

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090586.D
 Acq On : 15 Oct 2016 4:53
 Operator : UM/SJ
 Sample : H5263-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Quant Time: Oct 15 05:47:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	204125	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	852355	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	398450	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	612196	20.00	ng	0.00
75) Chrysene-d12	14.10	240	390611	20.00	ng	0.00
86) Perylene-d12	15.55	264	334834	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1629816	146.37	ng	0.01
7) Phenol-d6	6.55	99	2146059	129.71	ng	0.00
23) Nitrobenzene-d5	7.49	82	1384642	90.24	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	476140	134.04	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2169688	89.72	ng	0.00
78) Terphenyl-d14	13.03	244	1597368	95.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	233549	36.80	ng	97
3) Pyridine	3.38	79	344804	24.24	ng	98
4) n-Nitrosodimethylamine	3.33	42	202224	40.96	ng	92
6) Aniline	6.59	93	458490	22.93	ng	100
8) 2-Chlorophenol	6.70	128	618693	42.85	ng	100
9) Benzaldehyde	6.46	77	135551	12.89	ng	96
10) Phenol	6.58	94	806095	42.60	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	690407	44.22	ng	99
12) 1,3-Dichlorobenzene	6.86	146	588838	40.90	ng	97
13) 1,4-Dichlorobenzene	6.86	146	588838	37.60	ng	100
14) 1,2-Dichlorobenzene	7.09	146	647239	44.21	ng	98
15) Benzyl Alcohol	7.07	79	523200	46.43	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.19	45	976699	44.45	ng	94
17) 2-Methylphenol	7.18	107	493751	43.88	ng	97
18) Hexachloroethane	7.43	117	264508	42.74	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	512618	45.19	ng	98
20) 3+4-Methylphenols	7.33	107	603648	44.25	ng	# 89
22) Acetophenone	7.33	105	853158	45.31	ng	95
24) Nitrobenzene	7.50	77	694711	44.12	ng	97
25) Isophorone	7.74	82	1324442	47.43	ng	97
26) 2-Nitrophenol	7.82	139	330399	46.25	ng	93
27) 2,4-Dimethylphenol	7.87	122	525095	44.29	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	802214	48.65	ng	99
29) 2,4-Dichlorophenol	8.06	162	436564	42.04	ng	87
30) 1,2,4-Trichlorobenzene	8.14	180	503440	41.39	ng	94
31) Naphthalene	8.23	128	1740094	40.08	ng	100
32) Benzoic acid	7.97	122	141648	19.45	ng	96
33) 4-Chloroaniline	8.28	127	154823	9.33	ng	97
34) Hexachlorobutadiene	8.35	225	293157	43.14	ng	98
35) Caprolactam	8.65	113	93422	32.24	ng	99
36) 4-Chloro-3-methylphenol	8.77	107	516307	43.09	ng	# 81
37) 2-Methylnaphthalene	8.92	142	1095498	42.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	498720	47.21	ng	99
40) Hexachlorocyclopentadiene	9.08	237	361391	70.02	ng	100

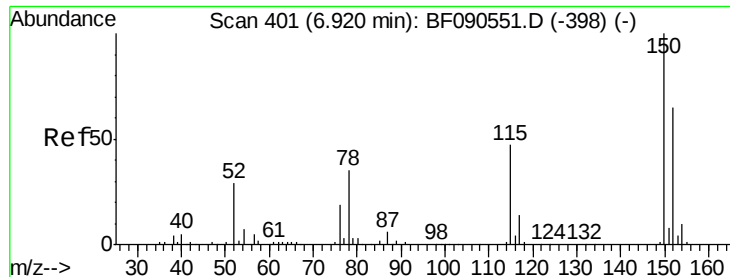
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090586.D
 Acq On : 15 Oct 2016 4:53
 Operator : UM/SJ
 Sample : H5263-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Quant Time: Oct 15 05:47:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	291680	48.95	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	302716	42.58	ng	# 84
45) 1,1'-Biphenyl	9.39	154	1387620	45.76	ng	99
46) 2-Chloronaphthalene	9.41	162	1063512	47.04	ng	98
47) 2-Nitroaniline	9.50	65	363384	44.34	ng	# 74
48) Acenaphthylene	9.82	152	1487096	41.31	ng	100
49) Dimethylphthalate	9.69	163	1297083	50.17	ng	99
50) 2,6-Dinitrotoluene	9.75	165	245414	43.38	ng	90
51) Acenaphthene	9.99	154	987442	41.27	ng	99
52) 3-Nitroaniline	9.93	138	181782	25.61	ng	95
53) 2,4-Dinitrophenol	10.03	184	125521	43.65	ng	# 82
54) Dibenzofuran	10.17	168	1328080	42.19	ng	# 89
55) 4-Nitrophenol	10.09	139	355508	83.22	ng	99
56) 2,4-Dinitrotoluene	10.15	165	359674	46.81	ng	99
57) Fluorene	10.51	166	1093765	42.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	258638	43.68	ng	98
59) Diethylphthalate	10.38	149	1175778	44.84	ng	100
60) 4-Chlorophenyl-phenylether	10.51	204	545480	44.57	ng	96
61) 4-Nitroaniline	10.54	138	250685	35.22	ng	98
62) Azobenzene	10.67	77	1486456	49.01	ng	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	108695	29.34	ng	97
65) n-Nitrosodiphenylamine	10.62	169	905060	44.76	ng	98
66) 4-Bromophenyl-phenylether	11.00	248	296505	45.14	ng	99
67) Hexachlorobenzene	11.06	284	298820	41.90	ng	95
68) Atrazine	11.15	200	248476	44.43	ng	100
69) Pentachlorophenol	11.25	266	290780	82.26	ng	96
70) Phenanthrene	11.48	178	1417180	43.37	ng	100
71) Anthracene	11.53	178	1532349	43.57	ng	99
72) Carbazole	11.69	167	1328818	42.21	ng	99
73) Di-n-butylphthalate	12.02	149	1795228	48.67	ng	100
74) Fluoranthene	12.67	202	1212958	36.90	ng	98
76) Benzidine	12.79	184	221382	22.78	ng	96
77) Pyrene	12.90	202	1169037	45.19	ng	98
79) Butylbenzylphthalate	13.52	149	658696	57.47	ng	97
80) Benzo(a)anthracene	14.09	228	941009	42.32	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	258275	34.00	ng	98
82) Chrysene	14.12	228	1011715	47.22	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	954571	61.73	ng	99
84) Di-n-octyl phthalate	14.68	149	1297679	62.59	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.01	276	871638	70.36	ng	98
87) Benzo(b)fluoranthene	15.13	252	946518	43.20	ng	99
88) Benzo(k)fluoranthene	15.13	252	946518	40.15	ng	# 97
89) Benzo(a)pyrene	15.49	252	834732	41.61	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	758579	49.59	ng	96
91) Benzo(g,h,i)perylene	17.45	276	647588	44.40	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

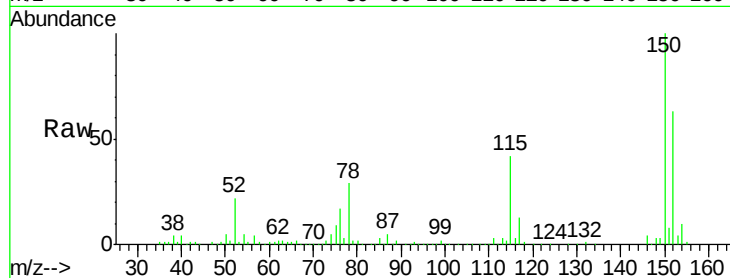
Tgt Ion: 152 Resp: 204125

Ion Ratio Lower Upper

152 100

150 157.8 127.2 190.8

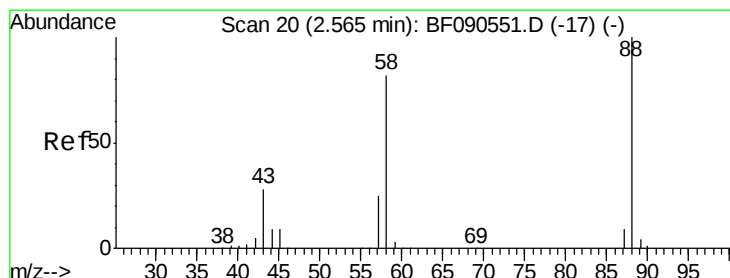
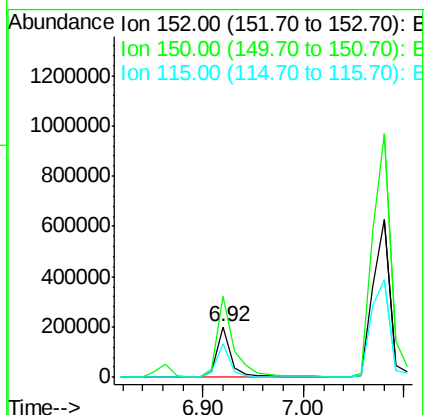
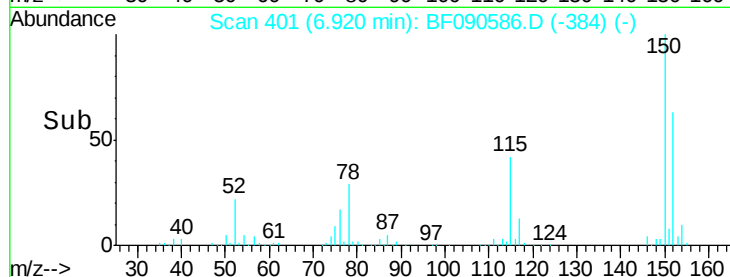
115 65.8 58.6 88.0



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: 36.80 ng

RT: 2.63 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

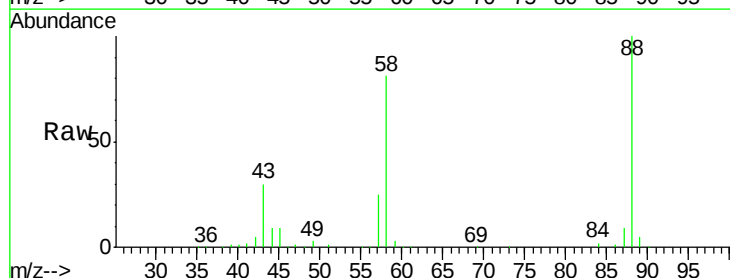
Tgt Ion: 88 Resp: 233549

Ion Ratio Lower Upper

88 100

58 81.2 67.2 100.8

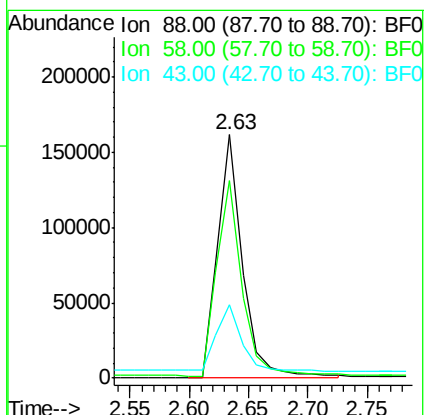
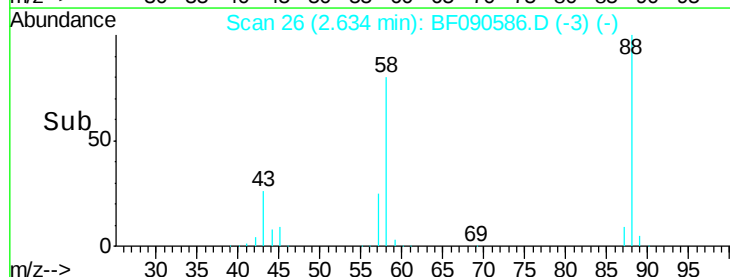
43 27.8 24.1 36.1

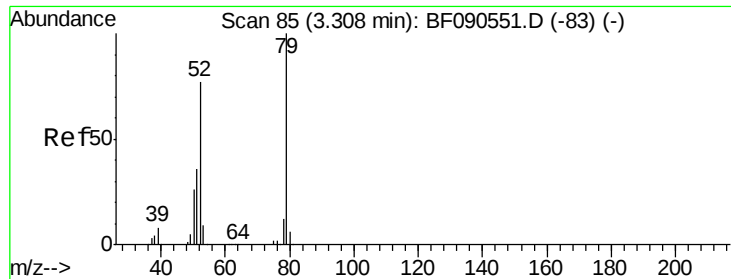


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.24 ng

RT: 3.38 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

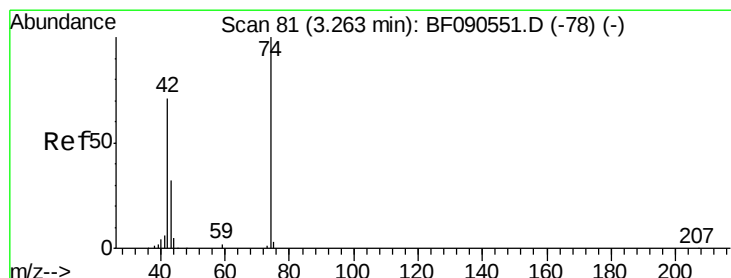
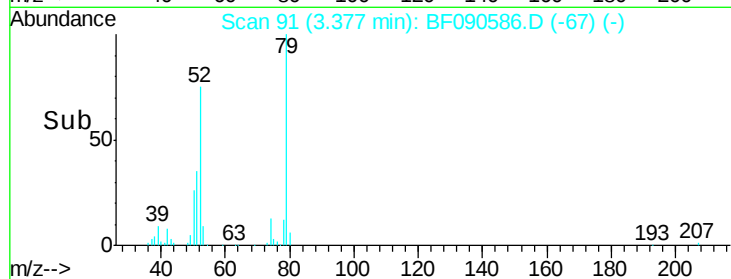
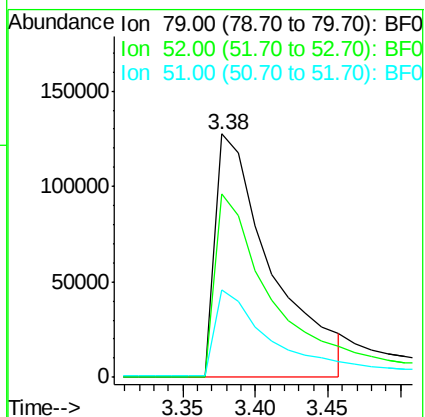
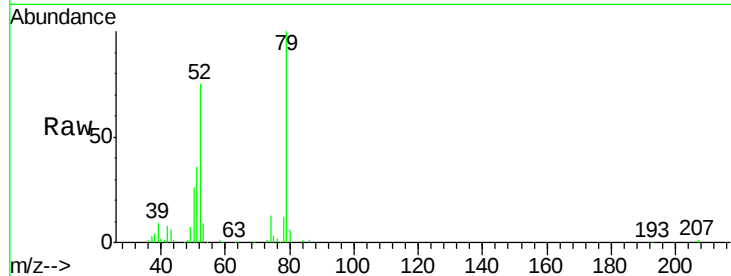
Tgt Ion: 79 Resp: 344804

Ion Ratio Lower Upper

79 100

52 75.3 61.8 92.8

51 35.9 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 40.96 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

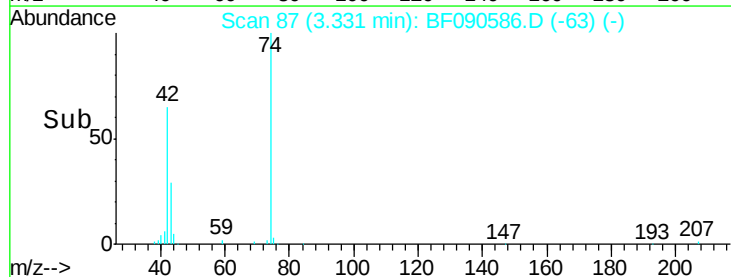
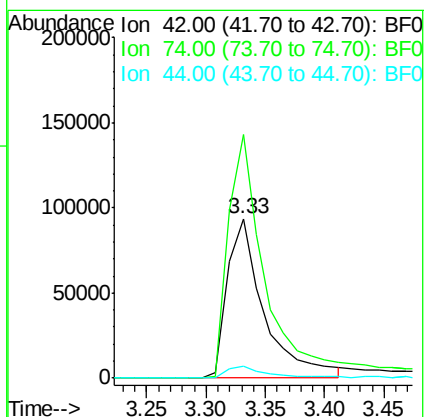
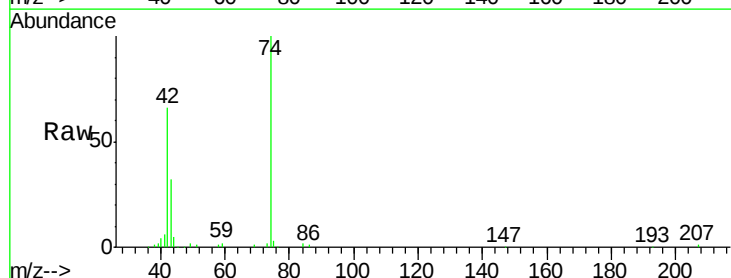
Tgt Ion: 42 Resp: 202224

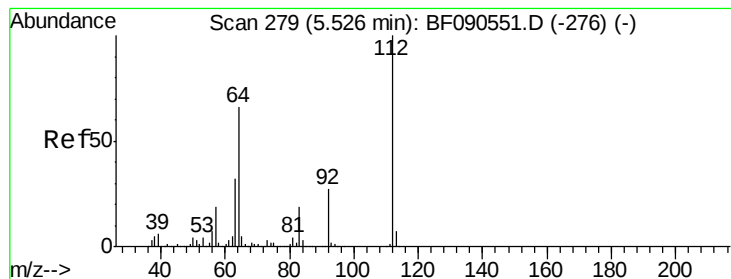
Ion Ratio Lower Upper

42 100

74 152.4 113.3 169.9

44 7.7 6.0 9.0





#5

2-Fluorophenol

Concen: 146.37 ng

RT: 5.54 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

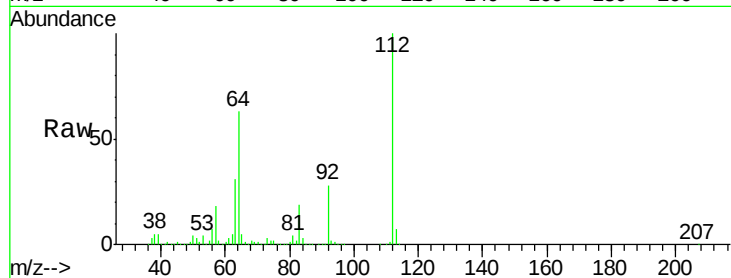
Tgt Ion: 112 Resp: 1629816

Ion Ratio Lower Upper

112 100

64 62.8 52.6 78.8

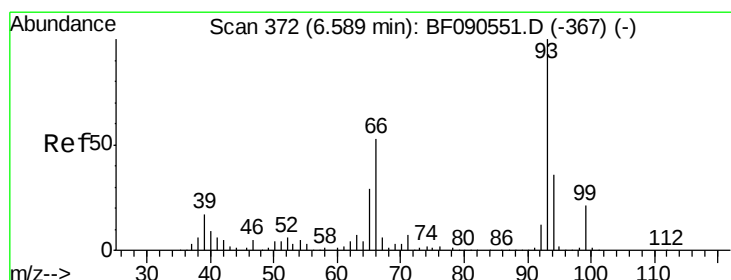
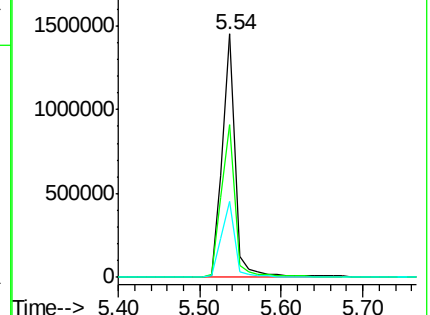
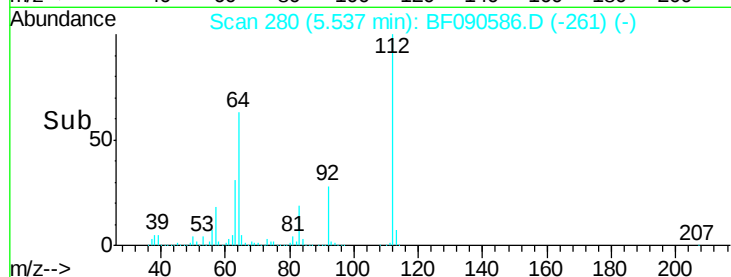
63 31.0 26.0 39.0



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: 22.93 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

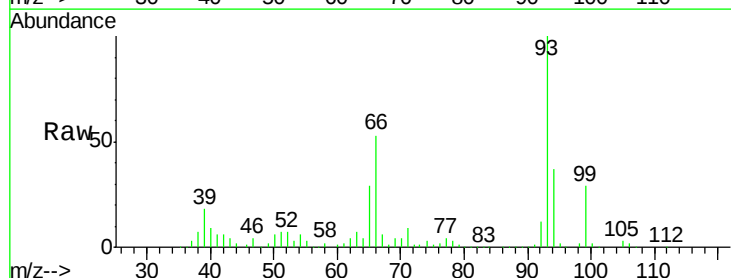
Tgt Ion: 93 Resp: 458490

Ion Ratio Lower Upper

93 100

66 52.5 42.2 63.2

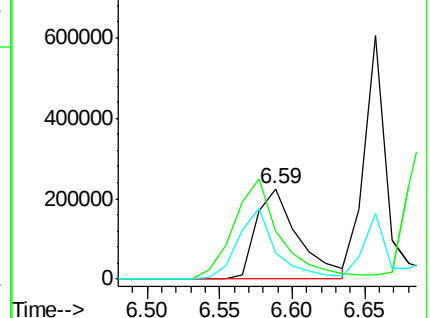
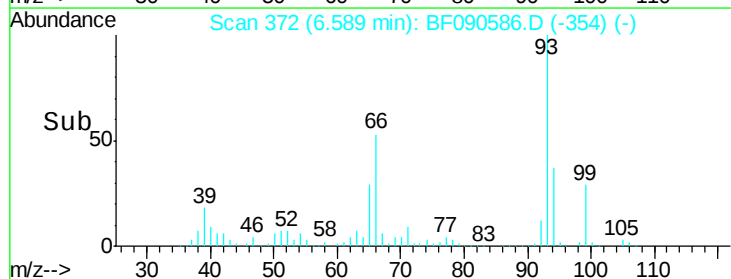
65 29.0 22.9 34.3

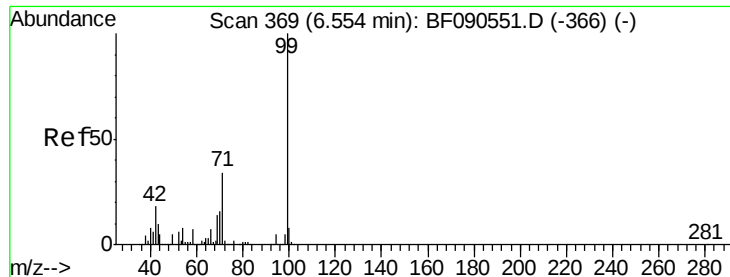


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.71 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

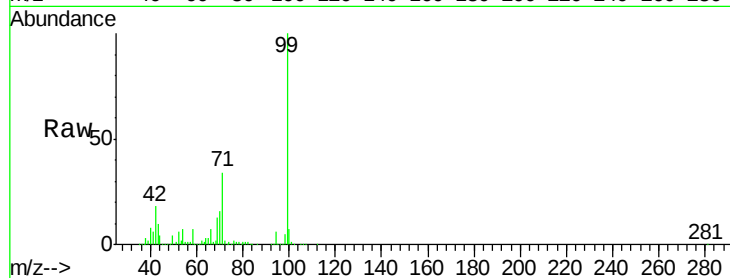
Tgt Ion: 99 Resp: 2146059

Ion Ratio Lower Upper

99 100

42 17.8 14.7 22.1

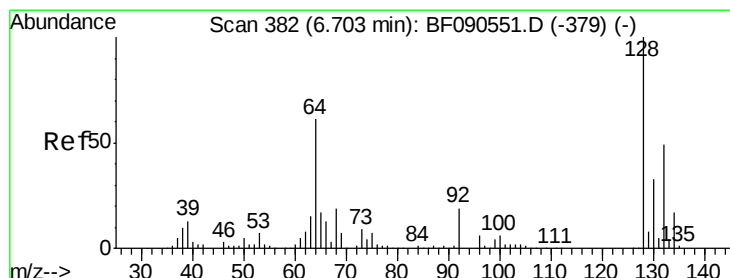
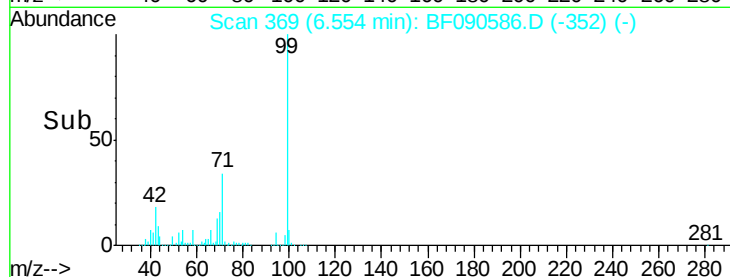
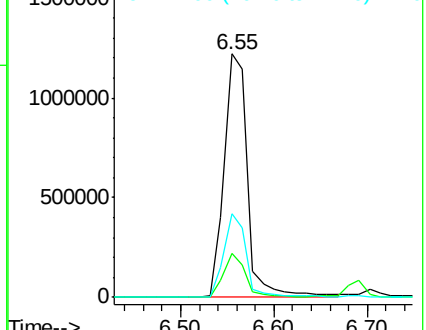
71 34.2 27.6 41.4



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: 42.85 ng

RT: 6.70 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

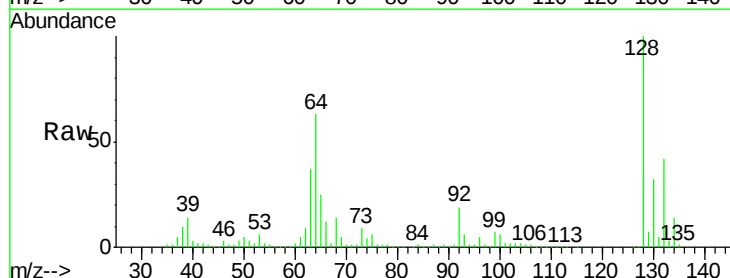
Tgt Ion: 128 Resp: 618693

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

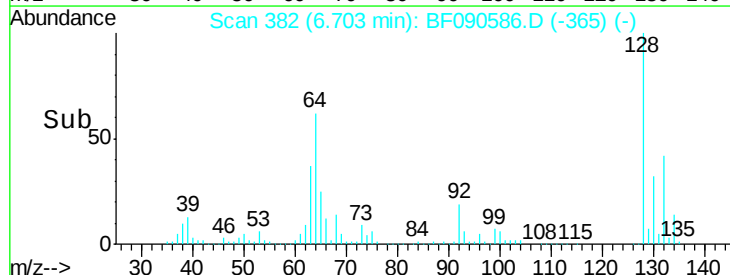
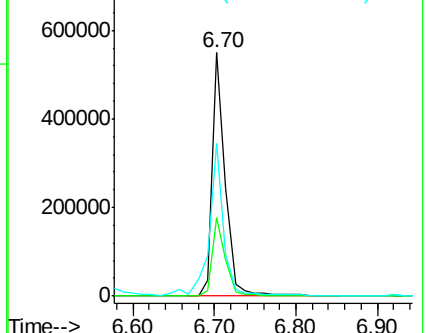
64 62.5 42.6 82.6

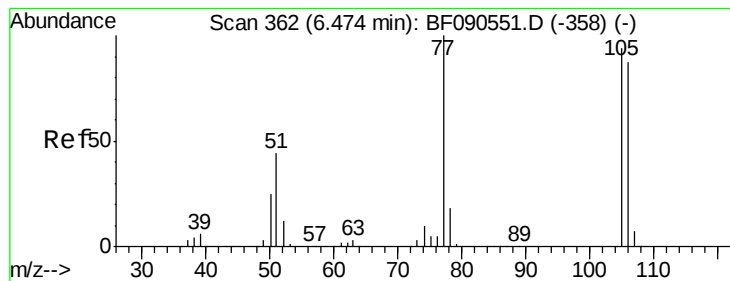


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.89 ng

RT: 6.46 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

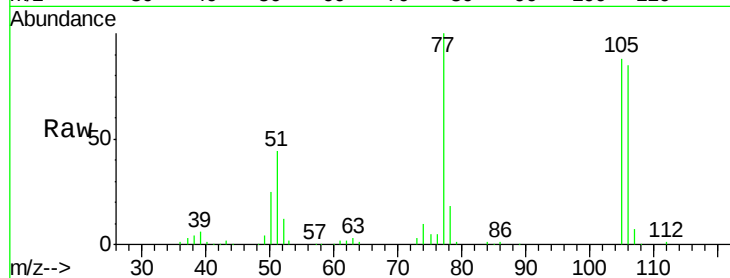
Tgt Ion: 77 Resp: 135551

Ion Ratio Lower Upper

77 100

105 88.2 74.3 114.3

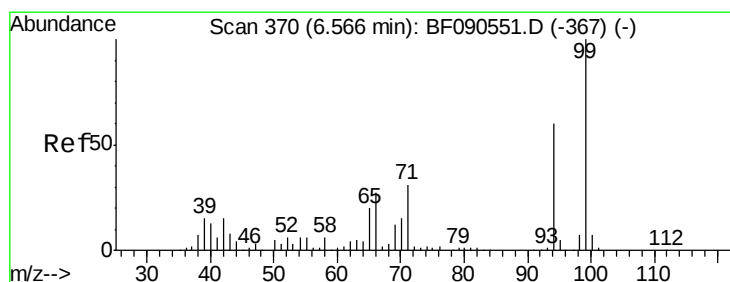
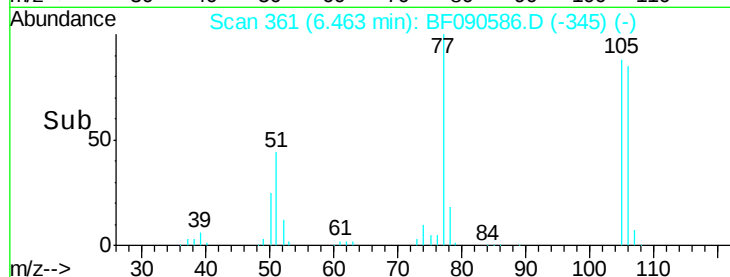
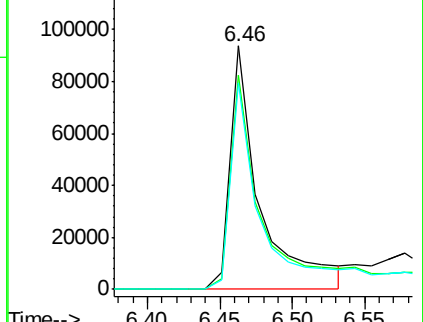
106 85.1 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.60 ng

RT: 6.58 min Scan# 371

Delta R.T. 0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

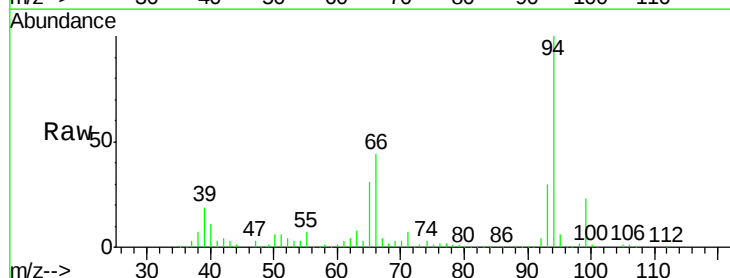
Tgt Ion: 94 Resp: 806095

Ion Ratio Lower Upper

94 100

65 31.3 12.5 52.5

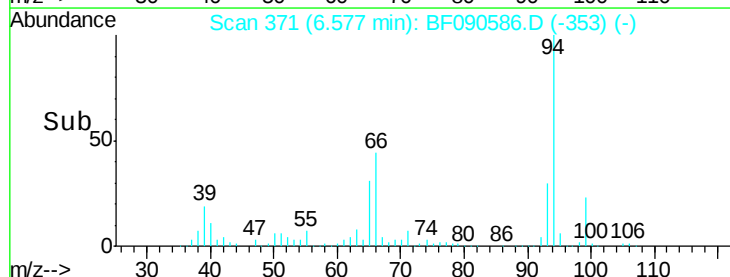
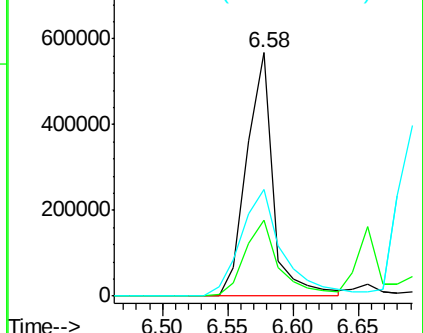
66 43.8 25.5 65.5

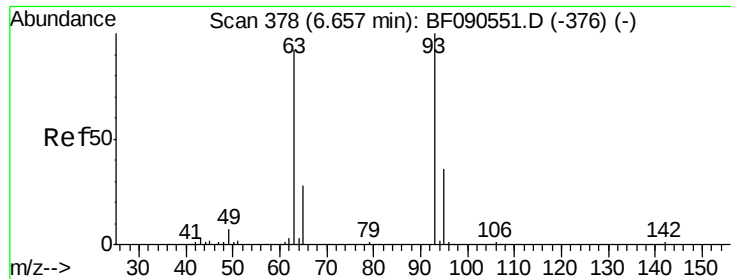


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.22 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

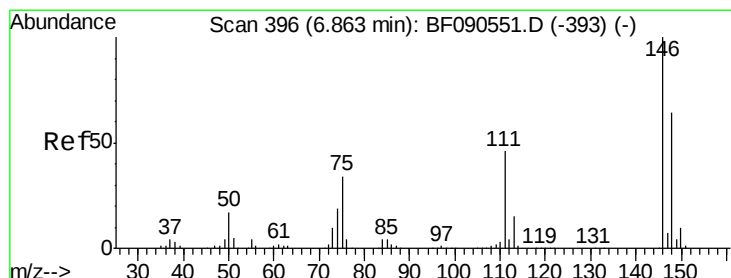
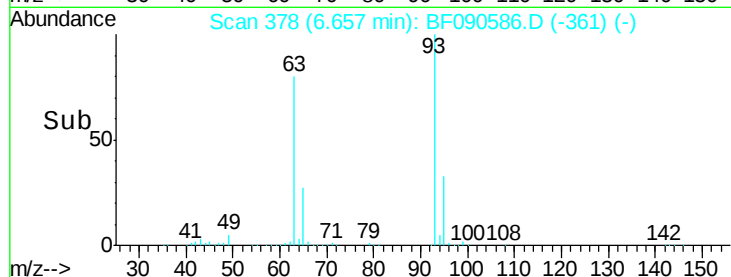
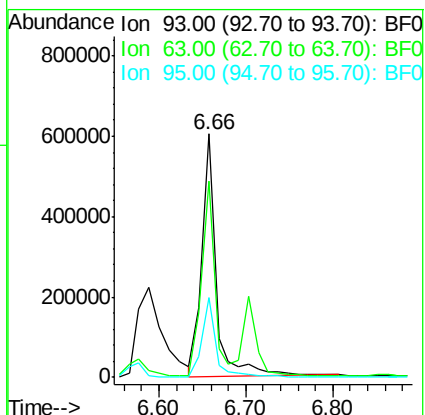
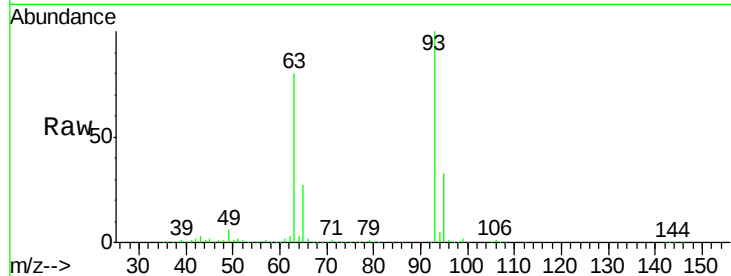
Tgt Ion: 93 Resp: 690407

Ion Ratio Lower Upper

93 100

63 80.5 61.6 101.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.90 ng

RT: 6.86 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

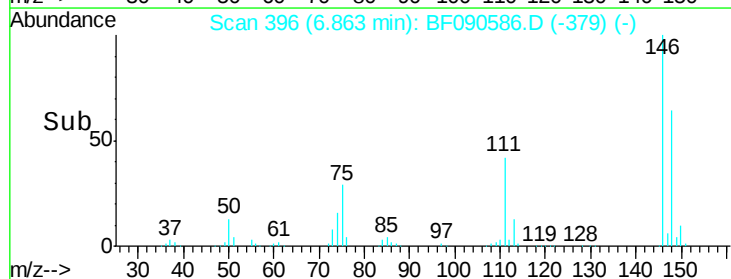
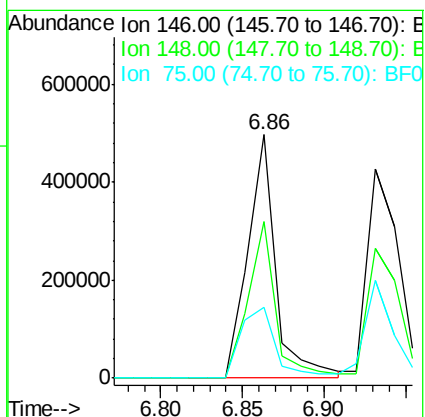
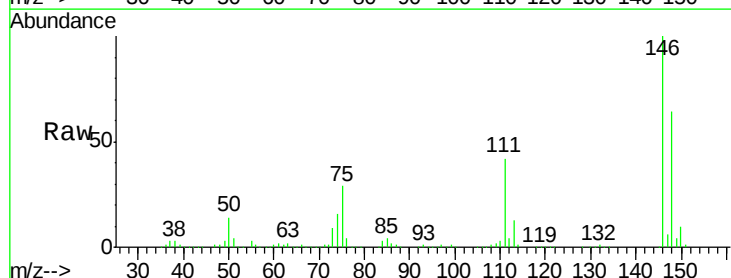
Tgt Ion: 146 Resp: 588838

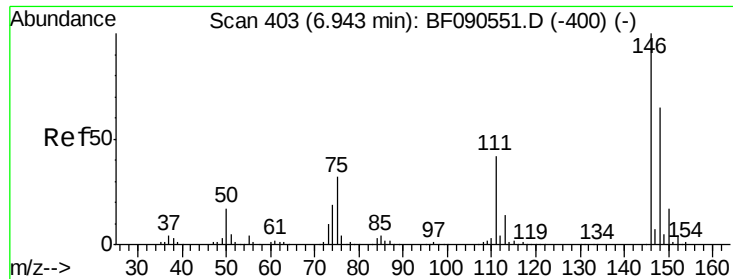
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

75 29.0 27.0 40.6

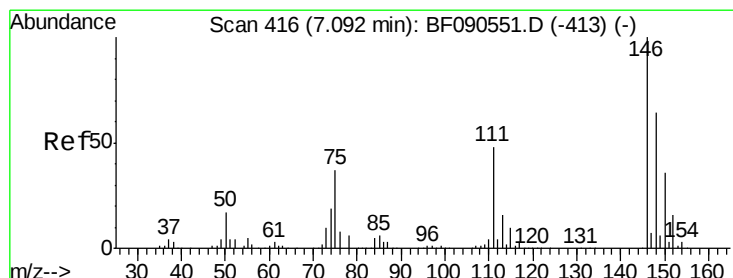
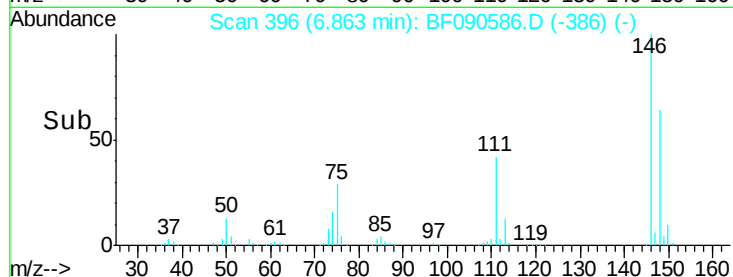
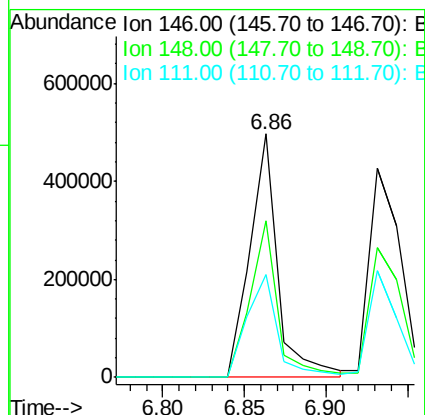
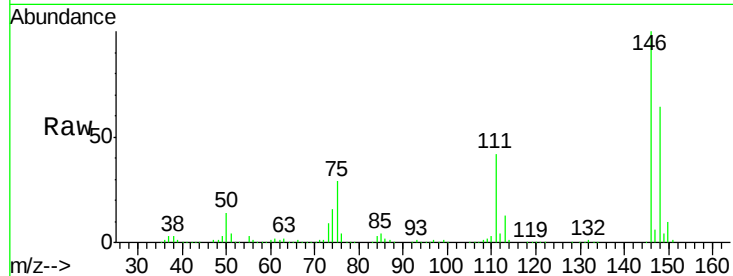




#13
 1,4-Dichlorobenzene
 Concen: 37.60 ng
 RT: 6.86 min Scan# 396
 Delta R.T. -0.08 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

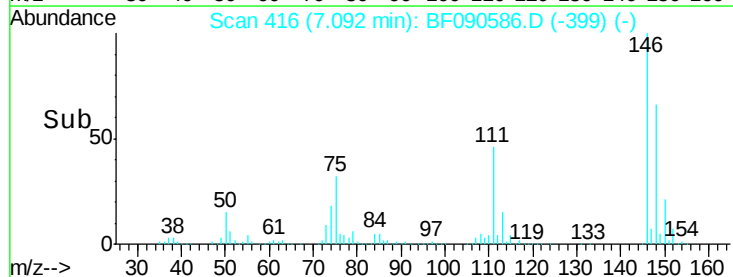
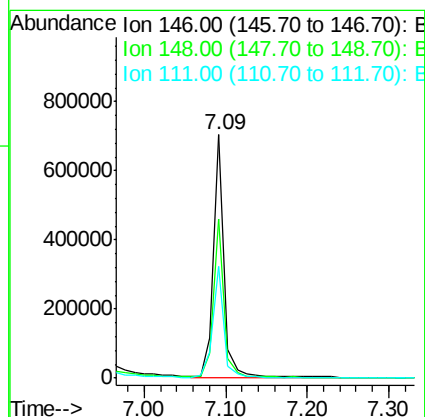
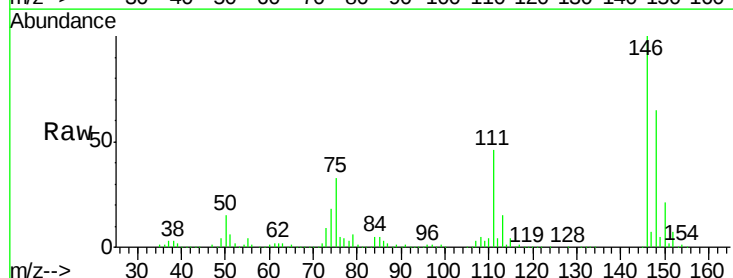
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

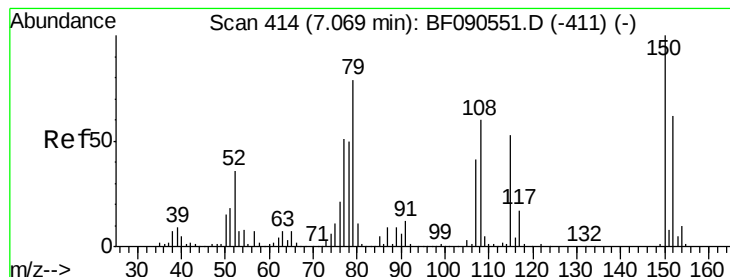
Tgt Ion:146 Resp: 588838
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 42.0 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 44.21 ng
 RT: 7.09 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:146 Resp: 647239
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.2 76.8
 111 46.0 38.2 57.2





#15

Benzyl Alcohol

Concen: 46.43 ng

RT: 7.07 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

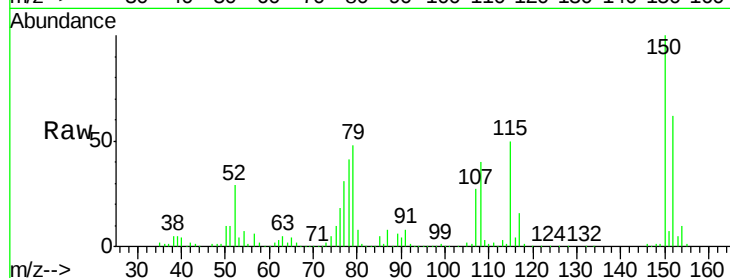
Tgt Ion: 79 Resp: 523200

Ion Ratio Lower Upper

79 100

108 81.9 60.2 90.4

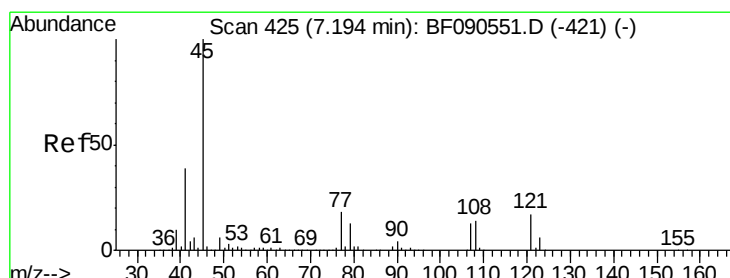
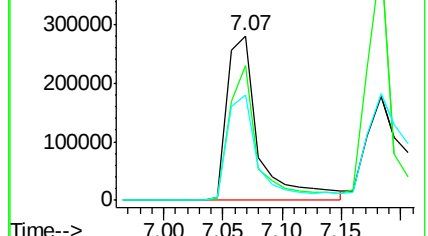
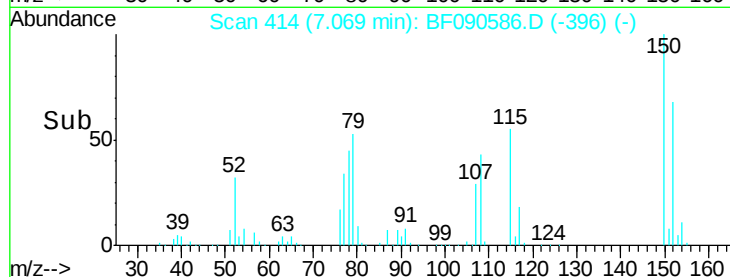
77 64.3 52.0 78.0



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: 44.45 ng

RT: 7.19 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

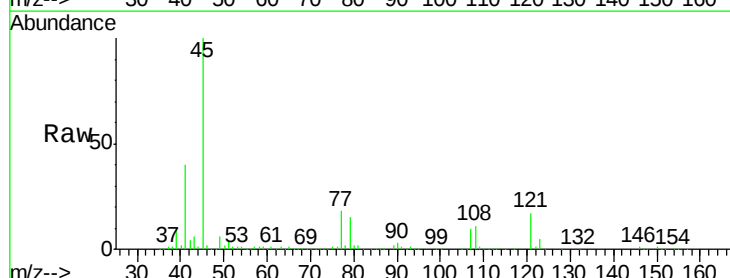
Tgt Ion: 45 Resp: 976699

Ion Ratio Lower Upper

45 100

77 18.1 0.9 40.9

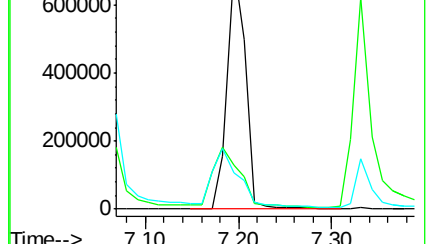
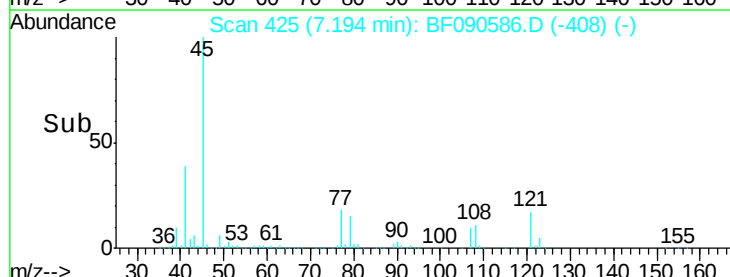
79 15.1 0.0 37.3

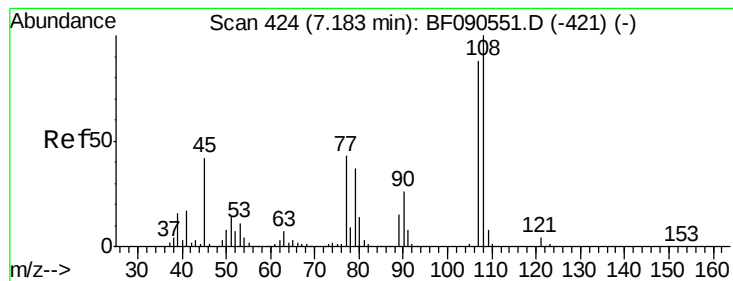


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.88 ng

RT: 7.18 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

Tgt Ion:107 Resp: 493751

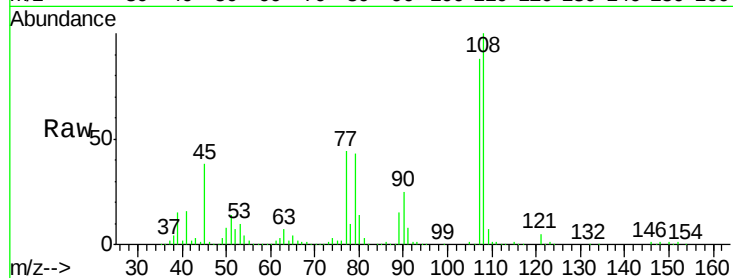
Ion Ratio Lower Upper

107 100

108 113.3 92.6 138.8

77 49.8 42.2 63.2

79 48.2 40.7 61.1

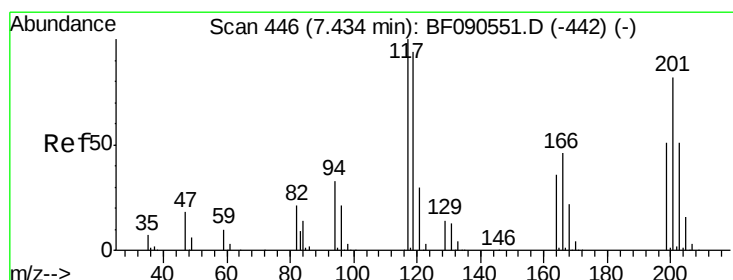
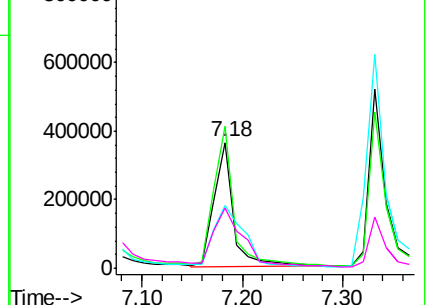
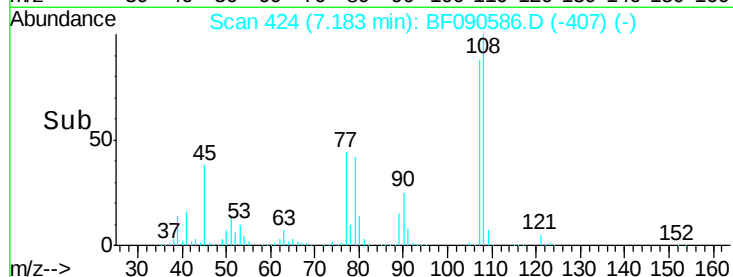


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.74 ng

RT: 7.43 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

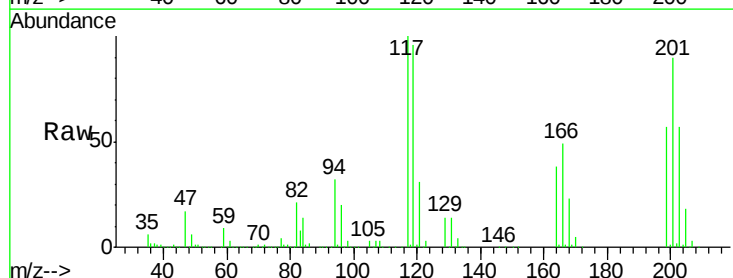
Tgt Ion:117 Resp: 264508

Ion Ratio Lower Upper

117 100

119 95.9 75.6 113.4

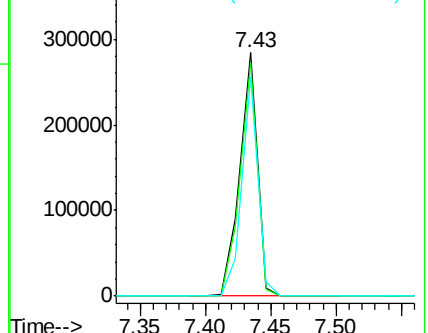
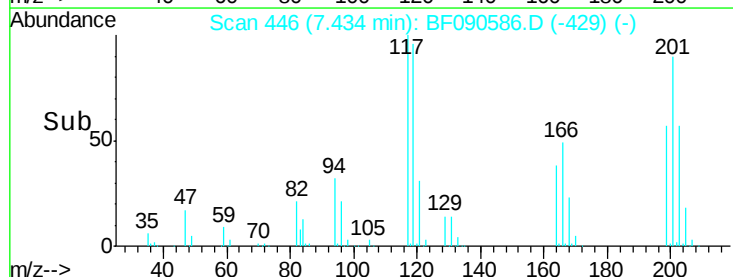
201 90.1 65.4 98.0

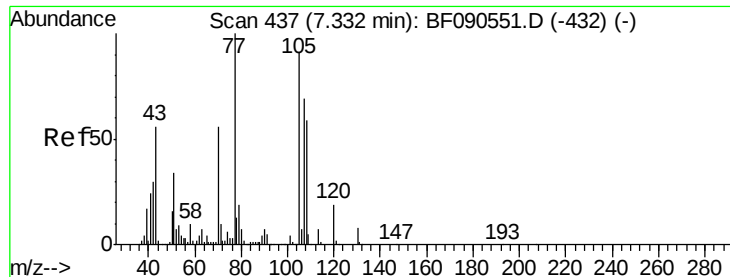


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

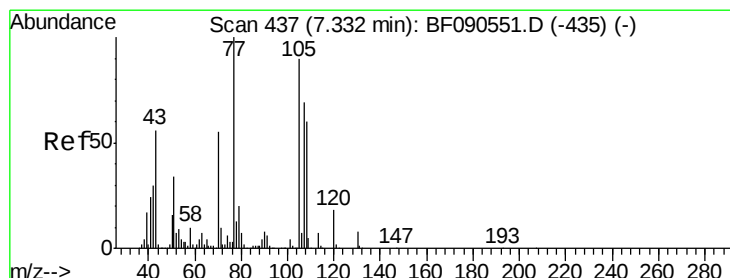
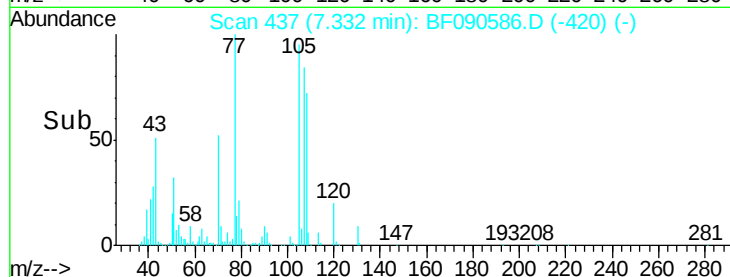
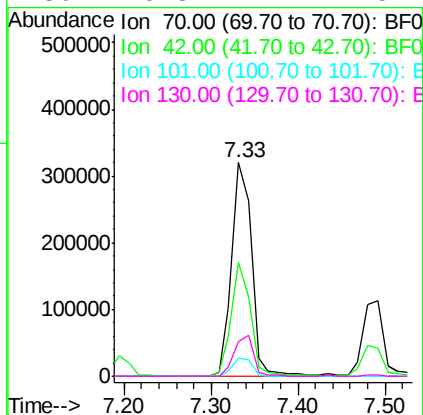
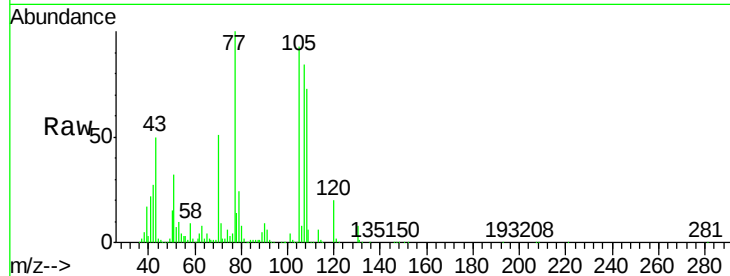




#19
n-Nitroso-di-n-propylamine
Concen: 45.19 ng
RT: 7.33 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

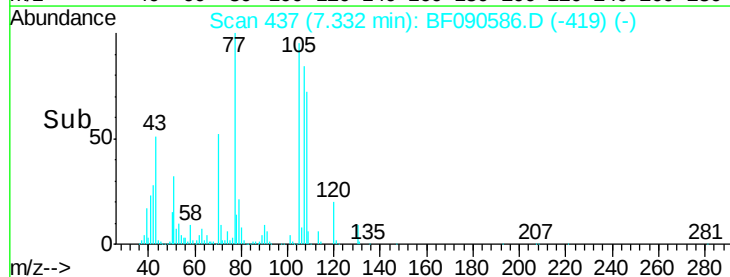
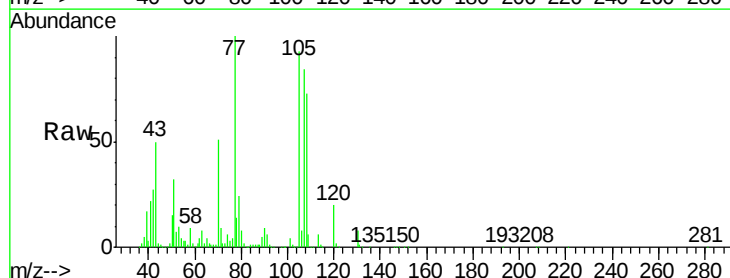
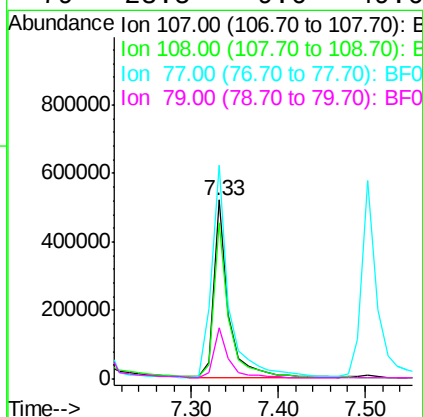
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

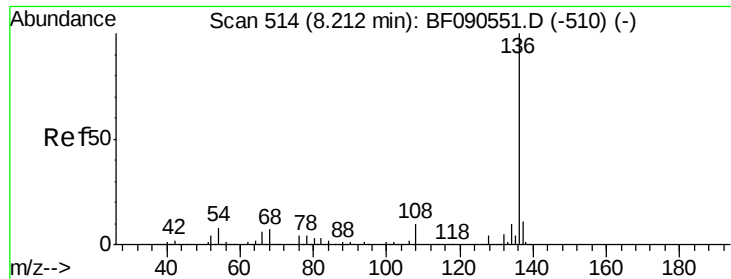
Tgt Ion: 70 Resp: 512618
Ion Ratio Lower Upper
70 100
42 53.3 43.4 65.0
101 8.3 6.4 9.6
130 16.3 12.1 18.1



#20
3+4-Methylphenols
Concen: 44.25 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion: 107 Resp: 603648
Ion Ratio Lower Upper
107 100
108 86.9 67.7 107.7
77 119.3 123.1 163.1#
79 28.5 9.6 49.6

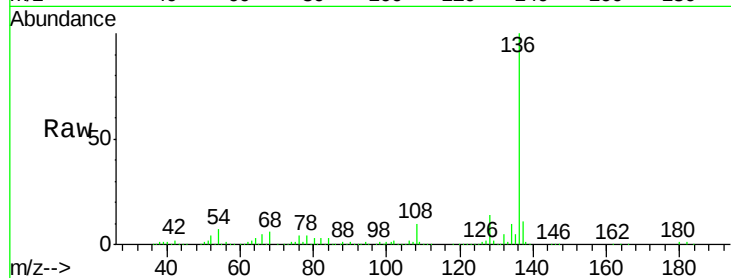




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Tgt Ion:	136	Resp:	852355
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.8	10.2
68	6.4	6.0	9.0



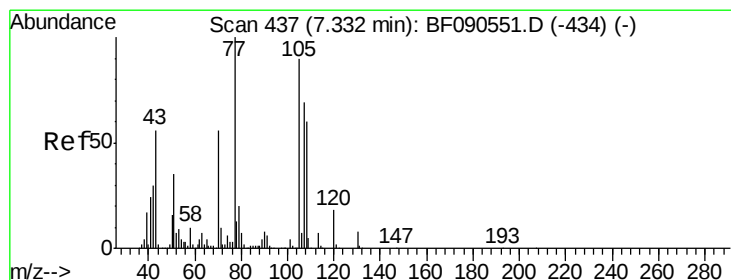
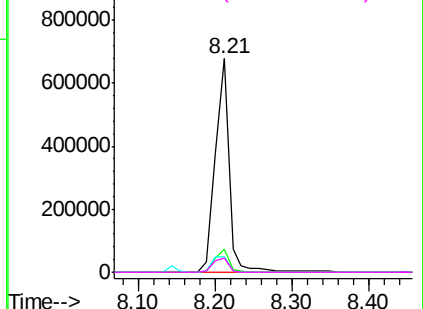
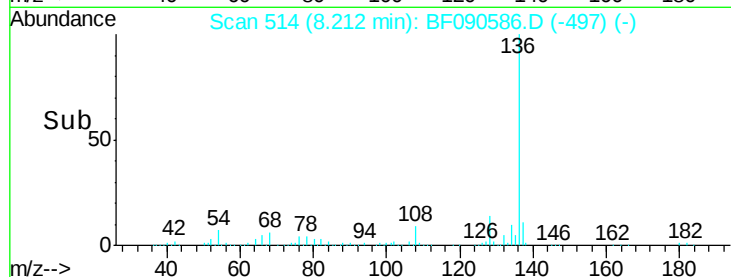
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

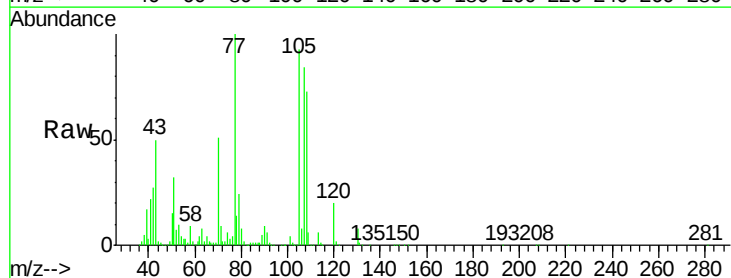
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 45.31 ng
RT: 7.33 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion:	105	Resp:	853158
Ion	Ratio	Lower	Upper
105	100		
71	9.5	8.5	12.7
51	34.7	31.0	46.4
120	21.3	16.2	24.4



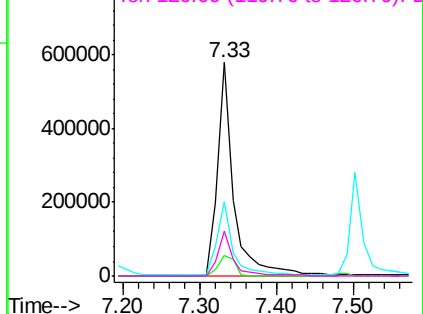
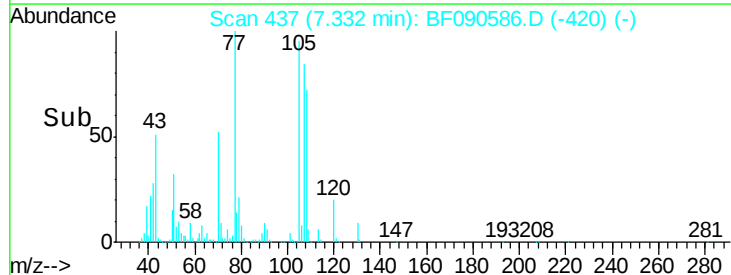
Abundance

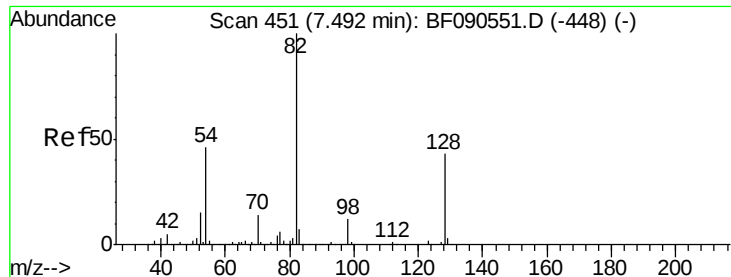
Ion 105.00 (104.70 to 105.70): E

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

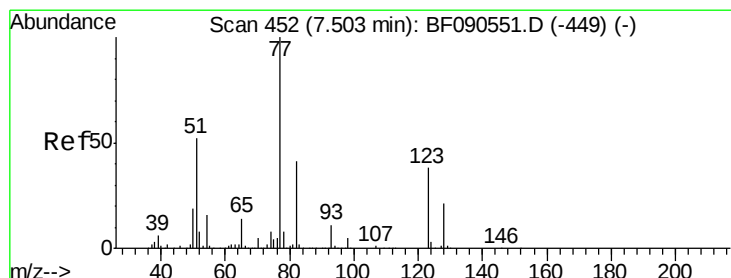
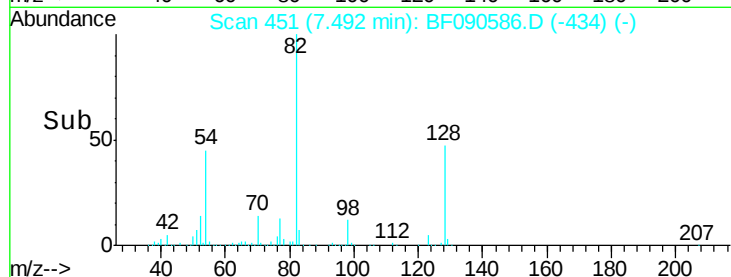
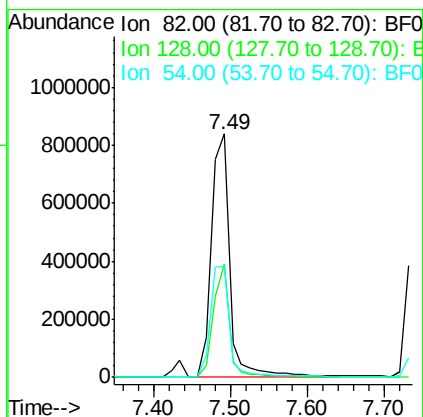
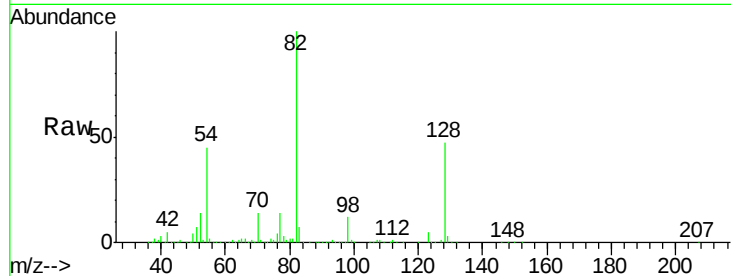




#23
 Nitrobenzene-d5
 Concen: 90.24 ng
 RT: 7.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

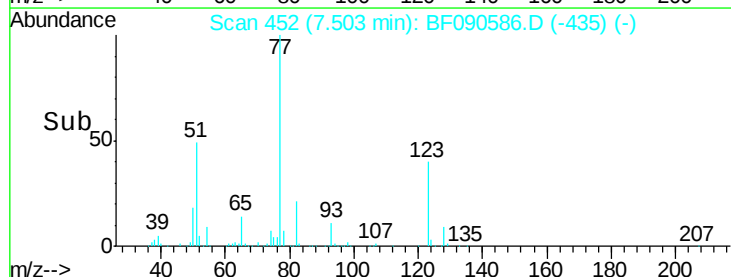
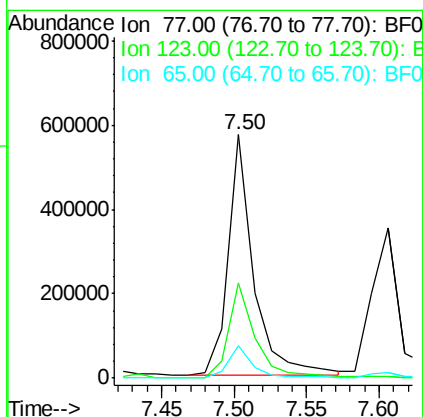
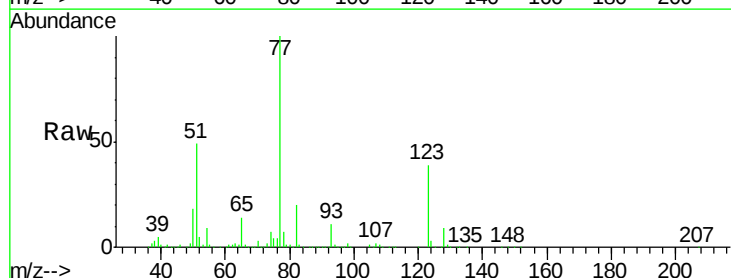
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

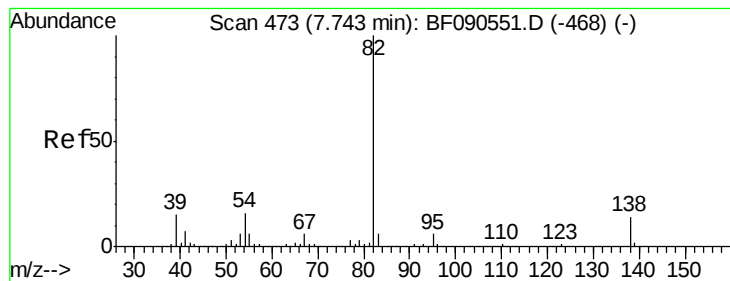
Tgt Ion: 82 Resp: 1384642
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.3 51.5
 54 45.3 37.0 55.6



#24
 Nitrobenzene
 Concen: 44.12 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion: 77 Resp: 694711
 Ion Ratio Lower Upper
 77 100
 123 39.2 29.8 44.6
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 47.43 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

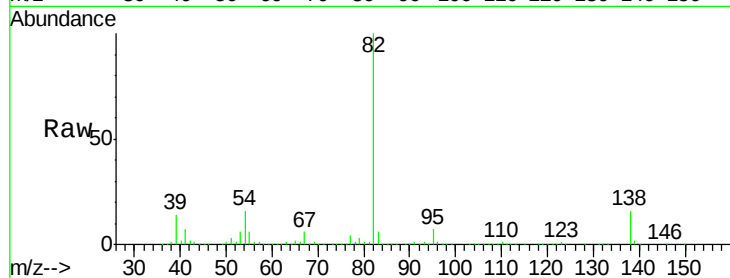
Tgt Ion: 82 Resp: 1324442

Ion Ratio Lower Upper

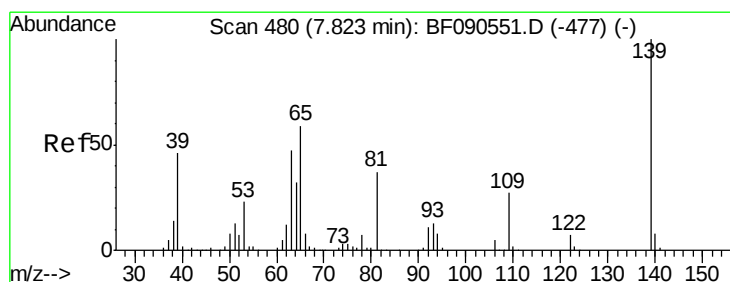
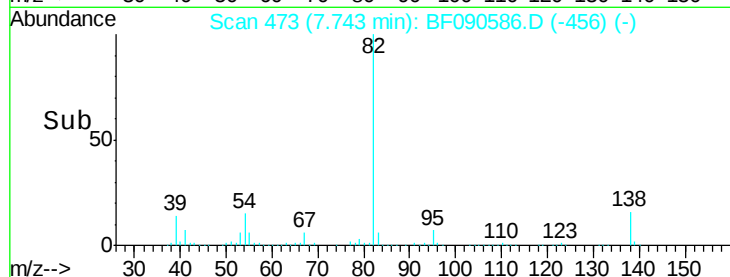
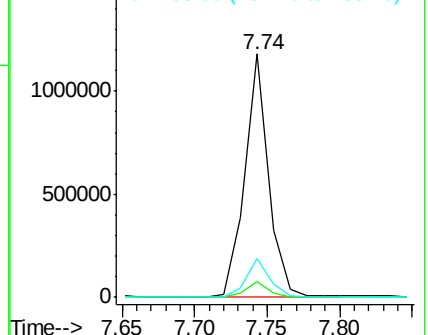
82 100

95 6.5 5.0 7.6

138 15.8 11.5 17.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.25 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

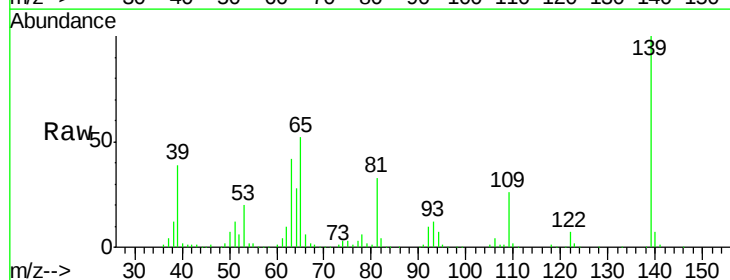
Tgt Ion: 139 Resp: 330399

Ion Ratio Lower Upper

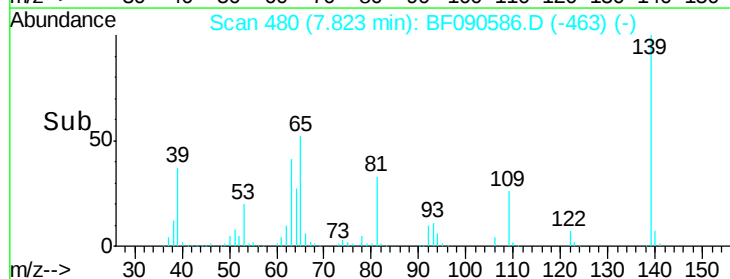
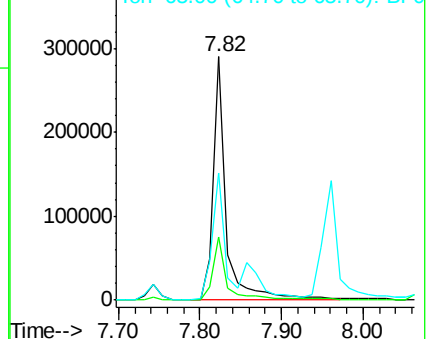
139 100

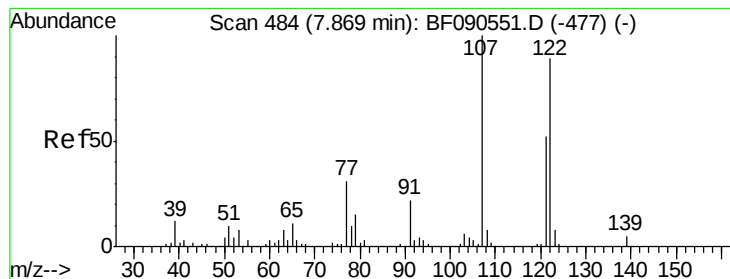
109 25.8 21.8 32.6

65 52.4 47.7 71.5



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





#27

2,4-Dimethylphenol

Concen: 44.29 ng

RT: 7.87 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

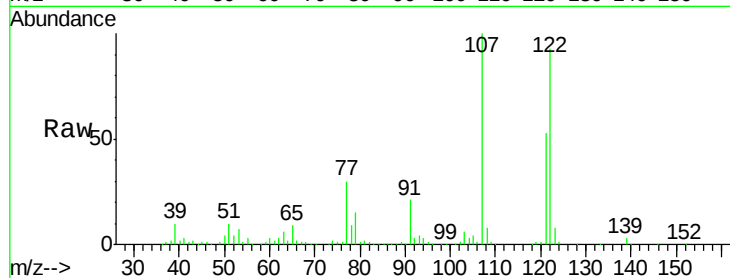
Tgt Ion:122 Resp: 525095

Ion Ratio Lower Upper

122 100

107 107.5 89.8 134.6

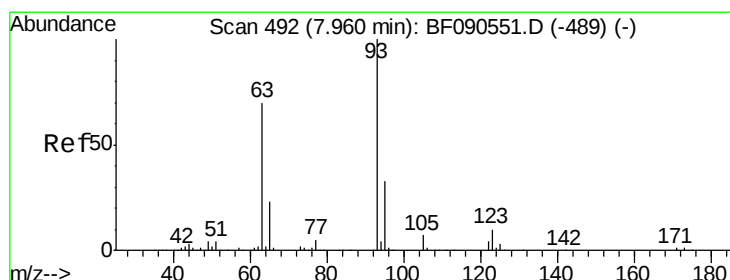
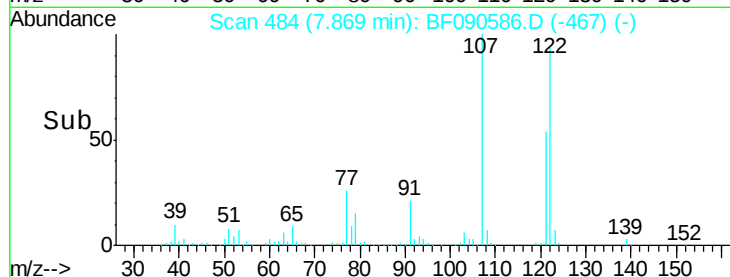
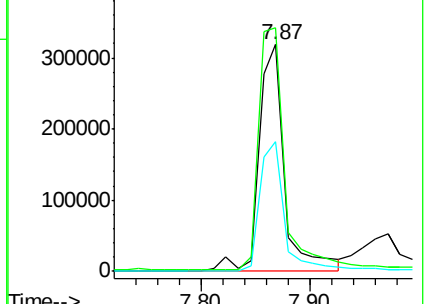
121 57.4 46.1 69.1



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: 48.65 ng

RT: 7.96 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

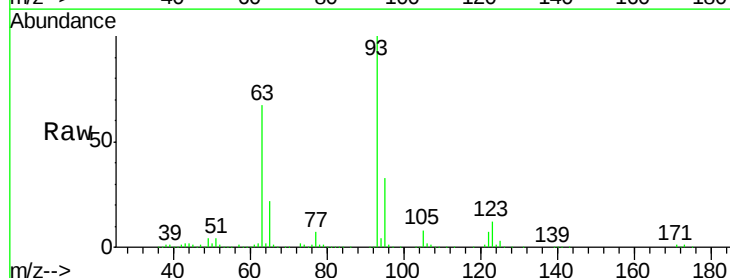
Tgt Ion: 93 Resp: 802214

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

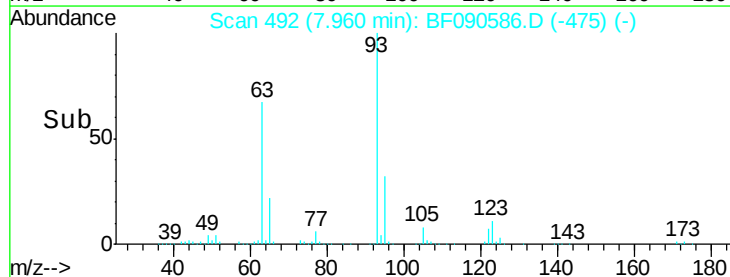
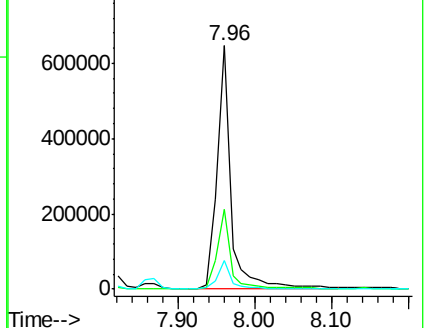
123 11.5 8.6 13.0

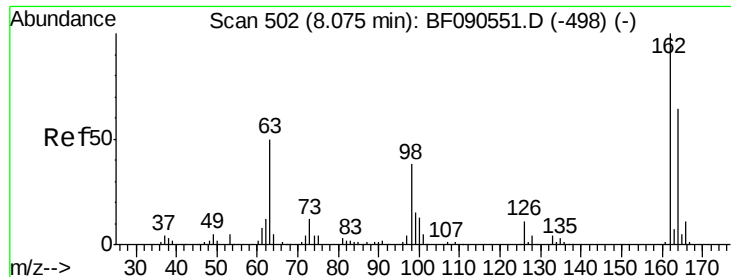


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

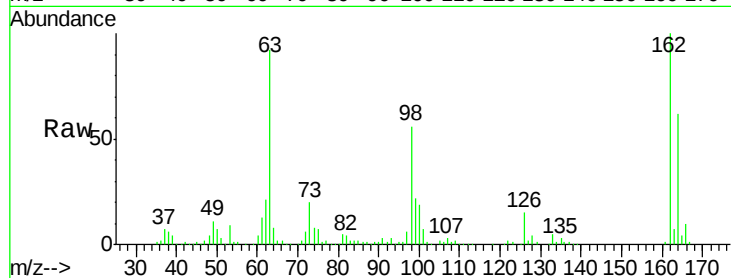




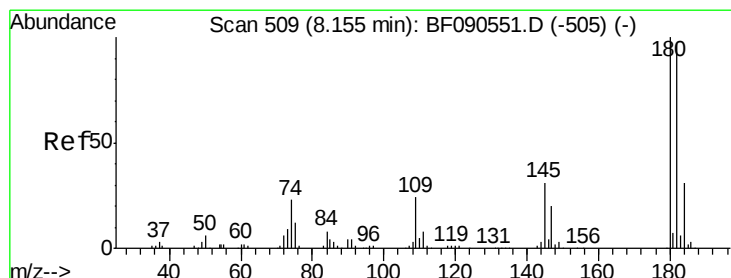
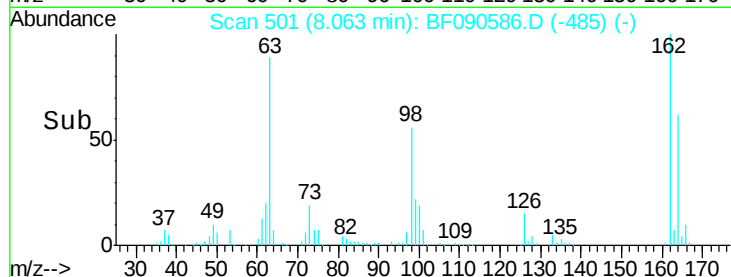
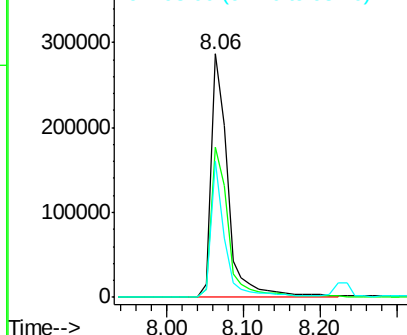
#29
2,4-Dichlorophenol
Concen: 42.04 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Tgt Ion:162 Resp: 436564
Ion Ratio Lower Upper
162 100
164 61.9 44.0 84.0
98 56.0 18.0 58.0

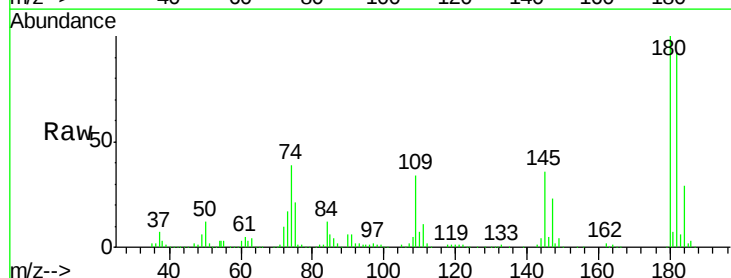


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

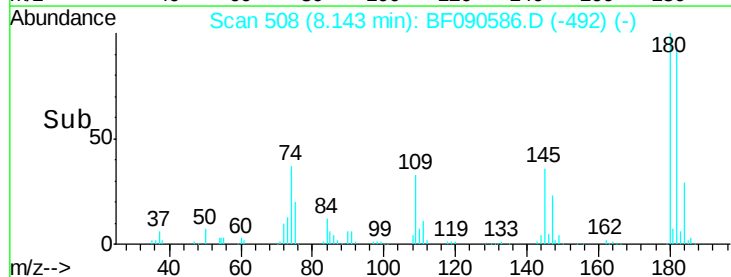
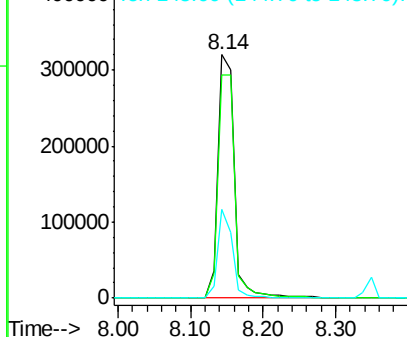


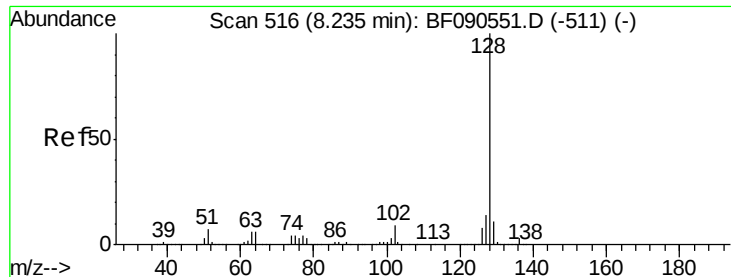
#30
1,2,4-Trichlorobenzene
Concen: 41.39 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion:180 Resp: 503440
Ion Ratio Lower Upper
180 100
182 91.7 77.2 115.8
145 36.5 24.4 36.6



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

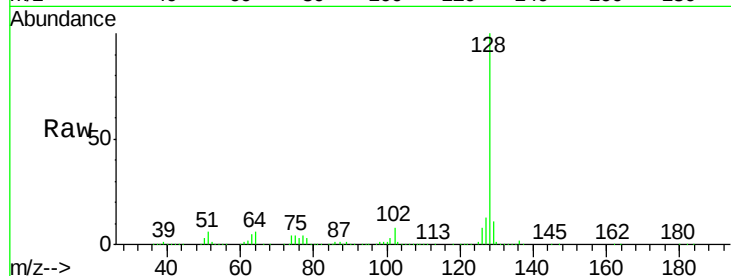




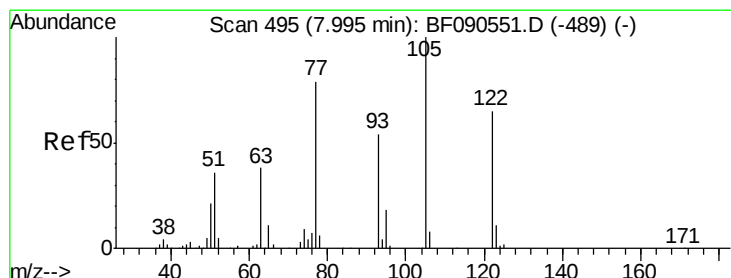
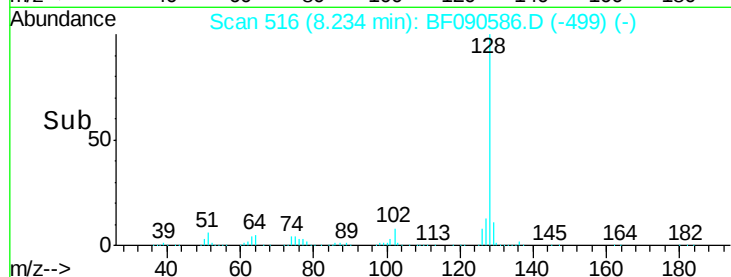
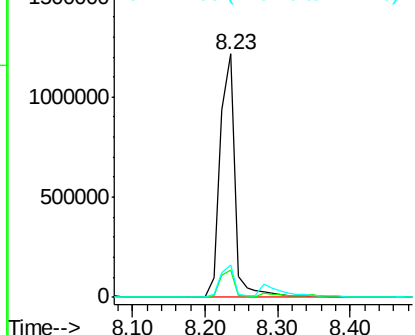
#31
Naphthalene
Concen: 40.08 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Tgt Ion:128 Resp: 1740094
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

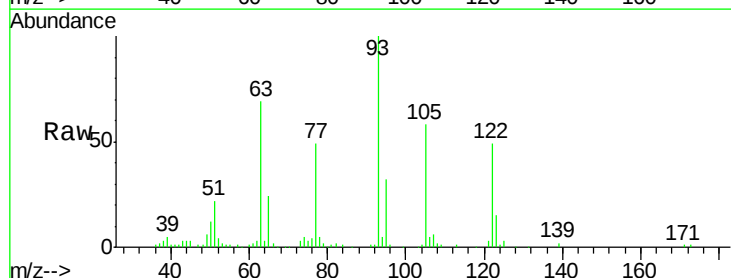


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

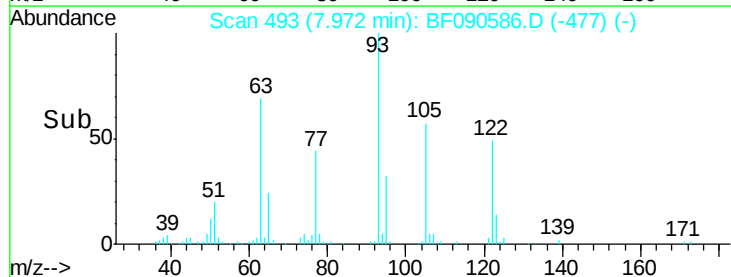
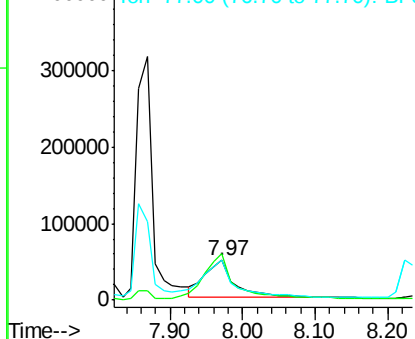


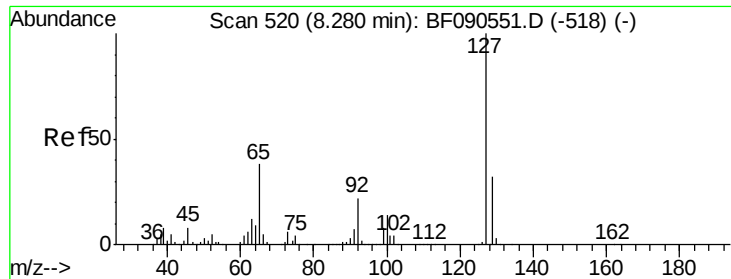
#32
Benzoic acid
Concen: 19.45 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion:122 Resp: 141648
Ion Ratio Lower Upper
122 100
105 117.1 101.1 141.1
77 99.6 84.7 124.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

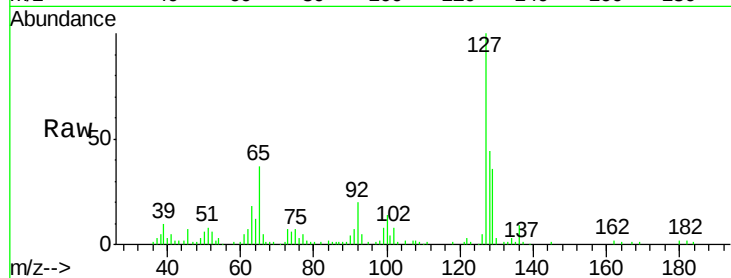




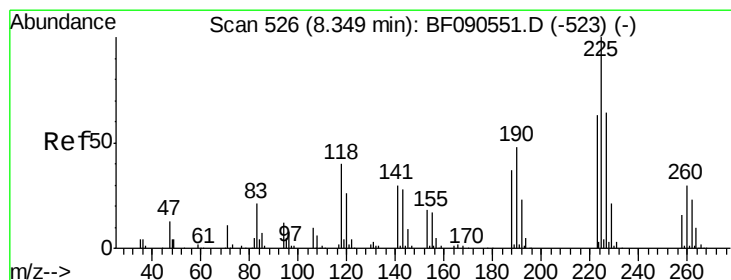
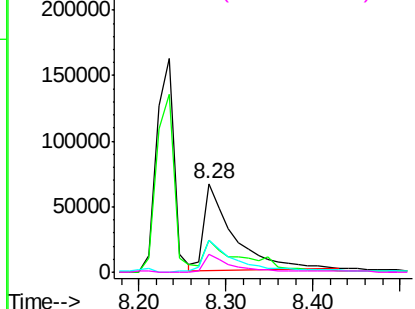
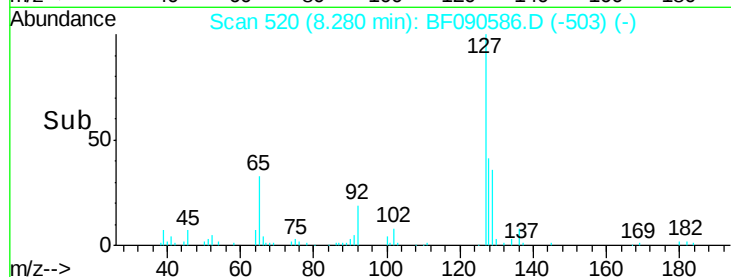
#33
4-Chloroaniline
Concen: 9.33 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Tgt Ion:	127	Resp:	154823
Ion	Ratio	Lower	Upper
127	100		
129	35.6	26.2	39.2
65	36.7	30.1	45.1
92	19.7	17.2	25.8

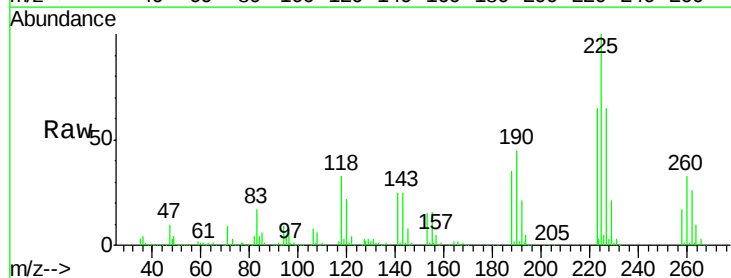


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

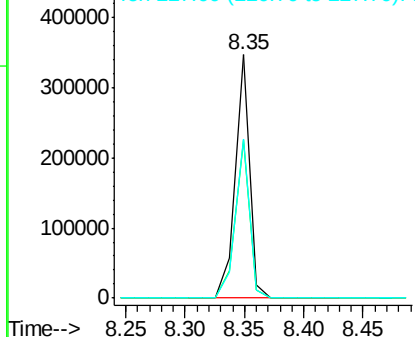
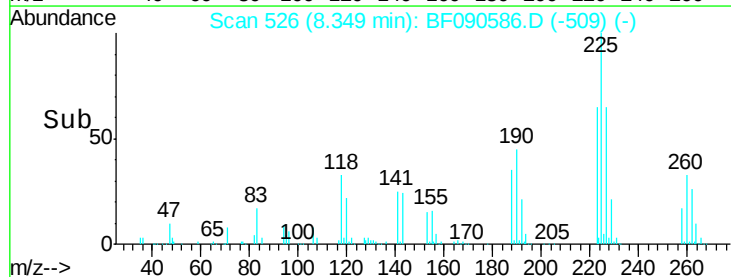


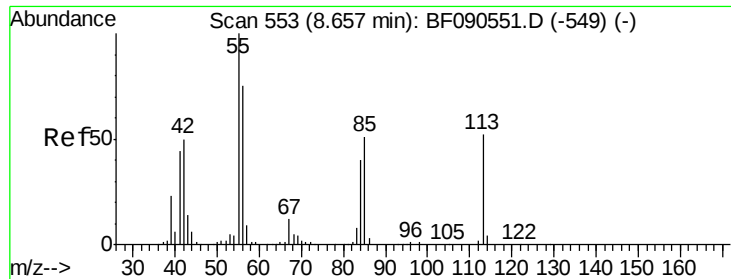
#34
Hexachlorobutadiene
Concen: 43.14 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion:	225	Resp:	293157
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	65.3	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

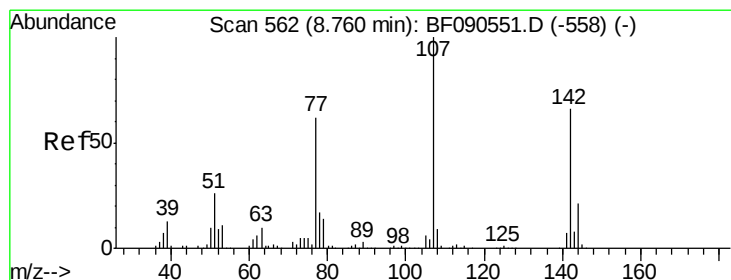
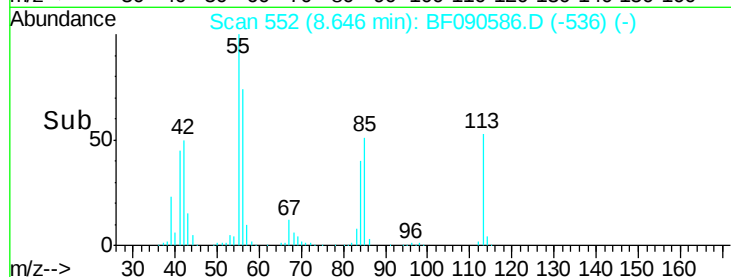
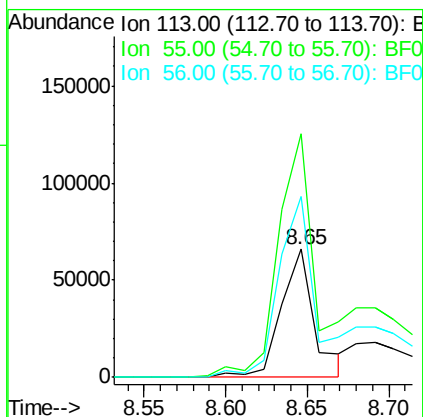
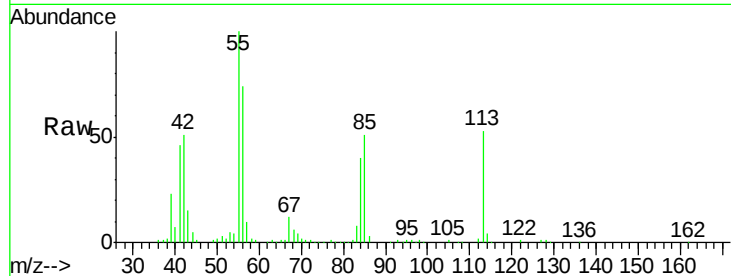




#35
 Caprolactam
 Concen: 32.24 ng
 RT: 8.65 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

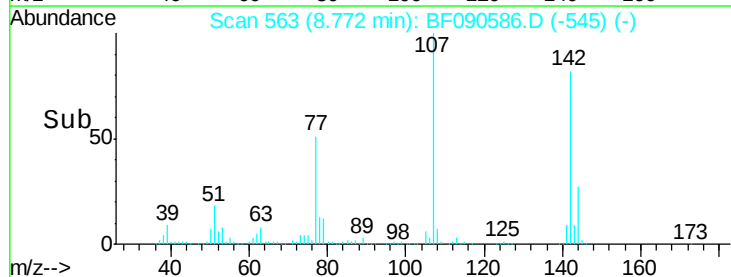
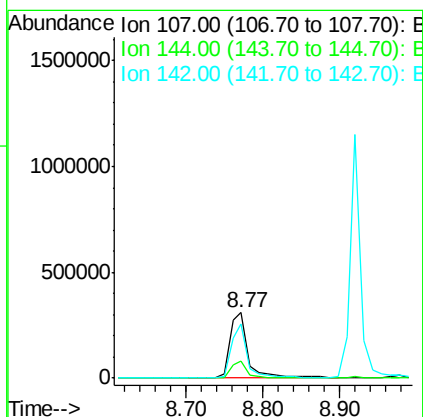
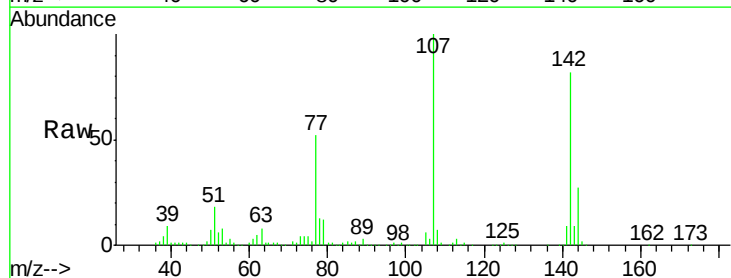
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

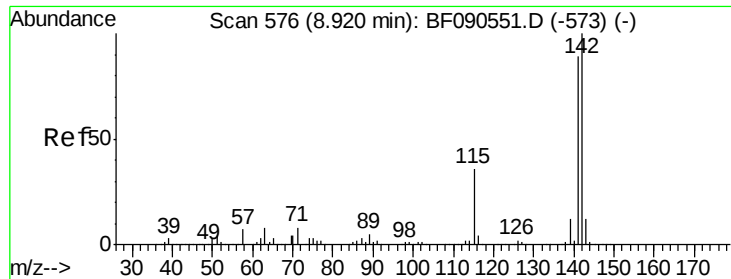
Tgt Ion:113 Resp: 93422
 Ion Ratio Lower Upper
 113 100
 55 189.9 170.8 210.8
 56 140.6 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.09 ng
 RT: 8.77 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:107 Resp: 516307
 Ion Ratio Lower Upper
 107 100
 144 26.5 16.9 25.3#
 142 82.3 52.5 78.7#





#37

2-Methylnaphthalene

Concen: 42.96 ng

RT: 8.92 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

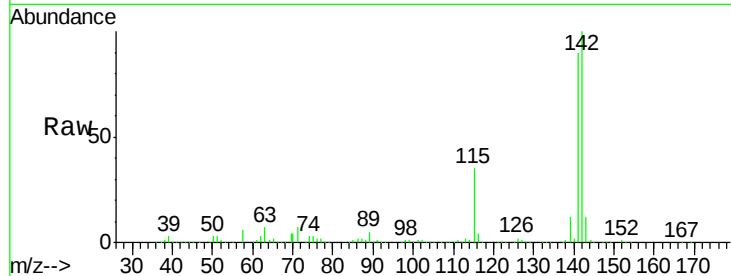
Tgt Ion:142 Resp: 1095498

Ion Ratio Lower Upper

142 100

141 90.1 71.3 106.9

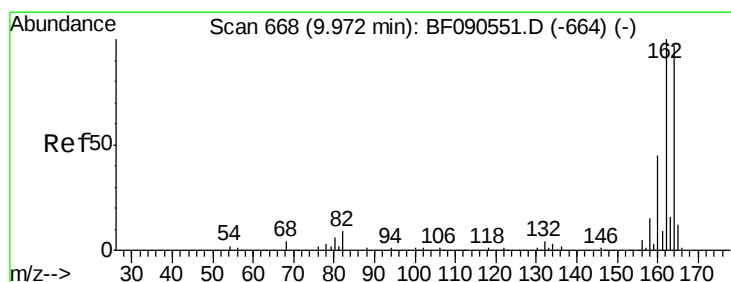
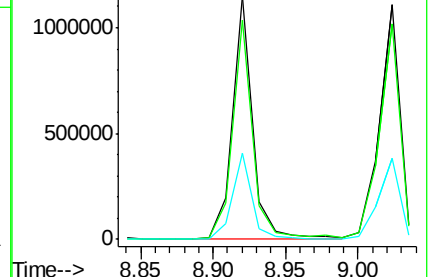
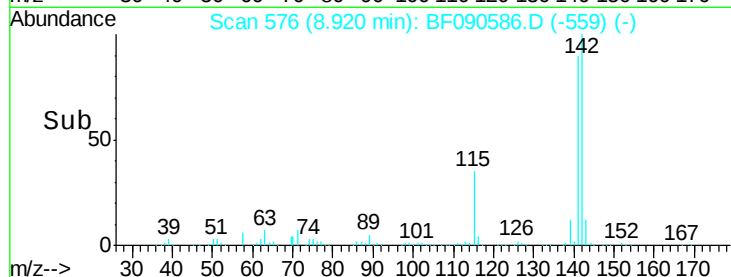
115 35.2 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

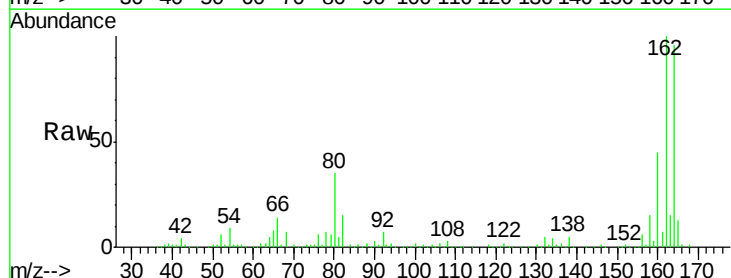
Tgt Ion:164 Resp: 398450

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.4

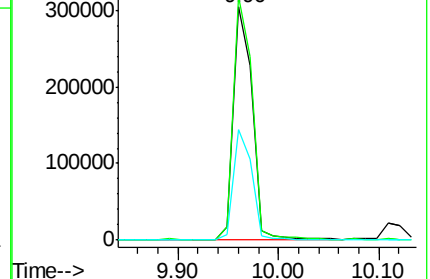
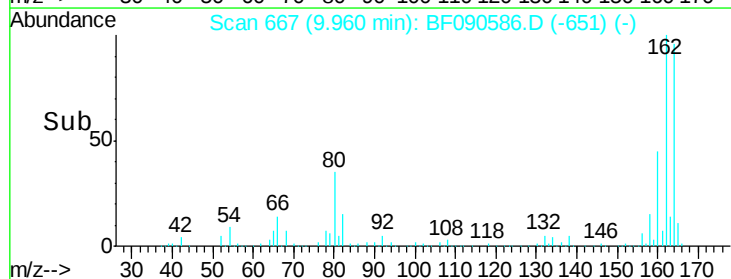
160 47.2 36.6 55.0

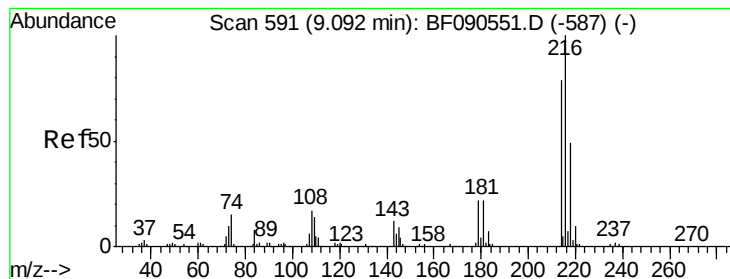


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.21 ng

RT: 9.09 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

Tgt Ion:216 Resp: 498720

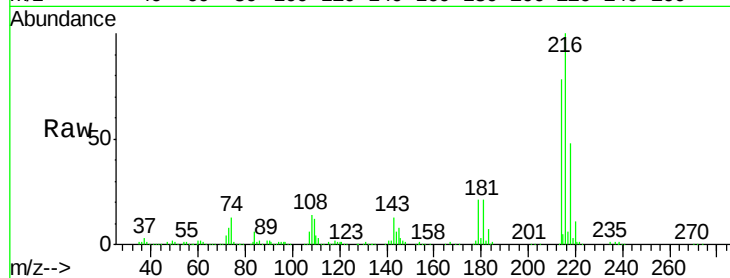
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 22.4 18.9 28.3

108 21.1 17.8 26.6

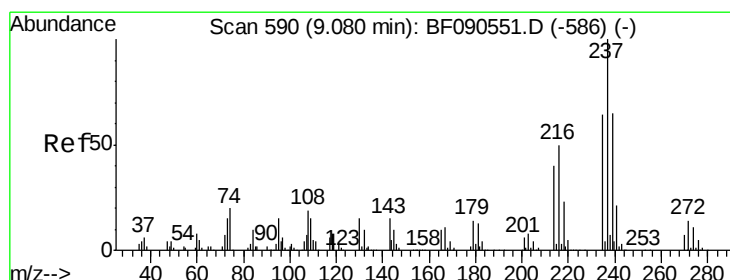
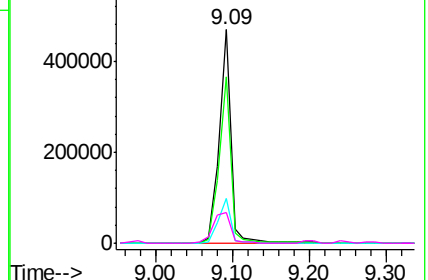
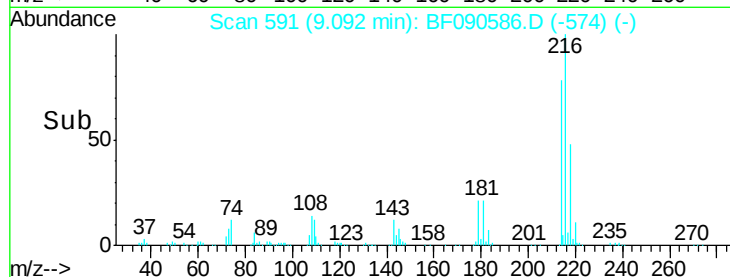


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 70.02 ng

RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

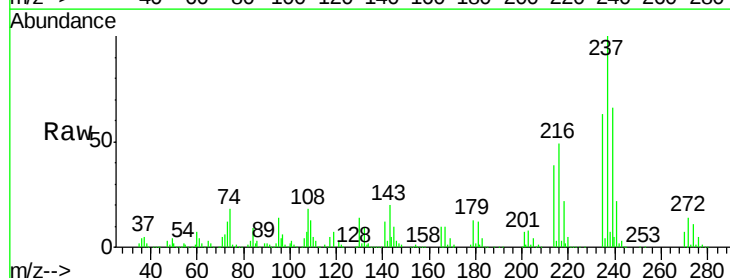
Tgt Ion:237 Resp: 361391

Ion Ratio Lower Upper

237 100

235 63.4 43.8 83.8

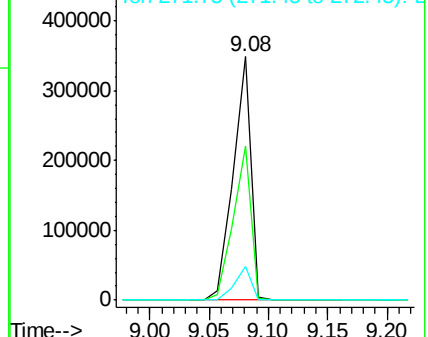
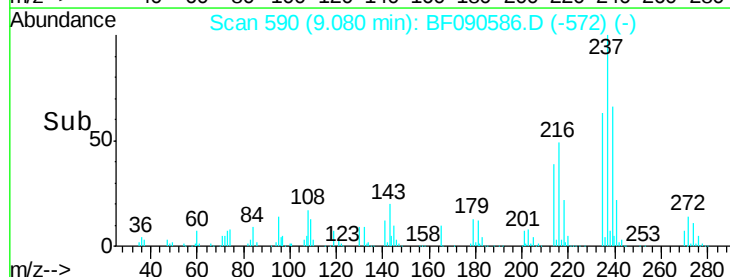
272 13.7 0.0 33.7

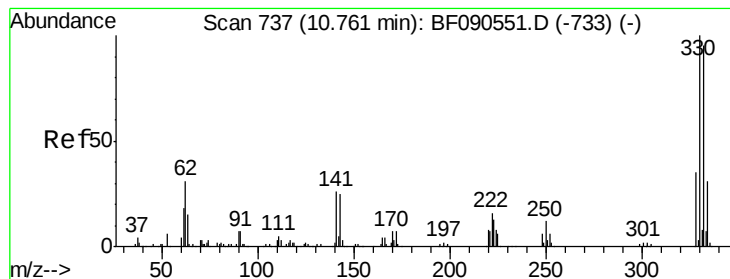


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

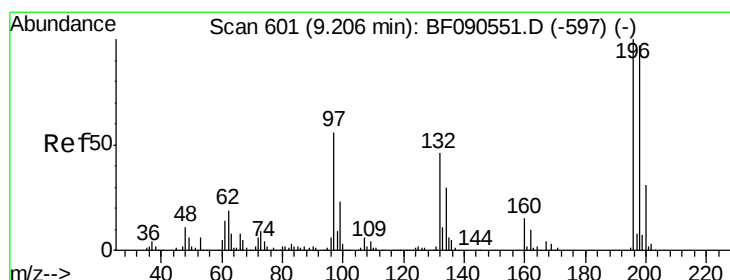
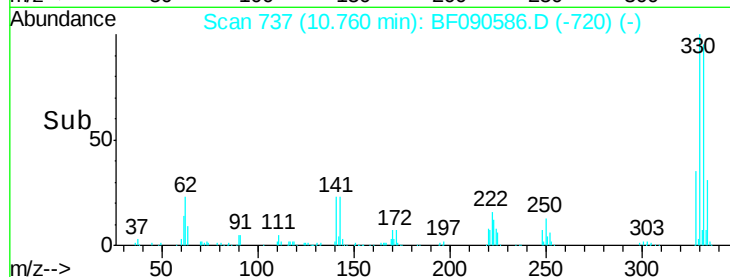
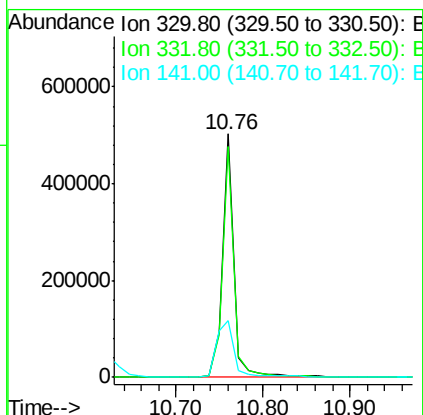
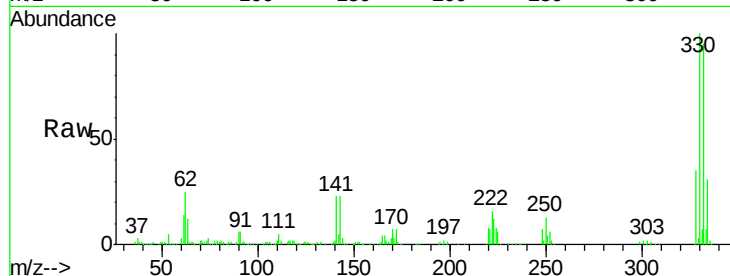




#41
 2,4,6-Tribromophenol
 Concen: 134.04 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

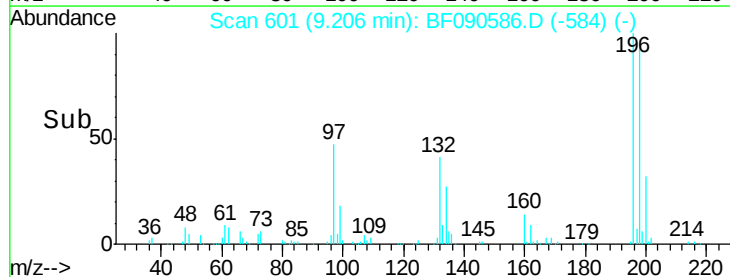
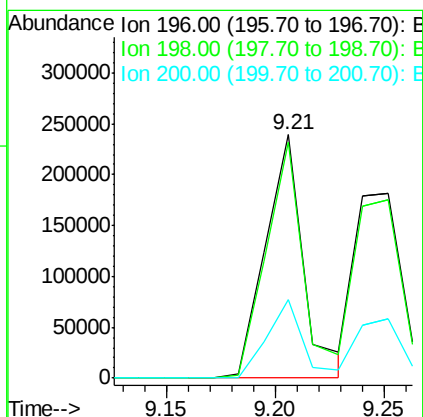
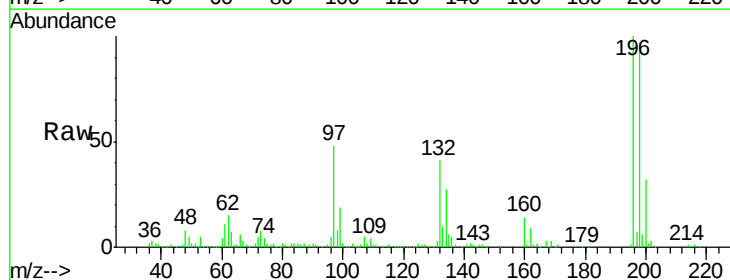
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

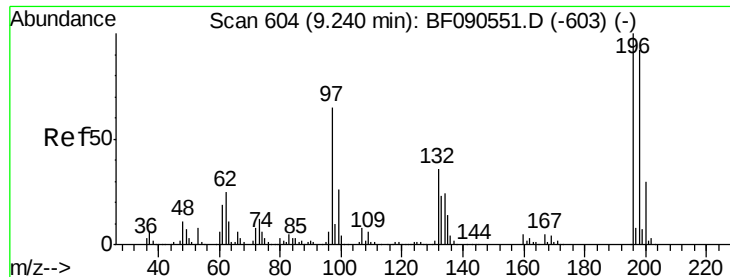
Tgt Ion:330 Resp: 476140
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.2
 141 34.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 48.95 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:196 Resp: 291680
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.9 116.9
 200 32.3 25.1 37.7

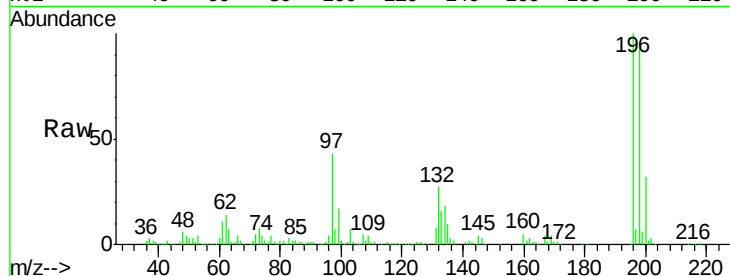




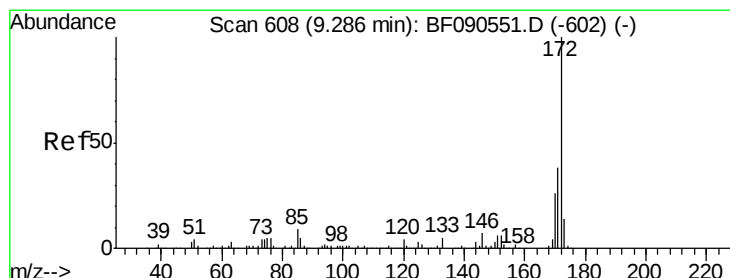
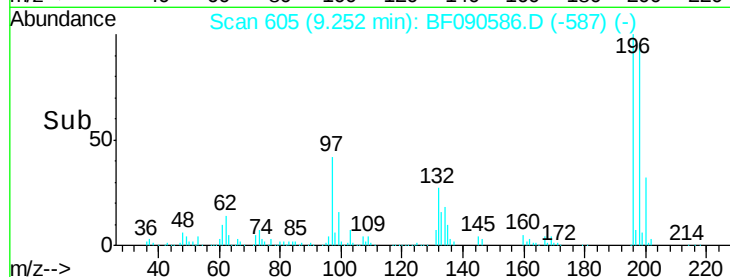
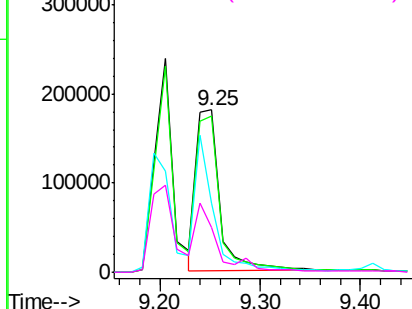
#43
 2,4,5-Trichlorophenol
 Concen: 42.58 ng
 RT: 9.25 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Tgt Ion:196 Resp: 302716
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.0 111.0
 97 42.5 54.7 82.1#
 132 27.5 30.5 45.7#

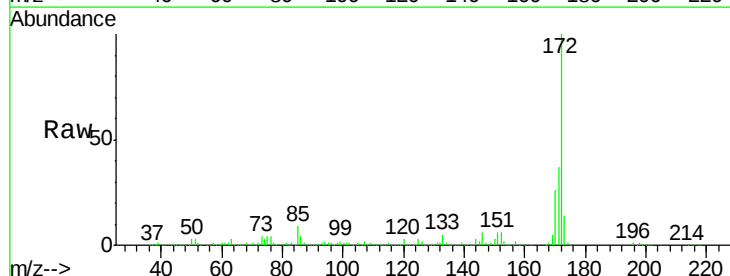


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

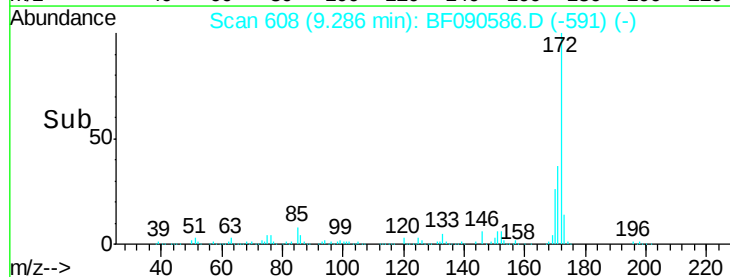
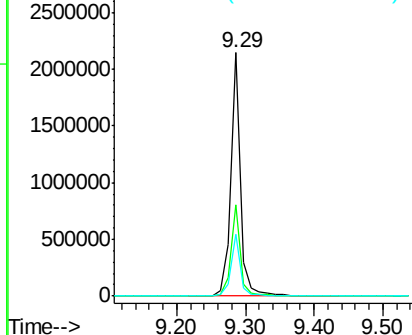


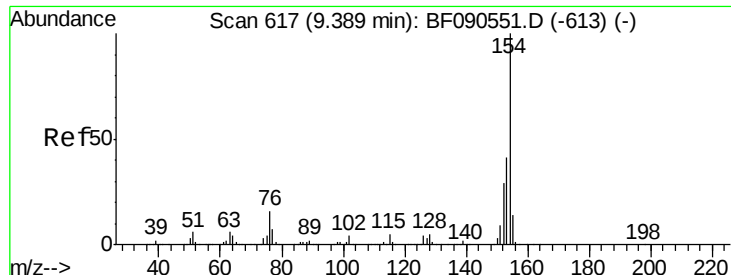
#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:172 Resp: 2169688
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.1 45.1
 170 25.5 20.6 30.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

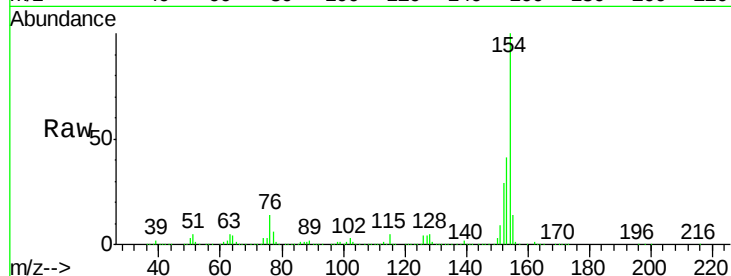




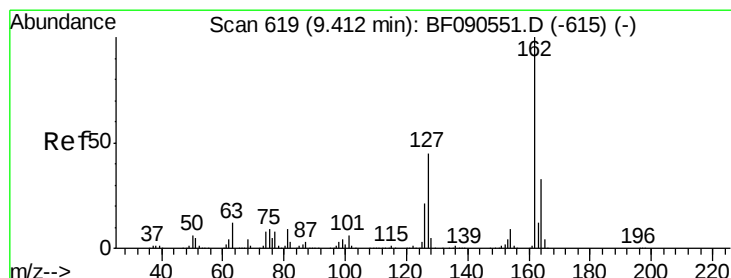
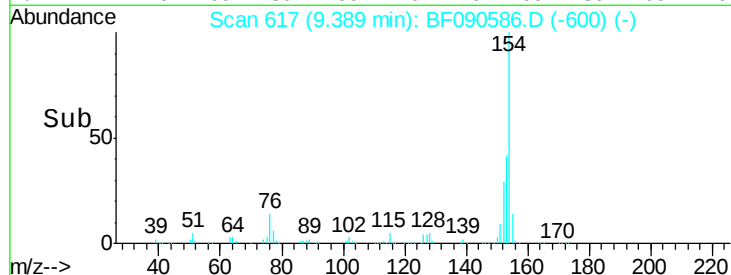
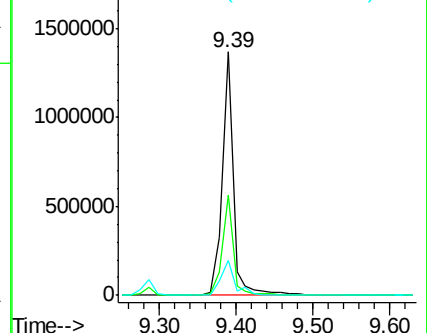
#45
 1,1'-Biphenyl
 Concen: 45.76 ng
 RT: 9.39 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Tgt Ion:154 Resp: 1387620
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.5 61.5
 76 14.4 0.0 36.0

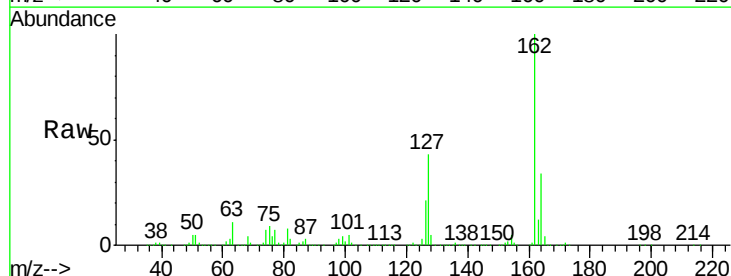


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

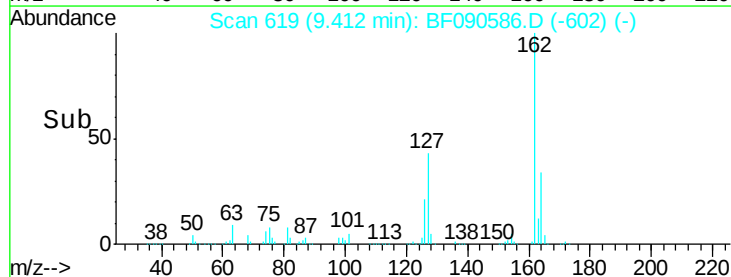
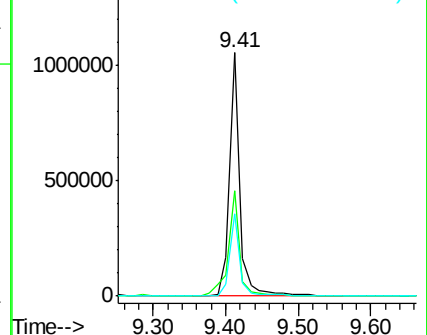


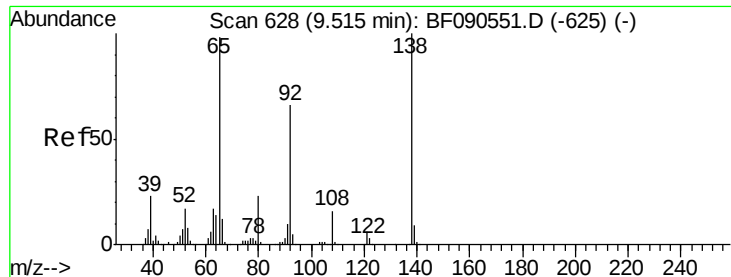
#46
 2-Chloronaphthalene
 Concen: 47.04 ng
 RT: 9.41 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:162 Resp: 1063512
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.9 53.9
 164 33.9 26.7 40.1



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

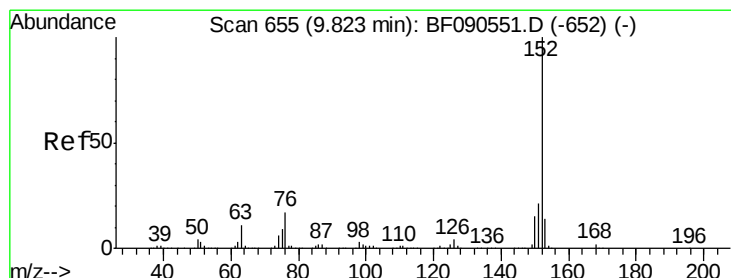
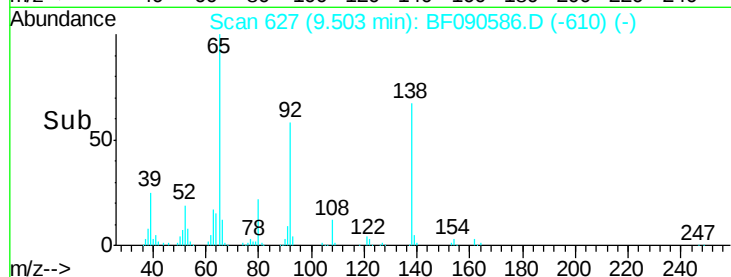
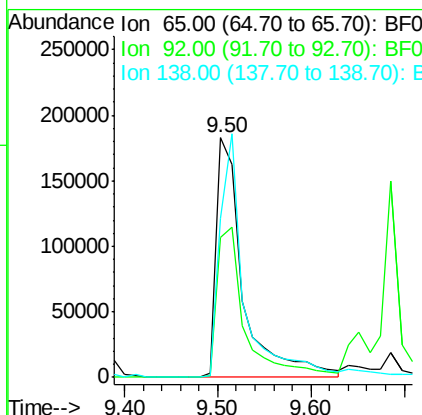
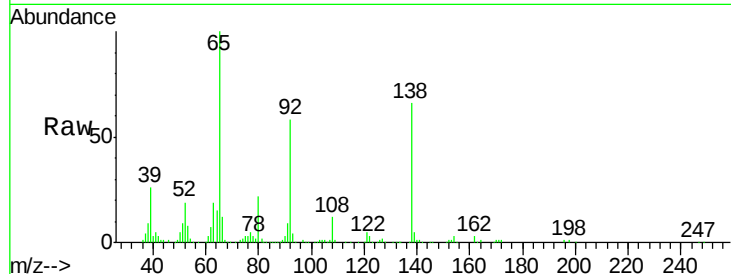




#47
2-Nitroaniline
Concen: 44.34 ng
RT: 9.50 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

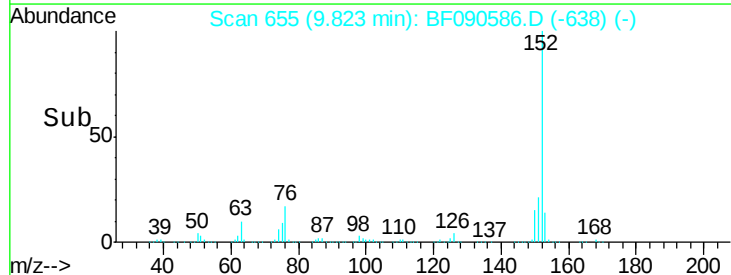
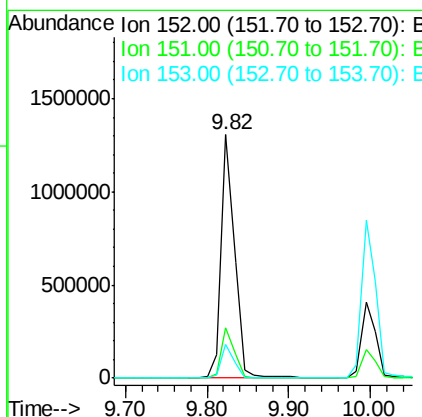
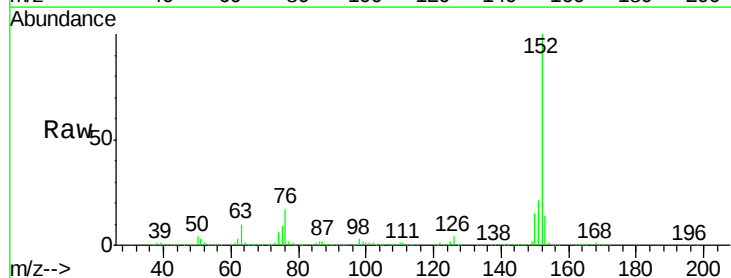
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

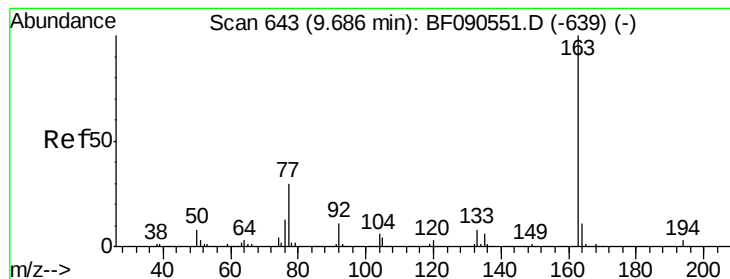
Tgt Ion: 65 Resp: 363384
Ion Ratio Lower Upper
65 100
92 58.3 54.3 81.5
138 66.4 81.7 122.5#



#48
Acenaphthylene
Concen: 41.31 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion: 152 Resp: 1487096
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 50.17 ng

RT: 9.69 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

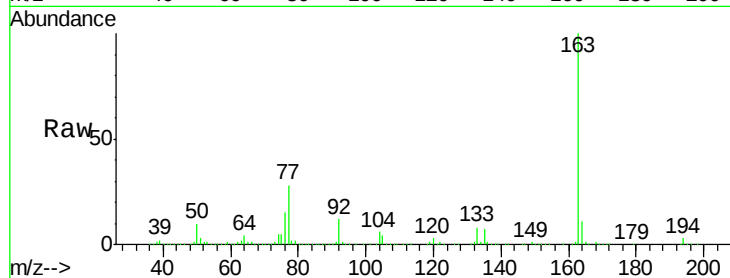
Tgt Ion:163 Resp: 1297083

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

164 11.0 8.6 13.0

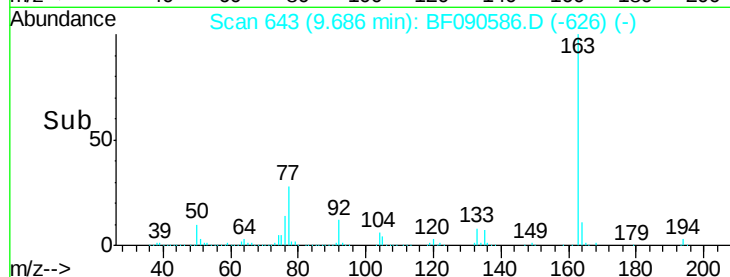


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

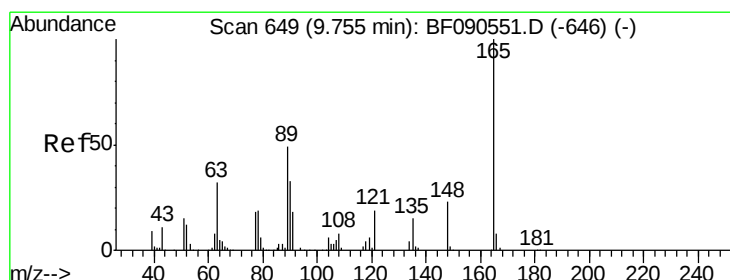
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 43.38 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

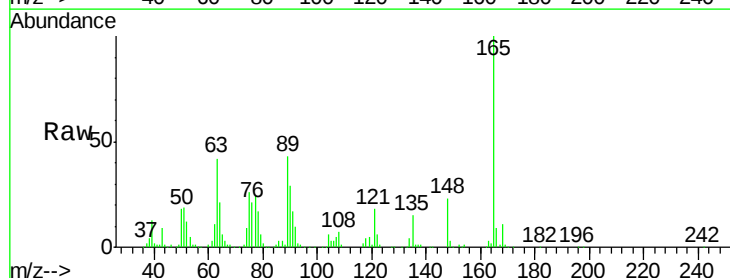
Tgt Ion:165 Resp: 245414

Ion Ratio Lower Upper

165 100

63 41.9 40.1 60.1

89 43.5 39.5 59.3

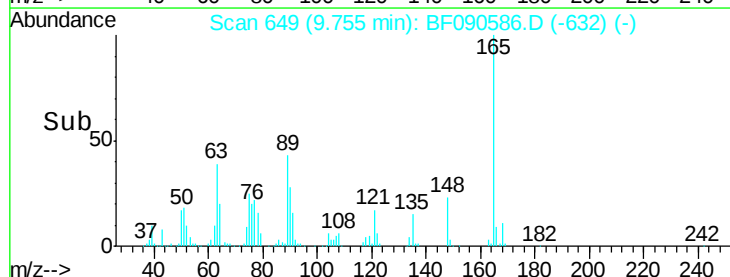


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

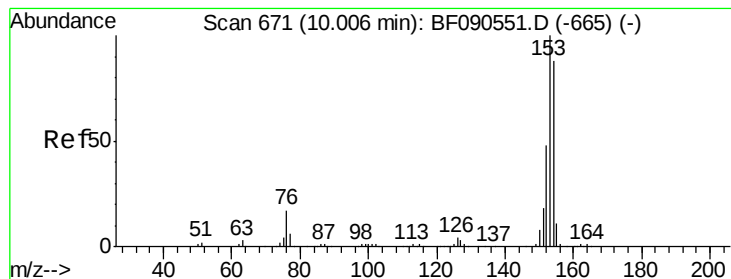
Ion 89.00 (88.70 to 89.70): BF0

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 41.27 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

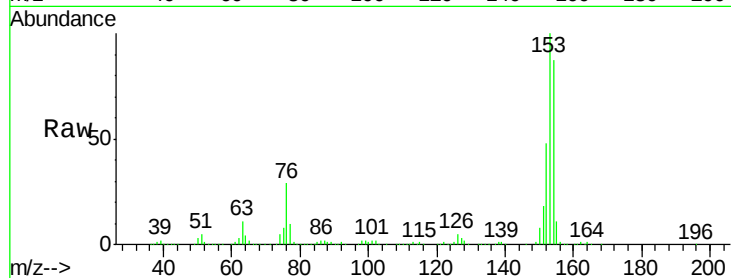
Tgt Ion:154 Resp: 987442

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

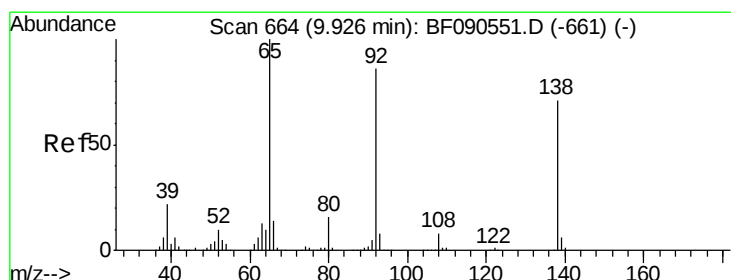
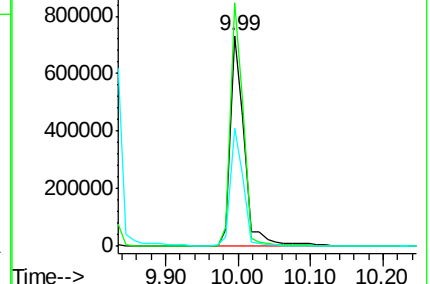
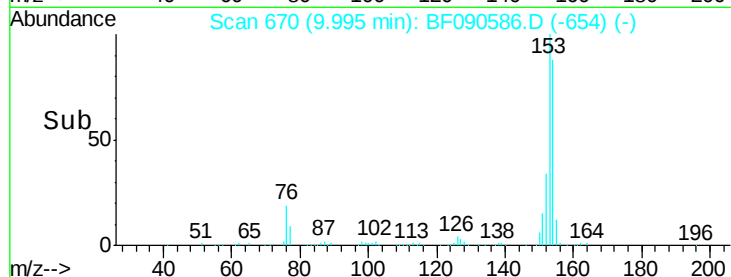
152 55.8 44.0 66.0



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: 25.61 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

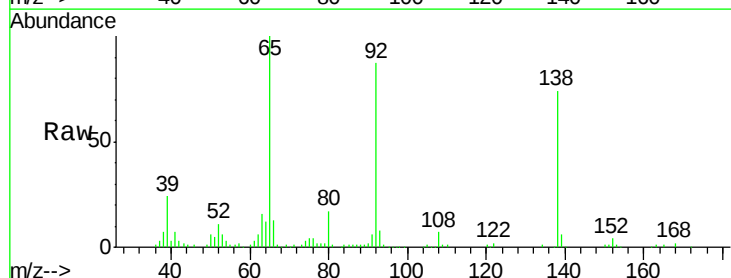
Tgt Ion:138 Resp: 181782

Ion Ratio Lower Upper

138 100

108 9.4 8.6 12.8

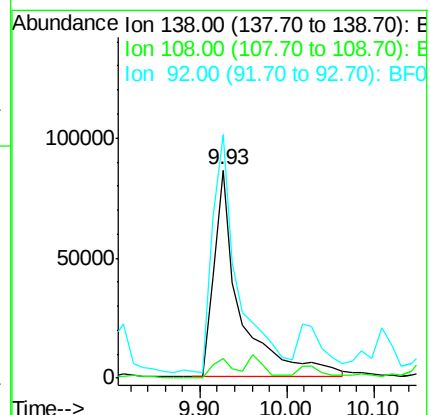
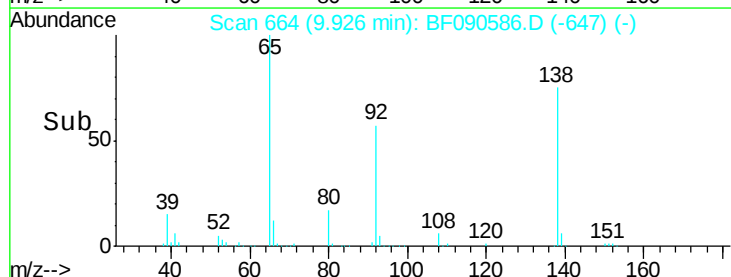
92 116.9 97.8 146.8

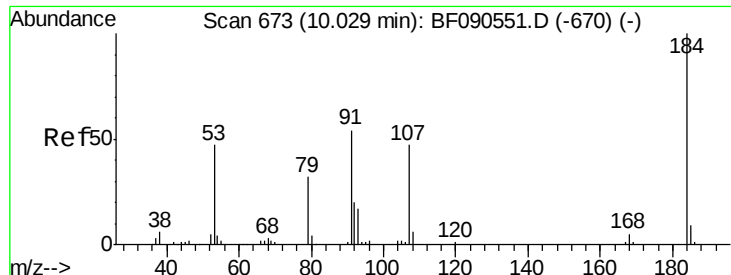


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

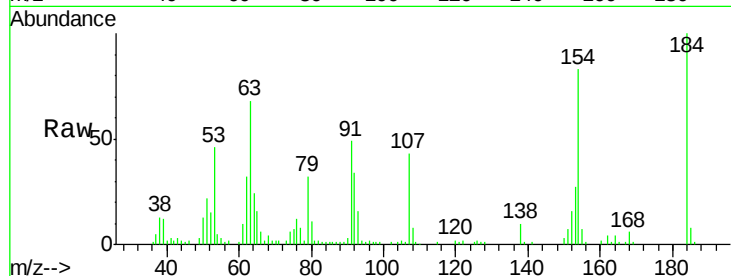




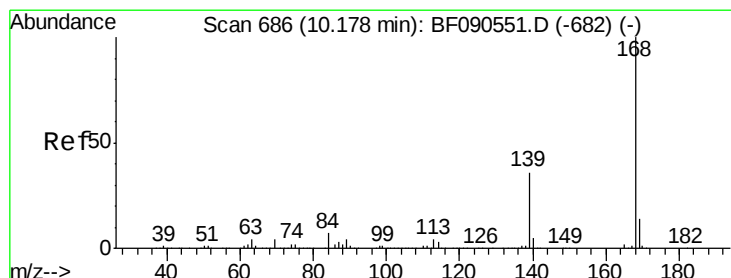
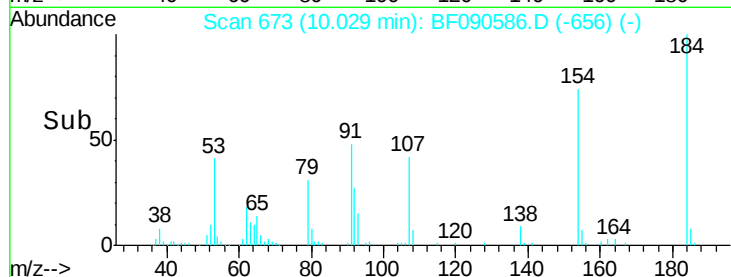
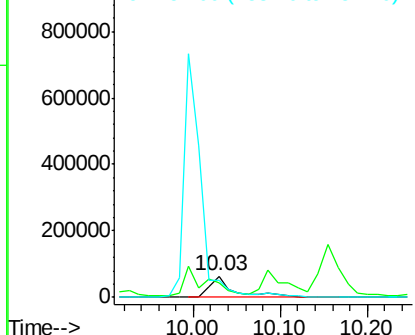
#53
2,4-Dinitrophenol
Concen: 43.65 ng
RT: 10.03 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Tgt Ion:184 Resp: 125521
Ion Ratio Lower Upper
184 100
63 67.5 60.2 90.2
154 82.6 86.1 129.1#

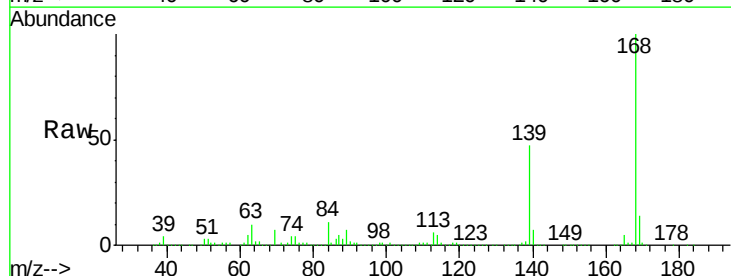


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

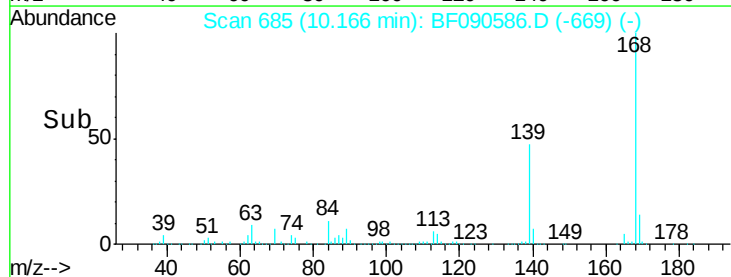
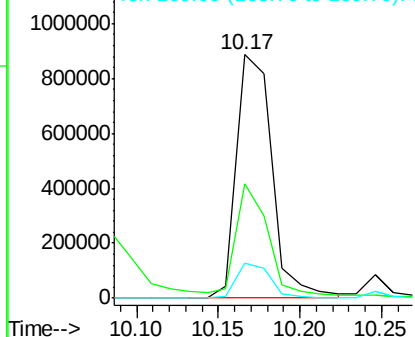


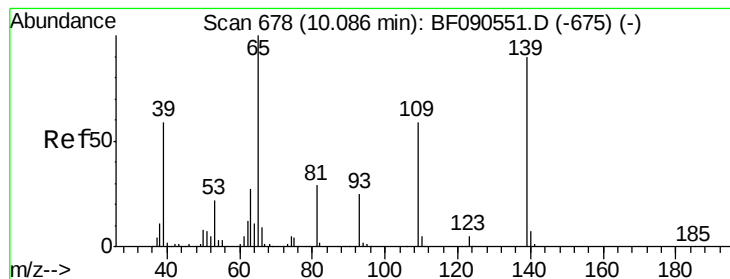
#54
Dibenzofuran
Concen: 42.19 ng
RT: 10.17 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion:168 Resp: 1328080
Ion Ratio Lower Upper
168 100
139 46.9 30.5 45.7#
169 14.3 10.9 16.3



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: 83.22 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

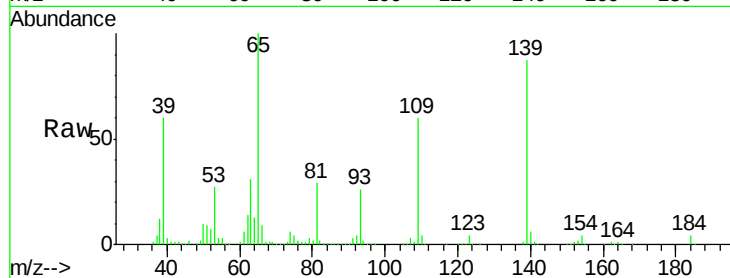
Tgt Ion:139 Resp: 355508

Ion Ratio Lower Upper

139 100

109 68.8 45.9 85.9

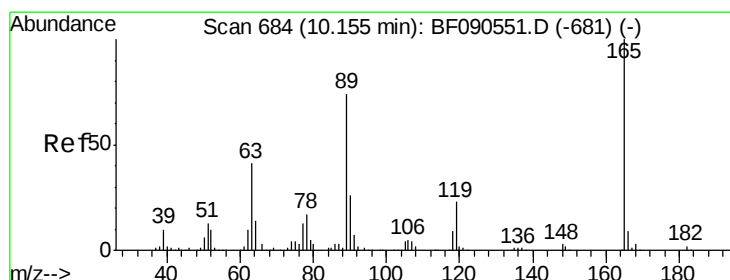
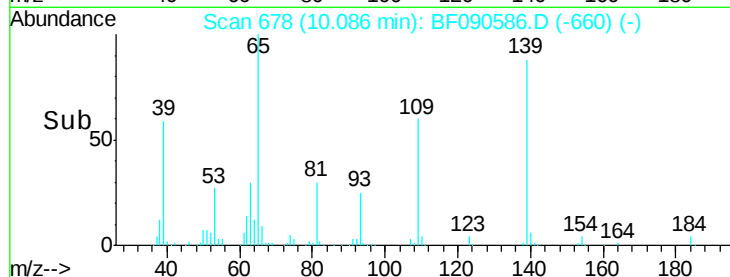
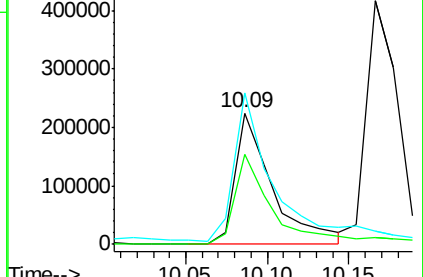
65 115.5 95.8 135.8



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: 46.81 ng

RT: 10.15 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Tgt Ion:165 Resp: 359674

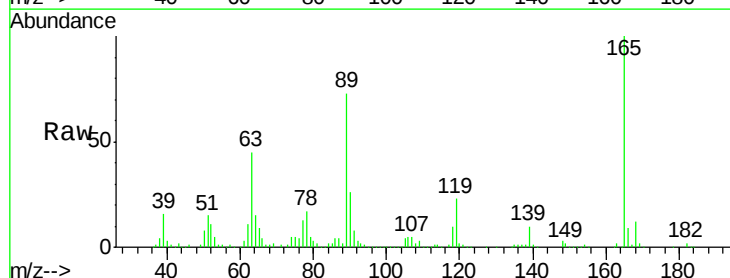
Ion Ratio Lower Upper

165 100

63 45.4 35.4 53.0

89 72.9 59.0 88.4

182 2.1 1.8 2.6

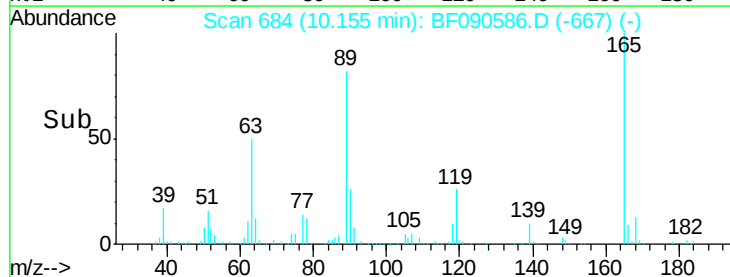
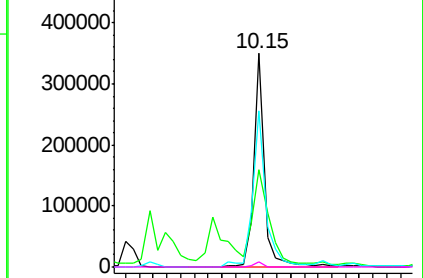


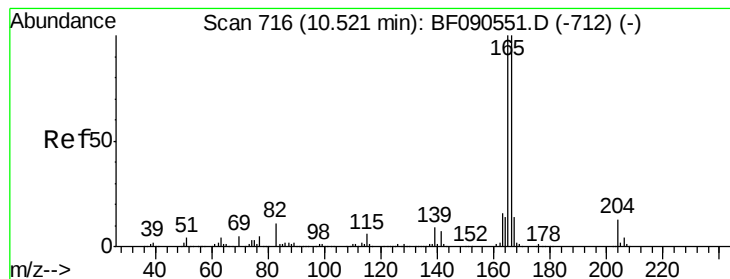
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.13 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

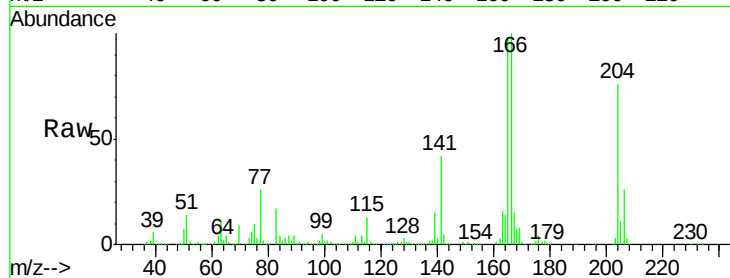
Tgt Ion:166 Resp: 1093765

Ion Ratio Lower Upper

166 100

165 98.2 79.9 119.9

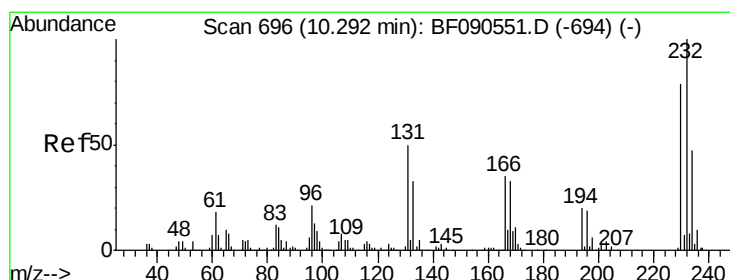
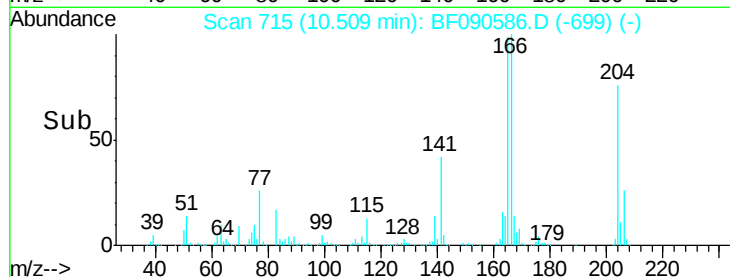
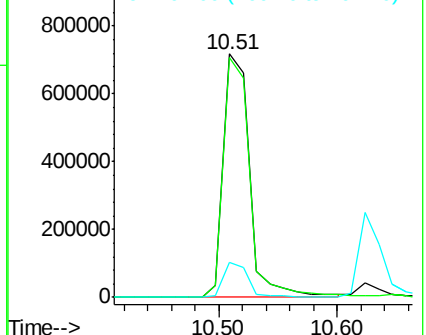
167 14.5 10.9 16.3



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: 43.68 ng

RT: 10.29 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Tgt Ion:232 Resp: 258638

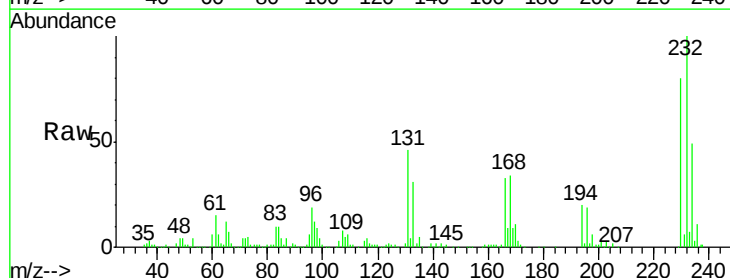
Ion Ratio Lower Upper

232 100

131 52.6 42.6 64.0

130 2.6 1.8 2.8

166 33.0 27.5 41.3

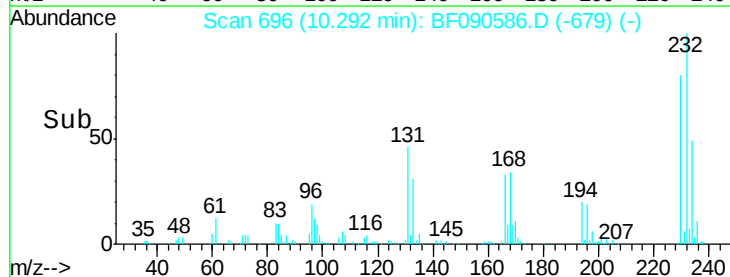
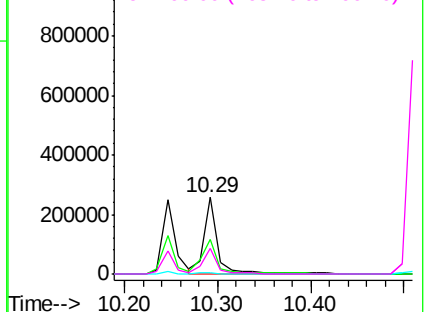


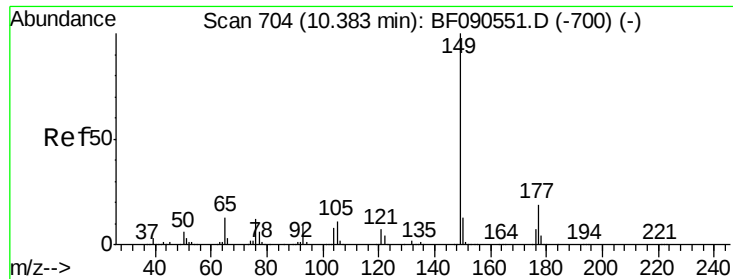
Abundance Ion 232.00 (231.70 to 232.70): E

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

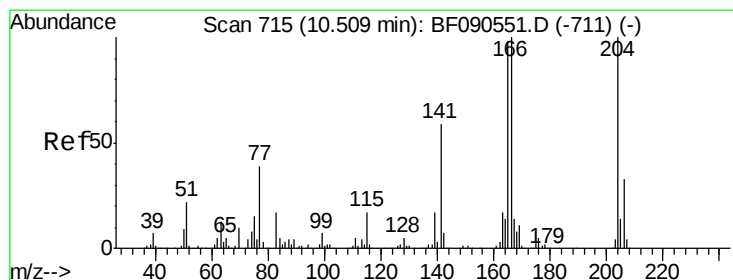
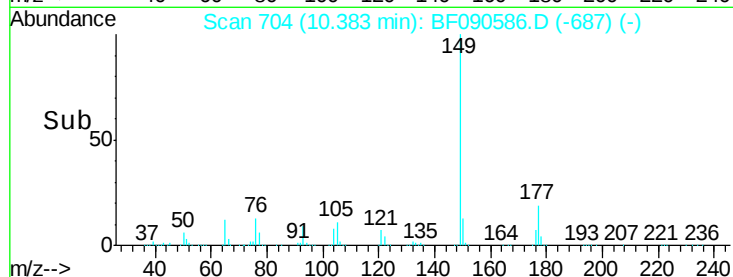
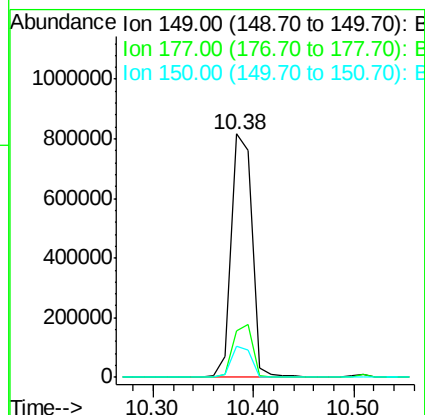
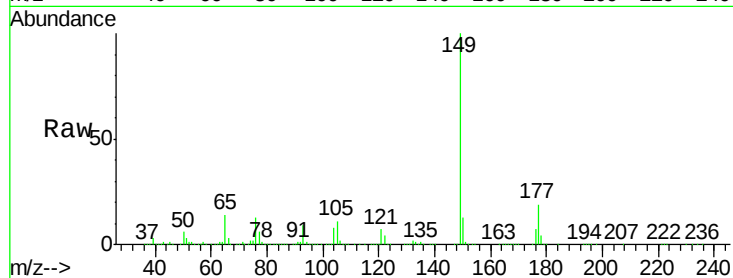




#59
Diethylphthalate
Concen: 44.84 ng
RT: 10.38 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

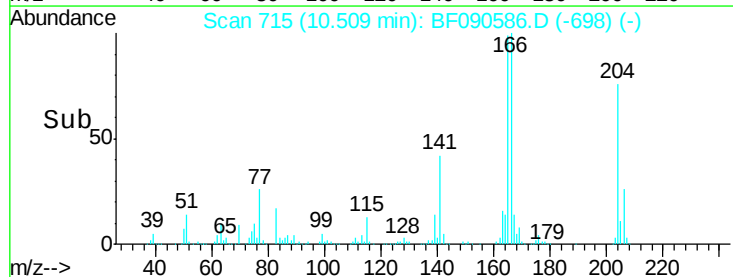
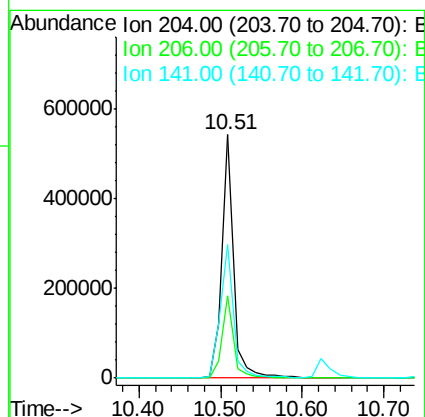
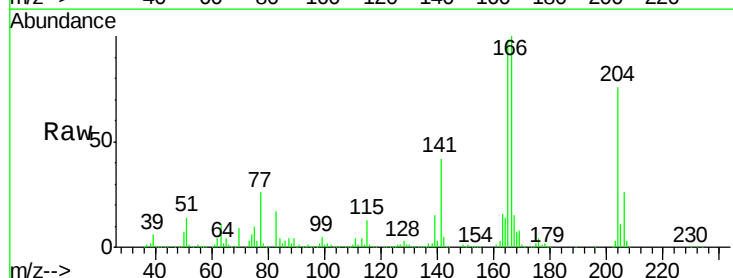
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

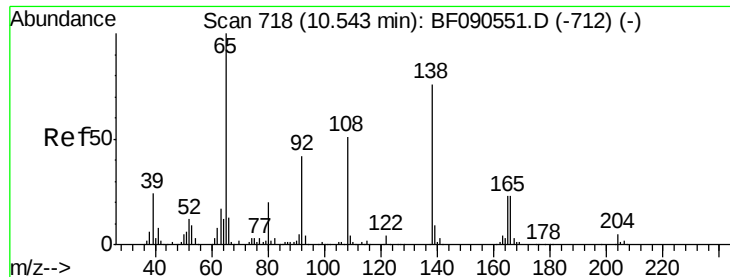
Tgt Ion:149 Resp: 1175778
Ion Ratio Lower Upper
149 100
177 18.9 15.3 22.9
150 12.9 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 44.57 ng
RT: 10.51 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion:204 Resp: 545480
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 55.0 47.2 70.8

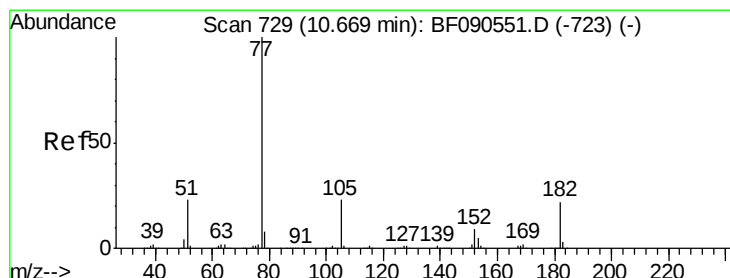
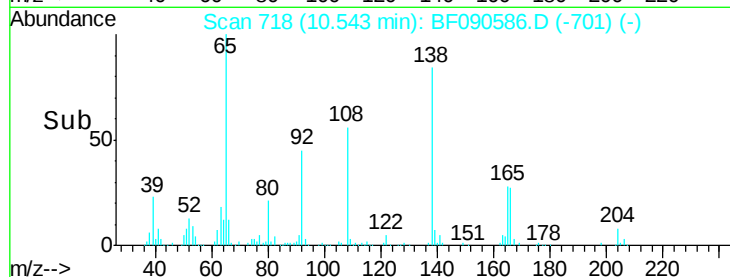
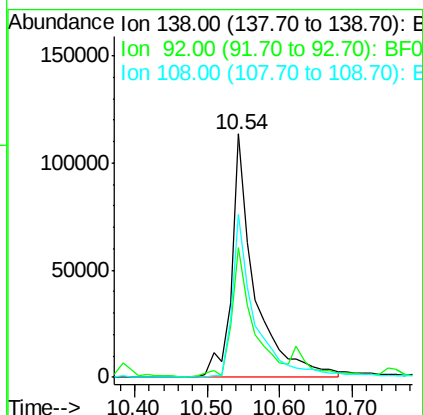
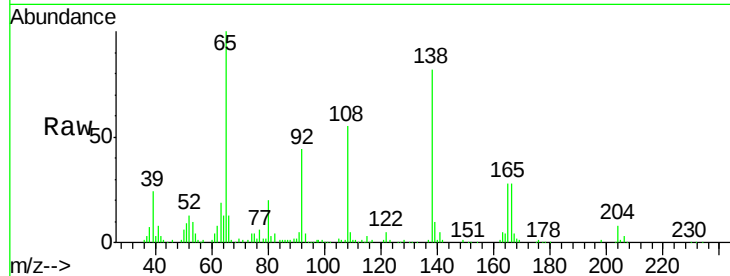




#61
4-Nitroaniline
Concen: 35.22 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

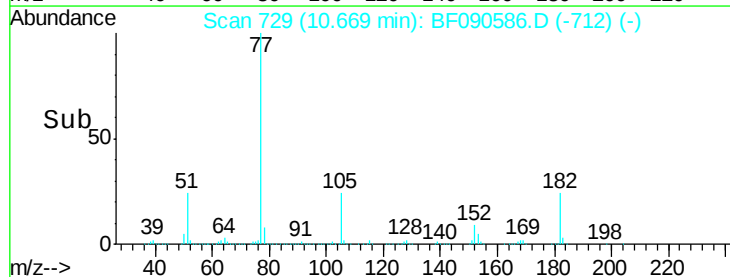
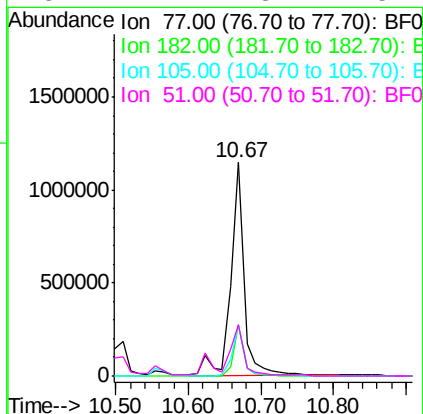
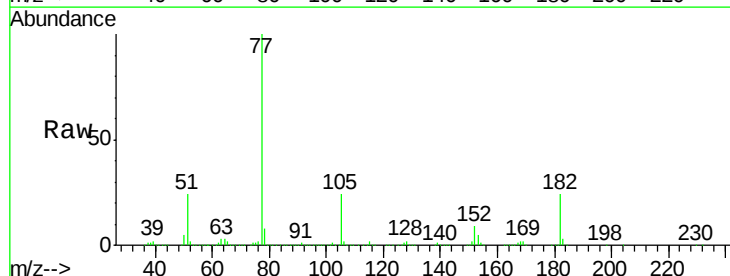
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

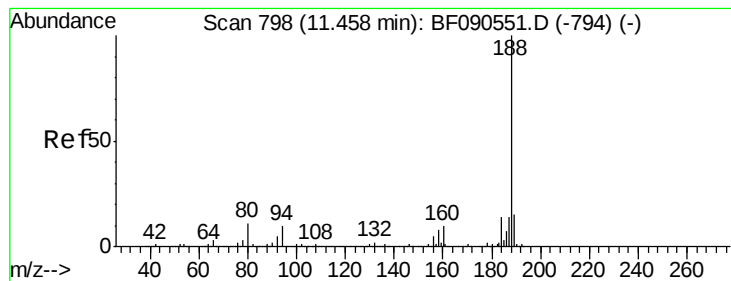
Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	35.7	75.7
108	66.8	46.9	86.9



#62
Azobenzene
Concen: 49.01 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	2.2	42.2
105	24.1	3.5	43.5
51	24.2	3.7	43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

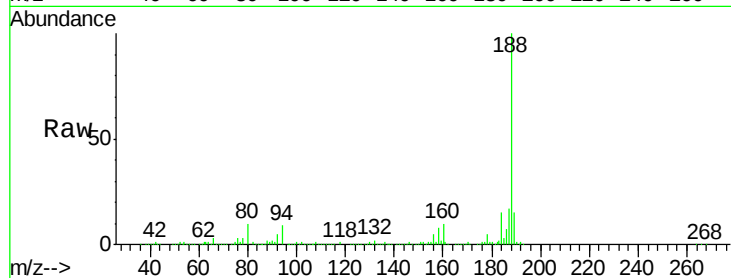
Tgt Ion:188 Resp: 612196

Ion Ratio Lower Upper

188 100

94 9.1 7.7 11.5

80 10.3 8.6 12.8

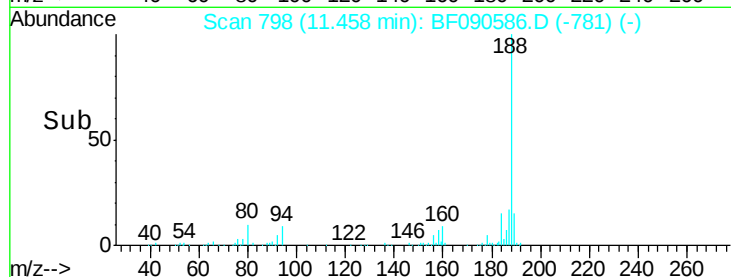


Abundance Ion 188.00 (187.70 to 188.70): E

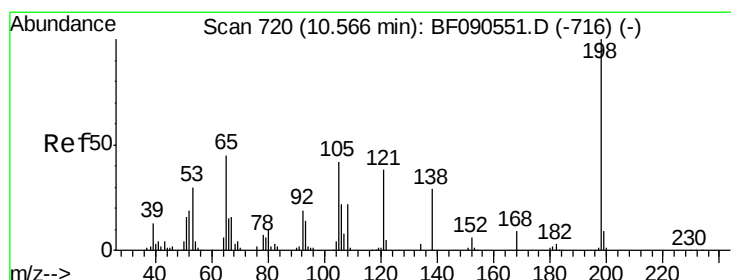
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 29.34 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

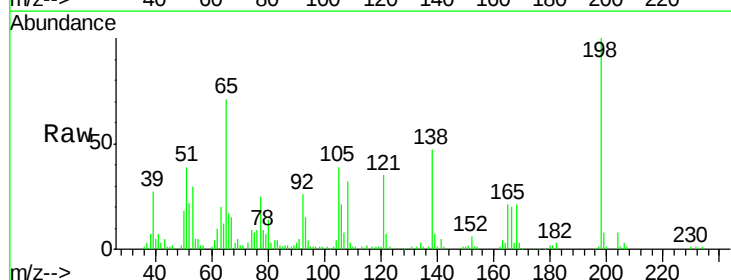
Tgt Ion:198 Resp: 108695

Ion Ratio Lower Upper

198 100

51 39.0 19.7 59.7

105 39.0 22.6 62.6

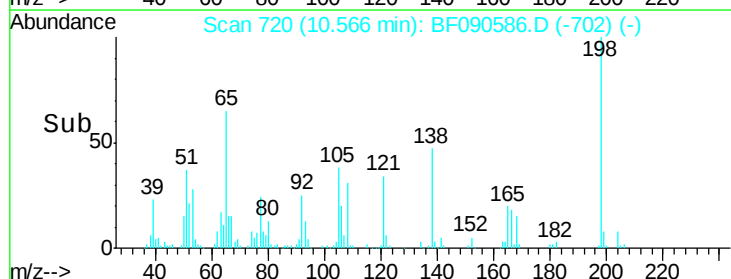


Abundance Ion 198.00 (197.70 to 198.70): E

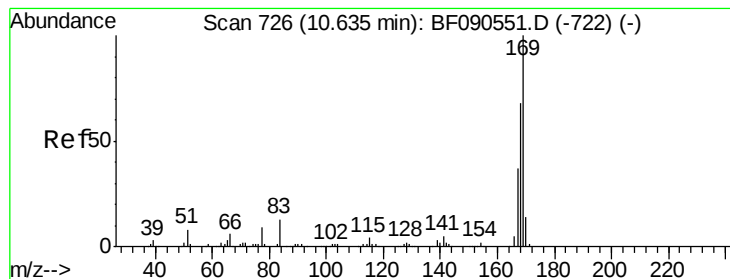
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 44.76 ng

RT: 10.62 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

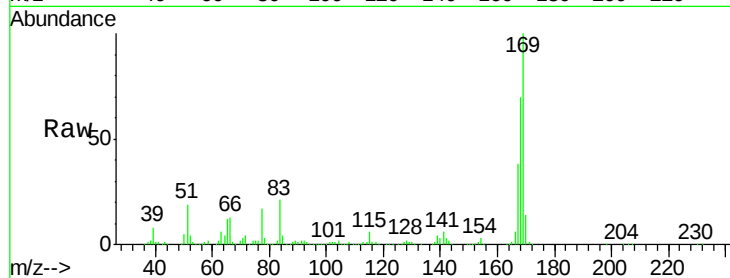
Tgt Ion:169 Resp: 905060

Ion Ratio Lower Upper

169 100

168 69.6 54.6 81.8

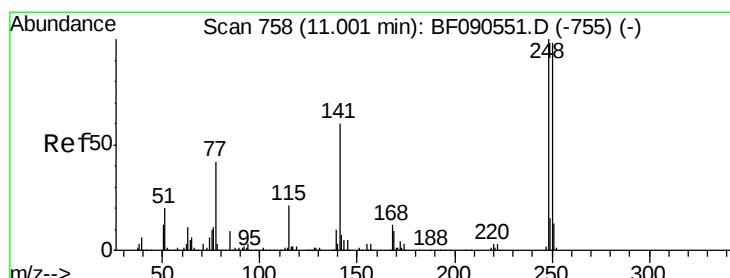
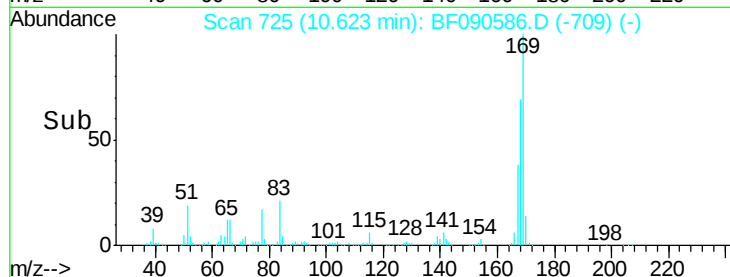
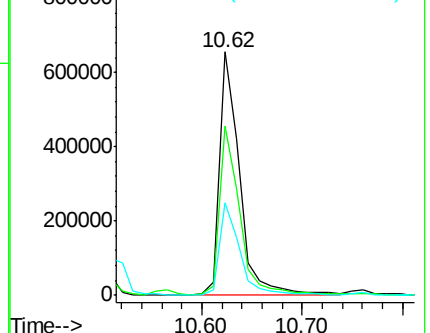
167 38.1 29.8 44.8



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: 45.14 ng

RT: 11.00 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

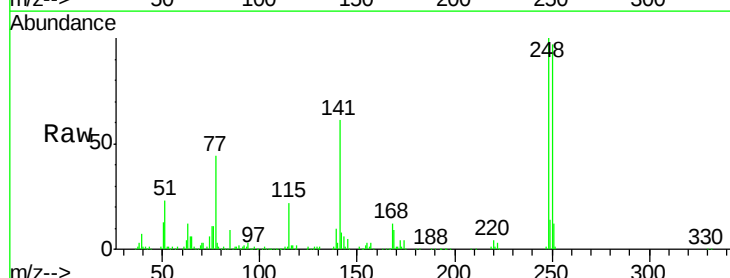
Tgt Ion:248 Resp: 296505

Ion Ratio Lower Upper

248 100

250 97.3 78.4 117.6

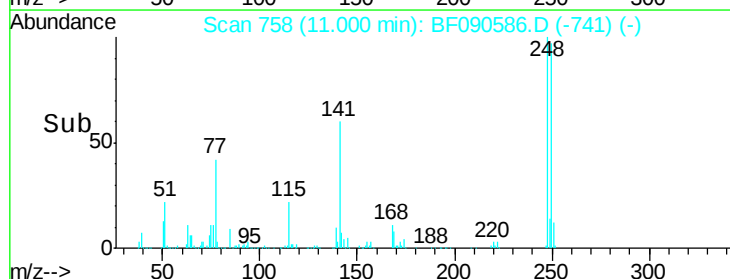
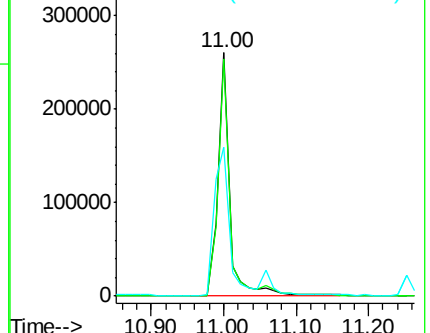
141 61.2 48.4 72.6

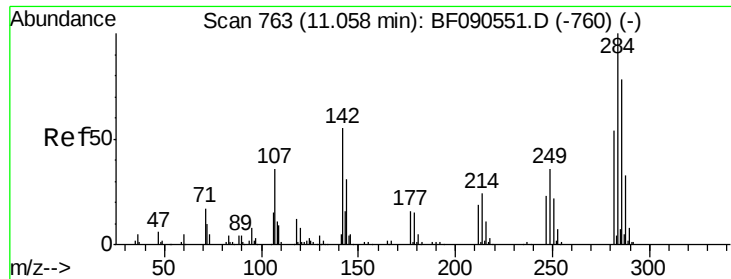


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.90 ng

RT: 11.06 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

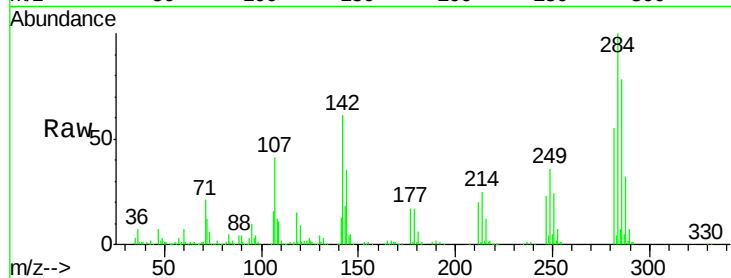
Tgt Ion:284 Resp: 298820

Ion Ratio Lower Upper

284 100

142 61.0 44.5 66.7

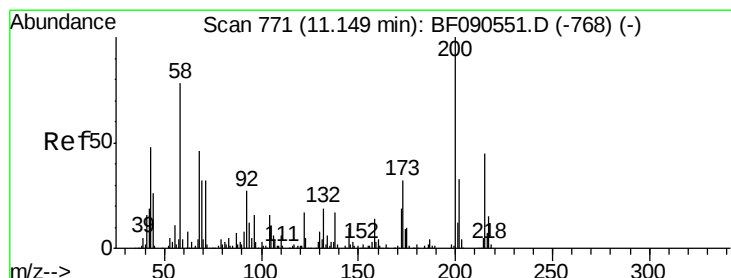
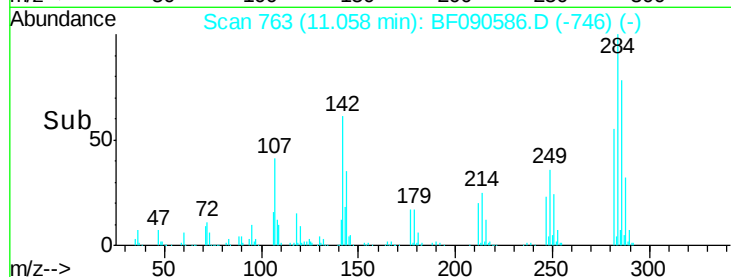
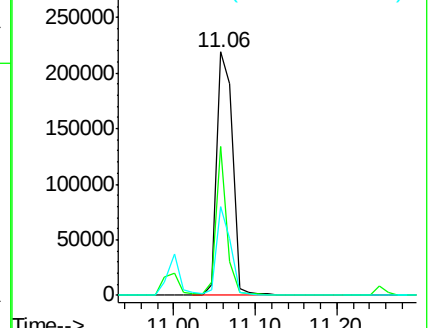
249 36.5 29.6 44.4



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: 44.43 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

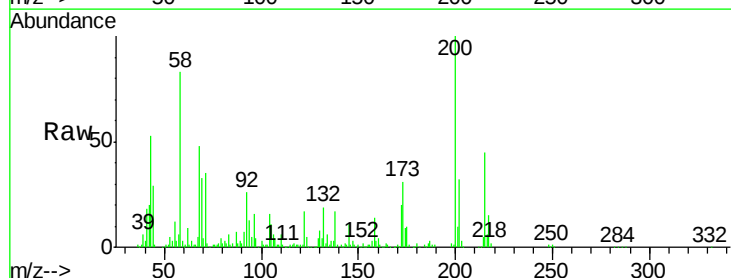
Tgt Ion:200 Resp: 248476

Ion Ratio Lower Upper

200 100

173 31.5 12.0 52.0

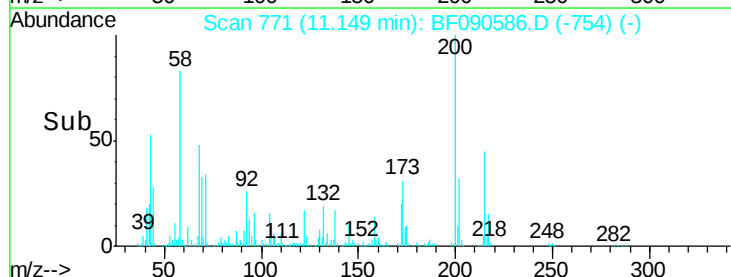
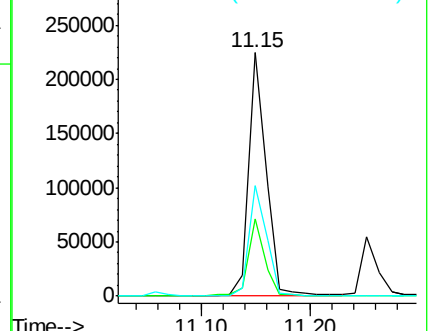
215 45.2 25.2 65.2

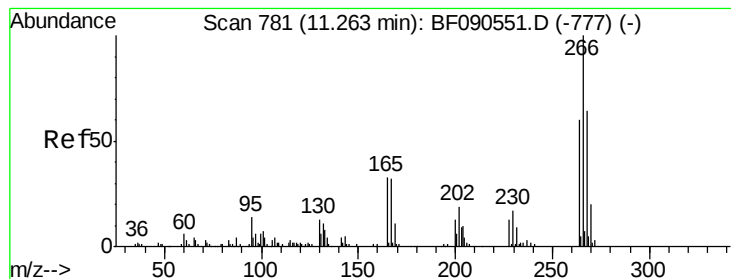


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.26 ng

RT: 11.25 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

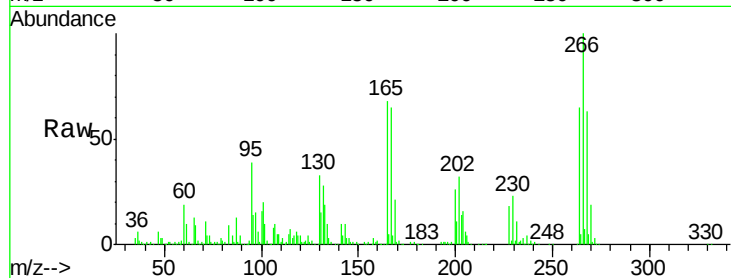
Tgt Ion:266 Resp: 290780

Ion Ratio Lower Upper

266 100

268 62.9 51.5 77.3

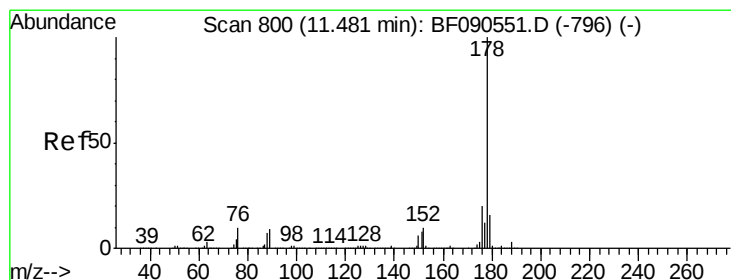
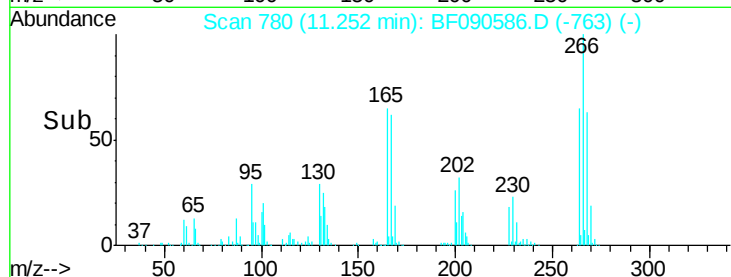
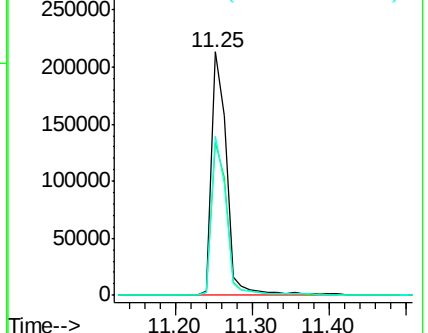
264 65.4 47.9 71.9



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: 43.37 ng

RT: 11.48 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

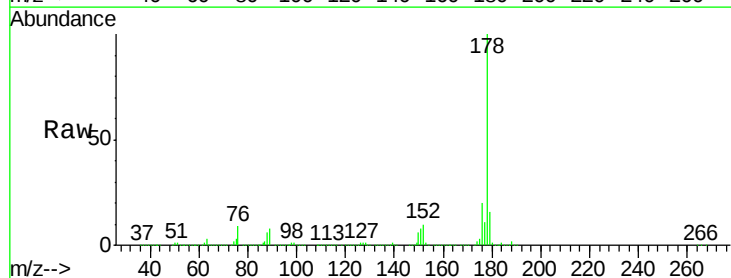
Tgt Ion:178 Resp: 1417180

Ion Ratio Lower Upper

178 100

176 20.3 16.1 24.1

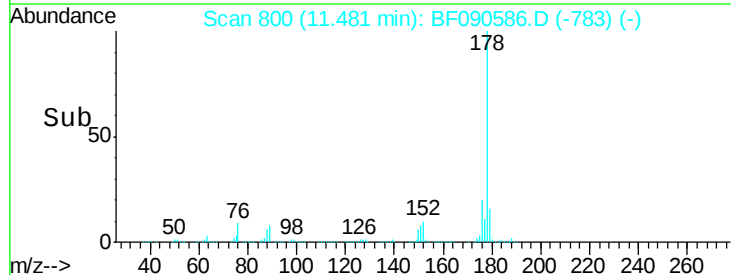
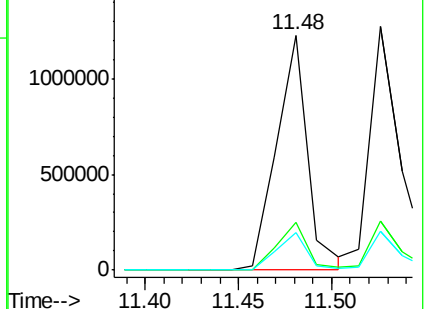
179 15.8 12.6 19.0

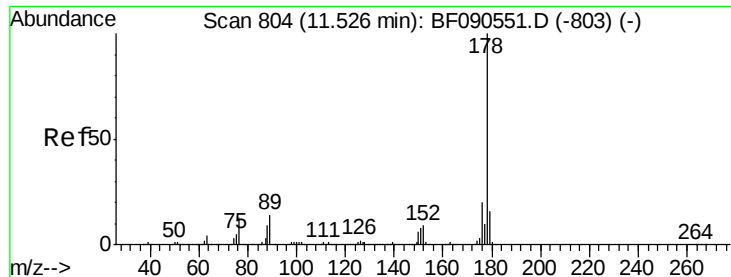


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

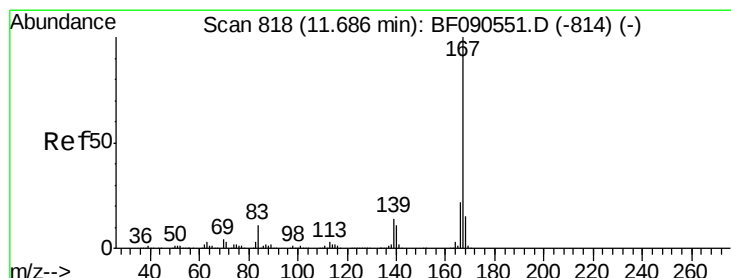
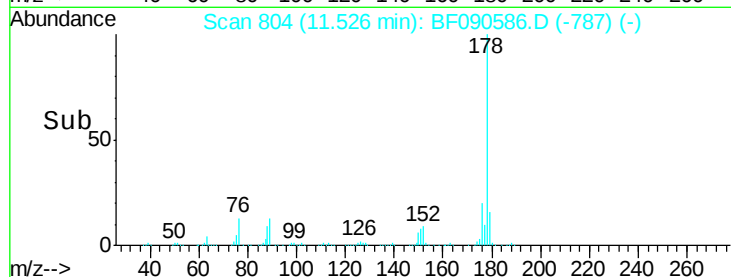
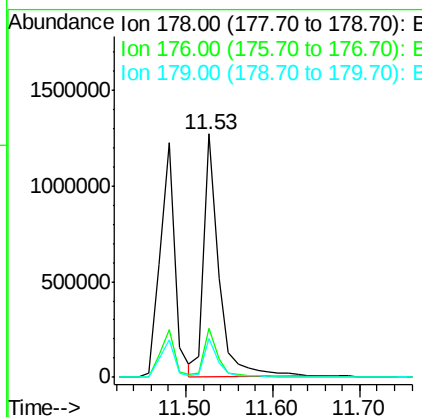
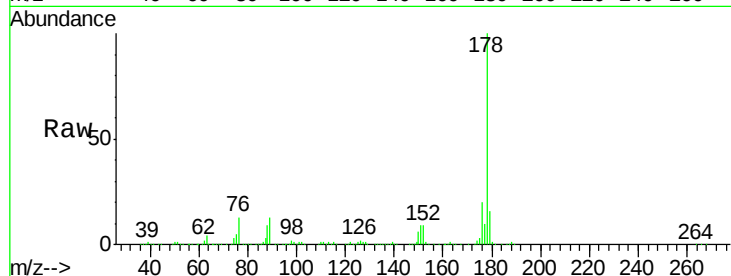




#71
 Anthracene
 Concen: 43.57 ng
 RT: 11.53 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

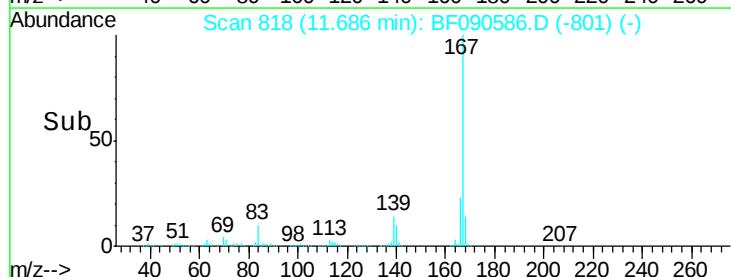
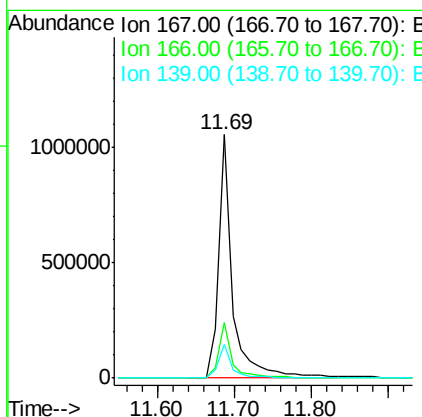
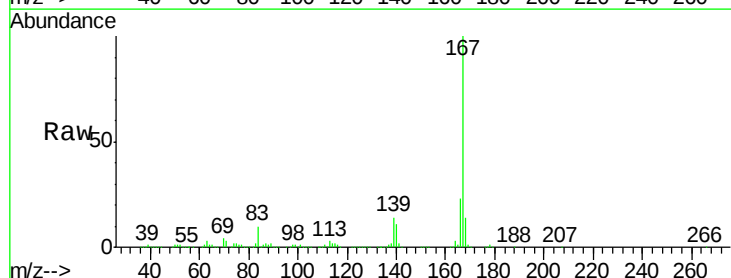
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

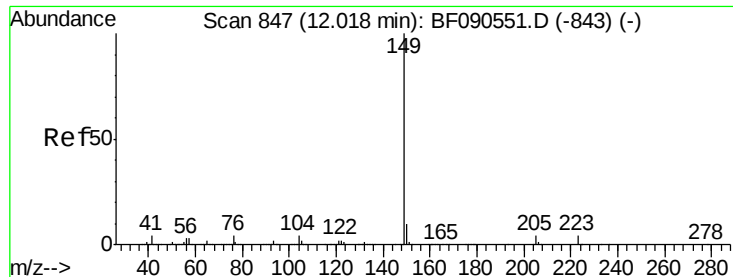
Tgt Ion:178 Resp: 1532349
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.5 23.3
 179 16.1 13.0 19.4



#72
 Carbazole
 Concen: 42.21 ng
 RT: 11.69 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:167 Resp: 1328818
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 14.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 48.67 ng

RT: 12.02 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

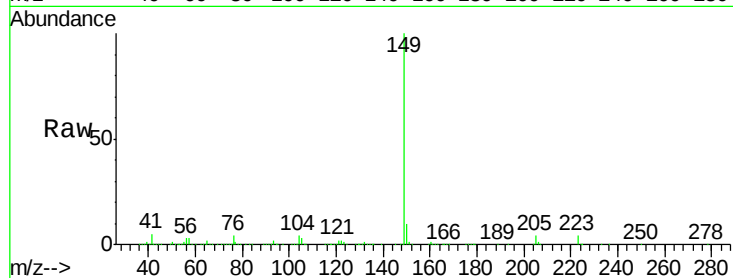
Tgt Ion:149 Resp: 1795228

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

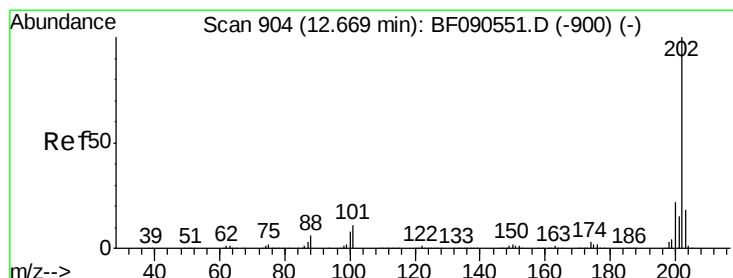
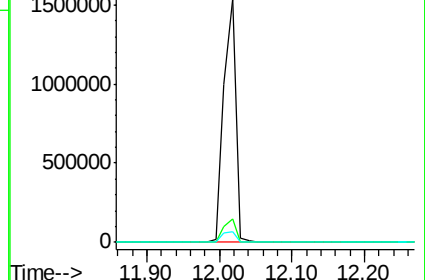
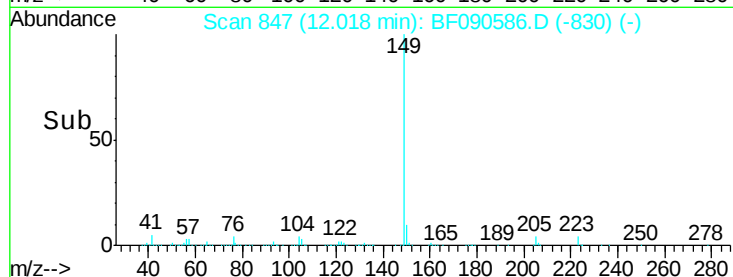
104 4.3 3.3 4.9



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: 36.90 ng

RT: 12.67 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

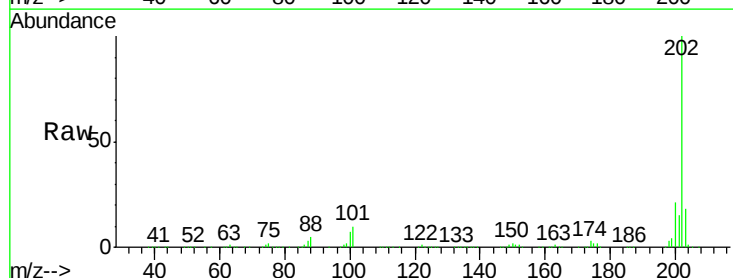
Tgt Ion:202 Resp: 1212958

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.1

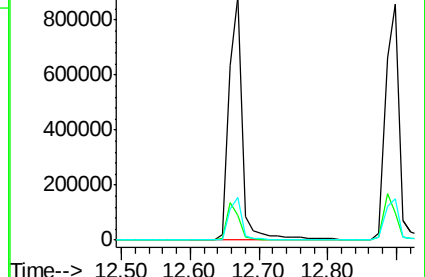
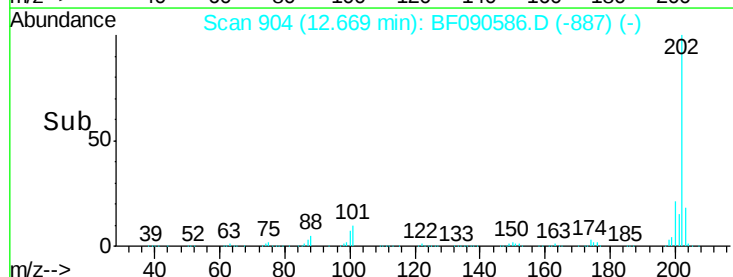
203 17.5 0.0 38.0

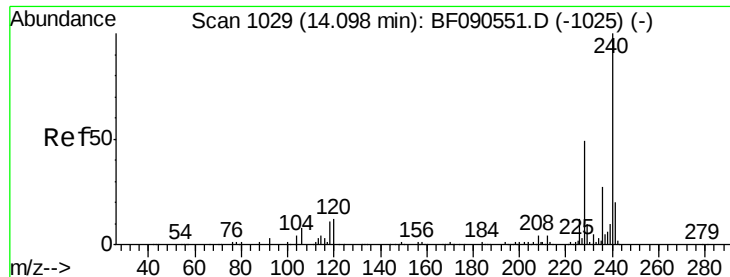


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

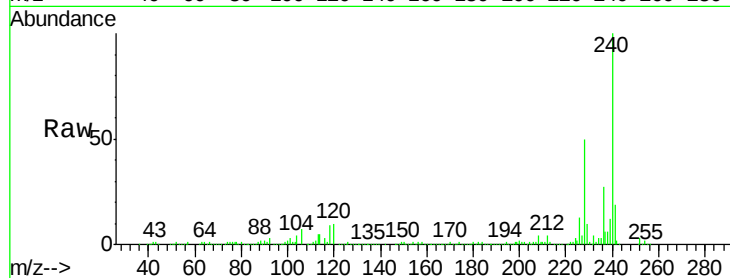
Tgt Ion:240 Resp: 390611

Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

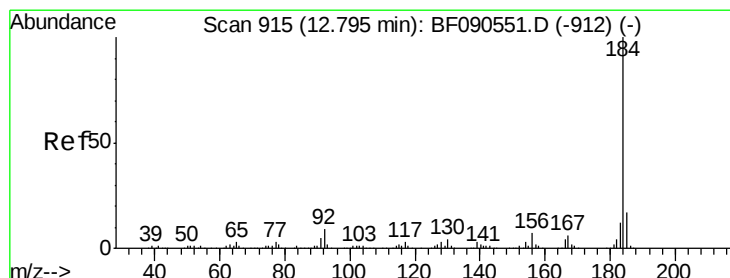
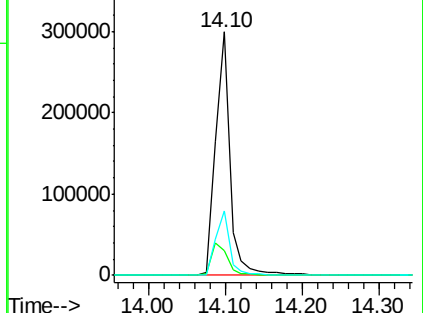
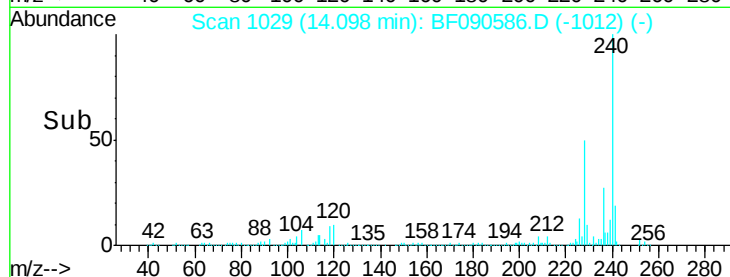
236 26.7 21.7 32.5



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: 22.78 ng

RT: 12.79 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

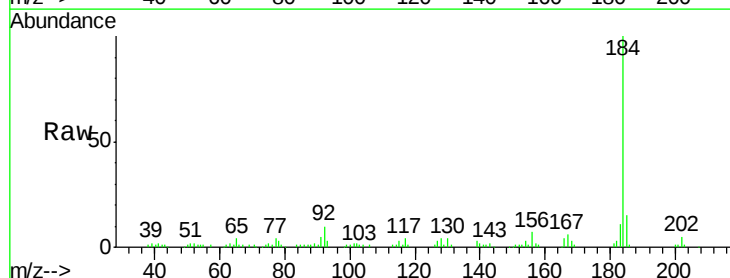
Tgt Ion:184 Resp: 221382

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

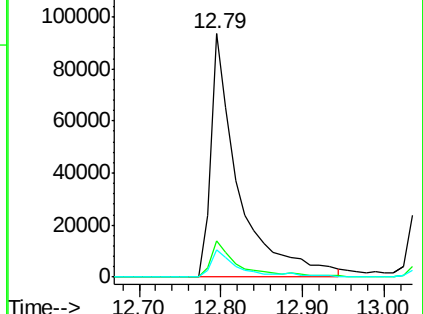
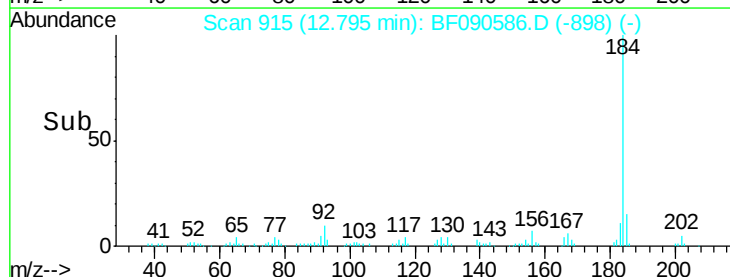
183 11.0 9.4 14.0

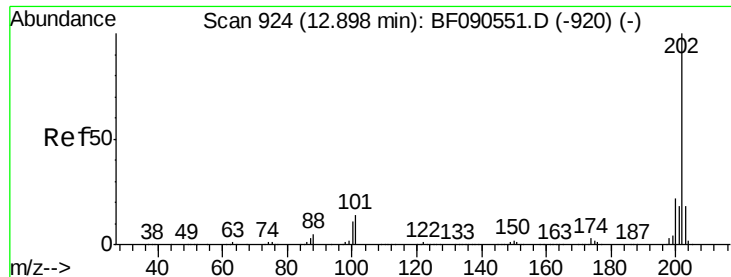


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



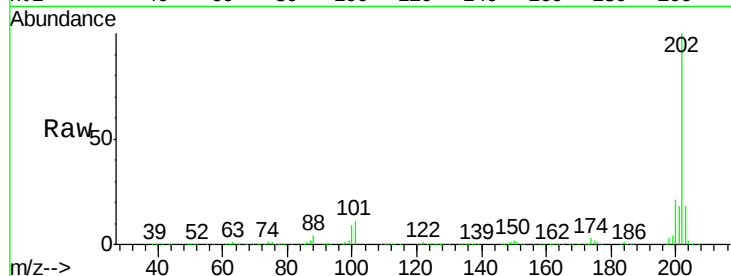


#77
 Pyrene
 Concen: 45.19 ng
 RT: 12.90 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

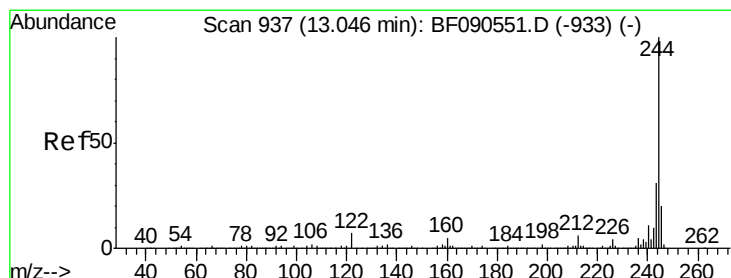
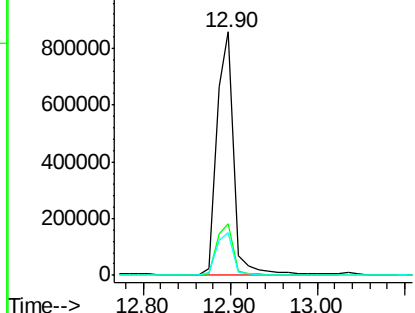
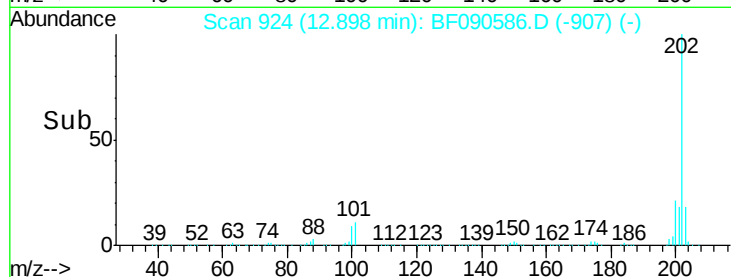
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Tgt Ion: 202 Resp: 1169037

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.6	14.6	21.8



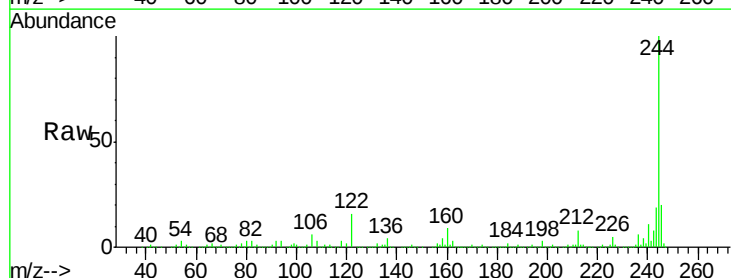
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



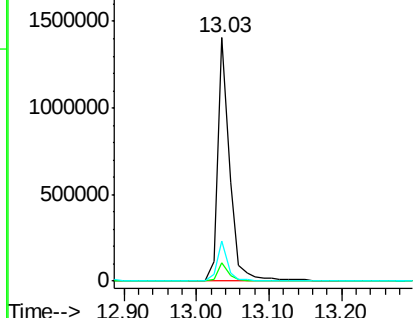
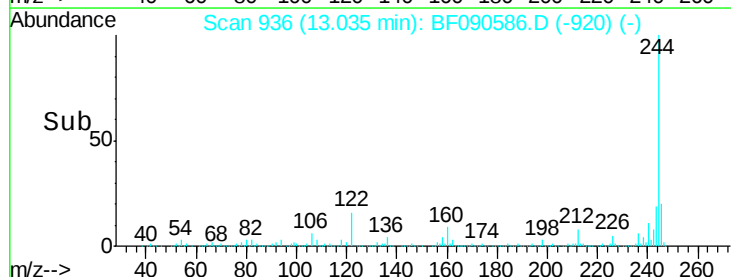
#78
 Terphenyl-d14
 Concen: 95.22 ng
 RT: 13.03 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

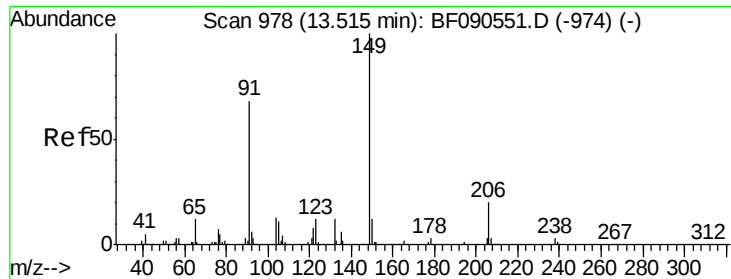
Tgt Ion: 244 Resp: 1597368

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.0	7.4#
122	16.4	5.6	8.4#



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

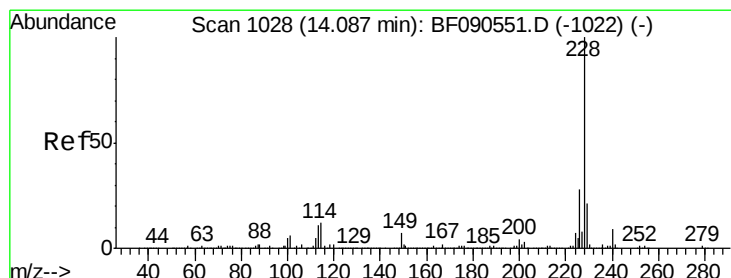
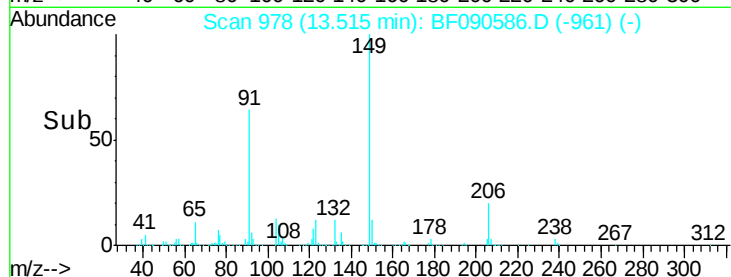
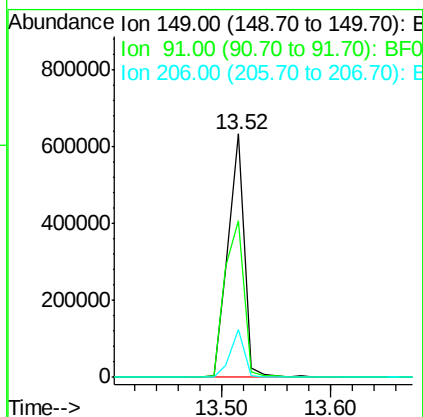
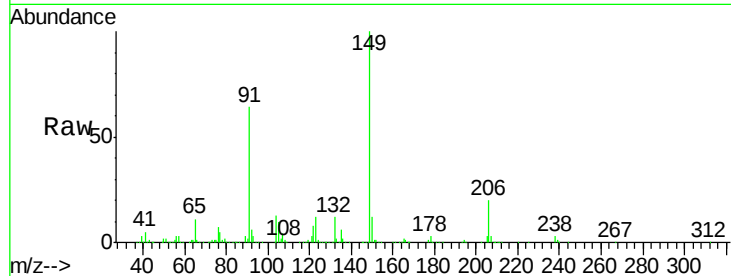




#79
Butylbenzylphthalate
Concen: 57.47 ng
RT: 13.52 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

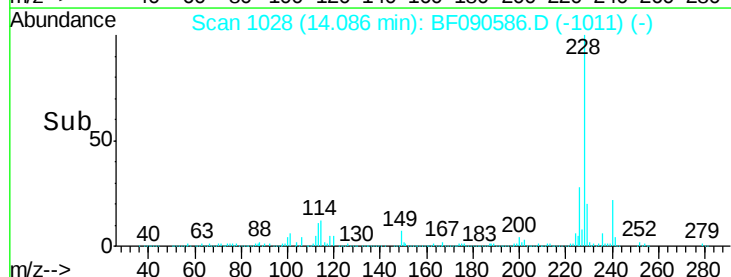
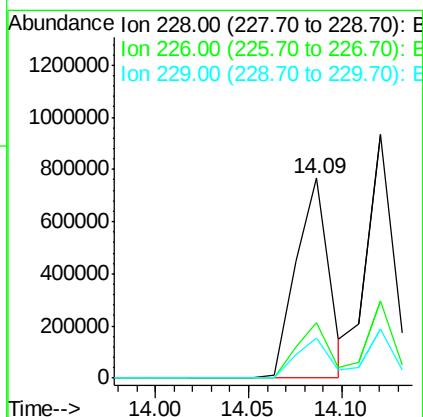
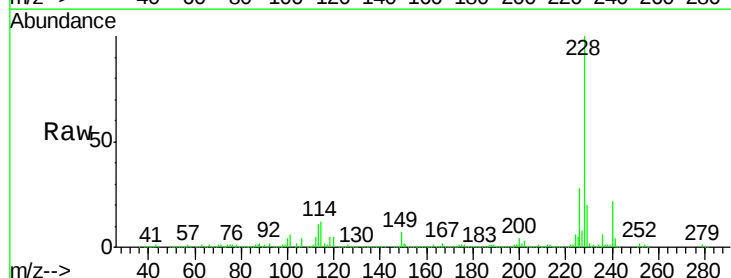
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	54.3	81.5
206	19.7	15.8	23.6



#80
Benzo(a)anthracene
Concen: 42.32 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090586.D
Acq: 15 Oct 2016 4:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.1	16.6	25.0

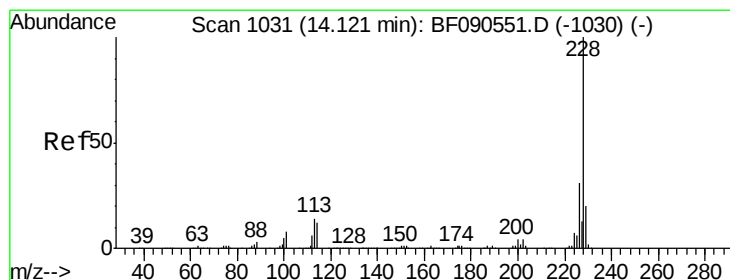
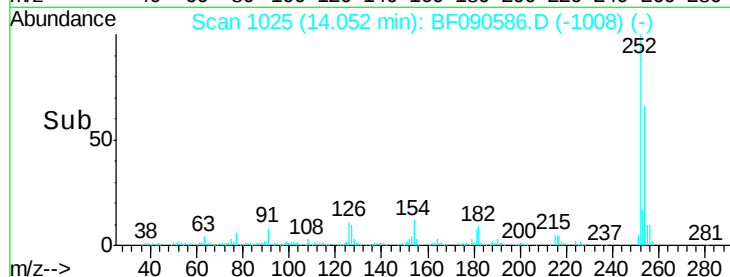
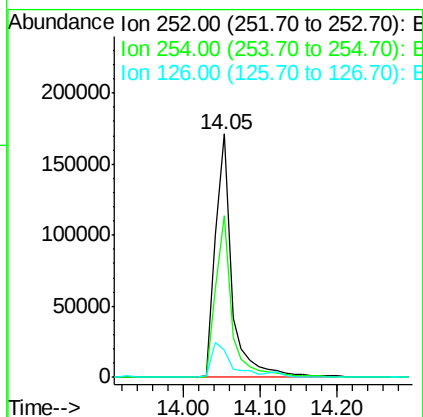
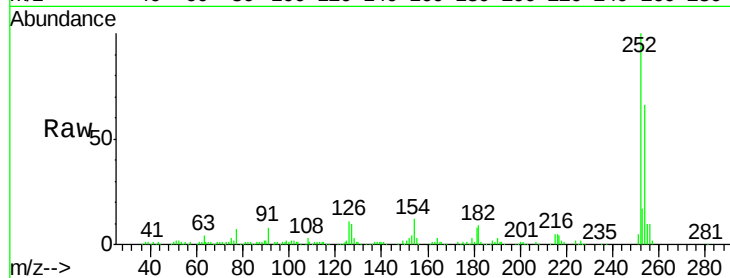




#81
 3,3'-Dichlorobenzidine
 Concen: 34.00 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

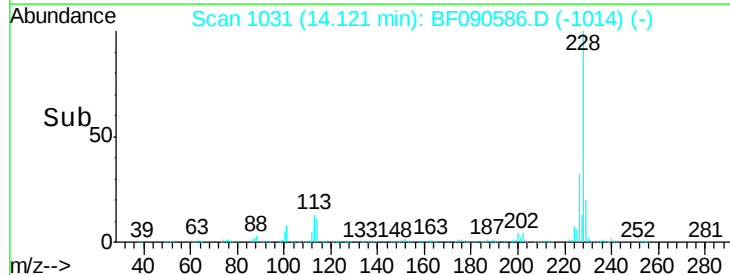
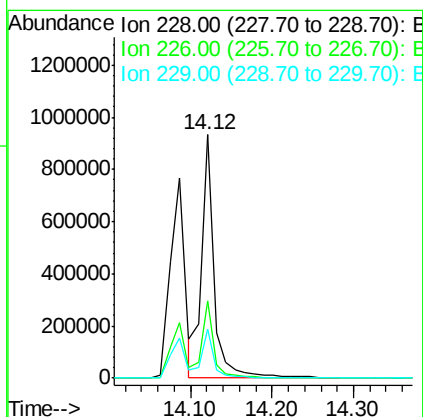
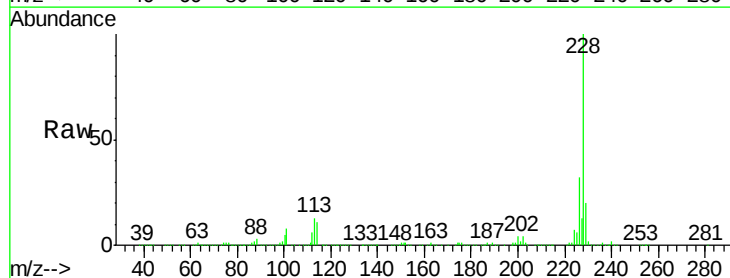
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

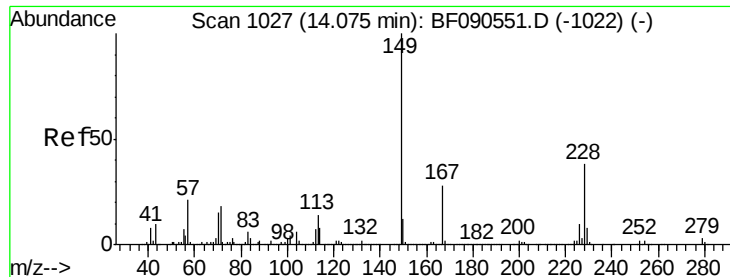
Tgt Ion: 252 Resp: 258275
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.1 78.1
 126 11.1 9.3 13.9



#82
 Chrysene
 Concen: 47.22 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion: 228 Resp: 1011715
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.8 37.2
 229 20.4 16.2 24.4

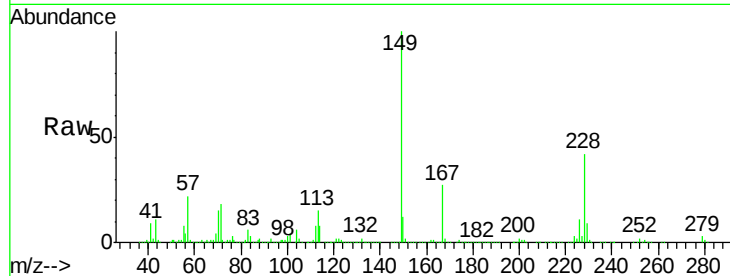




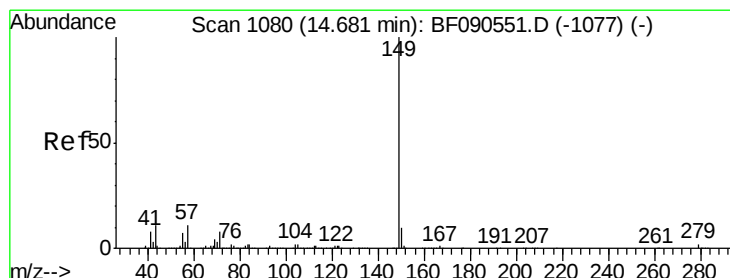
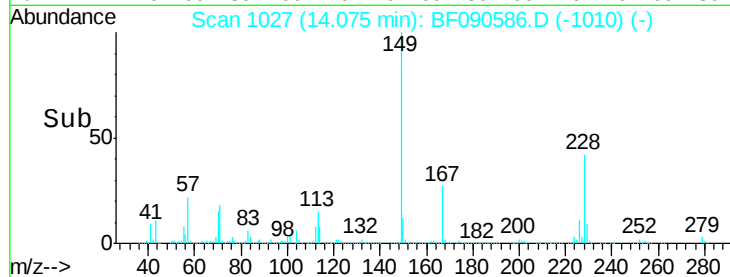
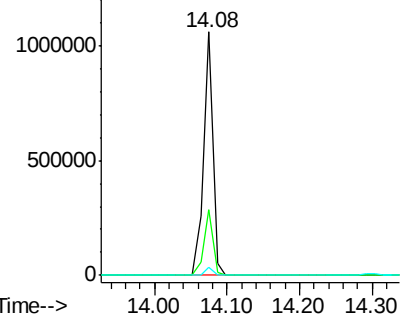
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.73 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Tgt Ion:149 Resp: 954571
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.1 33.1
 279 3.3 2.6 4.0

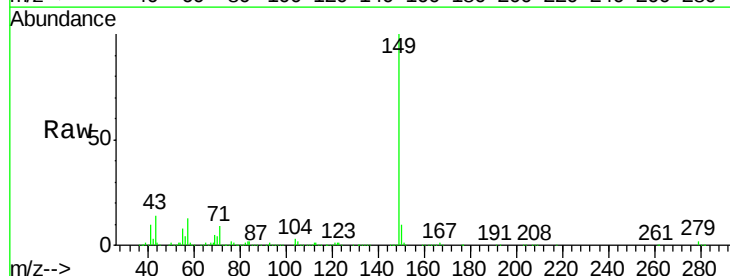


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

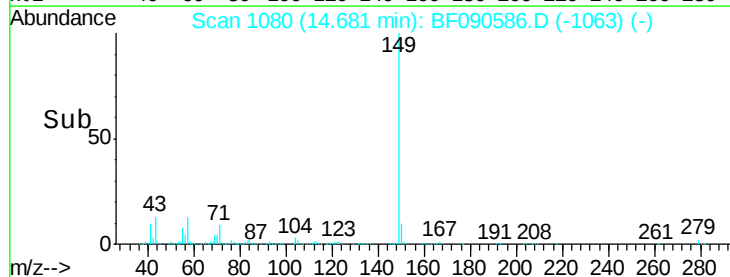
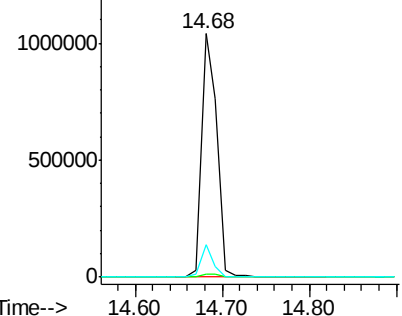


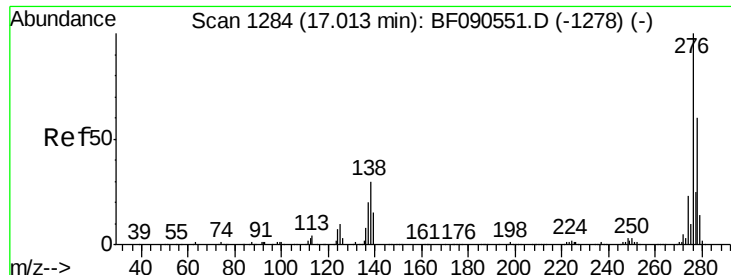
#84
 Di-n-octyl phthalate
 Concen: 62.59 ng
 RT: 14.68 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion:149 Resp: 1297679
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.7 6.7 10.1#



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

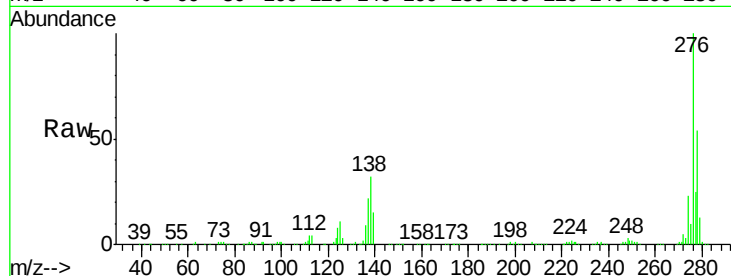




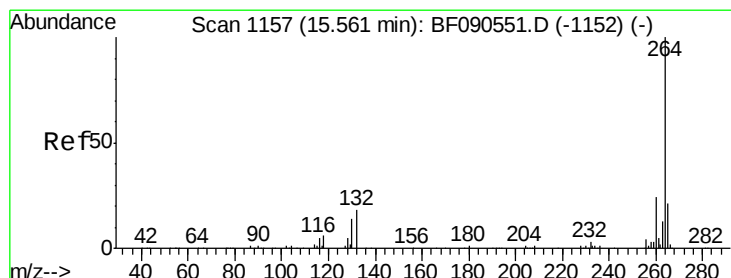
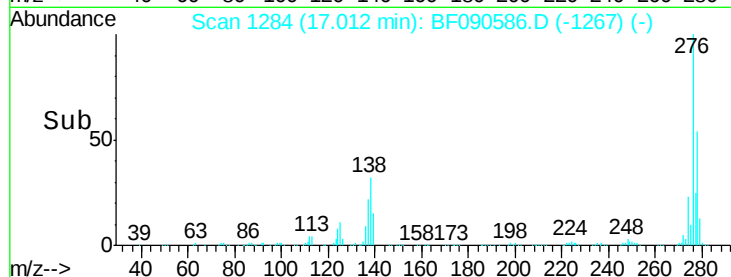
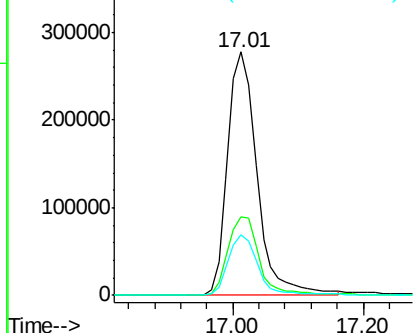
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.36 ng
 RT: 17.01 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.8	38.6
277	25.0	20.1	30.1

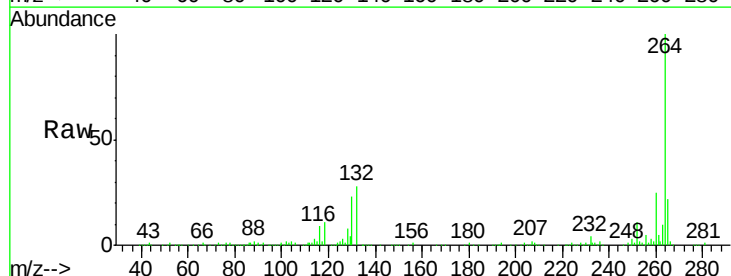


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

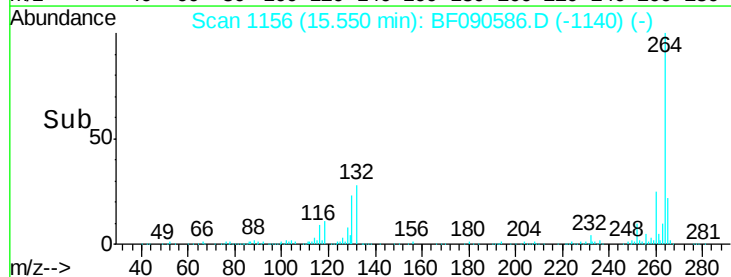
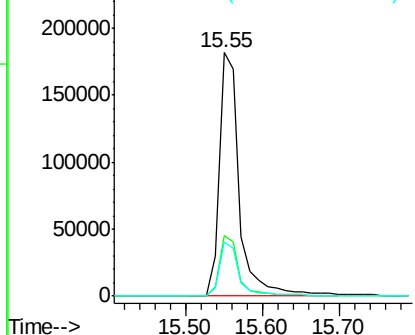


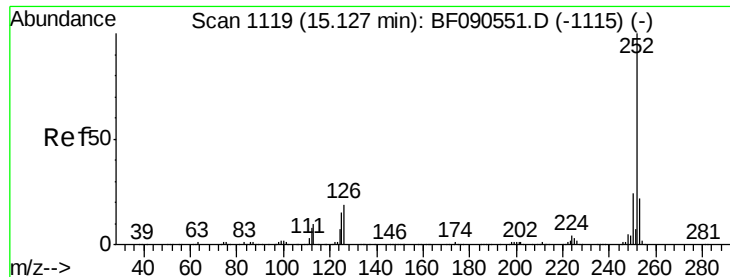
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090586.D
 Acq: 15 Oct 2016 4:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.3	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.20 ng

RT: 15.13 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

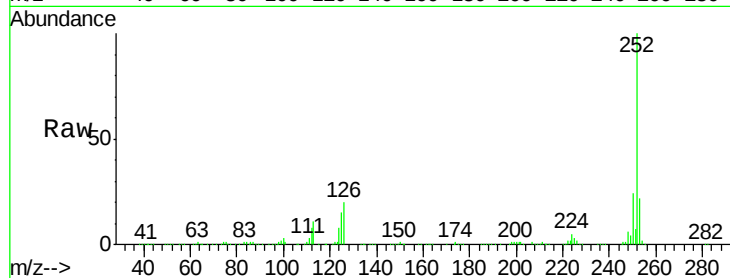
Tgt Ion:252 Resp: 946518

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

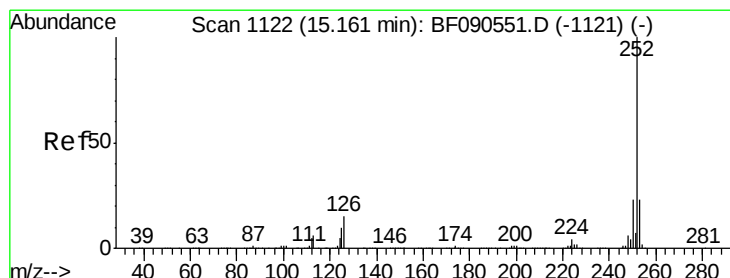
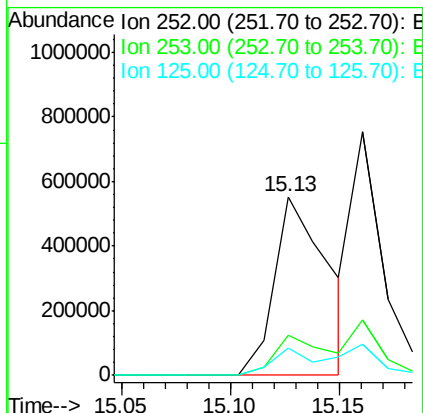
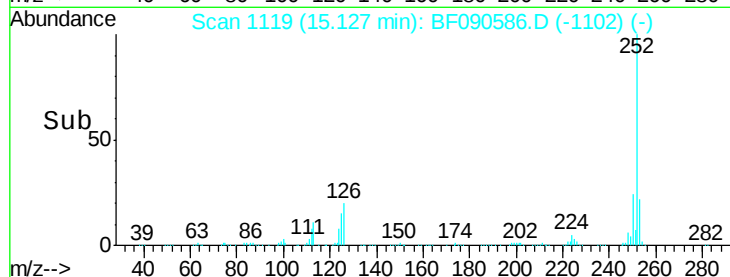
125 15.3 12.0 18.0



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



#88

Benzo(k)fluoranthene

Concen: 40.15 ng

RT: 15.13 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

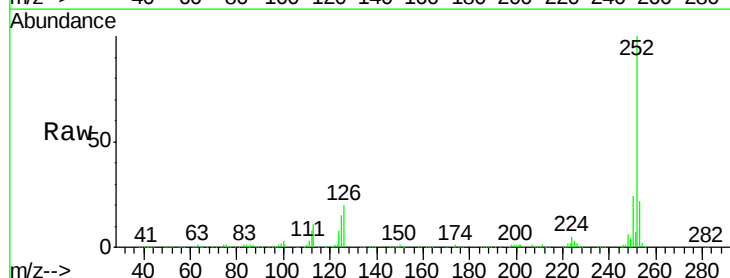
Tgt Ion:252 Resp: 946518

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

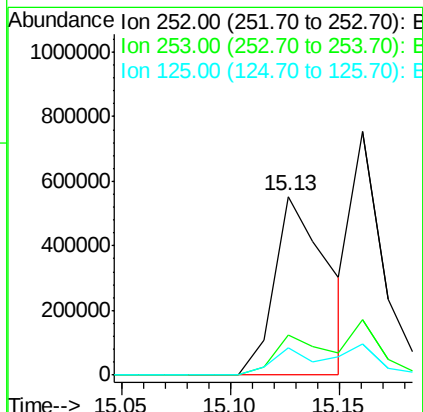
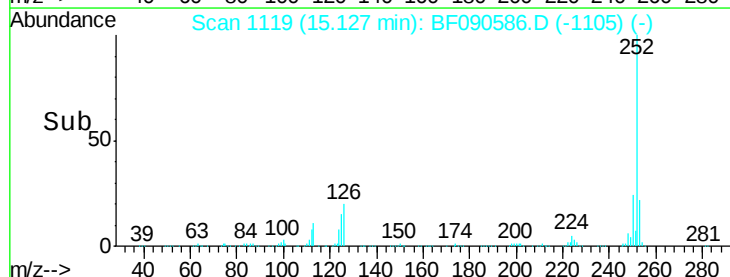
125 15.3 10.0 15.0#

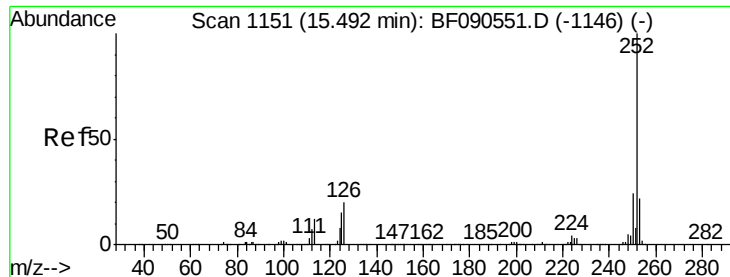


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.61 ng

RT: 15.49 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

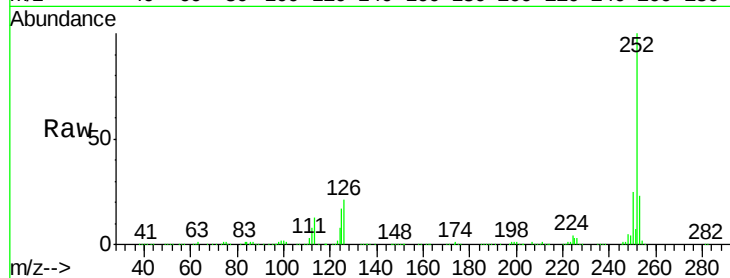
Tgt Ion: 252 Resp: 834732

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

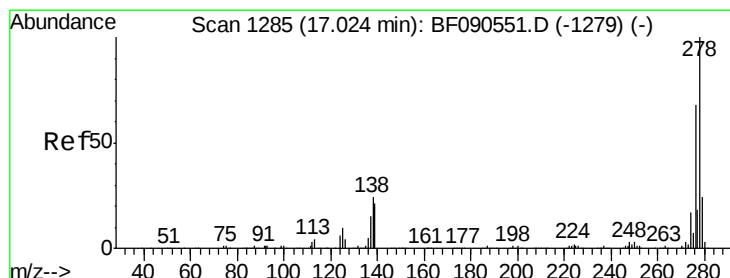
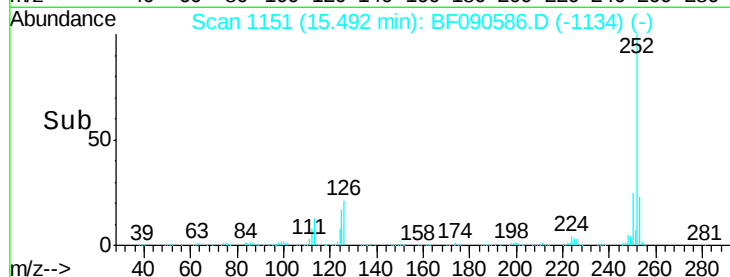
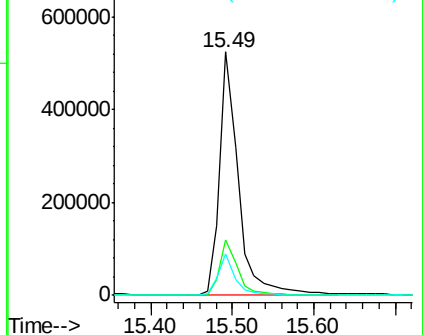
125 16.8 12.3 18.5



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: 49.59 ng

RT: 17.02 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

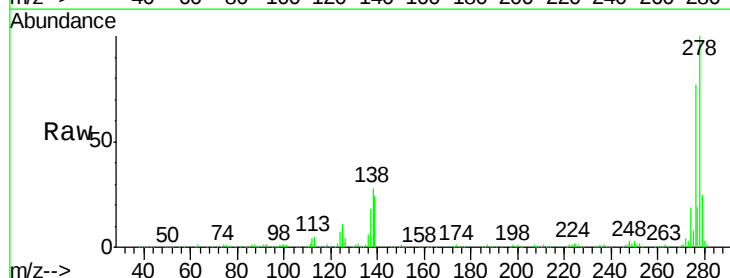
Tgt Ion: 278 Resp: 758579

Ion Ratio Lower Upper

278 100

139 23.8 16.6 25.0

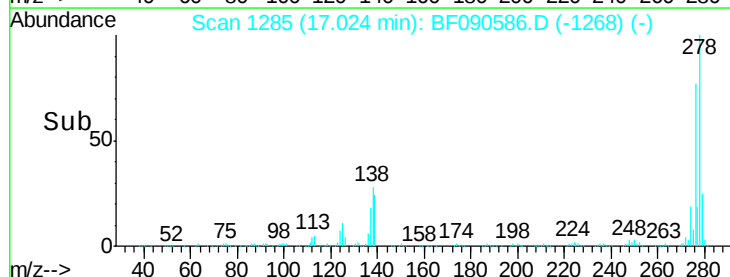
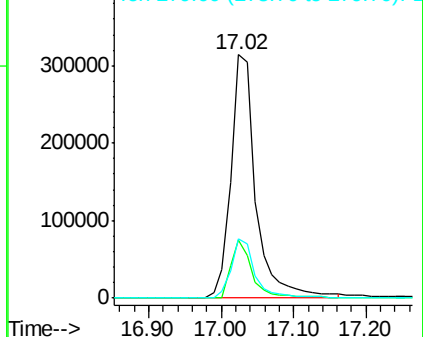
279 24.5 19.1 28.7

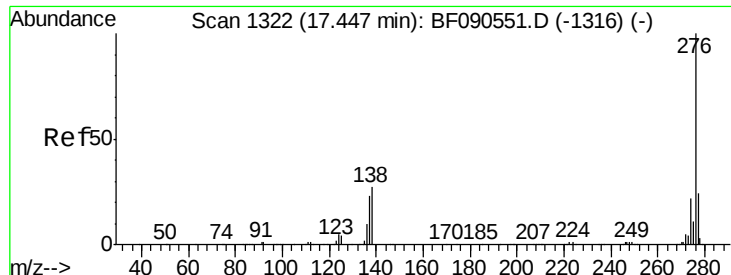


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.40 ng

RT: 17.45 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF090586.D

Acq: 15 Oct 2016 4:53

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMSD

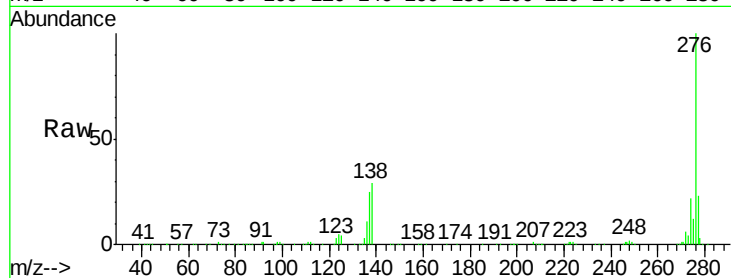
Tgt Ion: 276 Resp: 647588

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 29.1 21.8 32.8



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

