

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090585.D
 Acq On : 15 Oct 2016 4:26
 Operator : UM/SJ
 Sample : H5263-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 15 04:52:18 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	201318	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	842408	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	393507	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	585916	20.00	ng	0.00
75) Chrysene-d12	14.10	240	366384	20.00	ng	0.00
86) Perylene-d12	15.55	264	310609	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1712846	155.98	ng	0.01
7) Phenol-d6	6.57	99	2396696	146.88	ng	0.01
23) Nitrobenzene-d5	7.49	82	1497535	98.75	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	529295	150.87	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2271809	95.12	ng	0.00
78) Terphenyl-d14	13.04	244	1734615	110.24	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	255396	40.81	ng	95
3) Pyridine	3.38	79	402623	28.70	ng	94
4) n-Nitrosodimethylamine	3.33	42	219723	44.39	ng	86
6) Aniline	6.59	93	552796	28.03	ng	99
8) 2-Chlorophenol	6.70	128	675875	47.46	ng	98
9) Benzaldehyde	6.46	77	165592	15.96	ng	96
10) Phenol	6.58	94	974552	52.22	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	759147	49.30	ng	97
12) 1,3-Dichlorobenzene	6.86	146	680500	47.92	ng	95
13) 1,4-Dichlorobenzene	6.93	146	692855	44.86	ng	93
14) 1,2-Dichlorobenzene	7.09	146	718018	49.73	ng	97
15) Benzyl Alcohol	7.07	79	566950	51.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.19	45	995477	45.94	ng	98
17) 2-Methylphenol	7.18	107	565945	51.00	ng	96
18) Hexachloroethane	7.43	117	284023	46.54	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	554550	49.57	ng	# 84
20) 3+4-Methylphenols	7.33	107	652086	48.47	ng	91
22) Acetophenone	7.33	105	913369	49.08	ng	# 92
24) Nitrobenzene	7.50	77	709560	45.59	ng	97
25) Isophorone	7.74	82	1460951	52.93	ng	98
26) 2-Nitrophenol	7.82	139	365958	51.83	ng	95
27) 2,4-Dimethylphenol	7.87	122	615382	52.52	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	901908	55.34	ng	99
29) 2,4-Dichlorophenol	8.06	162	491259	47.87	ng	88
30) 1,2,4-Trichlorobenzene	8.15	180	574333	47.78	ng	99
31) Naphthalene	8.23	128	2025257	47.19	ng	100
32) Benzoic acid	7.97	122	160508	22.30	ng	95
33) 4-Chloroaniline	8.28	127	178141	10.86	ng	96
34) Hexachlorobutadiene	8.35	225	342177	50.95	ng	99
35) Caprolactam	8.69	113	46351	16.18	ng	92
36) 4-Chloro-3-methylphenol	8.77	107	600153	50.68	ng	# 84
37) 2-Methylnaphthalene	8.92	142	1200322	47.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	575451	55.15	ng	99
40) Hexachlorocyclopentadiene	9.08	237	432159	84.79	ng	98

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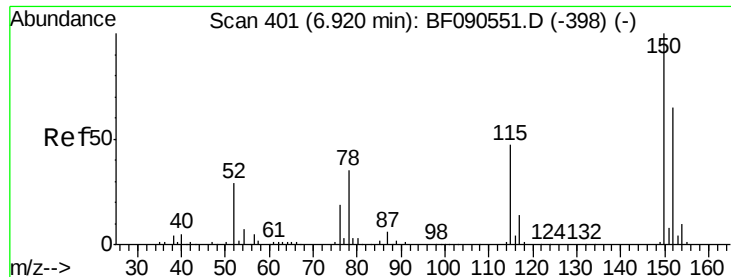
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.21	196	339217	57.64	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	351811	50.11	ng	# 84
45) 1,1'-Biphenyl	9.39	154	1552203	51.83	ng	98
46) 2-Chloronaphthalene	9.41	162	1151742	51.59	ng	99
47) 2-Nitroaniline	9.51	65	406532	50.22	ng	94
48) Acenaphthylene	9.82	152	1688524	47.49	ng	100
49) Dimethylphthalate	9.69	163	1482606	58.07	ng	99
50) 2,6-Dinitrotoluene	9.75	165	298953	53.51	ng	96
51) Acenaphthene	9.99	154	1109646	46.96	ng	100
52) 3-Nitroaniline	9.93	138	200555	28.61	ng	99
53) 2,4-Dinitrophenol	10.03	184	150317	51.72	ng	# 74
54) Dibenzofuran	10.18	168	1525775	49.08	ng	98
55) 4-Nitrophenol	10.09	139	398086	94.36	ng	95
56) 2,4-Dinitrotoluene	10.15	165	390009	51.40	ng	91
57) Fluorene	10.52	166	1259017	49.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	305563	52.26	ng	97
59) Diethylphthalate	10.39	149	1383279	53.42	ng	# 94
60) 4-Chlorophenyl-phenylether	10.51	204	629499	52.08	ng	98
61) 4-Nitroaniline	10.54	138	281126	39.99	ng	97
62) Azobenzene	10.67	77	1641877	54.82	ng	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	130098	36.69	ng	98
65) n-Nitrosodiphenylamine	10.63	169	1032778	53.36	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	341719	54.35	ng	99
67) Hexachlorobenzene	11.07	284	340121	49.83	ng	# 61
68) Atrazine	11.16	200	295897	55.28	ng	90
69) Pentachlorophenol	11.26	266	343956	101.67	ng	99
70) Phenanthrene	11.48	178	1590715	50.86	ng	99
71) Anthracene	11.53	178	1685677	50.08	ng	99
72) Carbazole	11.69	167	1470249	48.79	ng	100
73) Di-n-butylphthalate	12.02	149	1947374	55.16	ng	100
74) Fluoranthene	12.67	202	1299038	41.29	ng	98
76) Benzidine	12.80	184	253849	27.85	ng	97
77) Pyrene	12.90	202	1294440	53.34	ng	99
79) Butylbenzylphthalate	13.52	149	688473	64.04	ng	98
80) Benzo(a)anthracene	14.09	228	1007602	48.31	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	286379	40.19	ng	99
82) Chrysene	14.12	228	1075705	53.53	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1014882	69.97	ng	100
84) Di-n-octyl phthalate	14.68	149	1368039	70.35	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.01	276	940889	80.97	ng	98
87) Benzo(b)fluoranthene	15.16	252	1893278	93.15	ng	# 96
88) Benzo(k)fluoranthene	15.16	252	1905195	87.12	ng	99
89) Benzo(a)pyrene	15.49	252	895269	48.11	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	820266	57.80	ng	98
91) Benzo(g,h,i)perylene	17.45	276	696786	51.50	ng	97

(#) = 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

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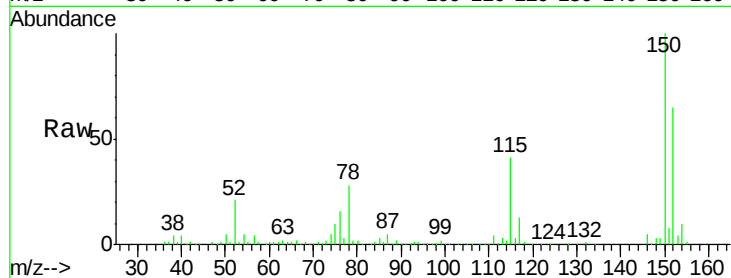
Tgt Ion:152 Resp: 201318

Ion Ratio Lower Upper

152 100

150 154.5 127.2 190.8

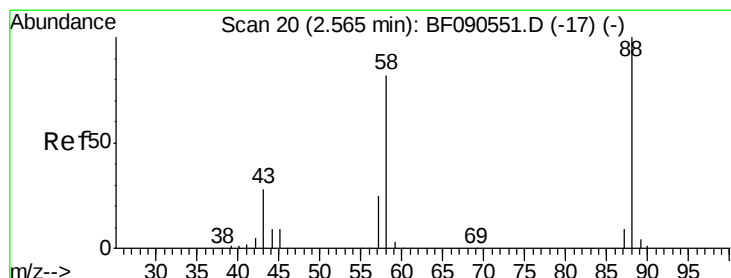
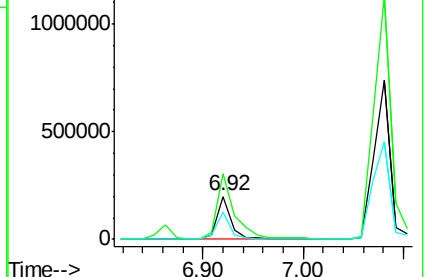
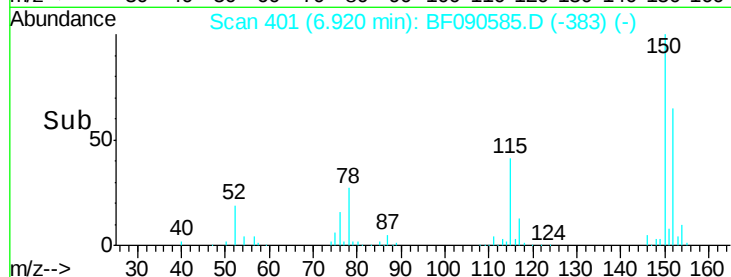
115 63.7 58.6 88.0



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: 40.81 ng

RT: 2.63 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

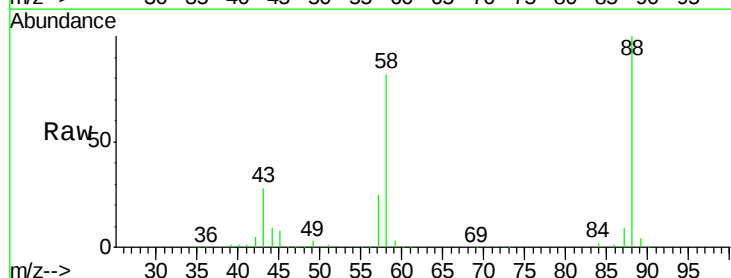
Tgt Ion: 88 Resp: 255396

Ion Ratio Lower Upper

88 100

58 80.4 67.2 100.8

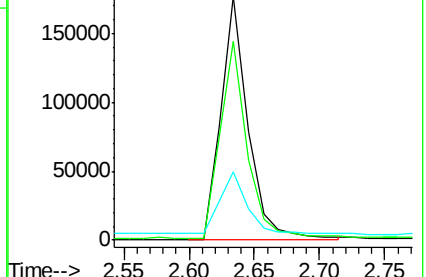
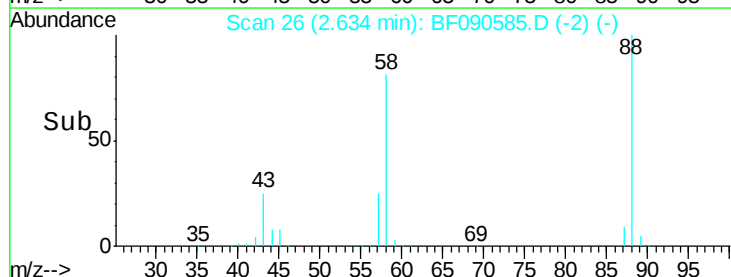
43 25.3 24.1 36.1

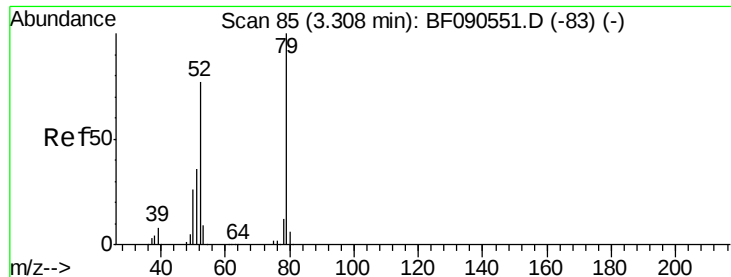


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

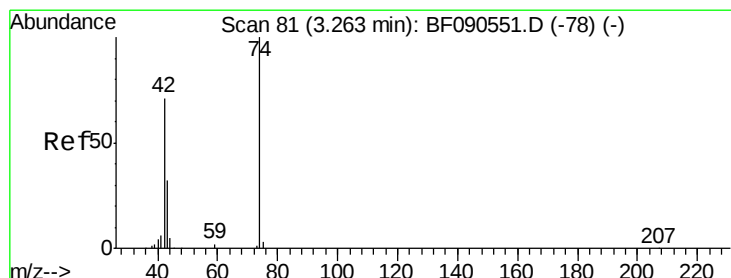
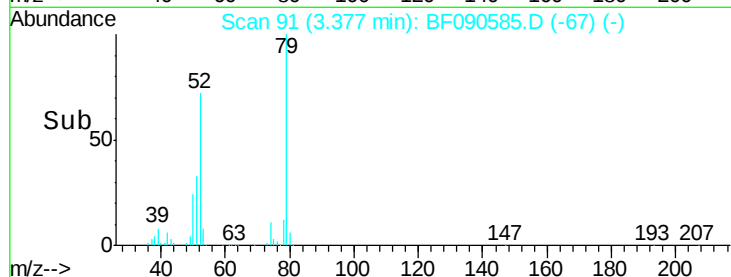
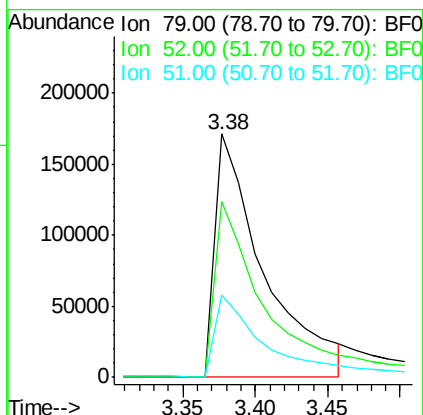
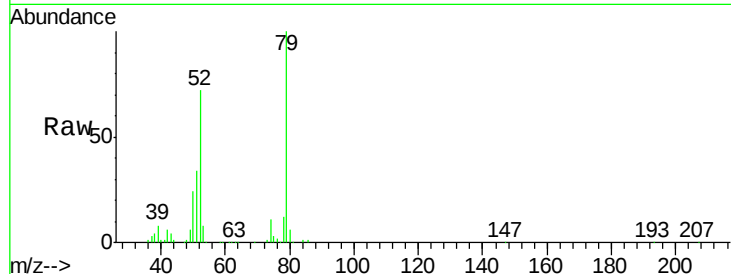




#3
 Pyridine
 Concen: 28.70 ng
 RT: 3.38 min Scan# 91
 Delta R.T. 0.07 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

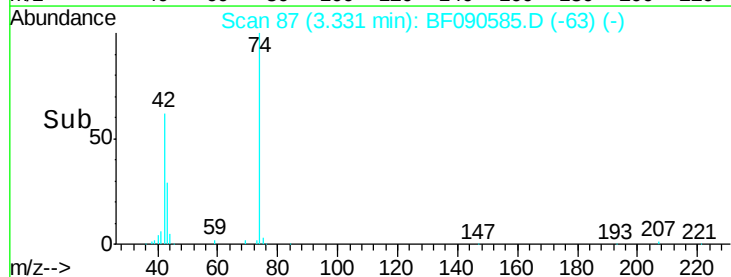
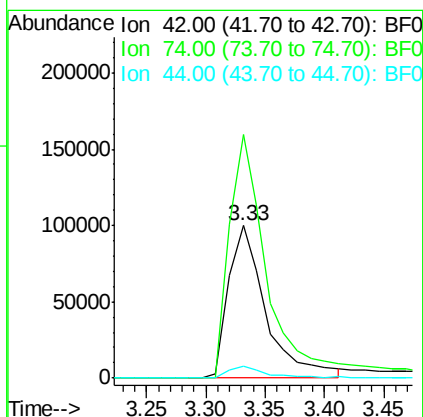
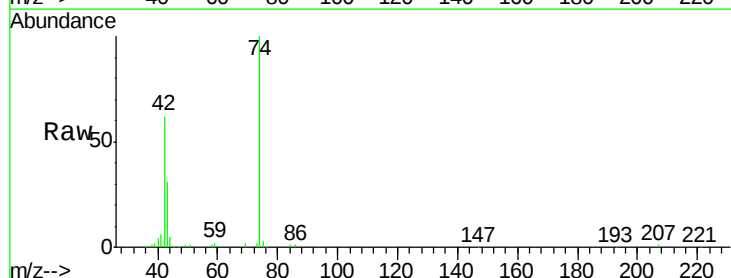
Instrument :
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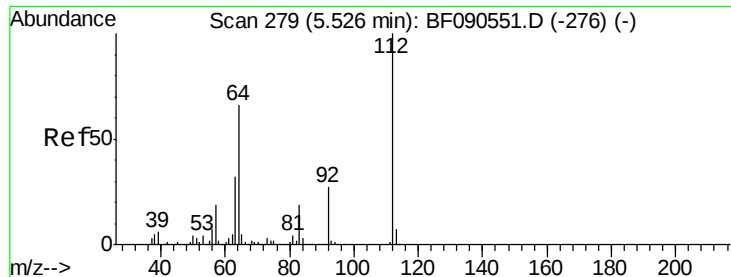
Tgt Ion: 79 Resp: 402623
 Ion Ratio Lower Upper
 79 100
 52 72.2 61.8 92.8
 51 33.7 29.2 43.8



#4
 n-Nitrosodimethylamine
 Concen: 44.39 ng
 RT: 3.33 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion: 42 Resp: 219723
 Ion Ratio Lower Upper
 42 100
 74 160.0 113.3 169.9
 44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 155.98 ng

RT: 5.54 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

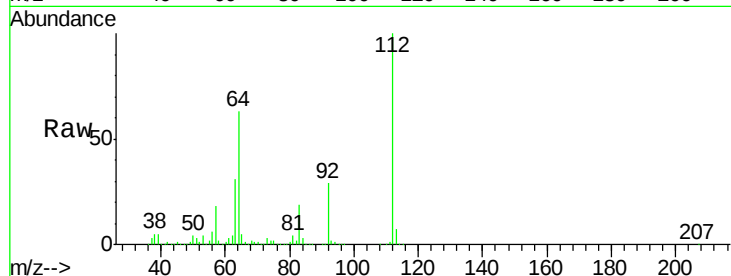
Tgt Ion:112 Resp: 1712846

Ion Ratio Lower Upper

112 100

64 63.2 52.6 78.8

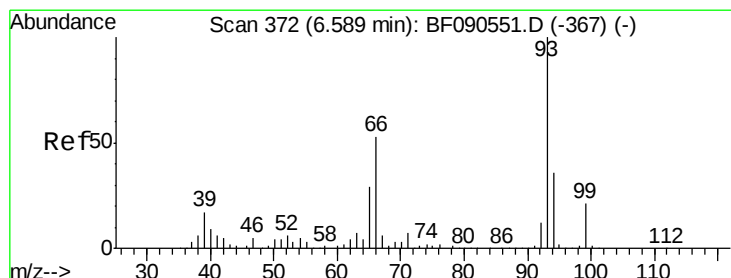
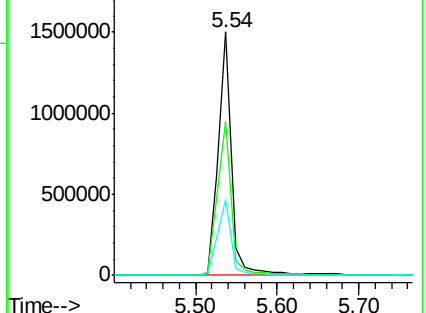
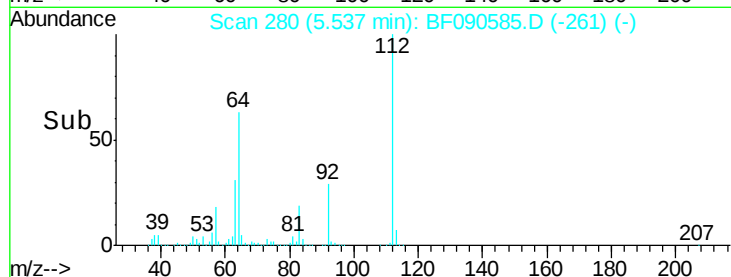
63 31.3 26.0 39.0



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: 28.03 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

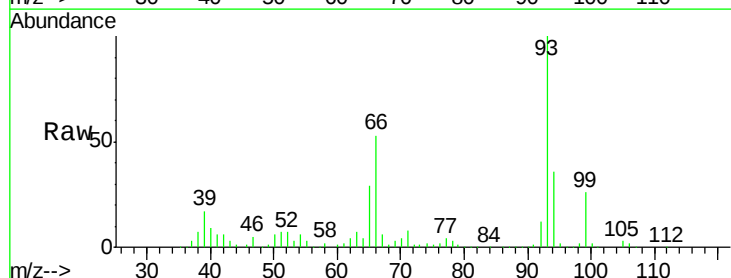
Tgt Ion: 93 Resp: 552796

Ion Ratio Lower Upper

93 100

66 53.3 42.2 63.2

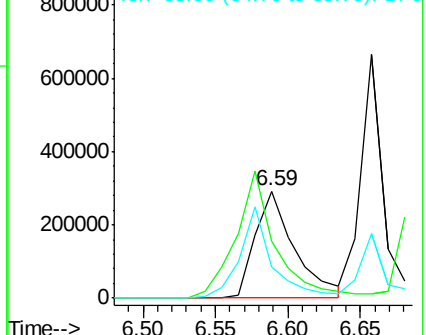
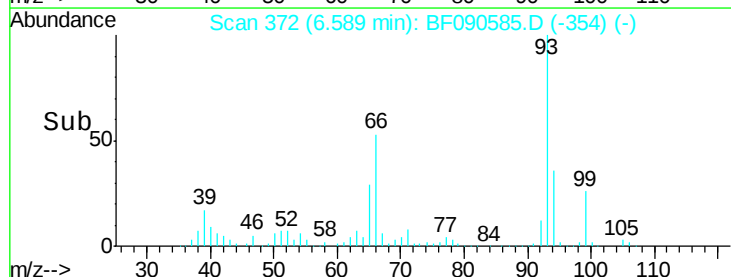
65 29.3 22.9 34.3

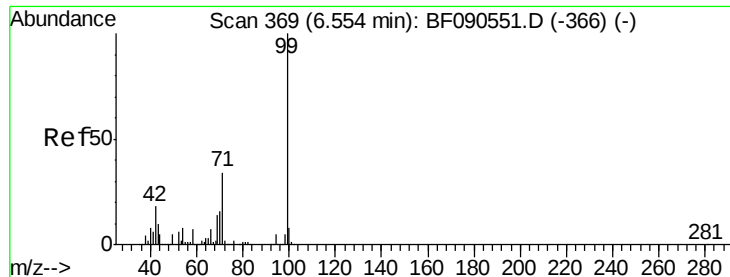


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 146.88 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF090585.D

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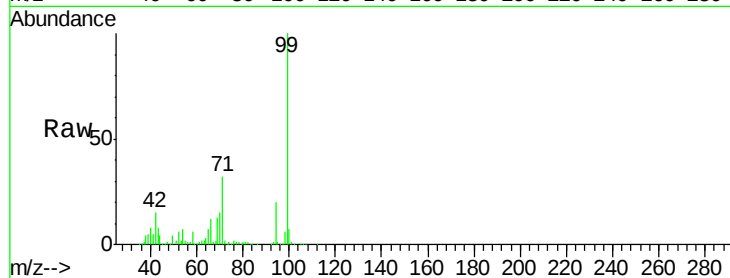
Tgt Ion: 99 Resp: 2396696

Ion Ratio Lower Upper

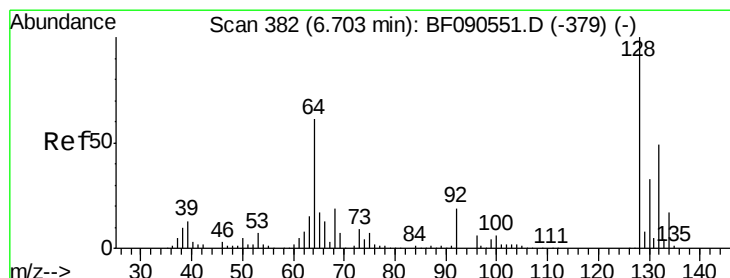
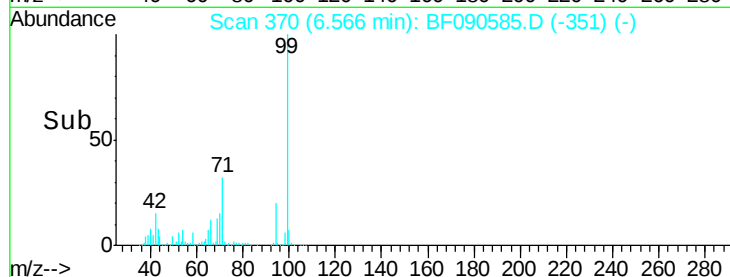
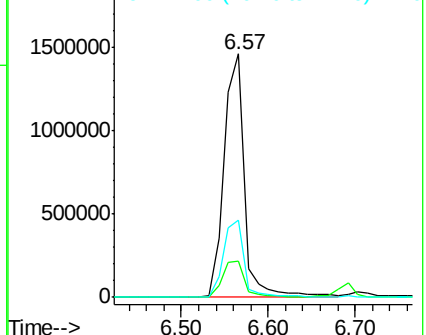
99 100

42 14.9 14.7 22.1

71 31.6 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: 47.46 ng

RT: 6.70 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

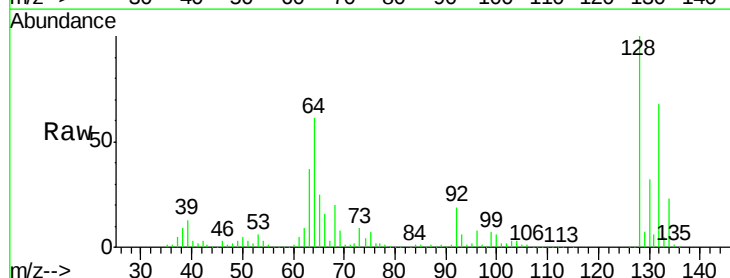
Tgt Ion: 128 Resp: 675875

Ion Ratio Lower Upper

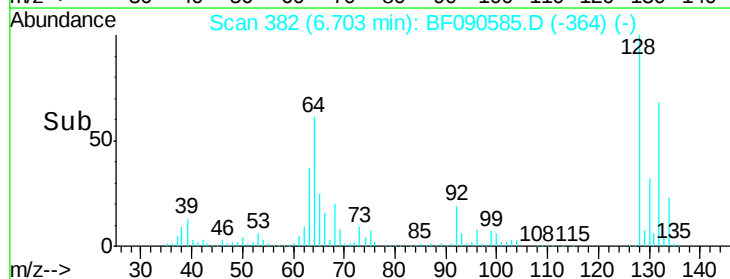
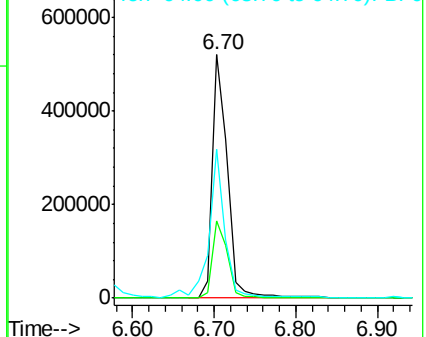
128 100

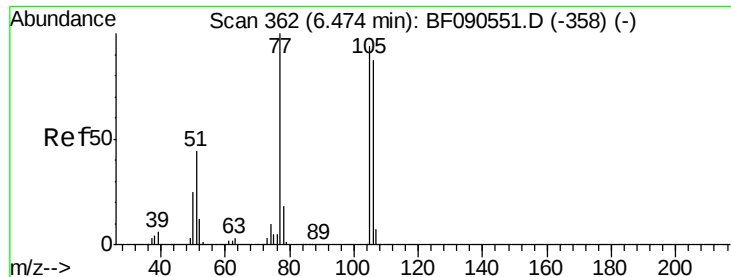
130 31.8 12.6 52.6

64 61.0 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: 15.96 ng

RT: 6.46 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF090585.D

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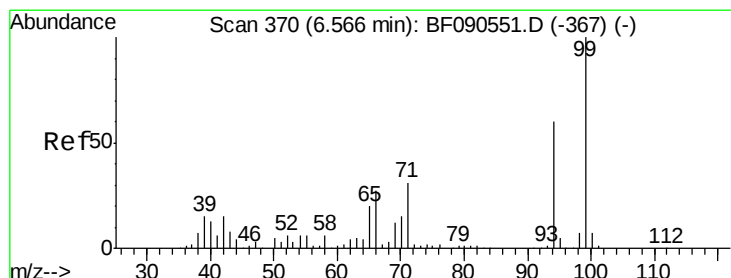
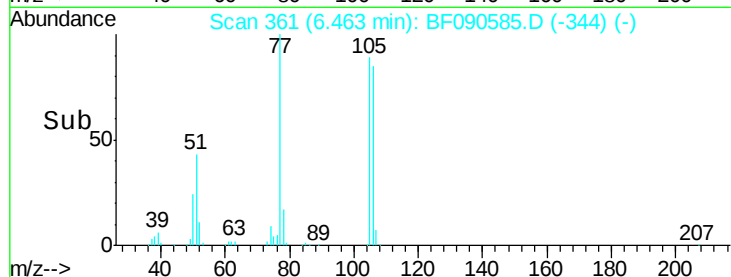
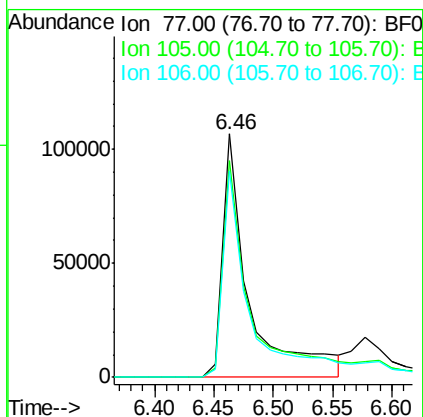
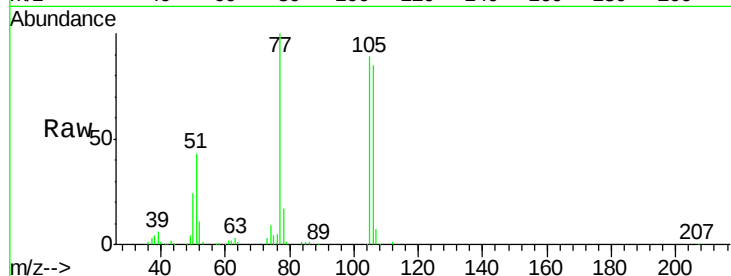
Tgt Ion: 77 Resp: 165592

Ion Ratio Lower Upper

77 100

105 88.9 74.3 114.3

106 84.7 67.2 107.2



#10

Phenol

Concen: 52.22 ng

RT: 6.58 min Scan# 371

Delta R.T. 0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

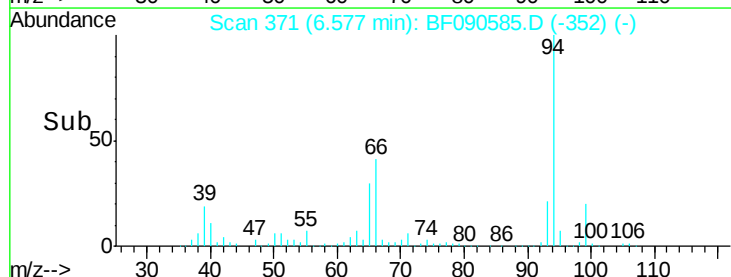
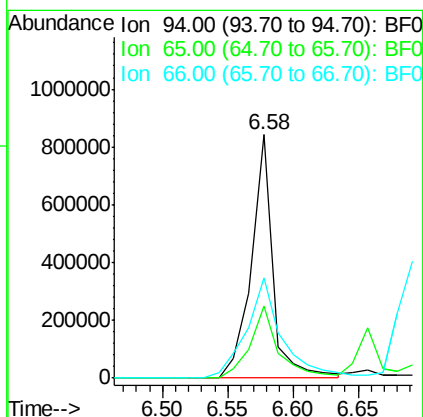
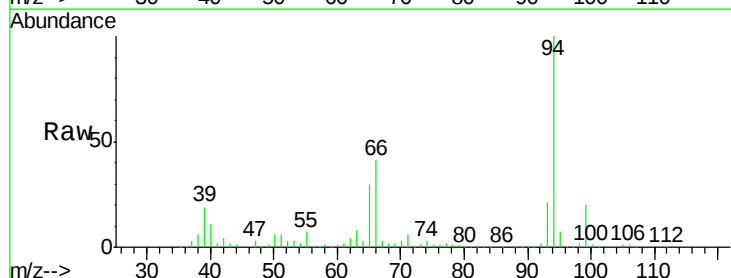
Tgt Ion: 94 Resp: 974552

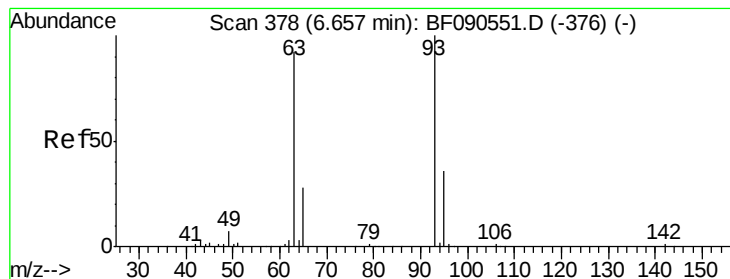
Ion Ratio Lower Upper

94 100

65 29.8 12.5 52.5

66 41.1 25.5 65.5





#11

bis(2-Chloroethyl)ether

Concen: 49.30 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

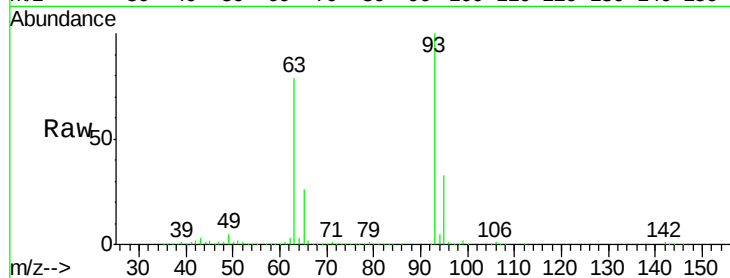
Tgt Ion: 93 Resp: 759147

Ion Ratio Lower Upper

93 100

63 78.5 61.6 101.6

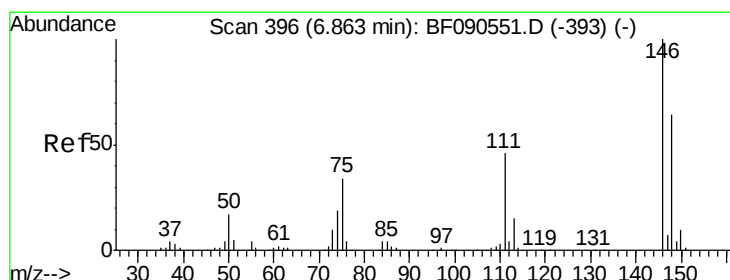
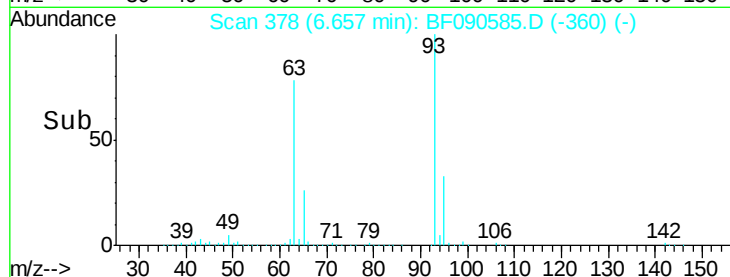
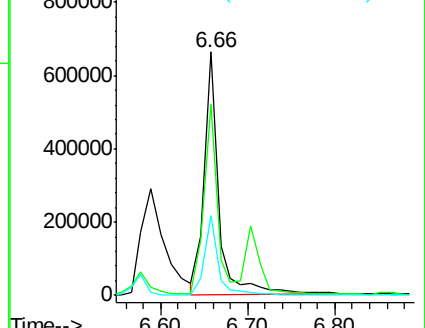
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.92 ng

RT: 6.86 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

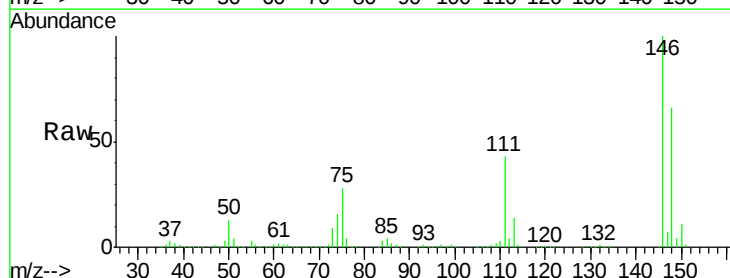
Tgt Ion: 146 Resp: 680500

Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.2

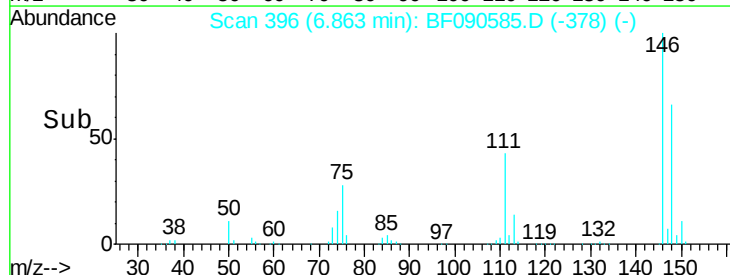
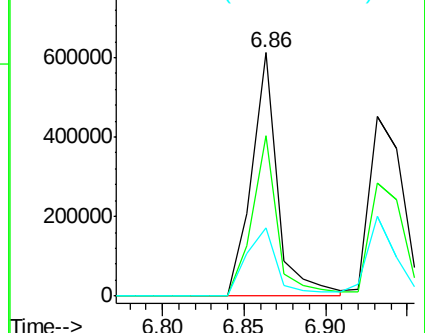
75 27.8 27.0 40.6

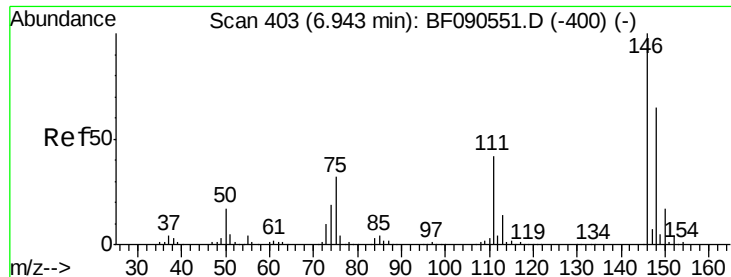


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

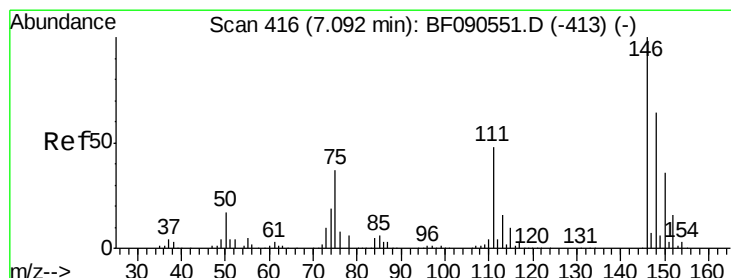
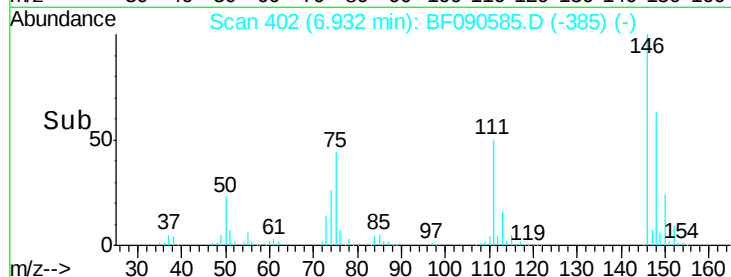
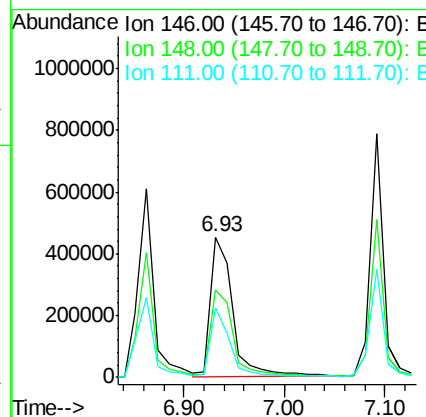
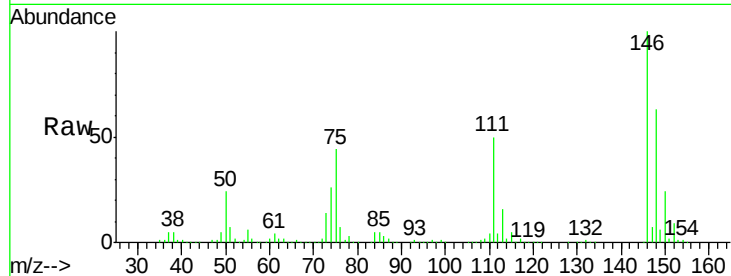




#13
 1,4-Dichlorobenzene
 Concen: 44.86 ng
 RT: 6.93 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

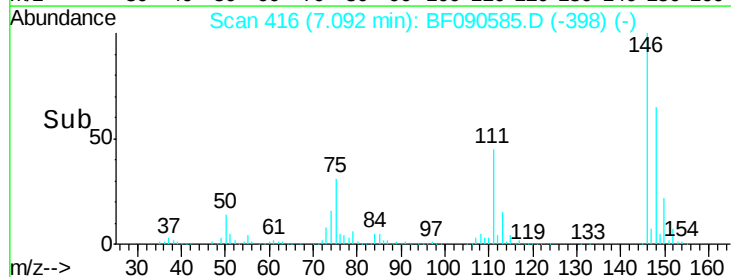
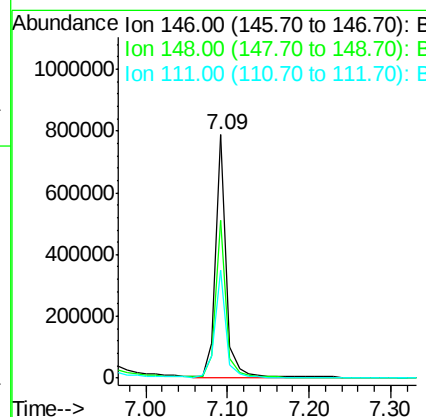
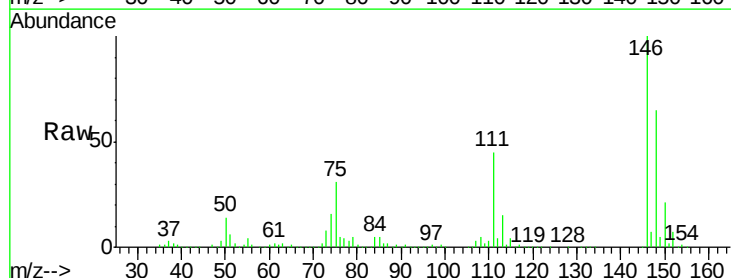
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

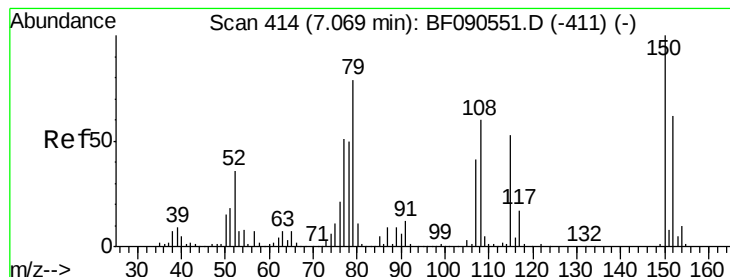
Tgt Ion:146 Resp: 692855
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.9 77.9
 111 50.1 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 49.73 ng
 RT: 7.09 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion:146 Resp: 718018
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.2 76.8
 111 44.5 38.2 57.2





#15

Benzyl Alcohol

Concen: 51.01 ng

RT: 7.07 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

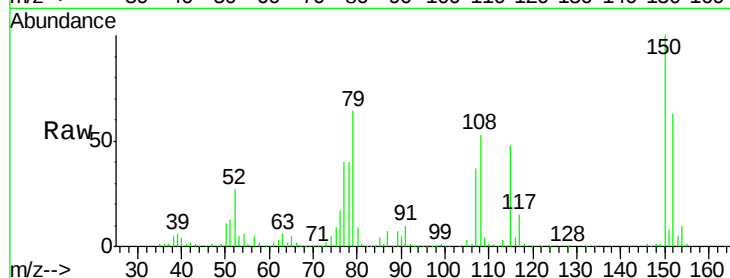
Tgt Ion: 79 Resp: 566950

Ion Ratio Lower Upper

79 100

108 82.7 60.2 90.4

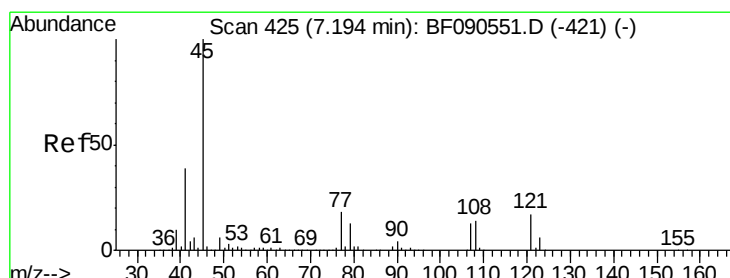
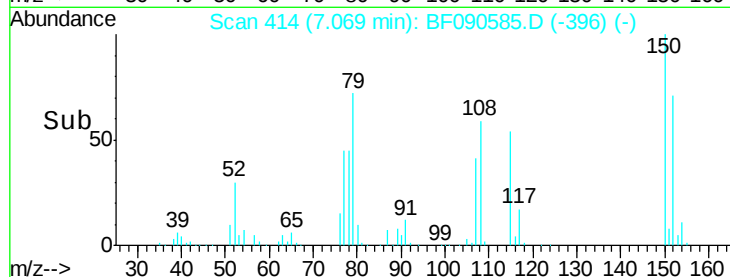
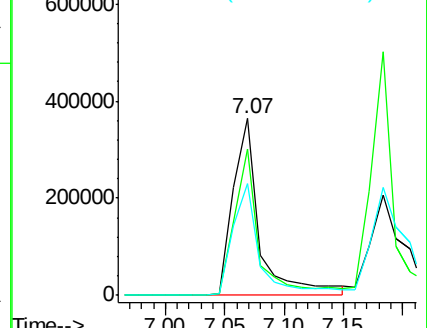
77 63.3 52.0 78.0



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: 45.94 ng

RT: 7.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

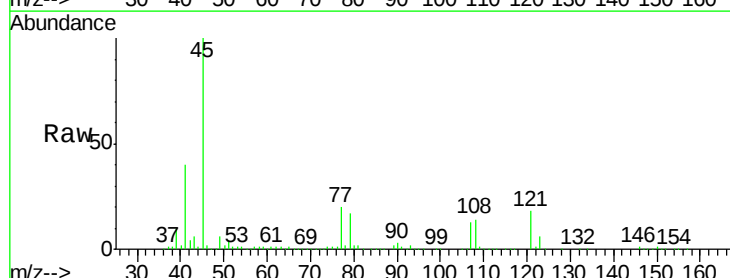
Tgt Ion: 45 Resp: 995477

Ion Ratio Lower Upper

45 100

77 19.8 0.9 40.9

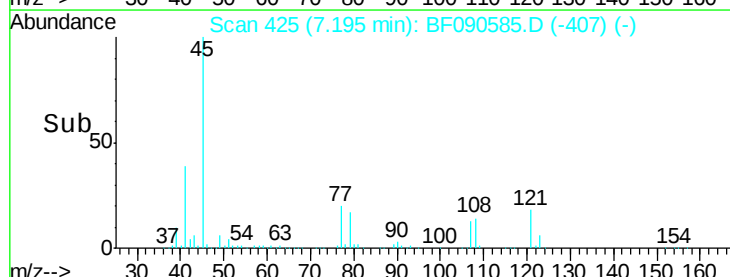
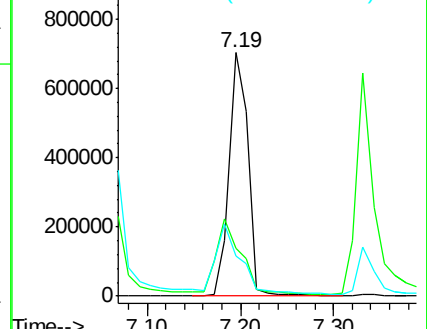
79 16.7 0.0 37.3

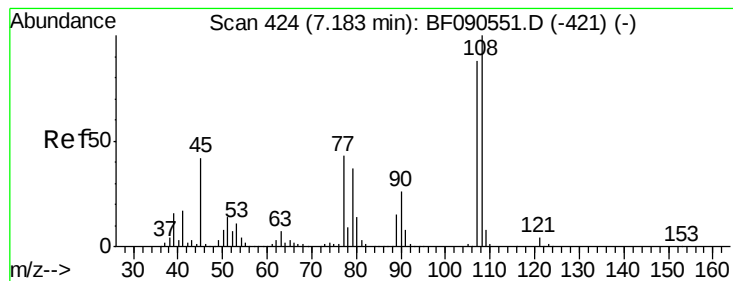


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 51.00 ng

RT: 7.18 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tgt Ion:107 Resp: 565945

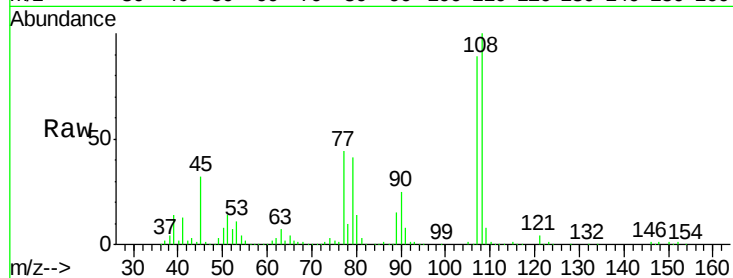
Ion Ratio Lower Upper

107 100

108 112.3 92.6 138.8

77 49.7 42.2 63.2

79 46.4 40.7 61.1

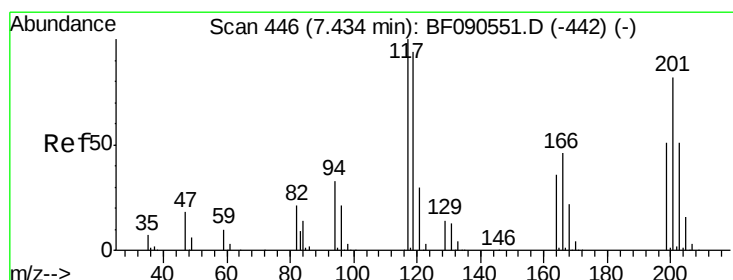
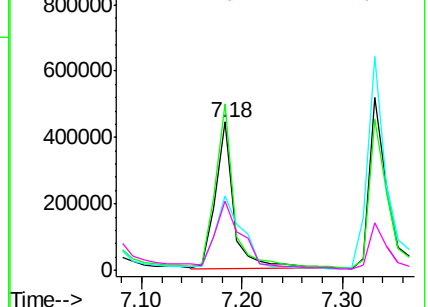
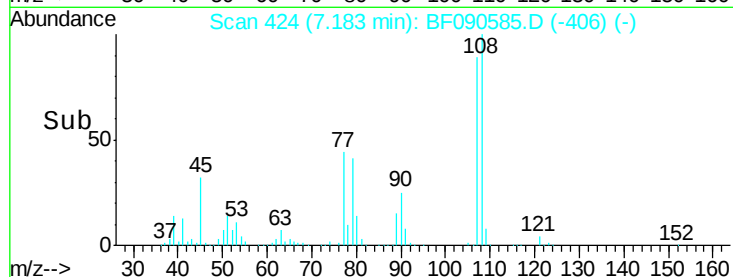


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.54 ng

RT: 7.43 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

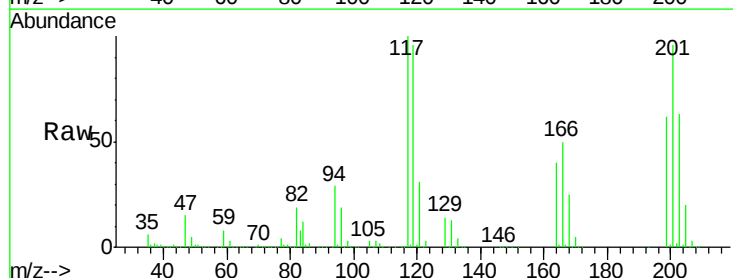
Tgt Ion:117 Resp: 284023

Ion Ratio Lower Upper

117 100

119 95.6 75.6 113.4

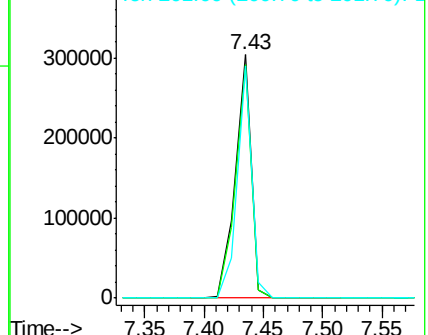
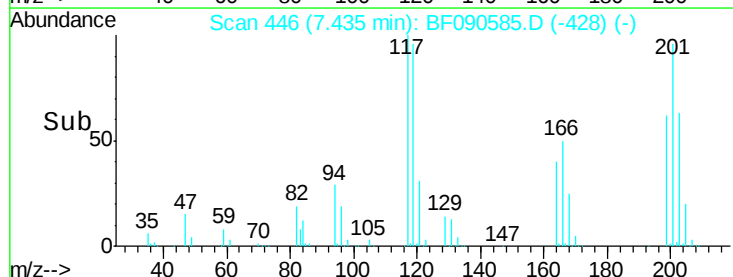
201 95.5 65.4 98.0

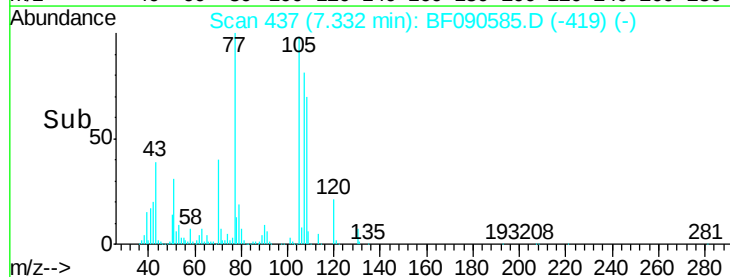
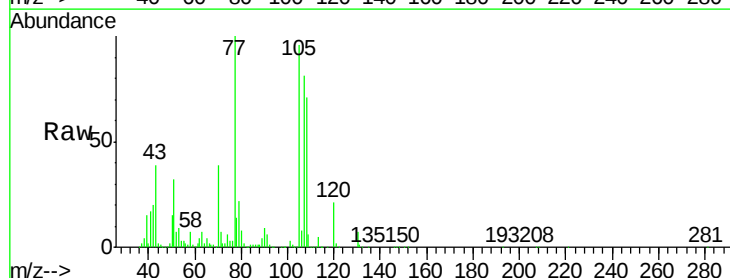
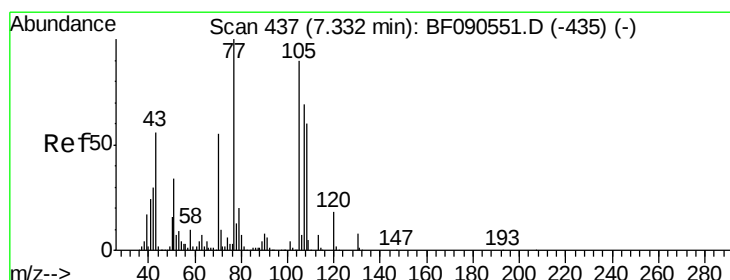
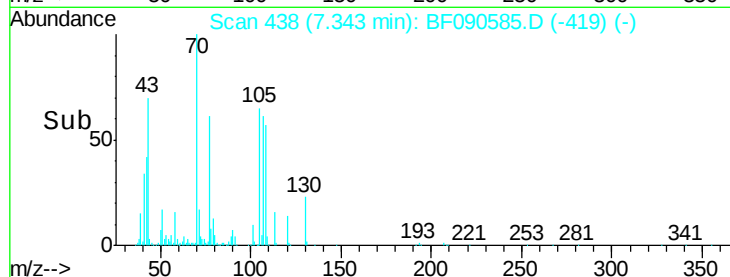
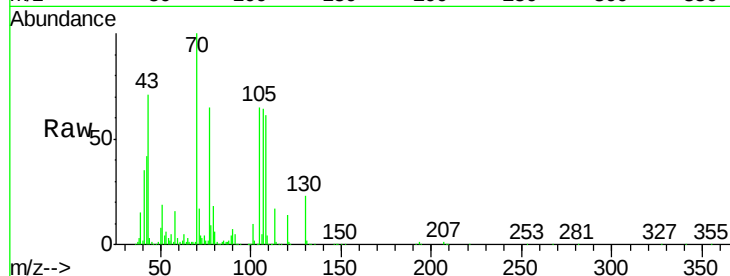
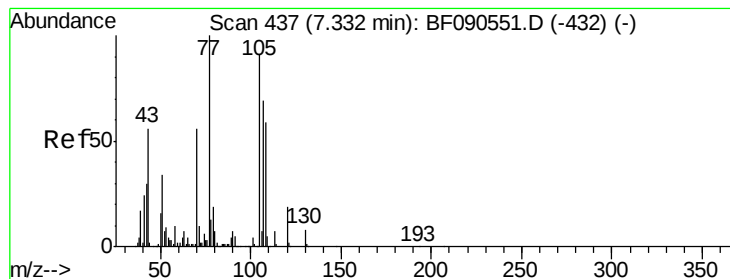


Abundance Ion 117.00 (116.70 to 117.70): E

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: 49.57 ng

RT: 7.34 min Scan# 438

Delta R.T. 0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tgt Ion: 70 Resp: 554550

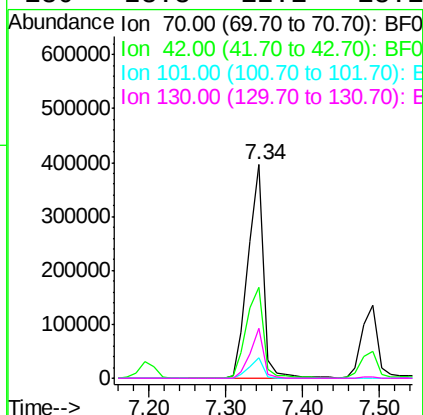
Ion Ratio Lower Upper

70 100

42 42.3 43.4 65.0#

101 9.8 6.4 9.6#

130 23.3 12.1 18.1#



#20

3+4-Methylphenols

Concen: 48.47 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Tgt Ion: 107 Resp: 652086

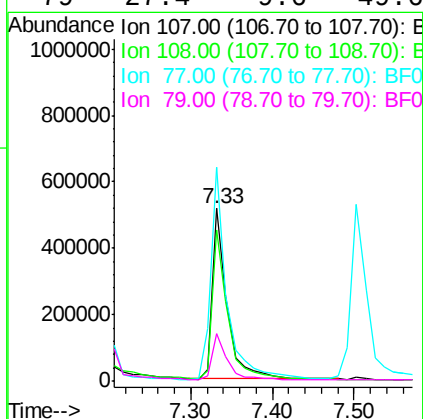
Ion Ratio Lower Upper

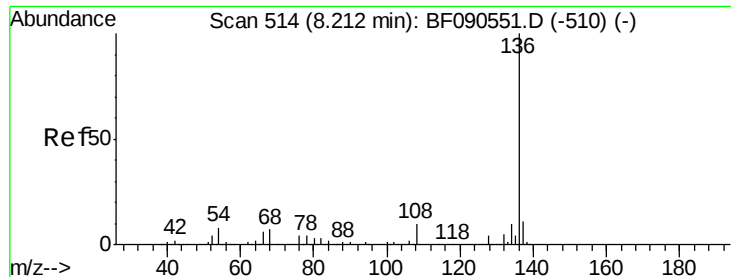
107 100

108 87.5 67.7 107.7

77 124.0 123.1 163.1

79 27.4 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: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tgt Ion:136 Resp: 842408

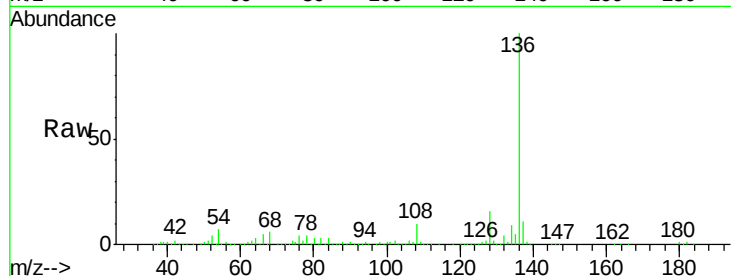
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.4 6.8 10.2

68 6.4 6.0 9.0

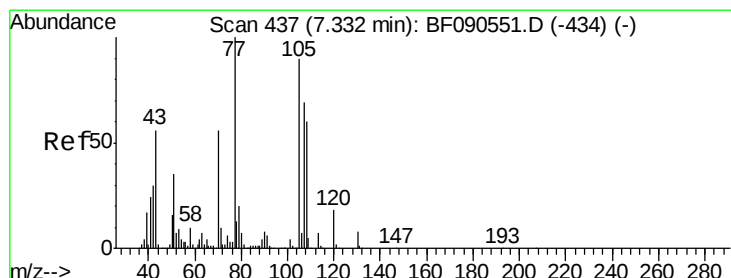
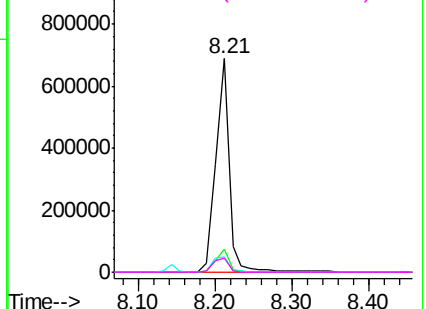
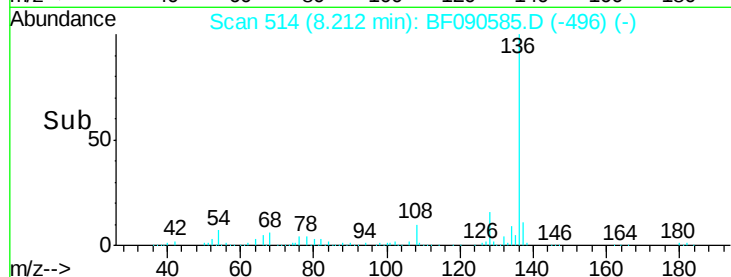


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.08 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Tgt Ion:105 Resp: 913369

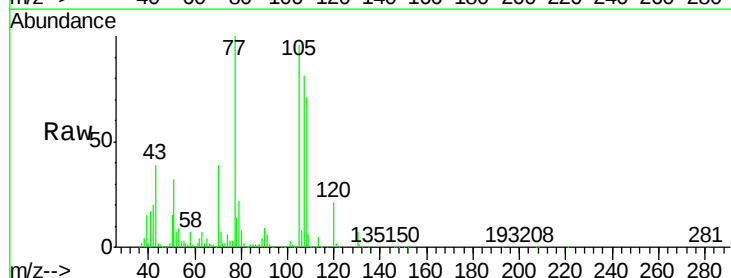
Ion Ratio Lower Upper

105 100

71 6.9 8.5 12.7#

51 32.8 31.0 46.4

120 21.6 16.2 24.4

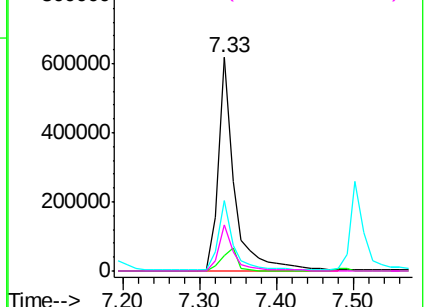
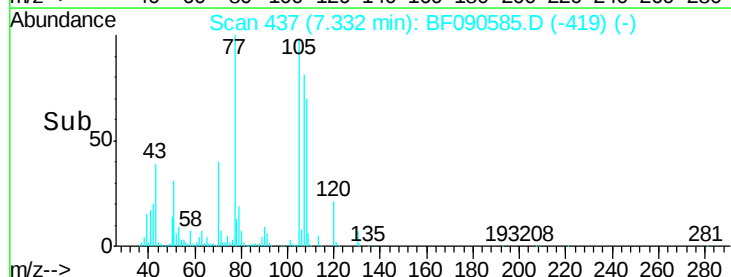


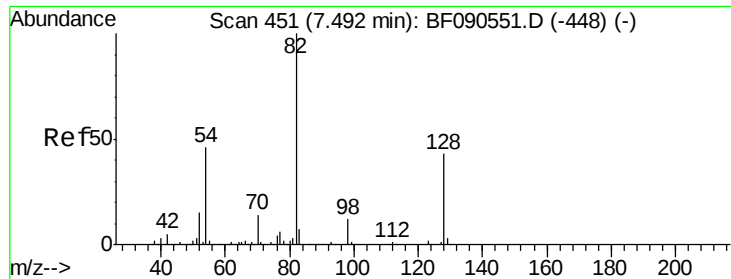
Abundance Ion 105.00 (104.70 to 105.70): E

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

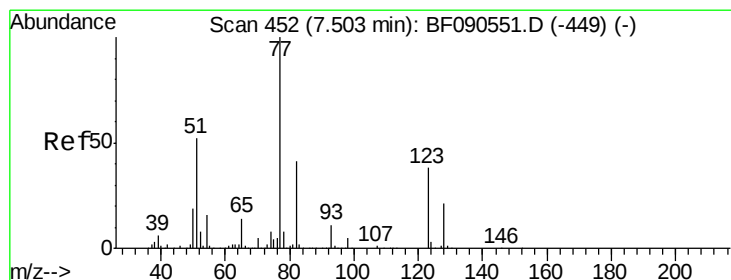
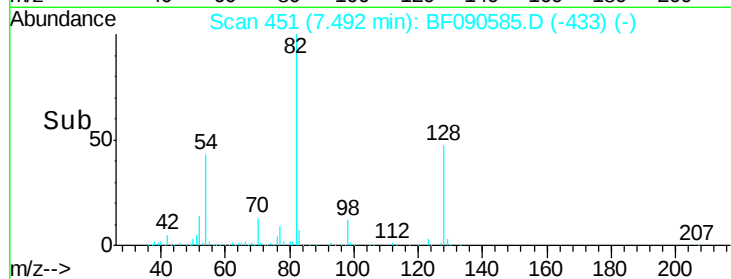
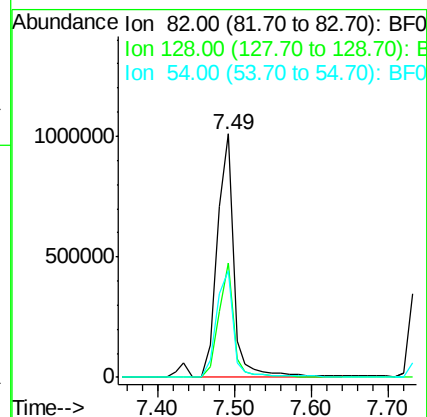
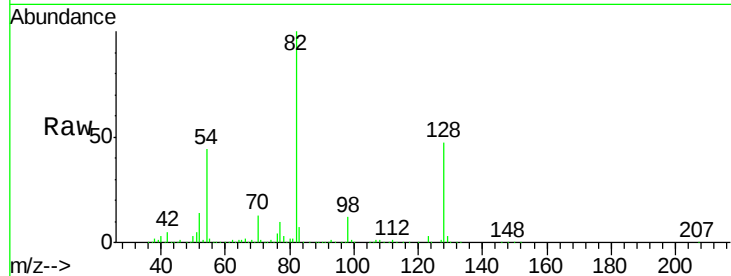




#23
 Nitrobenzene-d5
 Concen: 98.75 ng
 RT: 7.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

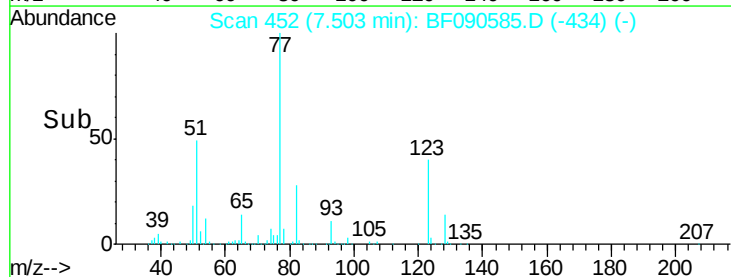
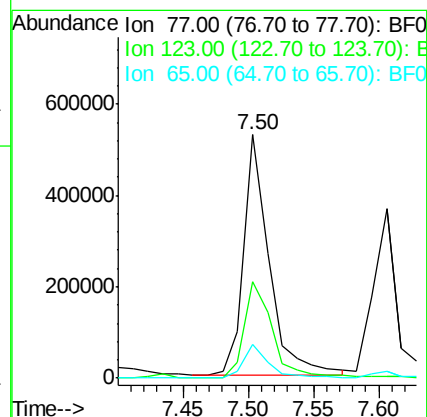
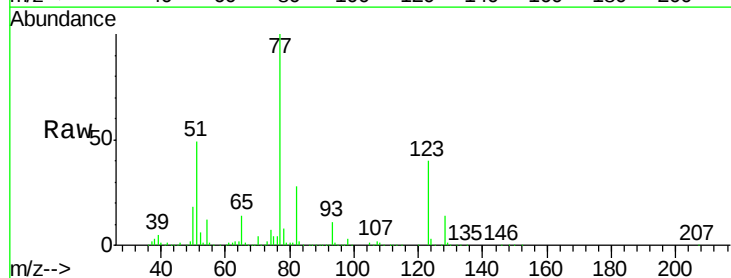
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

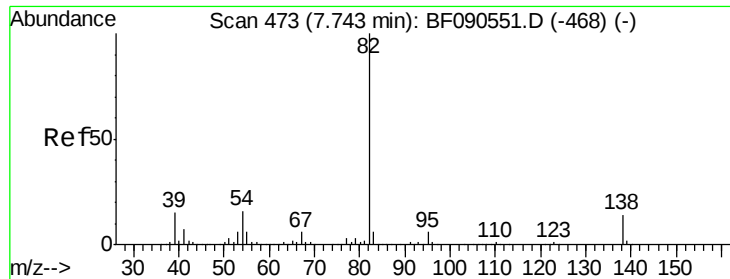
Tgt Ion: 82 Resp: 1497535
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.3 51.5
 54 43.6 37.0 55.6



#24
 Nitrobenzene
 Concen: 45.59 ng
 RT: 7.50 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion: 77 Resp: 709560
 Ion Ratio Lower Upper
 77 100
 123 39.8 29.8 44.6
 65 13.8 10.9 16.3





#25

Isophorone

Concen: 52.93 ng

RT: 7.74 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

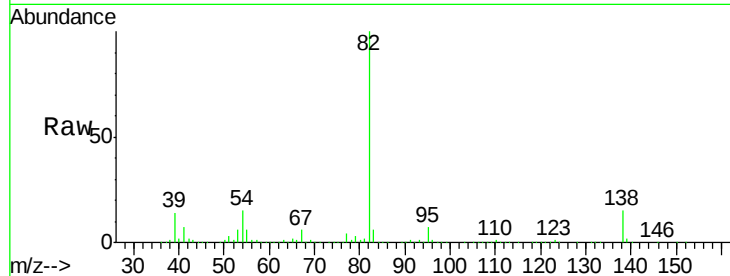
Tgt Ion: 82 Resp: 1460951

Ion Ratio Lower Upper

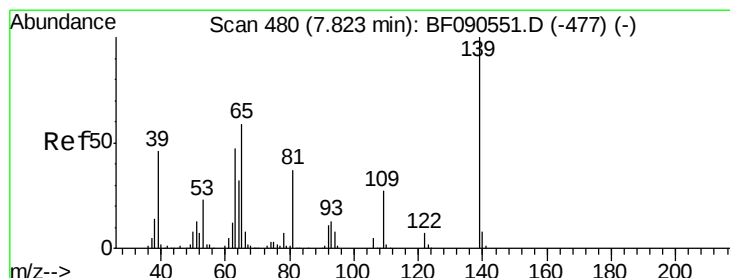
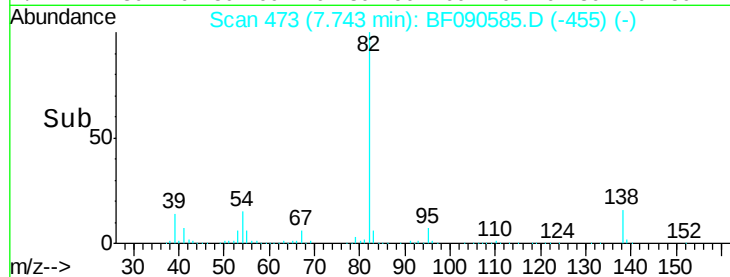
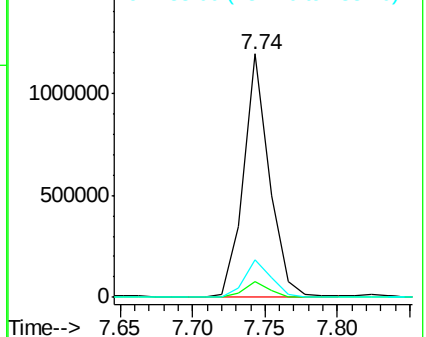
82 100

95 6.5 5.0 7.6

138 15.5 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: 51.83 ng

RT: 7.82 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

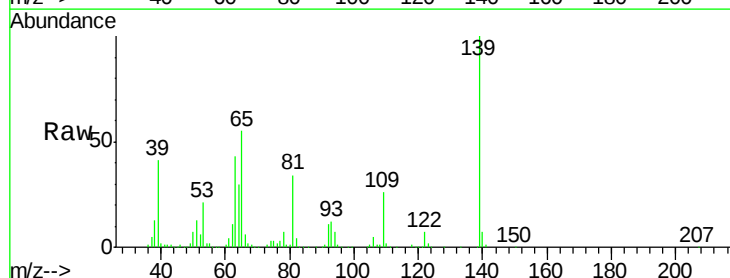
Tgt Ion: 139 Resp: 365958

Ion Ratio Lower Upper

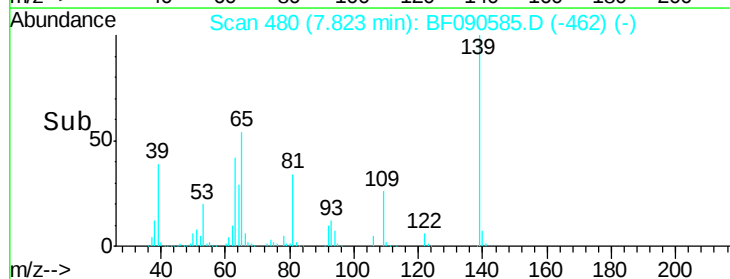
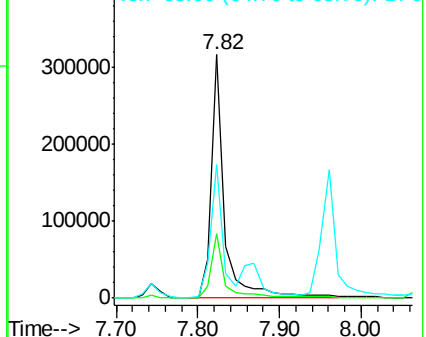
139 100

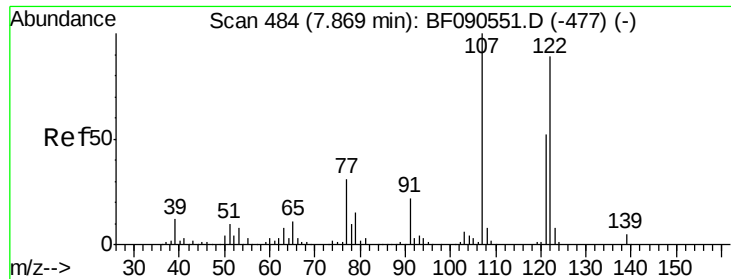
109 26.4 21.8 32.6

65 54.8 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

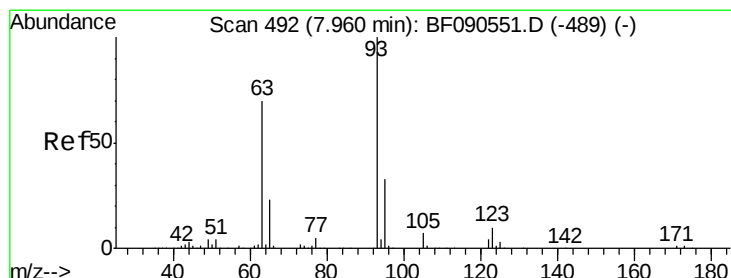
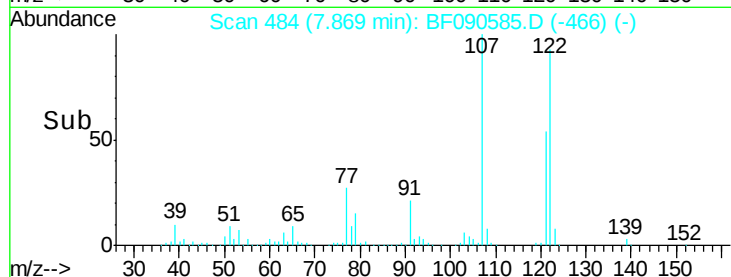
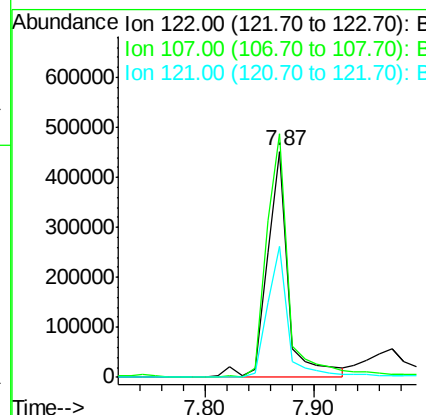
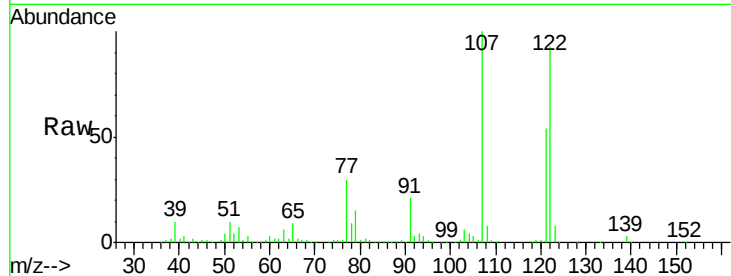




#27
 2,4-Dimethylphenol
 Concen: 52.52 ng
 RT: 7.87 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

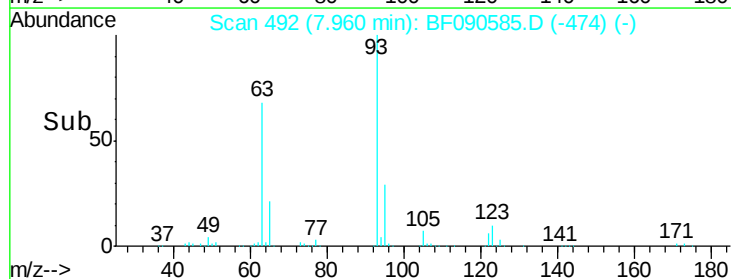
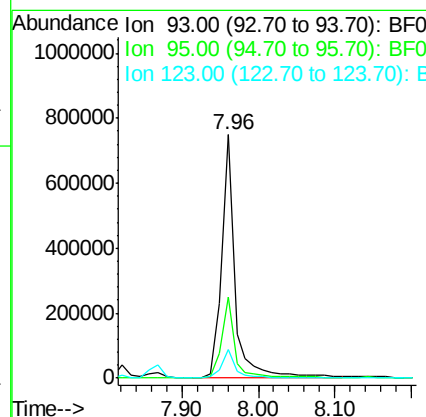
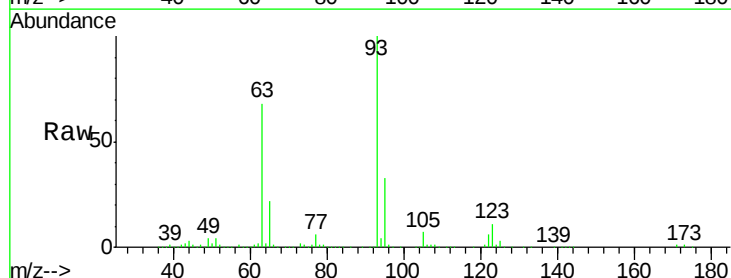
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

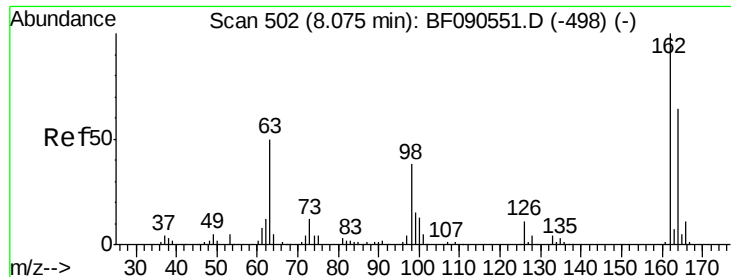
Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.9	89.8	134.6
121	57.9	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.34 ng
 RT: 7.96 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.5	8.6	13.0

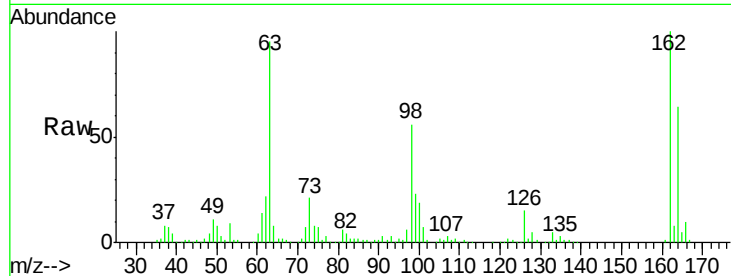




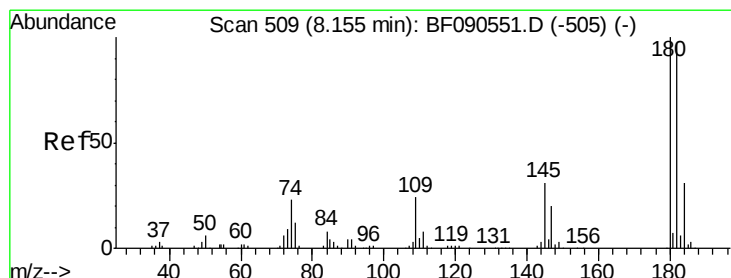
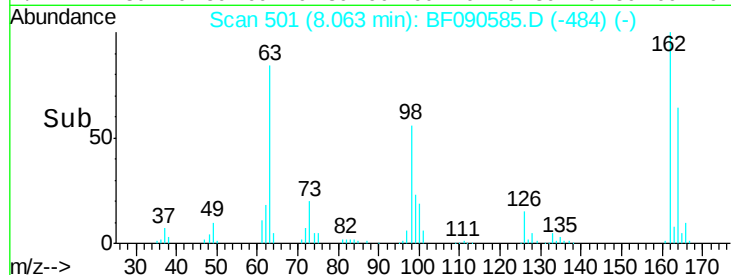
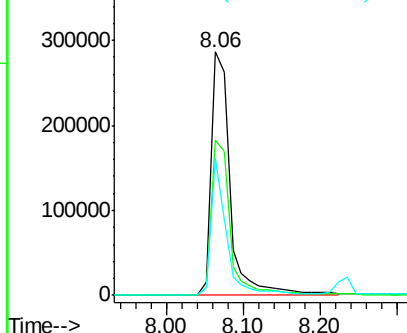
#29
2,4-Dichlorophenol
Concen: 47.87 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.0	84.0
98	56.5	18.0	58.0

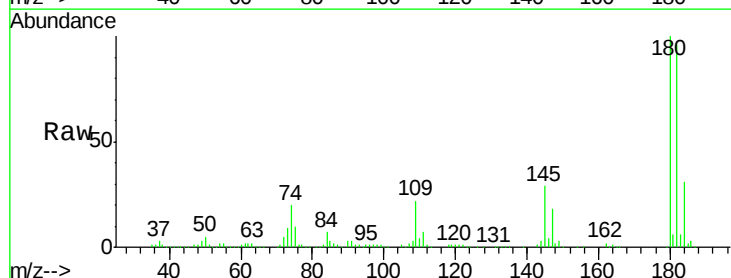


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

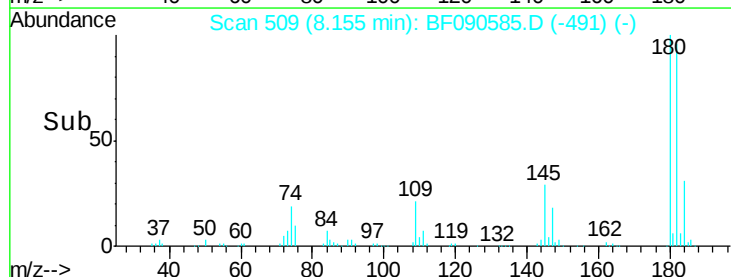
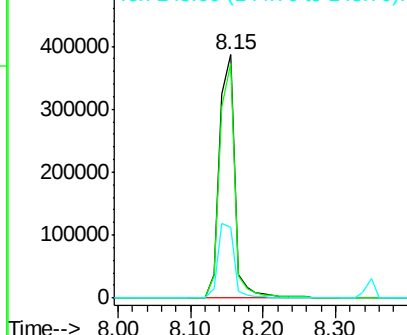


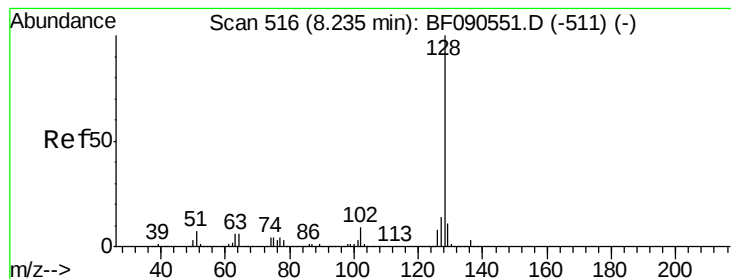
#30
1,2,4-Trichlorobenzene
Concen: 47.78 ng
RT: 8.15 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.2	115.8
145	28.9	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: 47.19 ng

RT: 8.23 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

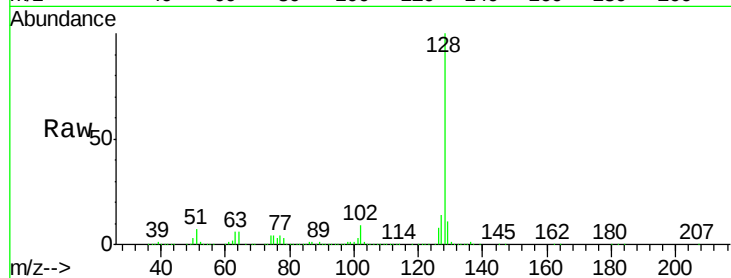
Tgt Ion:128 Resp: 2025257

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

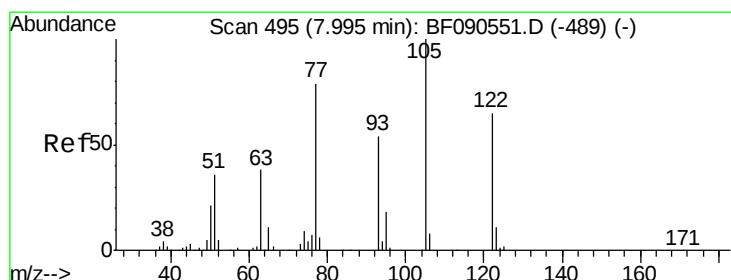
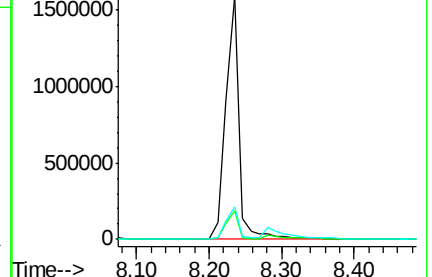
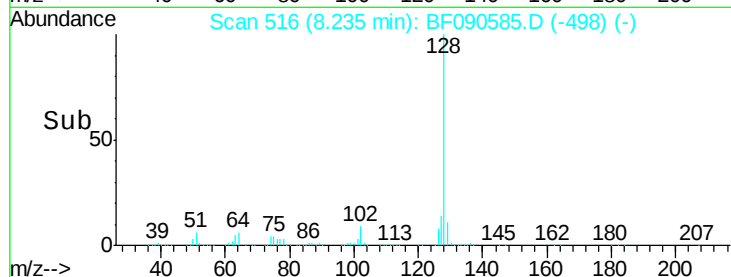
127 13.6 10.8 16.2



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: 22.30 ng

RT: 7.97 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

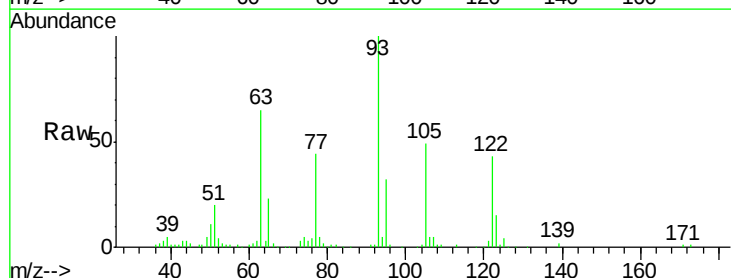
Tgt Ion:122 Resp: 160508

Ion Ratio Lower Upper

122 100

105 113.3 101.1 141.1

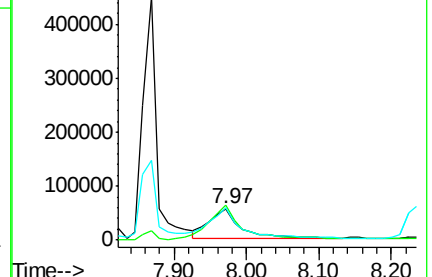
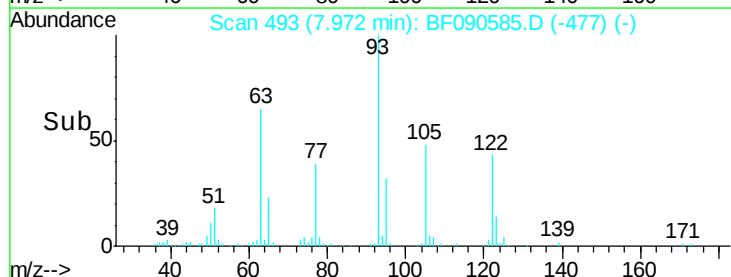
77 101.7 84.7 124.7

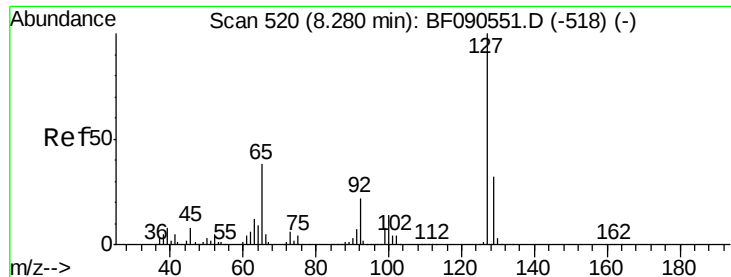


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

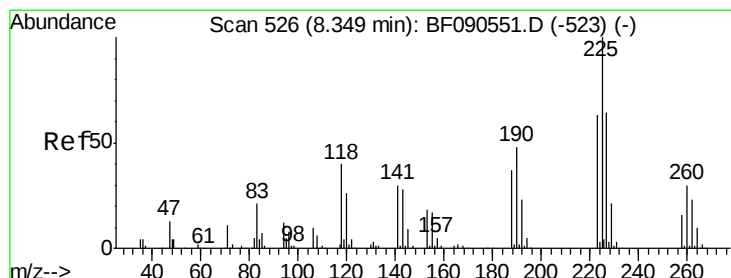
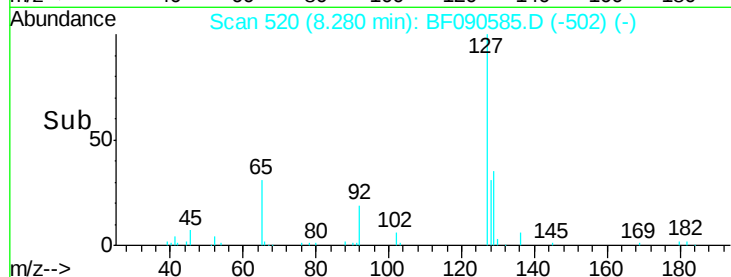
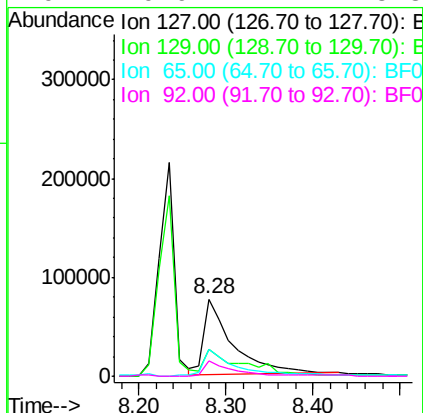
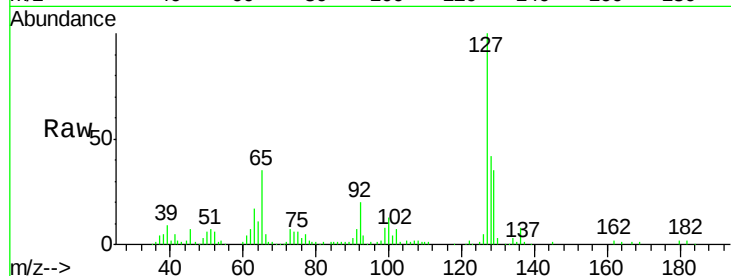




#33
4-Chloroaniline
Concen: 10.86 ng
RT: 8.28 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

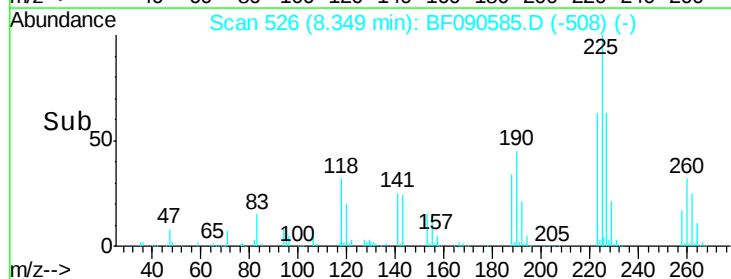
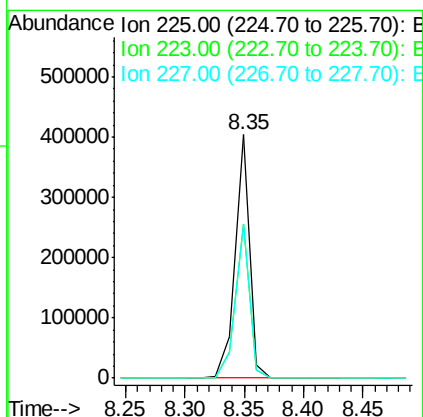
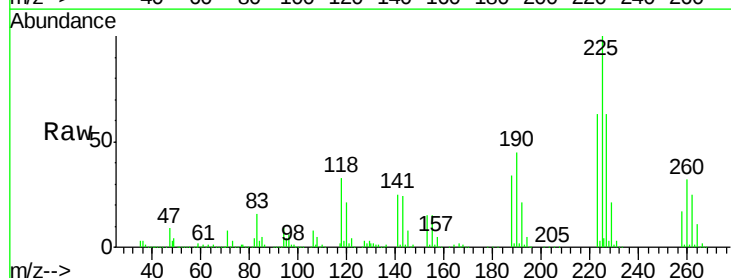
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

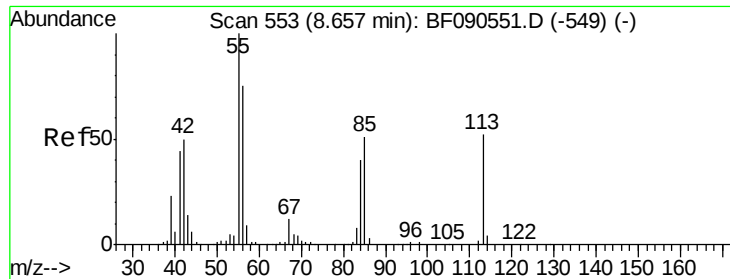
Tgt Ion:	127	Resp:	178141
Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.2	39.2
65	35.2	30.1	45.1
92	19.9	17.2	25.8



#34
Hexachlorobutadiene
Concen: 50.95 ng
RT: 8.35 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

Tgt Ion:	225	Resp:	342177
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.4	51.4	77.2

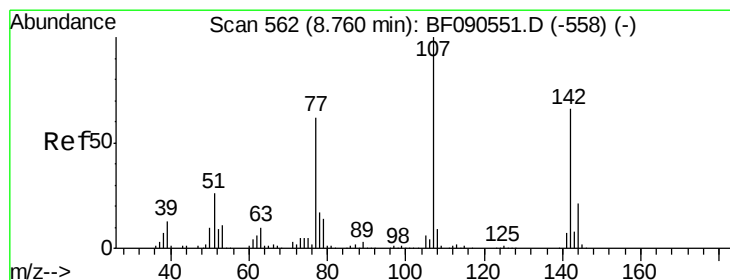
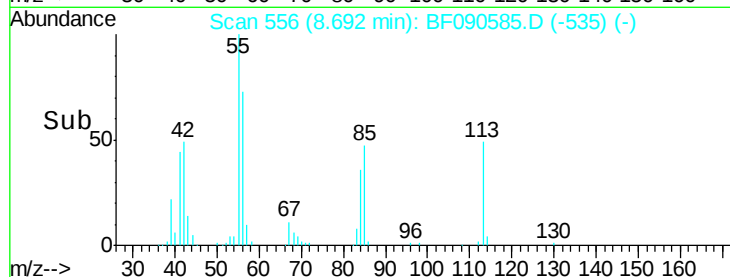
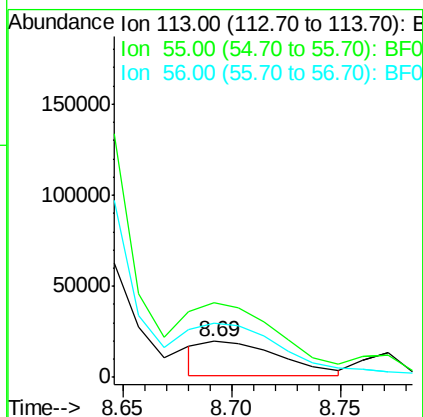
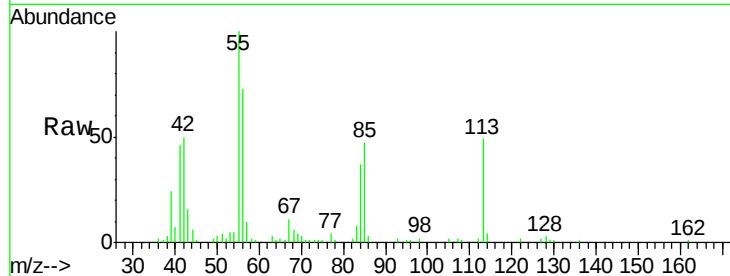




#35
 Caprolactam
 Concen: 16.18 ng
 RT: 8.69 min Scan# 556
 Delta R.T. 0.03 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

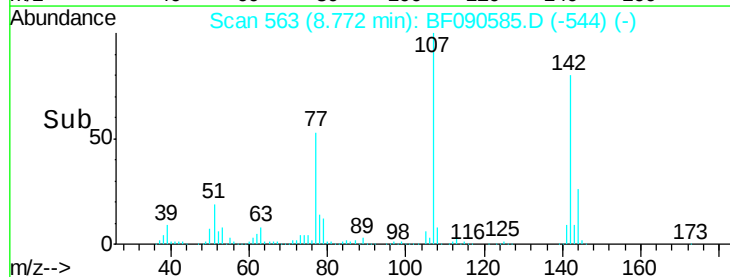
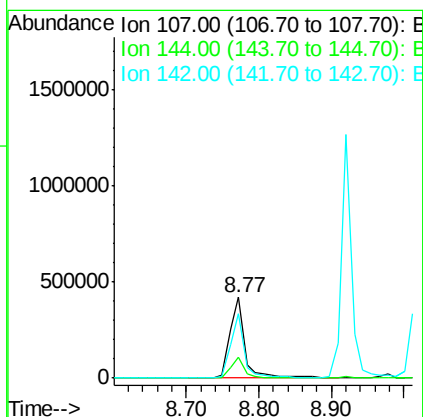
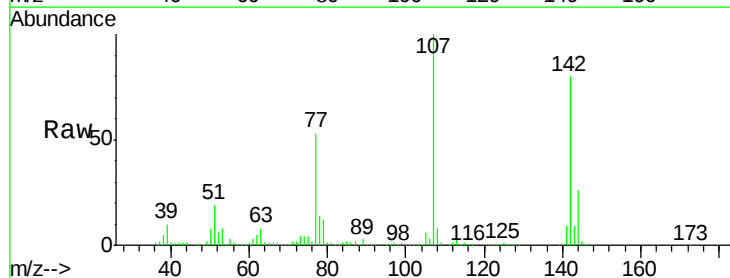
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

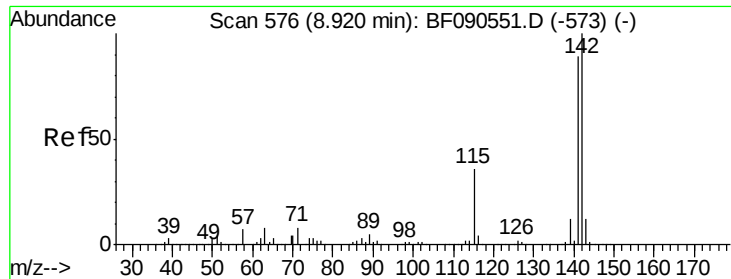
Tgt Ion:113 Resp: 46351
 Ion Ratio Lower Upper
 113 100
 55 205.8 170.8 210.8
 56 149.9 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.68 ng
 RT: 8.77 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion:107 Resp: 600153
 Ion Ratio Lower Upper
 107 100
 144 26.0 16.9 25.3#
 142 79.7 52.5 78.7#

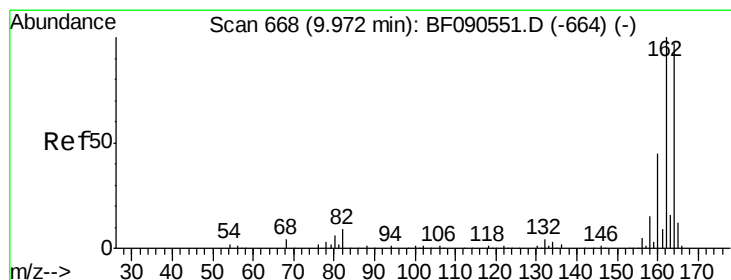
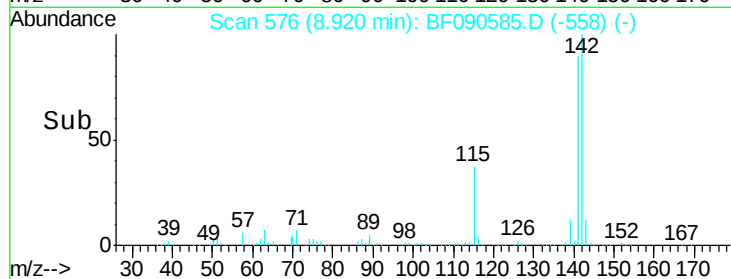
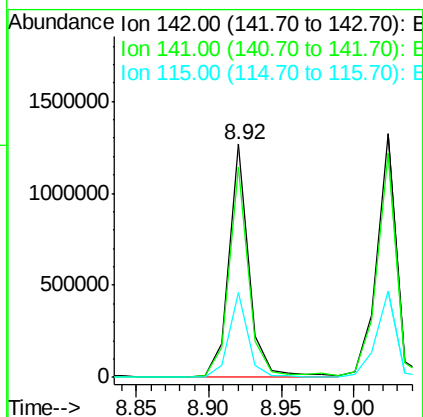
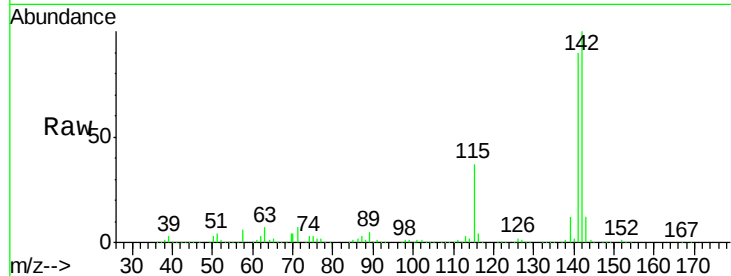




#37
 2-Methylnaphthalene
 Concen: 47.63 ng
 RT: 8.92 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

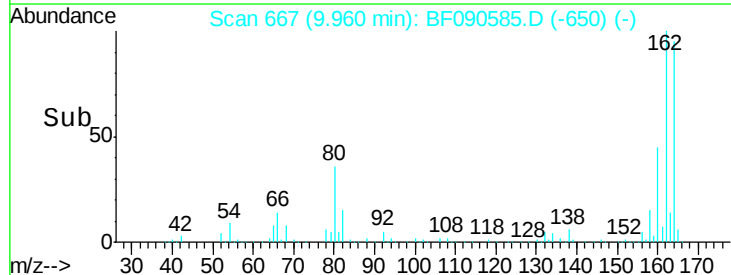
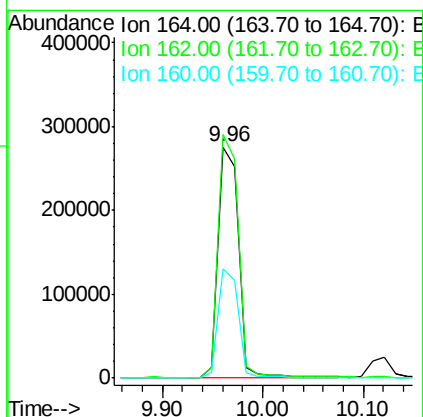
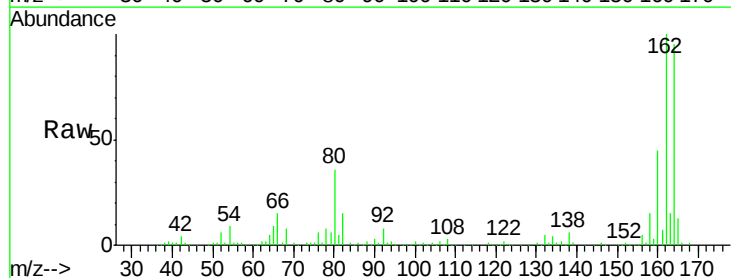
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

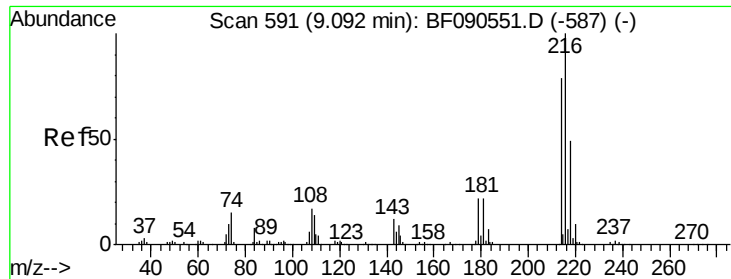
Tgt Ion:142 Resp: 1200322
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.3 106.9
 115 36.6 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion:164 Resp: 393507
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.2 123.4
 160 47.5 36.6 55.0

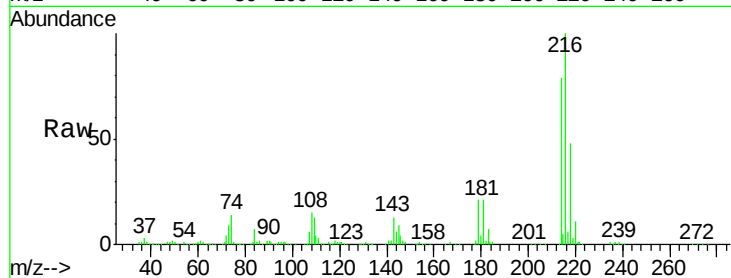




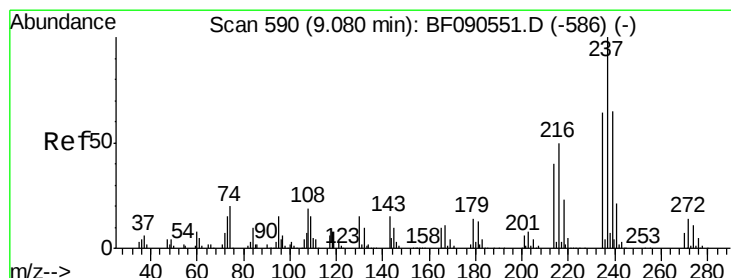
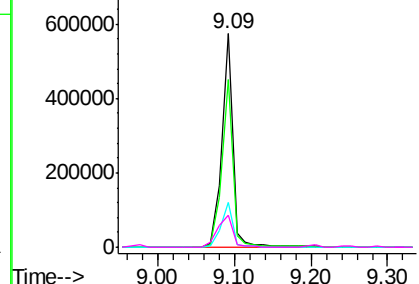
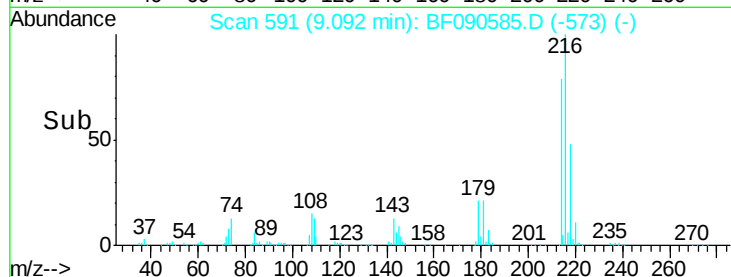
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.15 ng
 RT: 9.09 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

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

Tgt Ion:	216	Resp:	575451
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	22.8	18.9	28.3
108	20.5	17.8	26.6

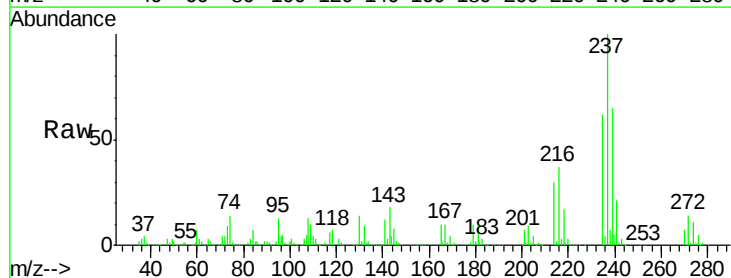


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

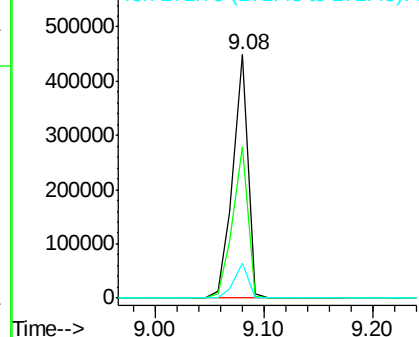
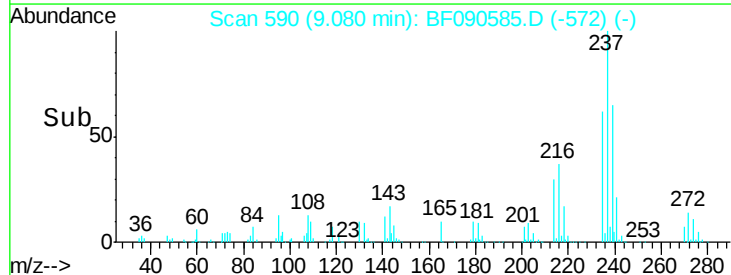


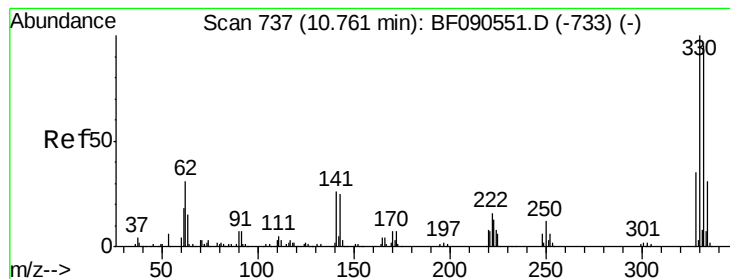
#40
 Hexachlorocyclopentadiene
 Concen: 84.79 ng
 RT: 9.08 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion:	237	Resp:	432159
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.8	83.8
272	14.3	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

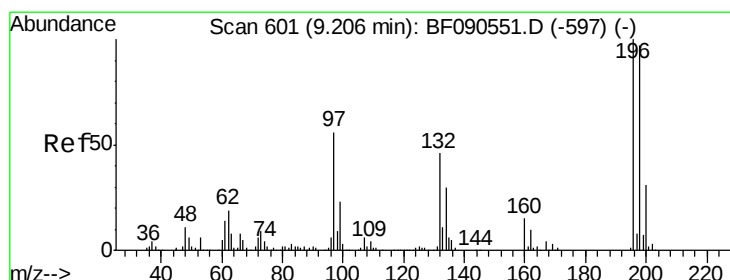
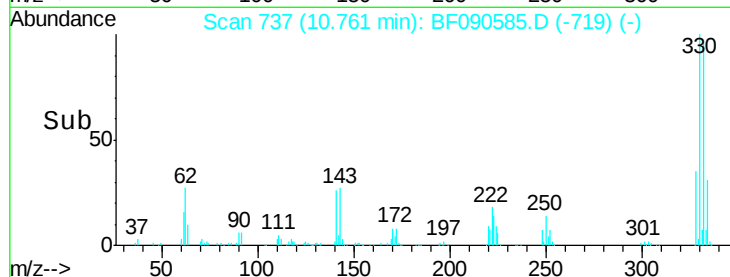
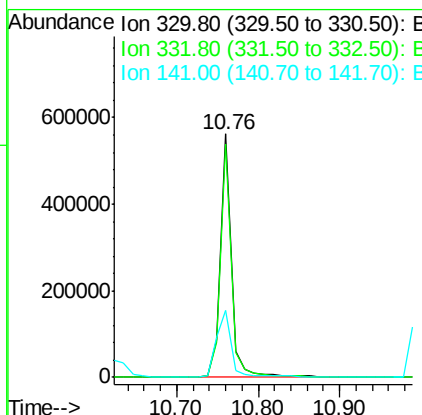
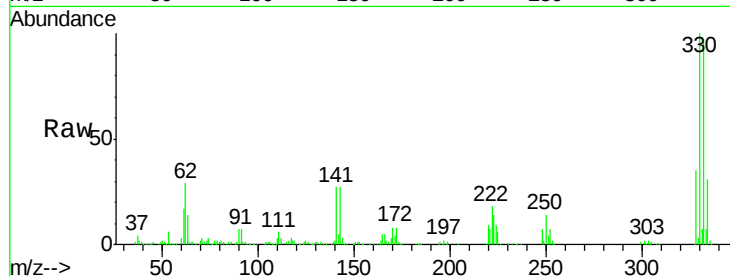




#41
 2,4,6-Tribromophenol
 Concen: 150.87 ng
 RT: 10.76 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

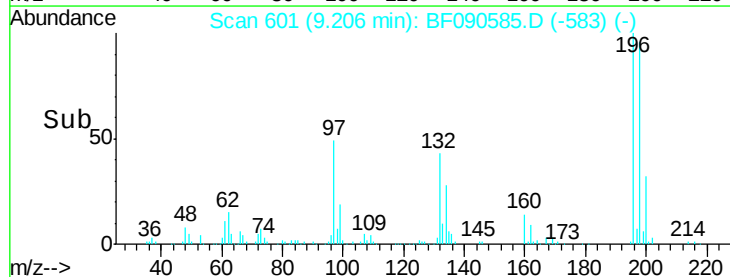
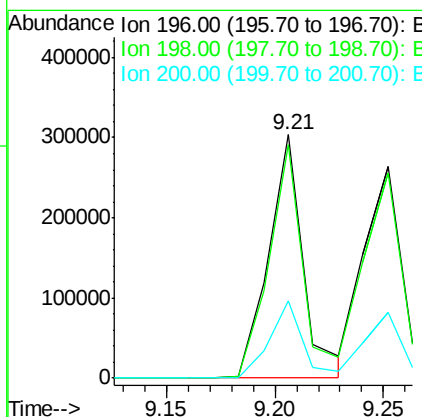
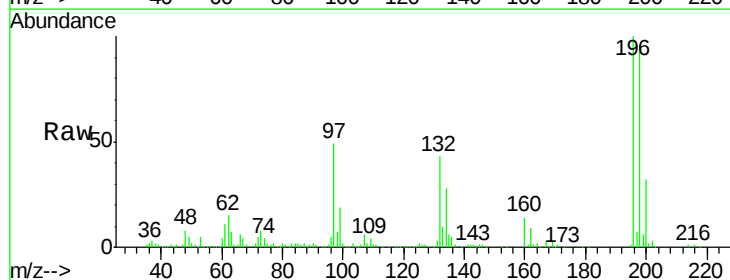
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

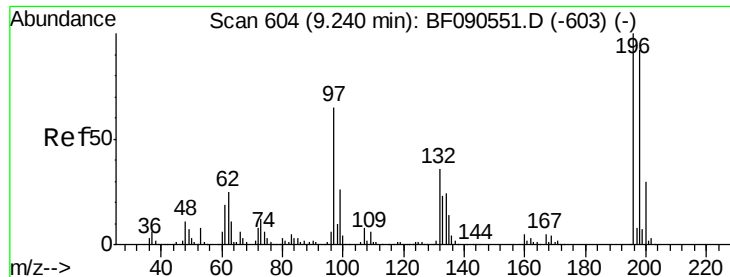
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.2
141	35.9	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 57.64 ng
 RT: 9.21 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.9	116.9
200	31.5	25.1	37.7

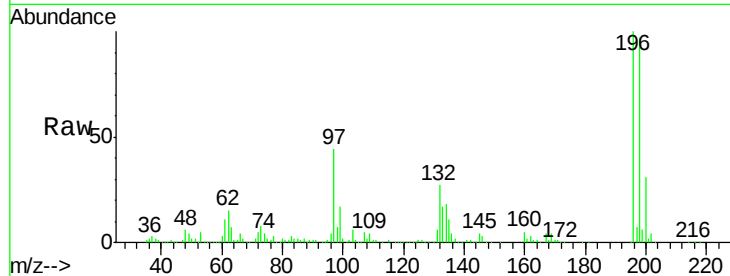




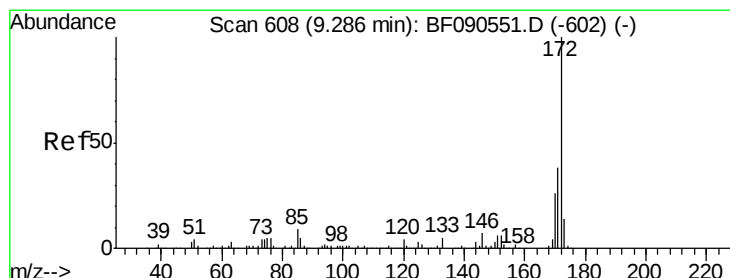
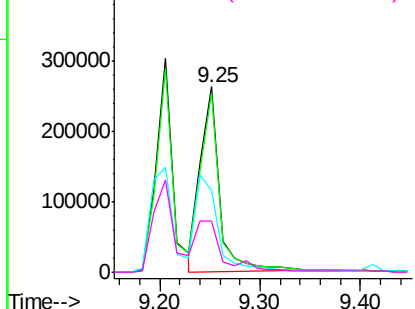
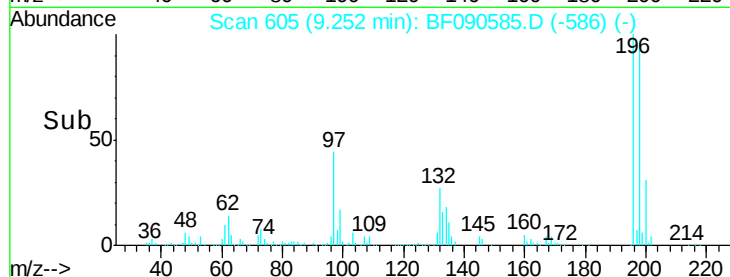
#43
 2,4,5-Trichlorophenol
 Concen: 50.11 ng
 RT: 9.25 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

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

Tgt Ion:196 Resp: 351811
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.0 111.0
 97 44.2 54.7 82.1#
 132 27.4 30.5 45.7#

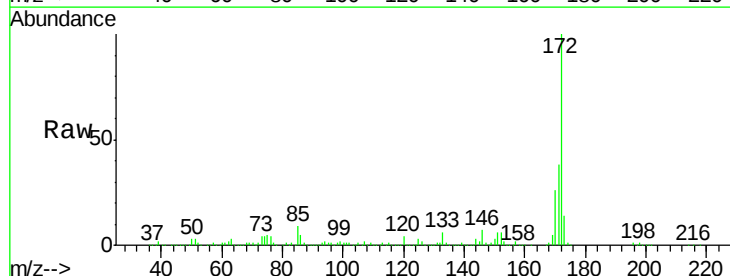


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

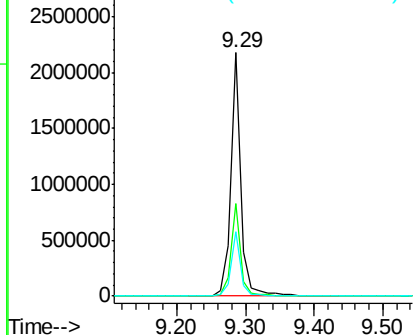
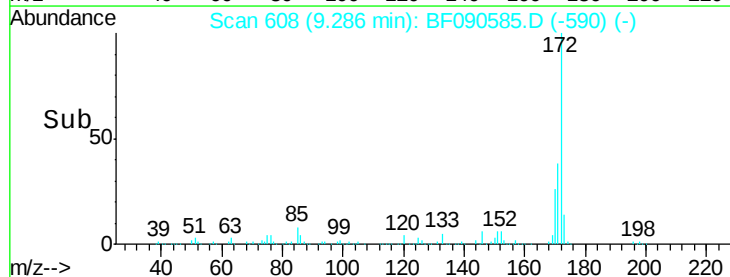


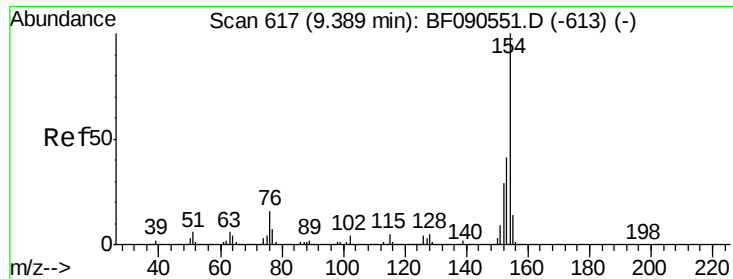
#44
 2-Fluorobiphenyl
 Concen: 95.12 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion:172 Resp: 2271809
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.1 45.1
 170 26.2 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

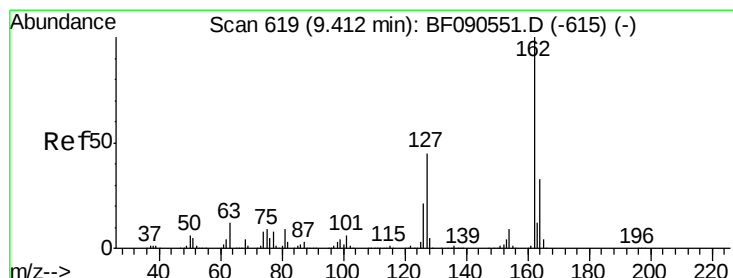
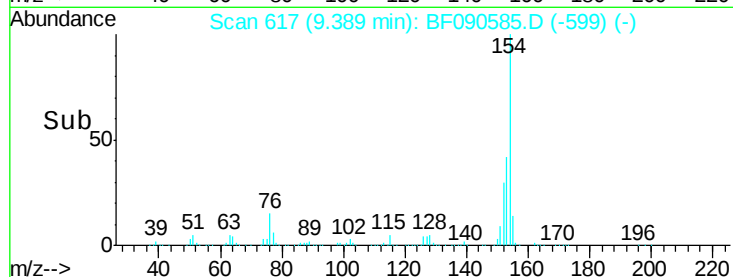
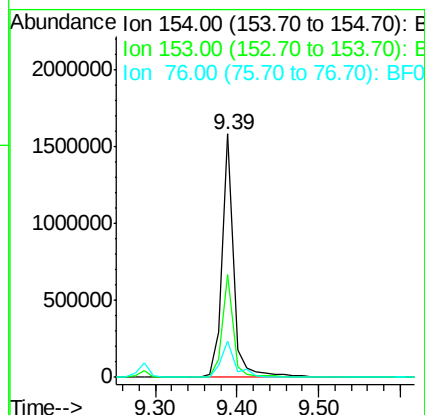
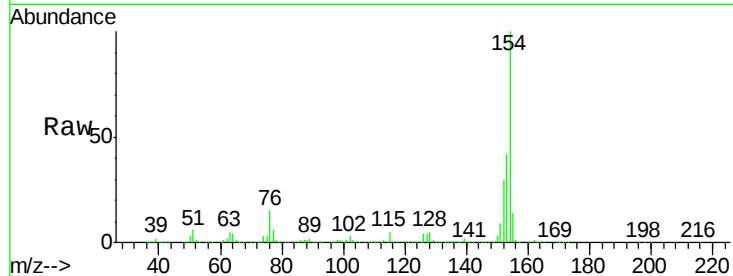




#45
 1,1'-Biphenyl
 Concen: 51.83 ng
 RT: 9.39 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

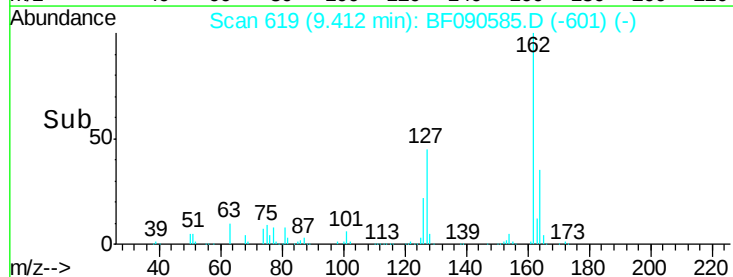
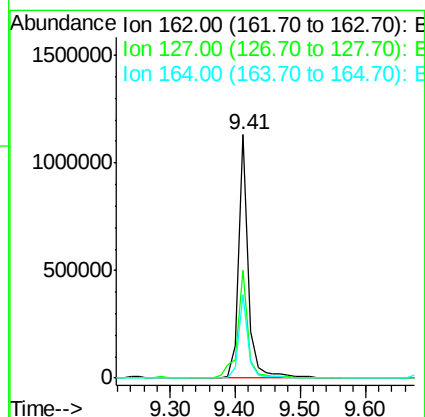
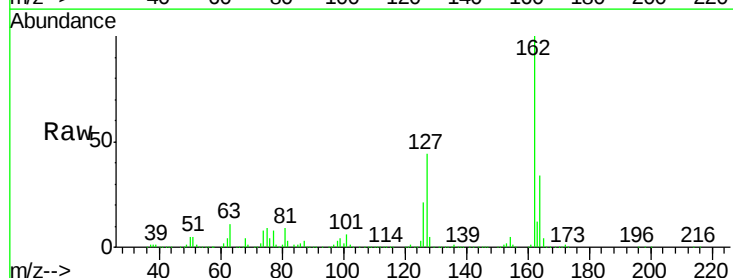
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

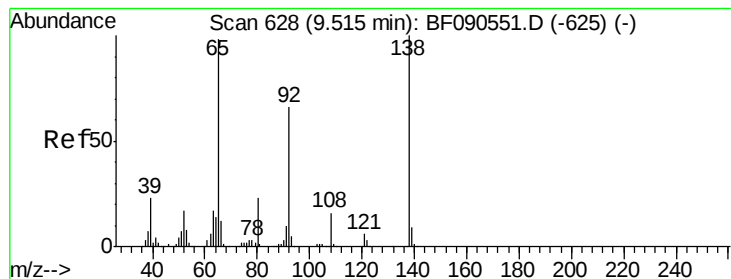
Tgt Ion:154 Resp: 1552203
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.5 61.5
 76 14.8 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 51.59 ng
 RT: 9.41 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion:162 Resp: 1151742
 Ion Ratio Lower Upper
 162 100
 127 44.4 35.9 53.9
 164 34.4 26.7 40.1





#47

2-Nitroaniline

Concen: 50.22 ng

RT: 9.51 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

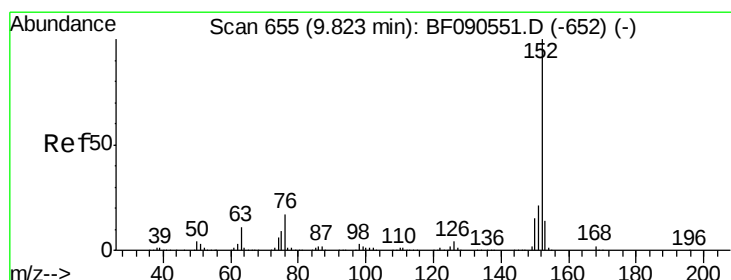
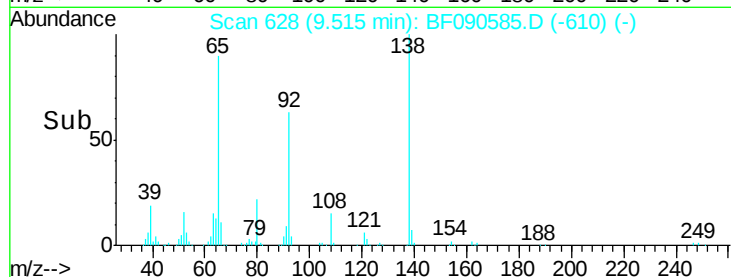
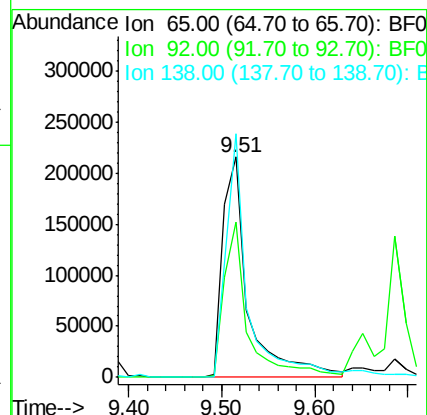
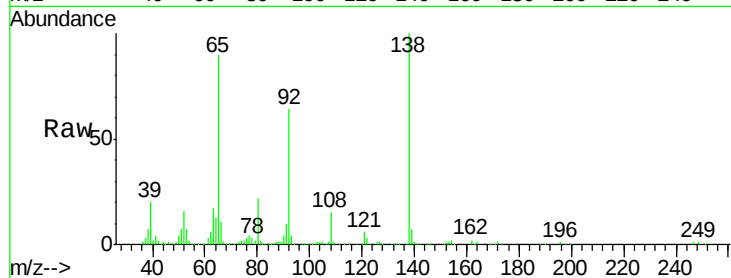
Tgt Ion: 65 Resp: 406532

Ion Ratio Lower Upper

65 100

92 70.2 54.3 81.5

138 110.6 81.7 122.5



#48

Acenaphthylene

Concen: 47.49 ng

RT: 9.82 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

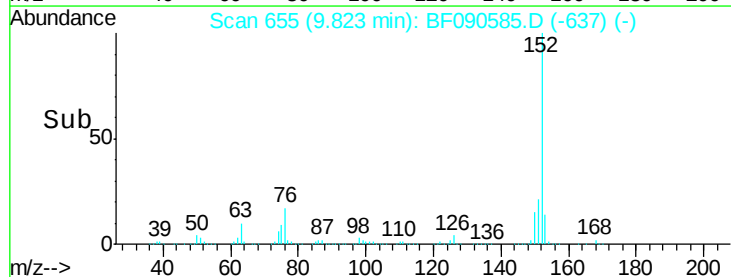
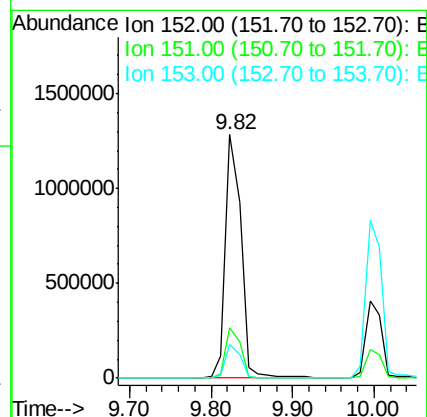
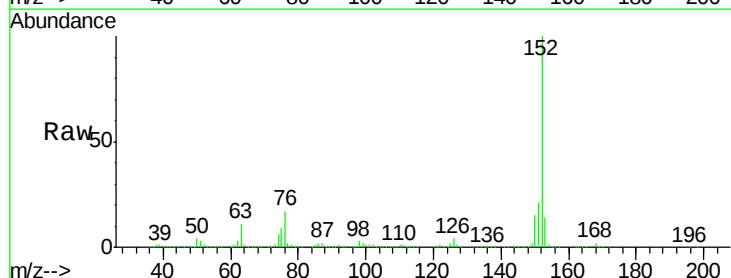
Tgt Ion: 152 Resp: 1688524

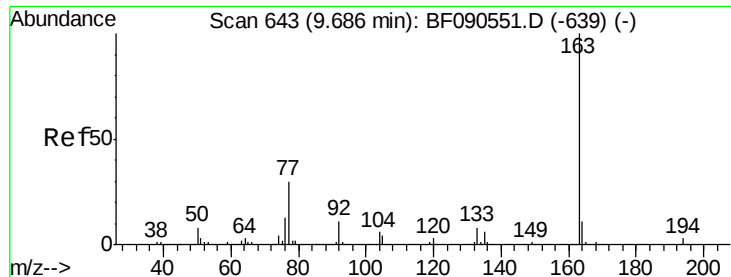
Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

153 14.1 11.3 16.9





#49

Dimethylphthalate

Concen: 58.07 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

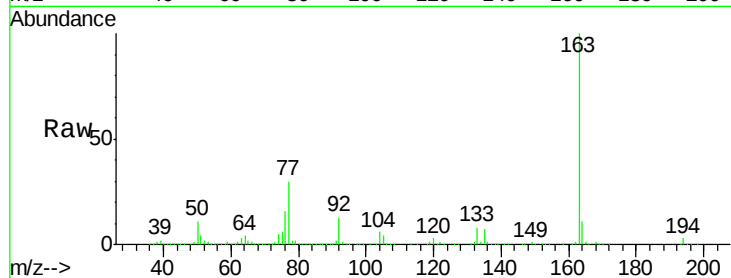
Tgt Ion:163 Resp: 1482606

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

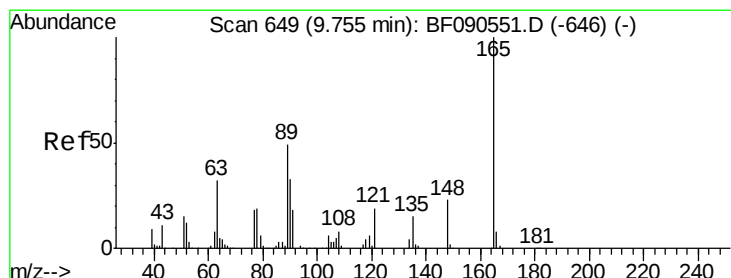
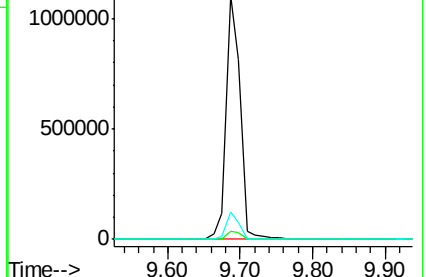
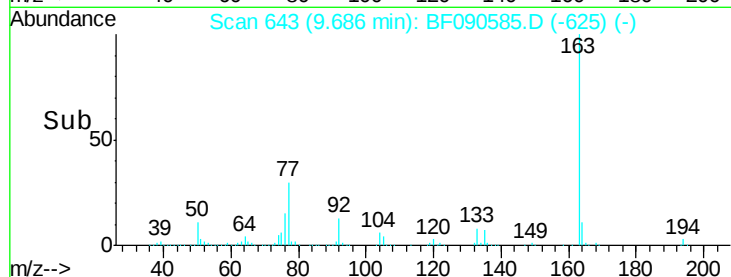
164 11.0 8.6 13.0



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



#50

2,6-Dinitrotoluene

Concen: 53.51 ng

RT: 9.75 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

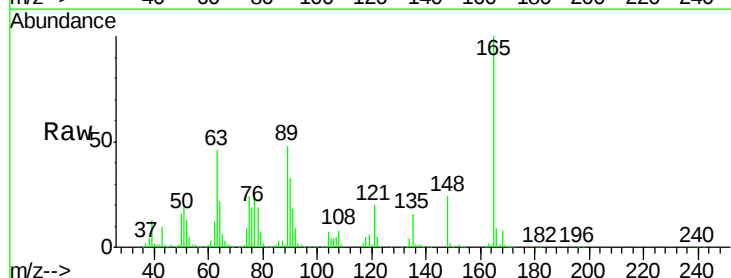
Tgt Ion:165 Resp: 298953

Ion Ratio Lower Upper

165 100

63 46.0 40.1 60.1

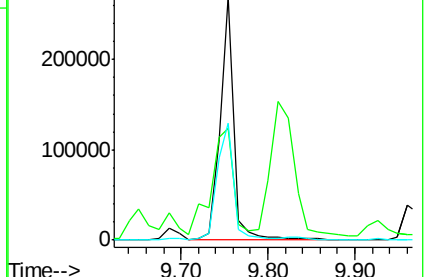
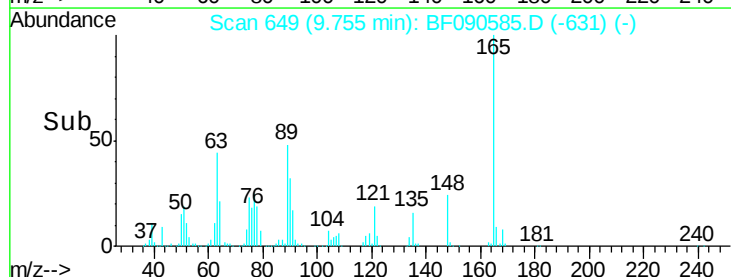
89 47.9 39.5 59.3

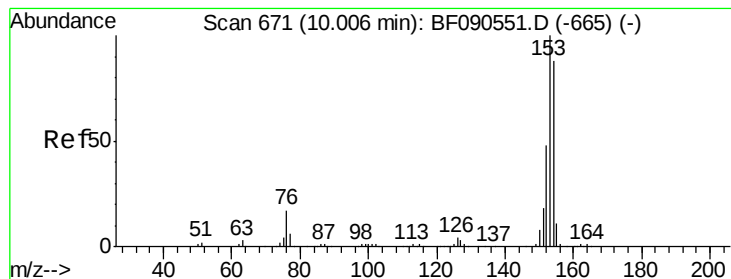


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.96 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

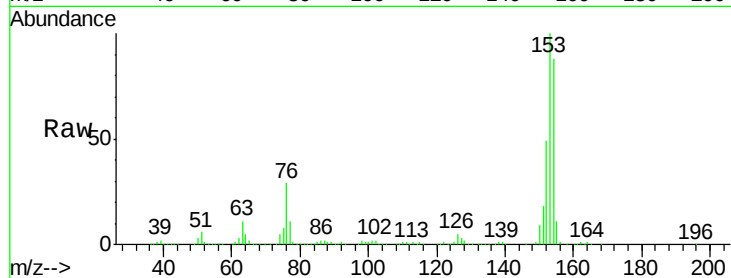
Tgt Ion:154 Resp: 1109646

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

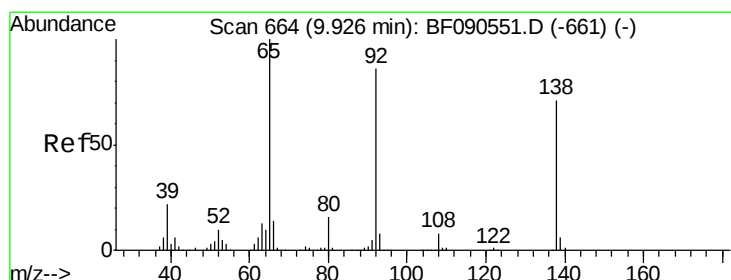
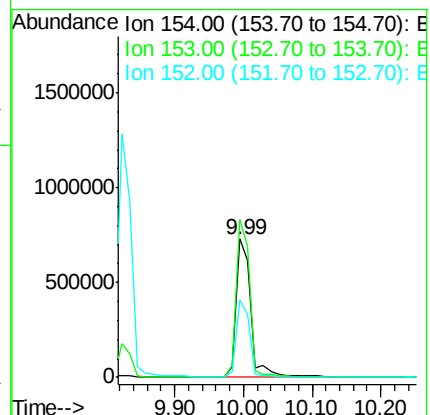
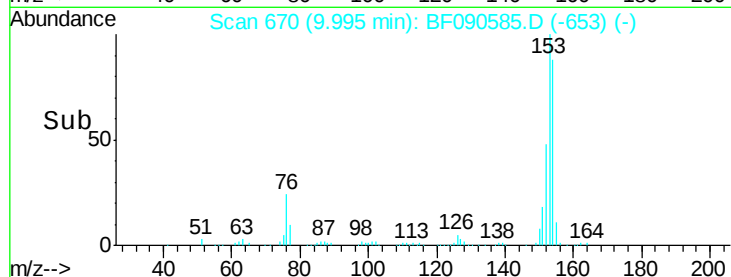
152 55.4 44.0 66.0



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: 28.61 ng

RT: 9.93 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

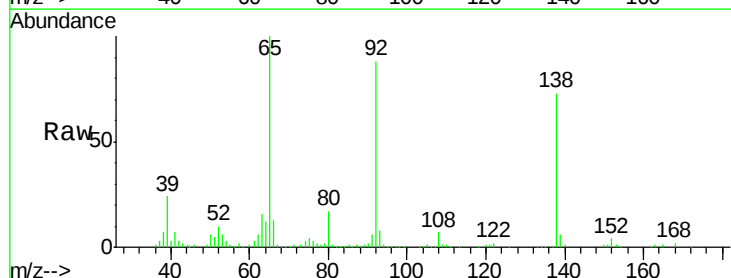
Tgt Ion:138 Resp: 200555

Ion Ratio Lower Upper

138 100

108 10.2 8.6 12.8

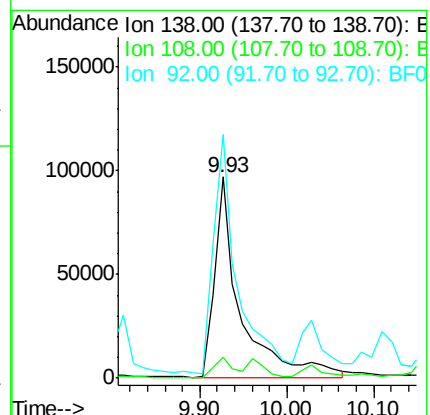
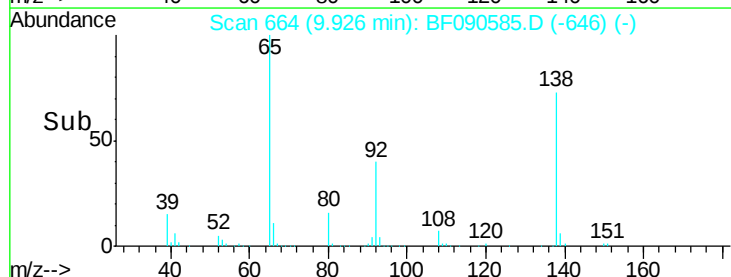
92 121.2 97.8 146.8

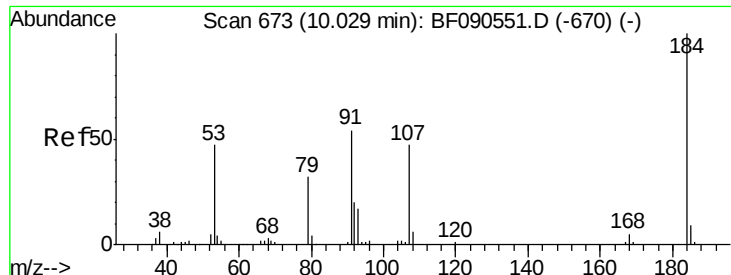


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

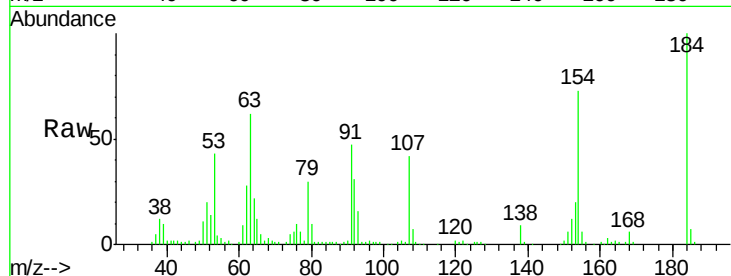




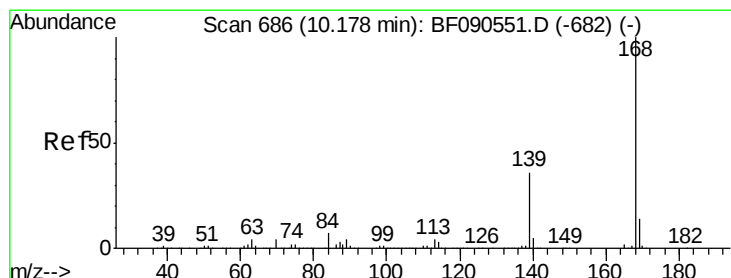
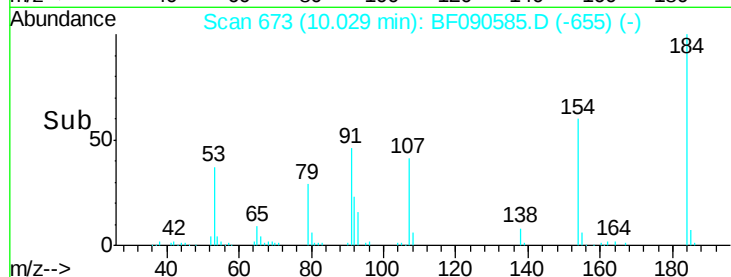
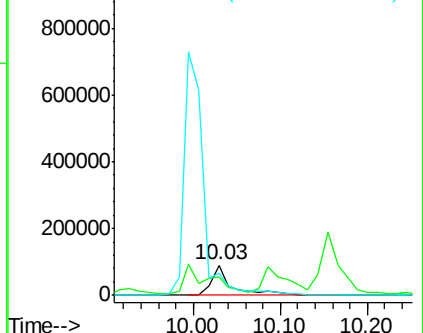
#53
2,4-Dinitrophenol
Concen: 51.72 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

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

Tgt Ion:184 Resp: 150317
Ion Ratio Lower Upper
184 100
63 62.3 60.2 90.2
154 73.0 86.1 129.1#

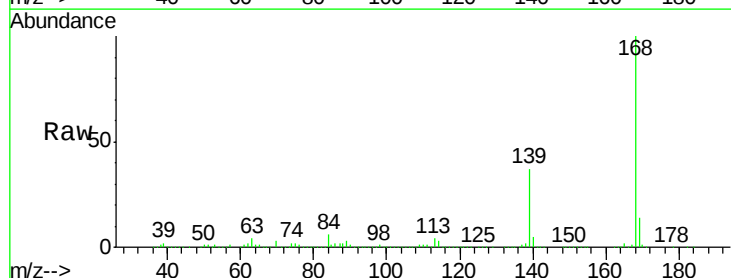


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

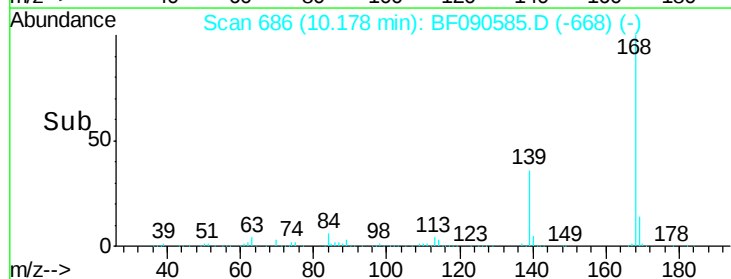
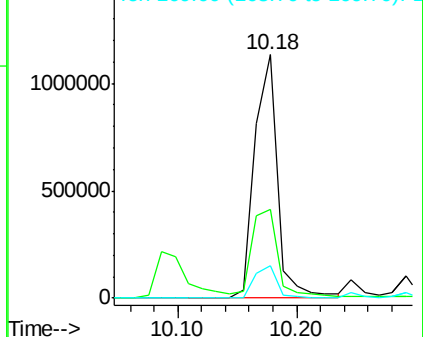


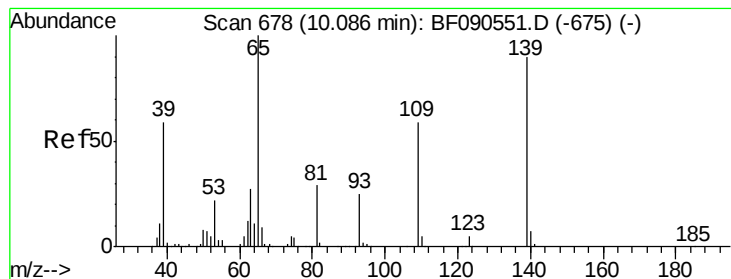
#54
Dibenzofuran
Concen: 49.08 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

Tgt Ion:168 Resp: 1525775
Ion Ratio Lower Upper
168 100
139 36.5 30.5 45.7
169 13.5 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: 94.36 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

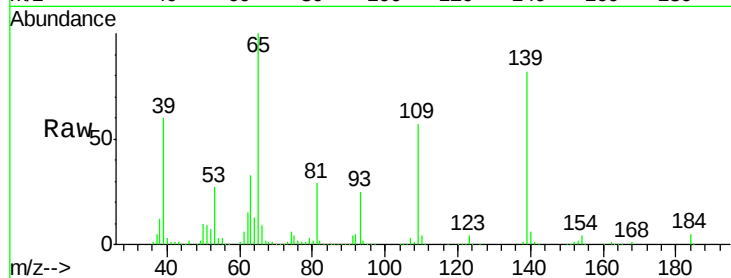
Tgt Ion:139 Resp: 398086

Ion Ratio Lower Upper

139 100

109 69.0 45.9 85.9

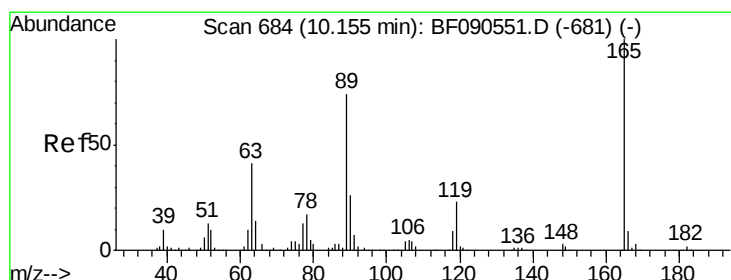
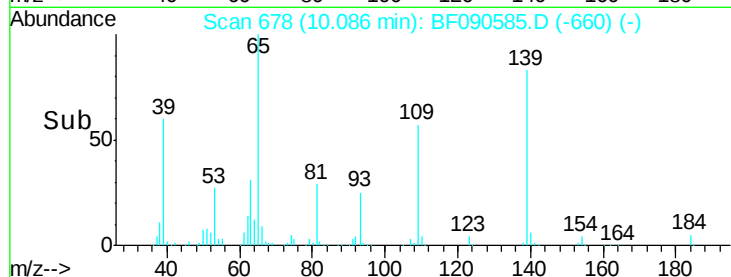
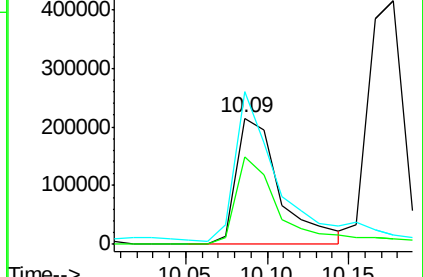
65 121.7 95.8 135.8



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: 51.40 ng

RT: 10.15 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Tgt Ion:165 Resp: 390009

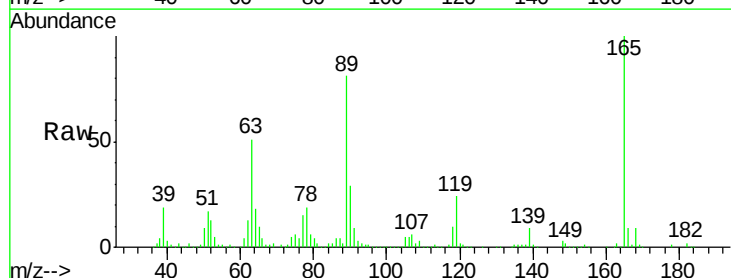
Ion Ratio Lower Upper

165 100

63 50.6 35.4 53.0

89 81.4 59.0 88.4

182 2.1 1.8 2.6

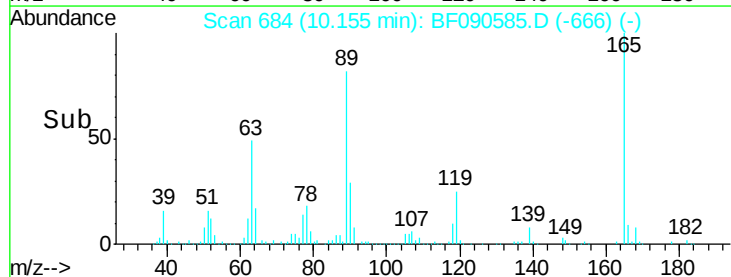
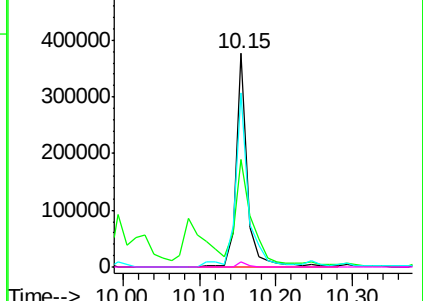


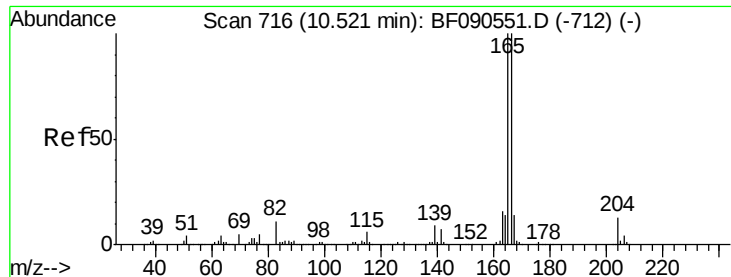
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.10 ng

RT: 10.52 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

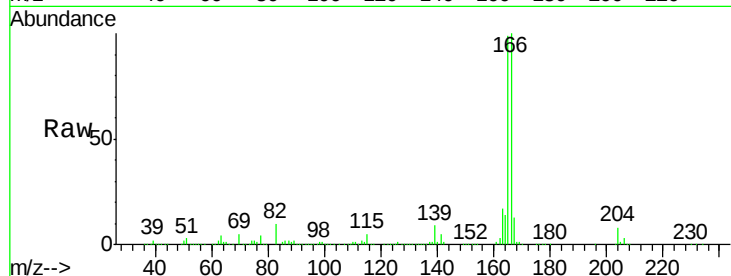
Tgt Ion:166 Resp: 1259017

Ion Ratio Lower Upper

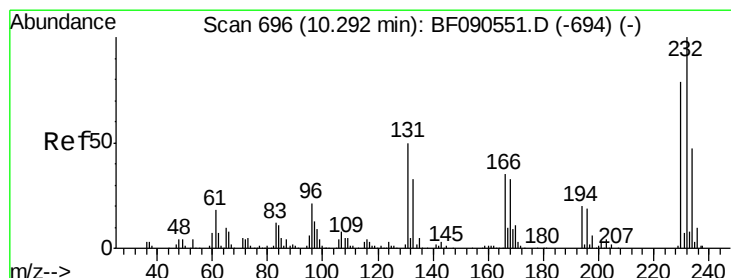
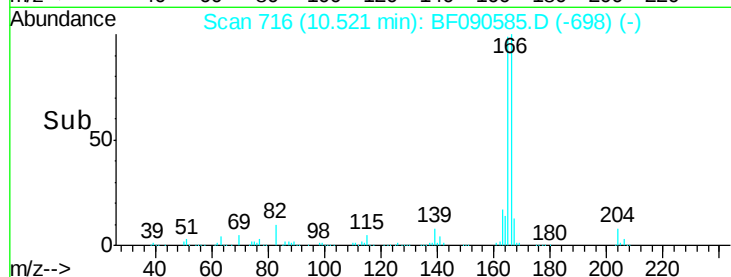
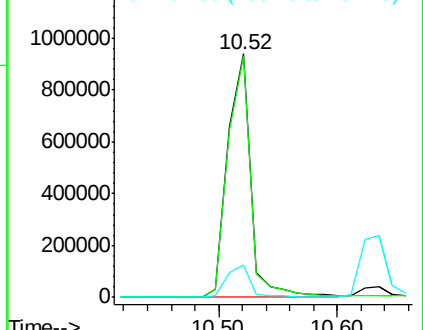
166 100

165 99.0 79.9 119.9

167 13.3 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: 52.26 ng

RT: 10.29 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Tgt Ion:232 Resp: 305563

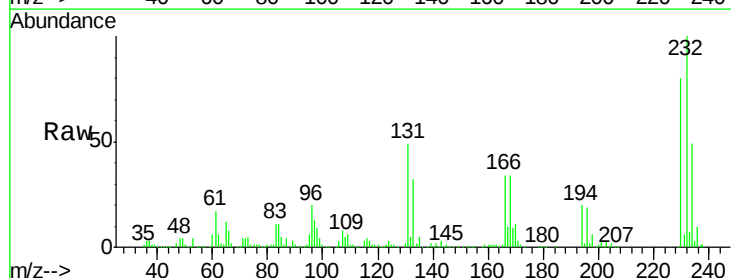
Ion Ratio Lower Upper

232 100

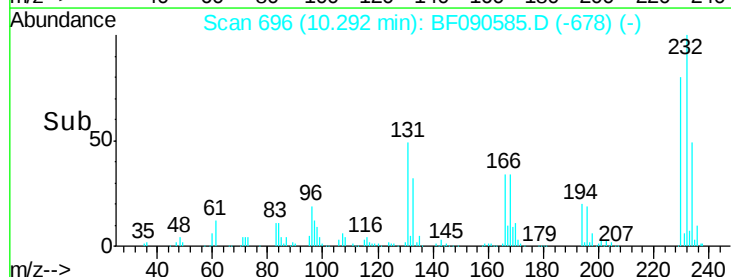
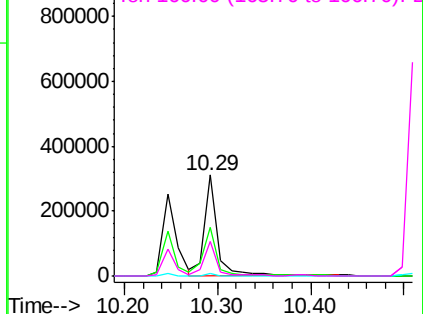
131 51.7 42.6 64.0

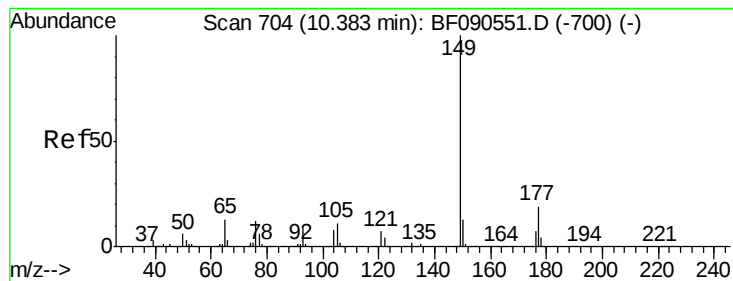
130 2.7 1.8 2.8

166 32.2 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: 53.42 ng

RT: 10.39 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

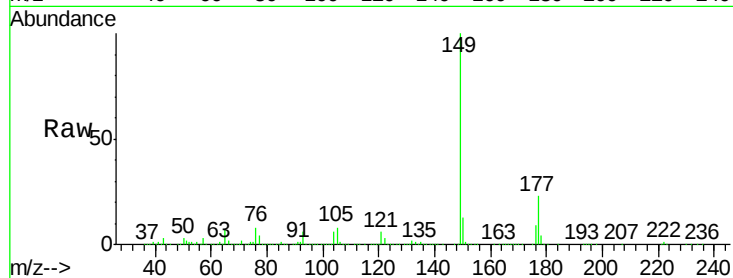
Tgt Ion:149 Resp: 1383279

Ion Ratio Lower Upper

149 100

177 23.5 15.3 22.9#

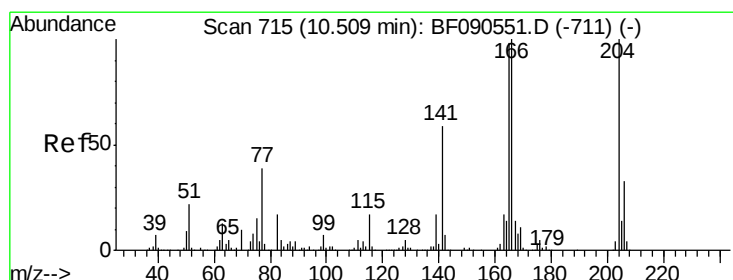
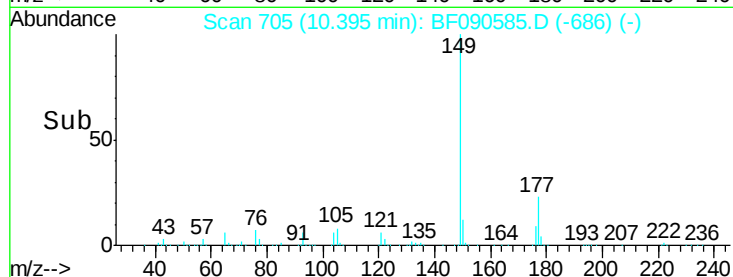
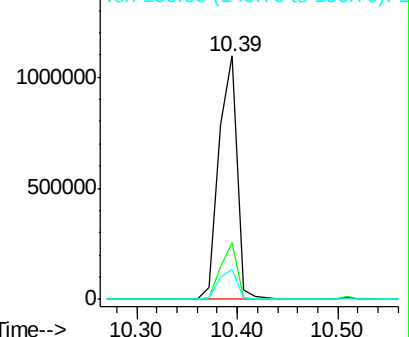
150 12.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.08 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

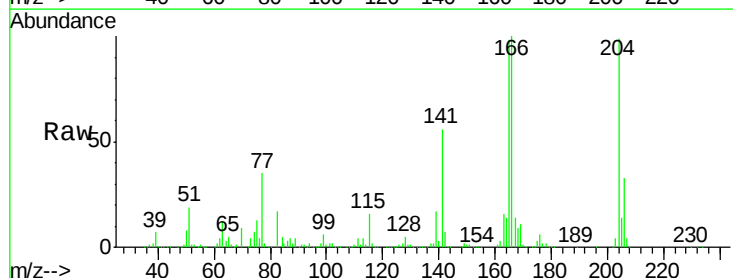
Tgt Ion:204 Resp: 629499

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

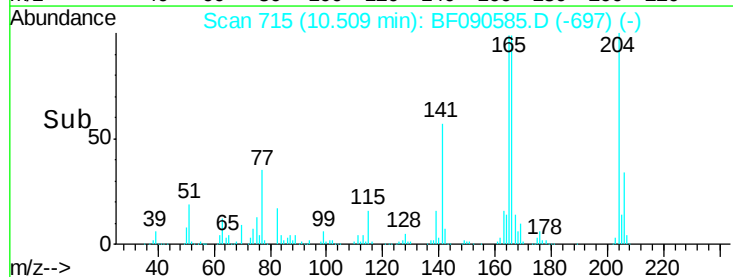
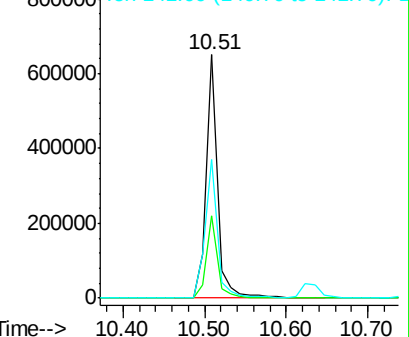
141 56.8 47.2 70.8

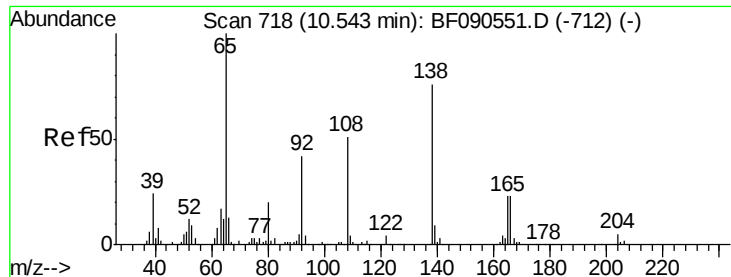


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.99 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

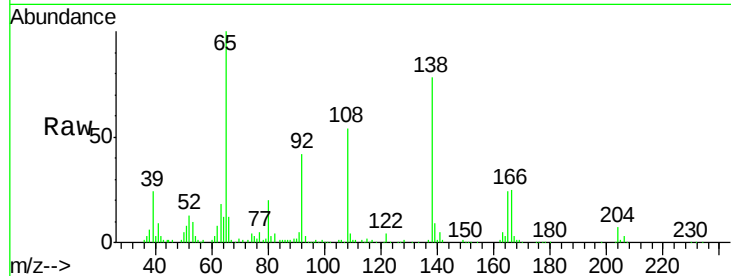
Tgt Ion:138 Resp: 281126

Ion Ratio Lower Upper

138 100

92 53.6 35.7 75.7

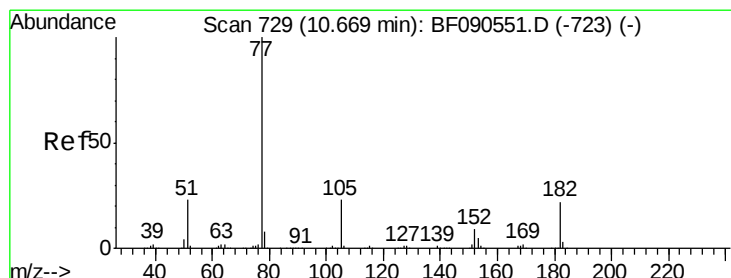
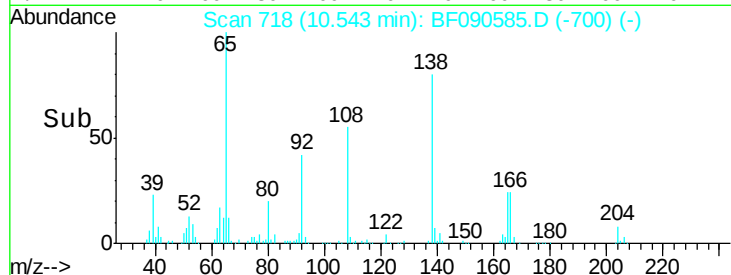
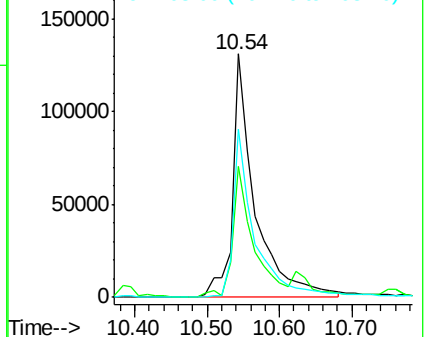
108 68.8 46.9 86.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 54.82 ng

RT: 10.67 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Tgt Ion: 77 Resp: 1641877

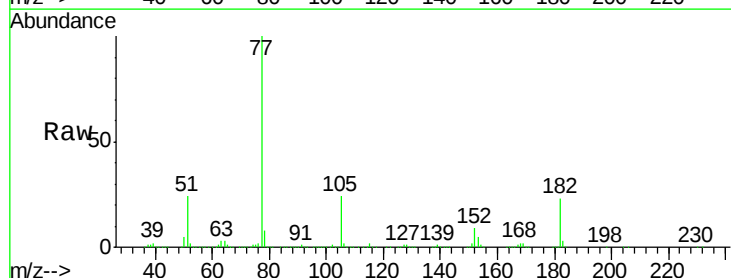
Ion Ratio Lower Upper

77 100

182 23.2 2.2 42.2

105 24.4 3.5 43.5

51 24.4 3.7 43.7

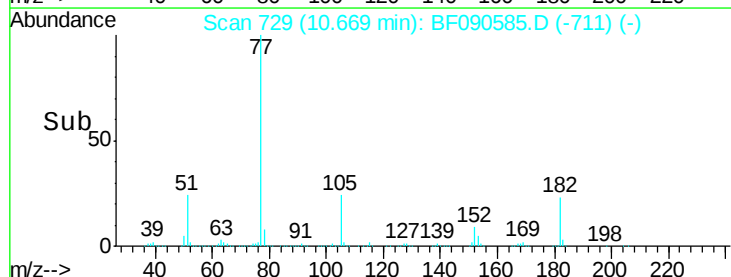
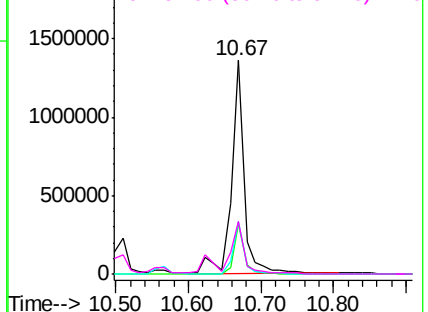


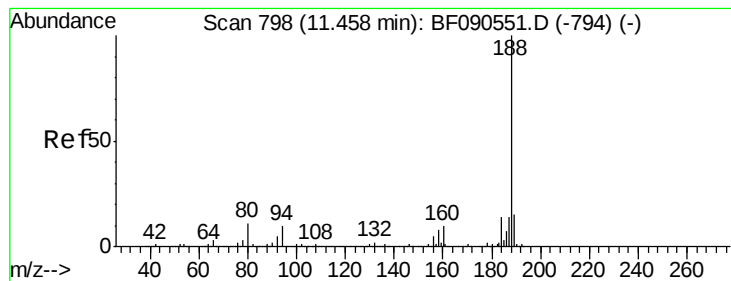
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

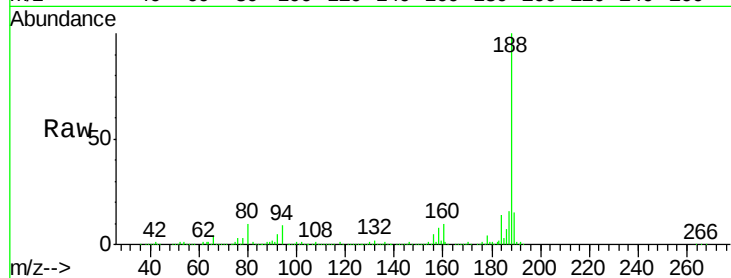
Tgt Ion:188 Resp: 585916

Ion Ratio Lower Upper

188 100

94 9.4 7.7 11.5

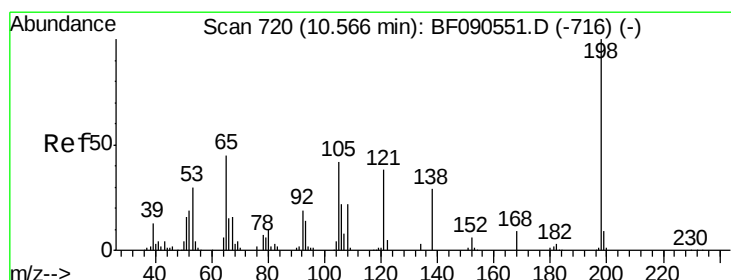
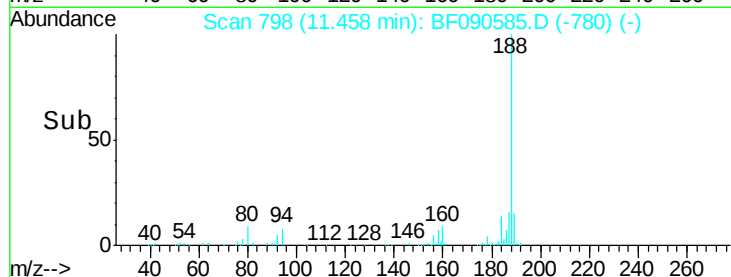
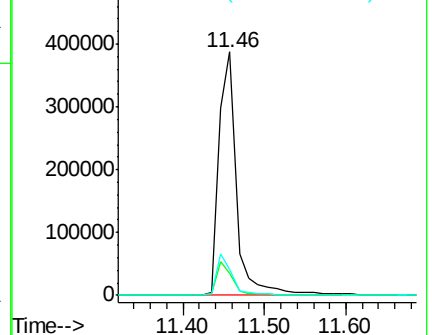
80 10.4 8.6 12.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 36.69 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

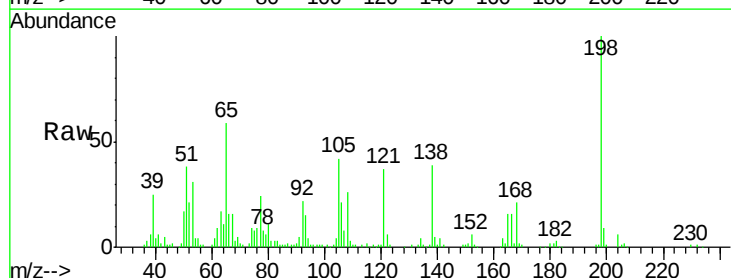
Tgt Ion:198 Resp: 130098

Ion Ratio Lower Upper

198 100

51 38.2 19.7 59.7

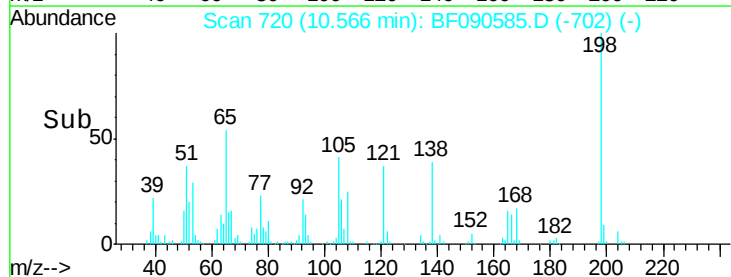
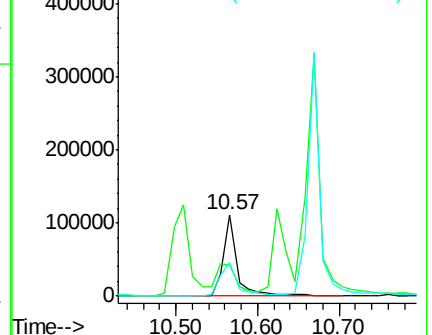
105 41.9 22.6 62.6

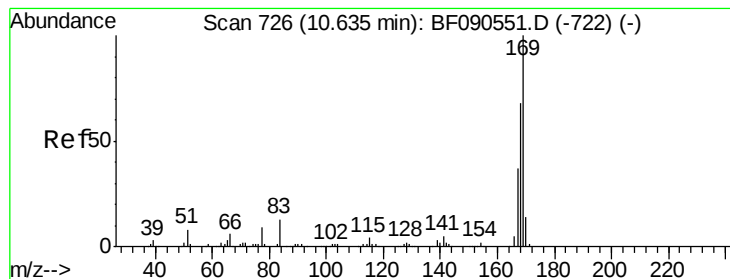


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.36 ng

RT: 10.63 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

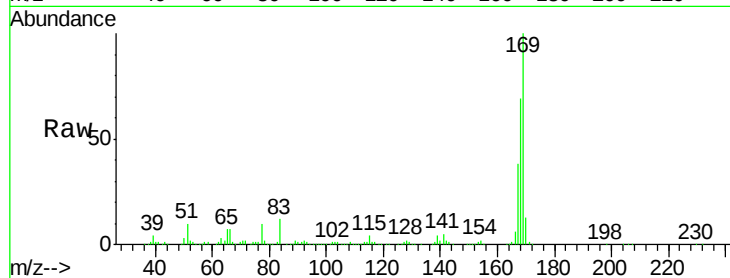
Tgt Ion:169 Resp: 1032778

Ion Ratio Lower Upper

169 100

168 69.3 54.6 81.8

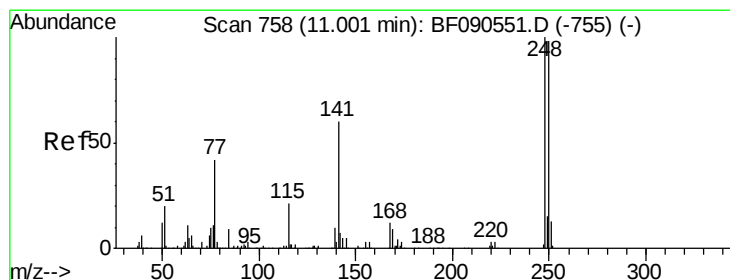
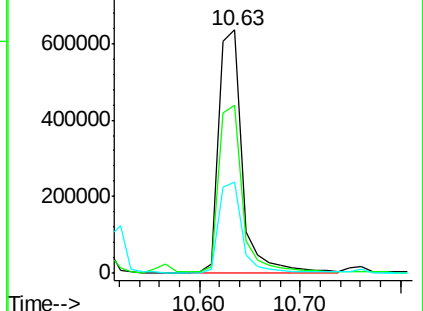
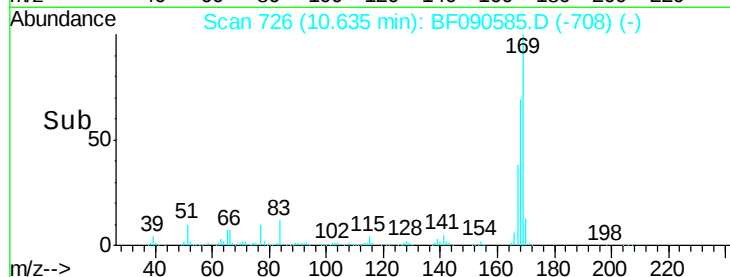
167 37.8 29.8 44.8



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: 54.35 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

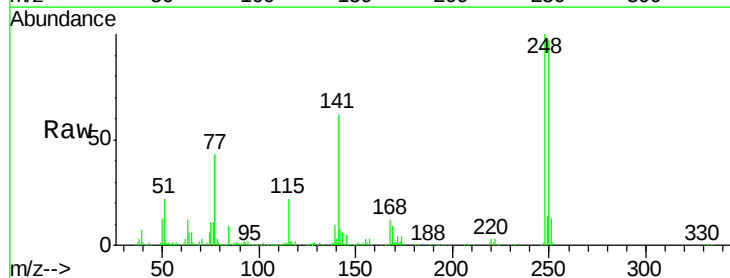
Tgt Ion:248 Resp: 341719

Ion Ratio Lower Upper

248 100

250 97.1 78.4 117.6

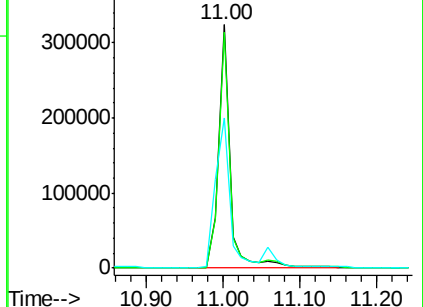
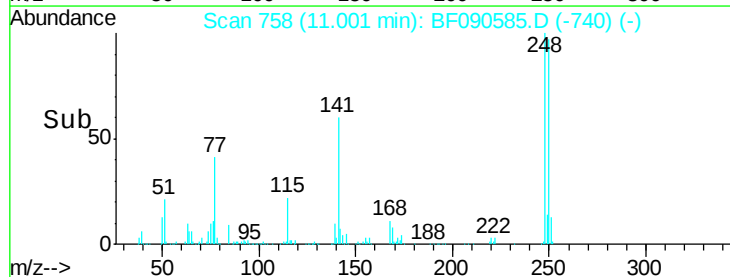
141 61.7 48.4 72.6

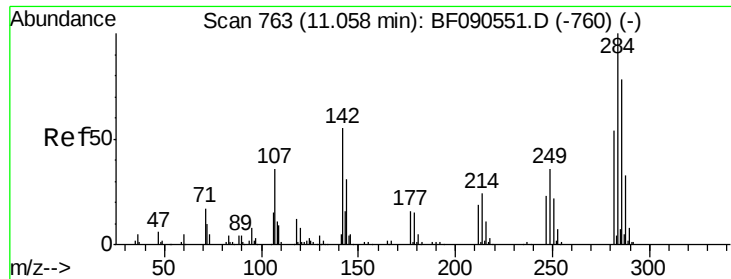


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.83 ng

RT: 11.07 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

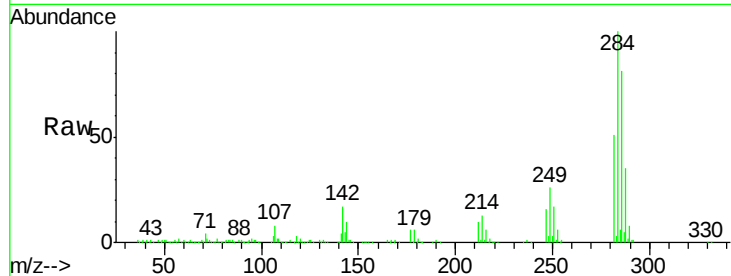
Tgt Ion:284 Resp: 340121

Ion Ratio Lower Upper

284 100

142 16.8 44.5 66.7#

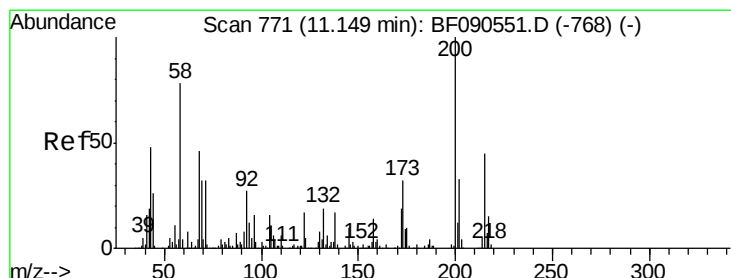
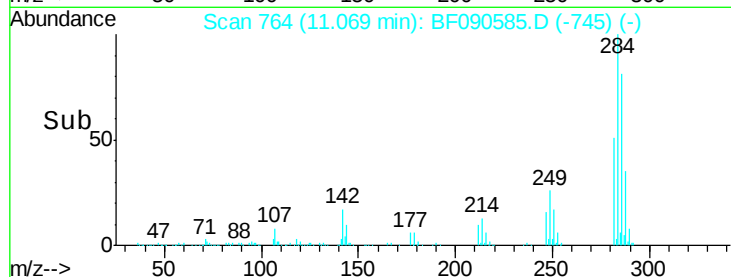
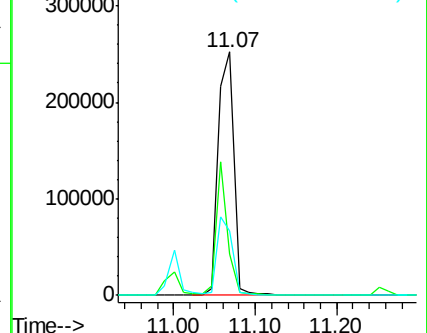
249 26.4 29.6 44.4#



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: 55.28 ng

RT: 11.16 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

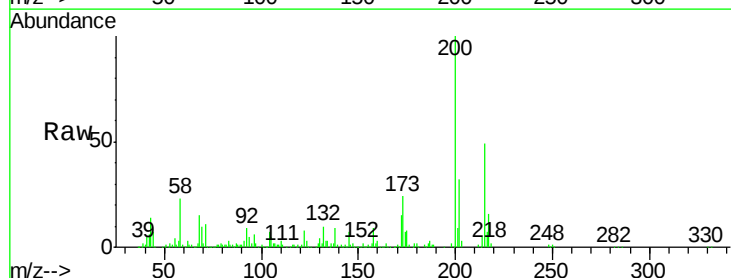
Tgt Ion:200 Resp: 295897

Ion Ratio Lower Upper

200 100

173 24.2 12.0 52.0

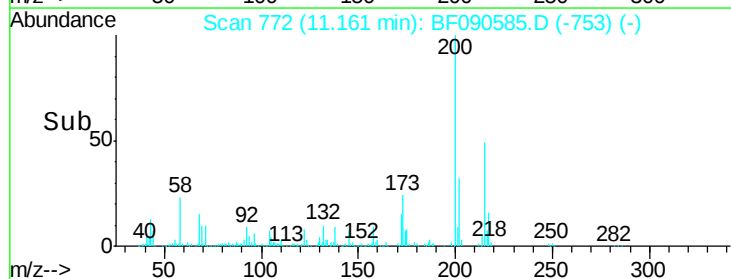
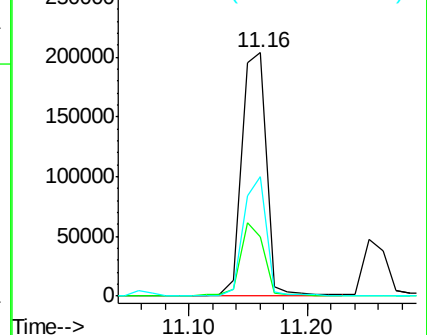
215 49.3 25.2 65.2

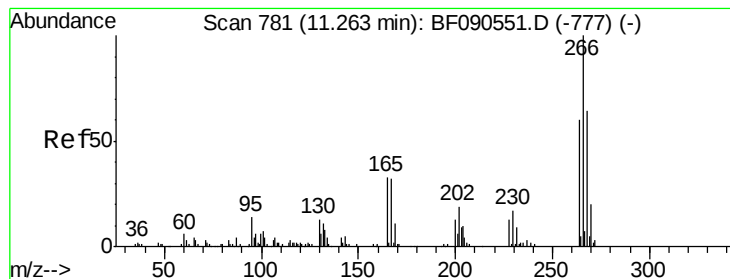


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 101.67 ng

RT: 11.26 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

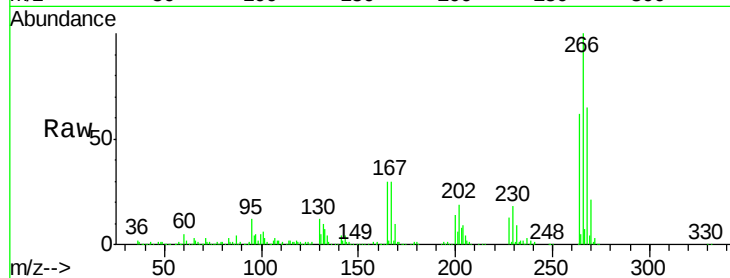
Tgt Ion:266 Resp: 343956

Ion Ratio Lower Upper

266 100

268 64.7 51.5 77.3

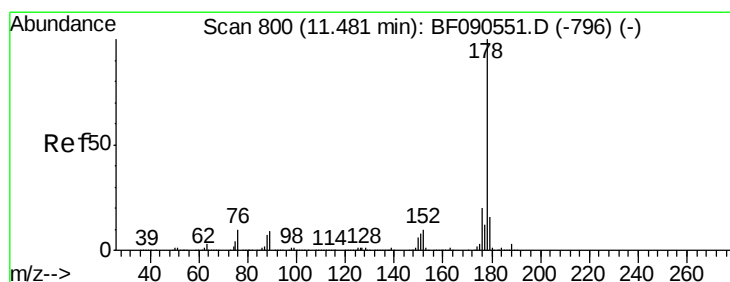
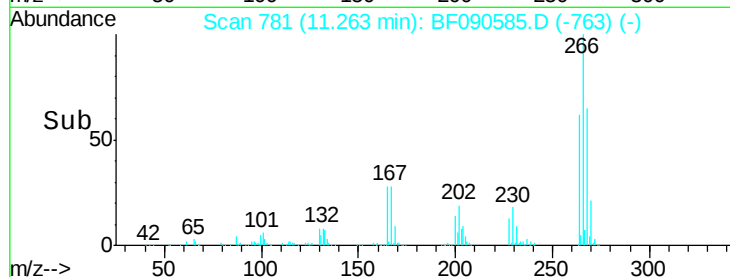
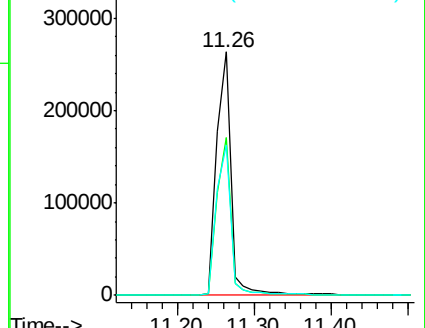
264 61.9 47.9 71.9



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: 50.86 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

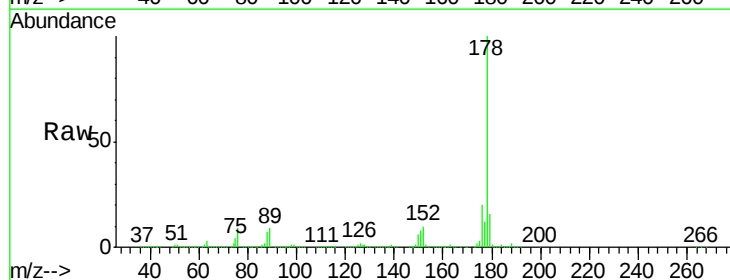
Tgt Ion:178 Resp: 1590715

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

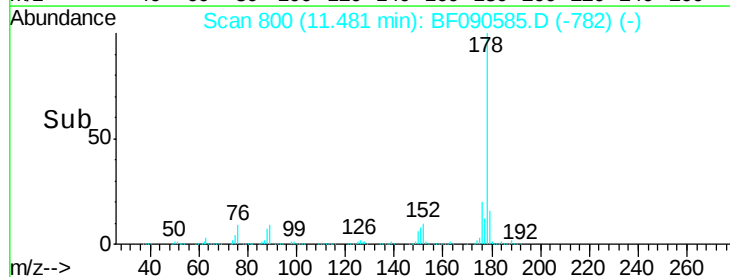
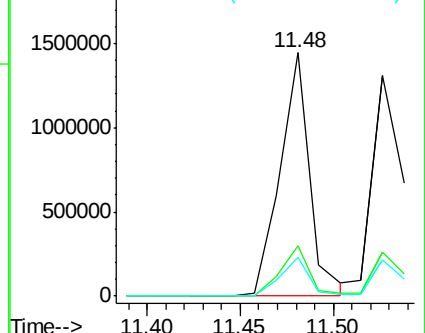
179 16.2 12.6 19.0

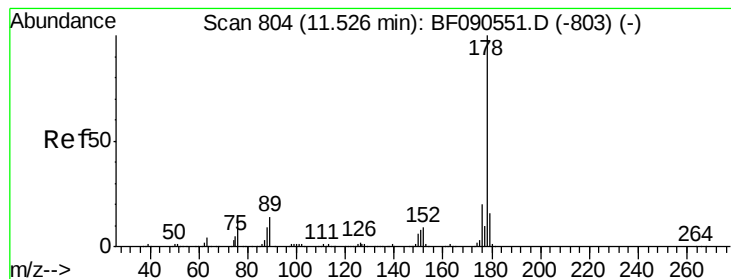


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 50.08 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

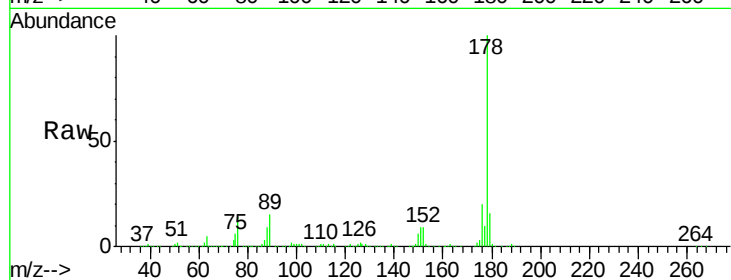
Tgt Ion:178 Resp: 1685677

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

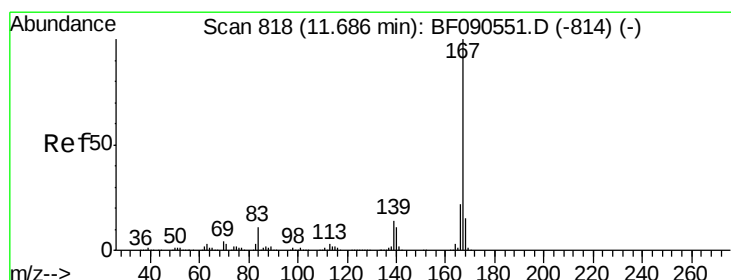
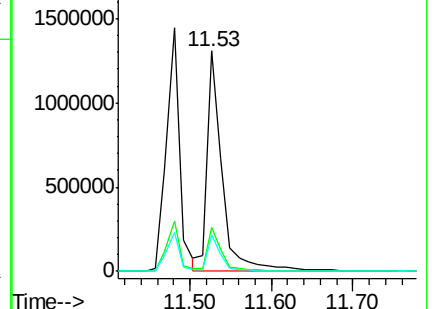
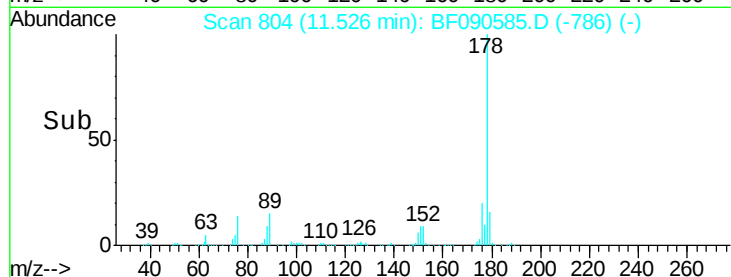
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.79 ng

RT: 11.69 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

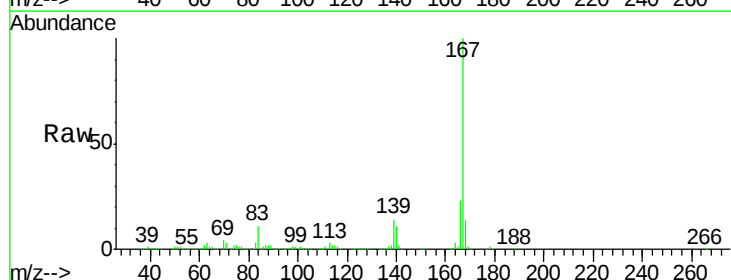
Tgt Ion:167 Resp: 1470249

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

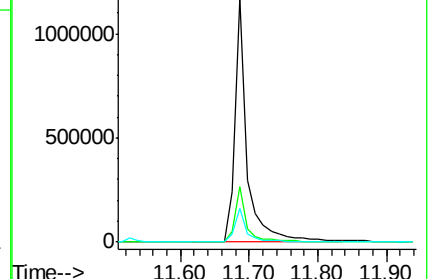
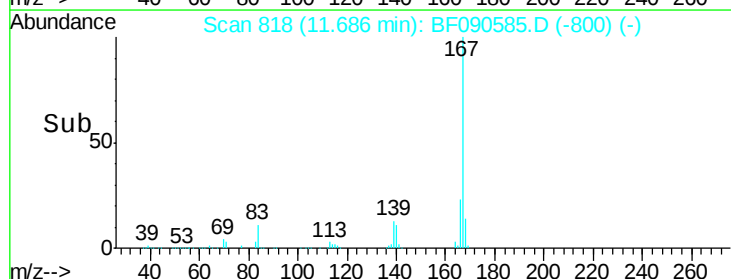
139 14.1 11.3 16.9

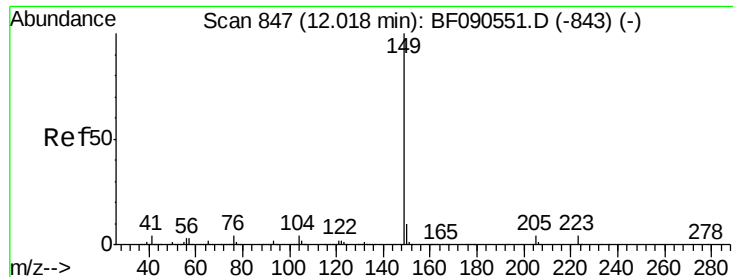


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.16 ng

RT: 12.02 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

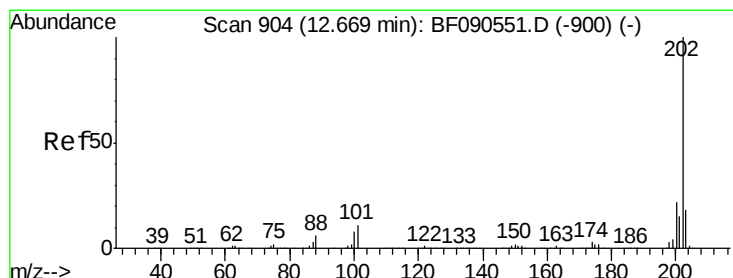
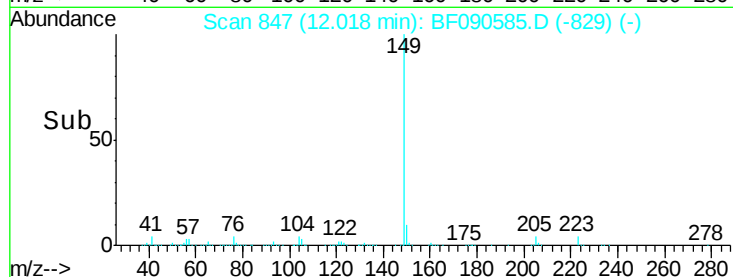
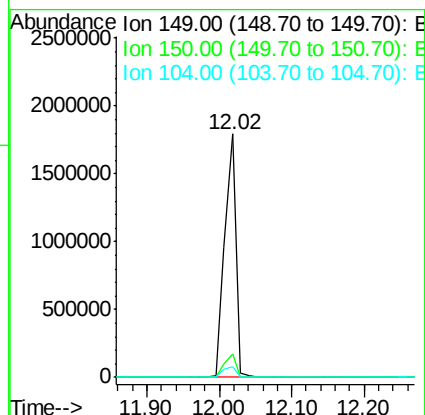
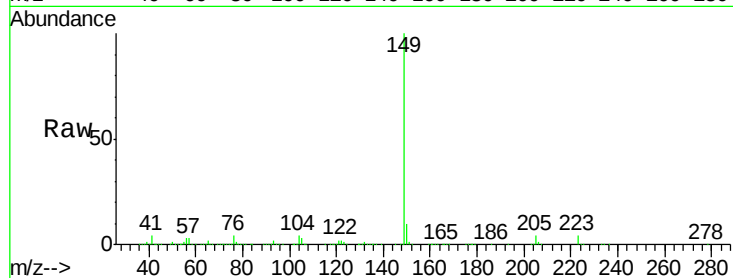
Tgt Ion:149 Resp: 1947374

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

104 4.3 3.3 4.9



#74

Fluoranthene

Concen: 41.29 ng

RT: 12.67 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

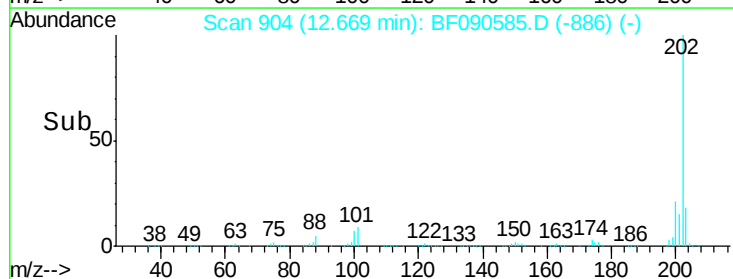
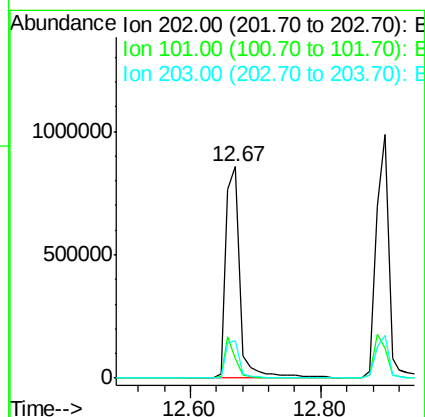
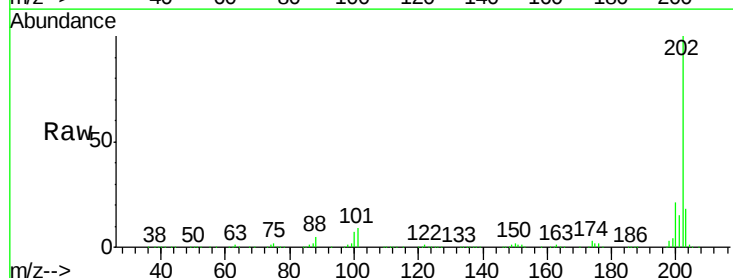
Tgt Ion:202 Resp: 1299038

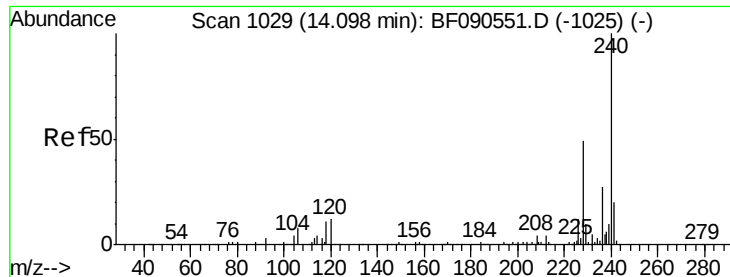
Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.1

203 17.5 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

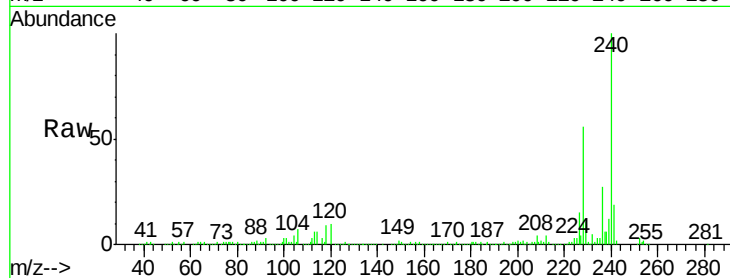
Tgt Ion:240 Resp: 366384

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

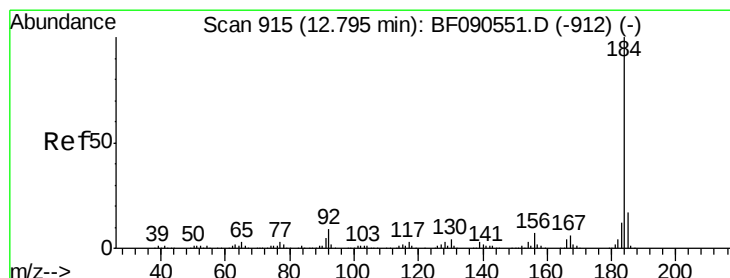
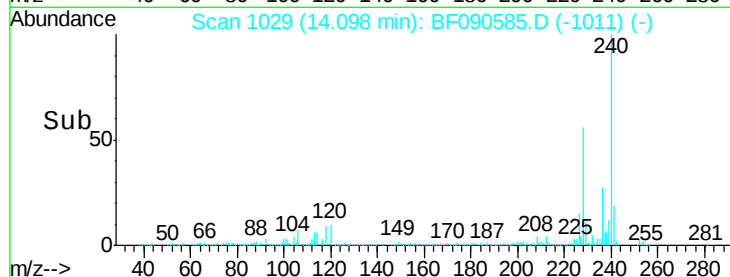
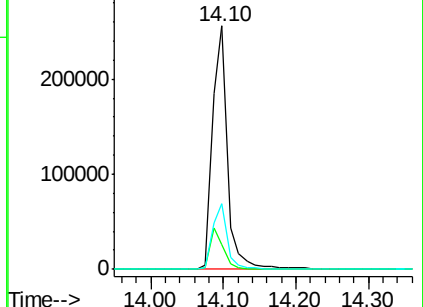
236 26.9 21.7 32.5



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: 27.85 ng

RT: 12.80 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

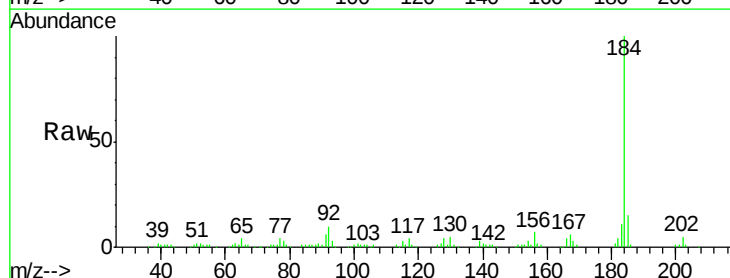
Tgt Ion:184 Resp: 253849

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

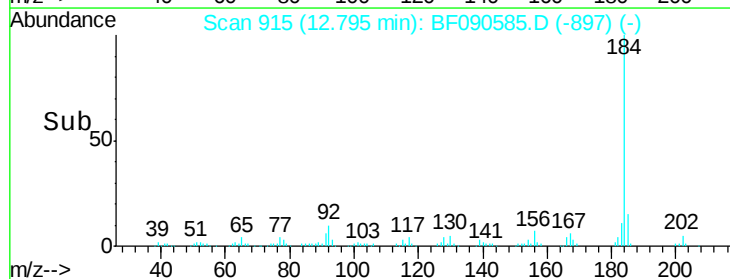
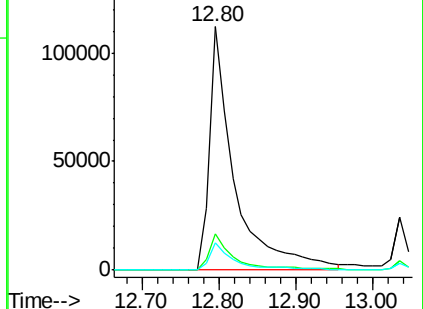
183 11.2 9.4 14.0

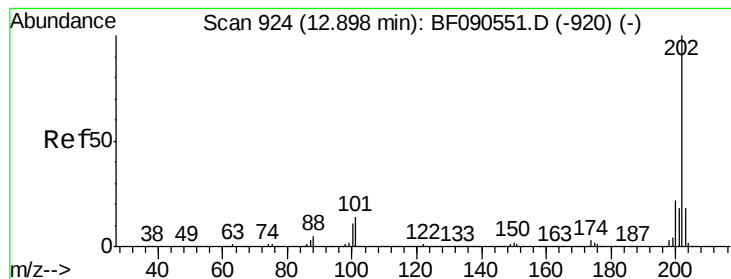


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 53.34 ng

RT: 12.90 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

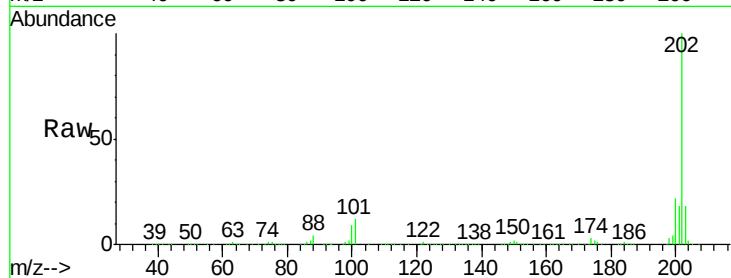
BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tgt Ion:202 Resp: 1294440

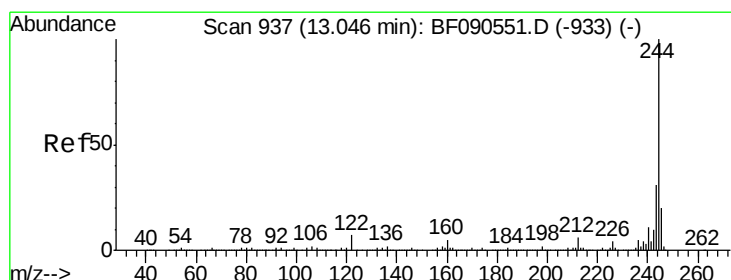
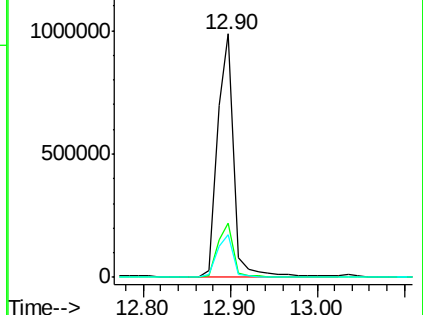
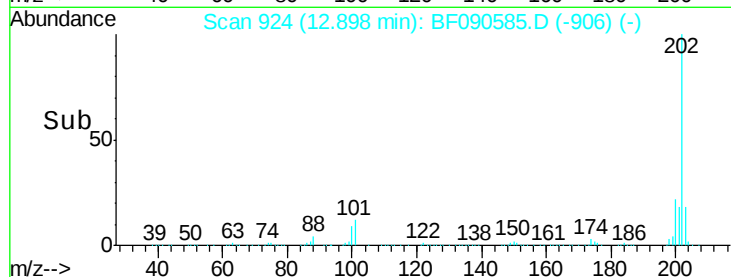
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	17.6	14.6	21.8



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: 110.24 ng

RT: 13.04 min Scan# 936

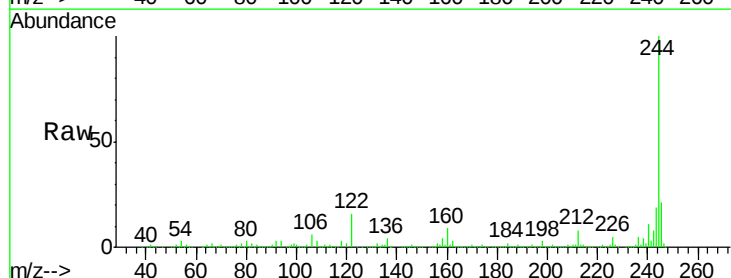
Delta R.T. -0.01 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Tgt Ion:244 Resp: 1734615

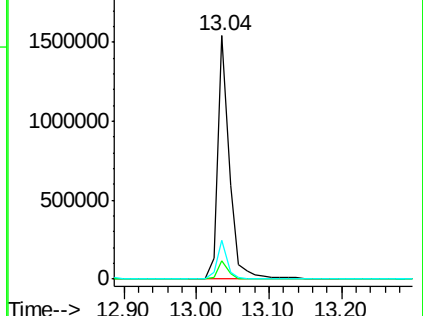
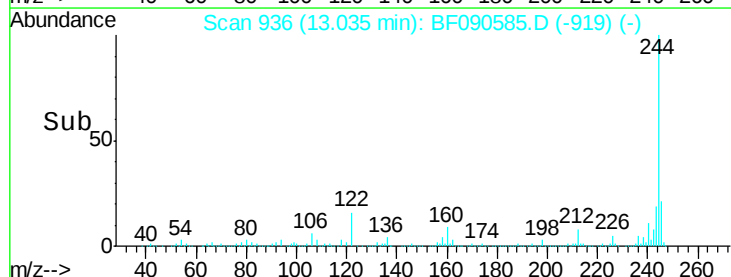
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.0	7.4#
122	16.0	5.6	8.4#

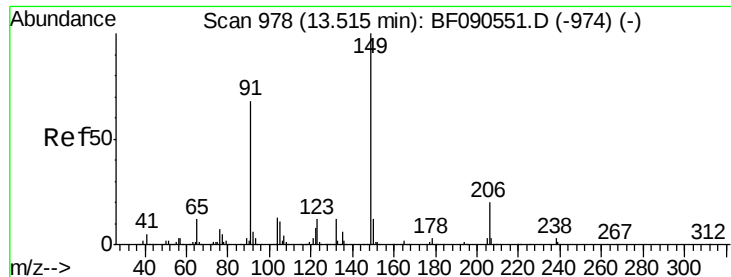


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

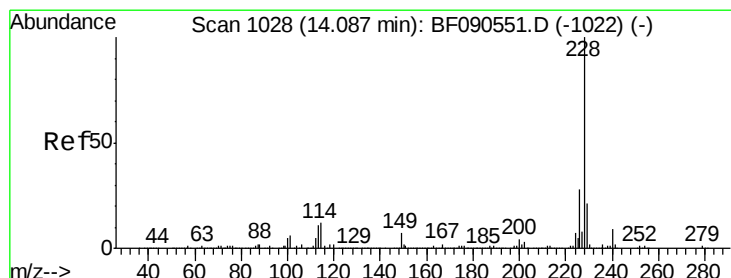
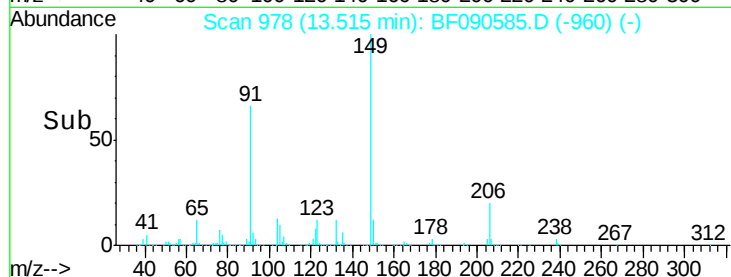
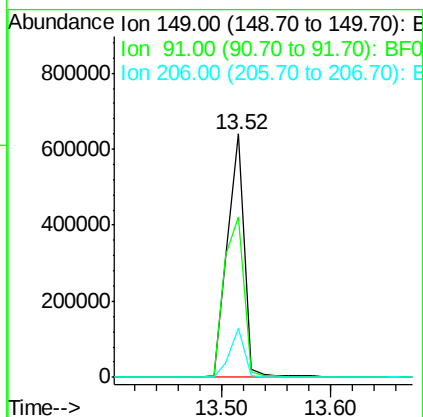
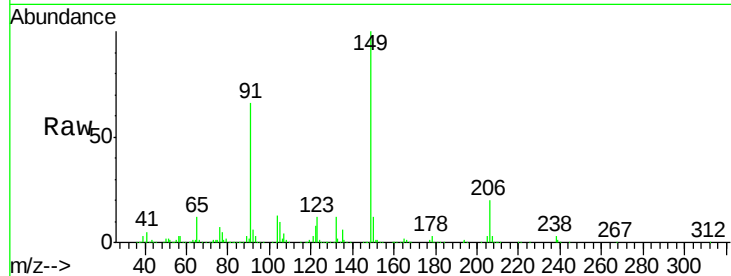




#79
Butylbenzylphthalate
Concen: 64.04 ng
RT: 13.52 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

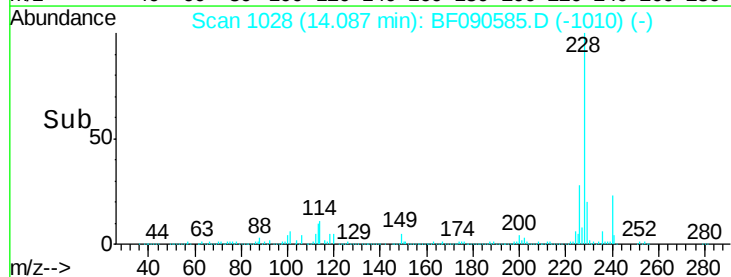
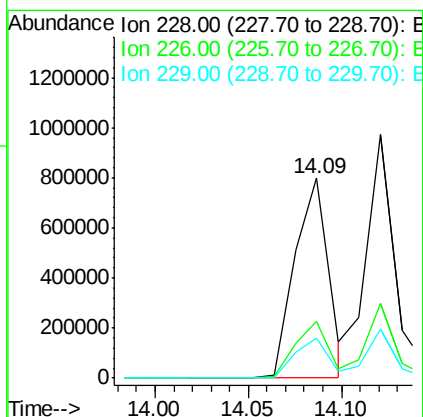
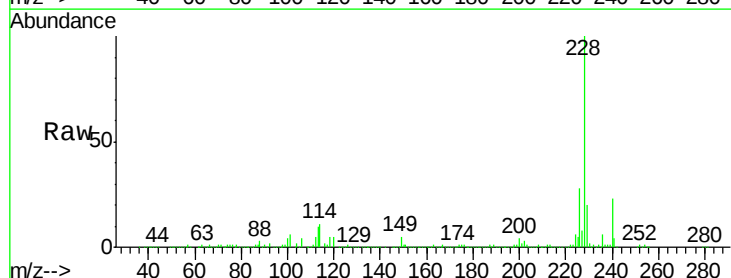
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

Tgt Ion:149 Resp: 688473
Ion Ratio Lower Upper
149 100
91 65.9 54.3 81.5
206 20.3 15.8 23.6



#80
Benzo(a)anthracene
Concen: 48.31 ng
RT: 14.09 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

Tgt Ion:228 Resp: 1007602
Ion Ratio Lower Upper
228 100
226 28.2 22.8 34.2
229 20.2 16.6 25.0

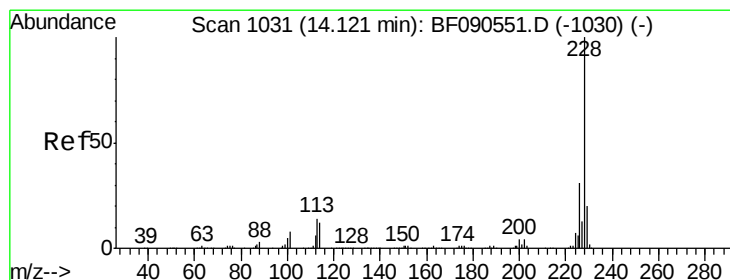
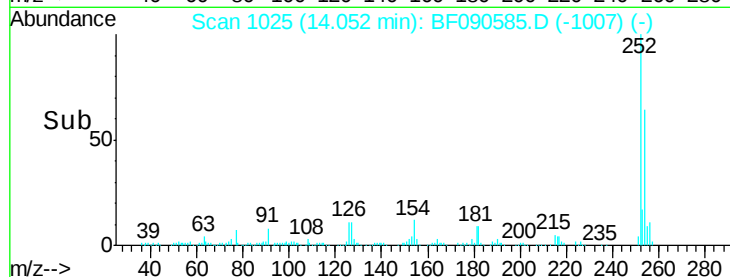
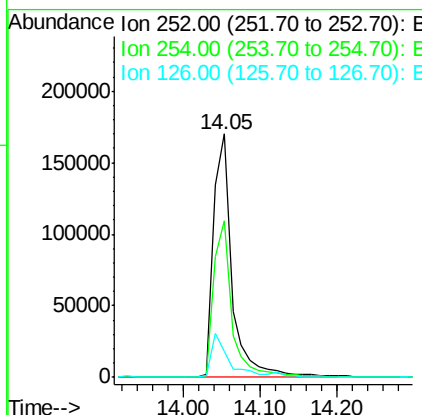
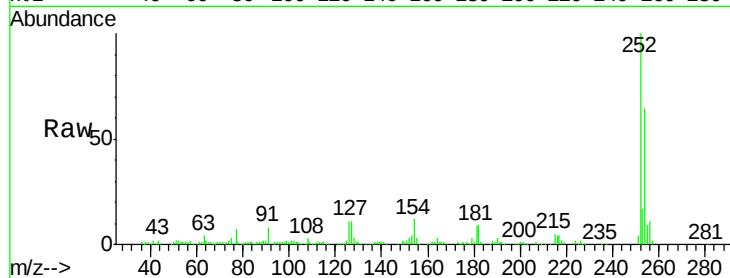




#81
 3,3'-Dichlorobenzidine
 Concen: 40.19 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

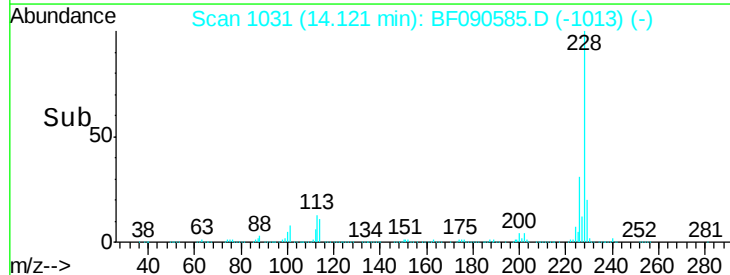
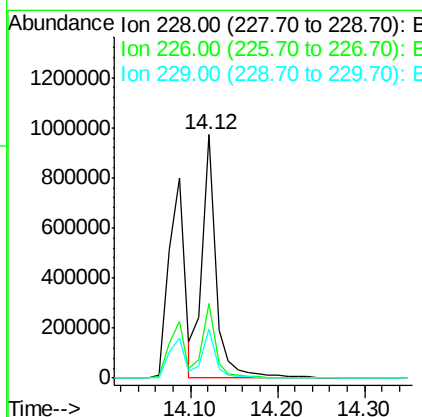
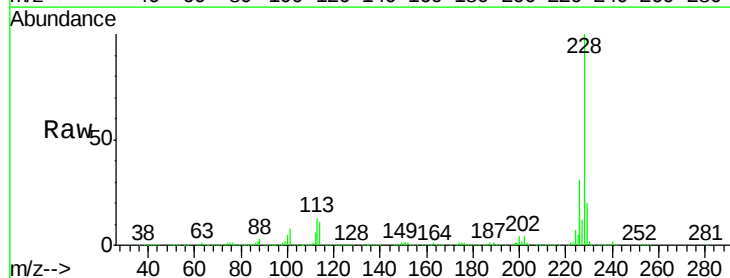
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

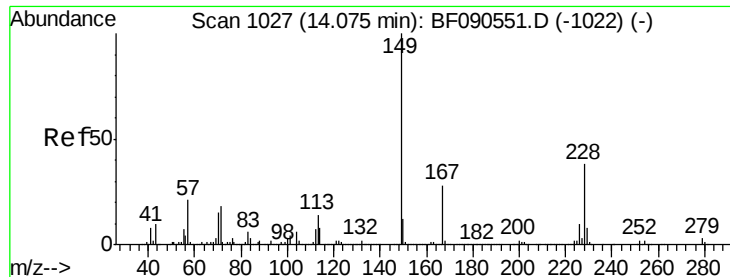
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.9	9.3	13.9



#82
 Chrysene
 Concen: 53.53 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 69.97 ng

RT: 14.08 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

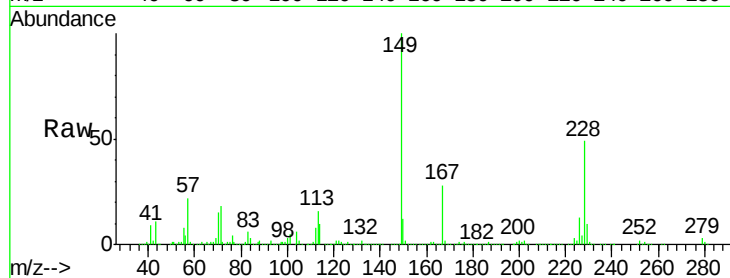
Tgt Ion:149 Resp: 1014882

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

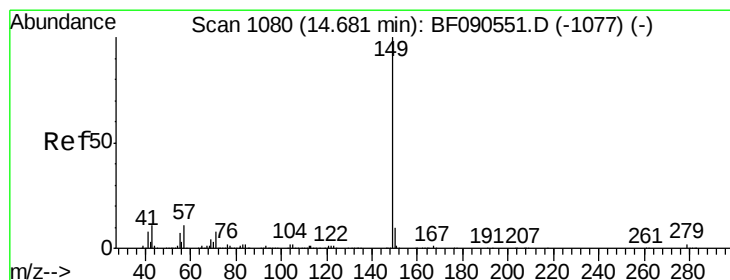
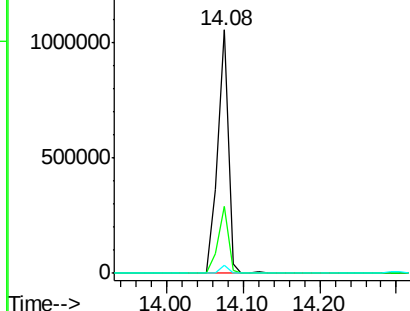
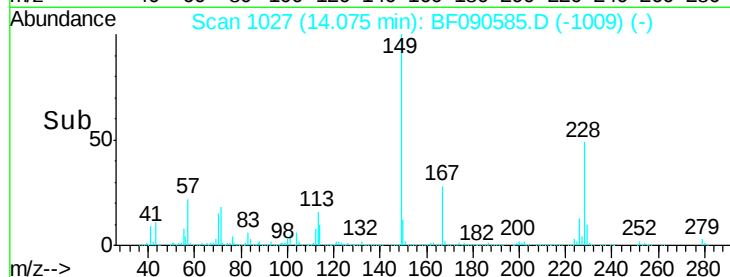
279 3.3 2.6 4.0



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: 70.35 ng

RT: 14.68 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

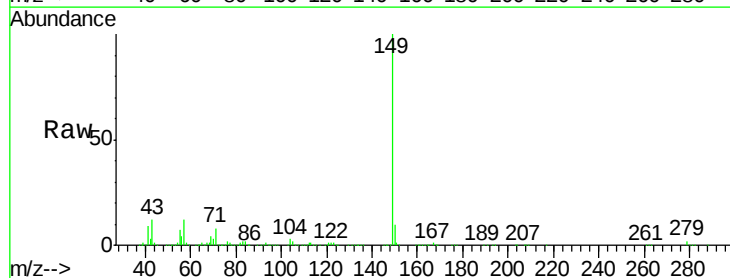
Tgt Ion:149 Resp: 1368039

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

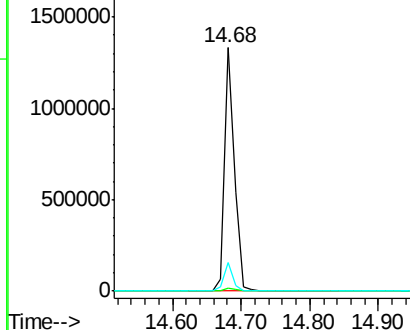
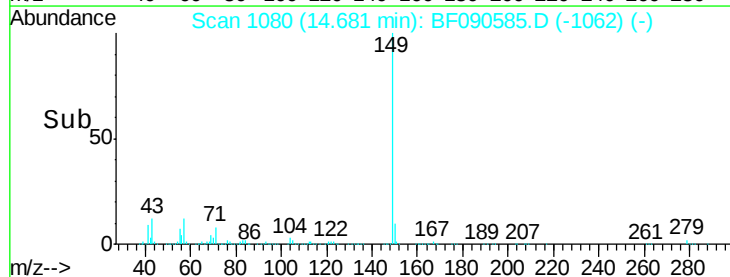
43 10.7 6.7 10.1#

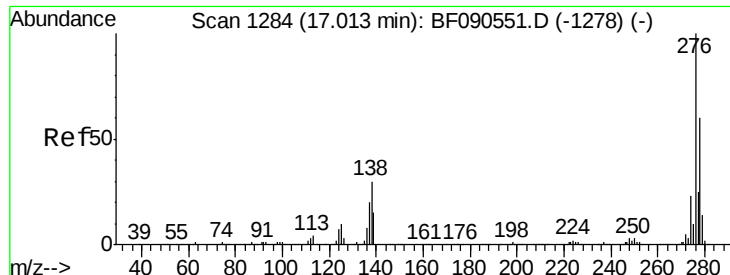


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

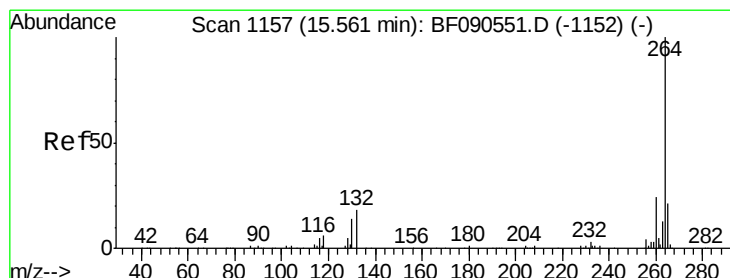
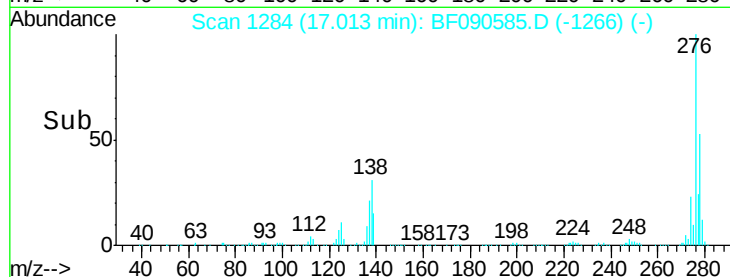
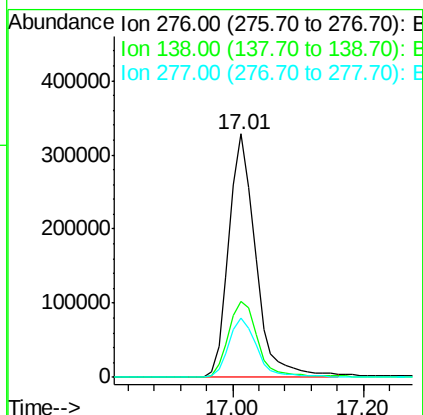
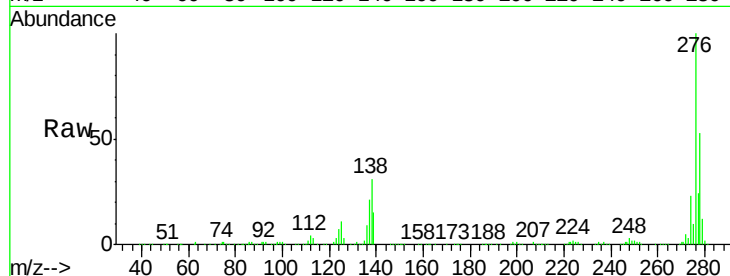




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 80.97 ng
 RT: 17.01 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

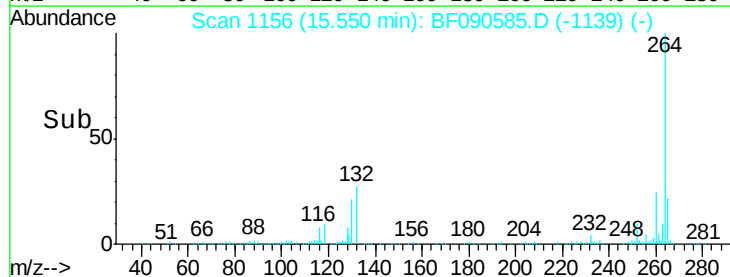
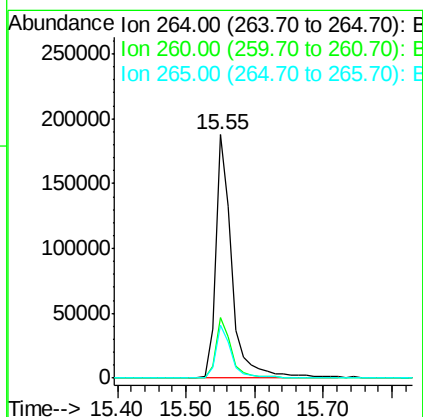
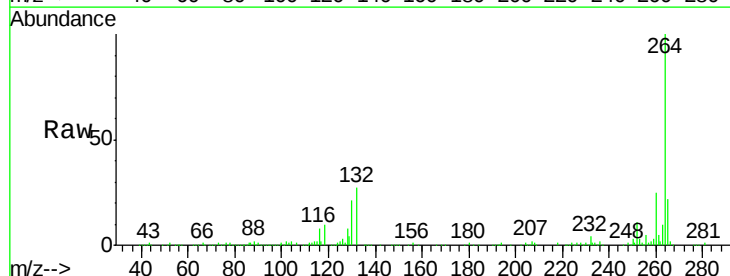
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

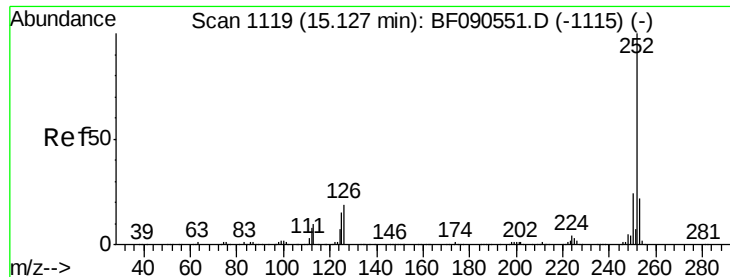
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.8	38.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090585.D
 Acq: 15 Oct 2016 4:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.6	16.7	25.1

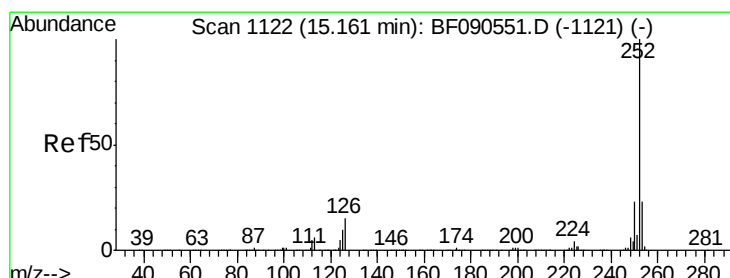
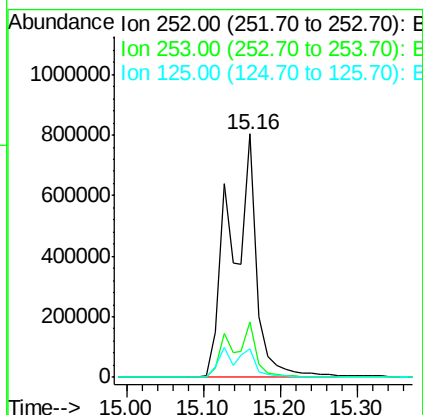
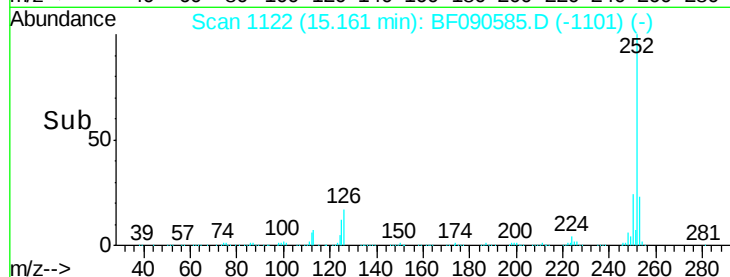
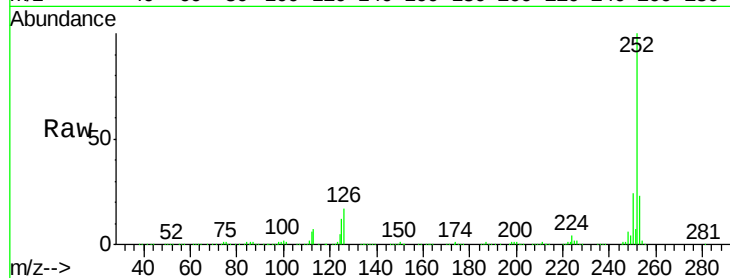




#87
Benzo(b)fluoranthene
Concen: 93.15 ng
RT: 15.16 min Scan# 1122
Delta R.T. 0.03 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

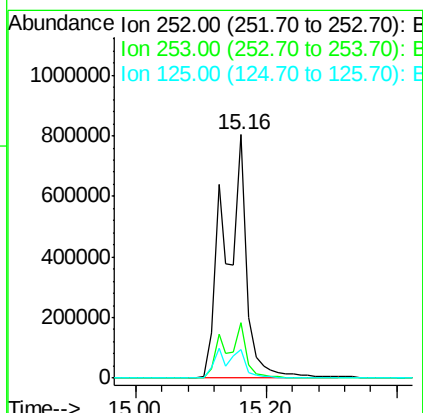
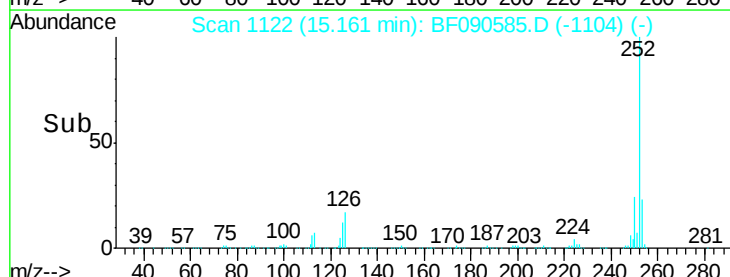
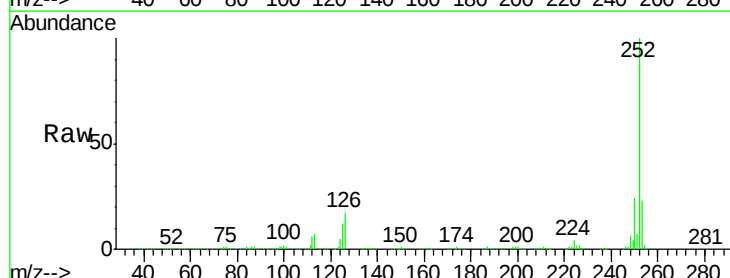
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

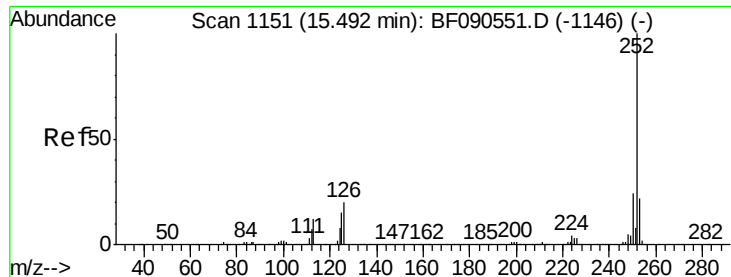
Tgt Ion:252 Resp: 1893278
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.8 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 87.12 ng
RT: 15.16 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF090585.D
Acq: 15 Oct 2016 4:26

Tgt Ion:252 Resp: 1905195
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.8 10.0 15.0





#89

Benzo(a)pyrene

Concen: 48.11 ng

RT: 15.49 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

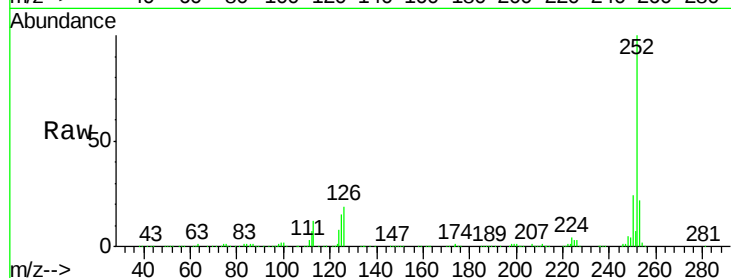
Tgt Ion: 252 Resp: 895269

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

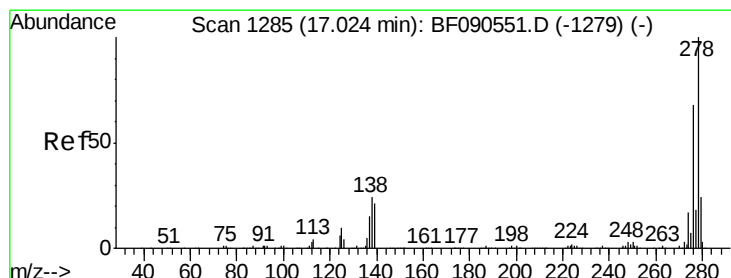
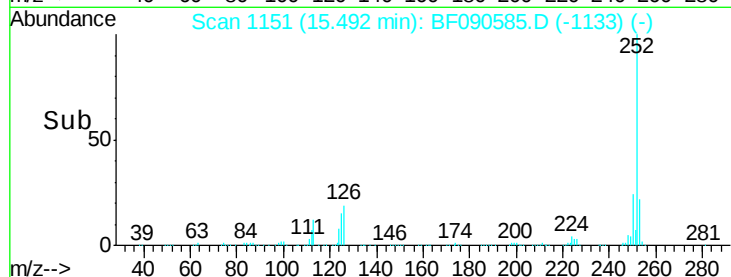
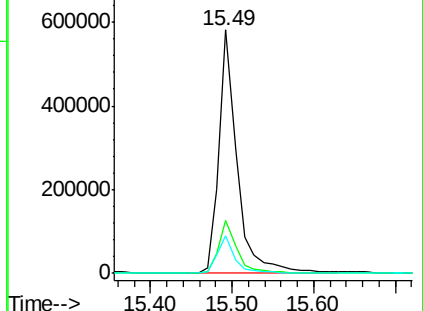
125 15.2 12.3 18.5



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: 57.80 ng

RT: 17.02 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF090585.D

Acq: 15 Oct 2016 4:26

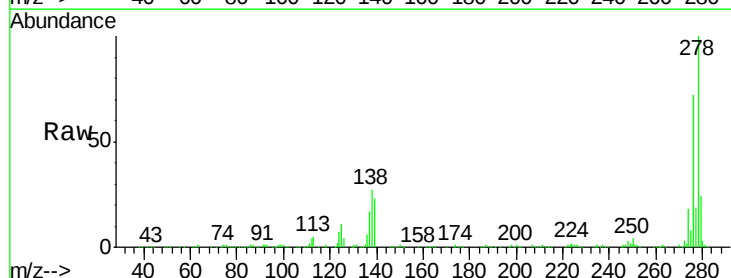
Tgt Ion: 278 Resp: 820266

Ion Ratio Lower Upper

278 100

139 23.1 16.6 25.0

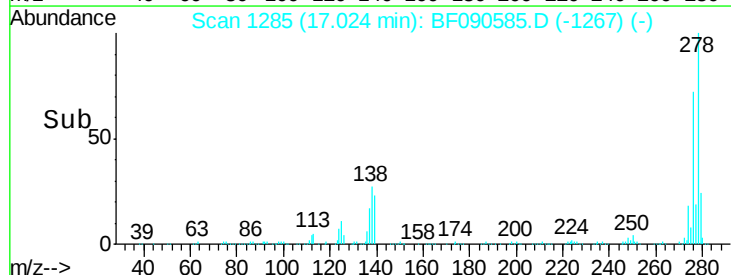
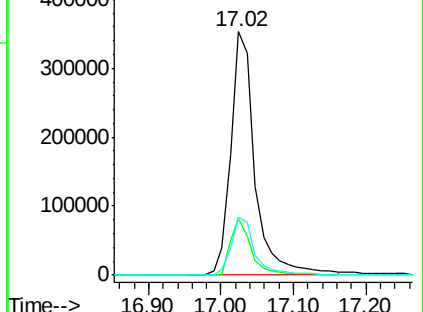
279 24.1 19.1 28.7

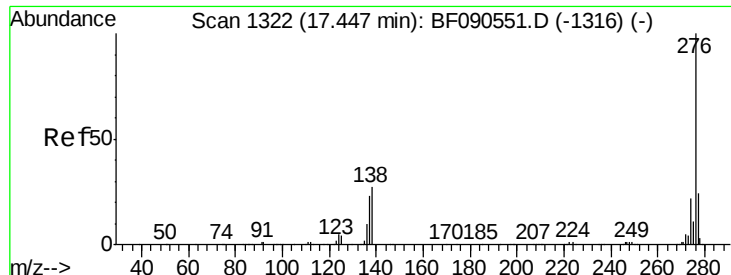


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.50 ng

RT: 17.45 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF090585.D

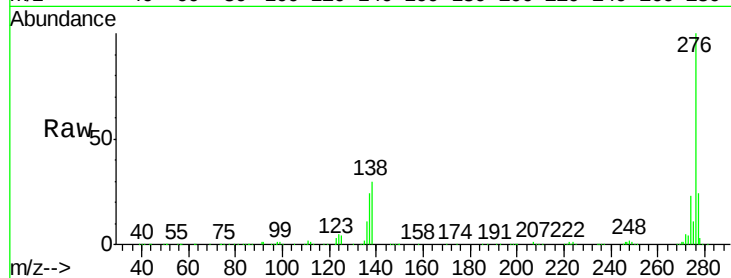
Acq: 15 Oct 2016 4:26

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS



Tgt Ion: 276 Resp: 696786

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 29.6 21.8 32.8

