

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090818.D
 Acq On : 25 Oct 2016 20:12
 Operator : UM/SJ
 Sample : H5365-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

Quant Time: Oct 26 00:54:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184873	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	769492	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	436189	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	723031	20.00	ng	0.01
75) Chrysene-d12	13.97	240	477085	20.00	ng	0.01
86) Perylene-d12	15.38	264	394665	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1618544	141.19	ng	0.02
7) Phenol-d6	6.45	99	1909669	122.99	ng	0.01
23) Nitrobenzene-d5	7.37	82	1137920	81.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	649072	188.00	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2355359	83.83	ng	0.00
78) Terphenyl-d14	12.92	244	2469677	118.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	233843	35.25	ng	# 75
3) Pyridine	3.14	79	478350	30.78	ng	# 71
4) n-Nitrosodimethylamine	3.08	42	220752	41.51	ng	# 67
6) Aniline	6.46	93	321914	18.29	ng	# 1
8) 2-Chlorophenol	6.59	128	623697	45.32	ng	# 96
9) Benzaldehyde	6.34	77	116177	13.68	ng	# 72
10) Phenol	6.46	94	803907	46.06	ng	# 73
11) bis(2-Chloroethyl)ether	6.54	93	605499	41.29	ng	# 85
12) 1,3-Dichlorobenzene	6.74	146	625025	45.22	ng	# 95
13) 1,4-Dichlorobenzene	6.82	146	663209	45.23	ng	# 95
14) 1,2-Dichlorobenzene	6.82	146	667805	46.53	ng	# 97
15) Benzyl Alcohol	6.96	79	430775	40.85	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	7.08	45	552136	25.14	ng	# 49
17) 2-Methylphenol	7.07	107	487823	47.05	ng	# 85
18) Hexachloroethane	7.31	117	221223	37.17	ng	# 84
19) n-Nitroso-di-n-propylamine	7.23	70	401429	34.72	ng	# 66
20) 3+4-Methylphenols	7.22	107	559354	45.51	ng	# 53
22) Acetophenone	7.22	105	772287	45.04	ng	# 85
24) Nitrobenzene	7.39	77	593074	38.99	ng	# 75
25) Isophorone	7.63	82	1129197	42.52	ng	# 92
26) 2-Nitrophenol	7.71	139	350658	56.43	ng	# 93
27) 2,4-Dimethylphenol	7.76	122	579955	52.64	ng	# 86
28) bis(2-Chloroethoxy)methane	7.85	93	719796	49.54	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	513209	56.76	ng	# 94
30) 1,2,4-Trichlorobenzene	8.03	180	550924	51.77	ng	# 97
31) Naphthalene	8.11	128	1712254	45.49	ng	# 96
32) Benzoic acid	7.88	122	179441	27.02	ng	# 75
33) 4-Chloroaniline	8.17	127	139758	10.01	ng	# 95
34) Hexachlorobutadiene	8.24	225	314692	52.60	ng	# 99
35) Caprolactam	8.54	113	108082	41.85	ng	# 81
36) 4-Chloro-3-methylphenol	8.66	107	512754	48.76	ng	# 87
37) 2-Methylnaphthalene	8.81	142	1183066	53.78	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	522858	44.39	ng	# 99
40) Hexachlorocyclopentadiene	8.96	237	527924	95.48	ng	# 95

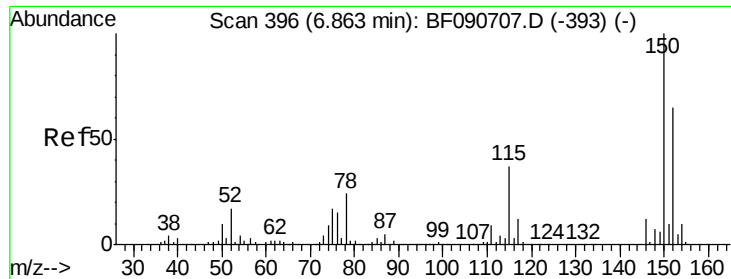
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	363008	49.70	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	392673	52.98	ng #	90
45) 1,1'-Biphenyl	9.26	154	1337367	39.04	ng	93
46) 2-Chloronaphthalene	9.30	162	1126369	44.24	ng	98
47) 2-Nitroaniline	9.39	65	291237	34.46	ng #	79
48) Acenaphthylene	9.71	152	1756390	45.21	ng	96
49) Dimethylphthalate	9.58	163	1842891	67.24	ng #	98
50) 2,6-Dinitrotoluene	9.64	165	335062	56.85	ng #	91
51) Acenaphthene	9.88	154	1089504	42.24	ng	87
52) 3-Nitroaniline	9.80	138	140231	20.70	ng #	66
53) 2,4-Dinitrophenol	9.92	184	277667	81.44	ng #	84
54) Dibenzofuran	10.05	168	1533873	49.10	ng #	87
55) 4-Nitrophenol	9.98	139	446788	105.31	ng #	80
56) 2,4-Dinitrotoluene	10.04	165	384450	53.37	ng #	90
57) Fluorene	10.40	166	1252588	48.38	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.18	232	352329	60.57	ng	92
59) Diethylphthalate	10.28	149	1377786	48.47	ng	97
60) 4-Chlorophenyl-phenylether	10.38	204	567940	48.00	ng #	88
61) 4-Nitroaniline	10.43	138	304315	44.35	ng #	70
62) Azobenzene	10.54	77	1182254	35.52	ng	86
64) 4,6-Dinitro-2-methylphenol	10.45	198	228795	49.44	ng #	65
65) n-Nitrosodiphenylamine	10.51	169	1047559	45.22	ng	89
66) 4-Bromophenyl-phenylether	10.88	248	387946	55.35	ng	98
67) Hexachlorobenzene	10.94	284	487437	58.93	ng #	81
68) Atrazine	11.05	200	372709	58.29	ng	86
69) Pentachlorophenol	11.14	266	483397	88.82	ng	97
70) Phenanthrene	11.36	178	1769798	48.02	ng	95
71) Anthracene	11.40	178	1809831	44.28	ng	96
72) Carbazole	11.56	167	1541453	45.11	ng	93
73) Di-n-butylphthalate	11.89	149	2037445	45.97	ng #	97
74) Fluoranthene	12.54	202	1865002	52.31	ng	88
76) Benzidine	12.67	184	359286	33.92	ng	98
77) Pyrene	12.77	202	1816795	54.52	ng	95
79) Butylbenzylphthalate	13.39	149	820750	53.59	ng #	86
80) Benzo(a)anthracene	13.96	228	1291493	49.47	ng	96
81) 3,3'-Dichlorobenzidine	13.93	252	242294	26.78	ng #	93
82) Chrysene	13.96	228	1291493	50.68	ng	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	1128459	51.50	ng	99
84) Di-n-octyl phthalate	14.57	149	1707518	51.34	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.76	276	1208718	54.37	ng #	90
87) Benzo(b)fluoranthene	15.01	252	2425811	99.96	ng #	86
88) Benzo(k)fluoranthene	15.01	252	2428695	99.59	ng #	87
89) Benzo(a)pyrene	15.33	252	1111374	48.81	ng #	84
90) Dibenzo(a,h)anthracene	16.77	278	1018101	46.57	ng #	83
91) Benzo(g,h,i)perylene	17.17	276	956577	45.11	ng #	79

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

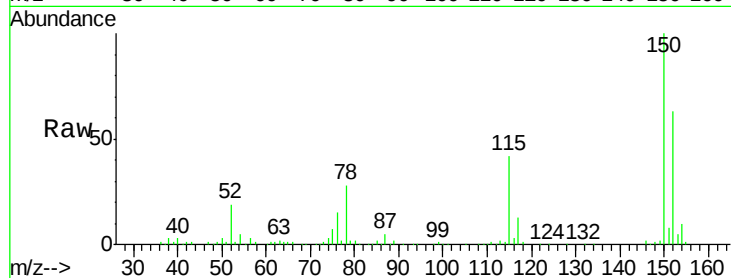
Tgt Ion:152 Resp: 184873

Ion Ratio Lower Upper

152 100

150 157.8 124.7 187.1

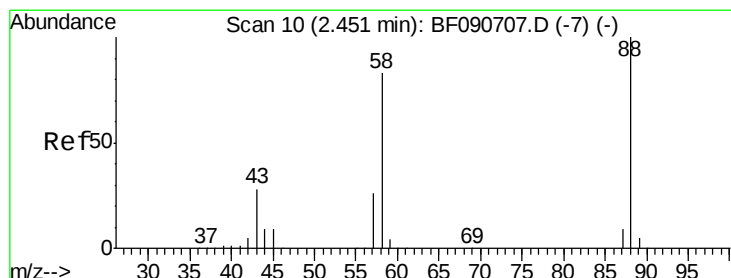
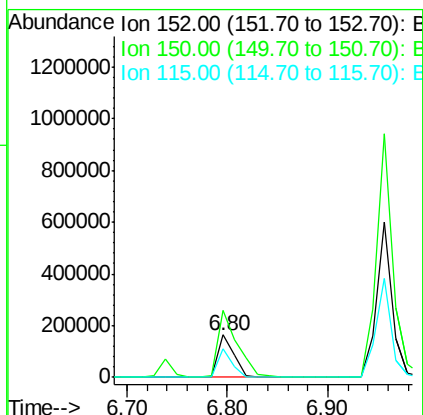
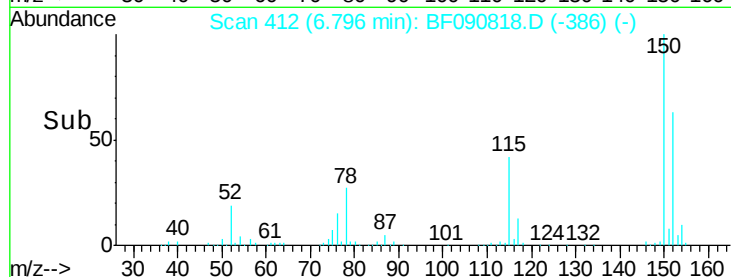
115 66.1 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.25 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.08 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

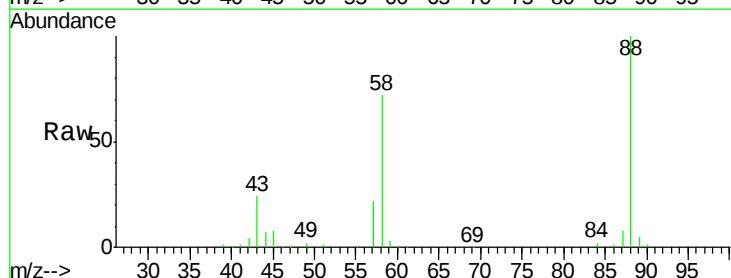
Tgt Ion: 88 Resp: 233843

Ion Ratio Lower Upper

88 100

58 70.2 77.7 116.5#

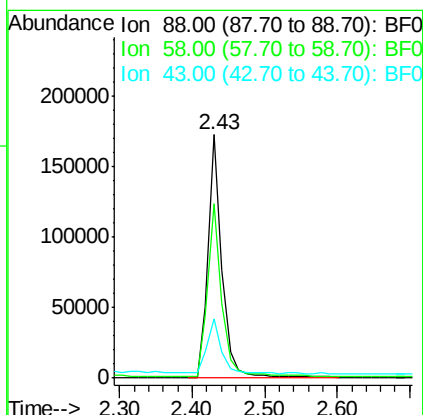
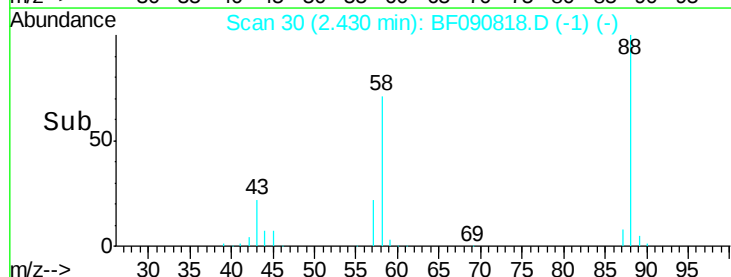
43 22.7 26.6 40.0#

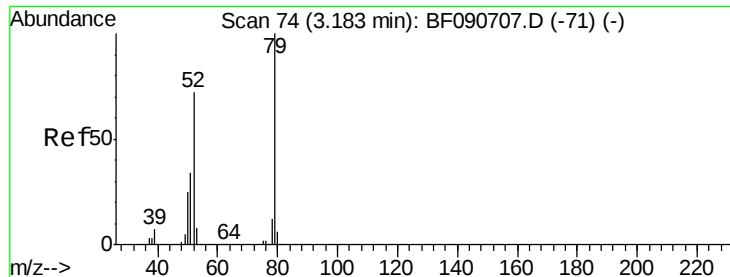


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.78 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

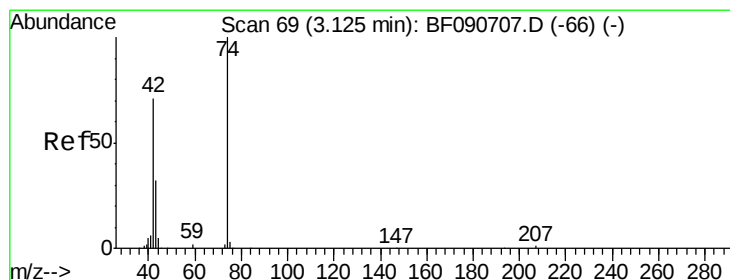
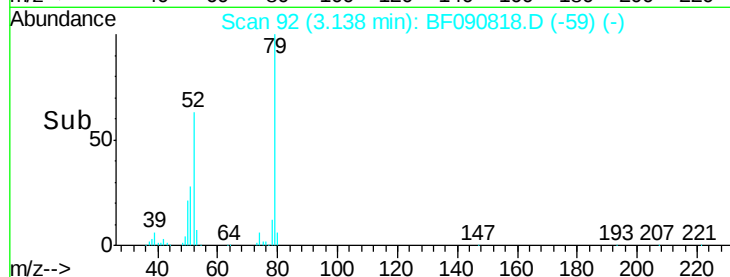
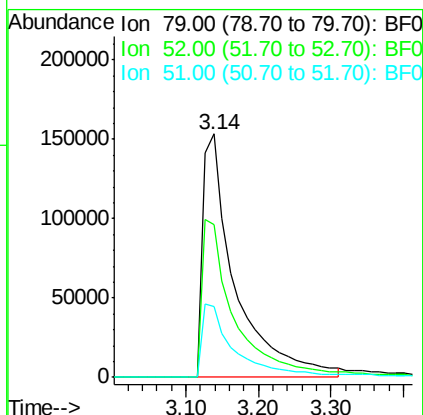
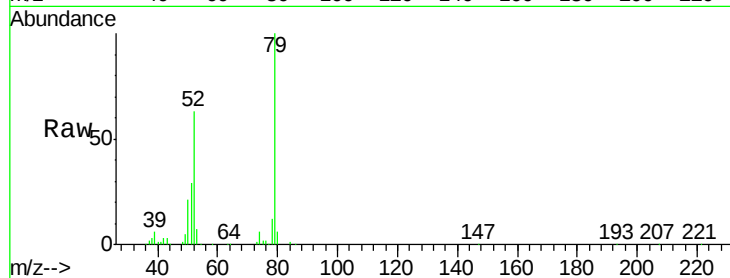
Tgt Ion: 79 Resp: 478350

Ion Ratio Lower Upper

79 100

52 62.7 76.8 115.2#

51 28.9 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 41.51 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

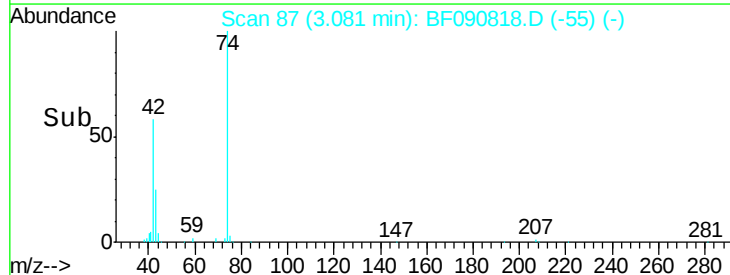
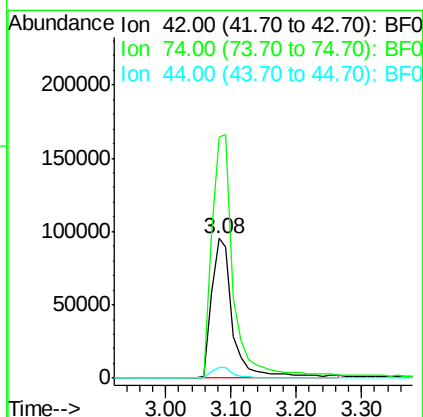
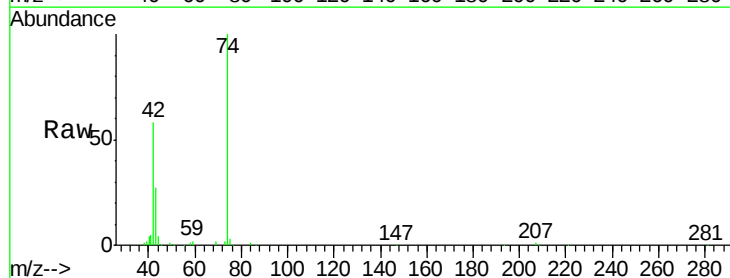
Tgt Ion: 42 Resp: 220752

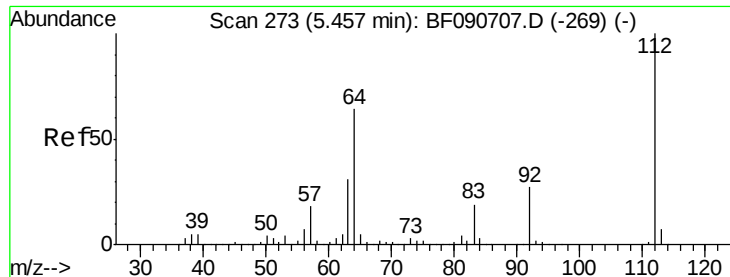
Ion Ratio Lower Upper

42 100

74 172.7 105.0 157.6#

44 7.3 6.6 10.0





#5

2-Fluorophenol

Concen: 141.19 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

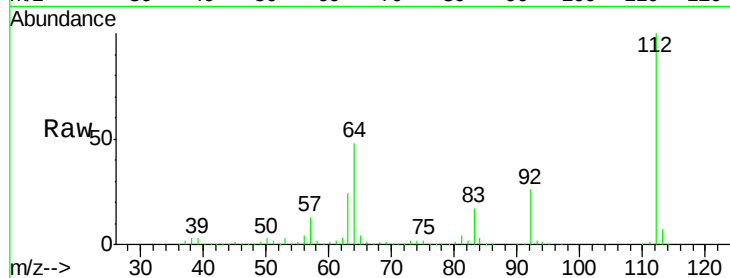
Tgt Ion: 112 Resp: 1618544

Ion Ratio Lower Upper

112 100

64 47.8 39.7 59.5

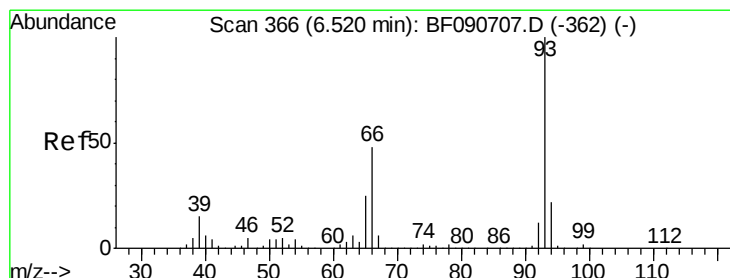
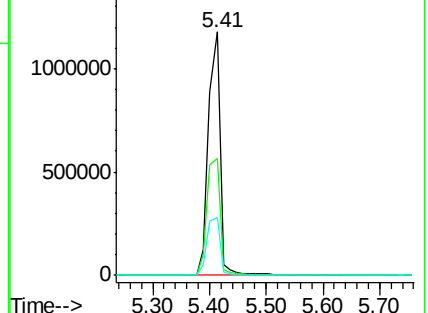
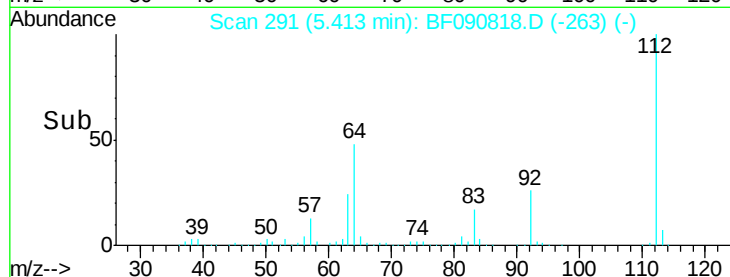
63 23.9 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.29 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

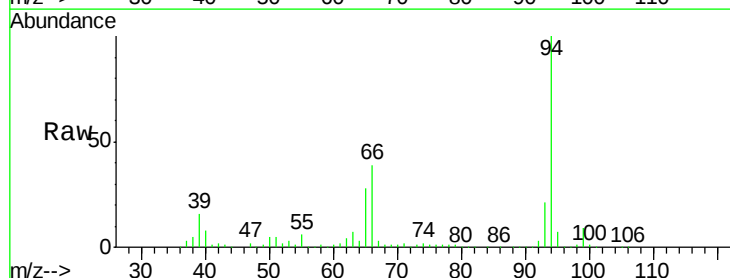
Tgt Ion: 93 Resp: 321914

Ion Ratio Lower Upper

93 100

66 187.6 27.2 40.8#

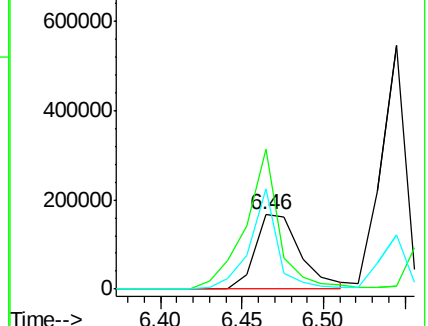
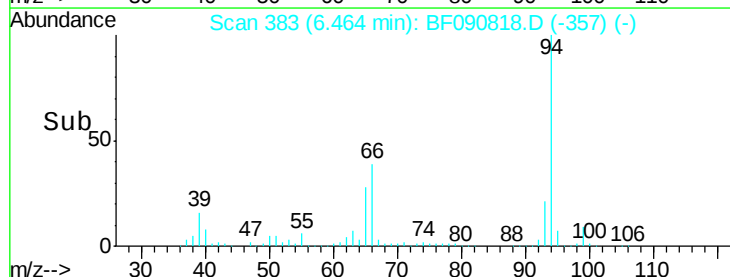
65 134.1 14.7 22.1#

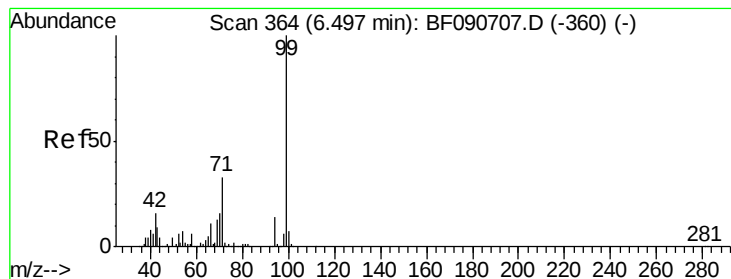


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.99 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

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FK-BPM-01-B2-B3-B4-B5MSD

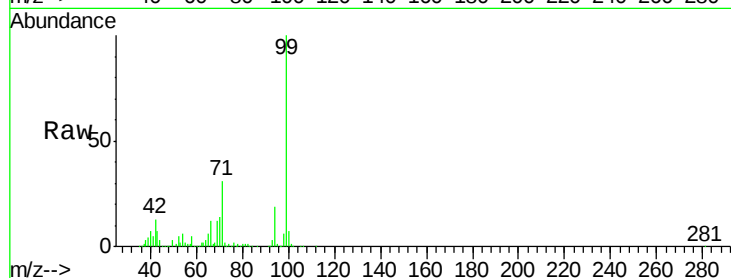
Tgt Ion: 99 Resp: 1909669

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

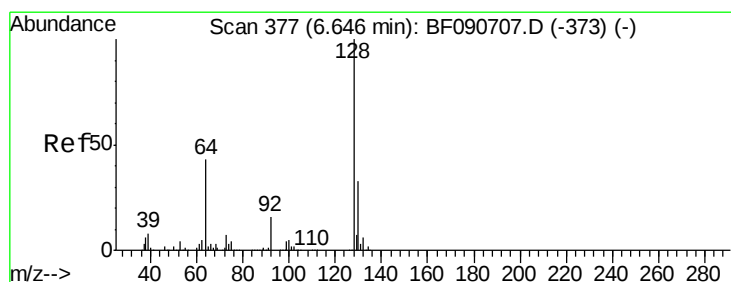
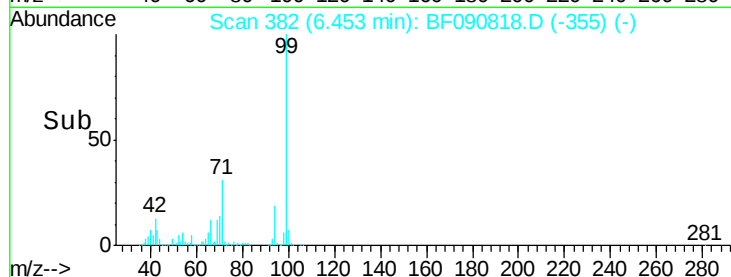
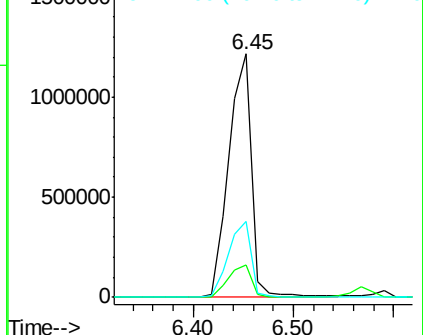
71 31.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.32 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

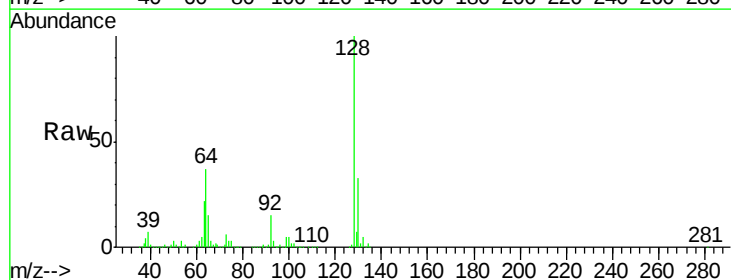
Tgt Ion: 128 Resp: 623697

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

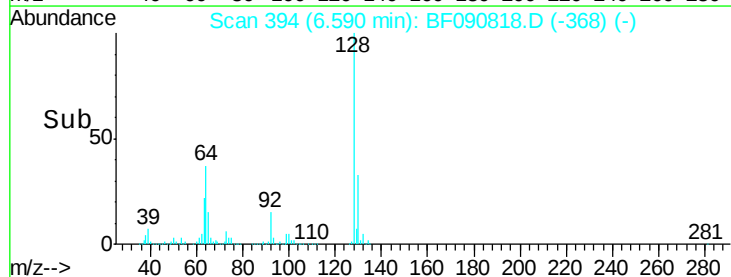
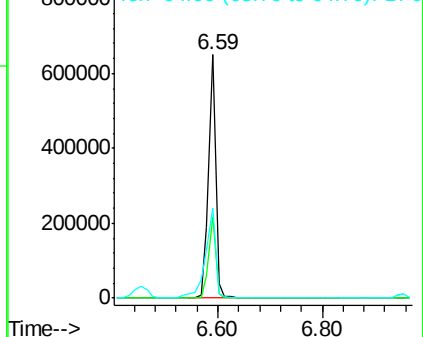
64 37.1 20.5 60.5

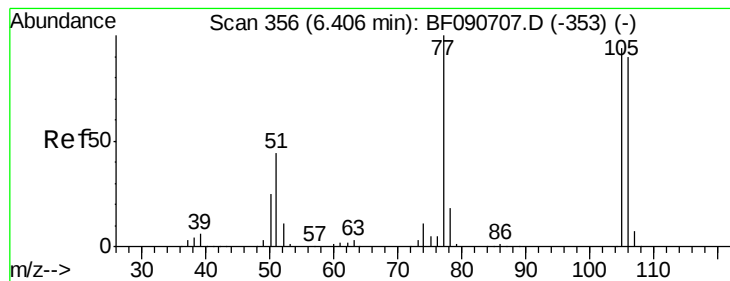


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.68 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

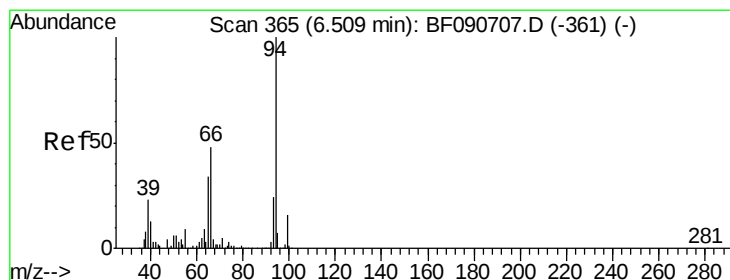
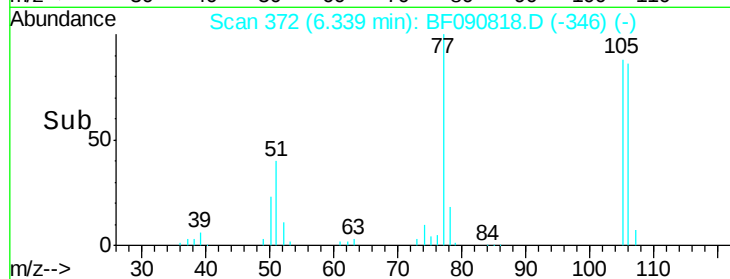
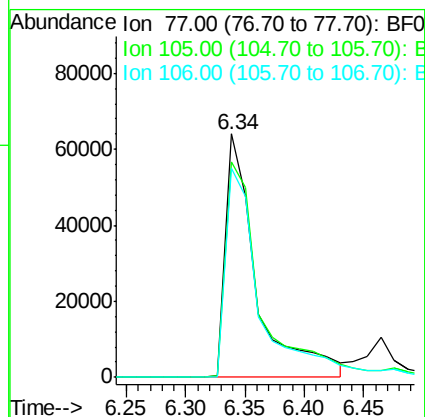
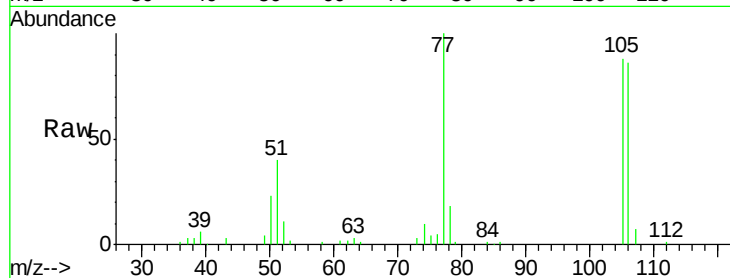
Tgt Ion: 77 Resp: 116177

Ion Ratio Lower Upper

77 100

105 88.4 91.6 131.6#

106 85.6 102.6 142.6#



#10

Phenol

Concen: 46.06 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

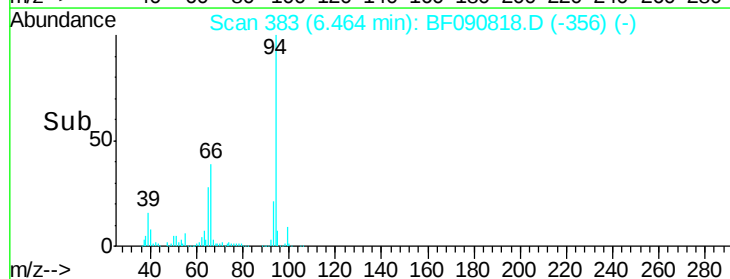
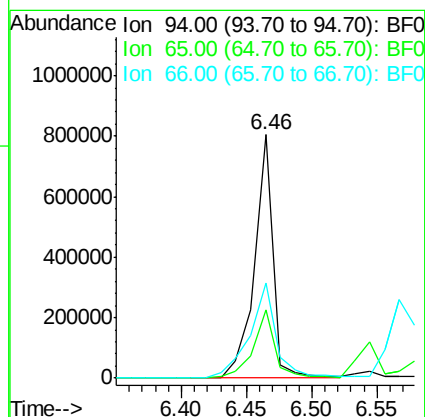
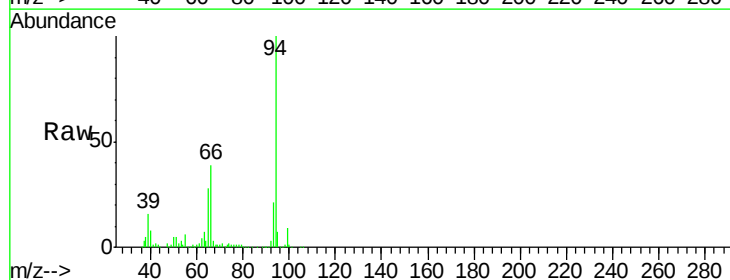
Tgt Ion: 94 Resp: 803907

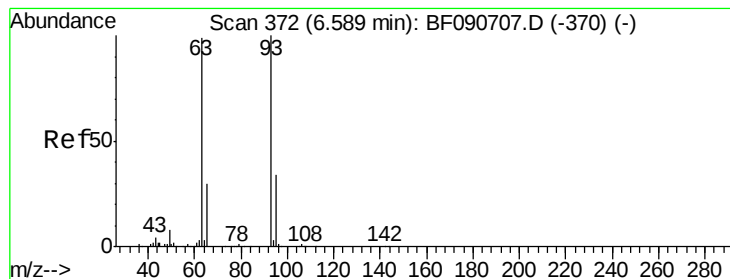
Ion Ratio Lower Upper

94 100

65 27.8 0.7 40.7

66 38.9 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 41.29 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

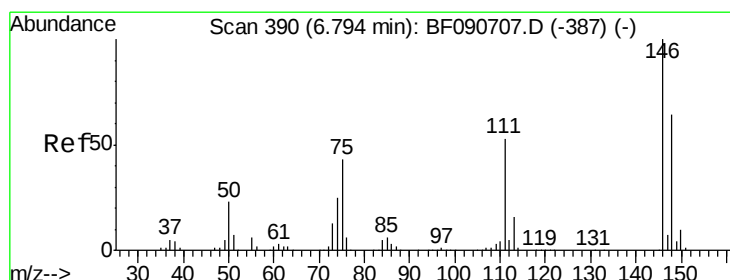
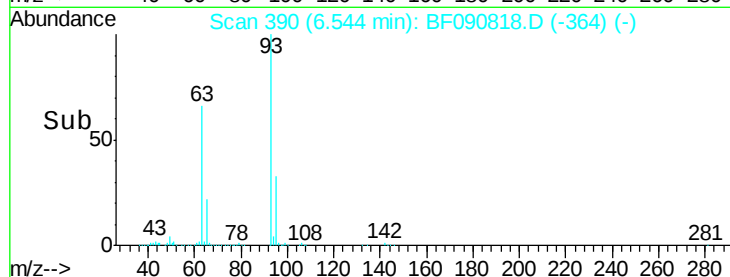
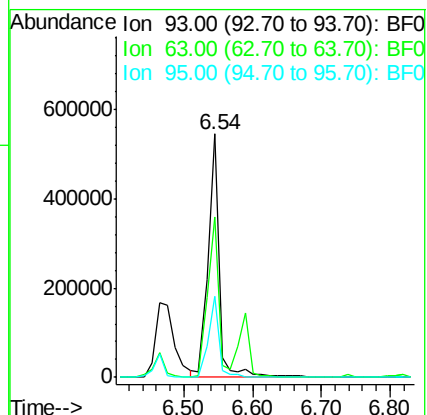
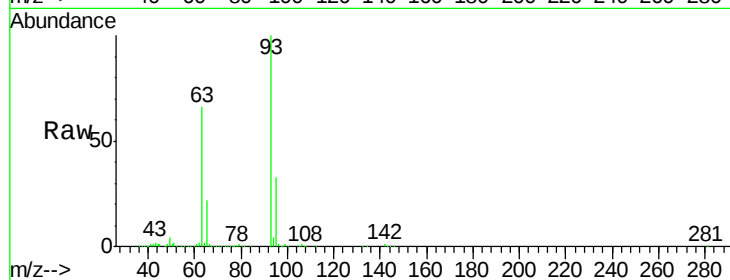
Tgt Ion: 93 Resp: 605499

Ion Ratio Lower Upper

93 100

63 66.1 65.6 105.6

95 33.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 45.22 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

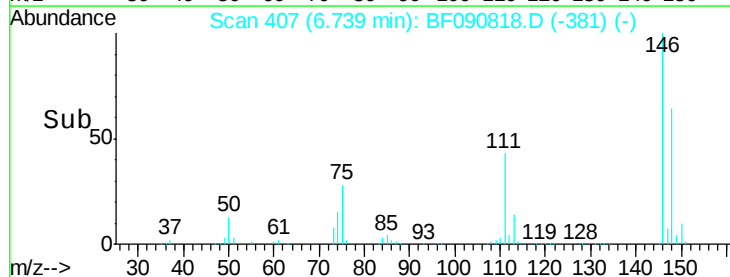
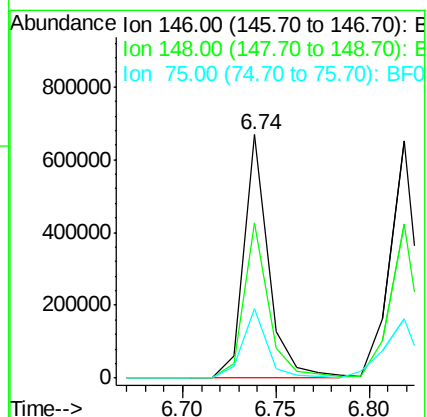
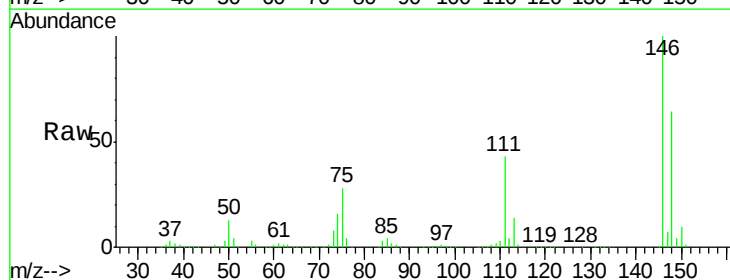
Tgt Ion: 146 Resp: 625025

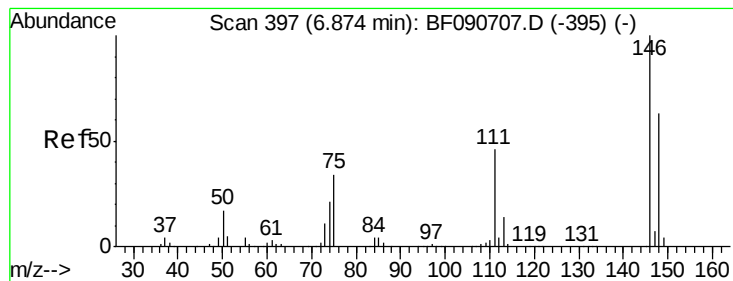
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

75 28.4 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 45.23 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

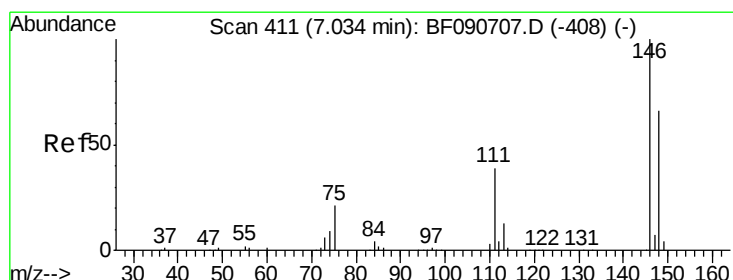
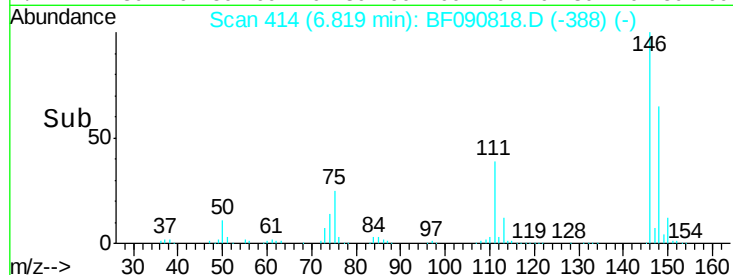
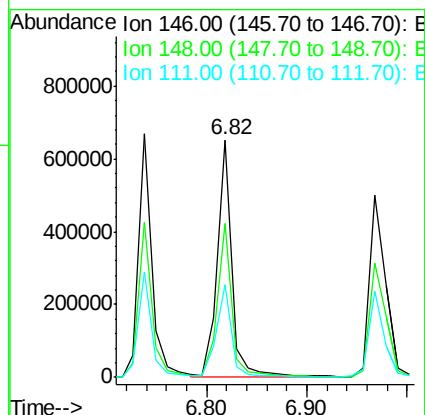
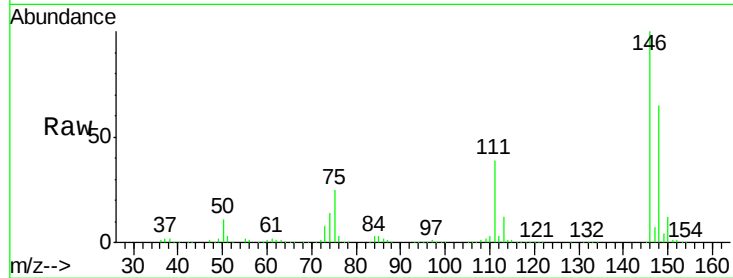
Tgt Ion:146 Resp: 663209

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

111 39.0 24.9 37.3#



#14

1,2-Dichlorobenzene

Concen: 46.53 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.15 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

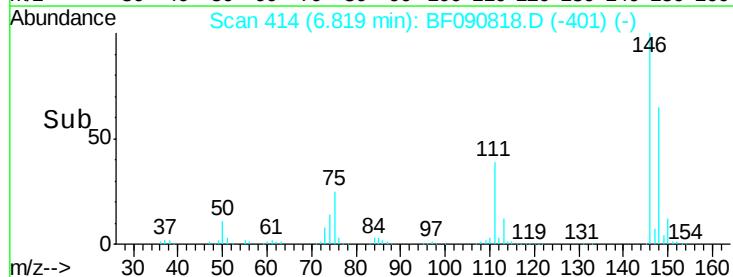
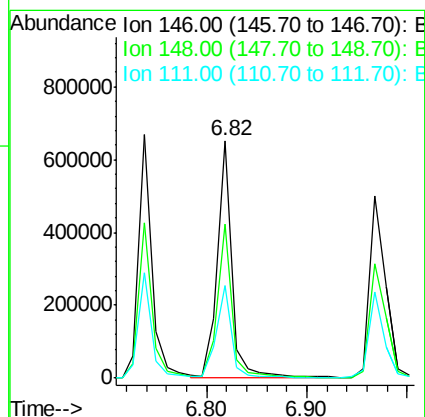
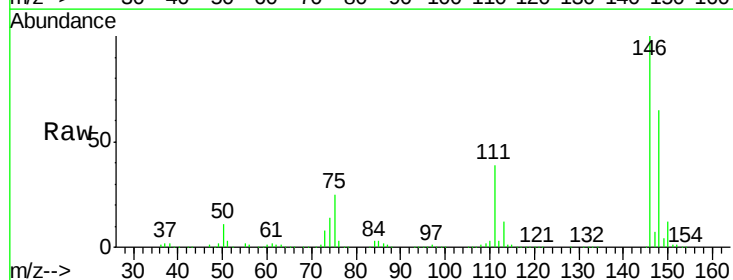
Tgt Ion:146 Resp: 667805

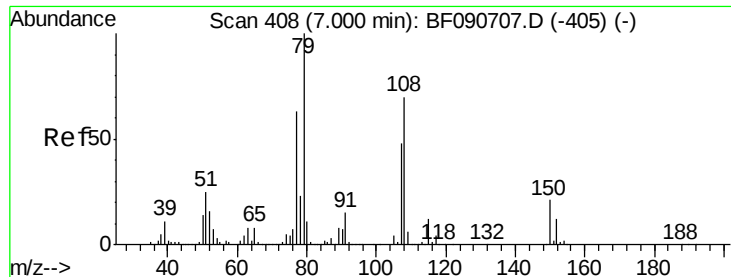
Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

111 39.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 40.85 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

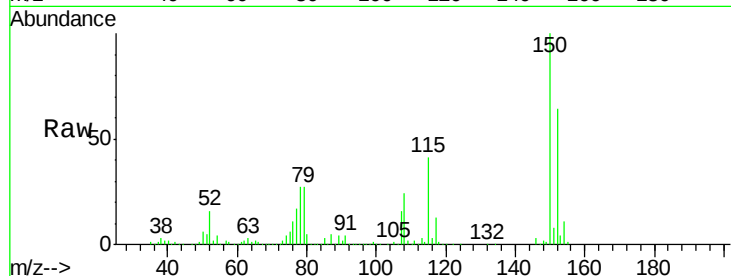
Tgt Ion: 79 Resp: 430775

Ion Ratio Lower Upper

79 100

108 89.2 88.6 132.8

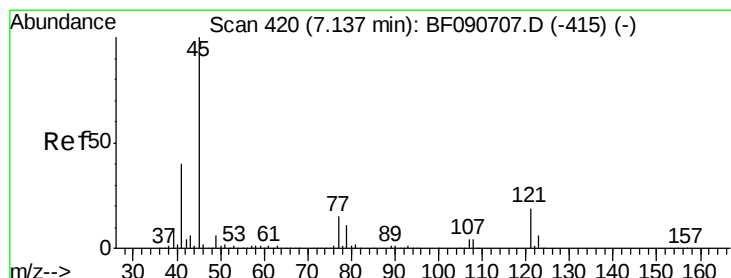
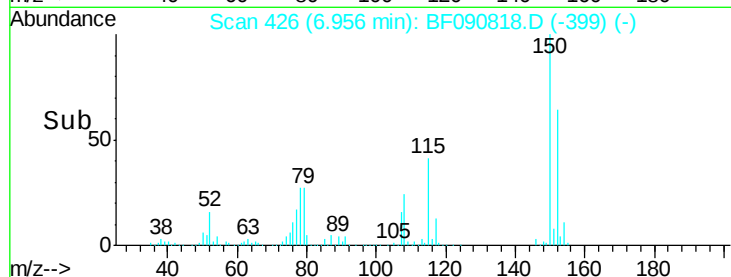
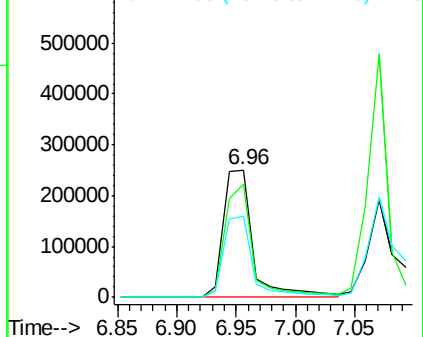
77 64.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.14 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

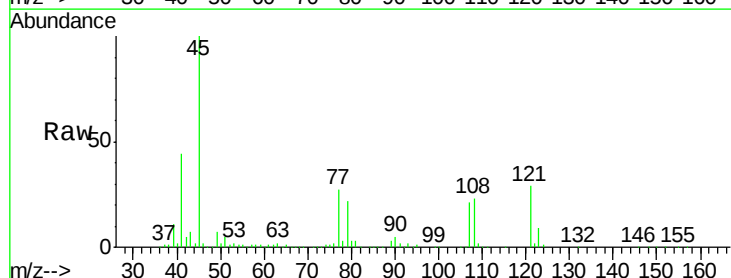
Tgt Ion: 45 Resp: 552136

Ion Ratio Lower Upper

45 100

77 26.6 0.0 28.1

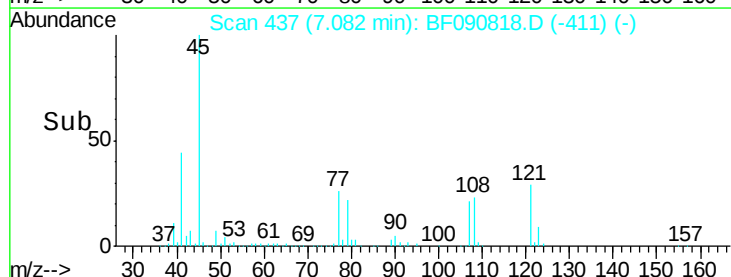
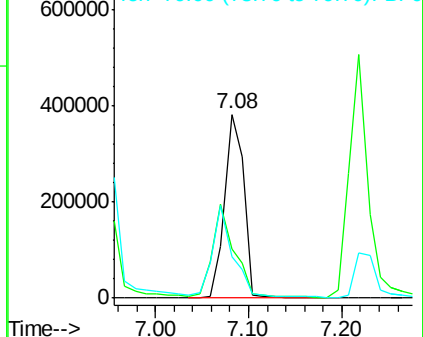
79 22.3 0.0 26.0

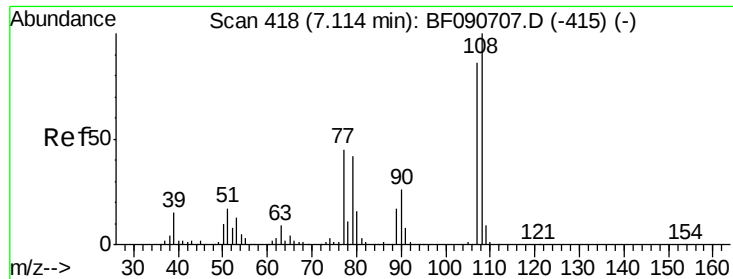


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

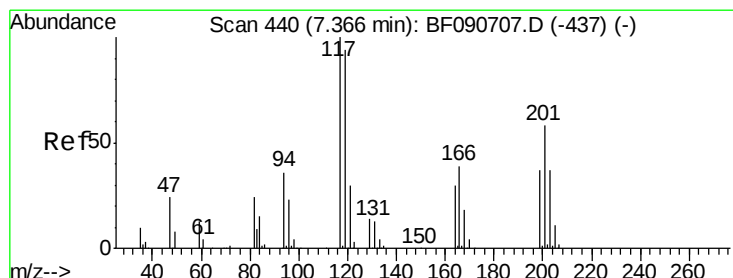
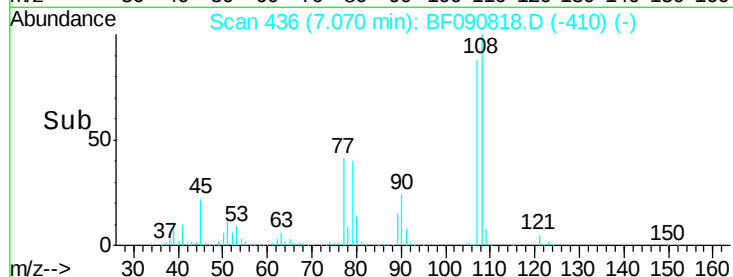
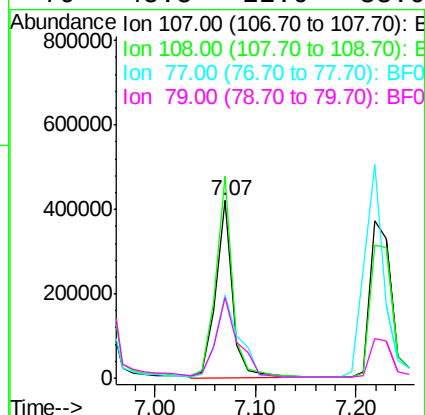
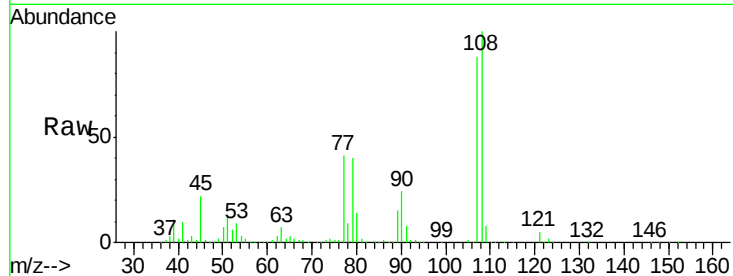




#17
2-Methylphenol
Concen: 47.05 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

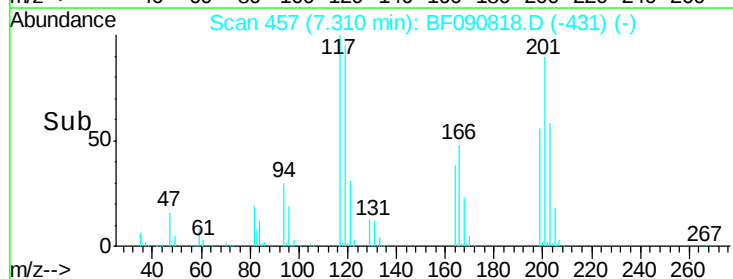
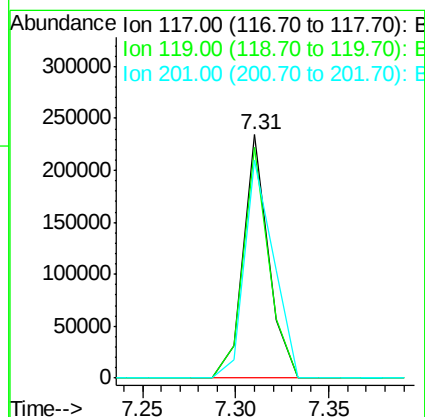
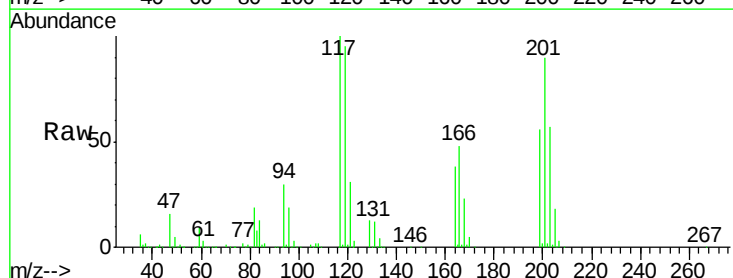
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

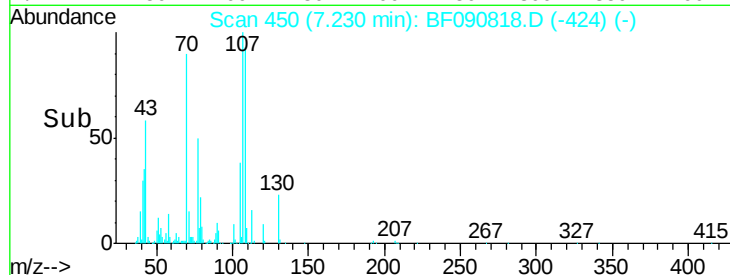
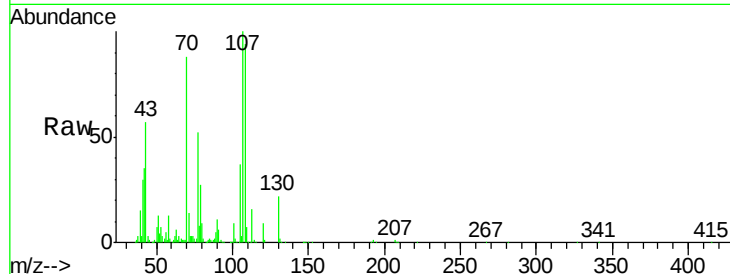
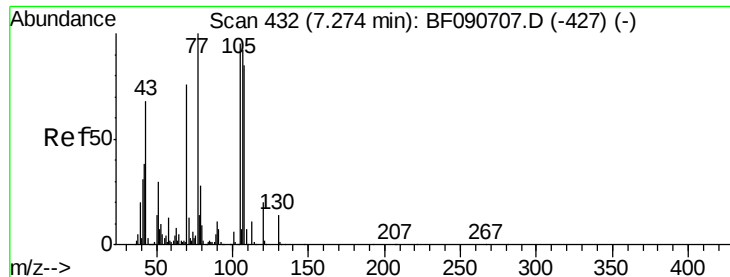
Tgt Ion:	107	Resp:	487823
Ion	Ratio	Lower	Upper
107	100		
108	113.8	96.6	145.0
77	46.6	23.3	34.9#
79	45.5	22.0	33.0#



#18
Hexachloroethane
Concen: 37.17 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion:	117	Resp:	221223
Ion	Ratio	Lower	Upper
117	100		
119	94.9	83.8	125.6
201	89.7	55.1	82.7#

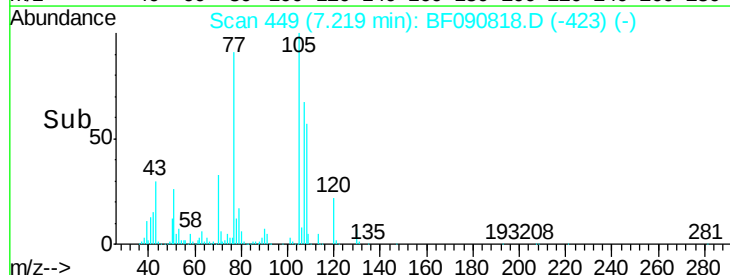
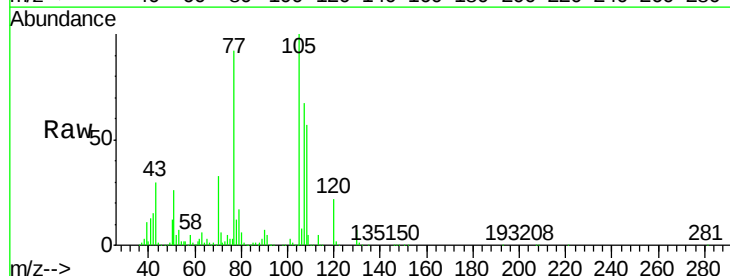
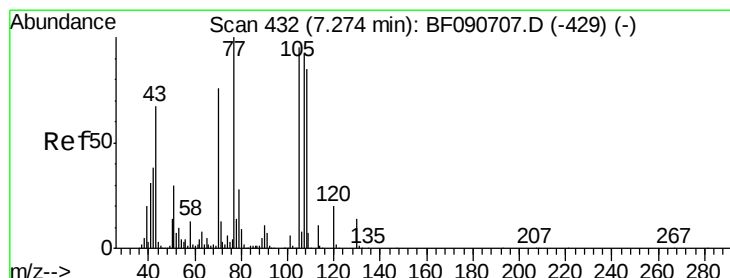
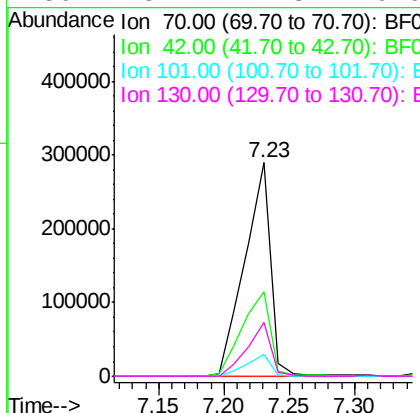




#19
n-Nitroso-di-n-propylamine
Concen: 34.72 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

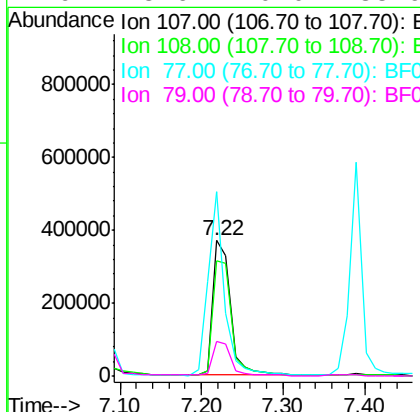
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

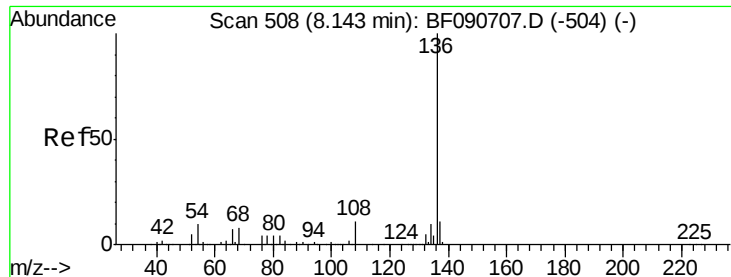
Tgt Ion: 70 Resp: 401429
Ion Ratio Lower Upper
70 100
42 39.3 63.8 95.6#
101 10.4 9.2 13.8
130 25.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.51 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion: 107 Resp: 559354
Ion Ratio Lower Upper
107 100
108 84.8 74.6 114.6
77 135.9 0.7 40.7#
79 25.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

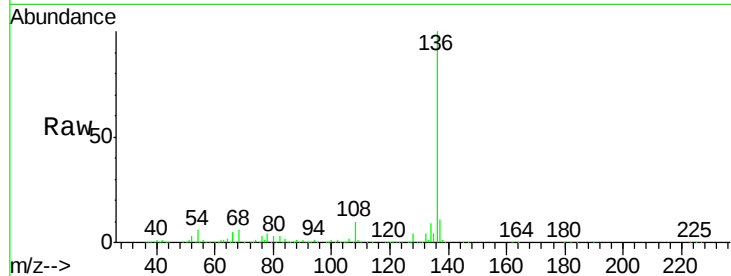
Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:	136	Resp:	769492
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	6.4	8.2	12.2#
68	6.0	5.8	8.6

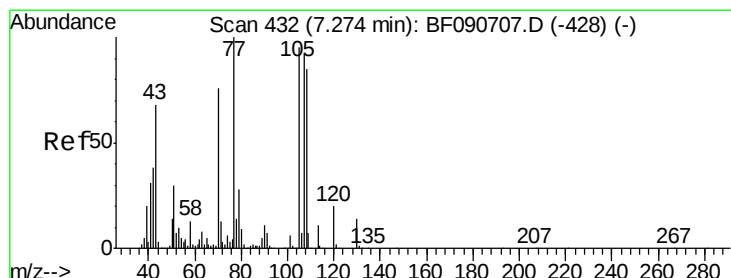
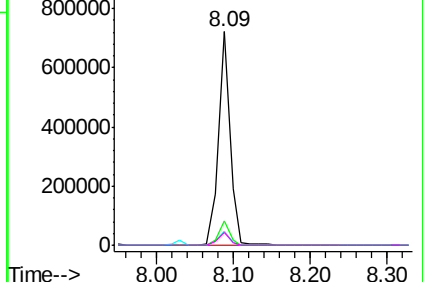
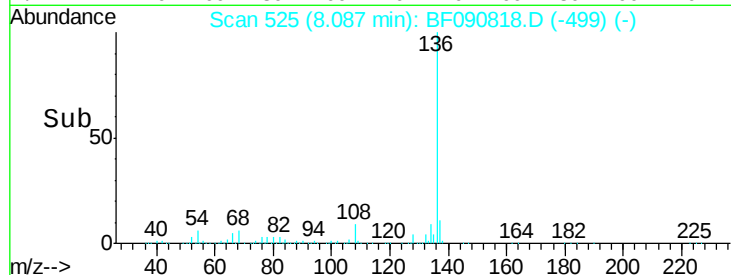


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.04 ng

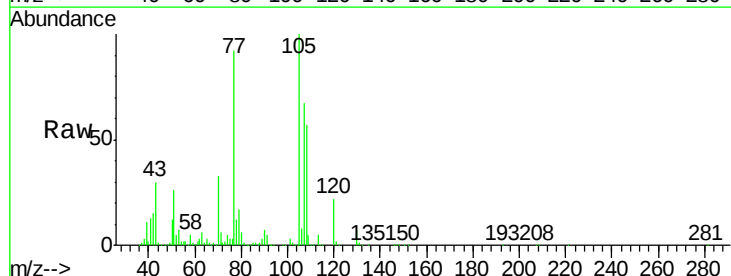
RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Tgt Ion:	105	Resp:	772287
Ion Ratio	Lower	Upper	
105	100		
71	5.6	4.7	7.1
51	26.0	22.0	33.0
120	22.2	30.1	45.1#

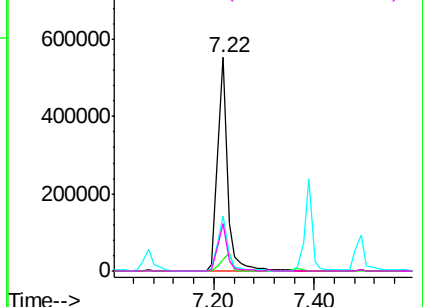
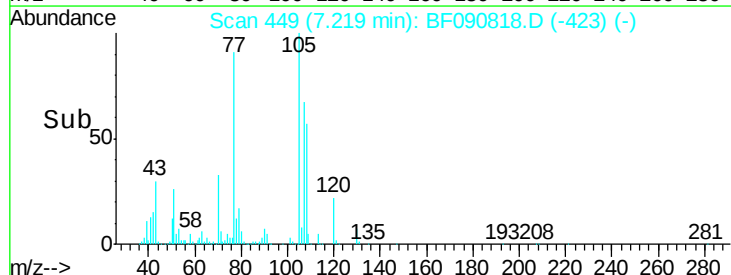


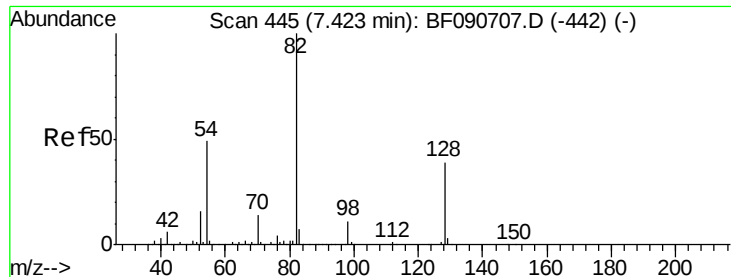
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

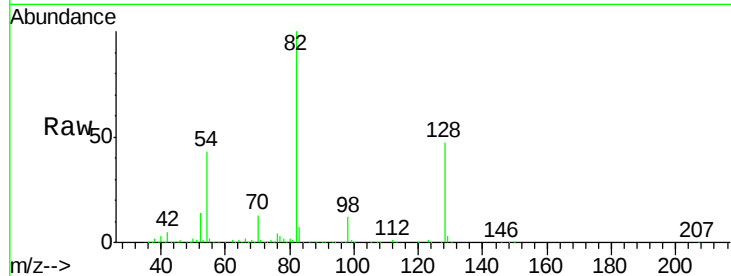




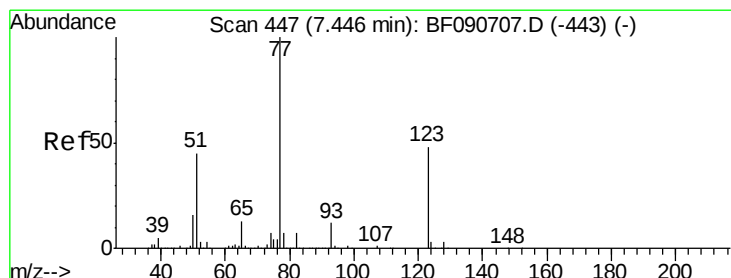
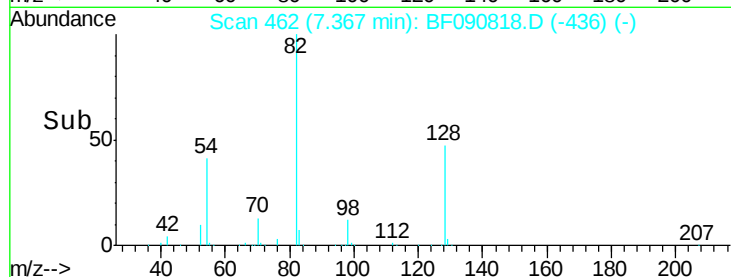
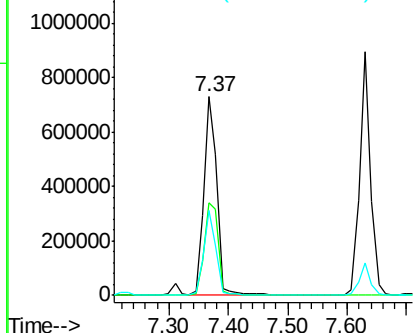
#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion: 82 Resp: 1137920
 Ion Ratio Lower Upper
 82 100
 128 46.9 51.0 76.6#
 54 42.8 47.5 71.3#

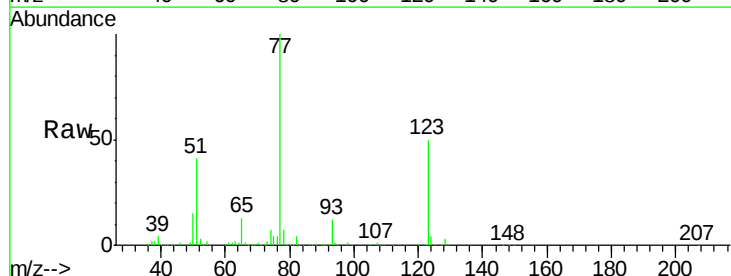


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

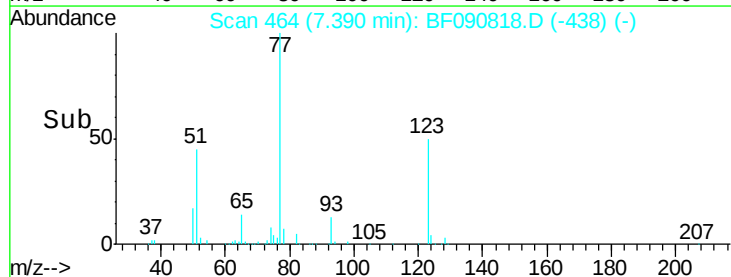
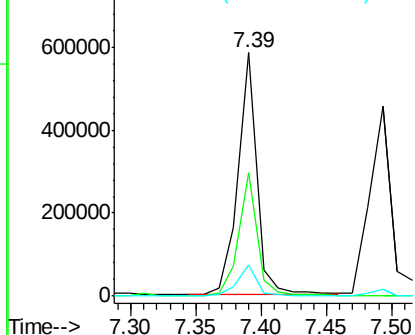


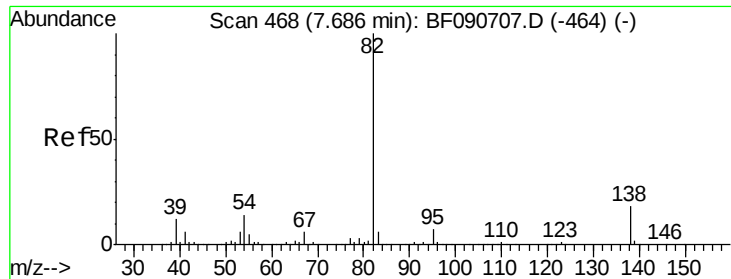
#24
 Nitrobenzene
 Concen: 38.99 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion: 77 Resp: 593074
 Ion Ratio Lower Upper
 77 100
 123 50.4 59.8 89.8#
 65 12.9 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.52 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

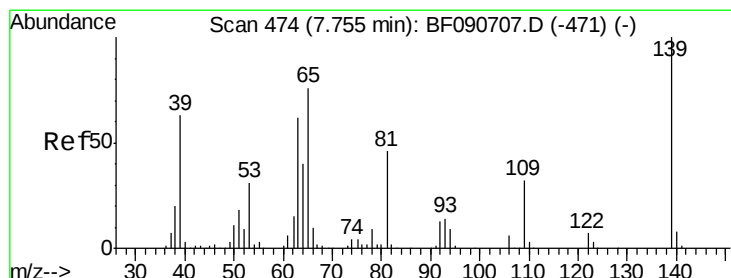
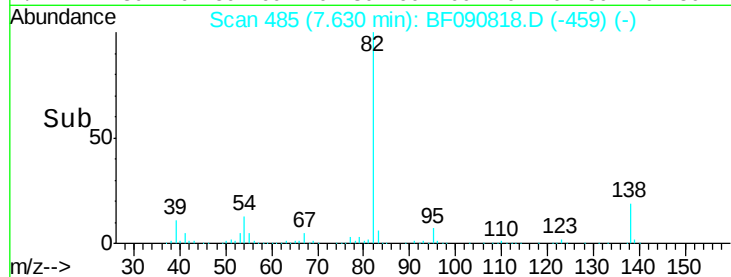
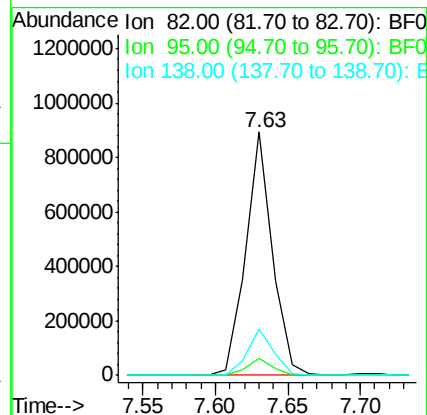
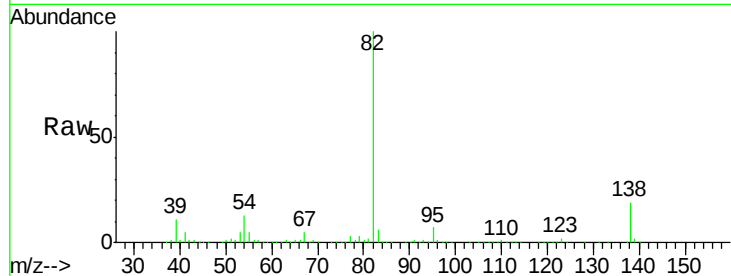
Tgt Ion: 82 Resp: 1129197

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

138 18.9 18.3 27.5



#26

2-Nitrophenol

Concen: 56.43 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

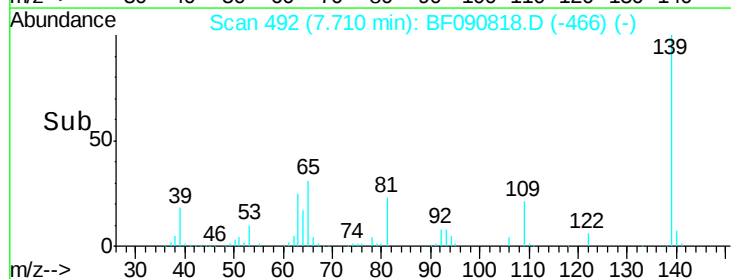
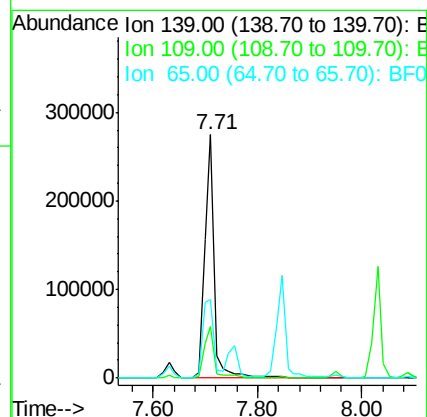
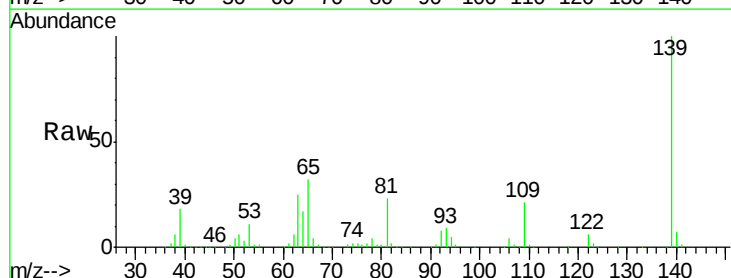
Tgt Ion: 139 Resp: 350658

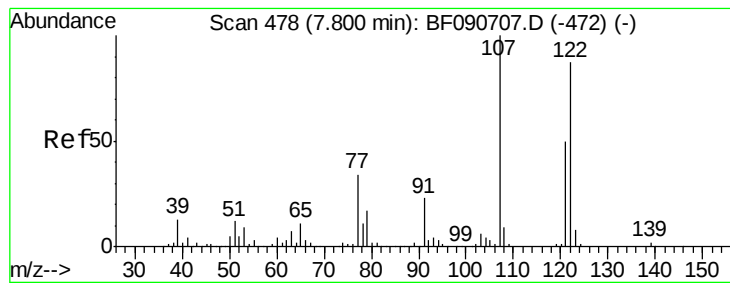
Ion Ratio Lower Upper

139 100

109 21.0 11.0 16.4#

65 32.3 24.7 37.1





#27

2,4-Dimethylphenol

Concen: 52.64 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

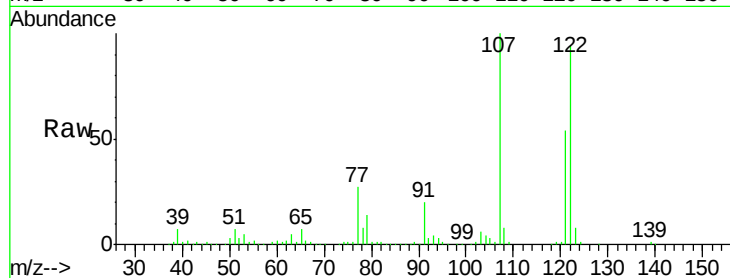
Tgt Ion:122 Resp: 579955

Ion Ratio Lower Upper

122 100

107 106.8 71.8 107.6

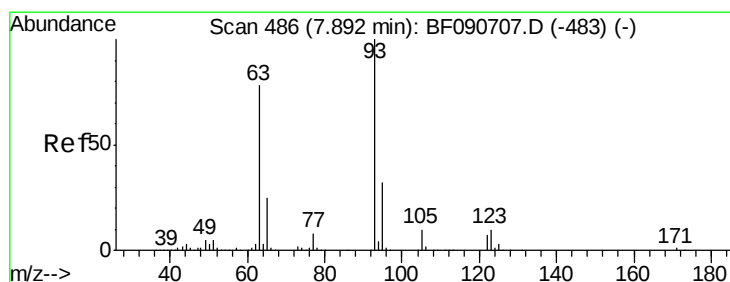
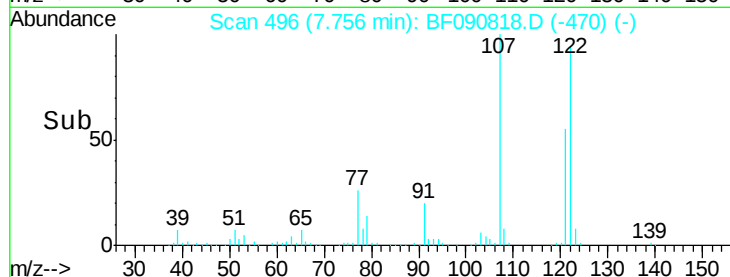
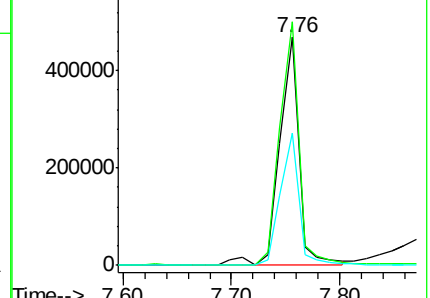
121 58.2 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.54 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

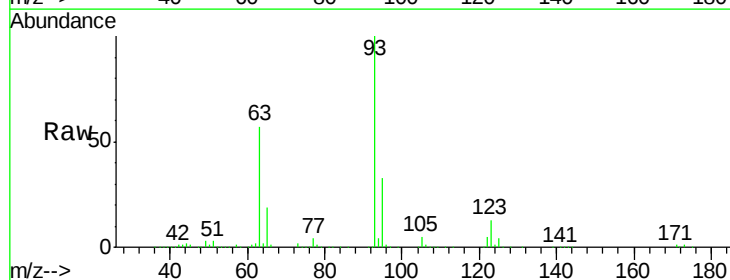
Tgt Ion: 93 Resp: 719796

Ion Ratio Lower Upper

93 100

95 33.1 27.5 41.3

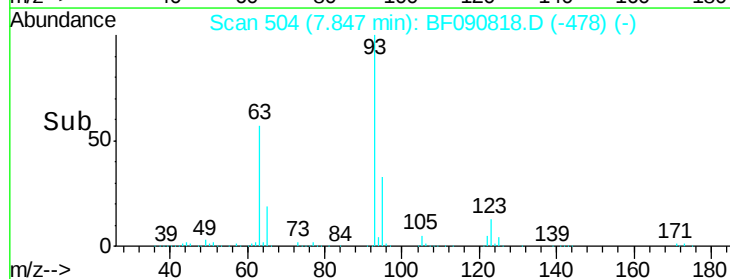
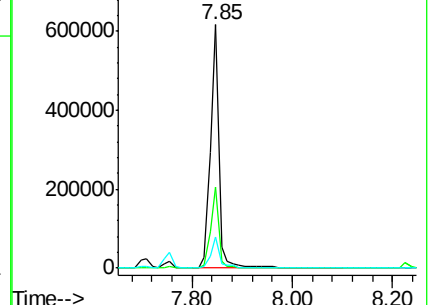
123 12.7 13.7 20.5#

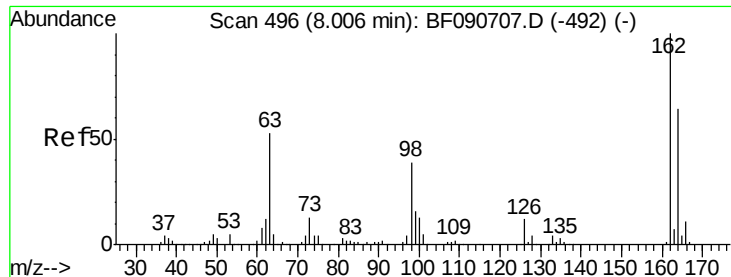


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

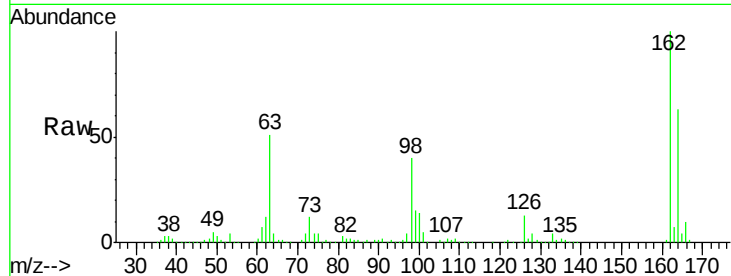




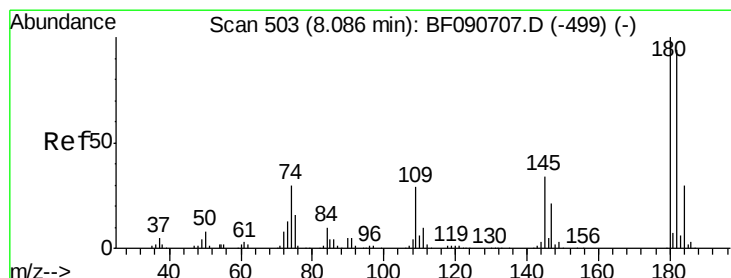
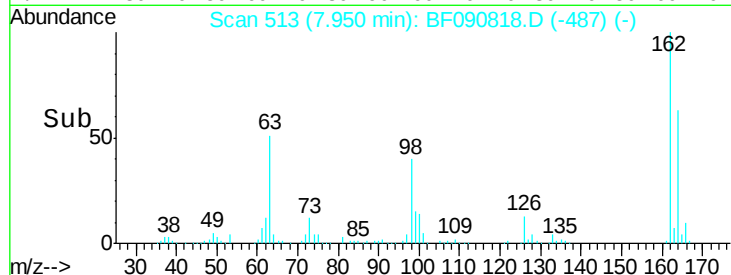
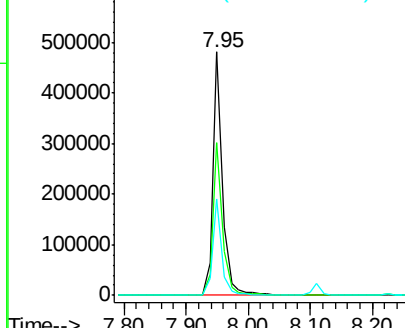
#29
 2,4-Dichlorophenol
 Concen: 56.76 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:162 Resp: 513209
 Ion Ratio Lower Upper
 162 100
 164 62.9 44.9 84.9
 98 39.7 13.0 53.0

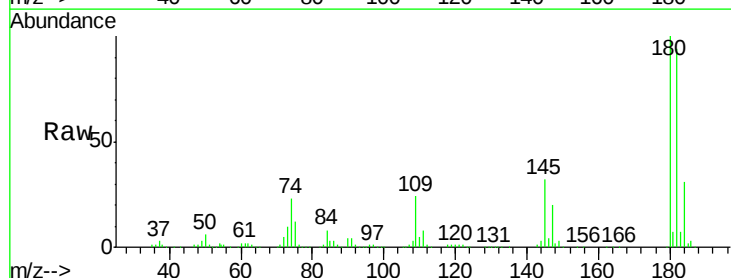


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

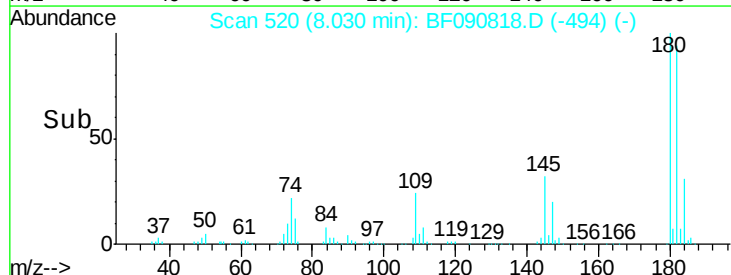
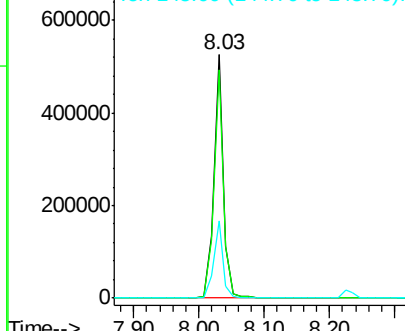


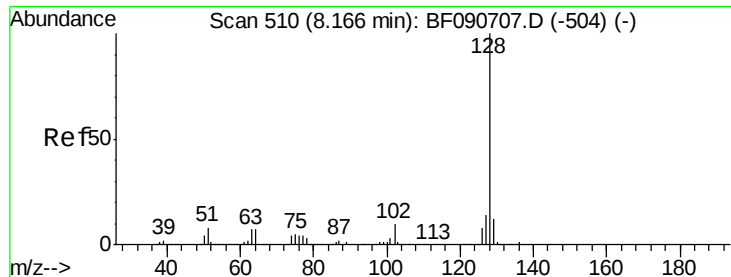
#30
 1,2,4-Trichlorobenzene
 Concen: 51.77 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:180 Resp: 550924
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.1 115.7
 145 31.9 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

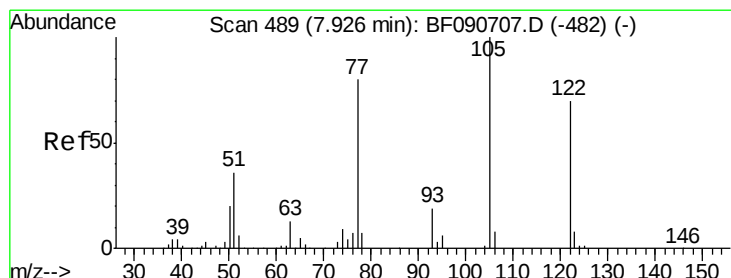
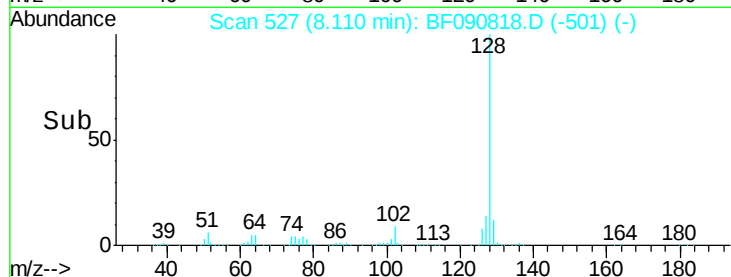
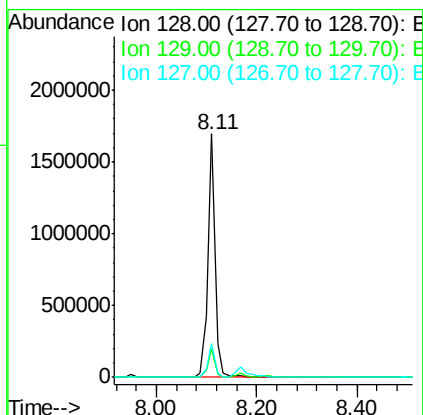
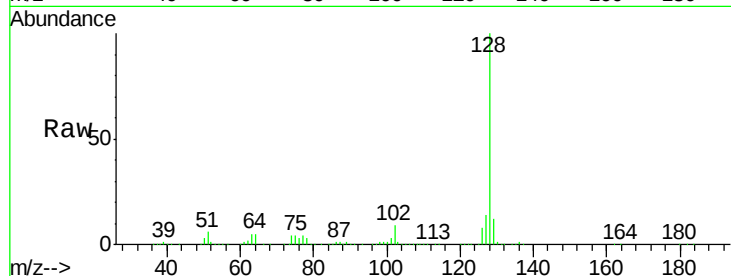




#31
Naphthalene
Concen: 45.49 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

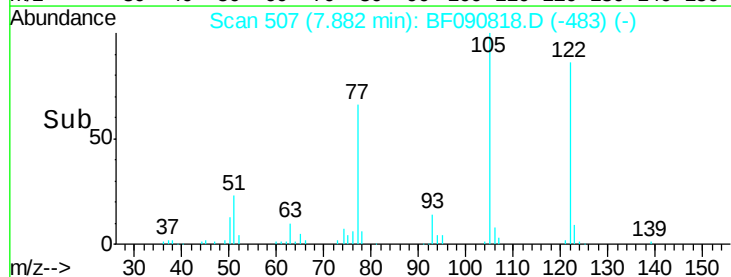
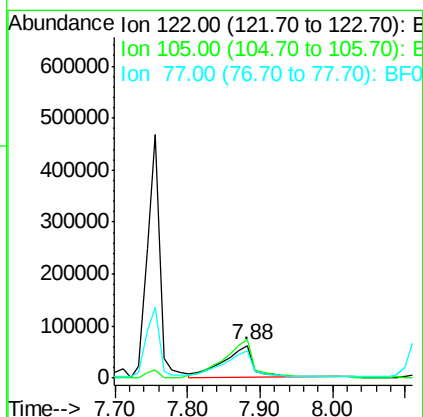
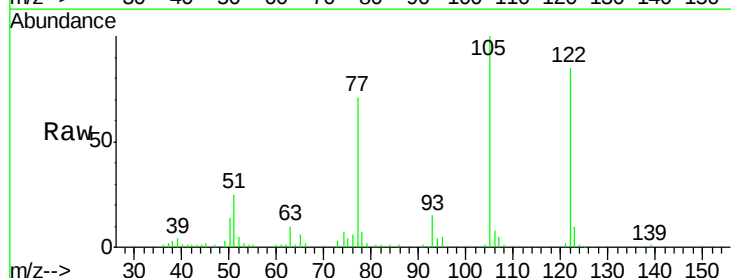
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

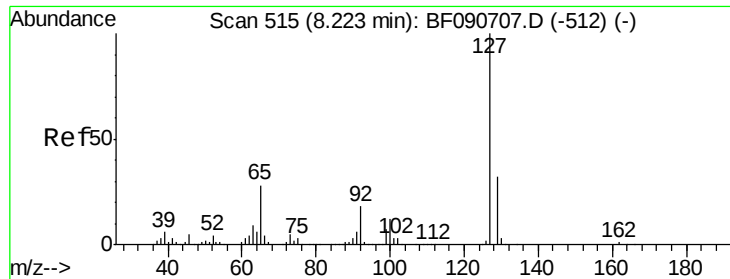
Tgt Ion:128 Resp: 1712254
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 14.0 9.9 14.9



#32
Benzoic acid
Concen: 27.02 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion:122 Resp: 179441
Ion Ratio Lower Upper
122 100
105 117.1 76.1 116.1#
77 83.6 40.5 80.5#

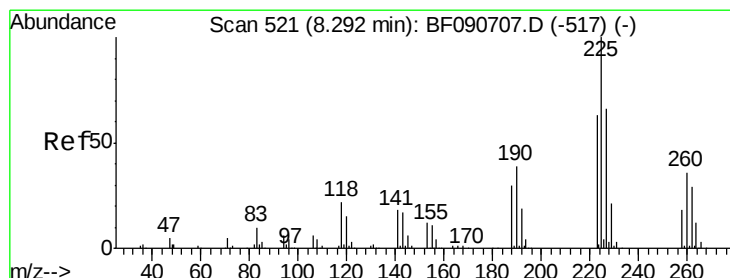
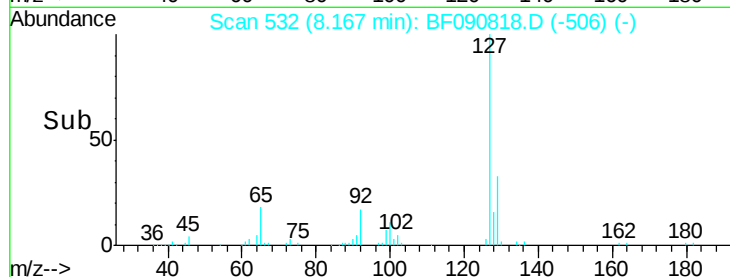
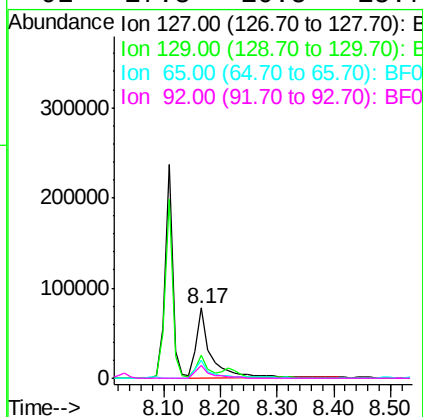
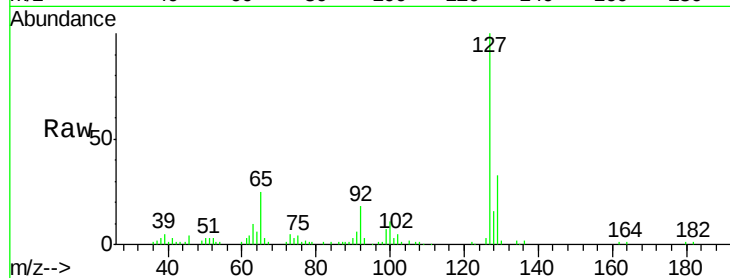




#33
4-Chloroaniline
Concen: 10.01 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

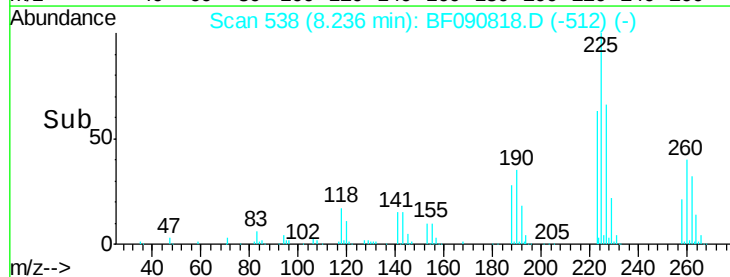
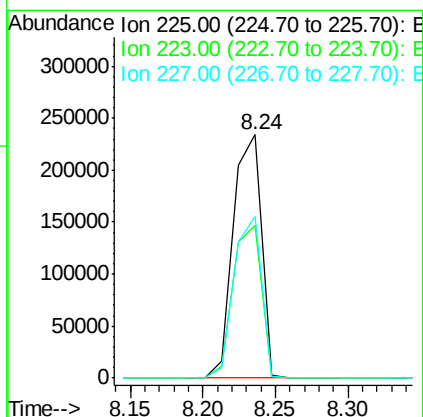
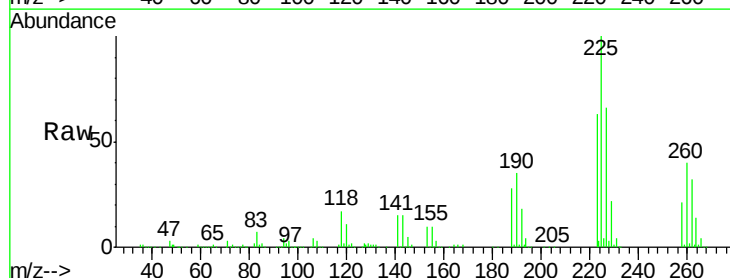
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

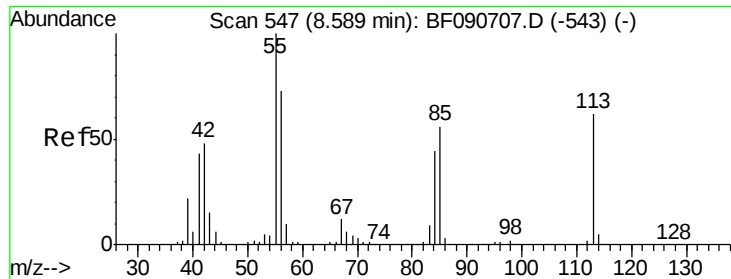
Tgt Ion:127 Resp: 139758
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.6
65 25.0 17.9 26.9
92 17.8 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 52.60 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion:225 Resp: 314692
Ion Ratio Lower Upper
225 100
223 62.9 50.2 75.2
227 66.2 52.2 78.2

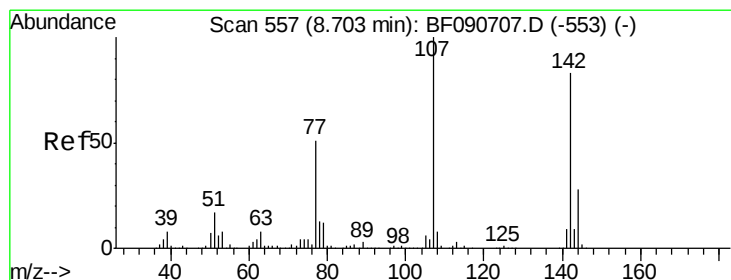
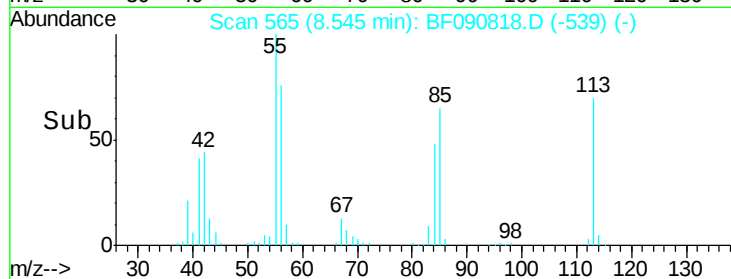
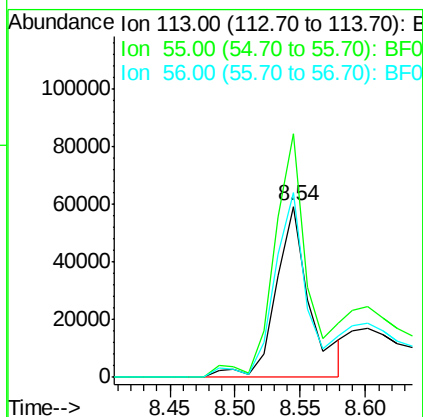
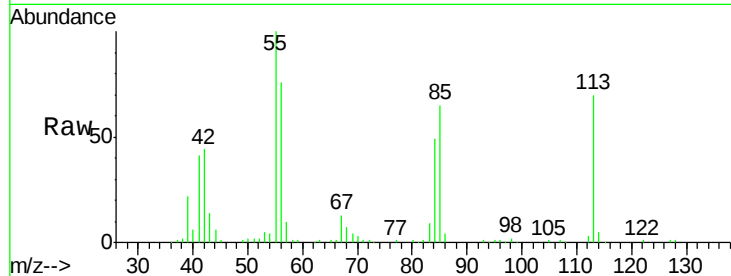




#35
 Caprolactam
 Concen: 41.85 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

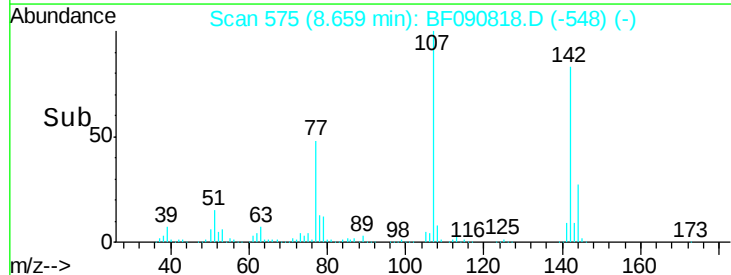
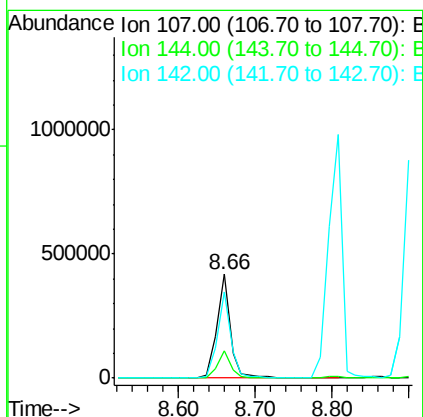
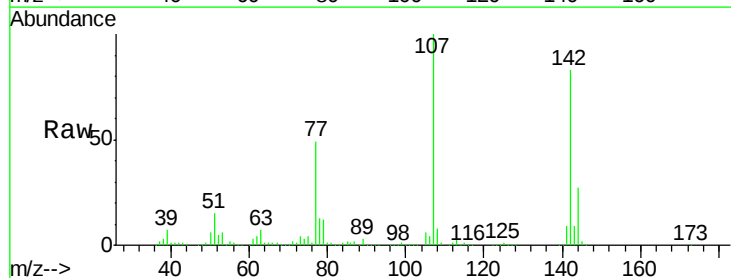
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

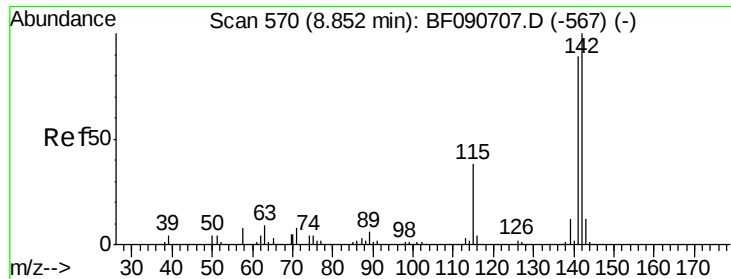
Tgt Ion:113 Resp: 108082
 Ion Ratio Lower Upper
 113 100
 55 142.5 152.4 192.4#
 56 108.1 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.76 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:107 Resp: 512754
 Ion Ratio Lower Upper
 107 100
 144 26.9 25.4 38.0
 142 82.6 77.3 115.9

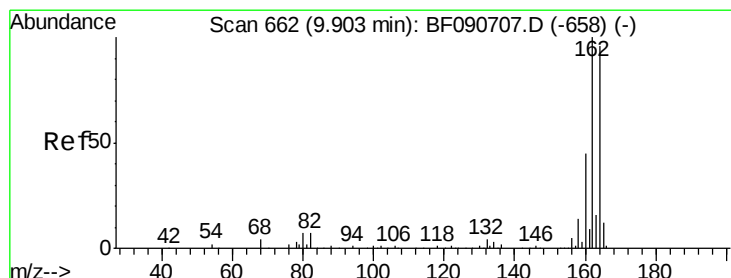
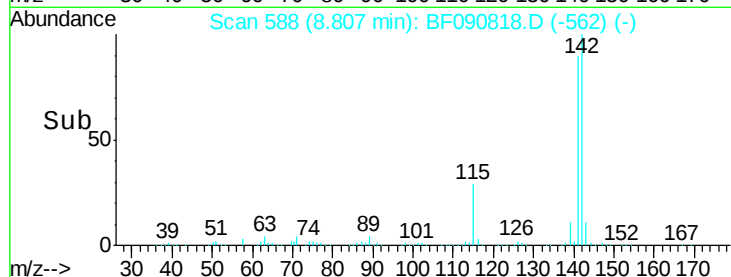
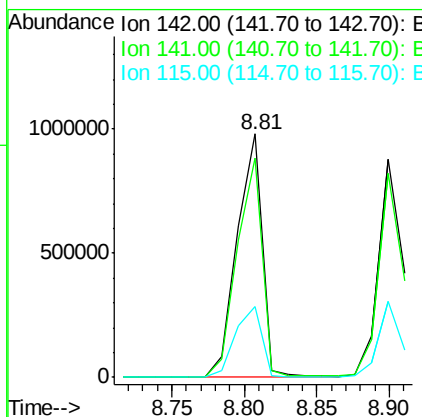
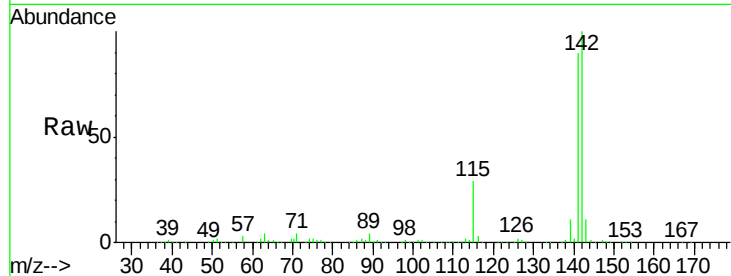




#37
2-Methylnaphthalene
Concen: 53.78 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

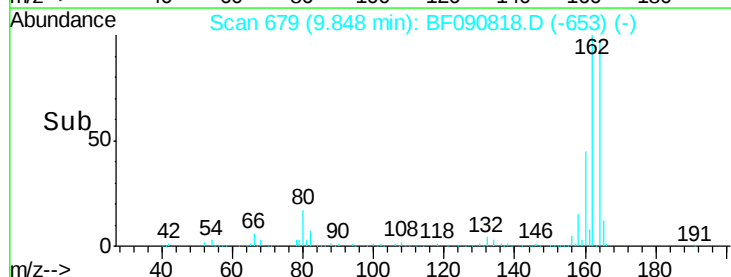
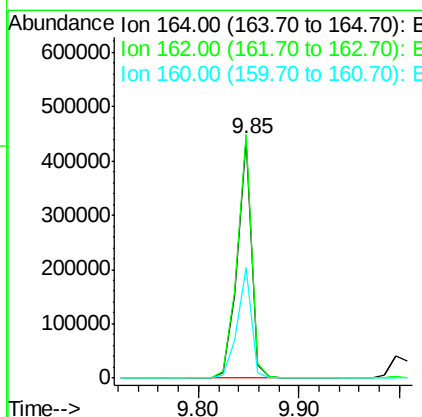
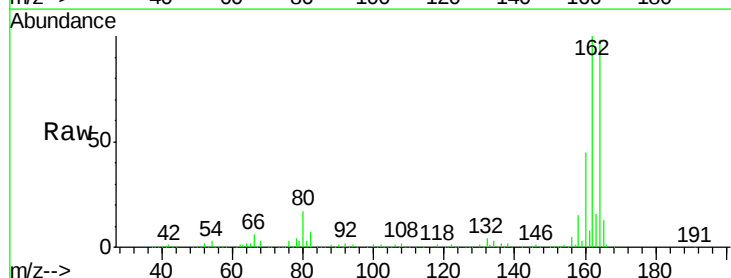
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

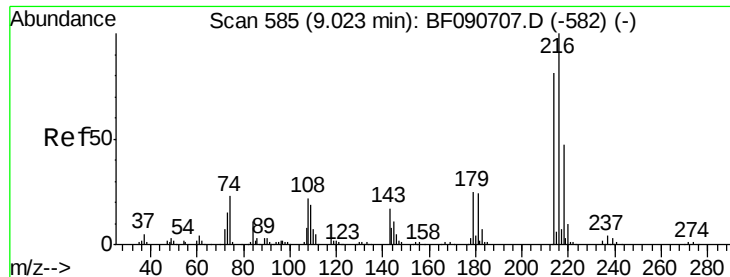
Tgt Ion:142 Resp: 1183066
Ion Ratio Lower Upper
142 100
141 89.9 67.5 101.3
115 29.1 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion:164 Resp: 436189
Ion Ratio Lower Upper
164 100
162 101.9 75.2 112.8
160 46.1 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.39 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:216 Resp: 522858

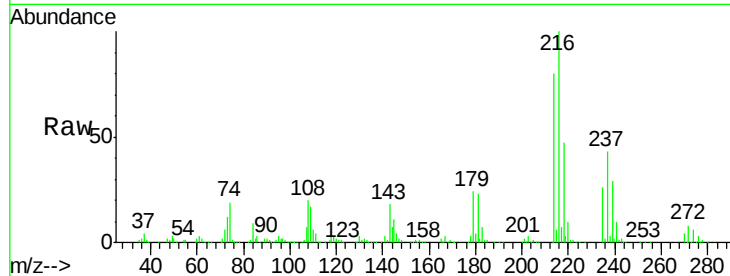
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 21.3 16.6 24.8

108 18.3 16.3 24.5

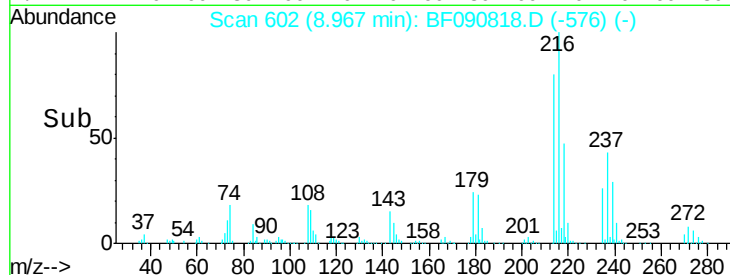


Abundance Ion 216.00 (215.70 to 216.70): E

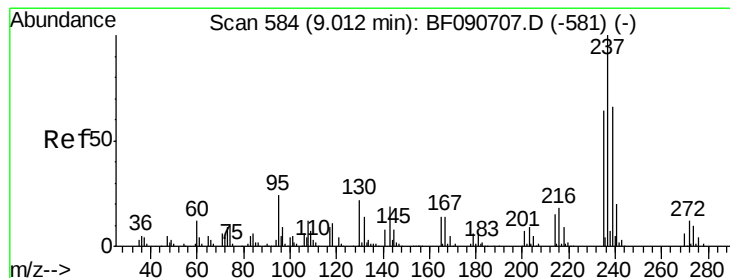
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.80 8.90 9.00 9.10 9.20



#40

Hexachlorocyclopentadiene

Concen: 95.48 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

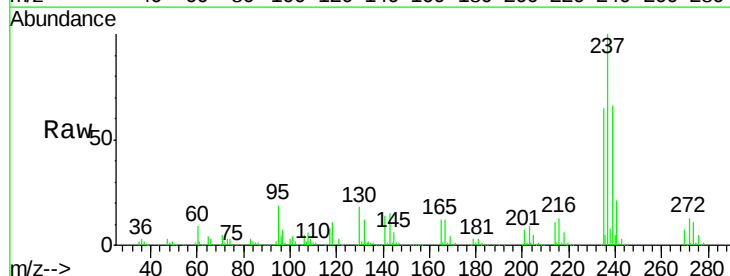
Tgt Ion:237 Resp: 527924

Ion Ratio Lower Upper

237 100

235 65.2 42.0 82.0

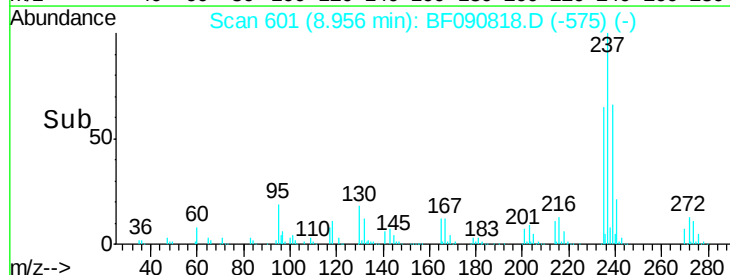
272 13.3 0.0 36.1



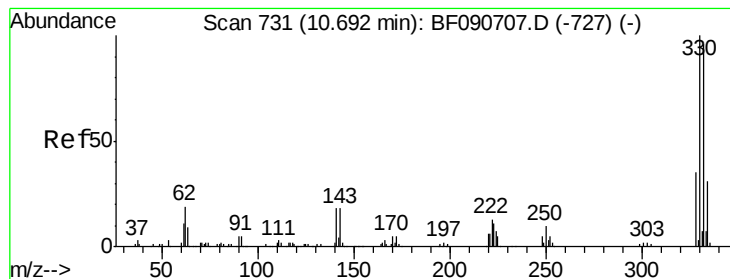
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



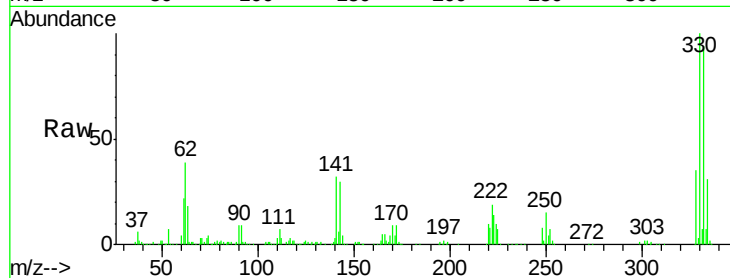
Time--> 8.90 9.00



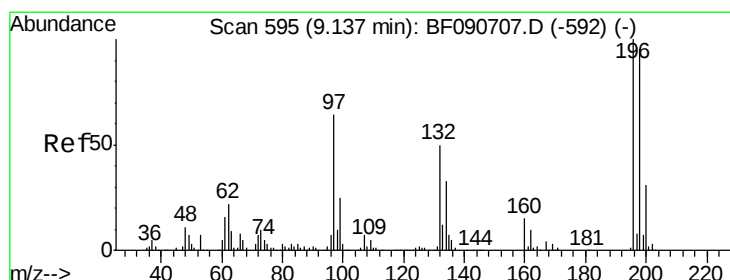
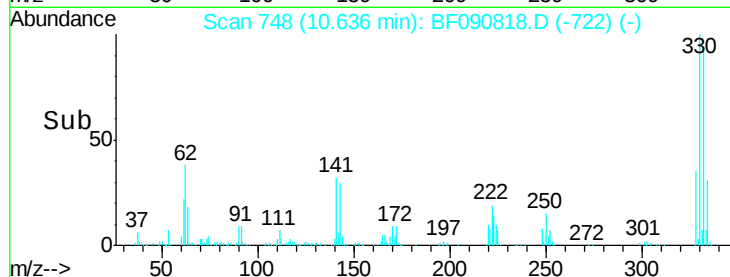
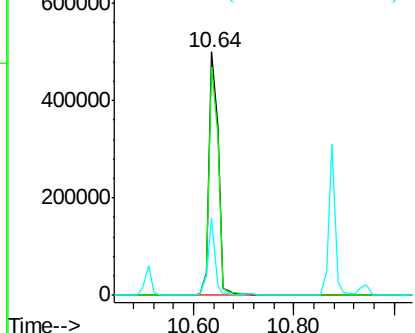
#41
 2,4,6-Tribromophenol
 Concen: 188.00 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:330 Resp: 649072
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 24.2 29.7 44.5#

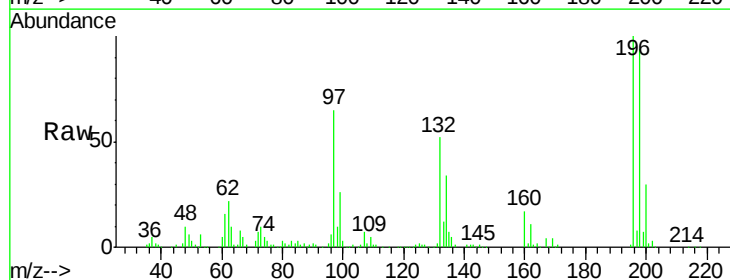


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

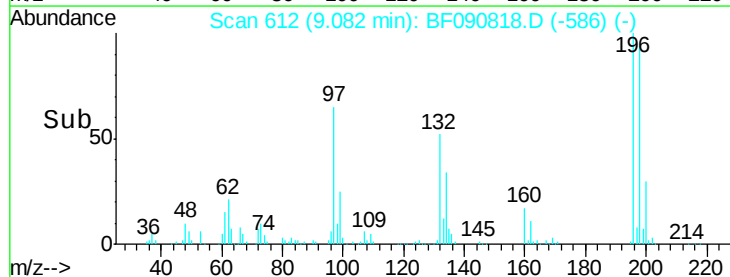
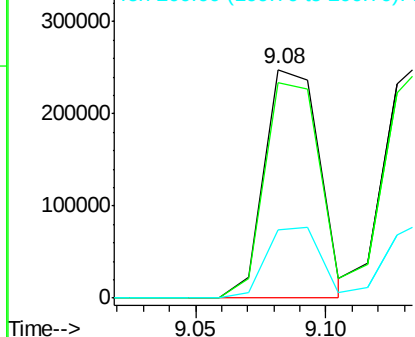


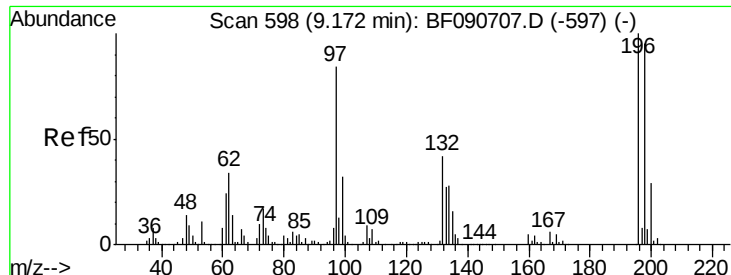
#42
 2,4,6-Trichlorophenol
 Concen: 49.70 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:196 Resp: 363008
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.7 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

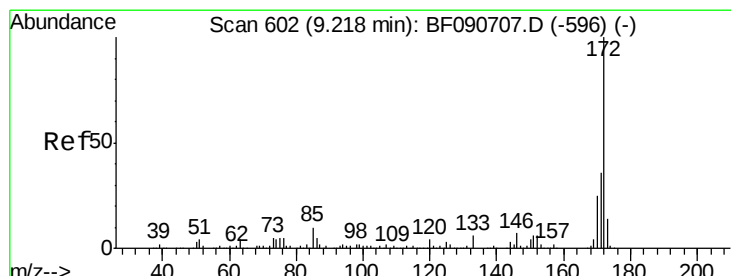
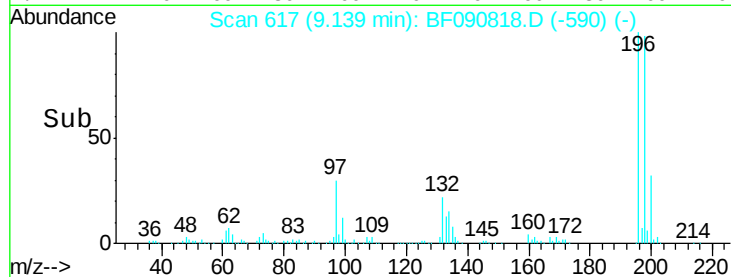
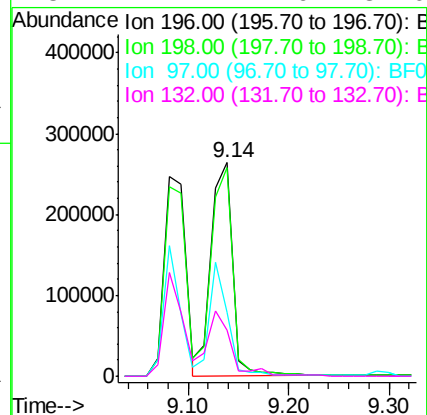
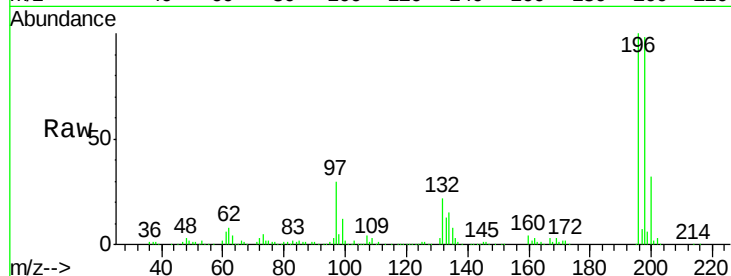




#43
 2,4,5-Trichlorophenol
 Concen: 52.98 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

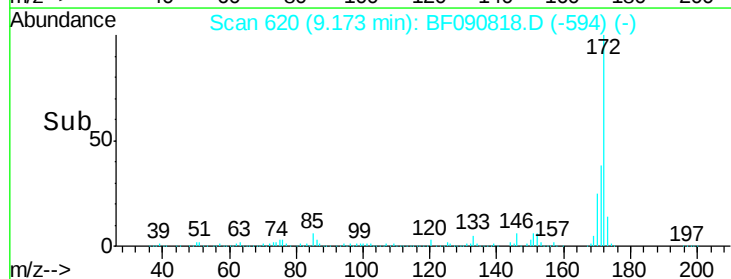
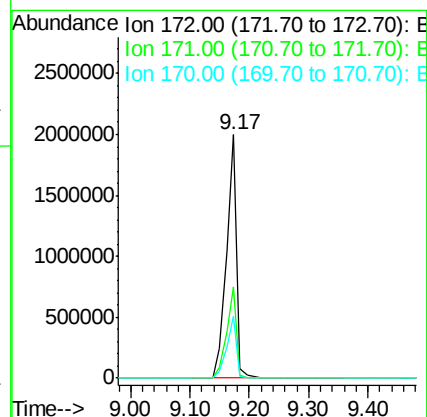
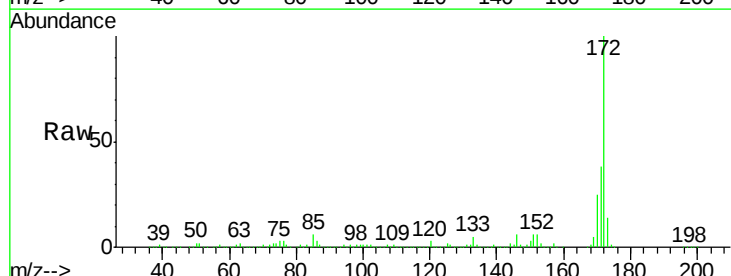
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

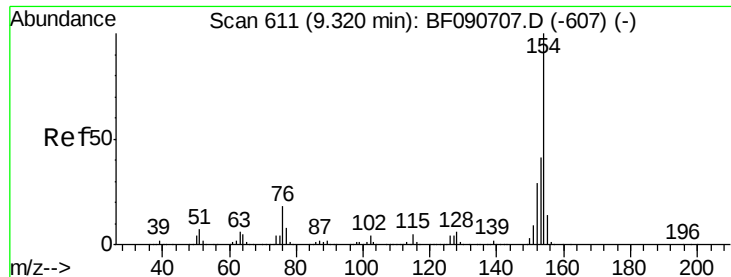
Tgt Ion:196 Resp: 392673
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.4 113.0
 97 30.1 33.3 49.9#
 132 21.7 24.6 37.0#



#44
 2-Fluorobiphenyl
 Concen: 83.83 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:172 Resp: 2355359
 Ion Ratio Lower Upper
 172 100
 171 37.7 26.1 39.1
 170 25.5 17.4 26.2

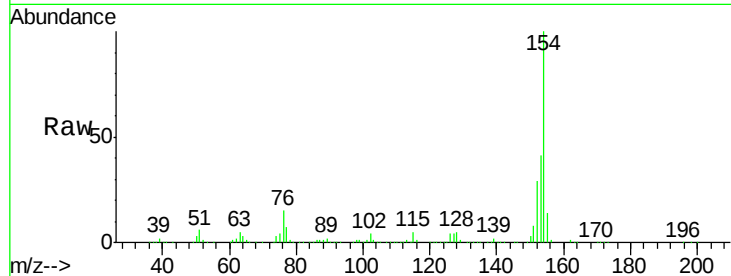




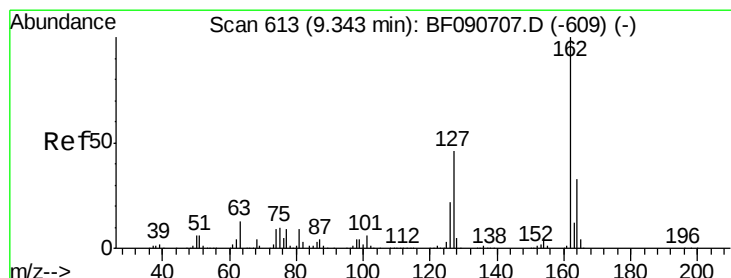
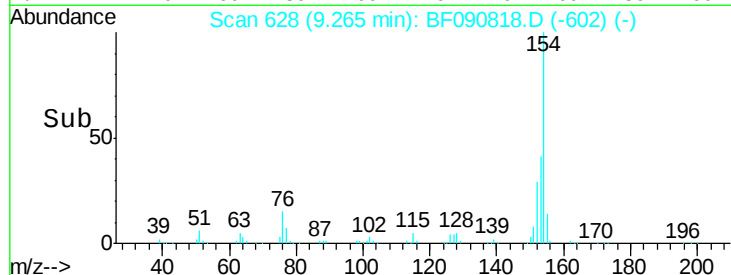
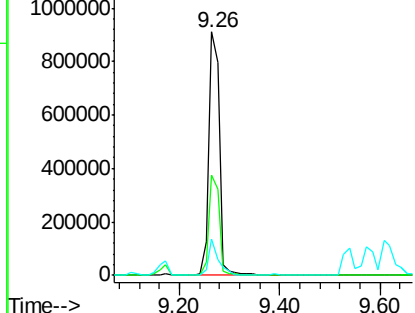
#45
 1,1'-Biphenyl
 Concen: 39.04 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:154 Resp: 1337367
 Ion Ratio Lower Upper
 154 100
 153 41.3 17.1 57.1
 76 14.8 0.0 31.6

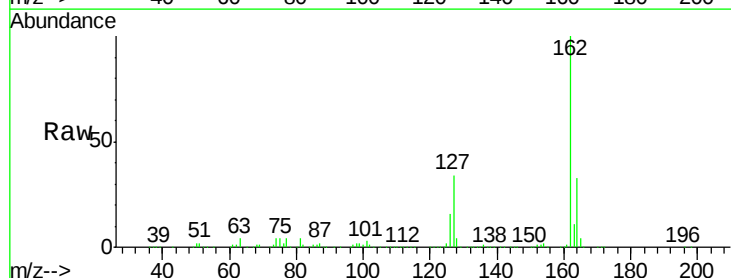


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

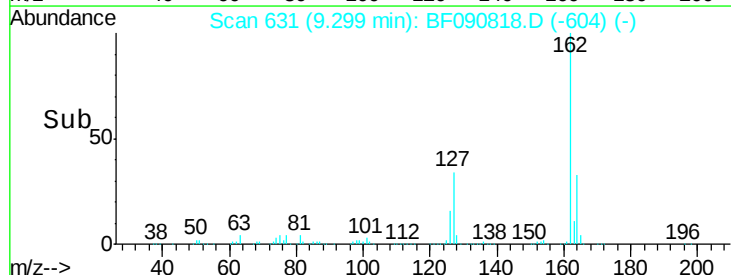
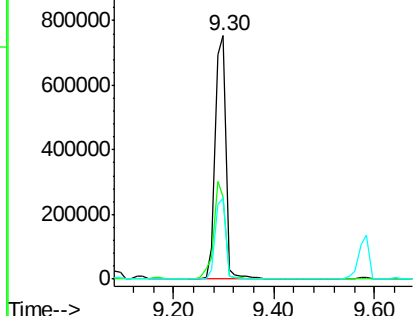


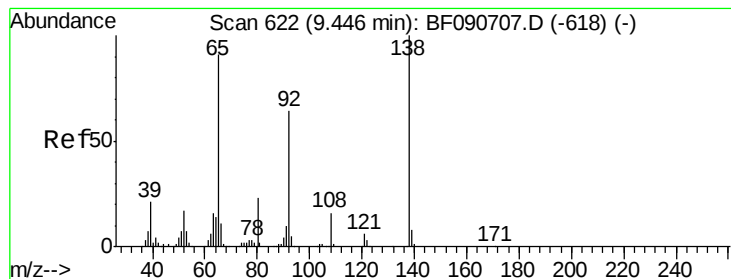
#46
 2-Chloronaphthalene
 Concen: 44.24 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:162 Resp: 1126369
 Ion Ratio Lower Upper
 162 100
 127 33.6 27.6 41.4
 164 33.2 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.46 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

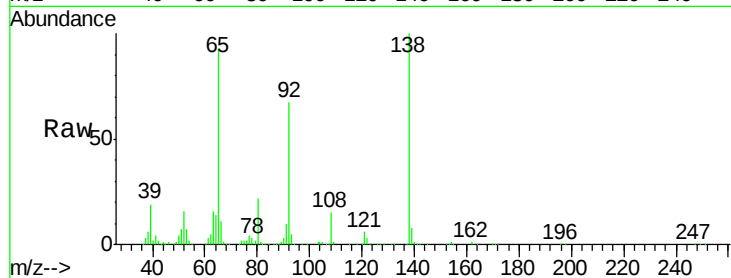
Tgt Ion: 65 Resp: 291237

Ion Ratio Lower Upper

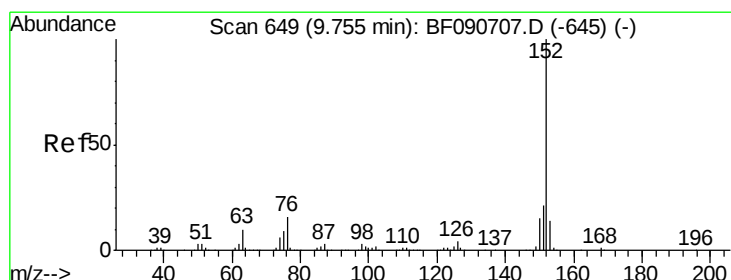
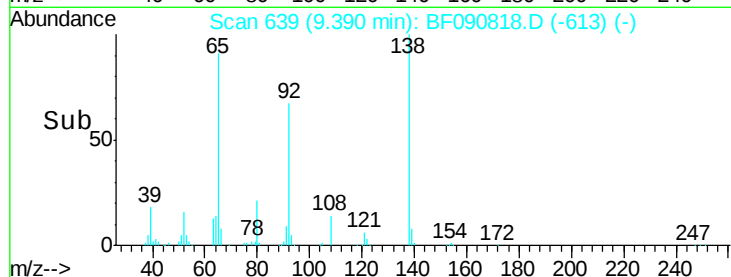
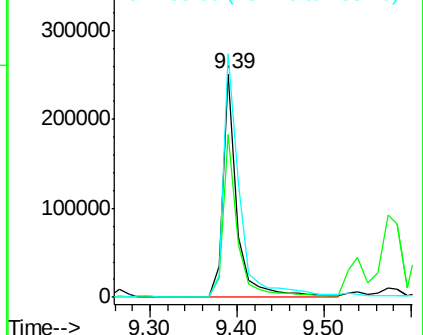
65 100

92 72.8 55.4 83.0

138 108.9 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.21 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

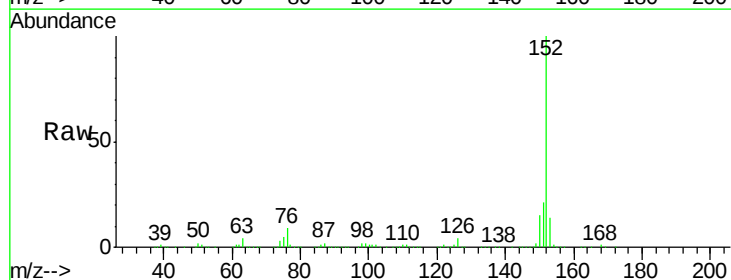
Tgt Ion: 152 Resp: 1756390

Ion Ratio Lower Upper

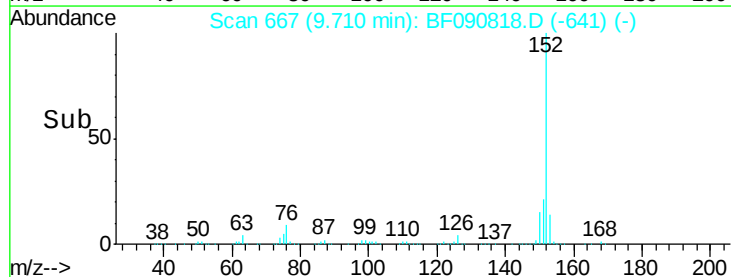
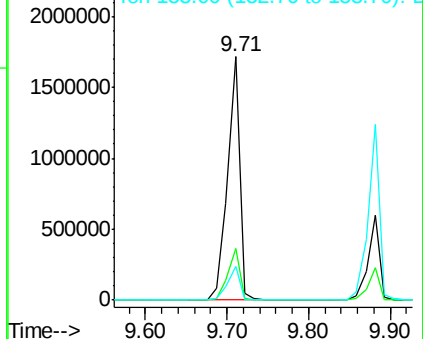
152 100

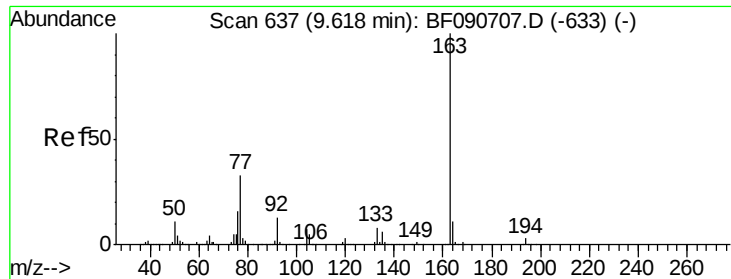
151 21.1 14.6 22.0

153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

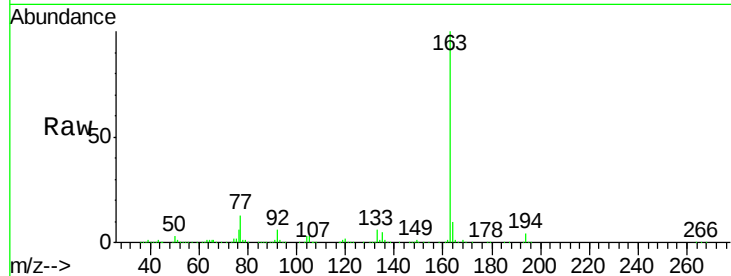




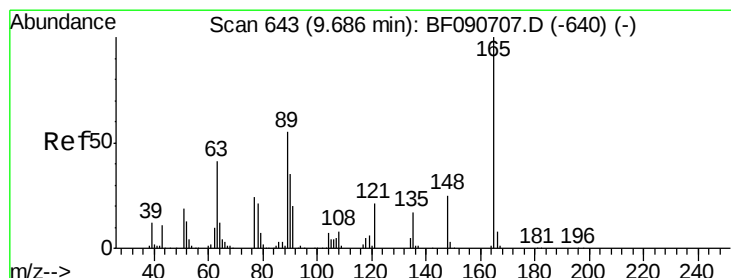
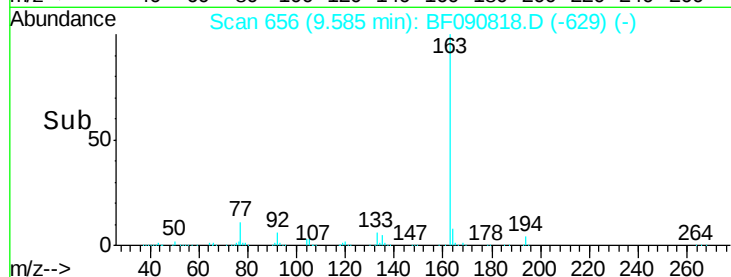
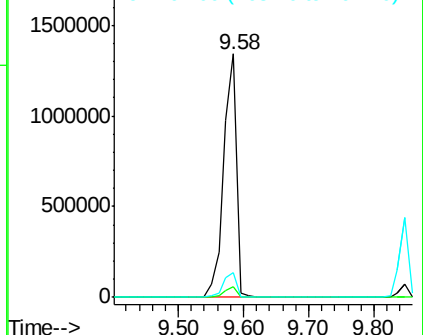
#49
Dimethylphthalate
Concen: 67.24 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:163 Resp: 1842891
Ion Ratio Lower Upper
163 100
194 4.2 4.4 6.6#
164 10.0 8.3 12.5

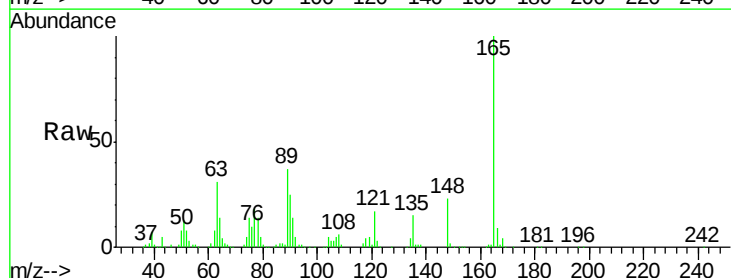


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

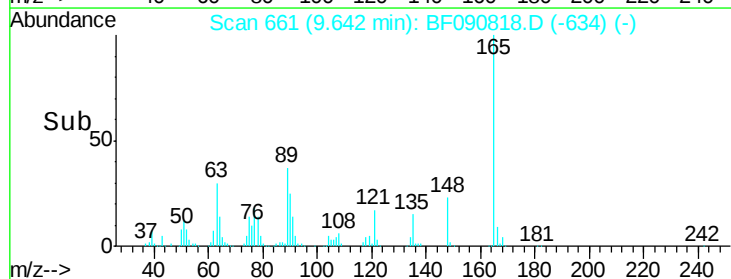
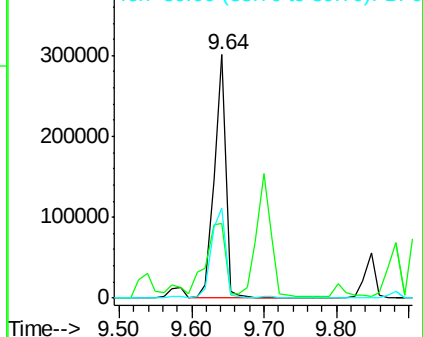


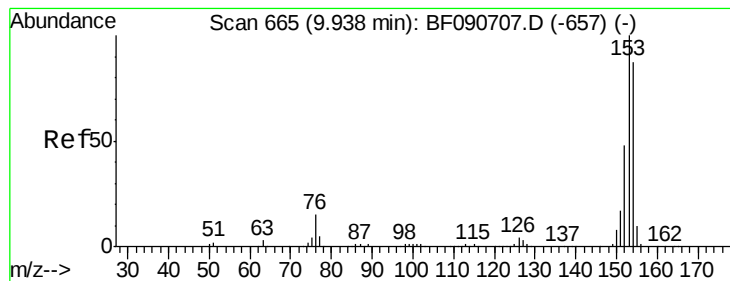
#50
2,6-Dinitrotoluene
Concen: 56.85 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion:165 Resp: 335062
Ion Ratio Lower Upper
165 100
63 30.6 32.3 48.5#
89 36.8 28.6 43.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.24 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

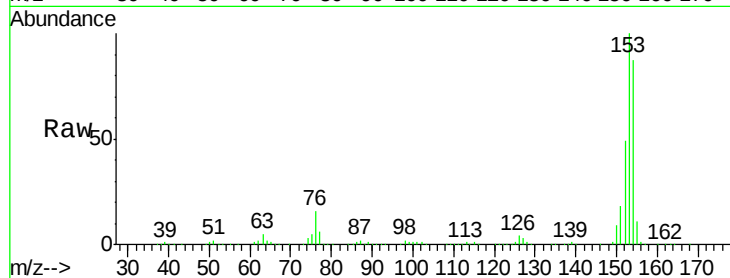
Tgt Ion:154 Resp: 1089504

Ion Ratio Lower Upper

154 100

153 115.3 82.1 123.1

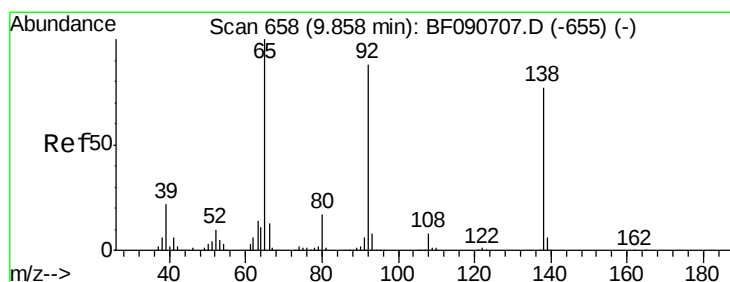
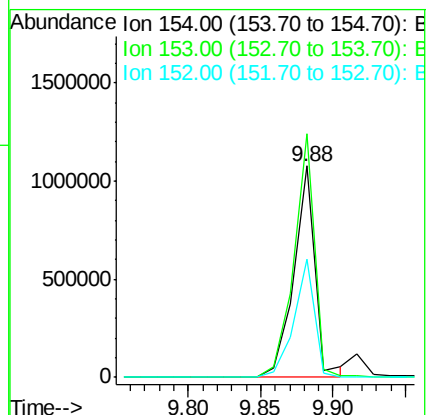
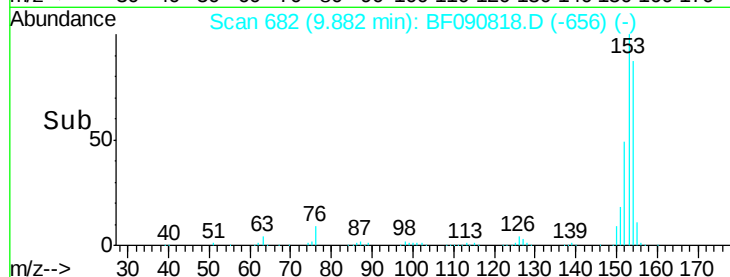
152 56.1 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.70 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

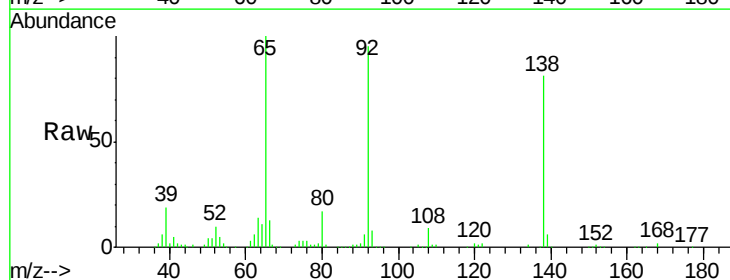
Tgt Ion:138 Resp: 140231

Ion Ratio Lower Upper

138 100

108 10.6 5.7 8.5#

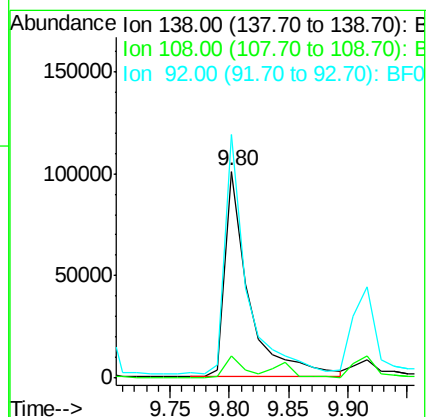
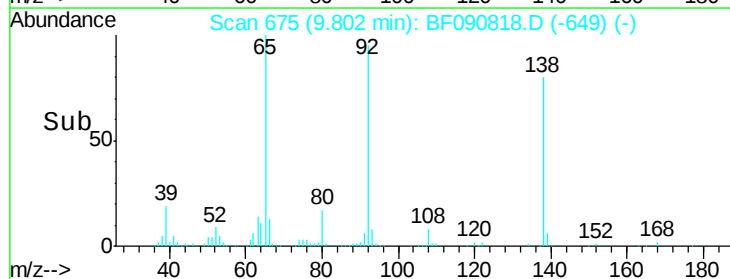
92 117.7 67.7 101.5#

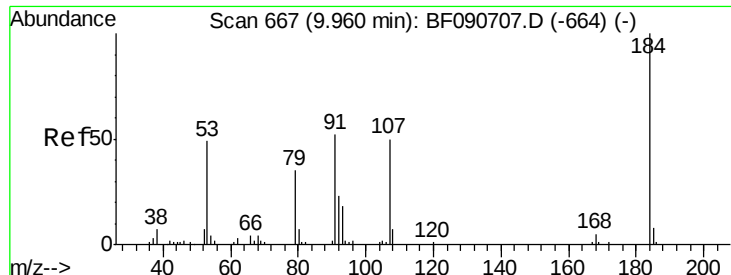


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

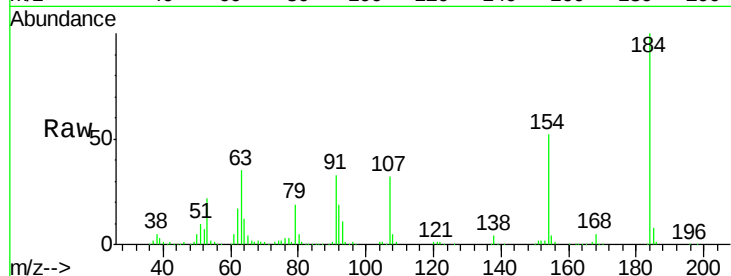




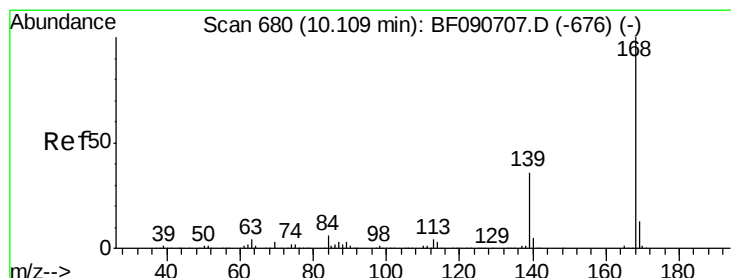
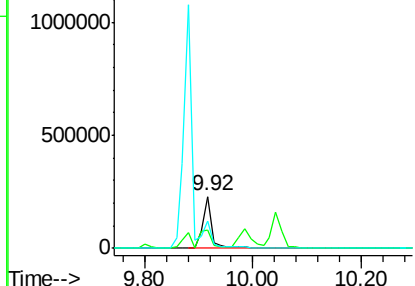
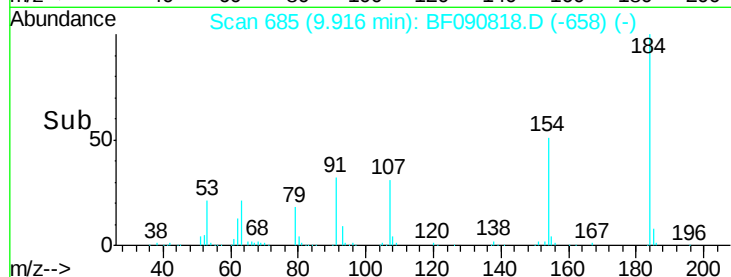
#53
 2,4-Dinitrophenol
 Concen: 81.44 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

Tgt Ion:184 Resp: 277667
 Ion Ratio Lower Upper
 184 100
 63 35.1 35.4 53.2#
 154 51.7 32.2 48.4#

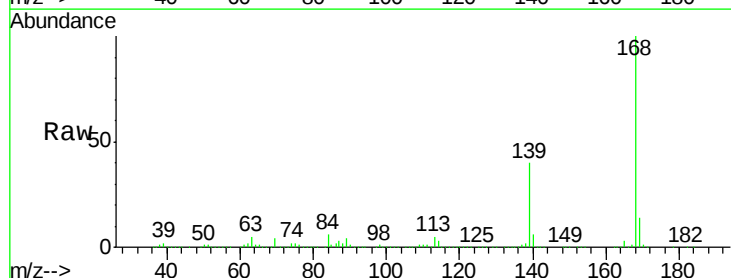


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

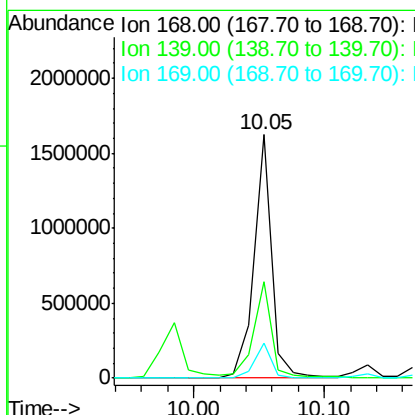
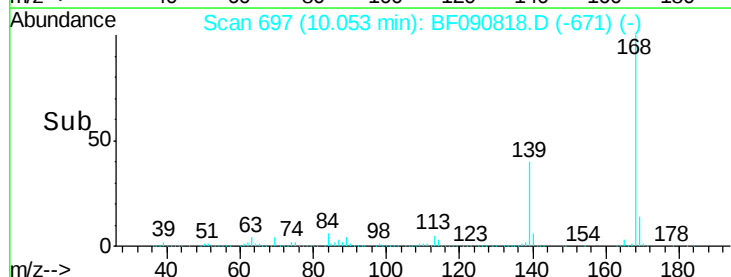


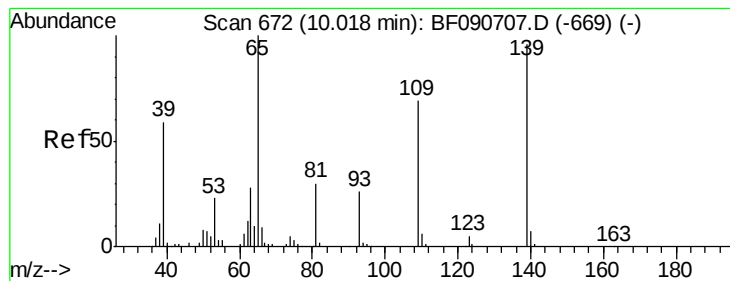
#54
 Dibenzofuran
 Concen: 49.10 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:168 Resp: 1533873
 Ion Ratio Lower Upper
 168 100
 139 39.6 24.2 36.2#
 169 14.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 105.31 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

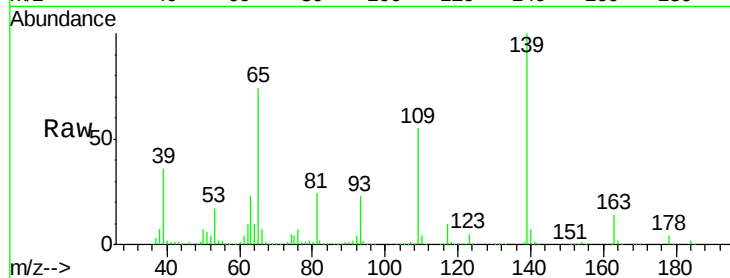
Tgt Ion:139 Resp: 446788

Ion Ratio Lower Upper

139 100

109 55.0 12.7 52.7#

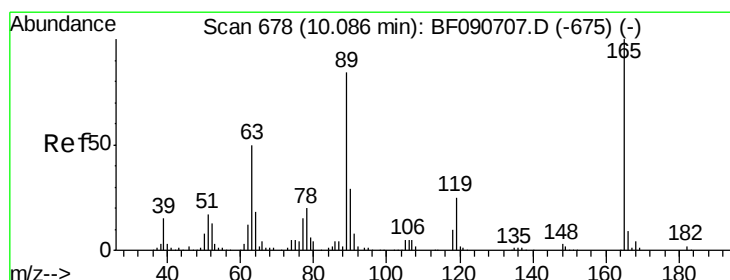
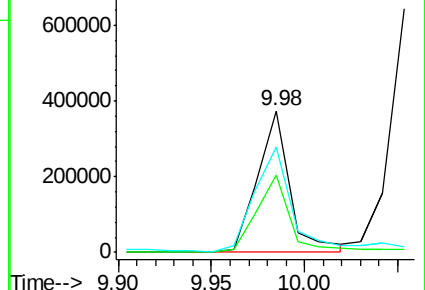
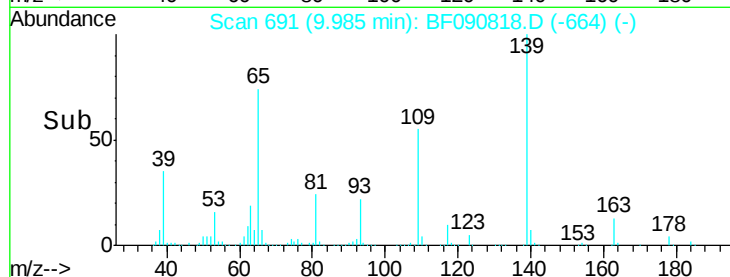
65 74.2 45.9 85.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 53.37 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Tgt Ion:165 Resp: 384450

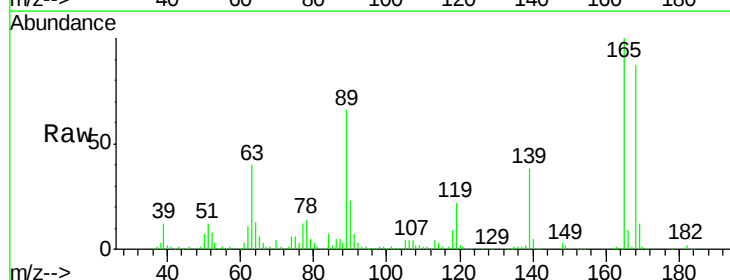
Ion Ratio Lower Upper

165 100

63 39.8 29.8 44.6

89 66.4 44.5 66.7

182 2.4 3.0 4.4#

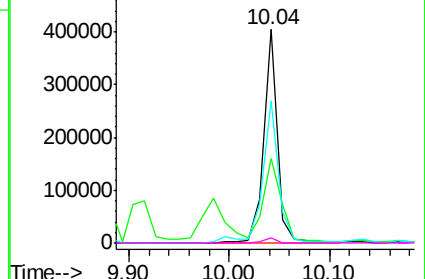
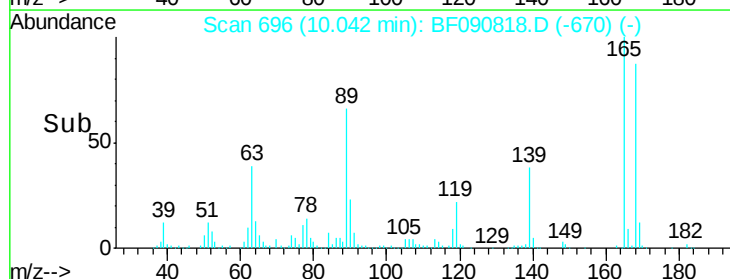


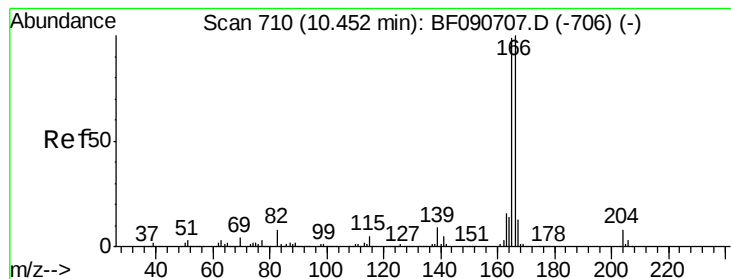
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.38 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

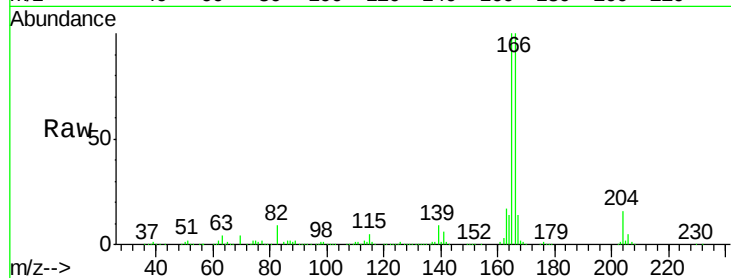
Tgt Ion:166 Resp: 1252588

Ion Ratio Lower Upper

166 100

165 100.0 72.6 109.0

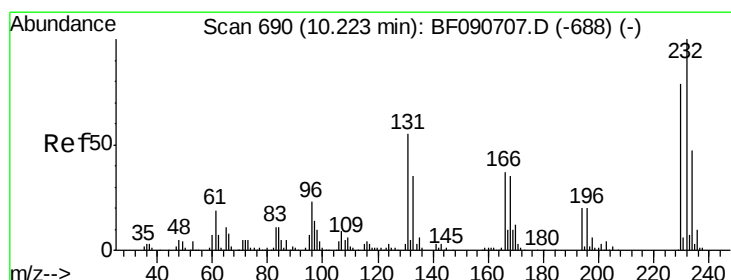
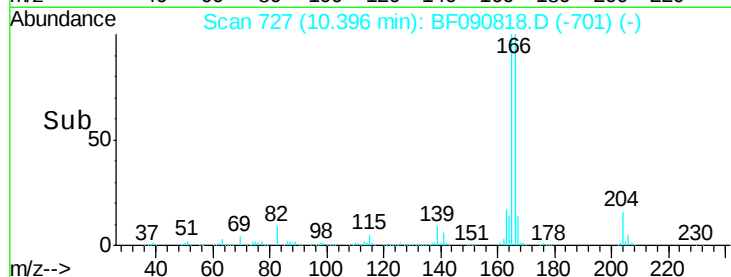
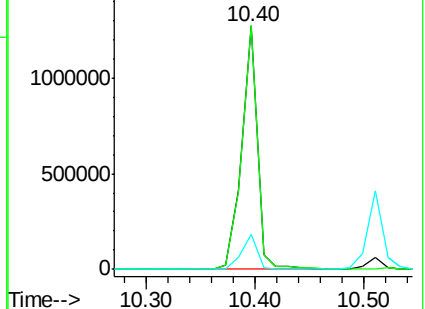
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.57 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Tgt Ion:232 Resp: 352329

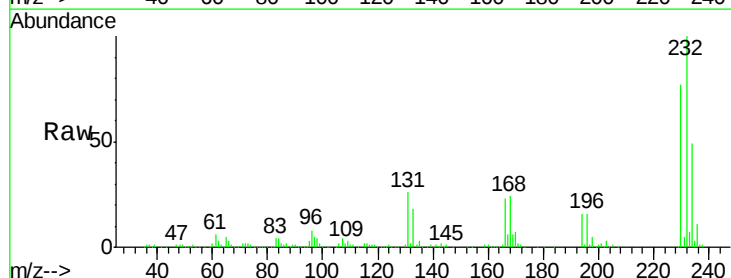
Ion Ratio Lower Upper

232 100

131 41.4 38.5 57.7

130 1.8 1.8 2.6

166 28.3 25.0 37.6

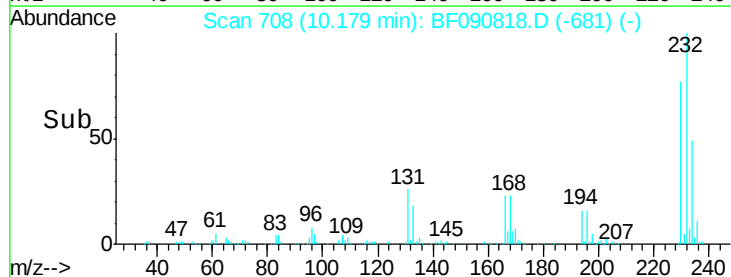
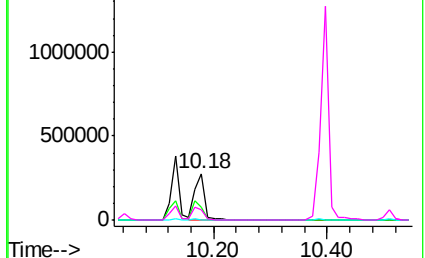


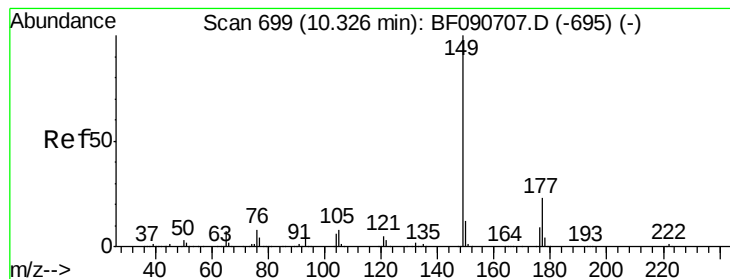
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.47 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

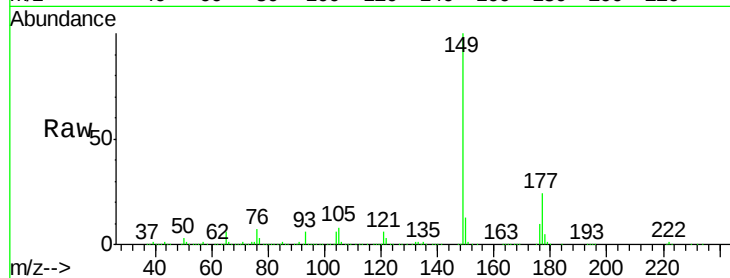
Tgt Ion:149 Resp: 1377786

Ion Ratio Lower Upper

149 100

177 24.0 17.5 26.3

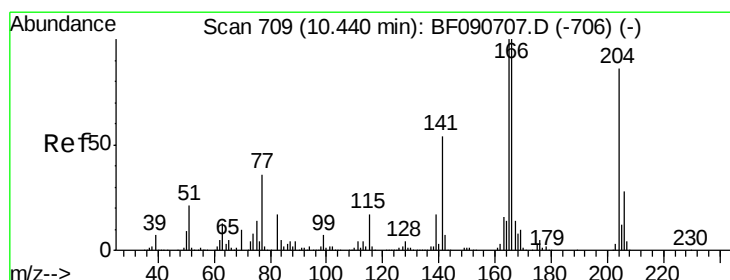
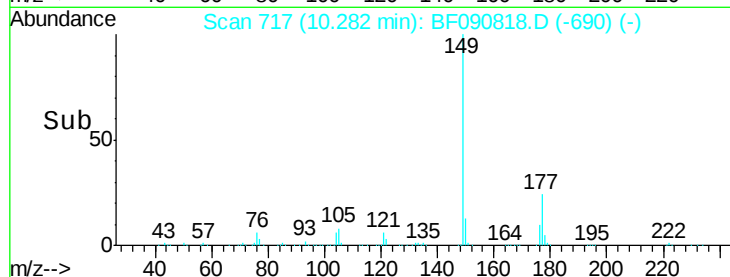
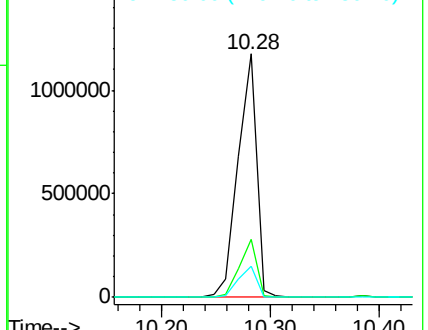
150 12.5 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.00 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

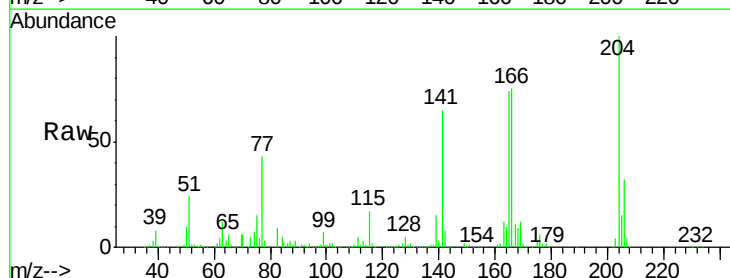
Tgt Ion:204 Resp: 567940

Ion Ratio Lower Upper

204 100

206 32.4 24.8 37.2

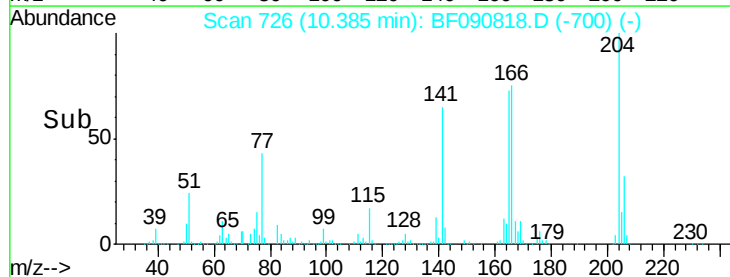
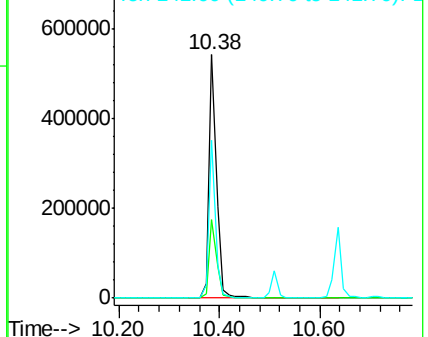
141 64.8 42.2 63.4#

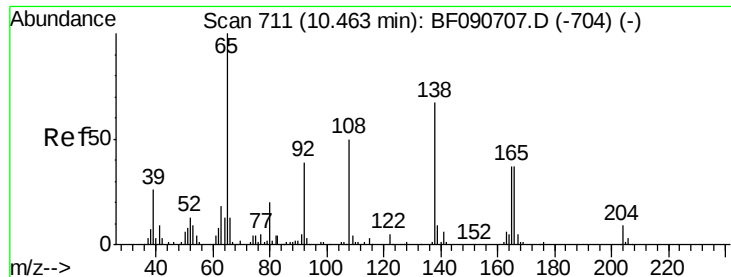


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.35 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

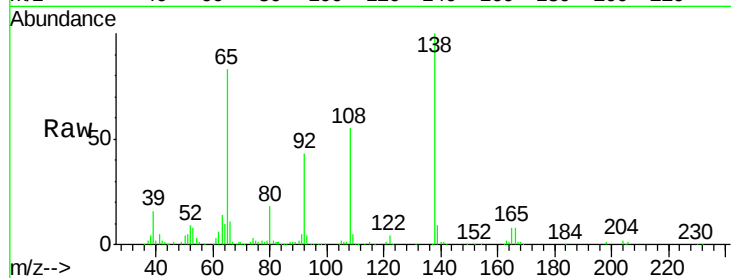
Tgt Ion:138 Resp: 304315

Ion Ratio Lower Upper

138 100

92 42.9 12.6 52.6

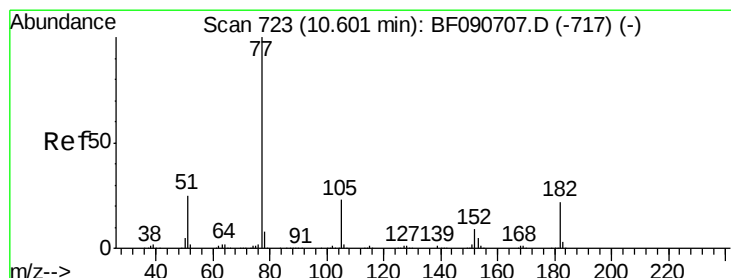
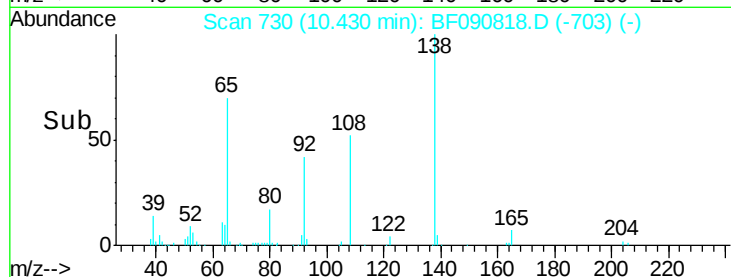
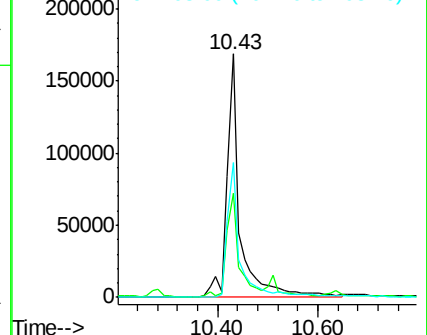
108 55.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.52 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Tgt Ion: 77 Resp: 1182254

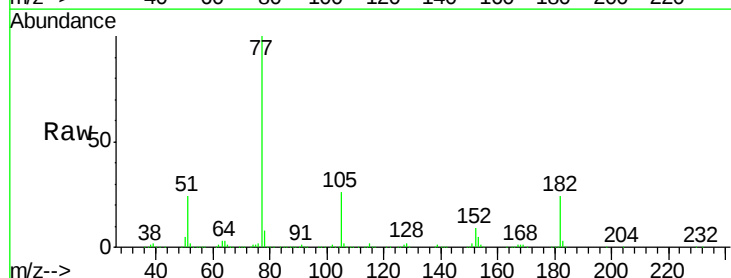
Ion Ratio Lower Upper

77 100

182 24.0 15.1 55.1

105 25.6 3.4 43.4

51 23.6 12.0 52.0

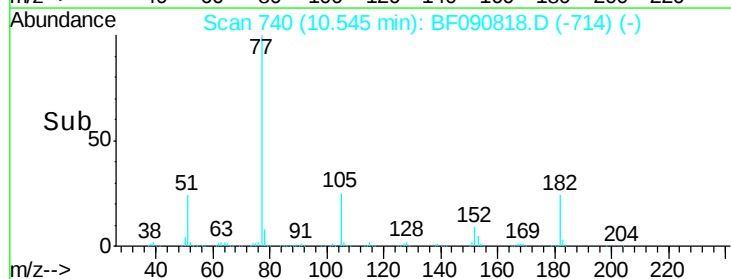
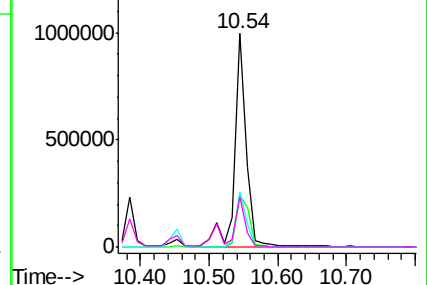


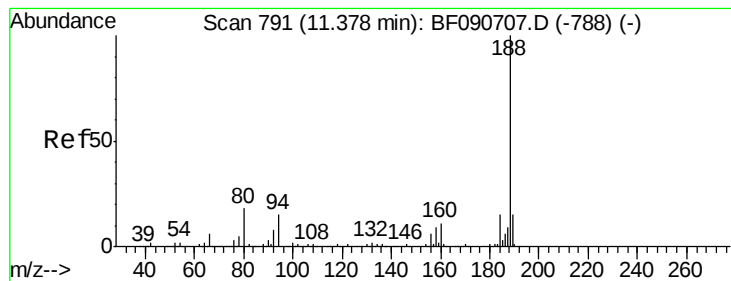
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

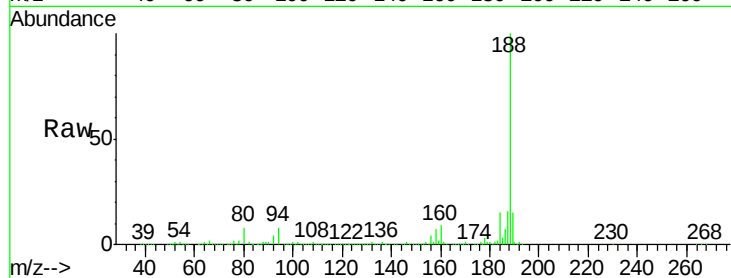
Tgt Ion:188 Resp: 723031

Ion Ratio Lower Upper

188 100

94 7.5 11.1 16.7#

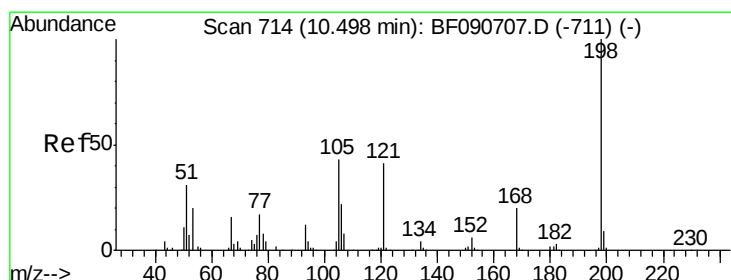
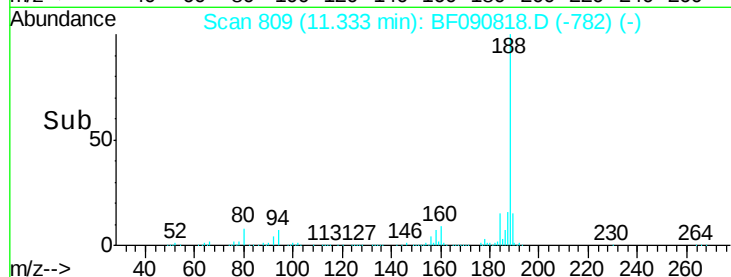
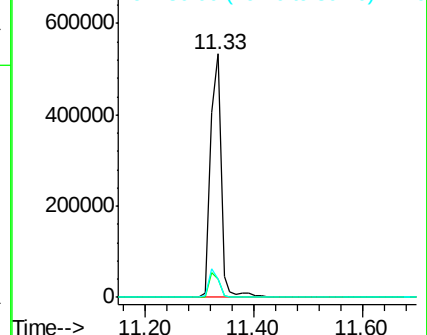
80 7.8 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.44 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

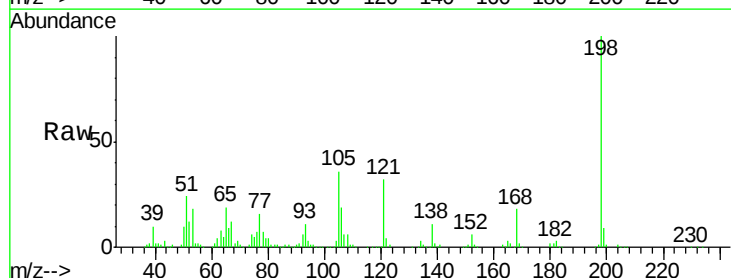
Tgt Ion:198 Resp: 228795

Ion Ratio Lower Upper

198 100

51 23.9 39.6 79.6#

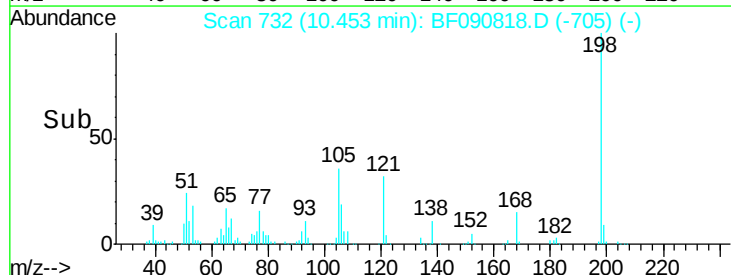
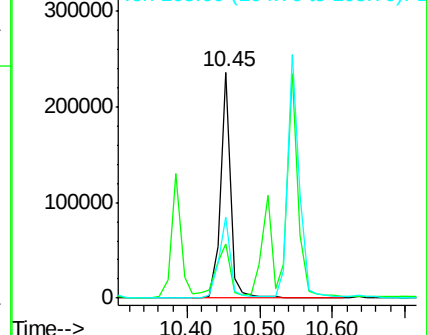
105 35.6 28.5 68.5

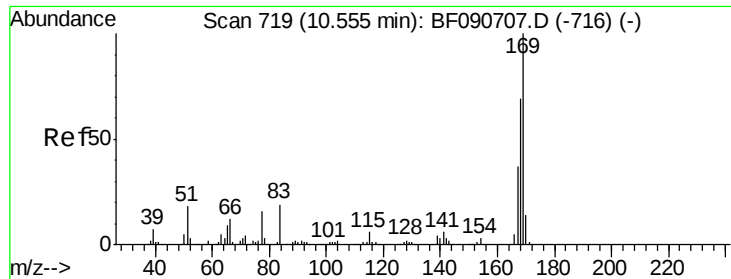


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.22 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

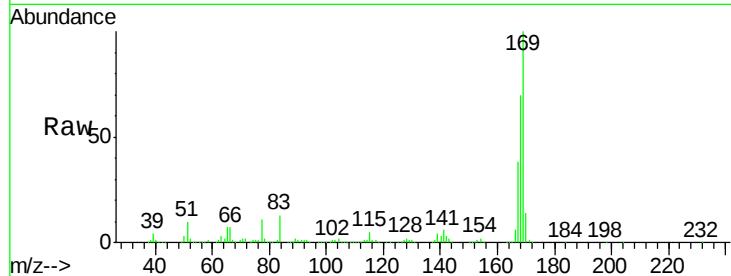
Tgt Ion:169 Resp: 1047559

Ion Ratio Lower Upper

169 100

168 69.7 48.9 73.3

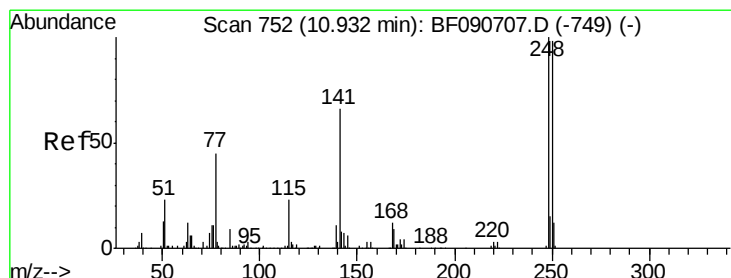
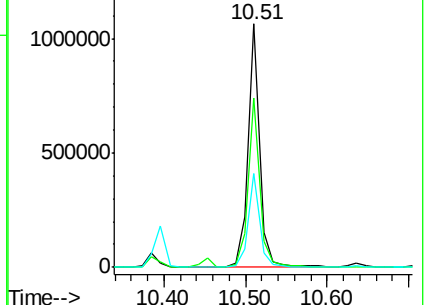
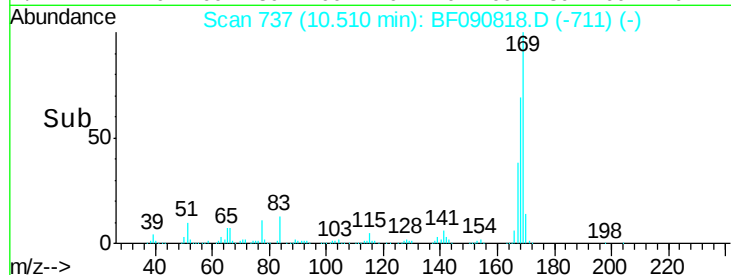
167 38.4 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 55.35 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

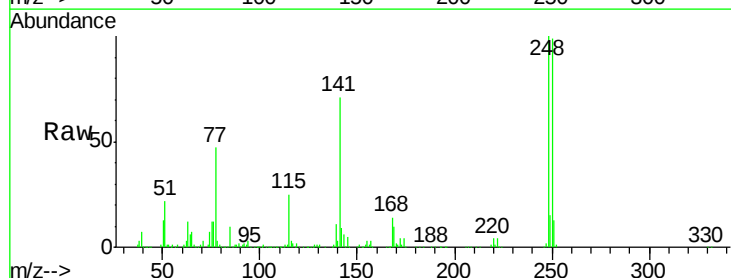
Tgt Ion:248 Resp: 387946

Ion Ratio Lower Upper

248 100

250 98.8 78.5 117.7

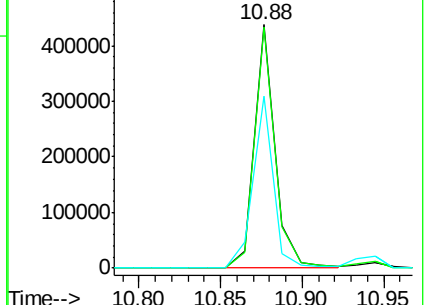
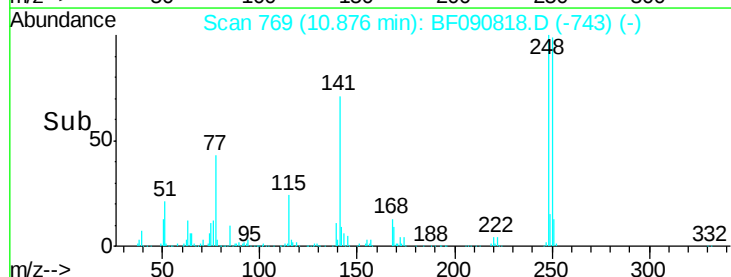
141 70.8 59.0 88.6

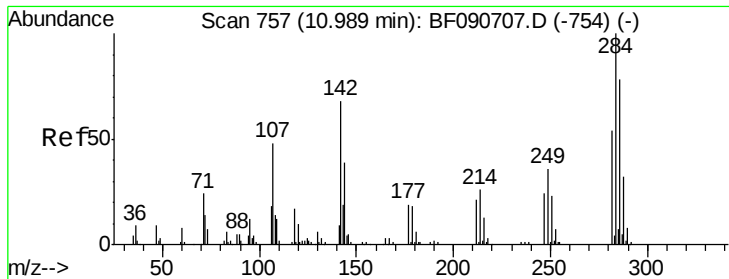


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 58.93 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

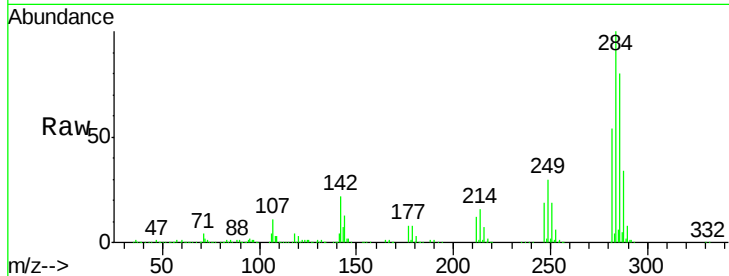
Tgt Ion:284 Resp: 487437

Ion Ratio Lower Upper

284 100

142 22.0 29.5 44.3#

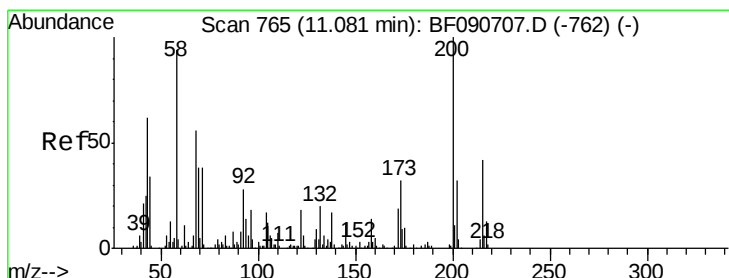
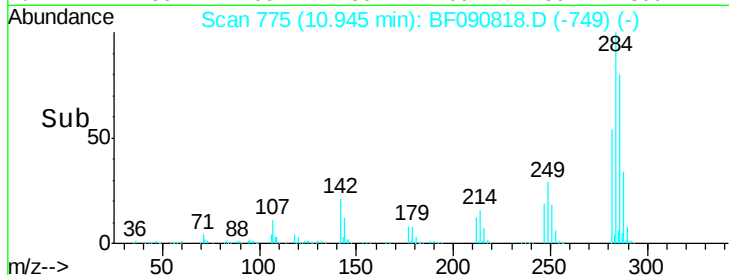
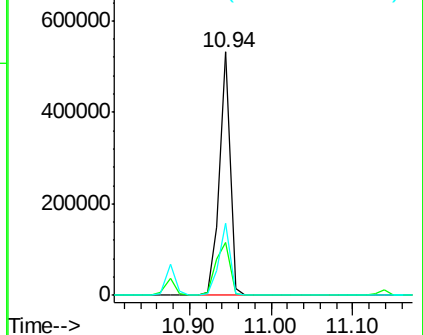
249 29.5 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 58.29 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

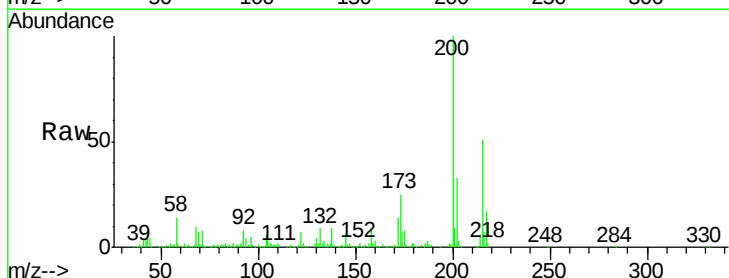
Tgt Ion:200 Resp: 372709

Ion Ratio Lower Upper

200 100

173 24.7 13.2 53.2

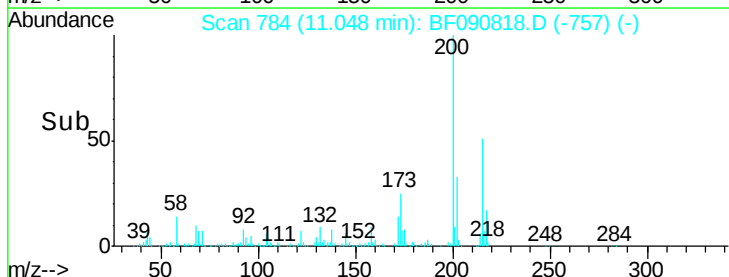
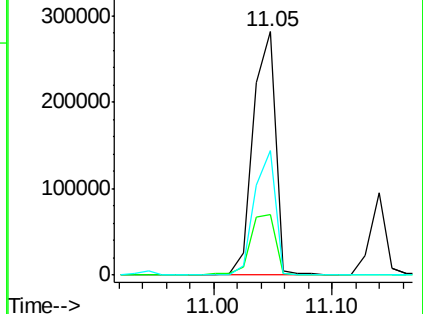
215 51.4 41.8 81.8

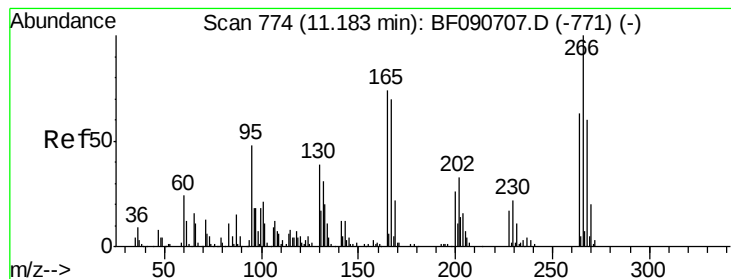


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 88.82 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

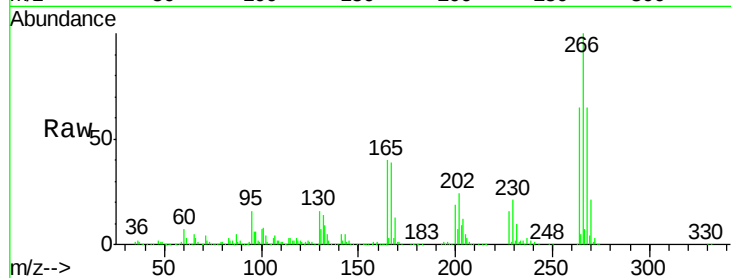
Tgt Ion:266 Resp: 483397

Ion Ratio Lower Upper

266 100

268 64.9 49.8 74.6

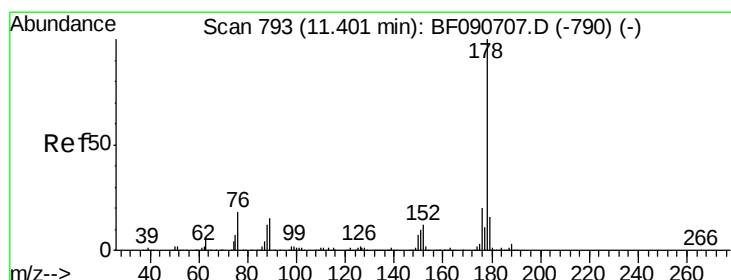
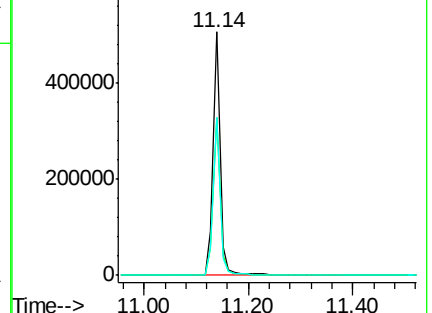
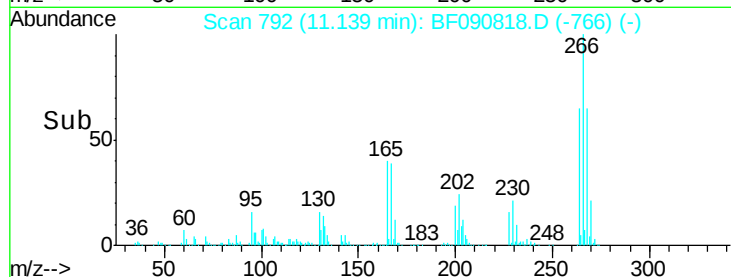
264 64.9 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.02 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

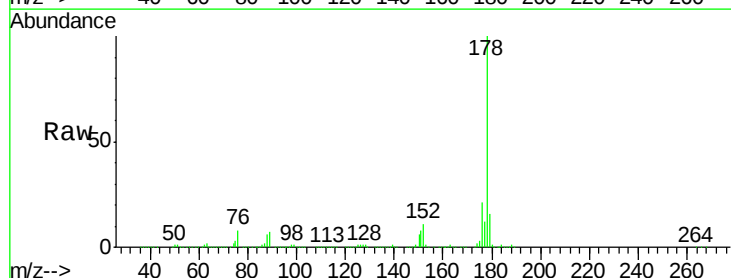
Tgt Ion:178 Resp: 1769798

Ion Ratio Lower Upper

178 100

176 20.6 13.8 20.8

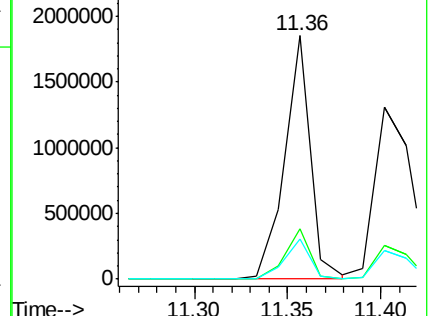
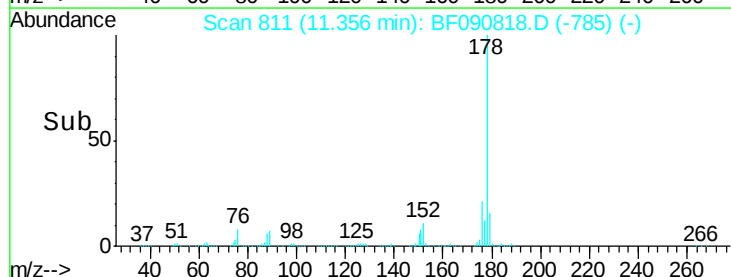
179 16.3 12.2 18.2

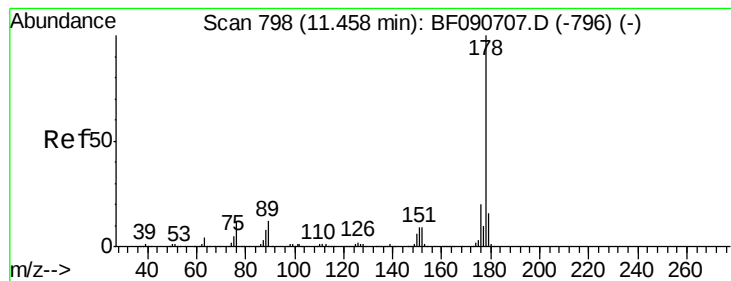


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.28 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

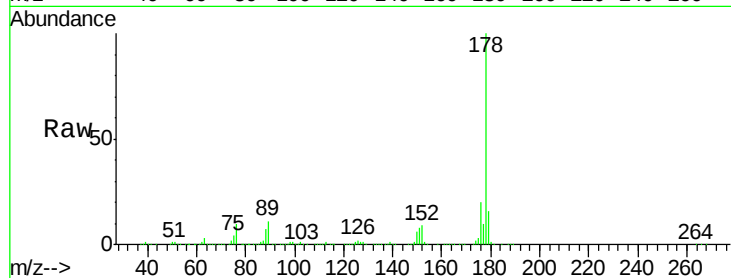
Tgt Ion:178 Resp: 1809831

Ion Ratio Lower Upper

178 100

176 19.6 14.1 21.1

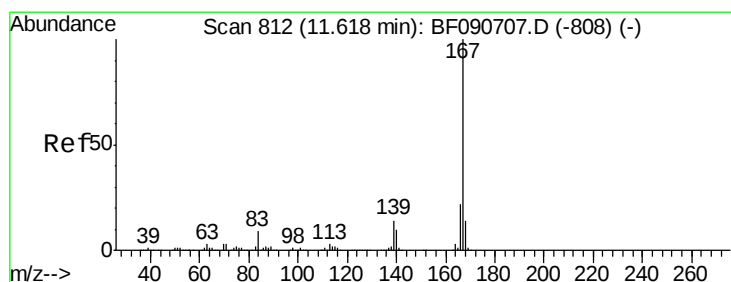
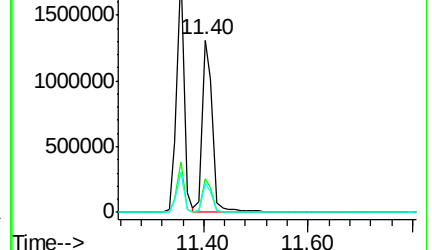
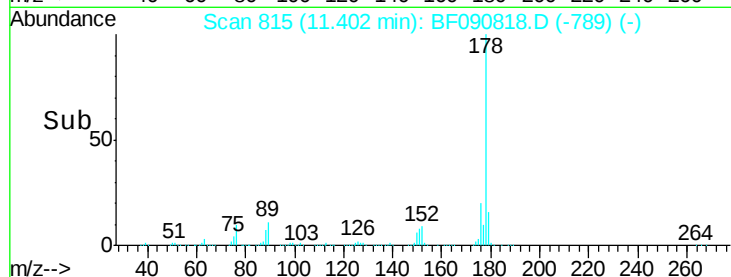
179 16.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.11 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

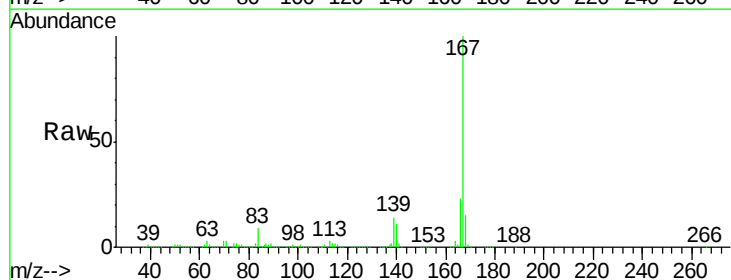
Tgt Ion:167 Resp: 1541453

Ion Ratio Lower Upper

167 100

166 22.9 15.7 23.5

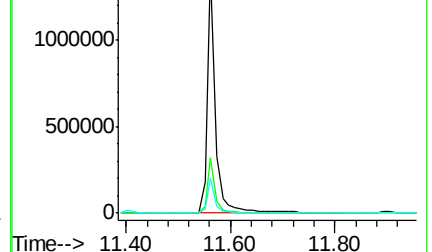
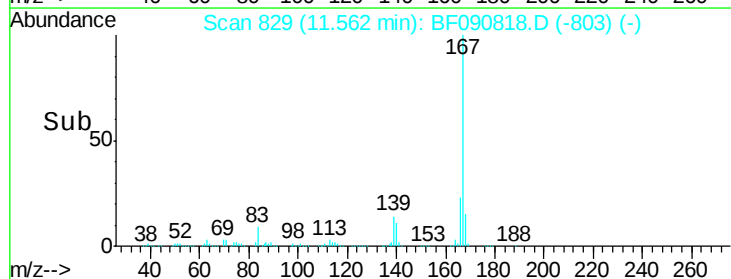
139 14.3 9.5 14.3

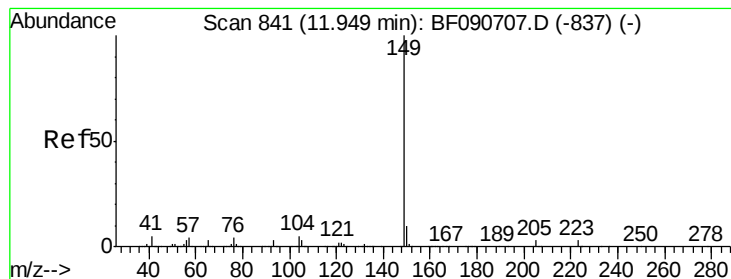


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.97 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

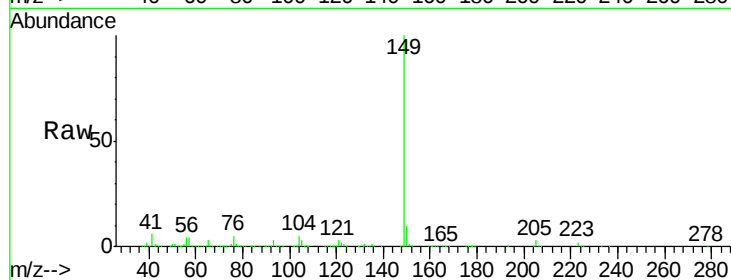
Tgt Ion:149 Resp: 2037445

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

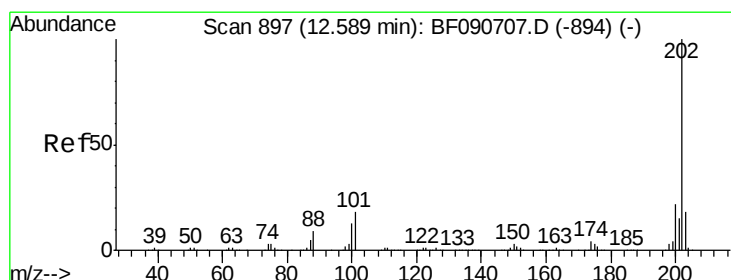
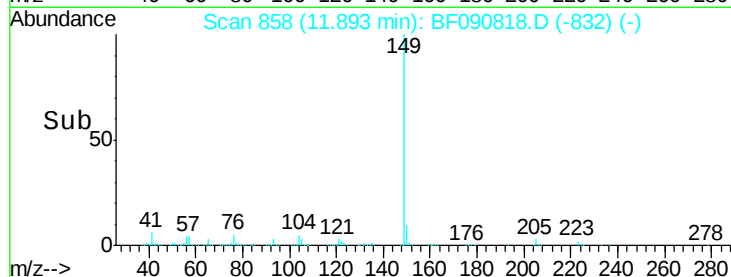
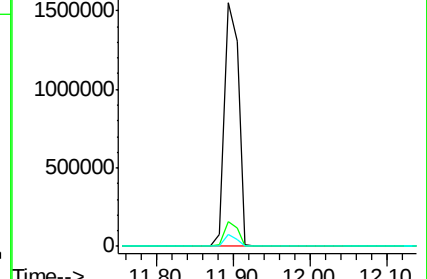
104 4.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.31 ng

RT: 12.54 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

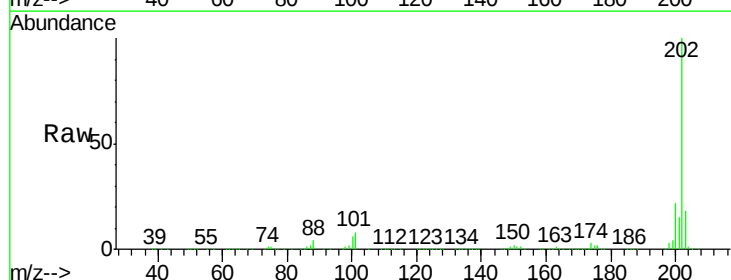
Tgt Ion:202 Resp: 1865002

Ion Ratio Lower Upper

202 100

101 8.4 0.0 38.3

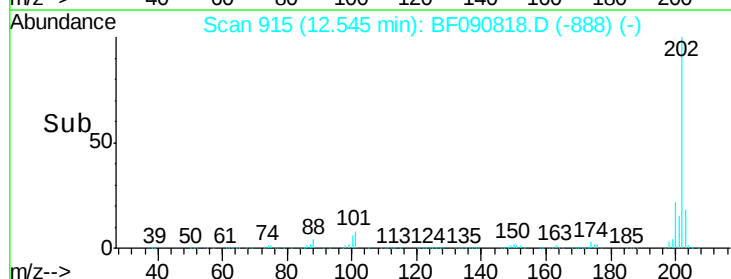
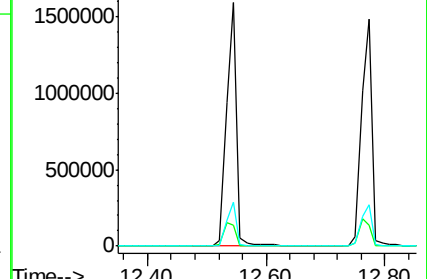
203 18.1 0.0 37.3

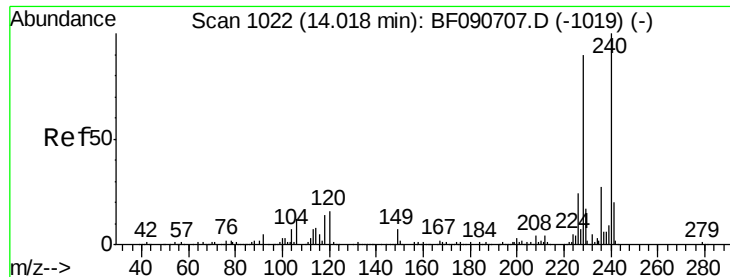


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

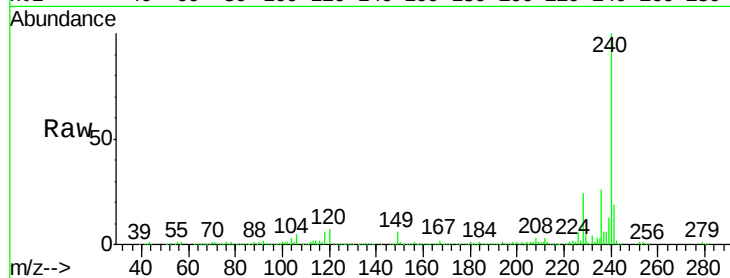
Tgt Ion:240 Resp: 477085

Ion Ratio Lower Upper

240 100

120 7.2 16.2 24.2#

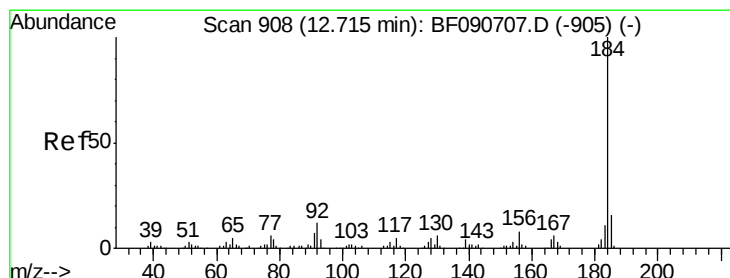
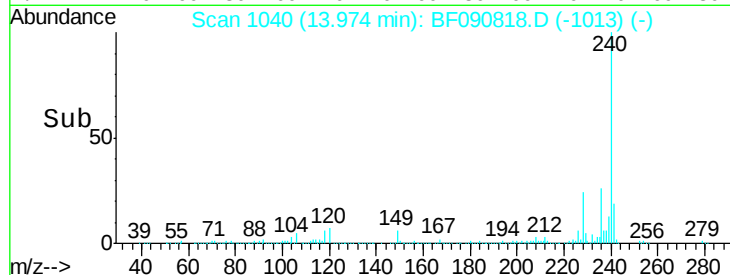
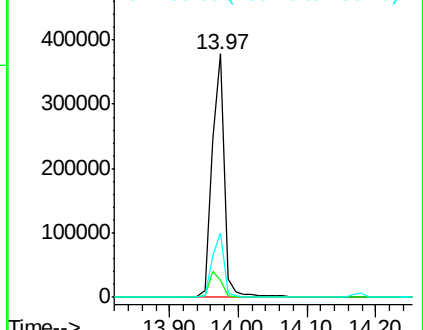
236 26.2 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.92 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

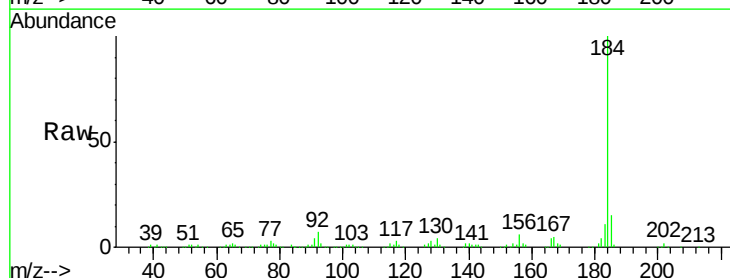
Tgt Ion:184 Resp: 359286

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

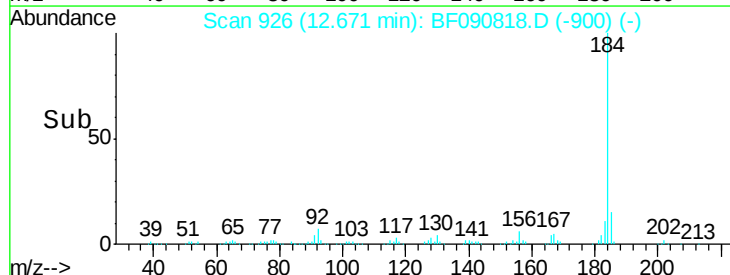
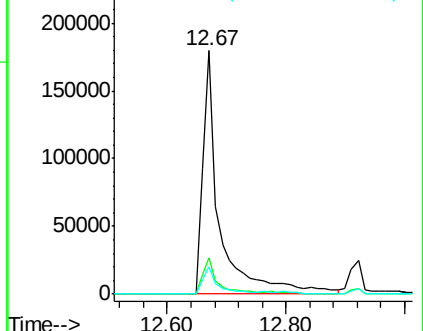
183 11.2 7.6 11.4

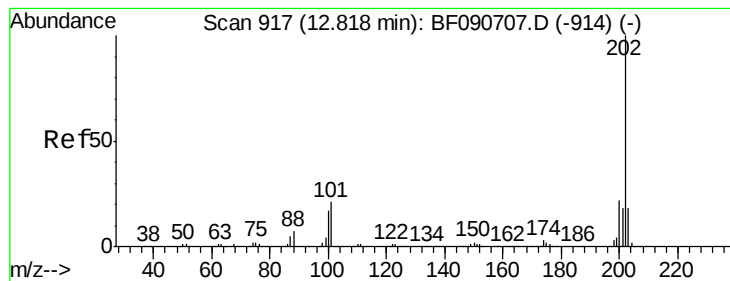


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.52 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

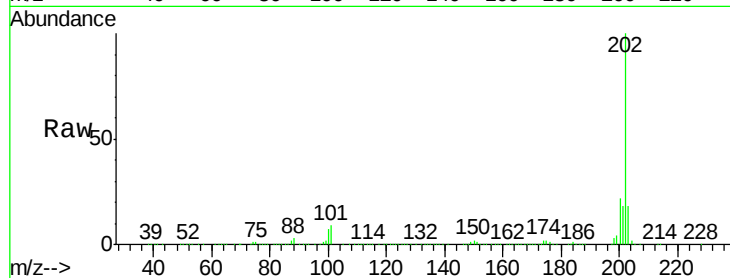
Tgt Ion:202 Resp: 1816795

Ion Ratio Lower Upper

202 100

200 22.2 15.0 22.4

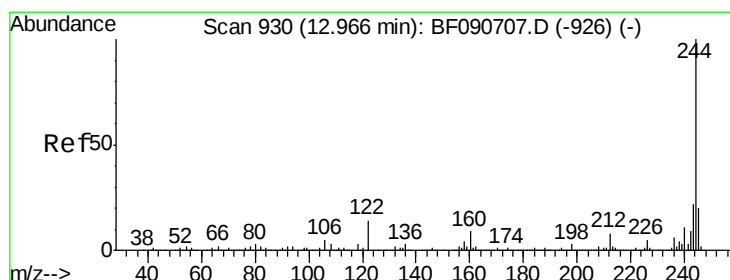
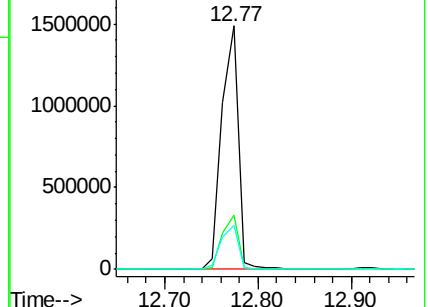
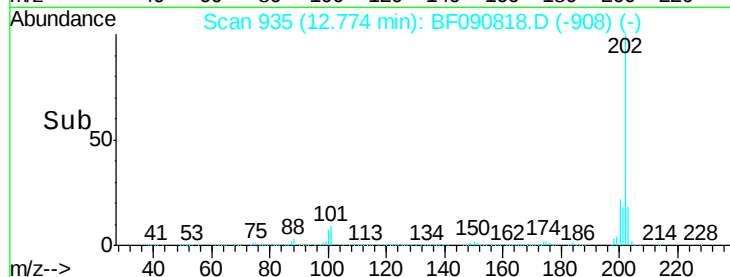
203 18.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 118.64 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

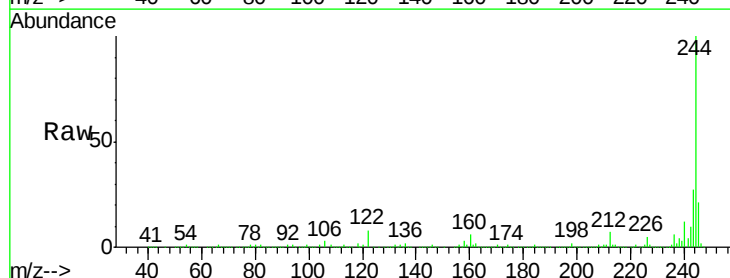
Tgt Ion:244 Resp: 2469677

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

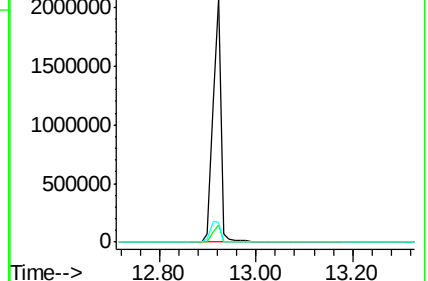
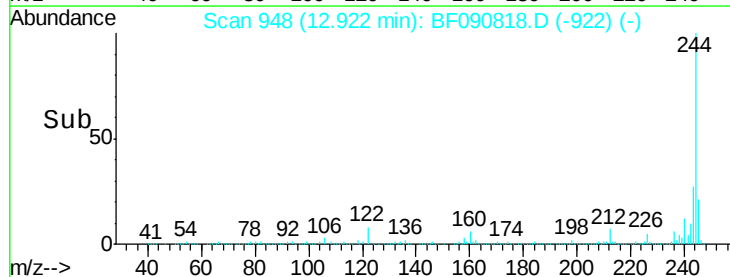
122 8.1 17.4 26.2#

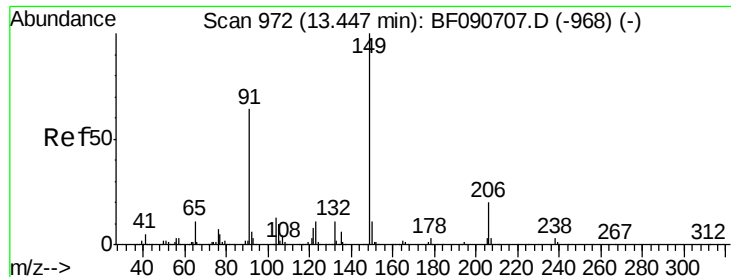


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

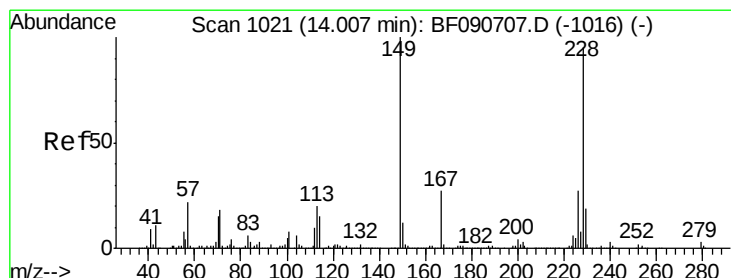
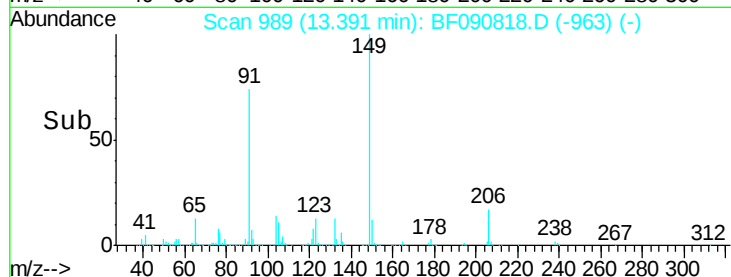
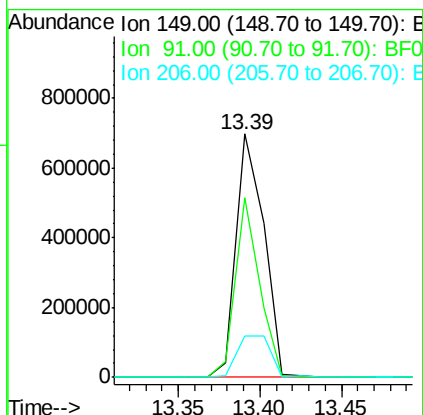
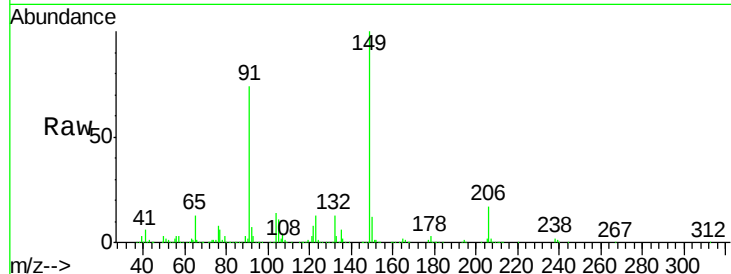




#79
Butylbenzylphthalate
Concen: 53.59 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

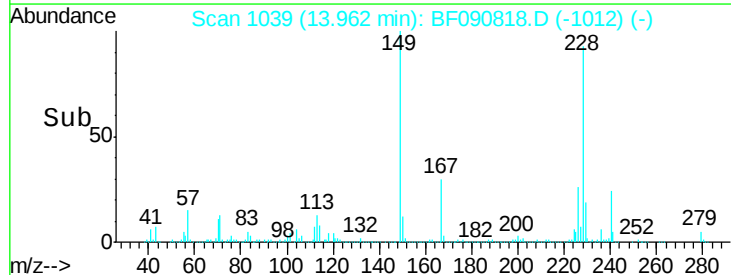
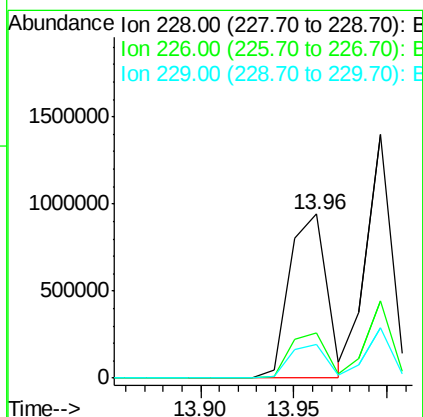
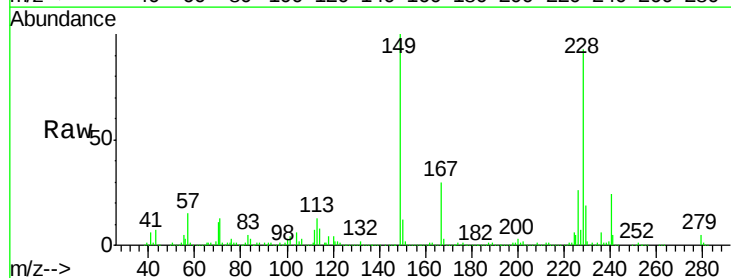
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

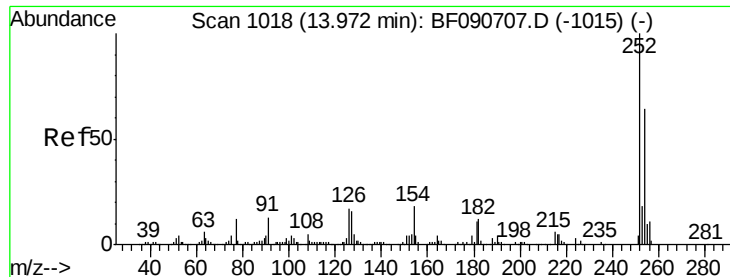
Tgt Ion:149 Resp: 820750
Ion Ratio Lower Upper
149 100
91 73.7 48.6 72.8#
206 17.0 14.9 22.3



#80
Benzo(a)anthracene
Concen: 49.47 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090818.D
Acq: 25 Oct 2016 20:12

Tgt Ion:228 Resp: 1291493
Ion Ratio Lower Upper
228 100
226 27.8 20.0 30.0
229 20.5 15.4 23.2

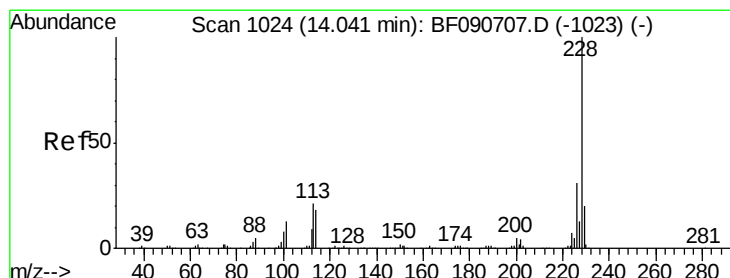
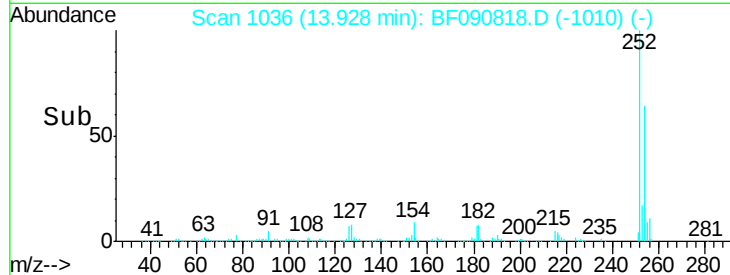
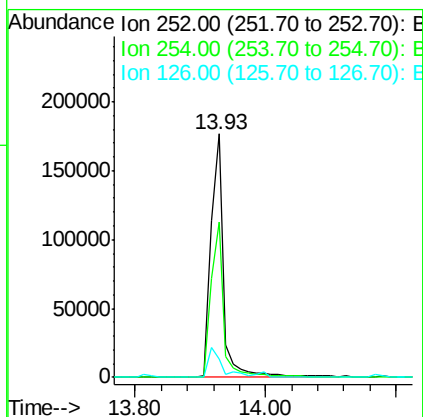
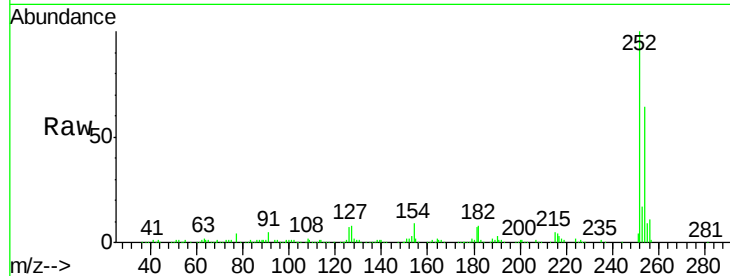




#81
 3,3'-Dichlorobenzidine
 Concen: 26.78 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

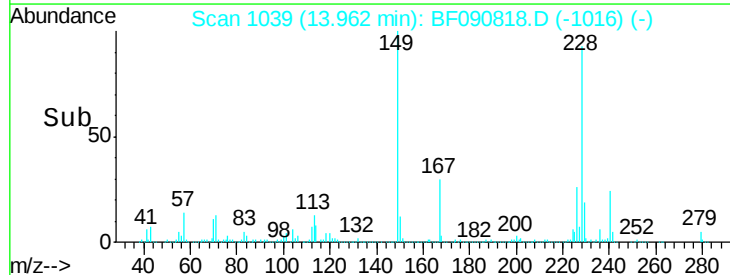
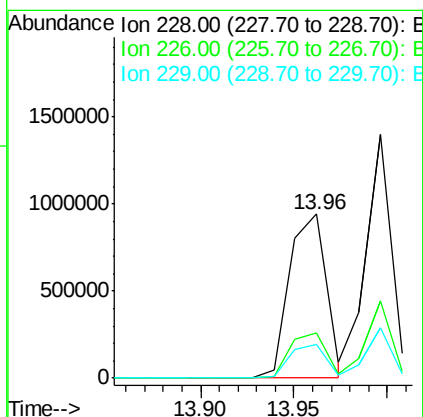
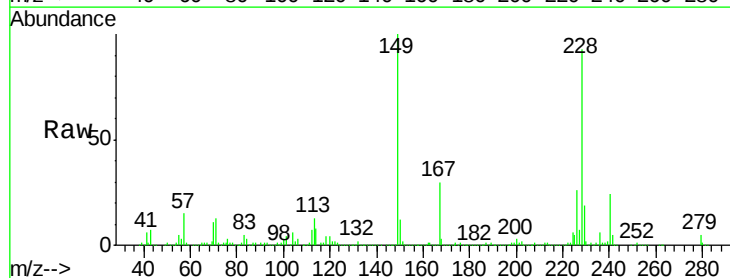
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

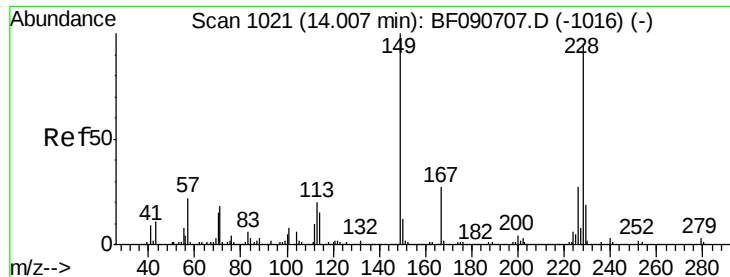
Tgt Ion:252 Resp: 242294
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.2
 126 7.4 16.4 24.6#



#82
 Chrysene
 Concen: 50.68 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion:228 Resp: 1291493
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.0 31.4
 229 20.5 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.50 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

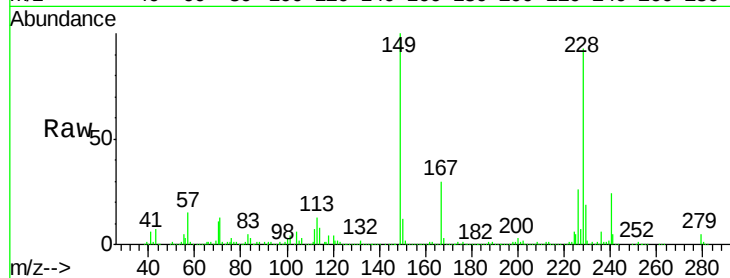
Tgt Ion:149 Resp: 1128459

Ion Ratio Lower Upper

149 100

167 29.6 24.2 36.2

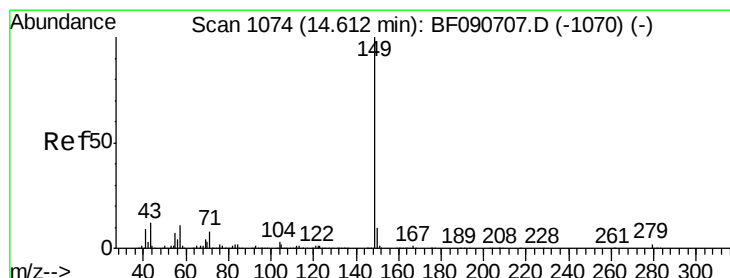
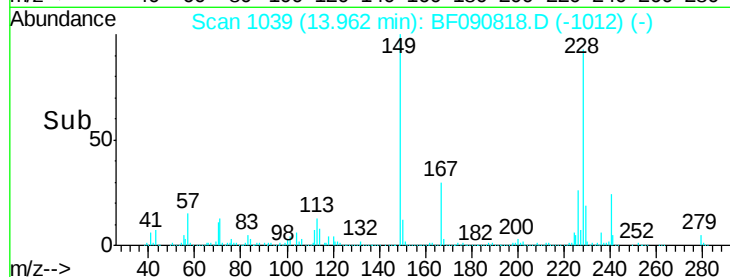
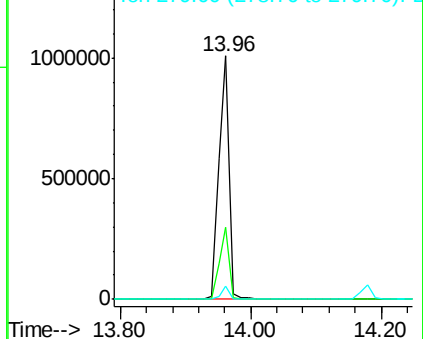
279 5.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.34 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

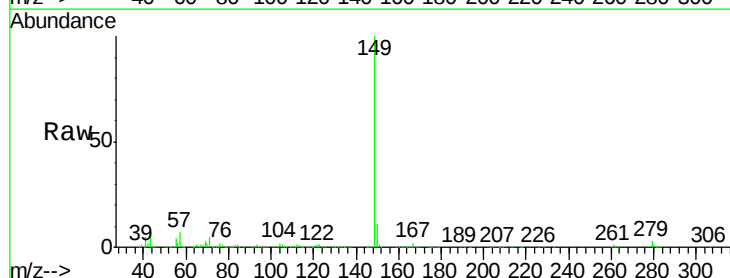
Tgt Ion:149 Resp: 1707518

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

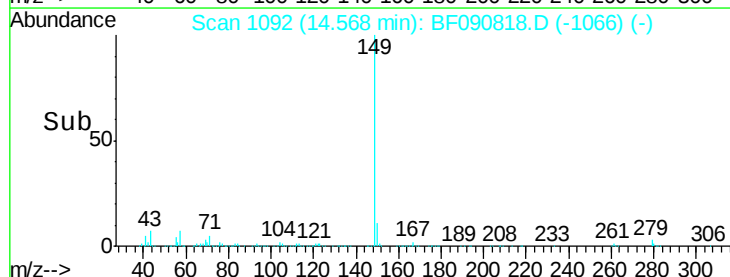
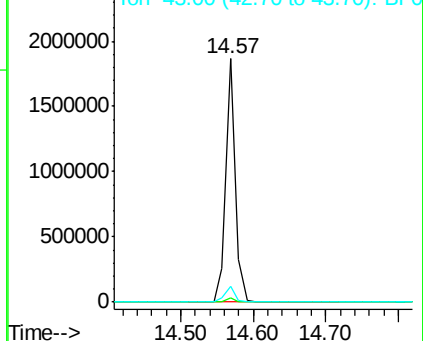
43 6.7 10.2 15.2#

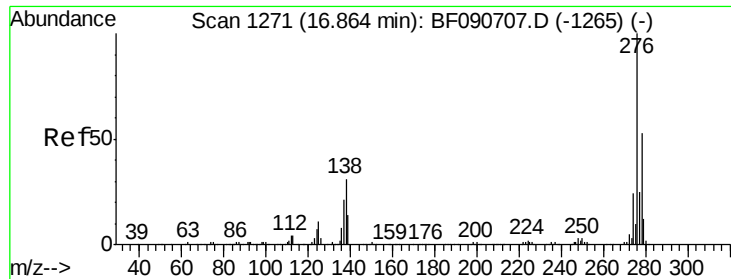


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

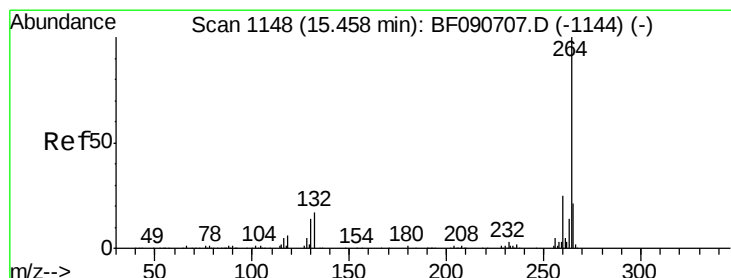
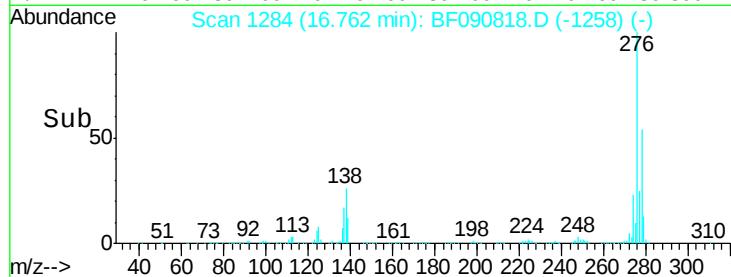
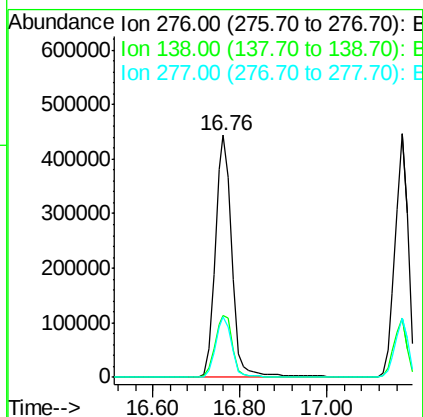
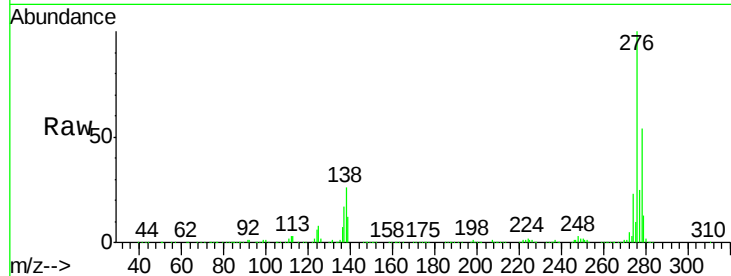




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.37 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

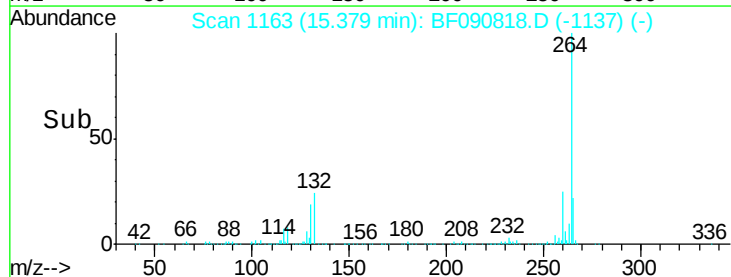
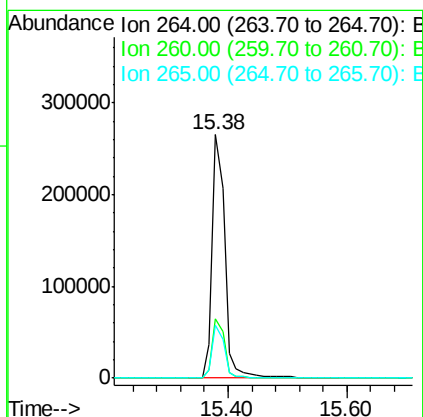
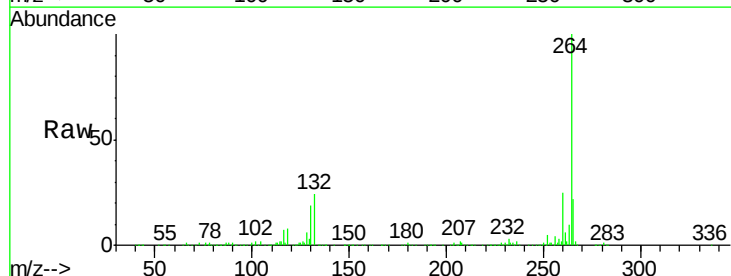
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5MSD

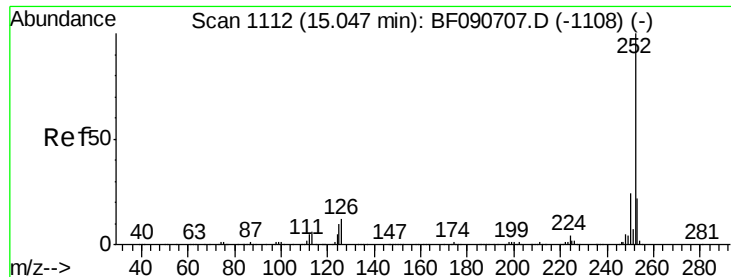
Tgt Ion: 276 Resp: 1208718
 Ion Ratio Lower Upper
 276 100
 138 27.5 25.7 38.5
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF090818.D
 Acq: 25 Oct 2016 20:12

Tgt Ion: 264 Resp: 394665
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 99.96 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

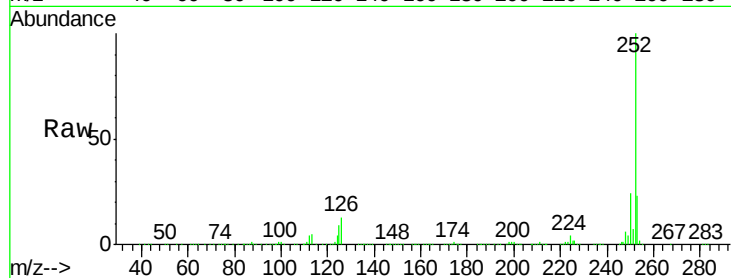
Tgt Ion:252 Resp: 2425811

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

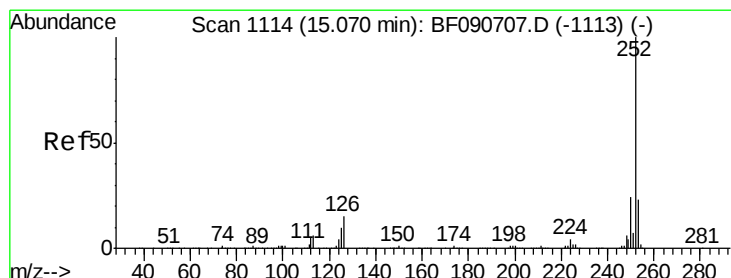
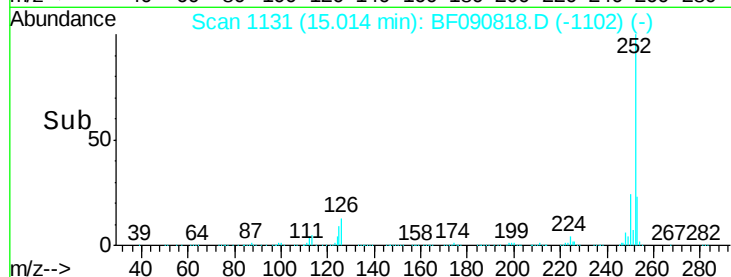
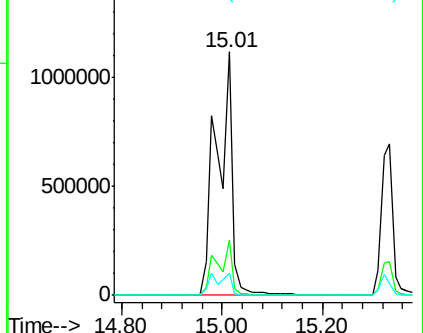
125 9.2 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.59 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

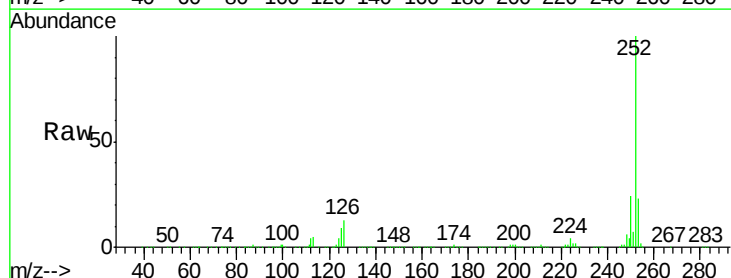
Tgt Ion:252 Resp: 2428695

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

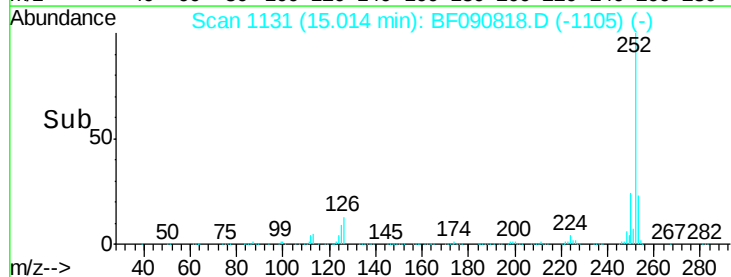
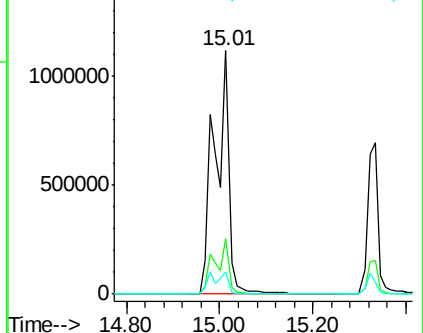
125 9.2 16.0 24.0#

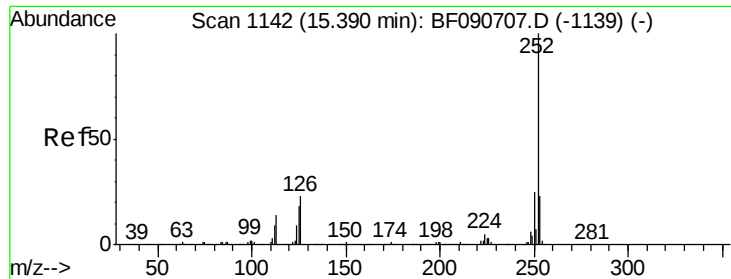


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.81 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD

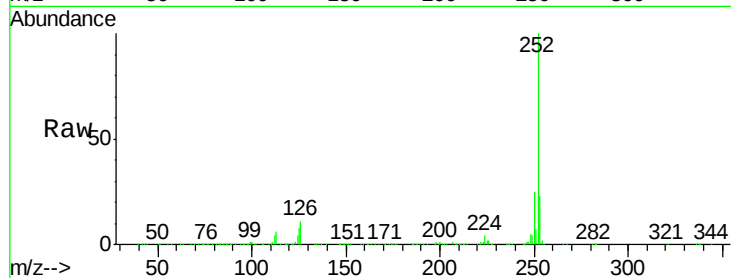
Tgt Ion:252 Resp: 1111374

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

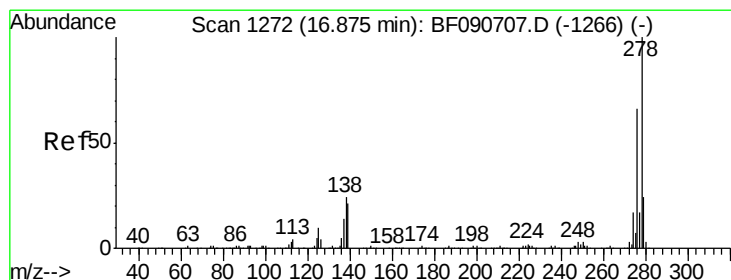
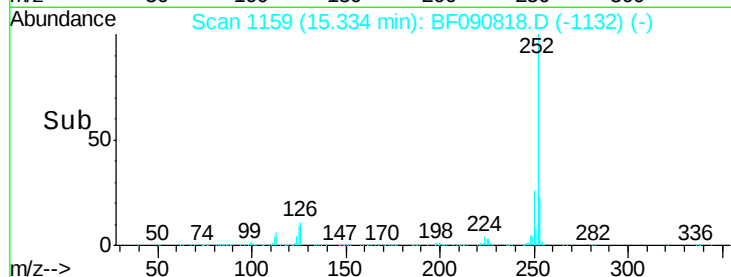
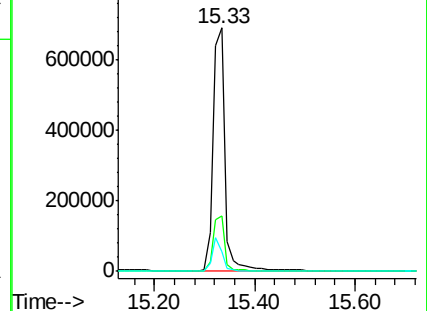
125 8.3 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.57 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF090818.D

Acq: 25 Oct 2016 20:12

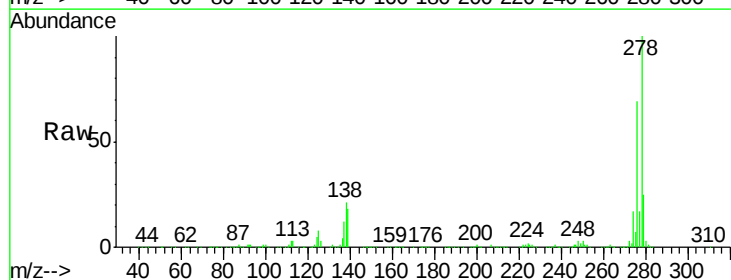
Tgt Ion:278 Resp: 1018101

Ion Ratio Lower Upper

278 100

139 18.1 26.3 39.5#

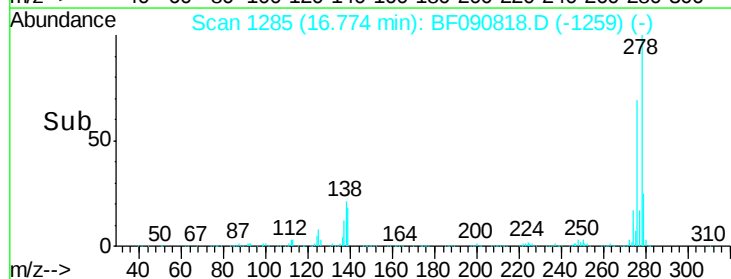
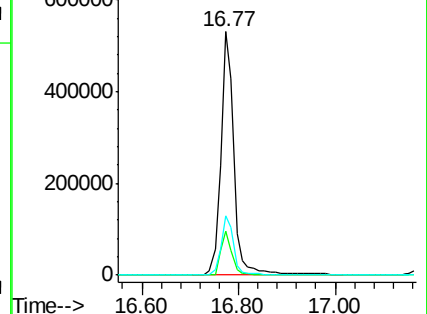
279 24.6 18.2 27.4

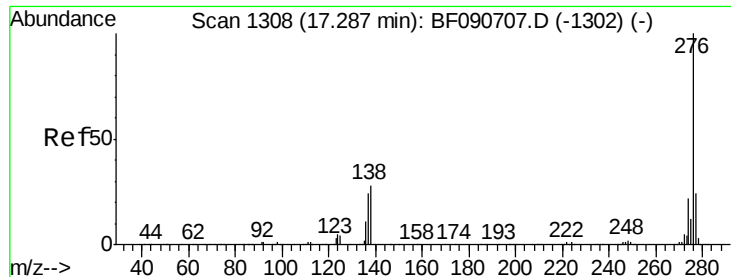


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.11 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF090818.D

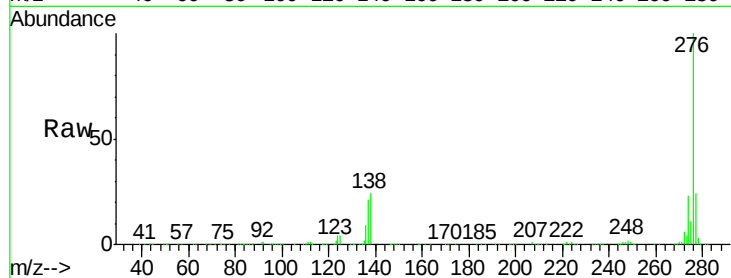
Acq: 25 Oct 2016 20:12

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5MSD



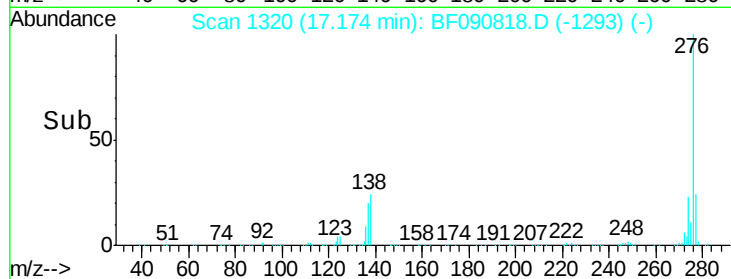
Tgt Ion: 276 Resp: 956577

Ion Ratio Lower Upper

276 100

277 24.3 17.8 26.6

138 24.1 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

600000

500000

400000

300000

200000

100000

0

17.17

17.20

17.40

Time-->