

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081351.D
 Acq On : 2 Sep 2015 16:32
 Operator : UM/IZ
 Sample : G3492-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Quant Time: Sep 02 23:03:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	56755	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	220690	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	97397	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	196633	20.00	ng	0.00
75) Chrysene-d12	13.50	240	162208	20.00	ng	0.00
86) Perylene-d12	14.80	264	117662	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	379958	103.87	ng	0.01
7) Phenol-d6	6.06	99	533390	110.16	ng	0.00
23) Nitrobenzene-d5	6.97	82	357253	78.10	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	106839	123.20	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	575405	75.71	ng	0.00
78) Terphenyl-d14	12.47	244	480526	68.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.79	88	43687	26.59	ng	# 89
3) Pyridine	2.35	79	68236	15.06	ng	# 92
4) n-Nitrosodimethylamine	2.30	42	79810	31.71	ng	# 76
6) Aniline	6.04	93	141566	20.70	ng	# 68
8) 2-Chlorophenol	6.17	128	134606	33.39	ng	# 85
9) Benzaldehyde	5.92	77	21469	7.08	ng	# 67
10) Phenol	6.07	94	208468	37.13	ng	# 58
11) bis(2-Chloroethyl)ether	6.14	93	128399	31.69	ng	# 86
12) 1,3-Dichlorobenzene	6.32	146	124181	28.83	ng	# 86
13) 1,4-Dichlorobenzene	6.40	146	120400	27.46	ng	# 85
14) 1,2-Dichlorobenzene	6.56	146	124366	31.50	ng	# 91
15) Benzyl Alcohol	6.55	79	126213	31.77	ng	# 67
16) 2,2'-oxybis(1-Chloropropan	6.70	45	256885	33.08	ng	# 91
17) 2-Methylphenol	6.68	107	109664	34.10	ng	# 78
18) Hexachloroethane	6.90	117	48797	28.60	ng	# 80
19) n-Nitroso-di-n-propylamine	6.83	70	108985	33.07	ng	# 83
20) 3+4-Methylphenols	6.84	107	143760	33.15	ng	# 88
22) Acetophenone	6.81	105	193366	32.08	ng	# 73
24) Nitrobenzene	6.98	77	140848	29.65	ng	# 60
25) Isophorone	7.23	82	267443	31.43	ng	# 86
26) 2-Nitrophenol	7.30	139	63485	30.66	ng	# 34
27) 2,4-Dimethylphenol	7.37	122	113966	31.87	ng	# 81
28) bis(2-Chloroethoxy)methane	7.46	93	156662	31.88	ng	# 94
29) 2,4-Dichlorophenol	7.55	162	104778	33.79	ng	# 96
30) 1,2,4-Trichlorobenzene	7.62	180	101332	30.08	ng	# 96
31) Naphthalene	7.70	128	382205	32.47	ng	# 99
32) Benzoic acid	7.48	122	25238	11.90	ng	# 51
33) 4-Chloroaniline	7.76	127	93741	19.53	ng	# 78
34) Hexachlorobutadiene	7.83	225	64001	31.22	ng	# 97
35) Caprolactam	8.14	113	17633	18.54	ng	# 57
36) 4-Chloro-3-methylphenol	8.26	107	117148	33.75	ng	# 72
37) 2-Methylnaphthalene	8.39	142	227691	29.73	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	106899	34.71	ng	# 99
40) Hexachlorocyclopentadiene	8.55	237	100427	66.44	ng	# 96

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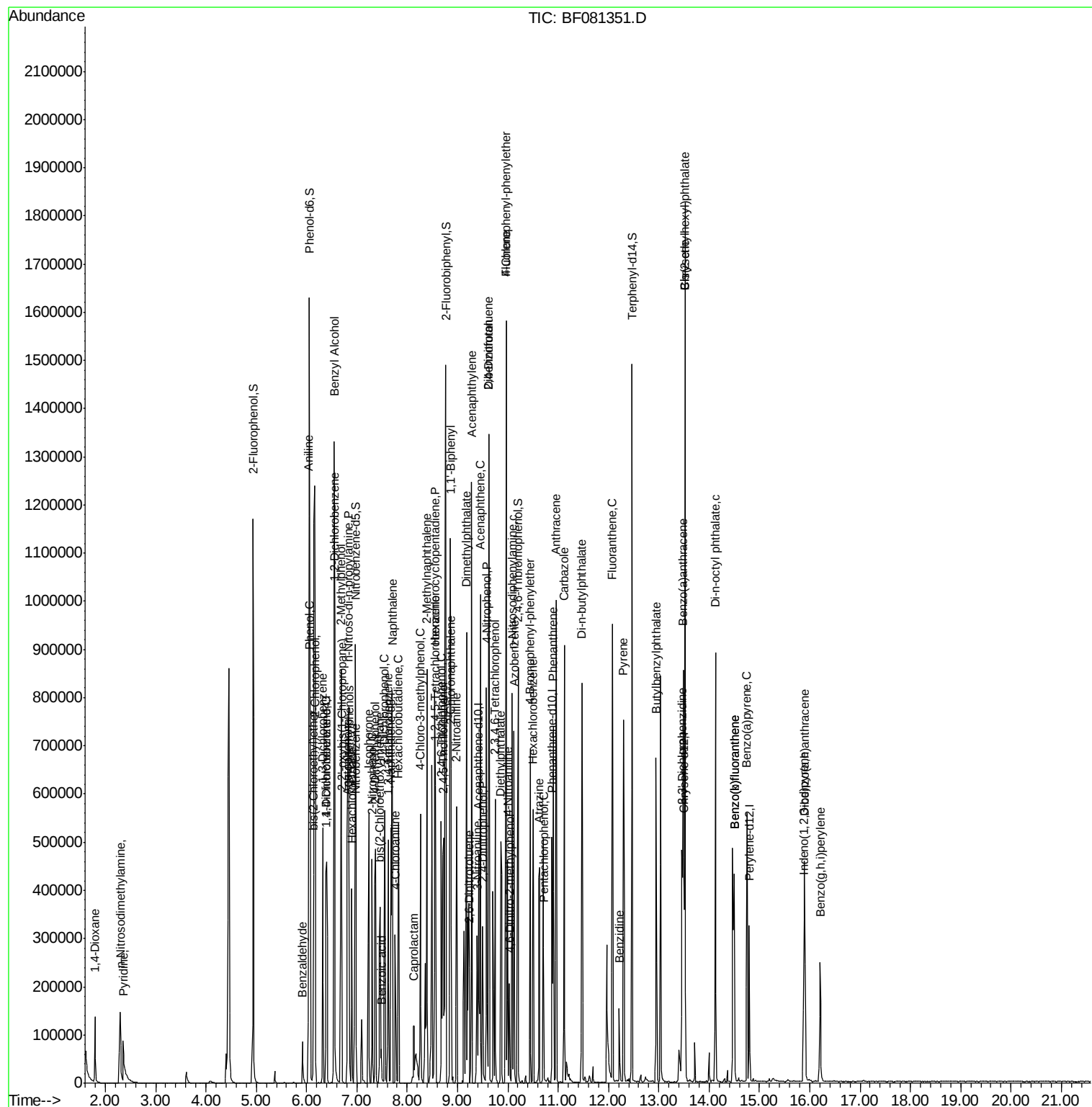
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	67169	31.60	nq	97
43) 2,4,5-Trichlorophenol	8.72	196	72065	33.23	nq	# 84
45) 1,1'-Biphenyl	8.86	154	301428	33.64	nq	97
46) 2-Chloronaphthalene	8.87	162	210882	32.59	nq	# 86
47) 2-Nitroaniline	8.98	65	103229	39.14	nq	# 66
48) Acenaphthylene	9.28	152	360607	31.41	nq	97
49) Dimethylphthalate	9.18	163	384003	50.75	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	53195	30.97	nq	94
51) Acenaphthene	9.45	154	205307	31.44	nq	90
52) 3-Nitroaniline	9.39	138	57504	29.41	nq	# 77
53) 2,4-Dinitrophenol	9.50	184	33050	45.69	nq	# 4
54) Dibenzofuran	9.62	168	325678	34.15	nq	# 85
55) 4-Nitrophenol	9.58	139	81613	66.44	nq	# 3
56) 2,4-Dinitrotoluene	9.62	165	68676	31.40	nq	# 1
57) Fluorene	9.96	166	261851	36.18	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	63927	38.61	nq	95
59) Diethylphthalate	9.86	149	275173	34.57	nq	# 93
60) 4-Chlorophenyl-phenylether	9.96	204	118111	35.02	nq	# 81
61) 4-Nitroaniline	10.00	138	64133	32.47	nq	# 24
62) Azobenzene	10.12	77	325099	36.74	nq	90
64) 4,6-Dinitro-2-methylphenol	10.03	198	33335	30.31	nq	# 75
65) n-Nitrosodiphenylamine	10.09	169	237895	33.25	nq	91
66) 4-Bromophenyl-phenylether	10.44	248	60983	30.67	nq	# 82
67) Hexachlorobenzene	10.50	284	68558	32.98	nq	# 91
68) Atrazine	10.63	200	76018	36.71	nq	82
69) Pentachlorophenol	10.71	266	61441	62.82	nq	98
70) Phenanthrene	10.90	178	339927	31.10	nq	98
71) Anthracene	10.96	178	379468	33.79	nq	98
72) Carbazole	11.12	167	331579	31.46	nq	96
73) Di-n-butylphthalate	11.47	149	395507	31.78	nq	# 98
74) Fluoranthene	12.08	202	383434	32.40	nq	89
76) Benzidine	12.22	184	60534	8.69	nq	98
77) Pyrene	12.30	202	372800	31.03	nq	98
79) Butylbenzylphthalate	12.95	149	162060	31.01	nq	# 65
80) Benzo(a)anthracene	13.49	228	313788	30.38	nq	98
81) 3,3'-Dichlorobenzidine	13.46	252	89602	25.71	nq	# 94
82) Chrysene	13.52	228	294187	31.77	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	240847	34.93	nq	# 89
84) Di-n-octyl phthalate	14.13	149	386972	34.08	nq	96
85) Indeno(1,2,3-cd)pyrene	15.89	276	217693	32.04	nq	# 87
87) Benzo(b)fluoranthene	14.50	252	492629	58.64	nq	# 82
88) Benzo(k)fluoranthene	14.50	252	492629	70.68	nq	# 83
89) Benzo(a)pyrene	14.75	252	230969	32.45	nq	# 86
90) Dibenzo(a,h)anthracene	15.90	278	181325	32.97	nq	# 84
91) Benzo(g,h,i)perylene	16.21	276	177114	33.74	nq	# 77

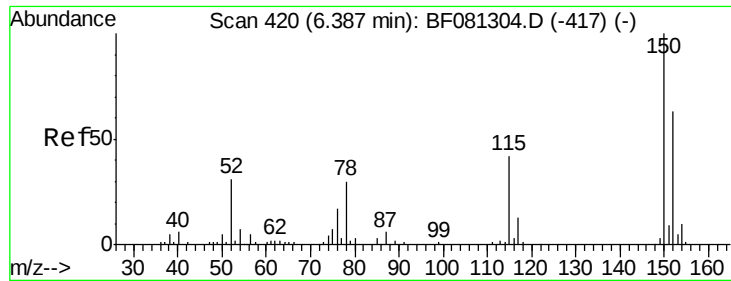
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

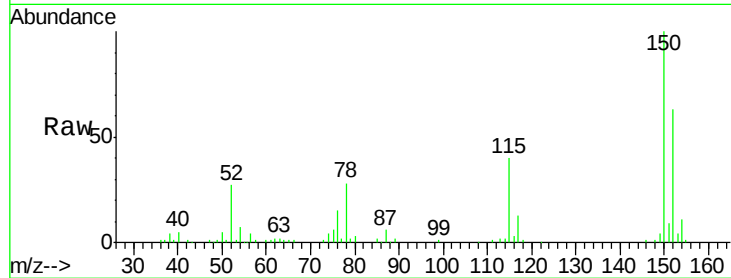
Tot Ion:152 Resp: 56755

Ion Ratio Lower Upper

152 100

150 157.8 124.7 187.1

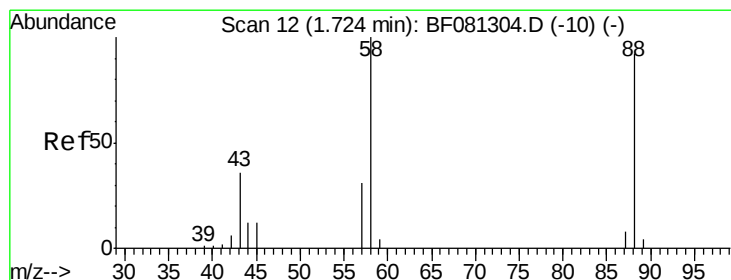
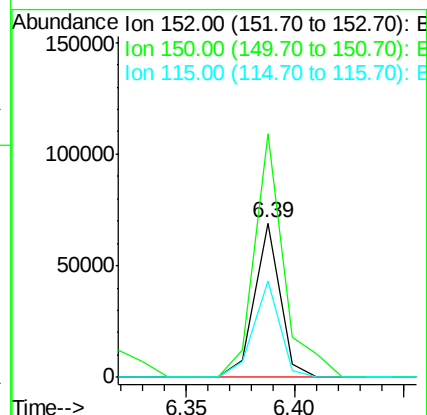
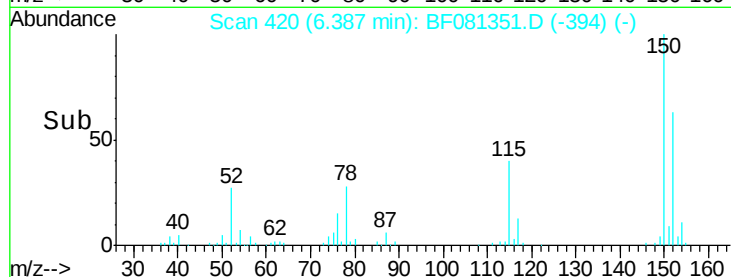
115 62.8 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.59 ng

RT: 1.79 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

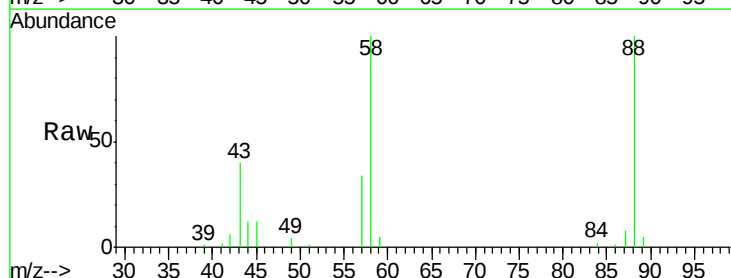
Tgt Ion: 88 Resp: 43687

Ion Ratio Lower Upper

88 100

58 102.9 77.7 116.5

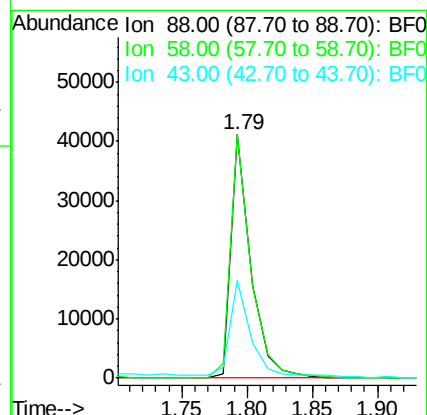
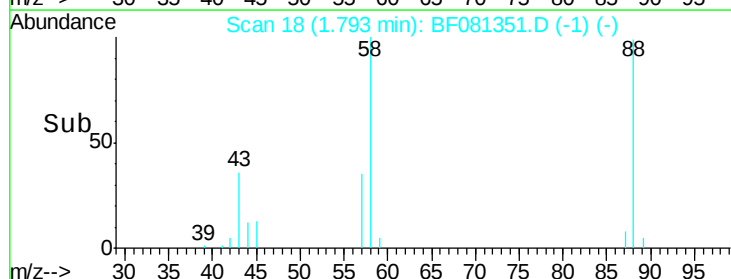
43 47.7 26.6 40.0#

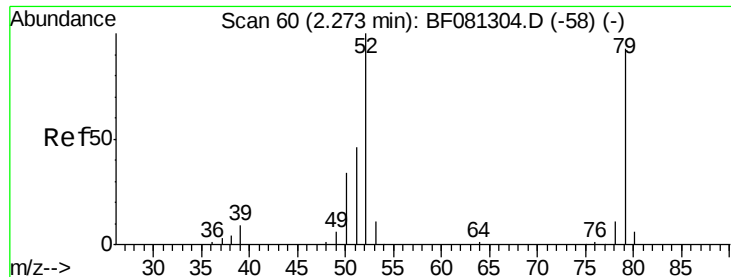


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.06 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

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FK-BPM-02-J1-J2-J3-J4MS

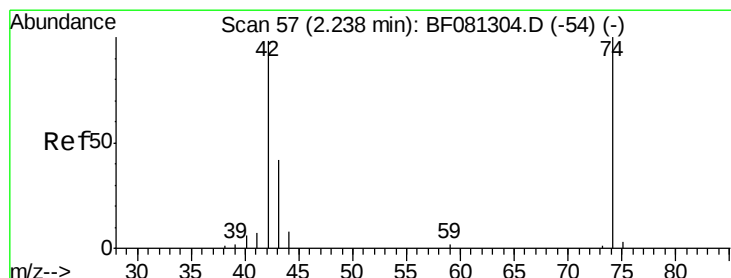
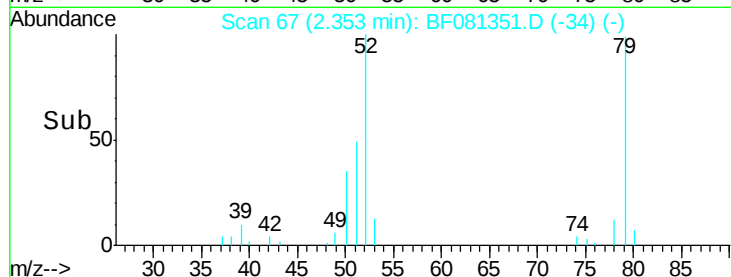
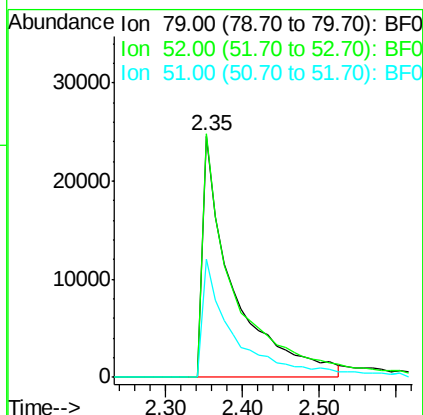
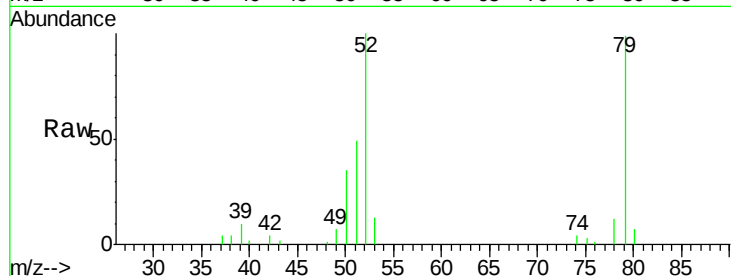
Tot Ion: 79 Resp: 68236

Ion Ratio Lower Upper

79 100

52 100.9 76.8 115.2

51 49.0 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 31.71 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.06 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

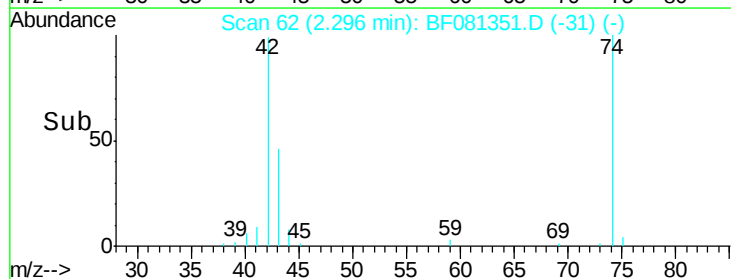
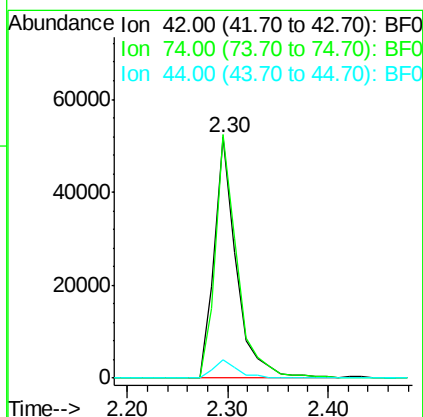
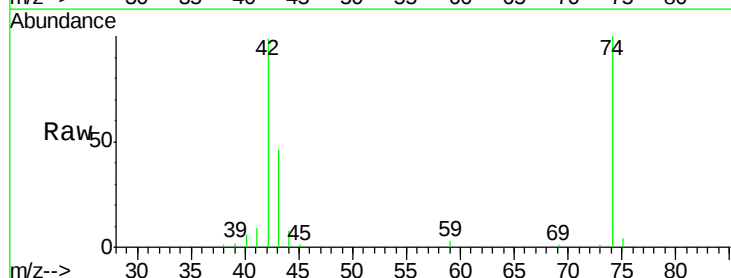
Tgt Ion: 42 Resp: 79810

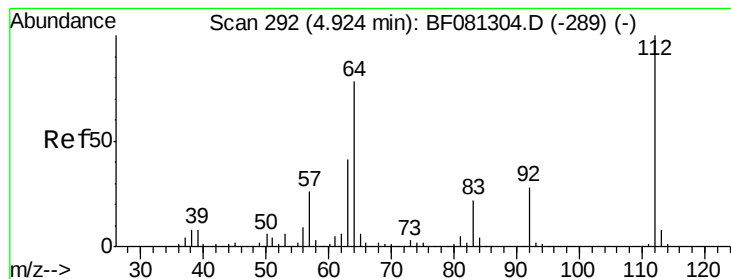
Ion Ratio Lower Upper

42 100

74 101.3 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 103.87 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

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FK-BPM-02-J1-J2-J3-J4MS

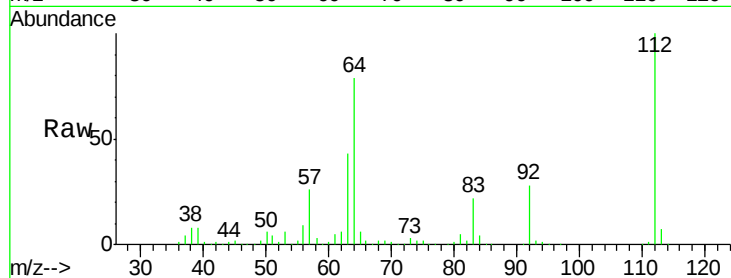
Tot Ion:112 Resp: 379958

Ion Ratio Lower Upper

112 100

64 79.1 39.7 59.5#

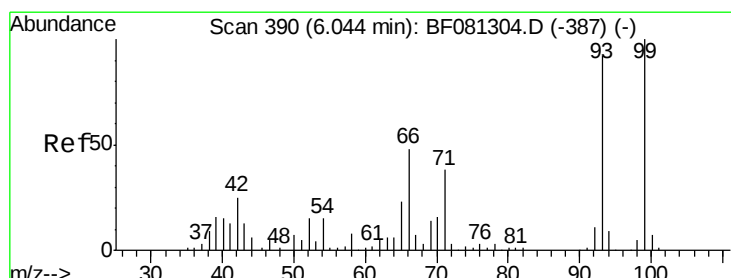
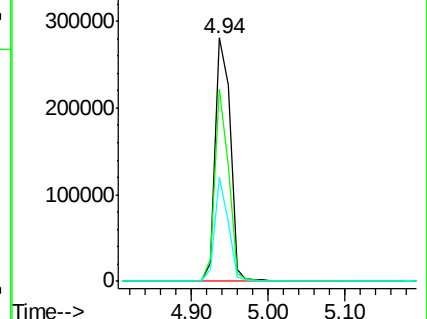
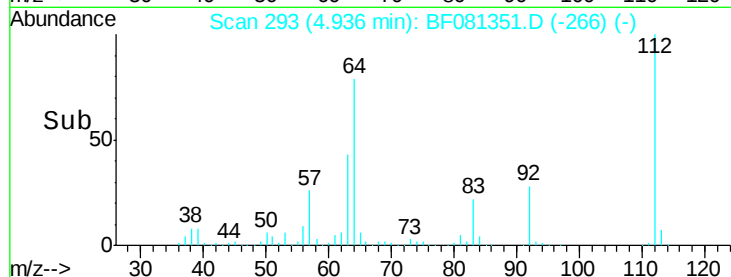
63 42.6 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.70 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

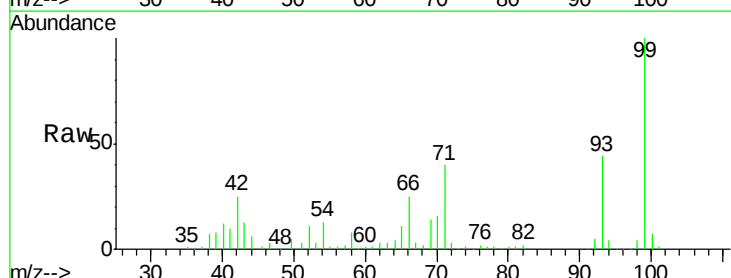
Tgt Ion: 93 Resp: 141566

Ion Ratio Lower Upper

93 100

66 57.1 27.2 40.8#

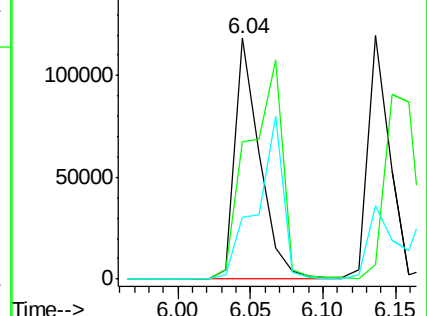
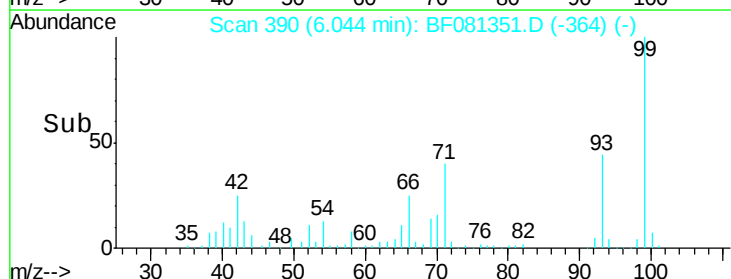
65 25.6 14.7 22.1#

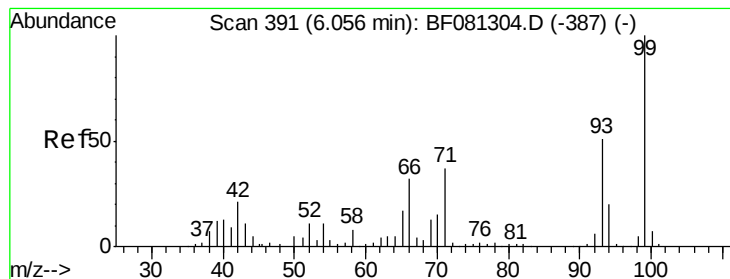


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.16 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

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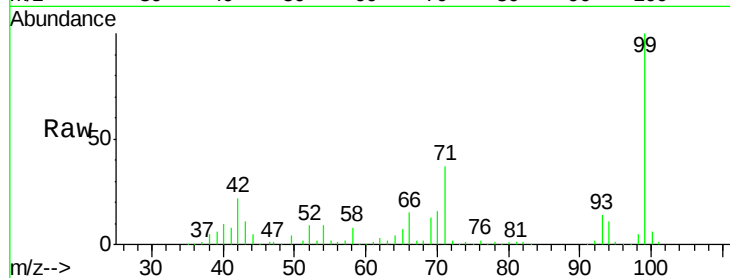
Tot Ion: 99 Resp: 533390

Ion Ratio Lower Upper

99 100

42 21.8 13.7 20.5#

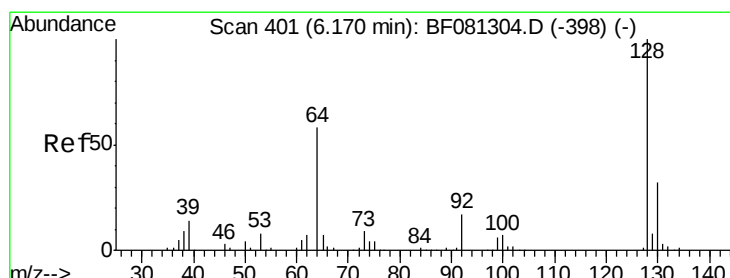
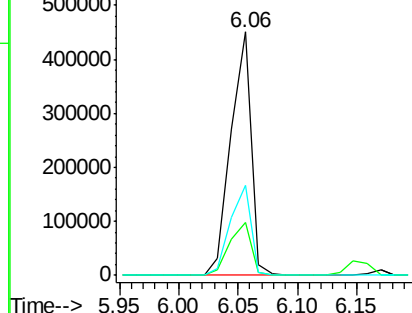
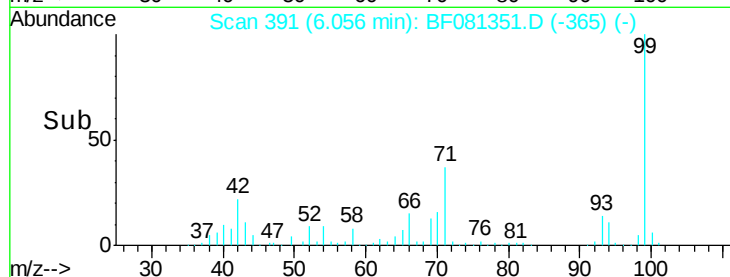
71 37.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.39 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

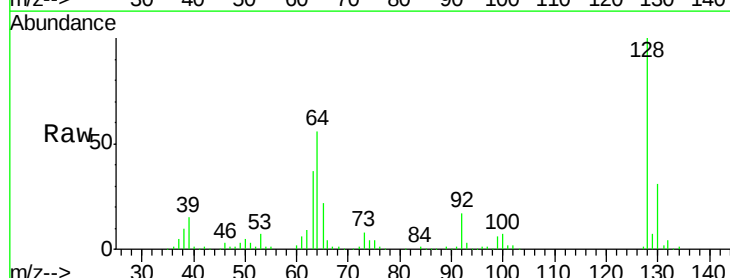
Tgt Ion:128 Resp: 134606

Ion Ratio Lower Upper

128 100

130 31.4 12.2 52.2

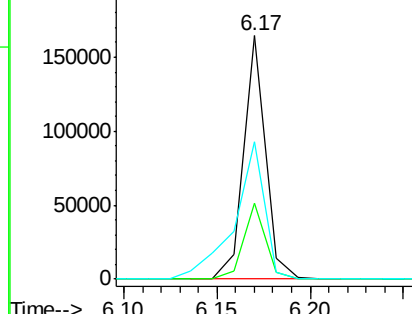
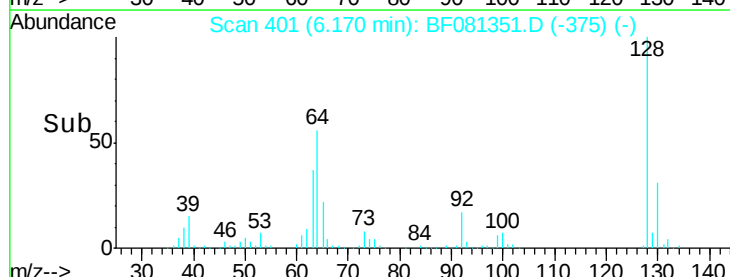
64 56.4 20.5 60.5

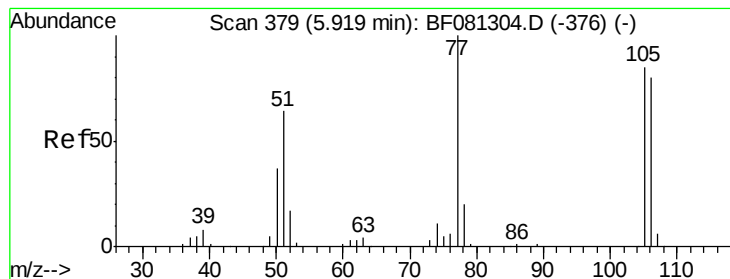


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.08 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

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Acq: 2 Sep 2015 16:32

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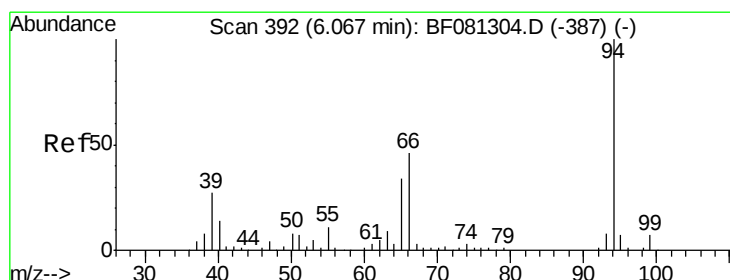
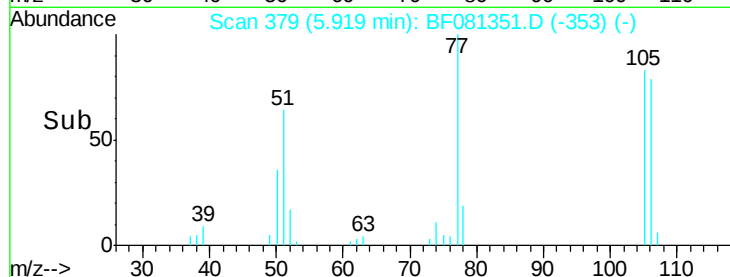
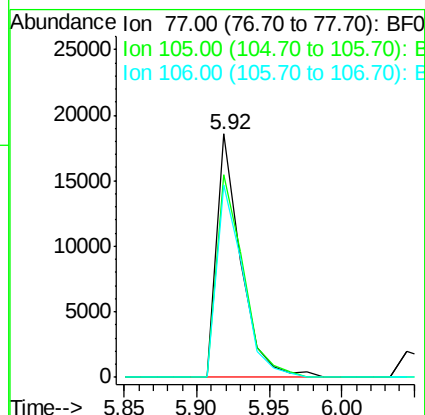
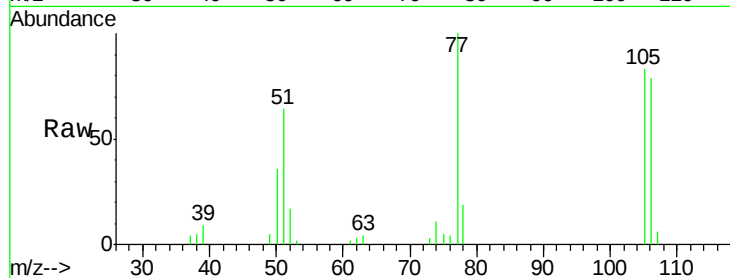
Tot Ion: 77 Resp: 21469

Ion Ratio Lower Upper

77 100

105 83.5 91.6 131.6#

106 79.2 102.6 142.6#



#10

Phenol

Concen: 37.13 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

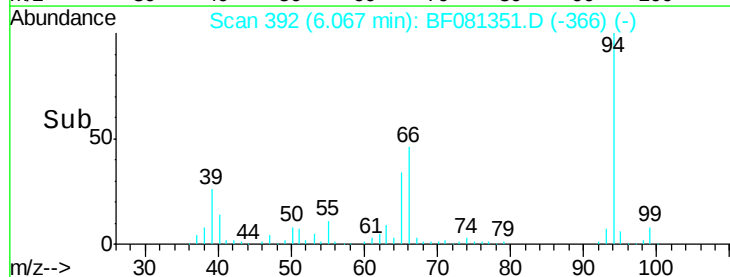
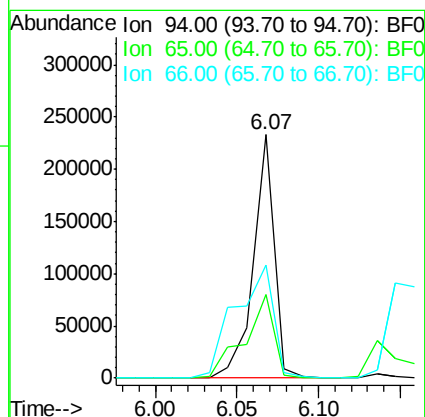
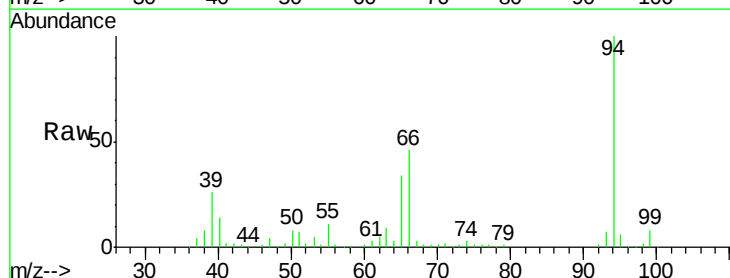
Tgt Ion: 94 Resp: 208468

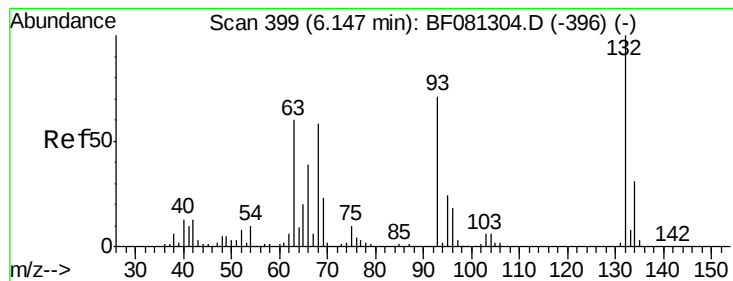
Ion Ratio Lower Upper

94 100

65 34.3 0.7 40.7

66 46.3 0.8 40.8#

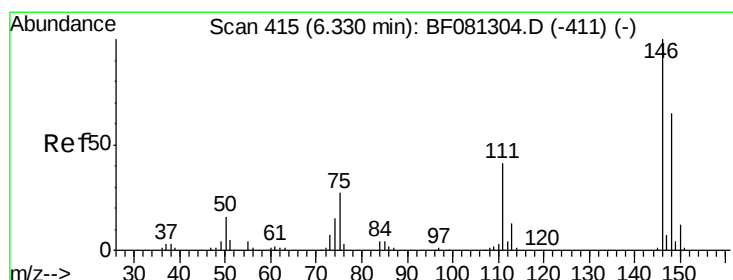
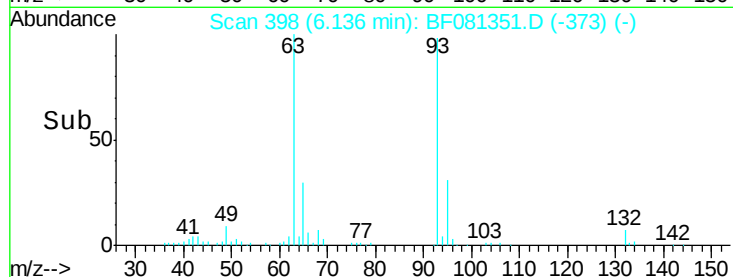
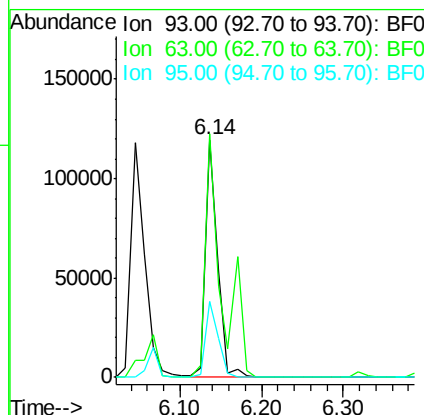
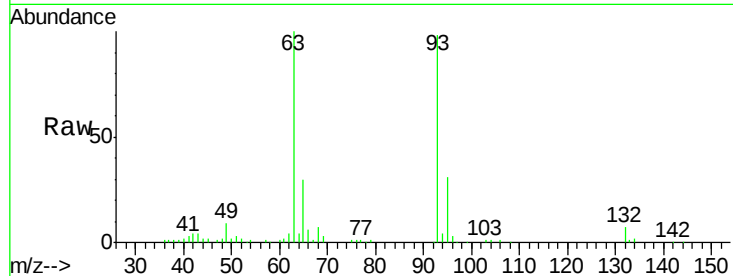




#11
bis(2-Chloroethyl)ether
Concen: 31.69 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

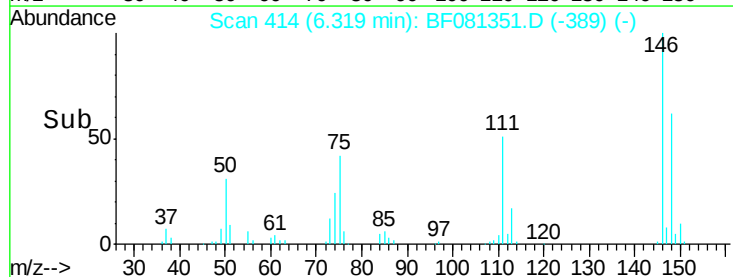
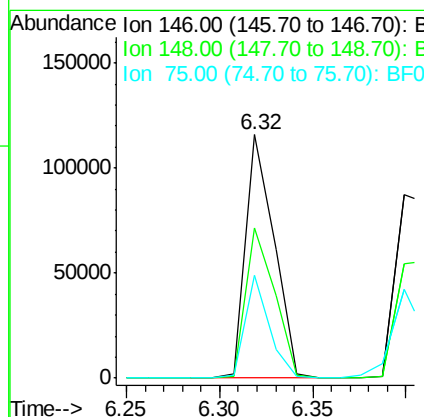
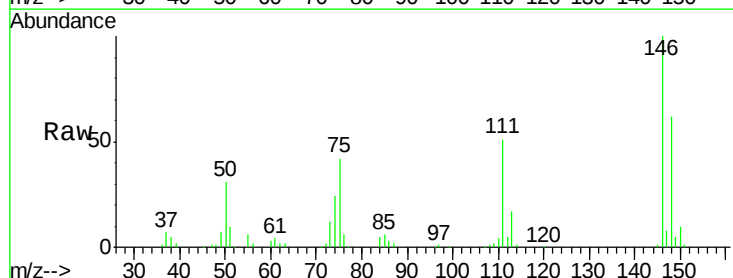
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

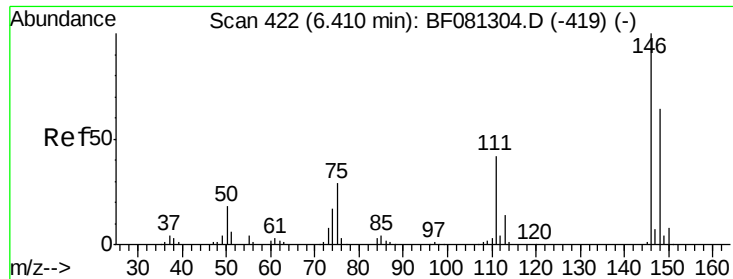
Tot Ion: 93 Resp: 128399
Ion Ratio Lower Upper
93 100
63 102.4 65.6 105.6
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 28.83 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion: 146 Resp: 124181
Ion Ratio Lower Upper
146 100
148 61.9 51.0 76.4
75 42.2 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 27.46 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

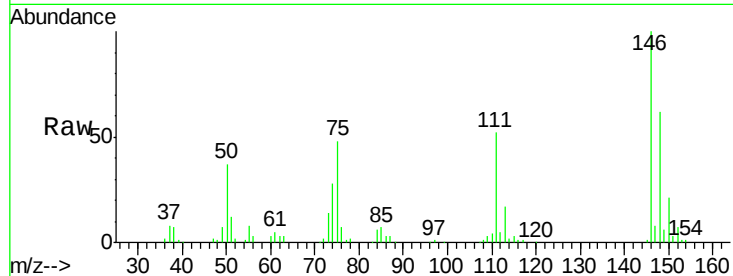
Tot Ion:146 Resp: 120400

Ion Ratio Lower Upper

146 100

148 61.9 51.8 77.6

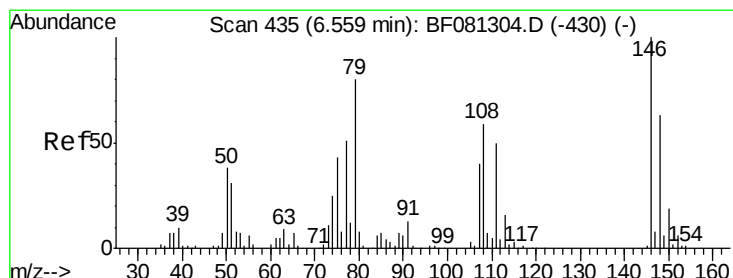
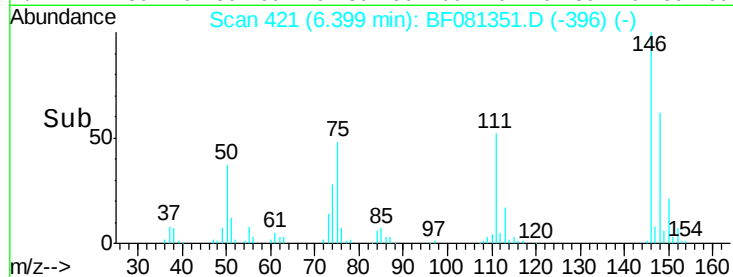
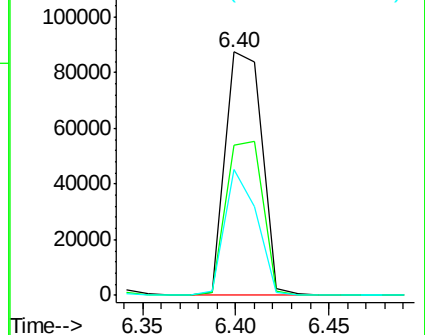
111 51.8 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.50 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

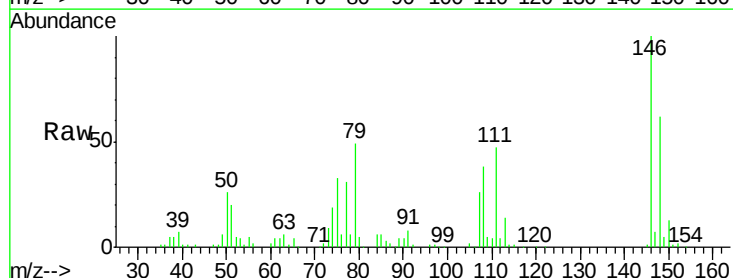
Tgt Ion:146 Resp: 124366

Ion Ratio Lower Upper

146 100

148 62.5 52.7 79.1

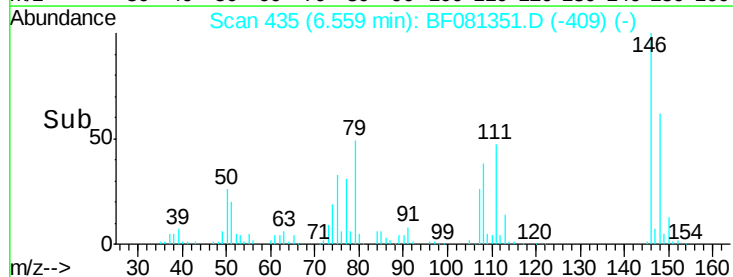
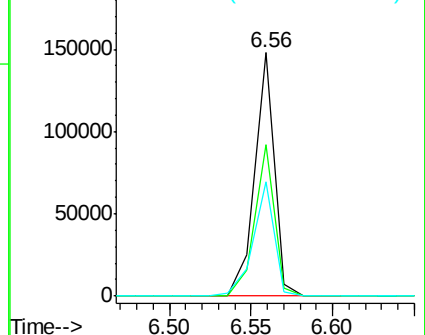
111 46.7 28.8 43.2#

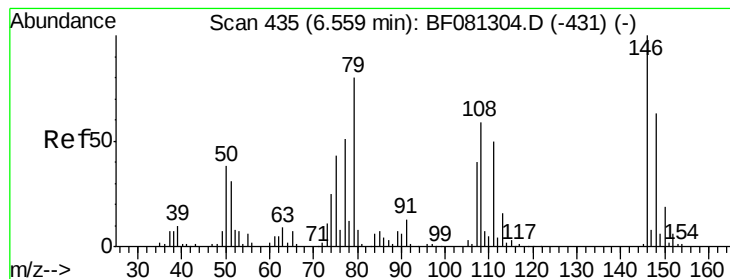


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.77 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

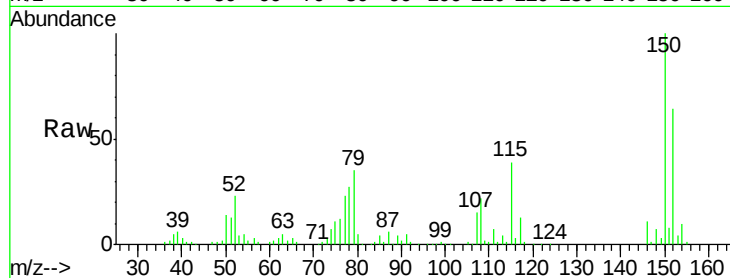
Tot Ion: 79 Resp: 126213

Ion Ratio Lower Upper

79 100

108 63.2 88.6 132.8#

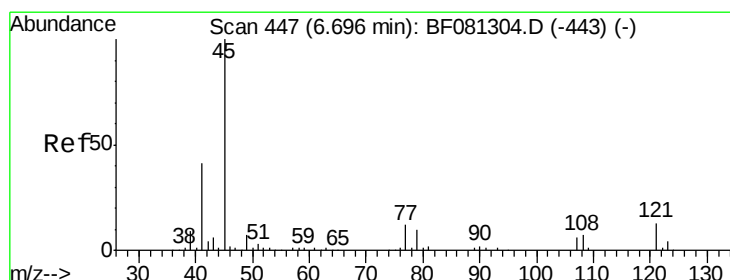
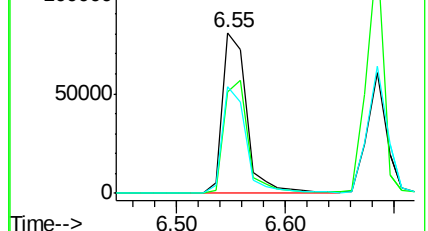
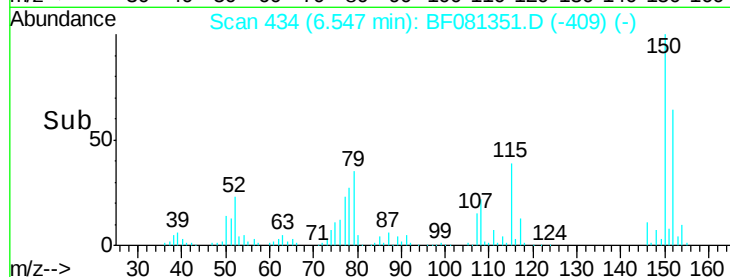
77 66.2 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.08 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

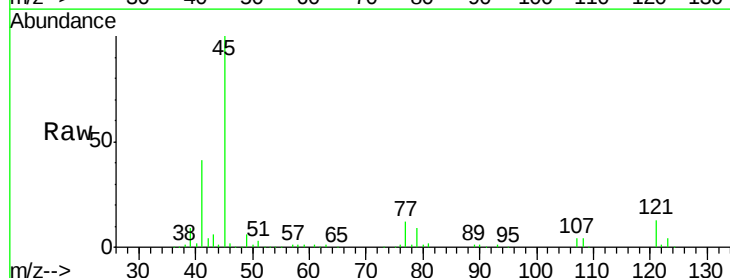
Tgt Ion: 45 Resp: 256885

Ion Ratio Lower Upper

45 100

77 11.5 0.0 28.1

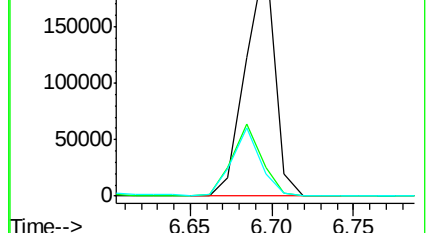
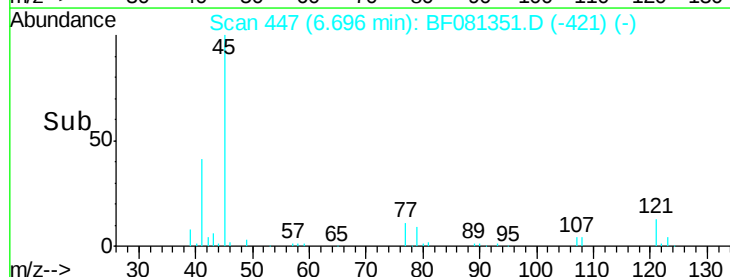
79 9.0 0.0 26.0

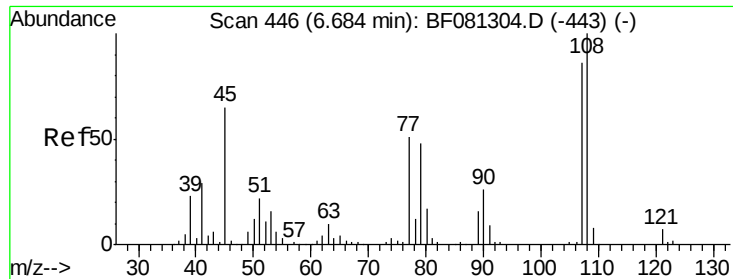


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

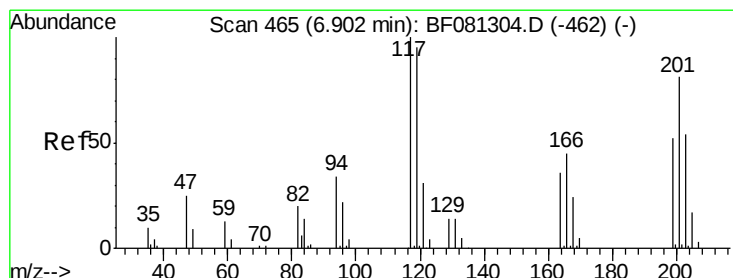
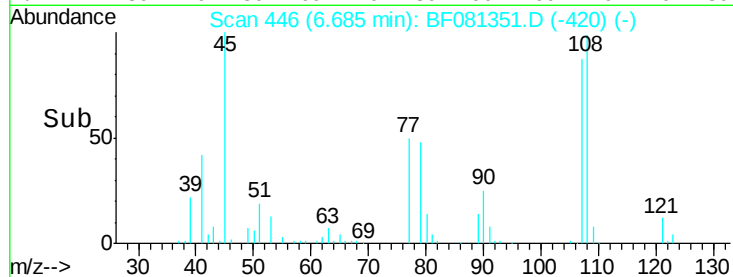
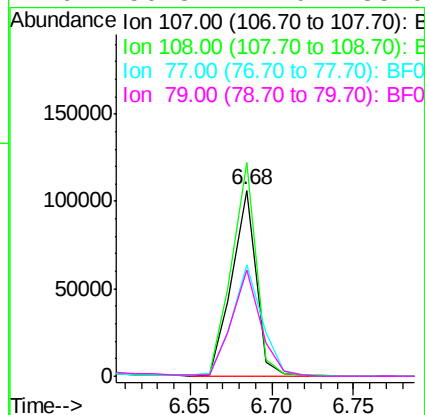
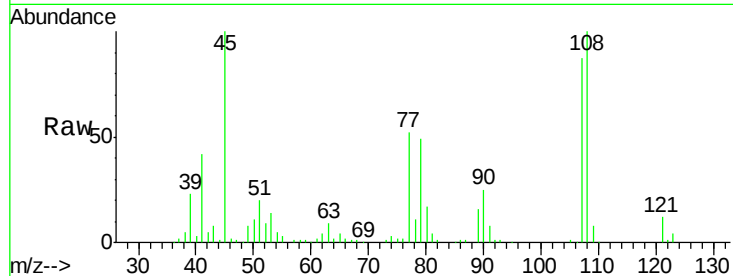




#17
2-Methylphenol
Concen: 34.10 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

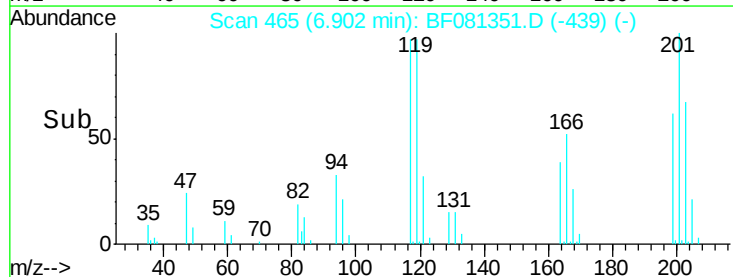
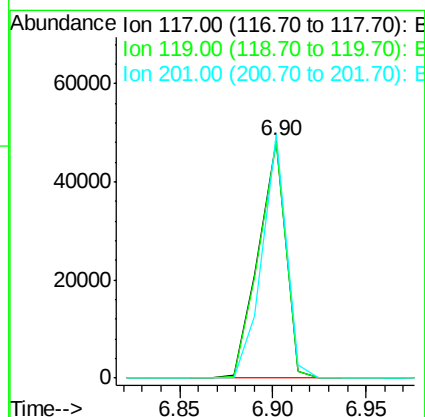
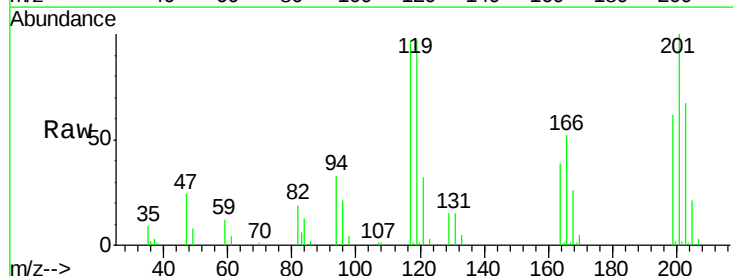
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

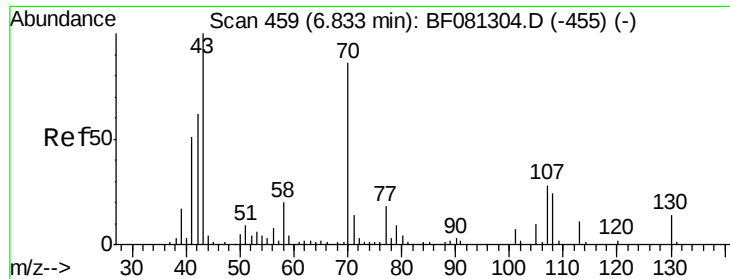
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	96.6	145.0
77	60.1	23.3	34.9
79	56.8	22.0	33.0



#18
Hexachloroethane
Concen: 28.60 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	83.8	125.6
201	102.6	55.1	82.7

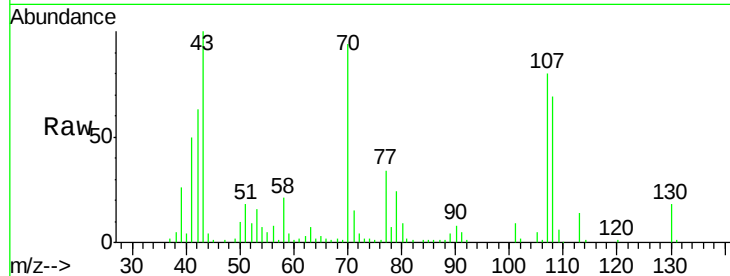




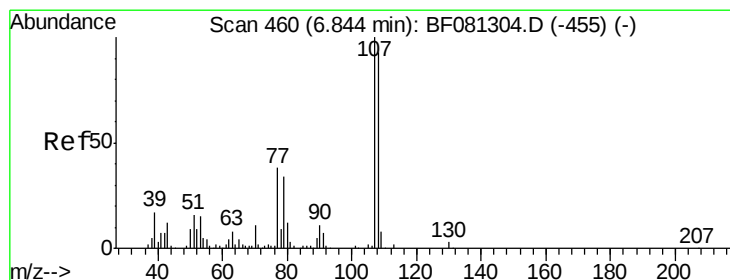
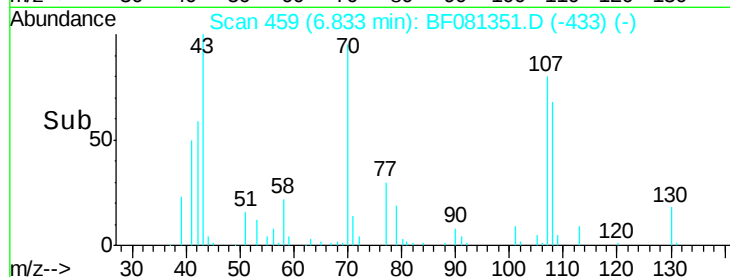
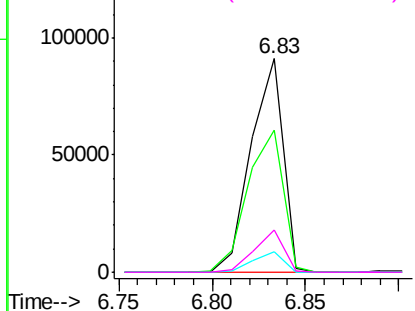
#19
n-Nitroso-di-n-propylamine
Concen: 33.07 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

Tot Ion: 70 Resp: 108985
Ion Ratio Lower Upper
70 100
42 66.7 63.8 95.6
101 9.5 9.2 13.8
130 19.5 27.3 40.9#

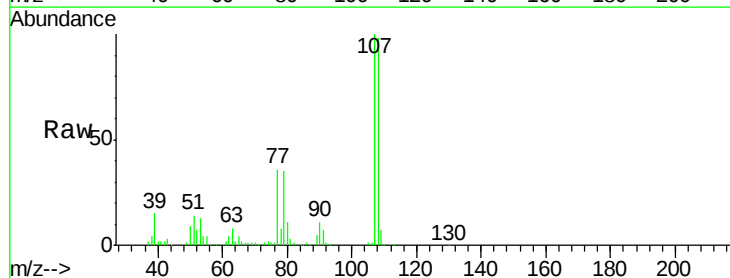


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

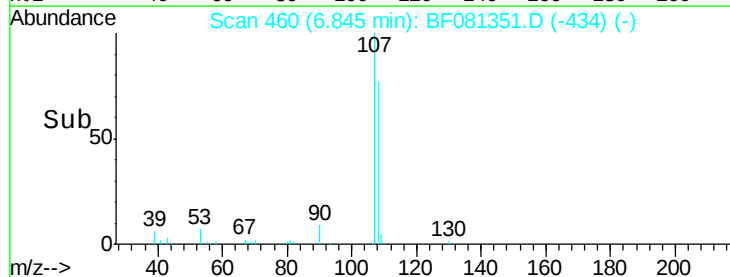
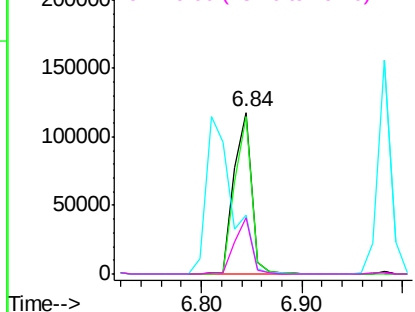


#20
3+4-Methylphenols
Concen: 33.15 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:107 Resp: 143760
Ion Ratio Lower Upper
107 100
108 97.5 74.6 114.6
77 36.2 0.7 40.7
79 34.9 0.0 38.9



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:136 Resp: 220690

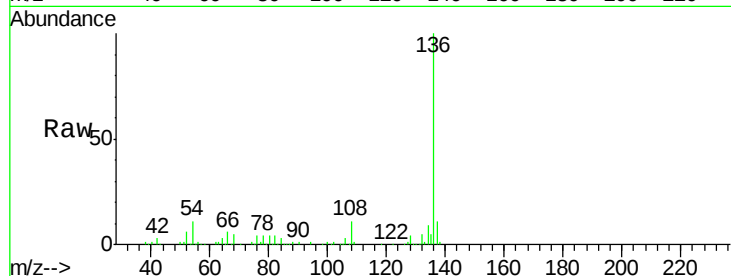
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 10.9 8.2 12.2

68 4.9 5.8 8.6#

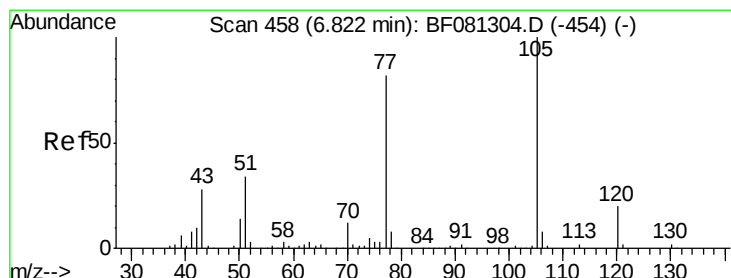
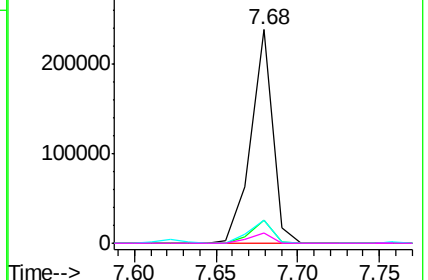
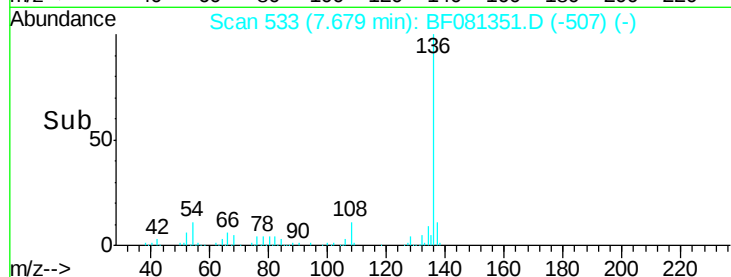


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.08 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Tgt Ion:105 Resp: 193366

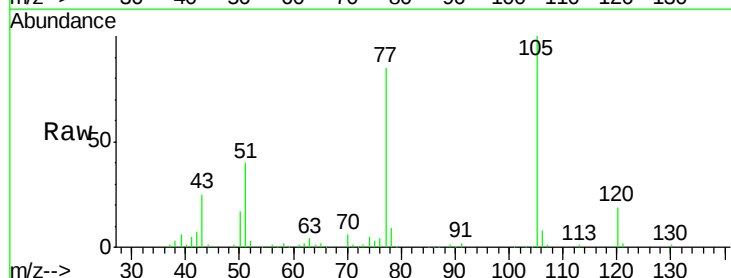
Ion Ratio Lower Upper

105 100

71 1.1 4.7 7.1#

51 39.9 22.0 33.0#

120 18.7 30.1 45.1#

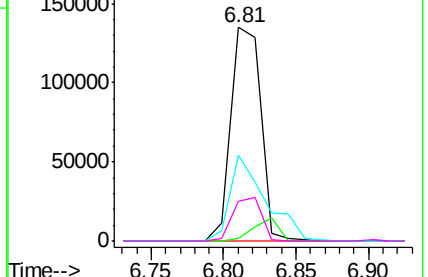
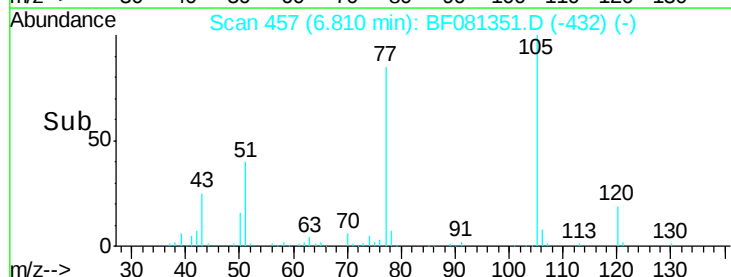


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

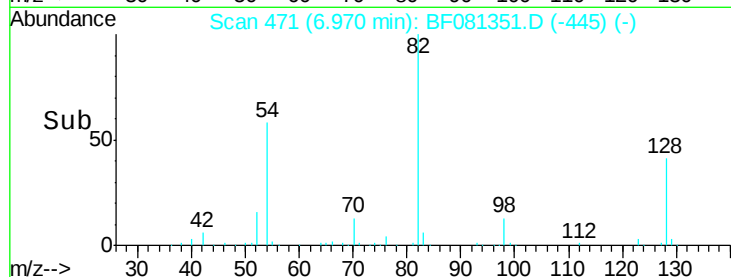
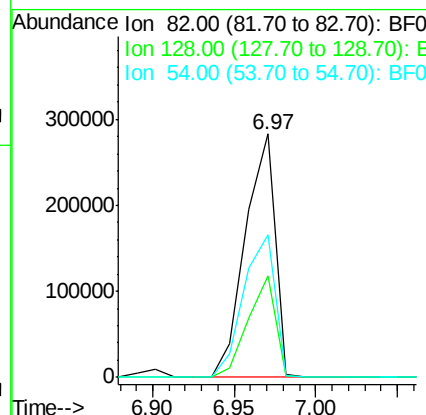
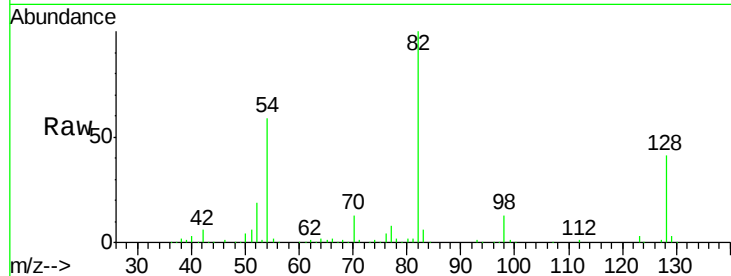




#23
 Nitrobenzene-d5
 Concen: 78.10 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

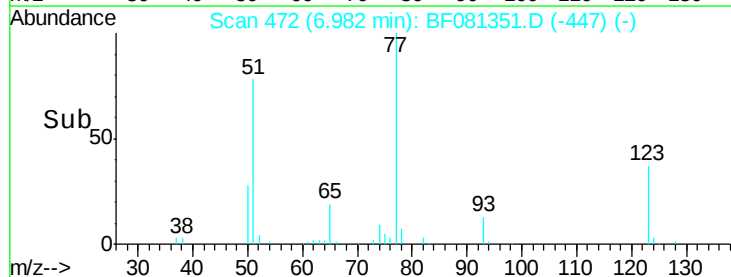
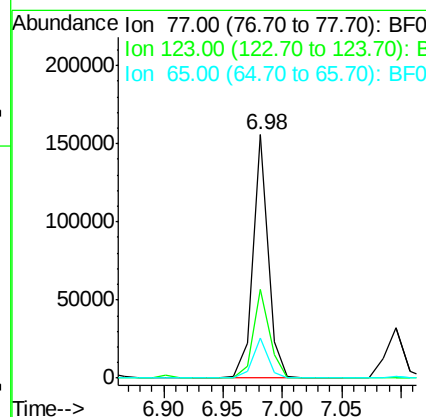
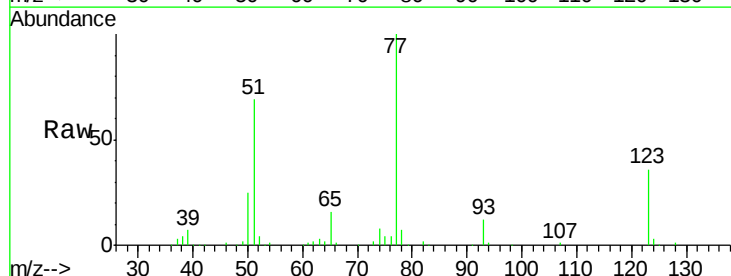
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

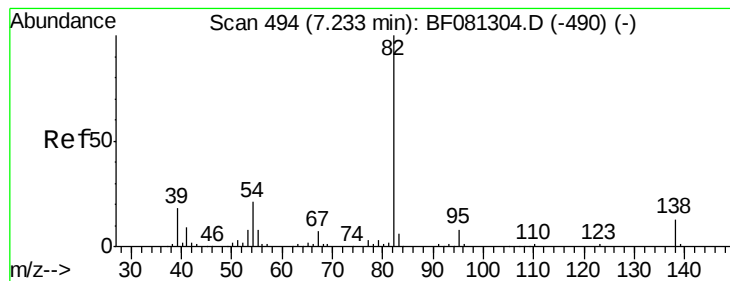
Tot Ion: 82 Resp: 357253
 Ion Ratio Lower Upper
 82 100
 128 41.5 51.0 76.6#
 54 58.8 47.5 71.3



#24
 Nitrobenzene
 Concen: 29.65 ng
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion: 77 Resp: 140848
 Ion Ratio Lower Upper
 77 100
 123 36.5 59.8 89.8#
 65 16.2 10.2 15.4#





#25

Isophorone

Concen: 31.43 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

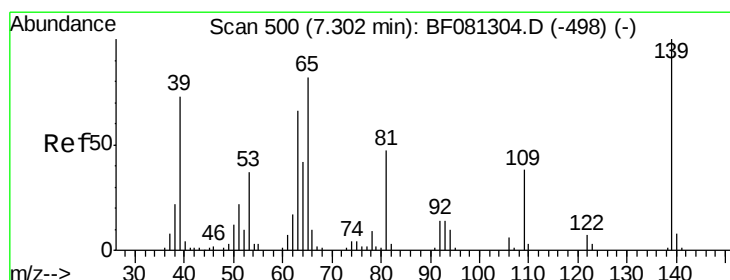
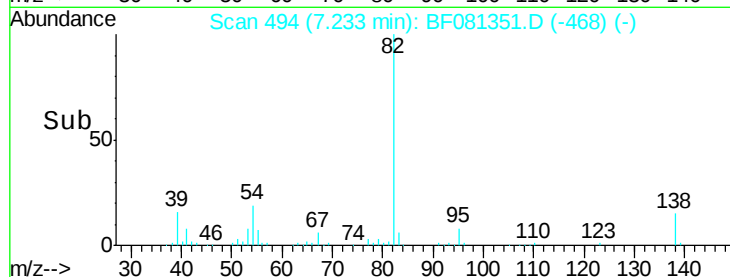
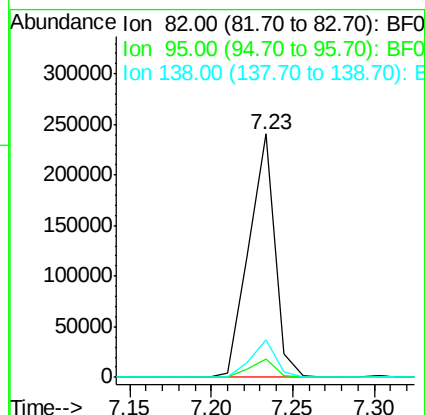
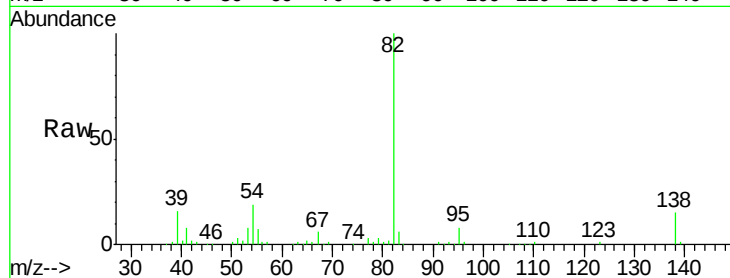
Tot Ion: 82 Resp: 267443

Ion Ratio Lower Upper

82 100

95 7.6 4.0 6.0#

138 15.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 30.66 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

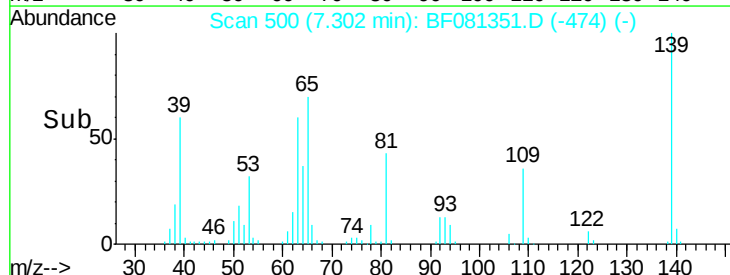
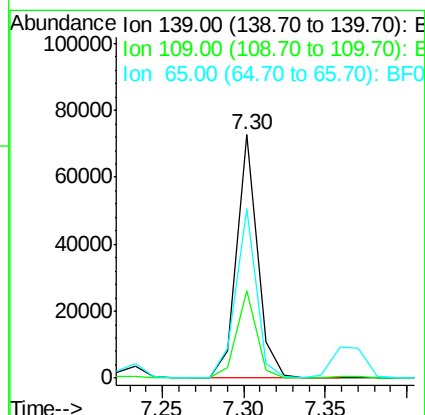
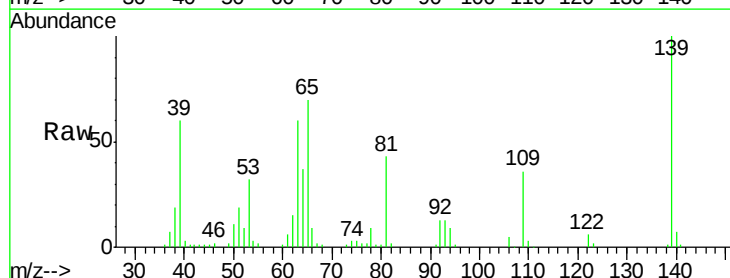
Tgt Ion: 139 Resp: 63485

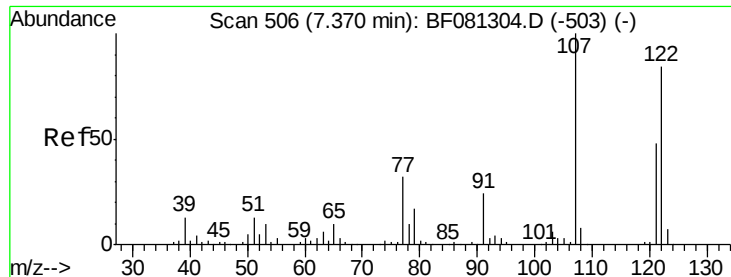
Ion Ratio Lower Upper

139 100

109 36.0 11.0 16.4#

65 69.7 24.7 37.1#

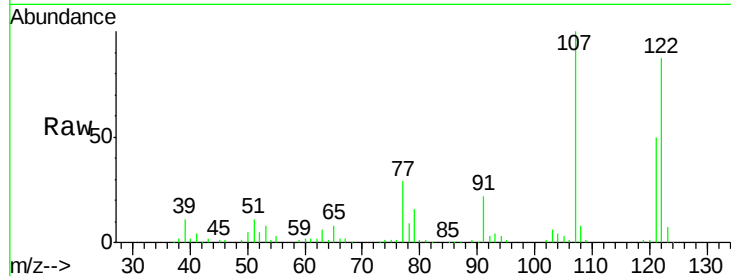




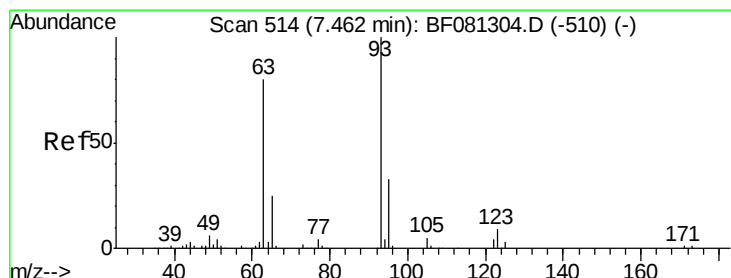
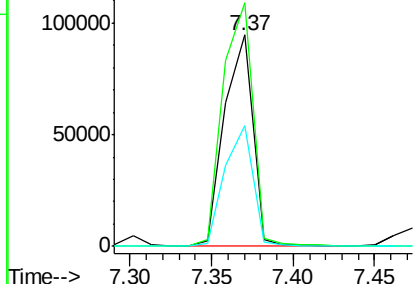
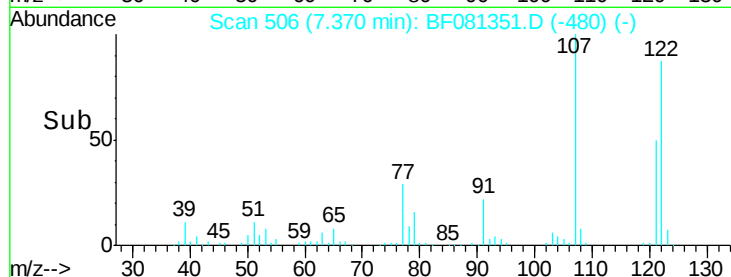
#27
 2,4-Dimethylphenol
 Concen: 31.87 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:122 Resp: 113966
 Ion Ratio Lower Upper
 122 100
 107 115.2 71.8 107.6#
 121 57.0 42.3 63.5

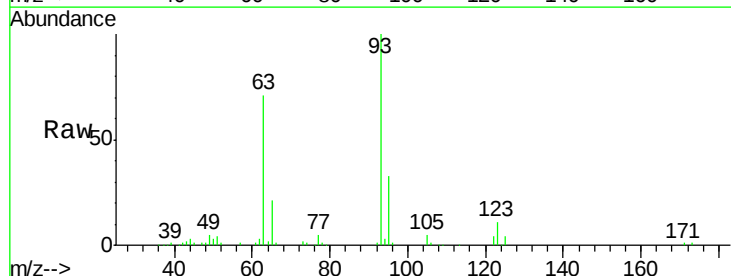


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

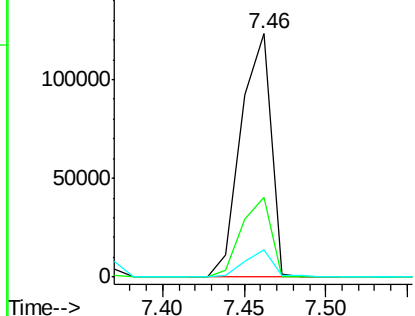
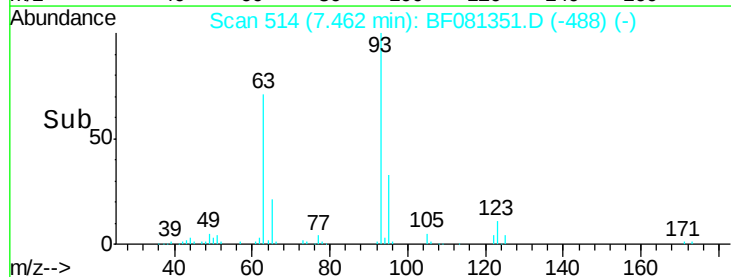


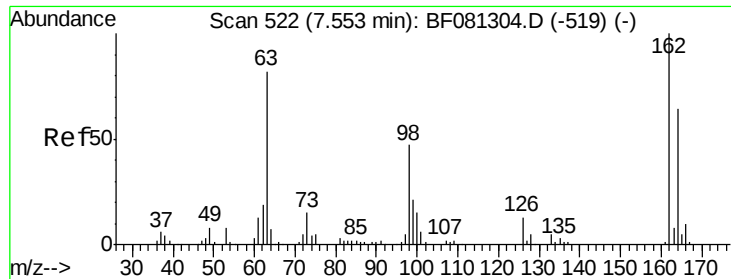
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.88 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion: 93 Resp: 156662
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.5 41.3
 123 11.1 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

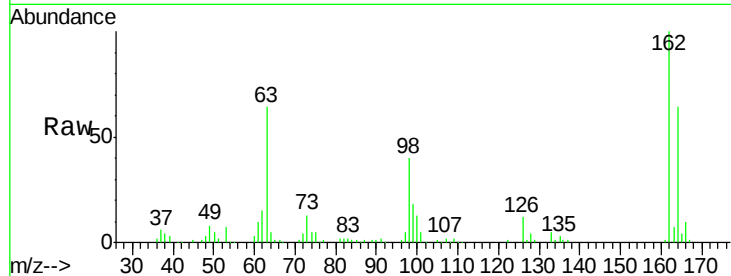




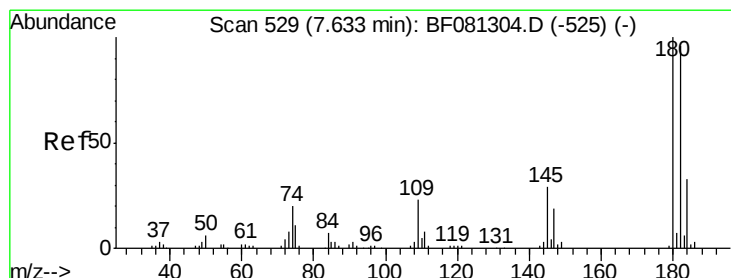
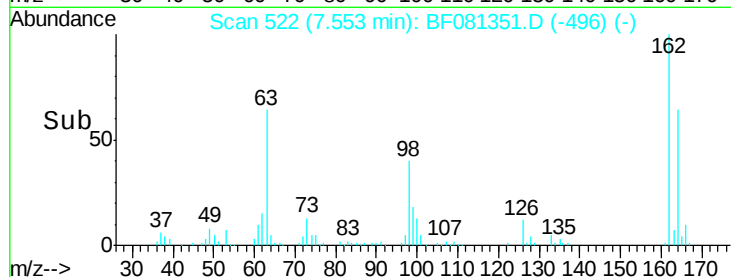
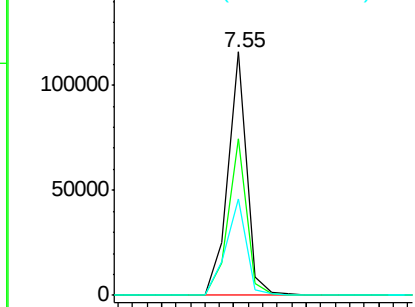
#29
 2,4-Dichlorophenol
 Concen: 33.79 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	39.8	13.0	53.0

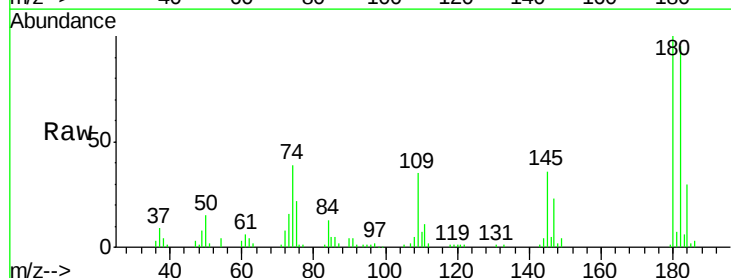


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

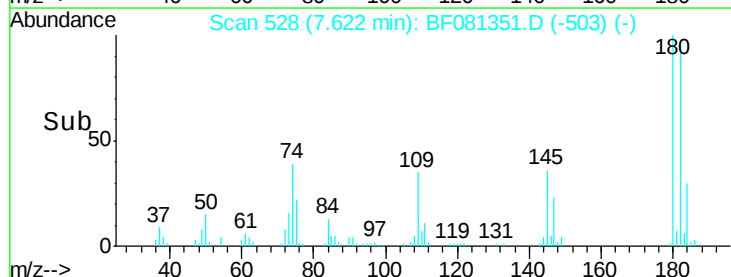
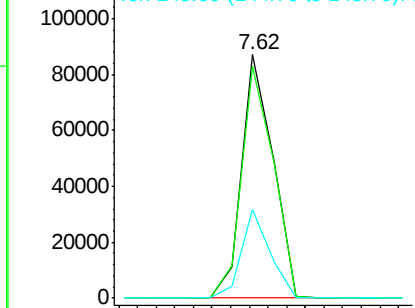


#30
 1,2,4-Trichlorobenzene
 Concen: 30.08 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	36.2	23.3	34.9



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





#31

Naphthalene

Concen: 32.47 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

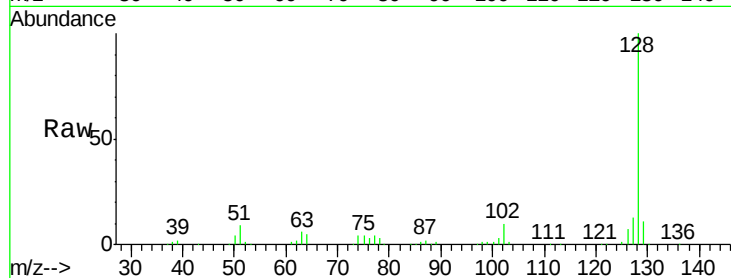
Tot Ion:128 Resp: 382205

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

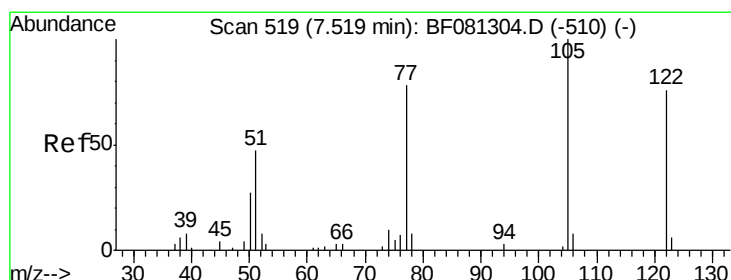
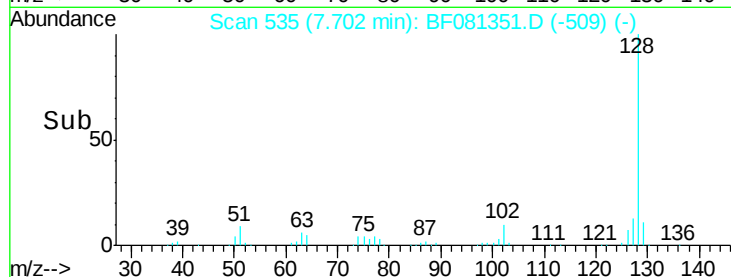
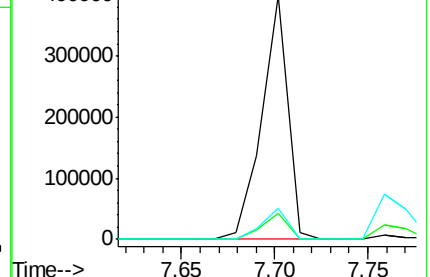
127 12.7 9.9 14.9



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: 11.90 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

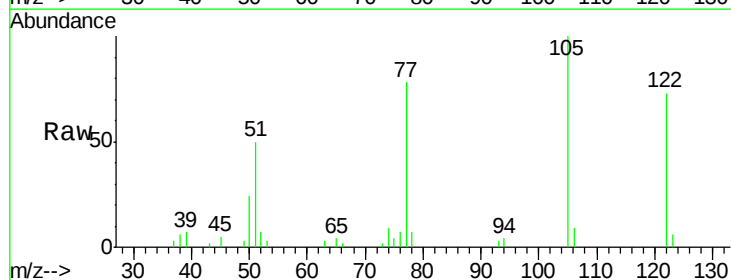
Tgt Ion:122 Resp: 25238

Ion Ratio Lower Upper

122 100

105 136.9 76.1 116.1#

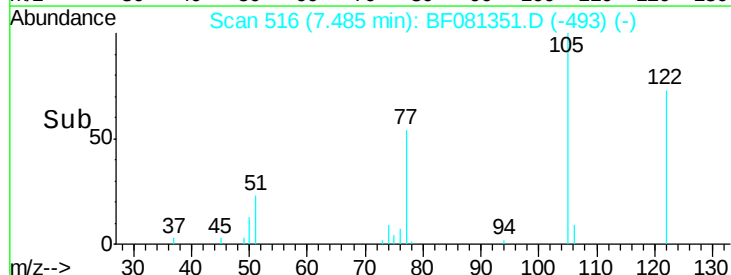
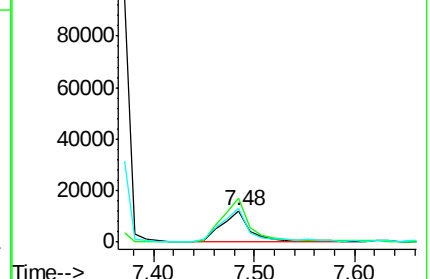
77 107.2 40.5 80.5#



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

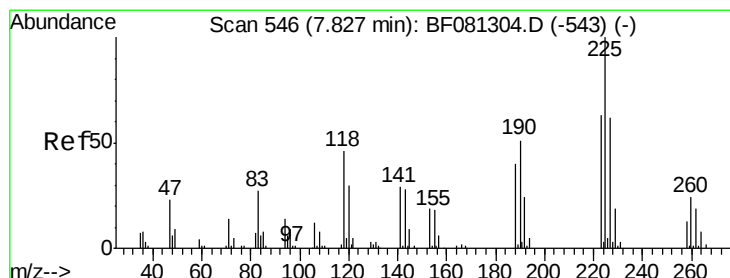
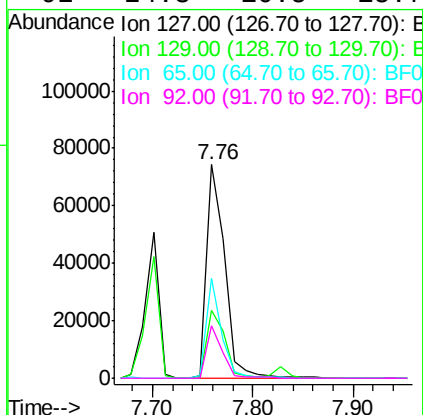
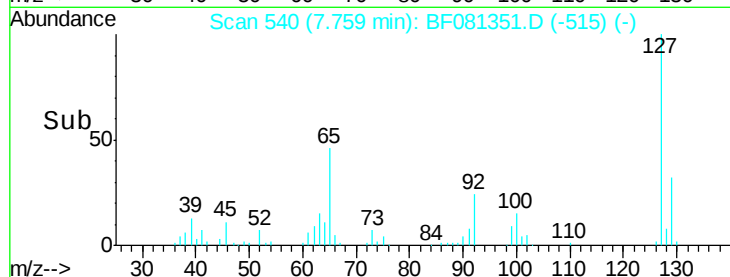
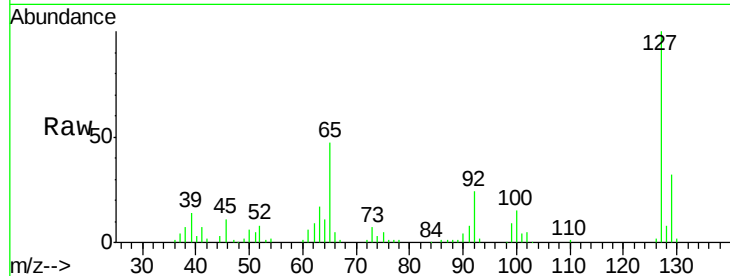




#33
4-Chloroaniline
Concen: 19.53 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

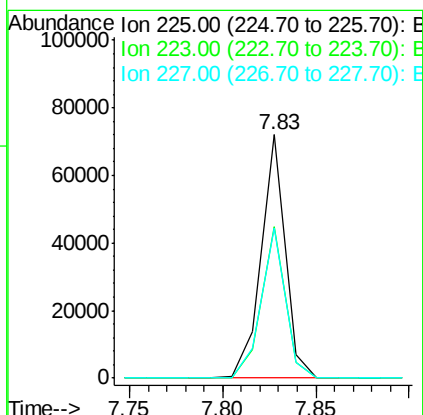
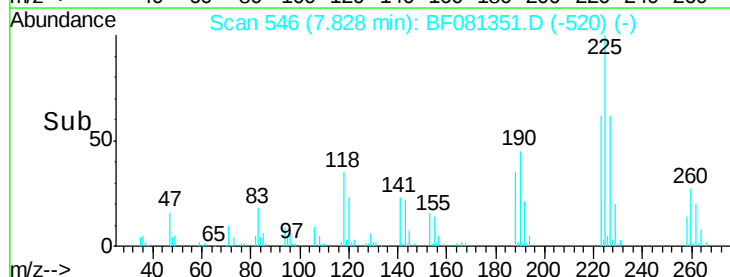
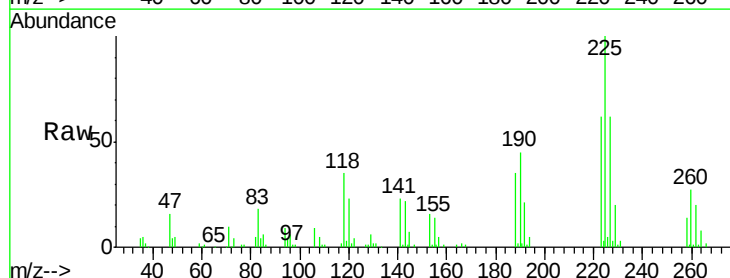
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

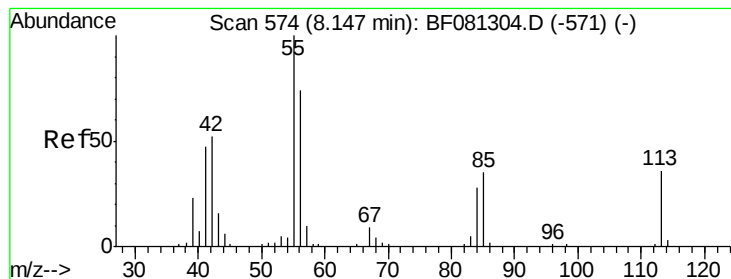
Tot Ion:	127	Resp:	93741
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	46.7	17.9	26.9#
92	24.3	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 31.22 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:	225	Resp:	64001
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	61.6	52.2	78.2





#35

Caprolactam

Concen: 18.54 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

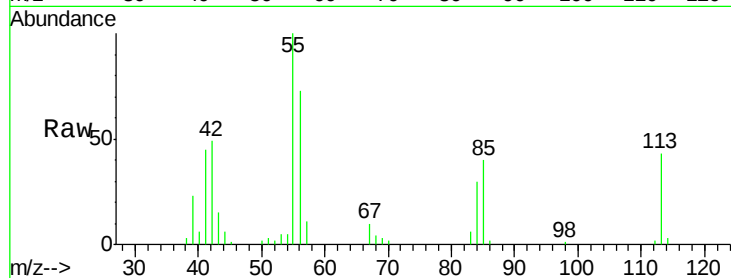
Tot Ion:113 Resp: 17633

Ion Ratio Lower Upper

113 100

55 233.9 152.4 192.4#

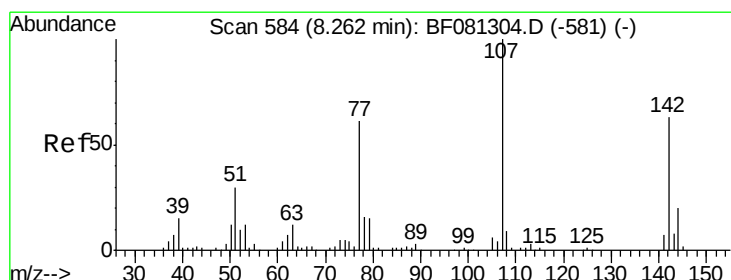
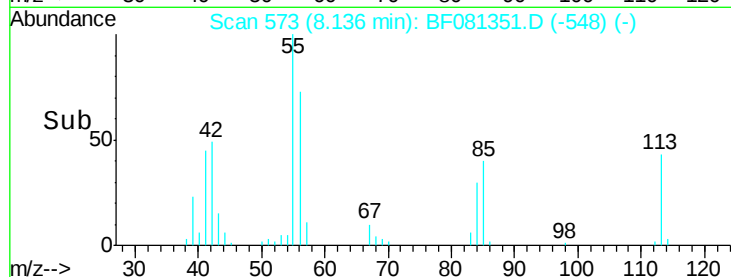
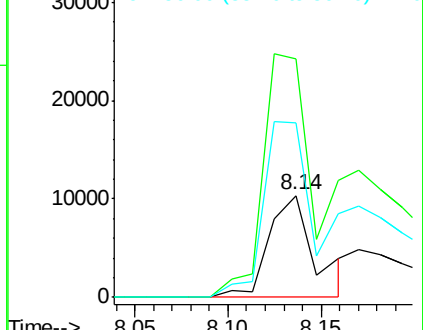
56 171.8 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.75 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

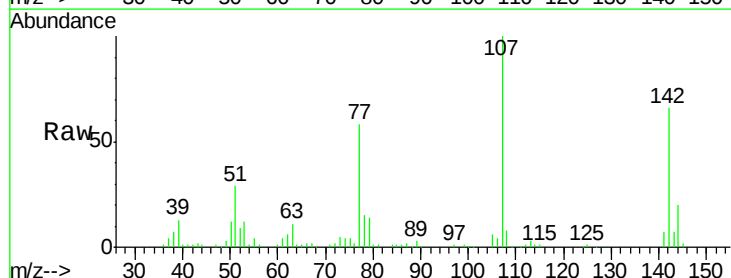
Tgt Ion:107 Resp: 117148

Ion Ratio Lower Upper

107 100

144 20.3 25.4 38.0#

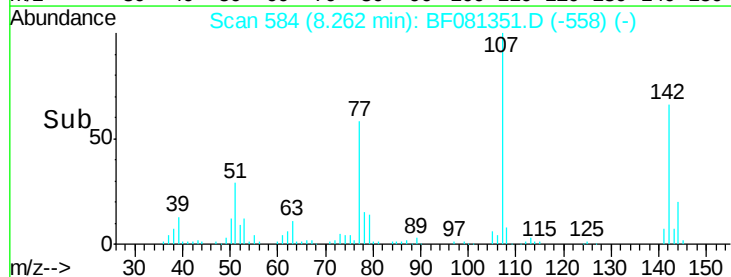
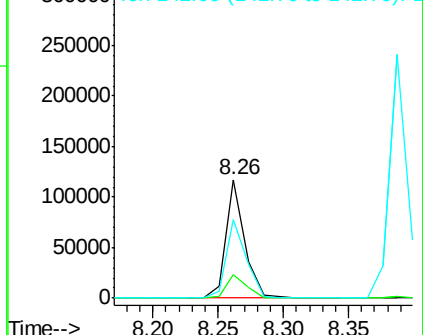
142 66.3 77.3 115.9#

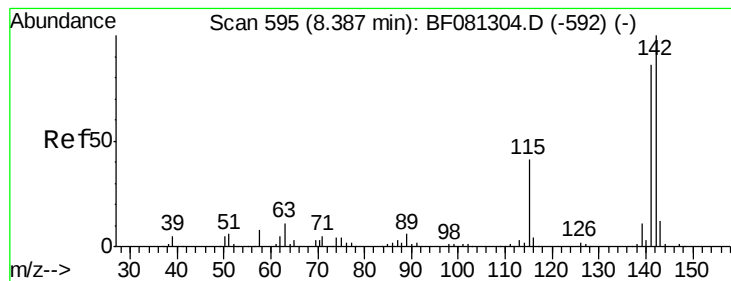


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 29.73 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

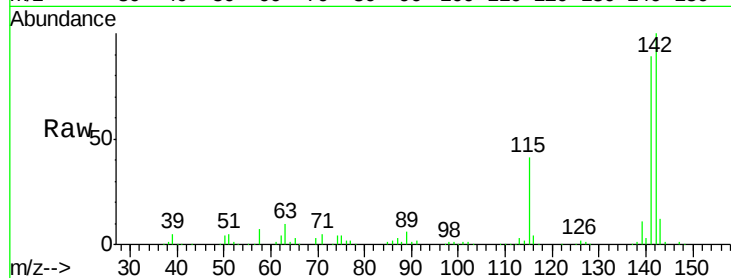
Tot Ion:142 Resp: 227691

Ion Ratio Lower Upper

142 100

141 89.0 67.5 101.3

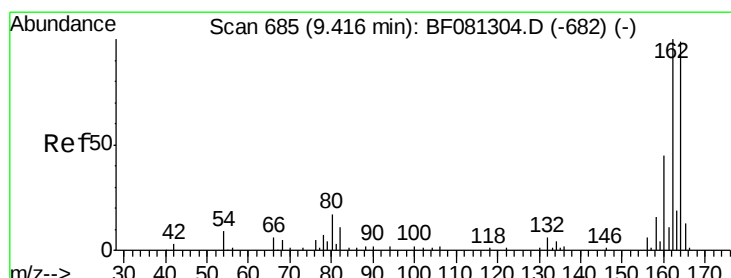
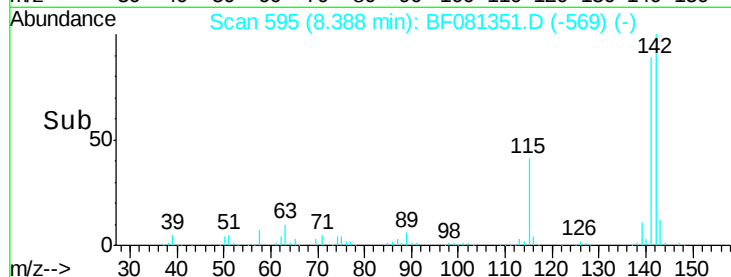
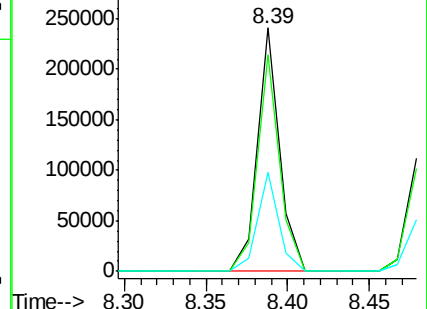
115 40.9 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

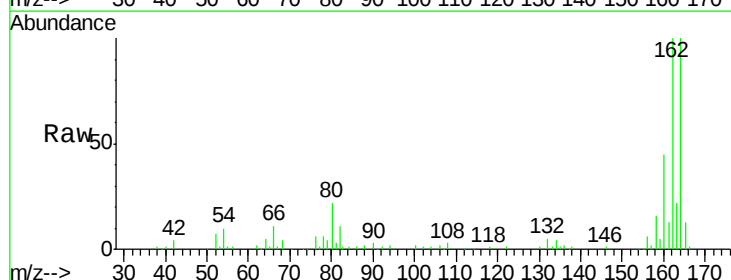
Tgt Ion:164 Resp: 97397

Ion Ratio Lower Upper

164 100

162 100.1 75.2 112.8

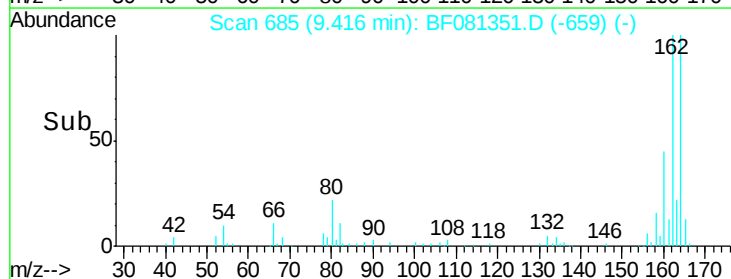
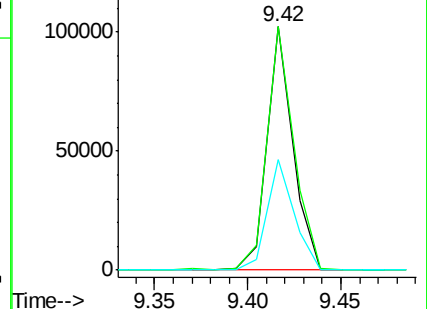
160 45.3 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.71 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:216 Resp: 106899

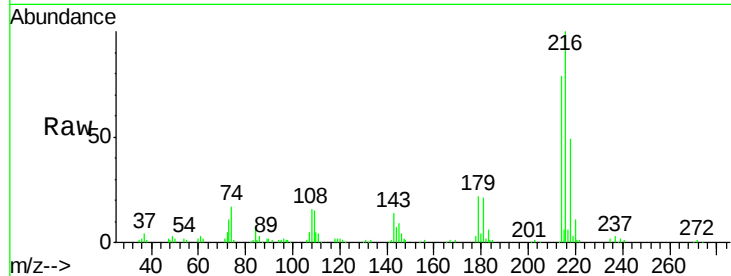
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 22.6 16.6 24.8

108 22.0 16.3 24.5

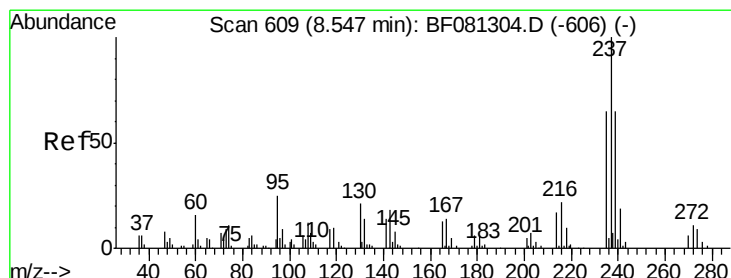
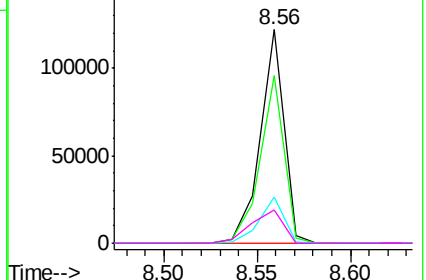
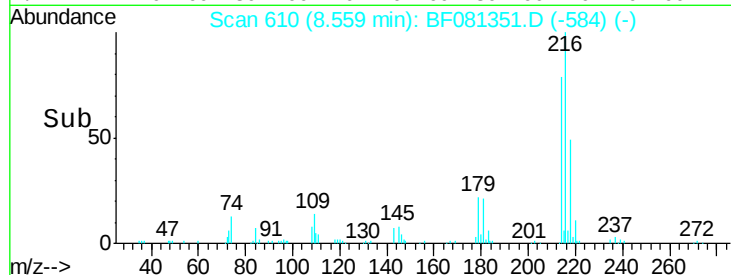


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.44 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

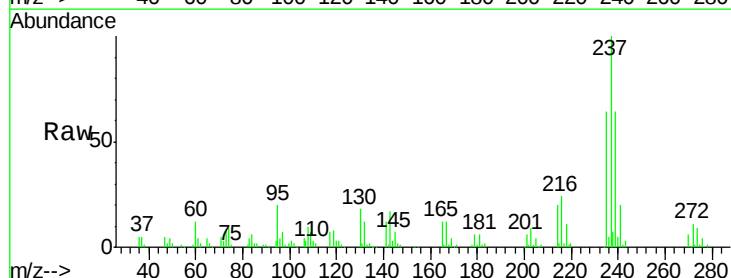
Tgt Ion:237 Resp: 100427

Ion Ratio Lower Upper

237 100

235 63.8 42.0 82.0

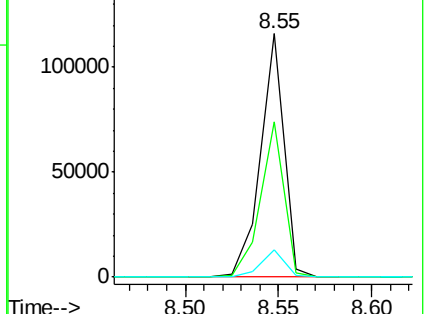
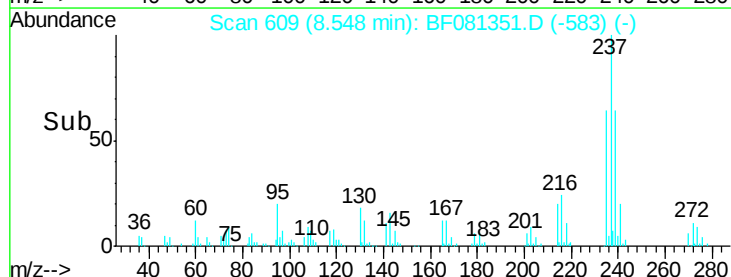
272 11.4 0.0 36.1

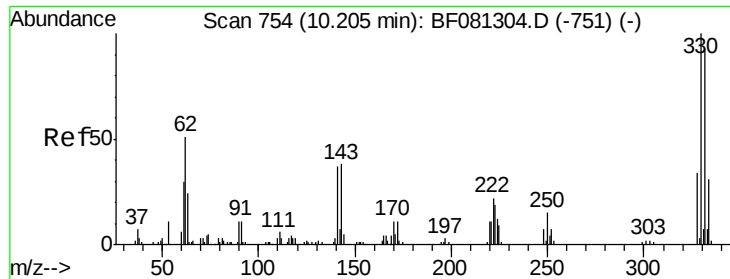


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

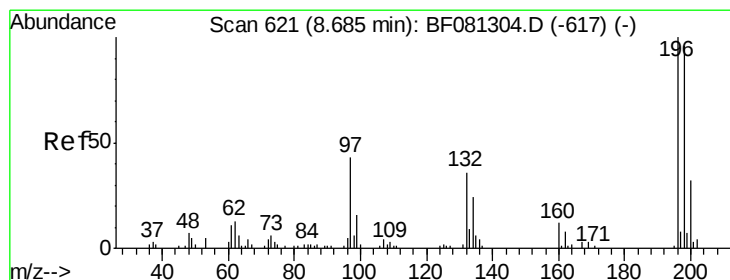
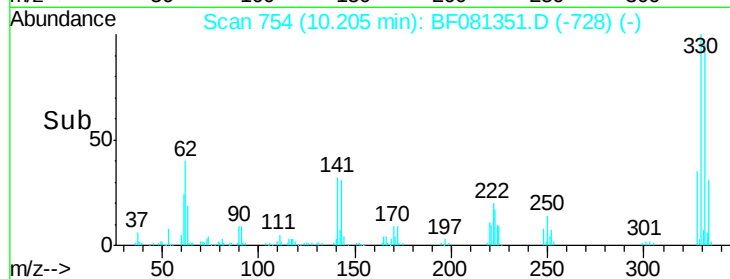
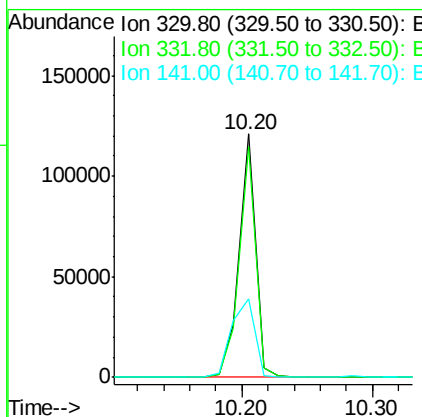
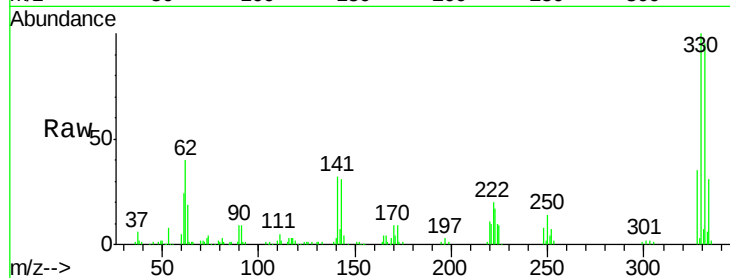




#41
 2,4,6-Tribromophenol
 Concen: 123.20 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

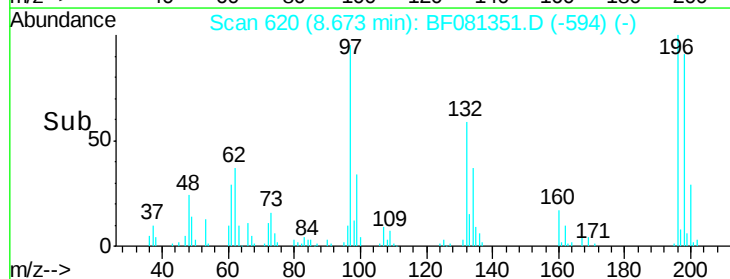
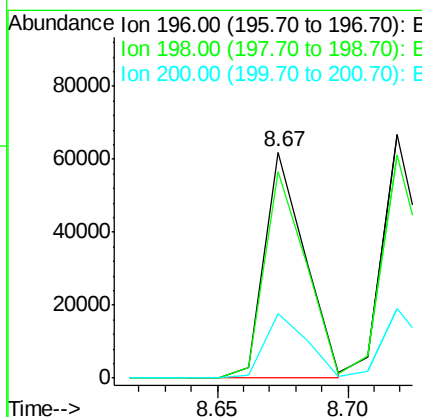
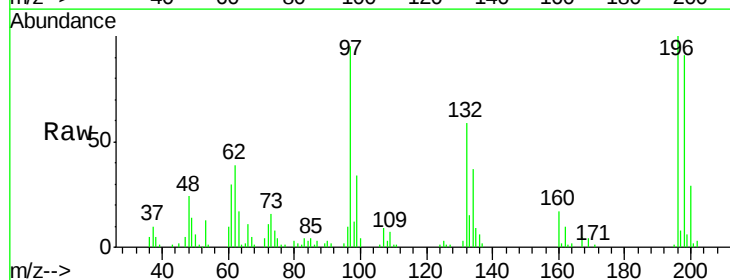
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	45.1	29.7	44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 31.60 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.1	75.7	113.5
200	28.5	23.9	35.9

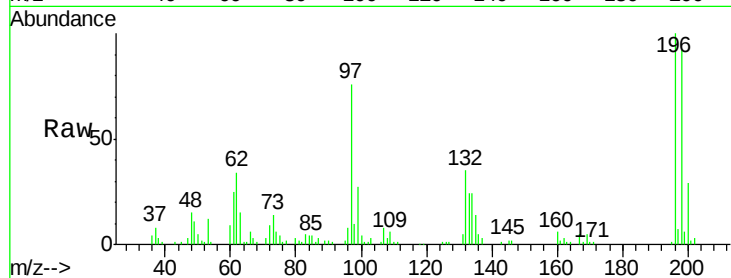




#43
 2,4,5-Trichlorophenol
 Concen: 33.23 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion	196	Resp	72065
Ion Ratio	Lower	Upper	
196	100		
198	91.9	75.4	113.0
97	75.7	33.3	49.9#
132	34.7	24.6	37.0



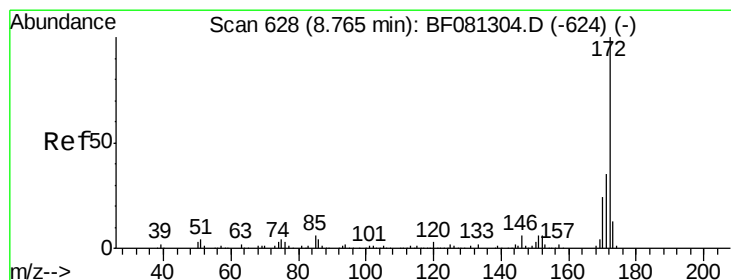
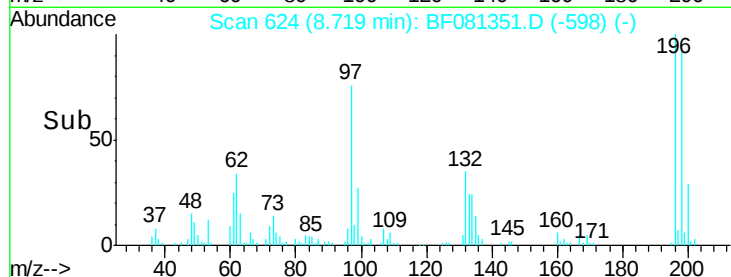
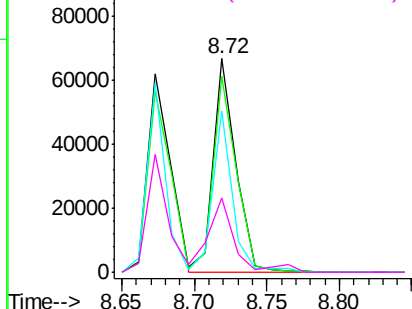
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

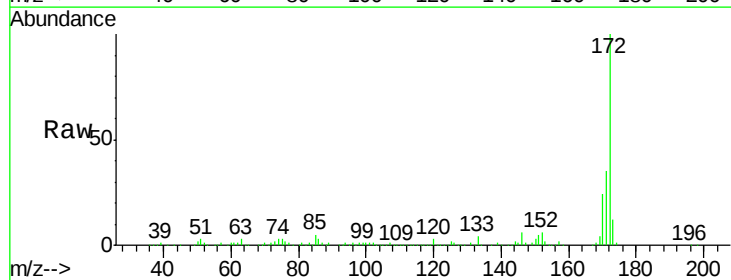
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.71 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion	172	Resp	575405
Ion Ratio	Lower	Upper	
172	100		
171	35.0	26.1	39.1
170	23.9	17.4	26.2

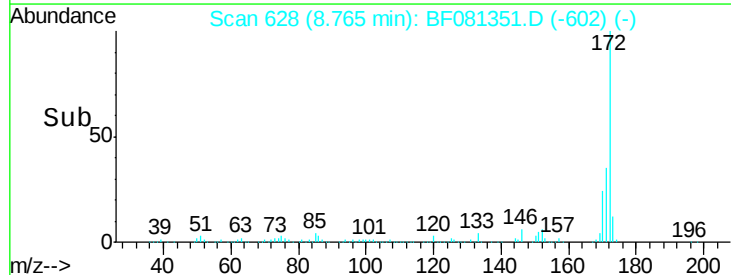
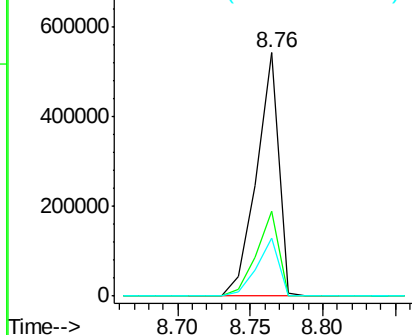


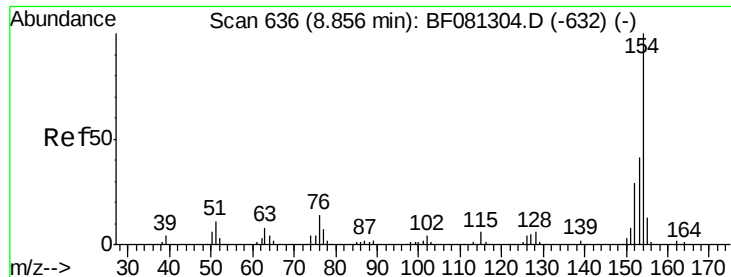
Abundance

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

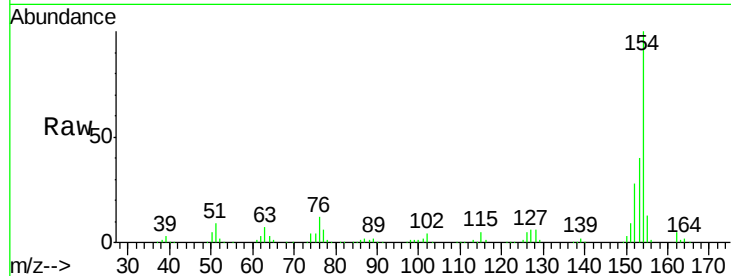




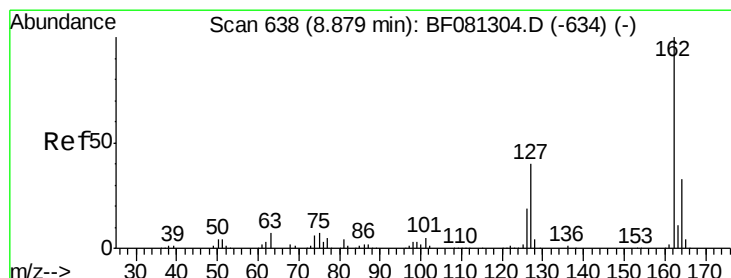
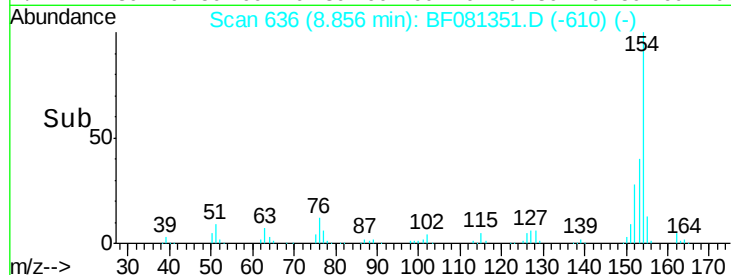
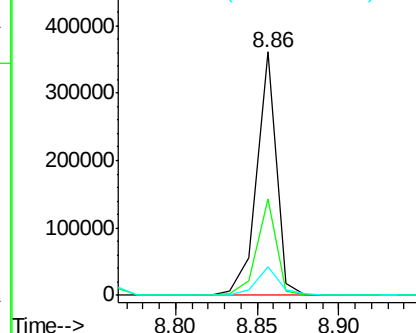
#45
 1,1'-Biphenyl
 Concen: 33.64 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:154 Resp: 301428
 Ion Ratio Lower Upper
 154 100
 153 39.8 17.1 57.1
 76 11.6 0.0 31.6

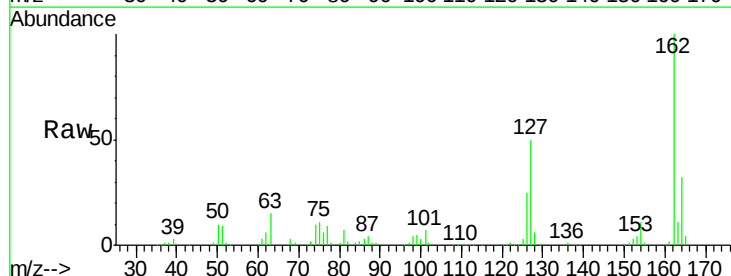


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

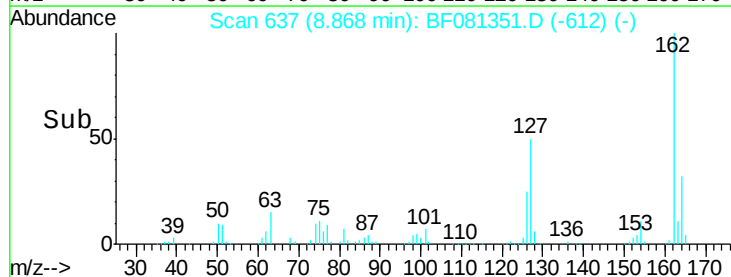
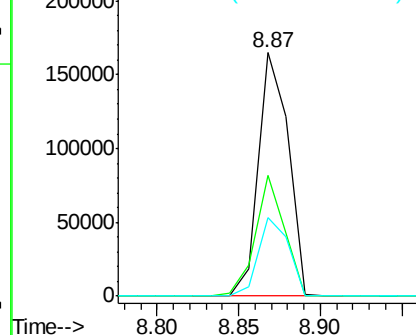


#46
 2-Chloronaphthalene
 Concen: 32.59 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:162 Resp: 210882
 Ion Ratio Lower Upper
 162 100
 127 49.6 27.6 41.4#
 164 32.0 25.4 38.2



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

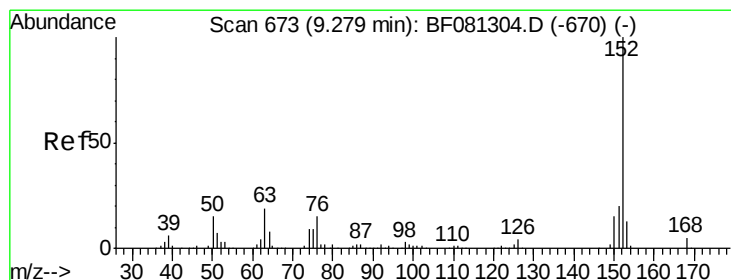
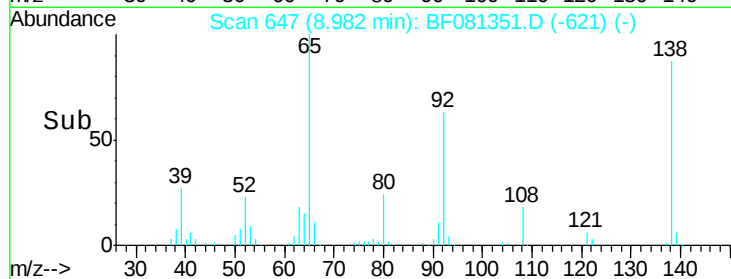
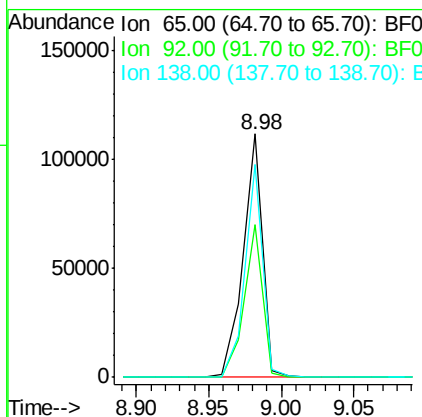
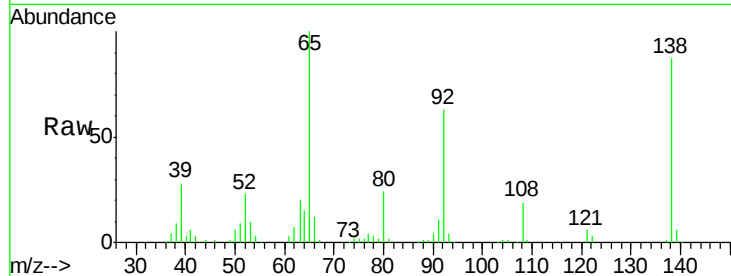




#47
2-Nitroaniline
Concen: 39.14 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

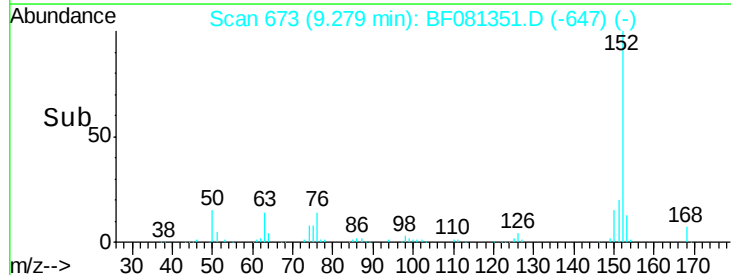
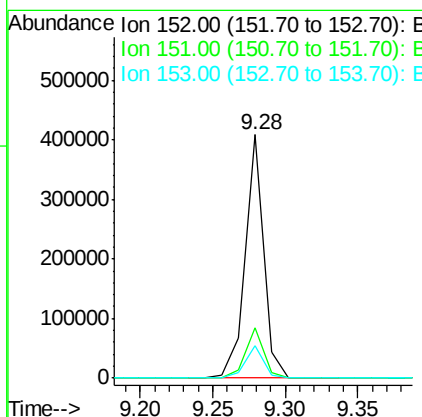
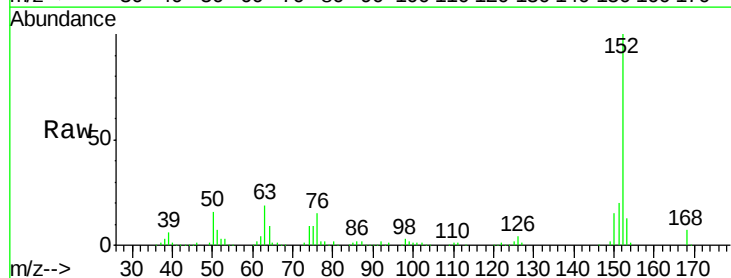
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

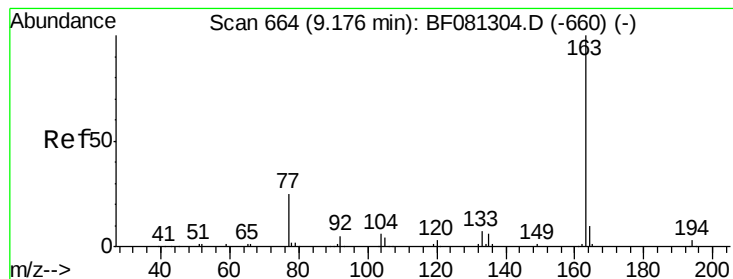
Tot Ion: 65 Resp: 103229
Ion Ratio Lower Upper
65 100
92 62.5 55.4 83.0
138 87.4 115.5 173.3#



#48
Acenaphthylene
Concen: 31.41 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion: 152 Resp: 360607
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.2 10.3 15.5





#49

Dimethylphthalate

Concen: 50.75 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

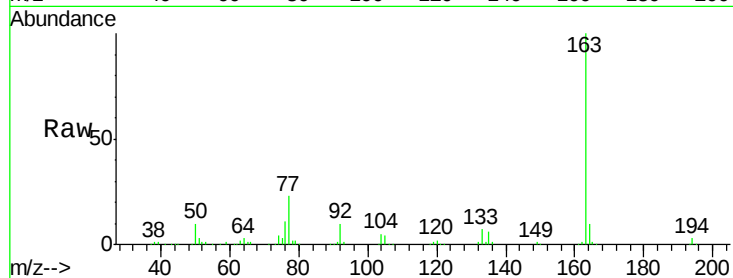
Tot Ion:163 Resp: 384003

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

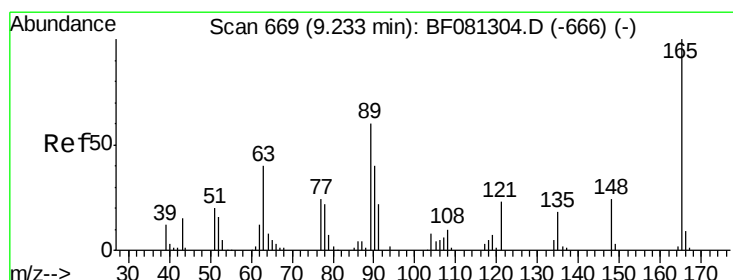
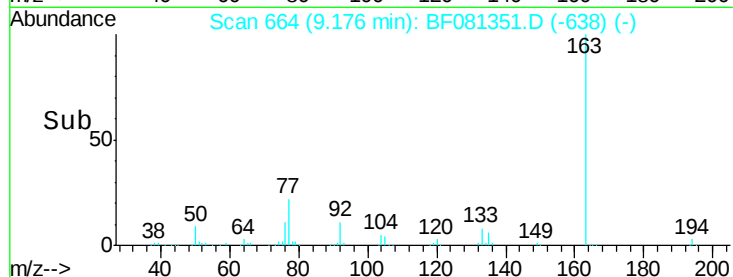
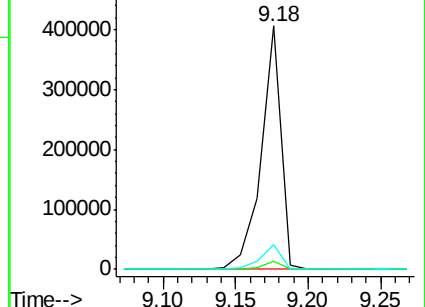
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 30.97 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

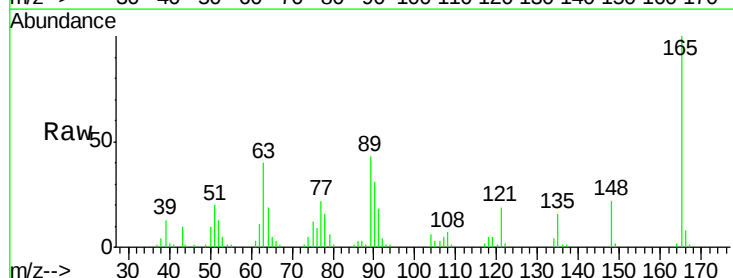
Tgt Ion:165 Resp: 53195

Ion Ratio Lower Upper

165 100

63 39.6 32.3 48.5

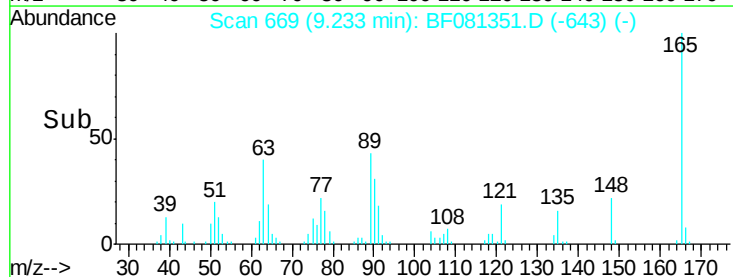
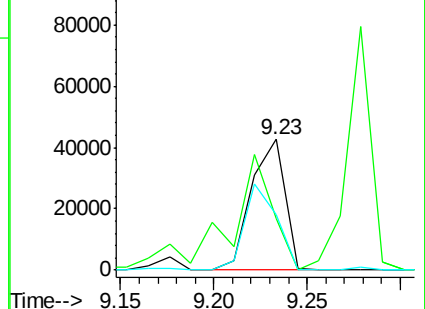
89 42.7 28.6 43.0

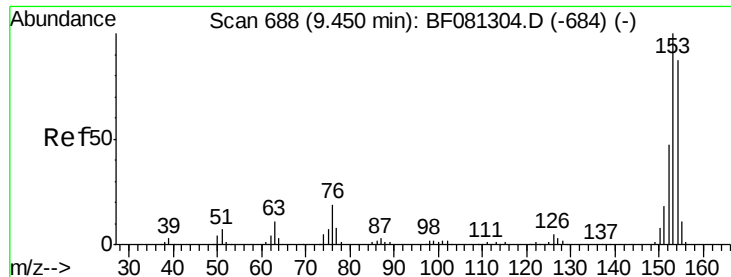


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.44 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

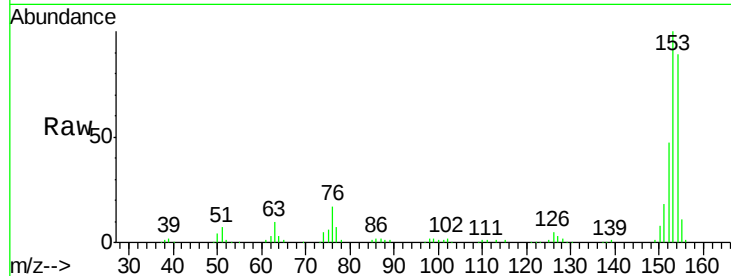
Tot Ion:154 Resp: 205307

Ion Ratio Lower Upper

154 100

153 112.9 82.1 123.1

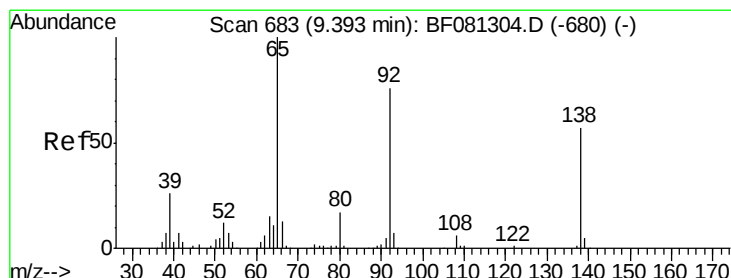
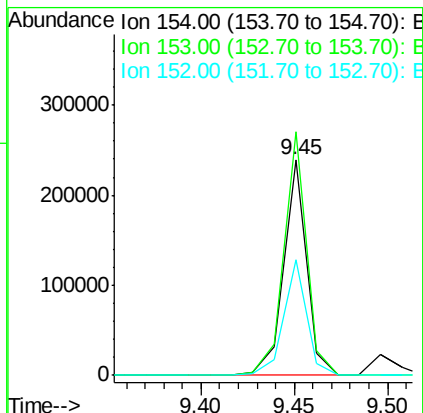
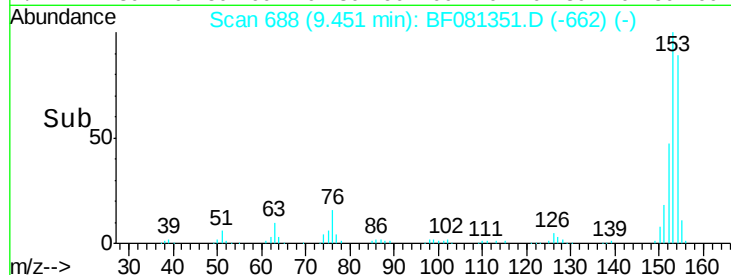
152 53.5 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.41 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

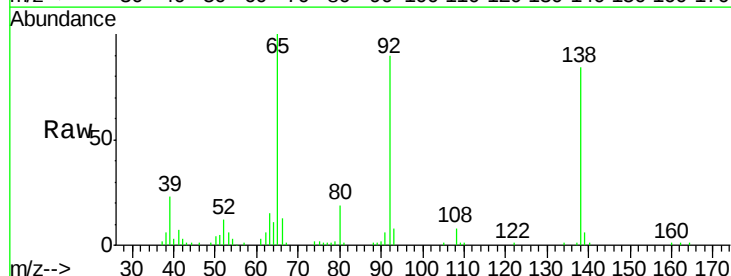
Tgt Ion:138 Resp: 57504

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

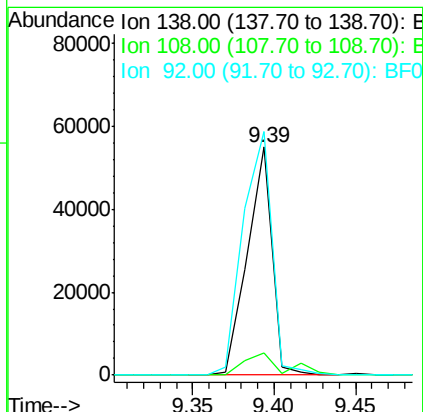
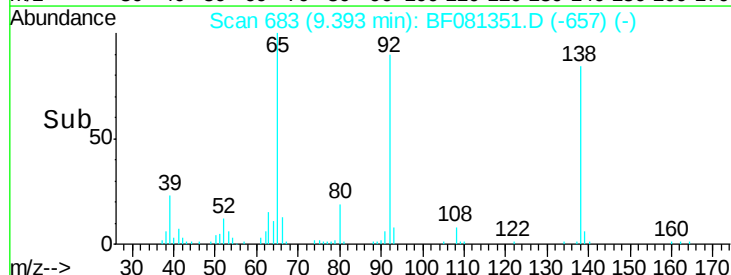
92 106.9 67.7 101.5#

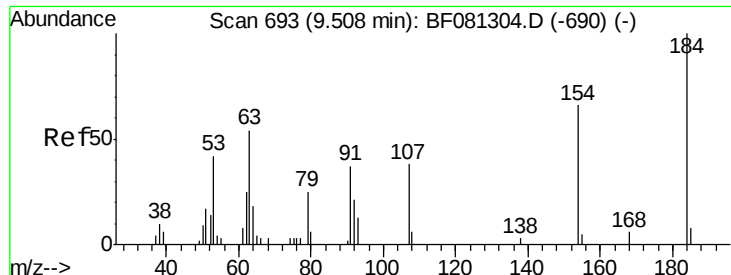


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

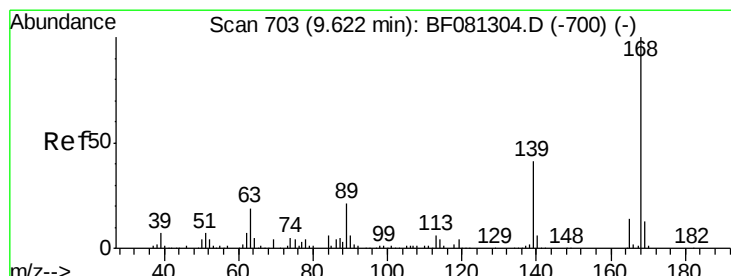
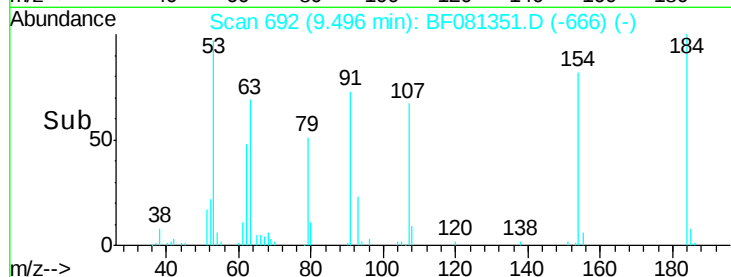
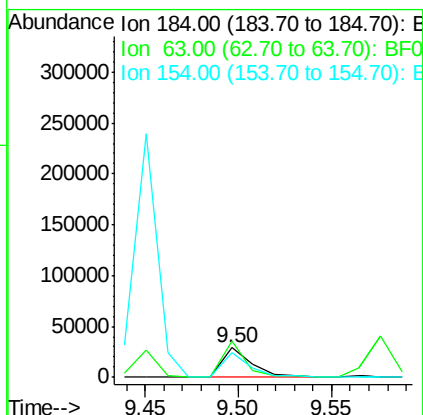
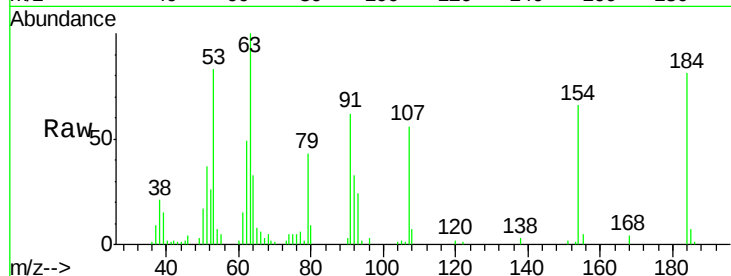




#53
 2,4-Dinitrophenol
 Concen: 45.69 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

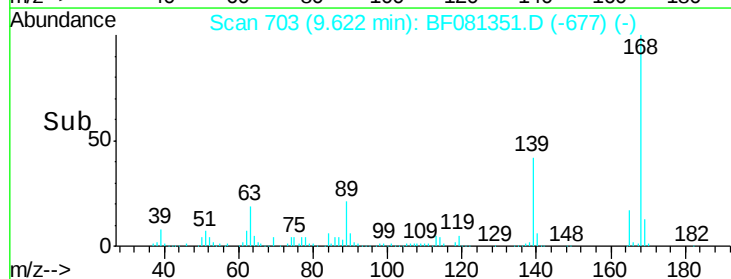
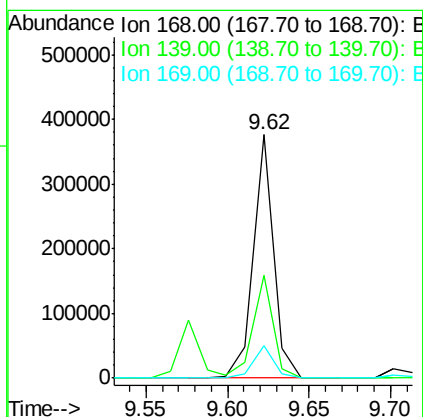
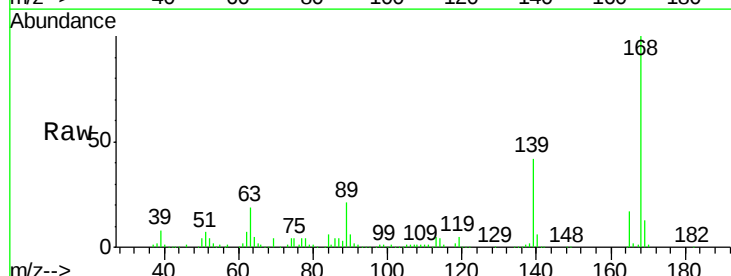
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

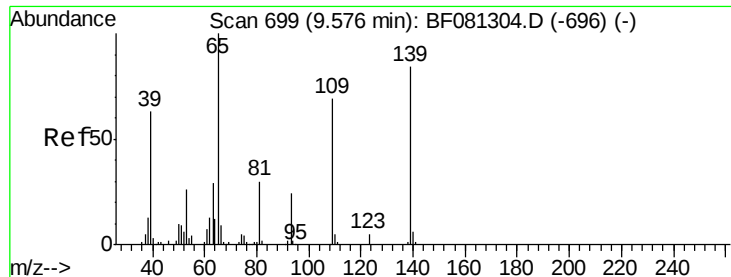
Tot Ion:184 Resp: 33050
 Ion Ratio Lower Upper
 184 100
 63 123.6 35.4 53.2#
 154 81.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 34.15 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:168 Resp: 325678
 Ion Ratio Lower Upper
 168 100
 139 42.0 24.2 36.2#
 169 13.2 10.6 15.8

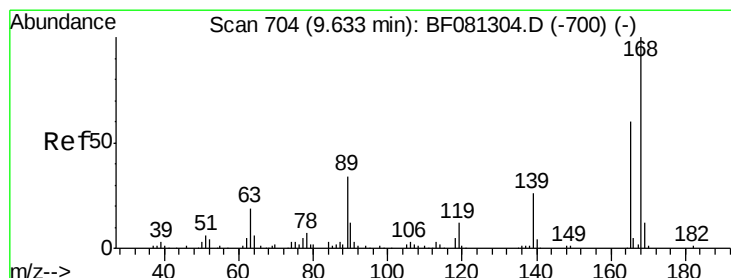
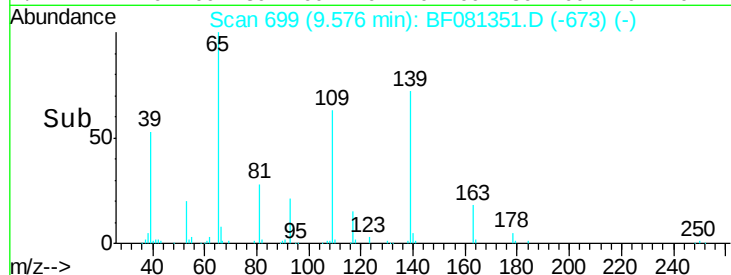
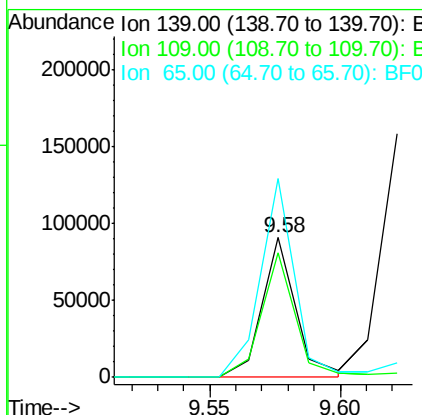
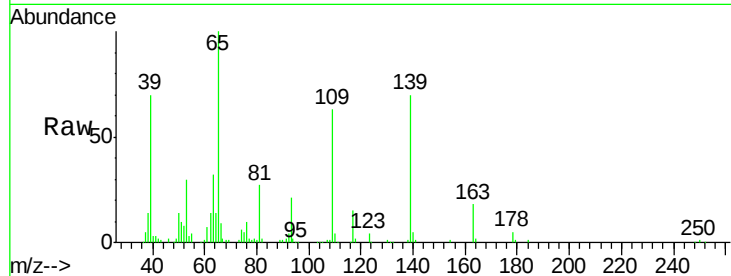




#55
4-Nitrophenol
Concen: 66.44 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

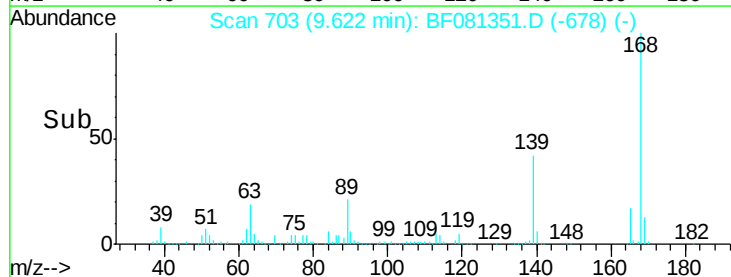
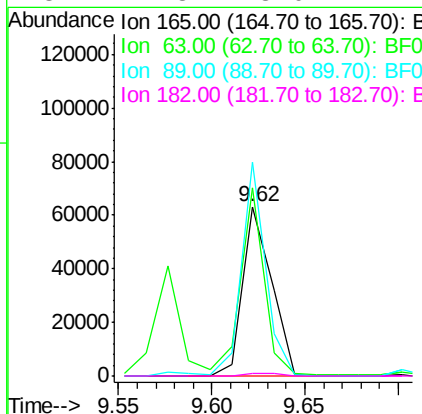
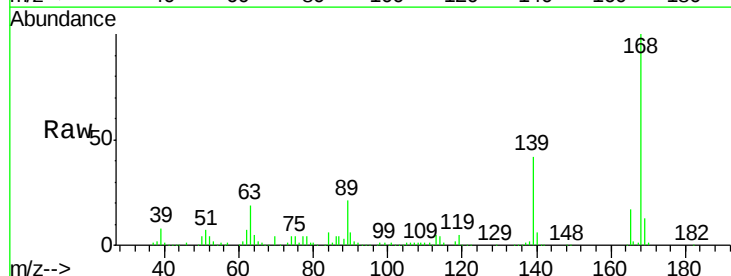
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

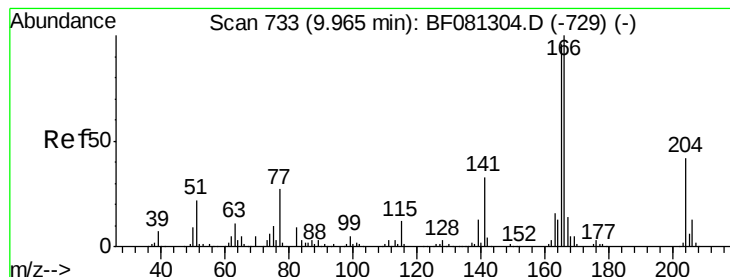
Tot Ion:139 Resp: 81613
Ion Ratio Lower Upper
139 100
109 89.3 12.7 52.7#
65 142.1 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 31.40 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:165 Resp: 68676
Ion Ratio Lower Upper
165 100
63 111.2 29.8 44.6#
89 125.9 44.5 66.7#
182 1.8 3.0 4.4#





#57

Fluorene

Concen: 36.18 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

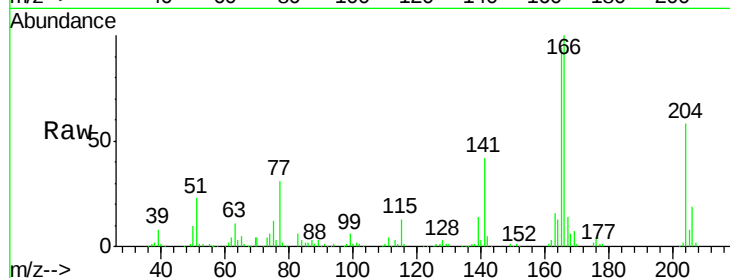
Tot Ion:166 Resp: 261851

Ion Ratio Lower Upper

166 100

165 94.0 72.6 109.0

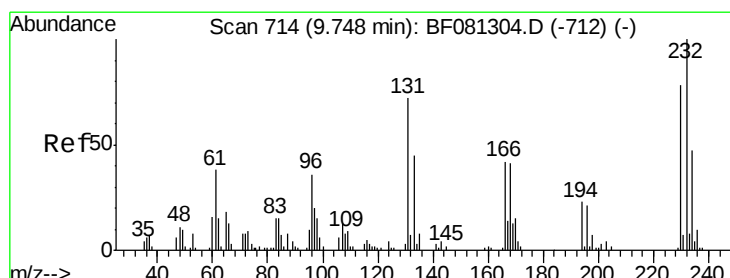
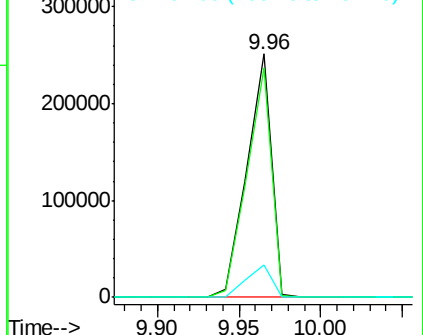
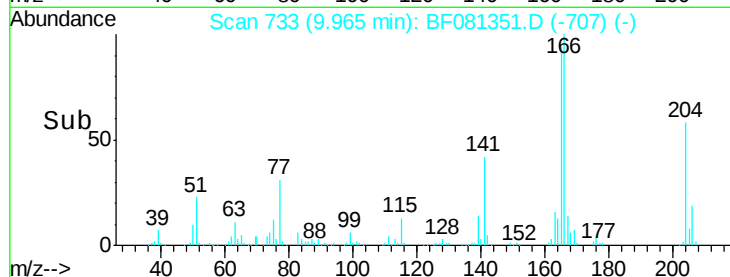
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.61 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Tgt Ion:232 Resp: 63927

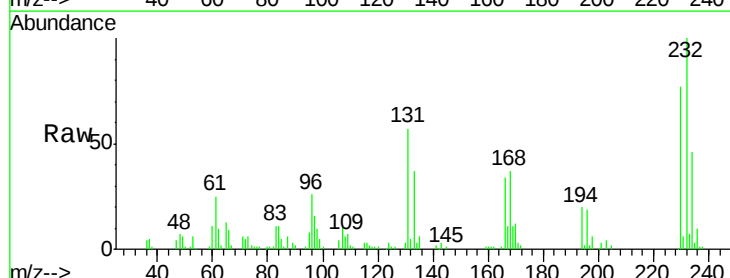
Ion Ratio Lower Upper

232 100

131 53.9 38.5 57.7

130 2.3 1.8 2.6

166 31.8 25.0 37.6

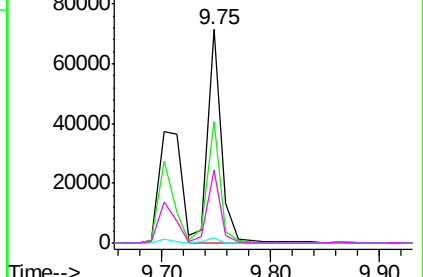
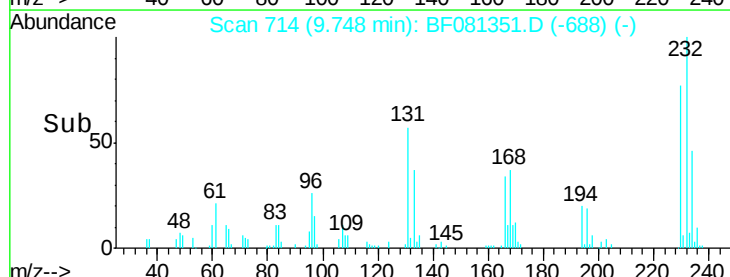


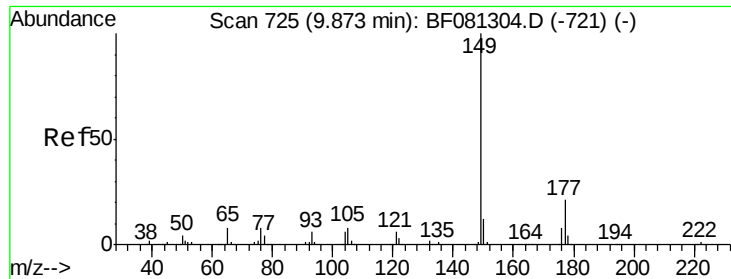
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

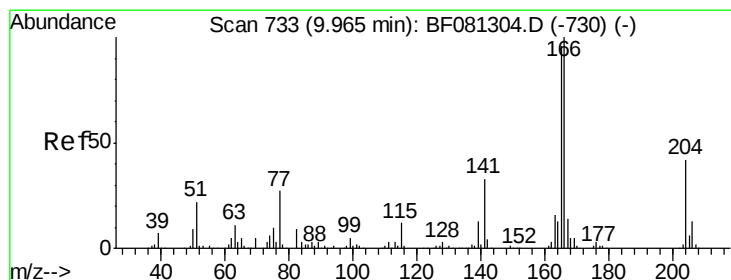
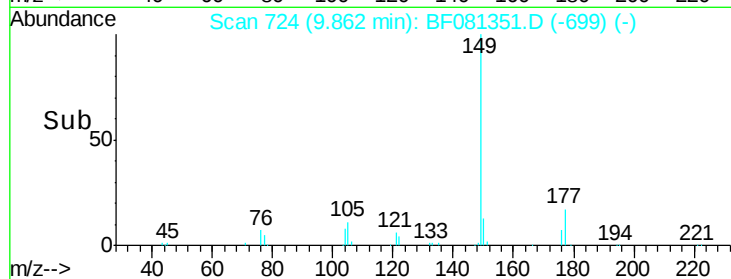
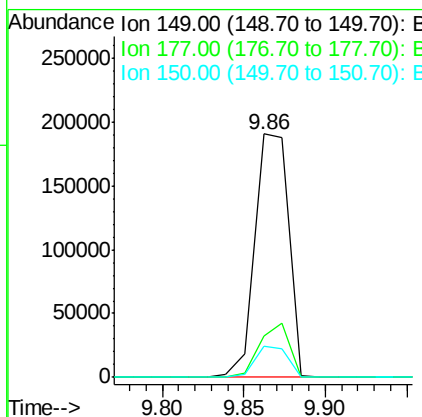
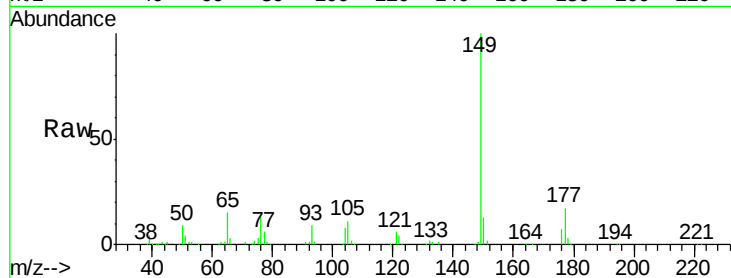




#59
Diethylphthalate
Concen: 34.57 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

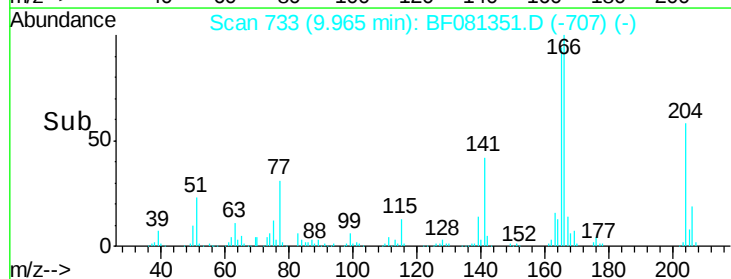
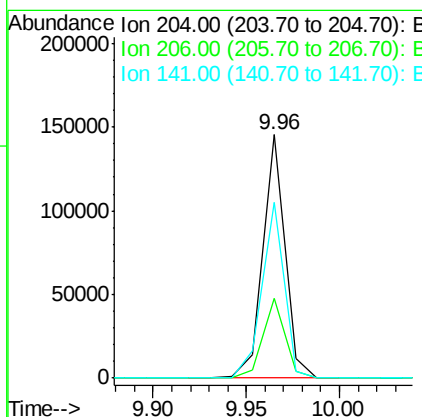
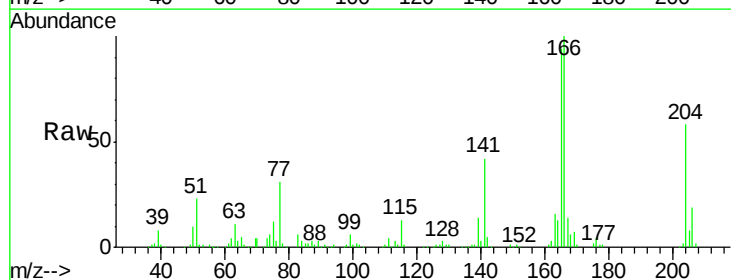
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

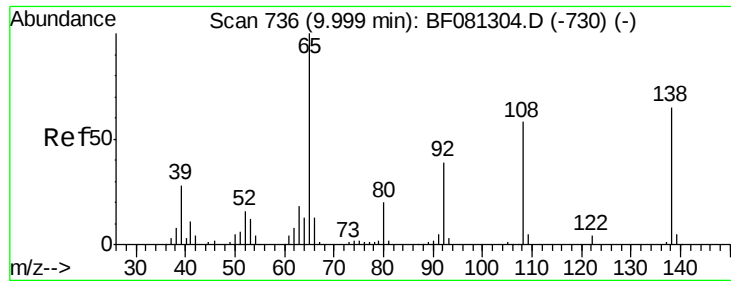
Tot Ion:149 Resp: 275173
Ion Ratio Lower Upper
149 100
177 17.2 17.5 26.3#
150 12.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 35.02 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:204 Resp: 118111
Ion Ratio Lower Upper
204 100
206 32.6 24.8 37.2
141 72.4 42.2 63.4#

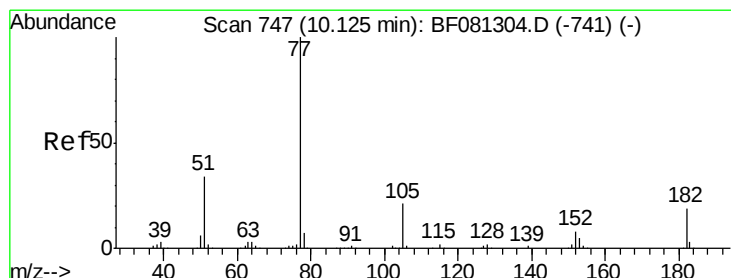
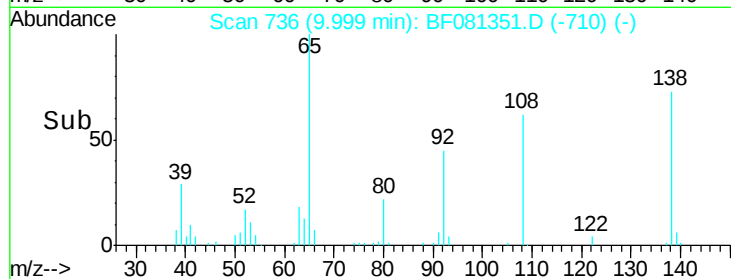
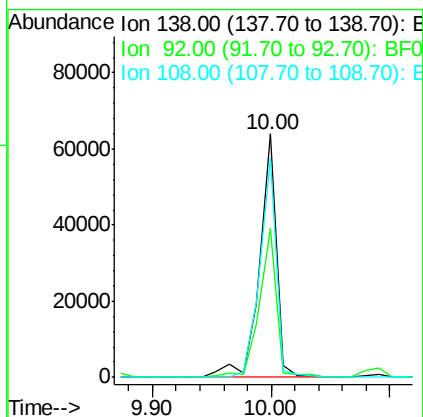
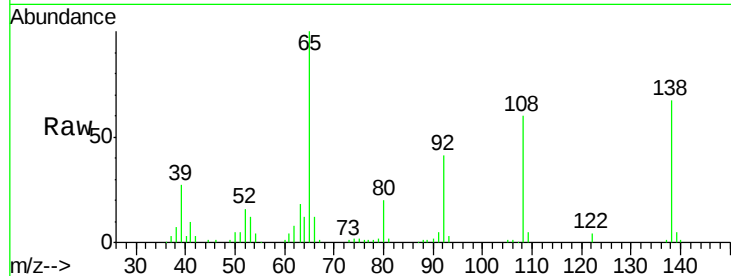




#61
4-Nitroaniline
Concen: 32.47 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

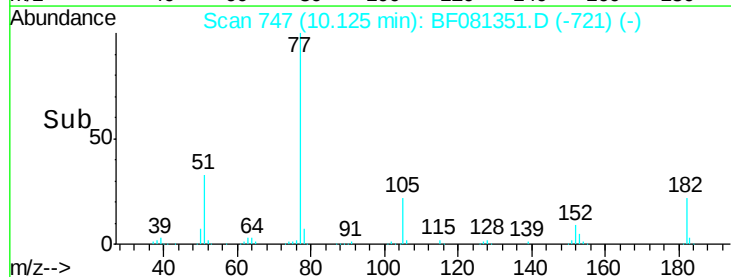
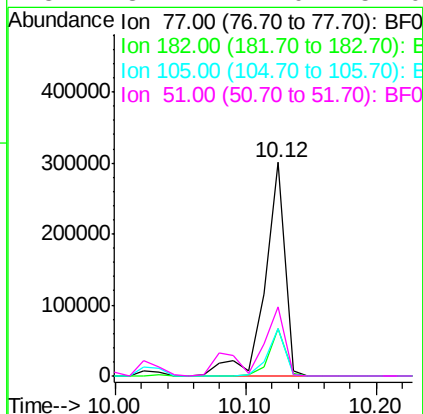
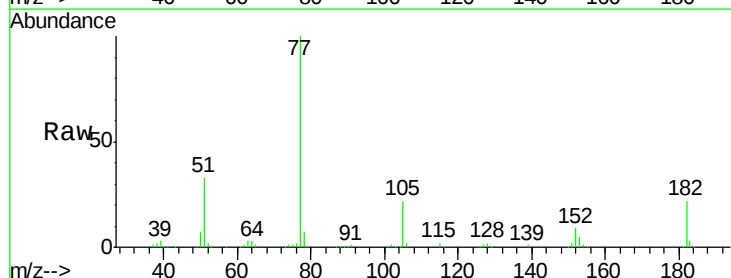
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

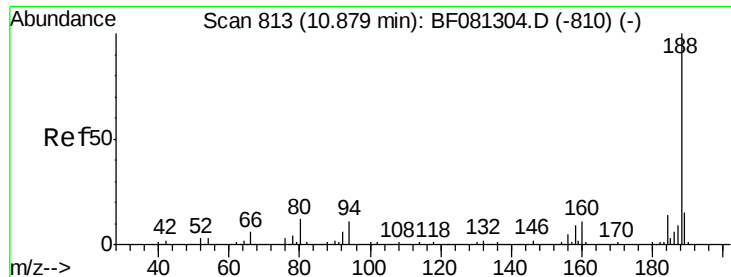
Tot Ion:138 Resp: 64133
Ion Ratio Lower Upper
138 100
92 61.0 12.6 52.6#
108 89.9 12.4 52.4#



#62
Azobenzene
Concen: 36.74 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion: 77 Resp: 325099
Ion Ratio Lower Upper
77 100
182 22.4 15.1 55.1
105 22.1 3.4 43.4
51 32.7 12.0 52.0

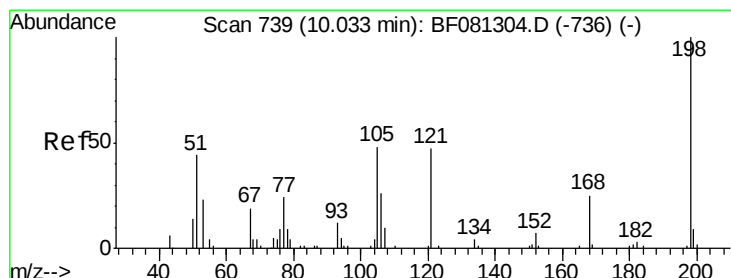
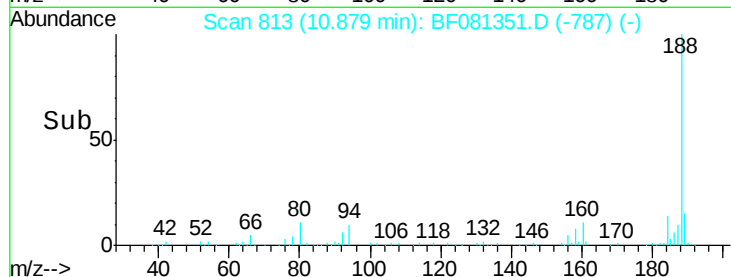
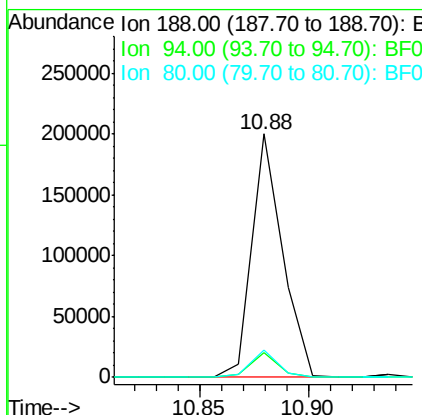
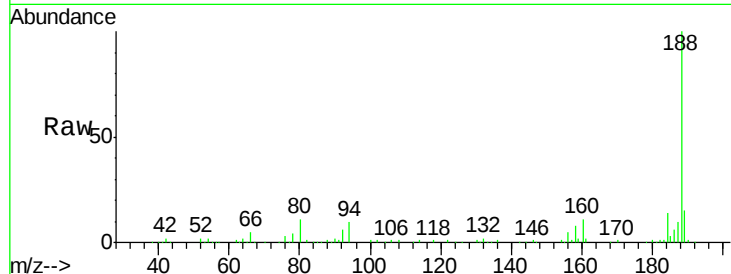




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

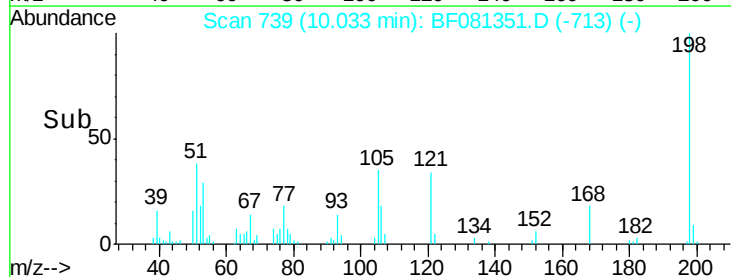
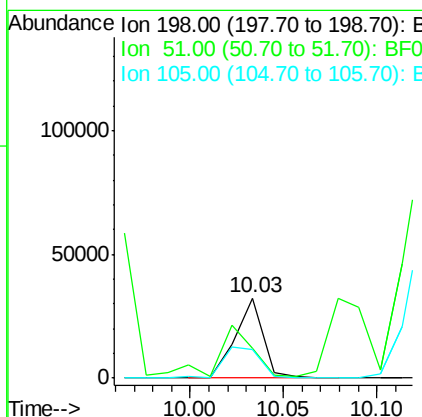
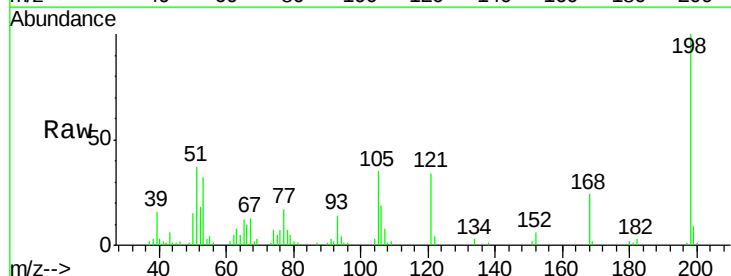
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

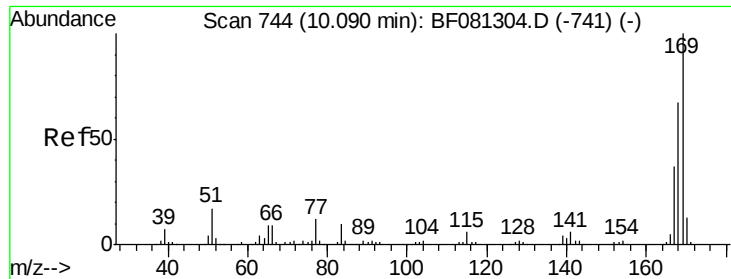
Tot Ion:188 Resp: 196633
 Ion Ratio Lower Upper
 188 100
 94 10.0 11.1 16.7#
 80 11.2 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.31 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:198 Resp: 33335
 Ion Ratio Lower Upper
 198 100
 51 37.1 39.6 79.6#
 105 35.0 28.5 68.5

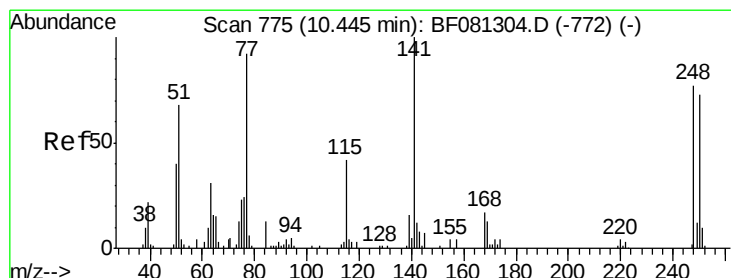
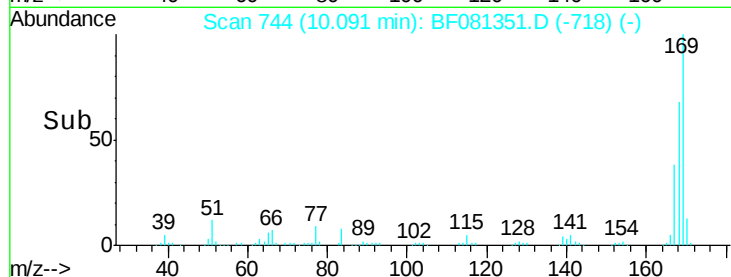
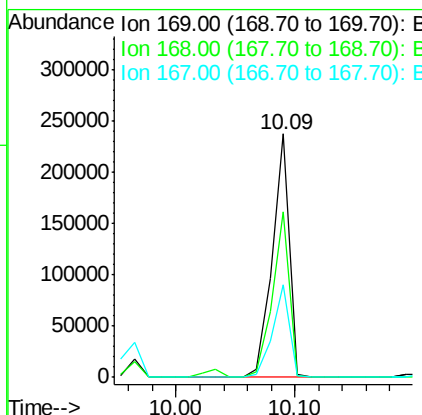
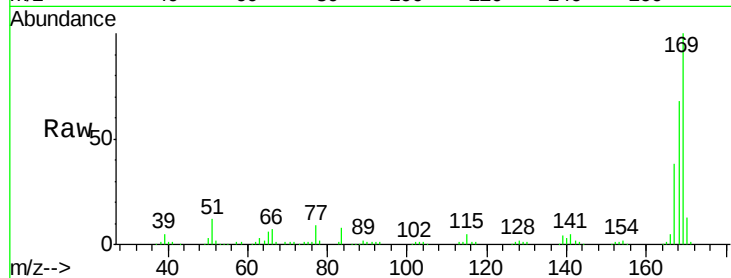




#65
 n-Nitrosodiphenylamine
 Concen: 33.25 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

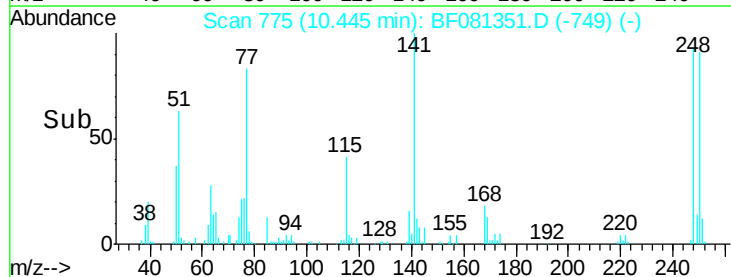
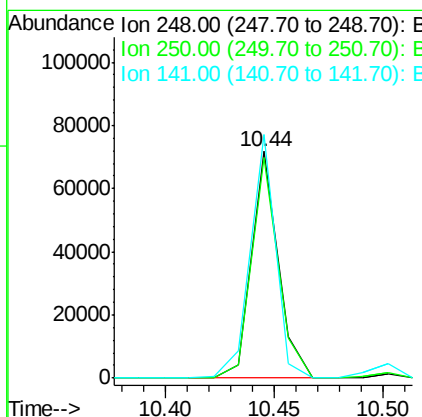
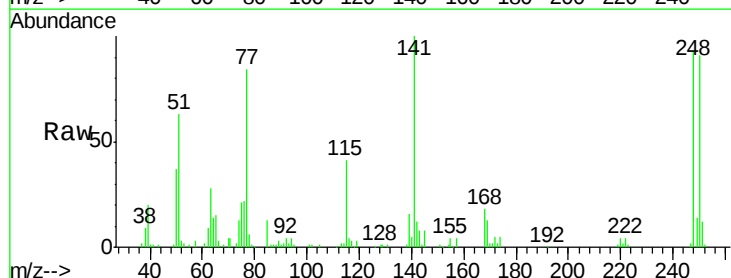
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

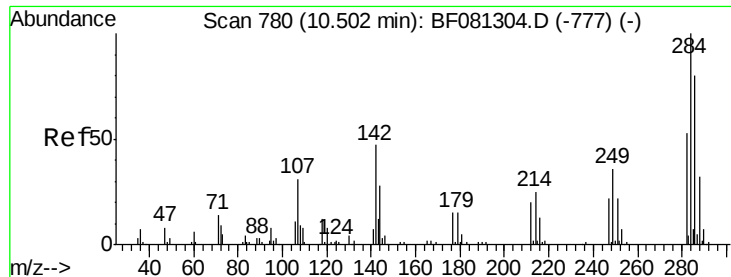
Tot Ion:169 Resp: 237895
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 38.1 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 30.67 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:248 Resp: 60983
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.5 117.7
 141 107.4 59.0 88.6#





#67

Hexachlorobenzene

Concen: 32.98 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

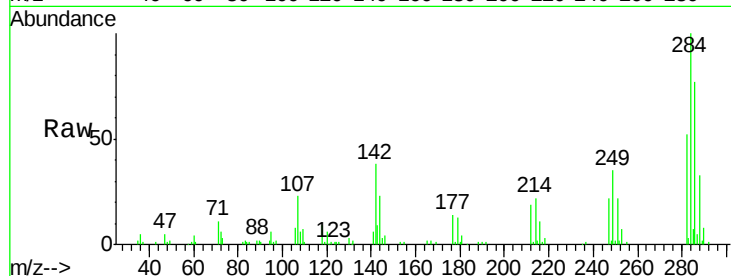
Tot Ion:284 Resp: 68558

Ion Ratio Lower Upper

284 100

142 37.9 29.5 44.3

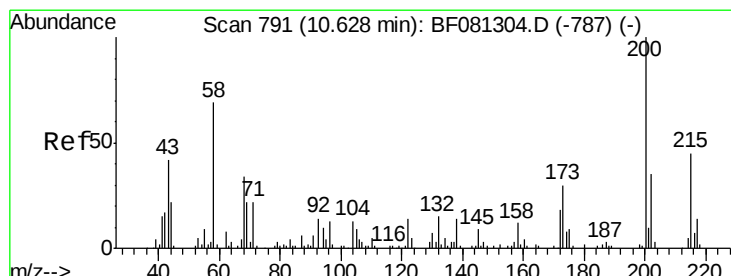
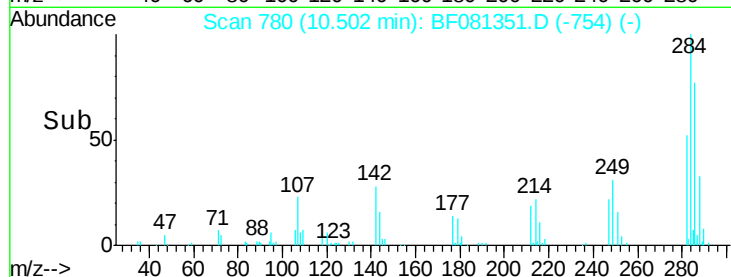
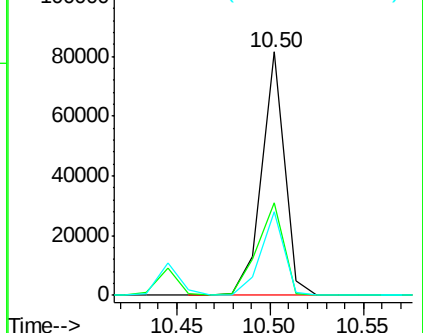
249 34.5 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.71 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

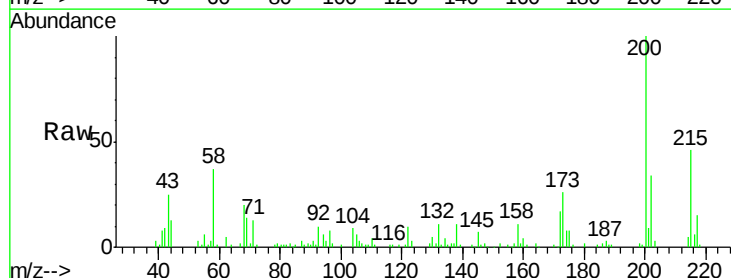
Tgt Ion:200 Resp: 76018

Ion Ratio Lower Upper

200 100

173 25.6 13.2 53.2

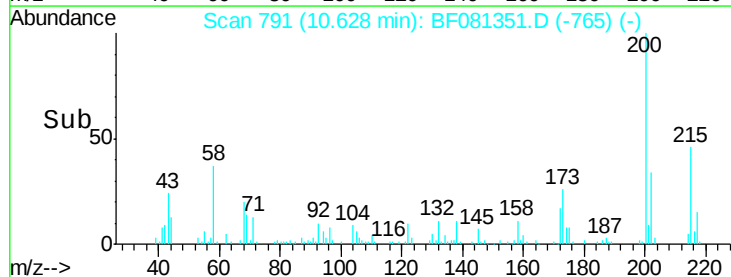
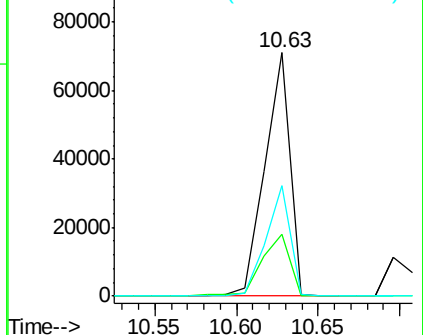
215 45.6 41.8 81.8

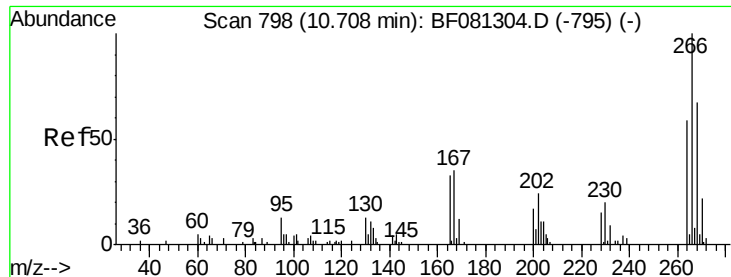


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

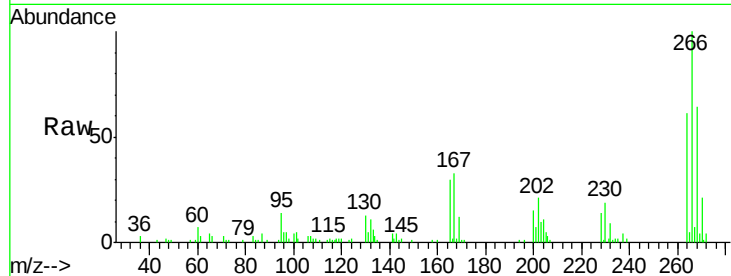




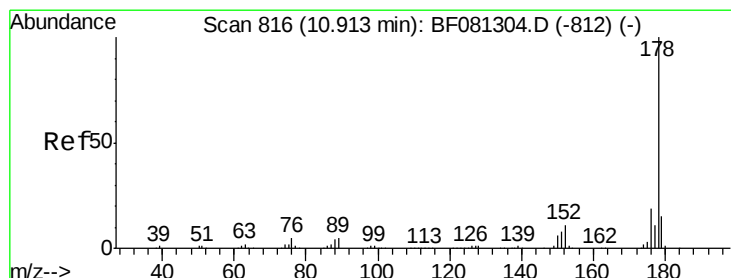
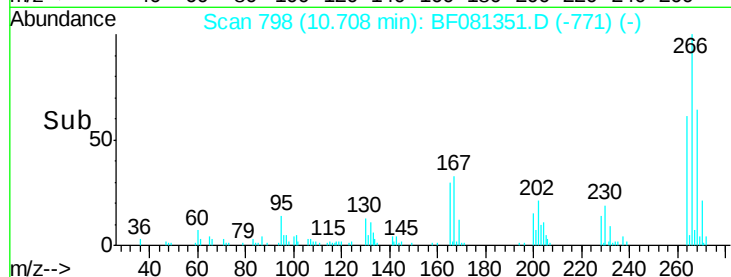
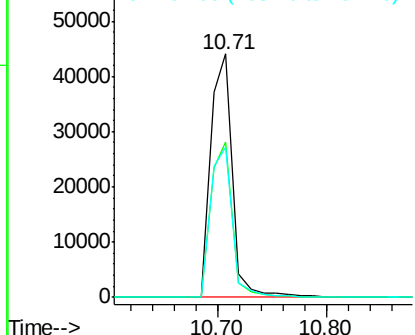
#69
 Pentachlorophenol
 Concen: 62.82 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:266 Resp: 61441
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.8 74.6
 264 61.5 50.2 75.2

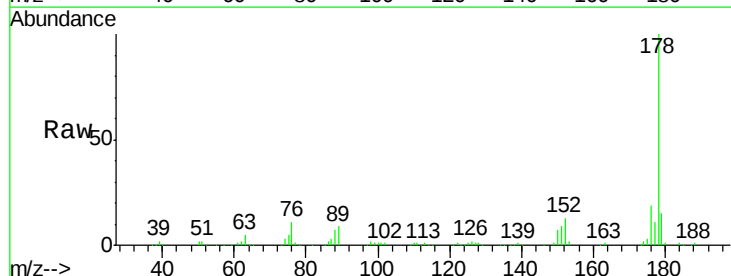


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

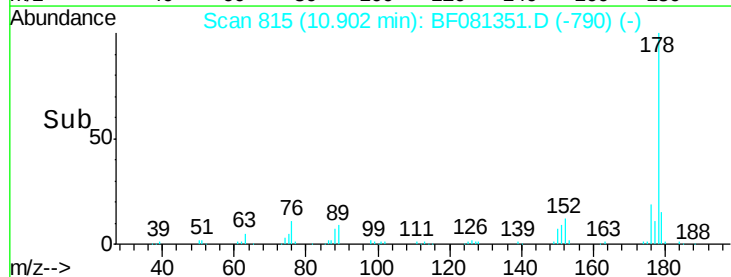
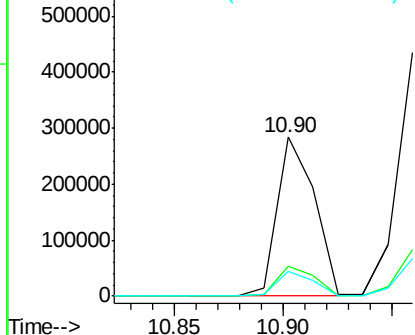


#70
 Phenanthrene
 Concen: 31.10 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:178 Resp: 339927
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

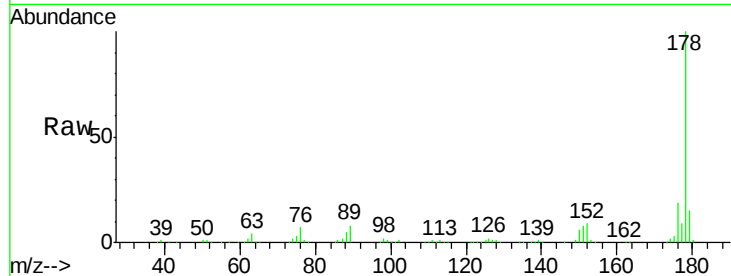




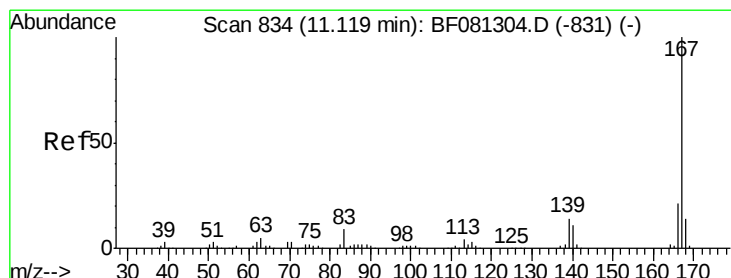
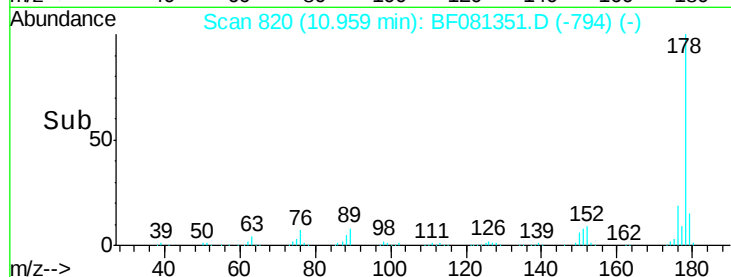
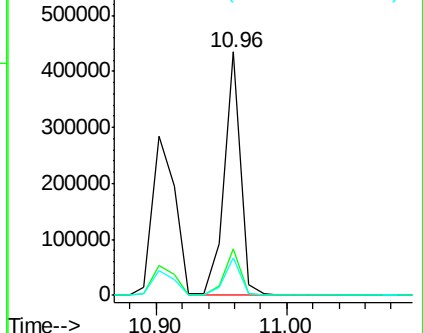
#71
 Anthracene
 Concen: 33.79 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:178 Resp: 379468
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.4 12.2 18.2

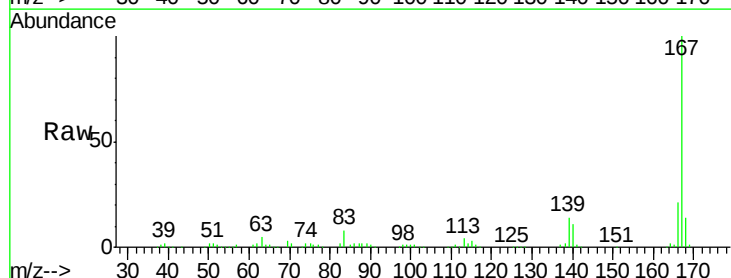


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

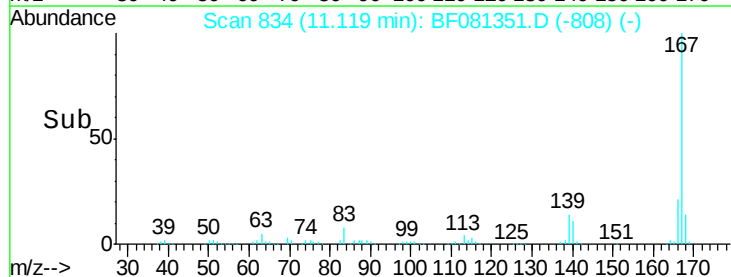
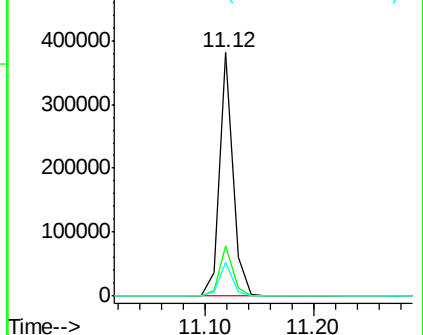


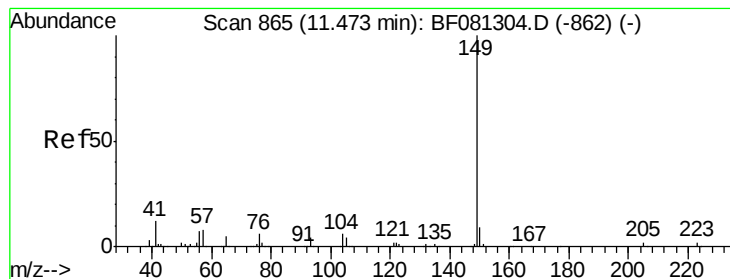
#72
 Carbazole
 Concen: 31.46 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:167 Resp: 331579
 Ion Ratio Lower Upper
 167 100
 166 20.7 15.7 23.5
 139 14.1 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.78 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

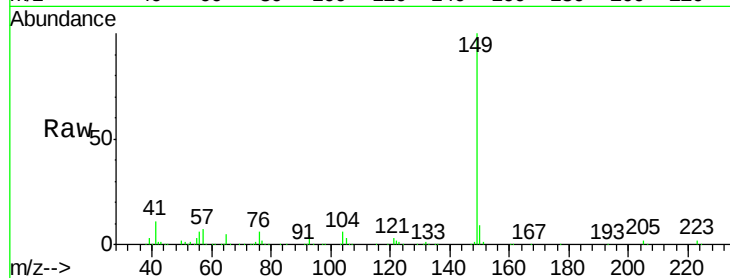
Tot Ion:149 Resp: 395507

Ion Ratio Lower Upper

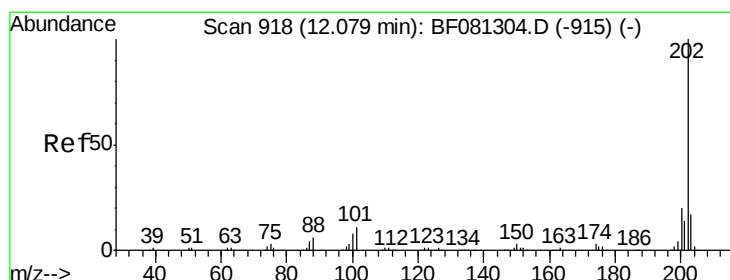
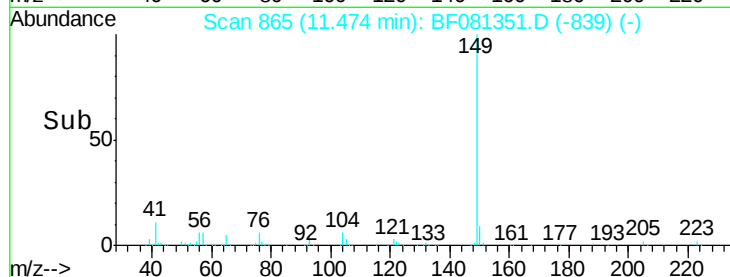
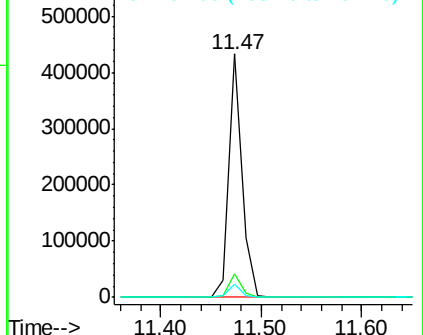
149 100

150 9.4 7.4 11.2

104 5.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.40 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

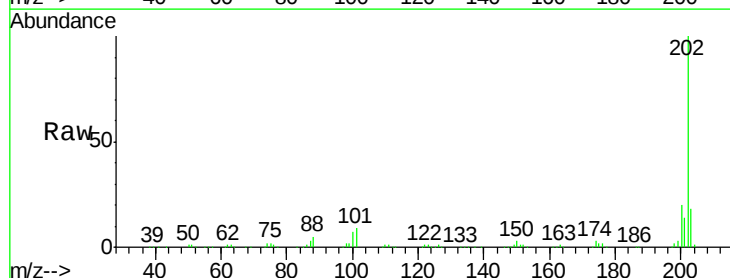
Tgt Ion:202 Resp: 383434

Ion Ratio Lower Upper

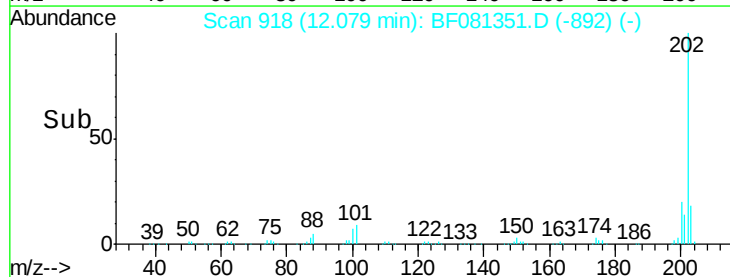
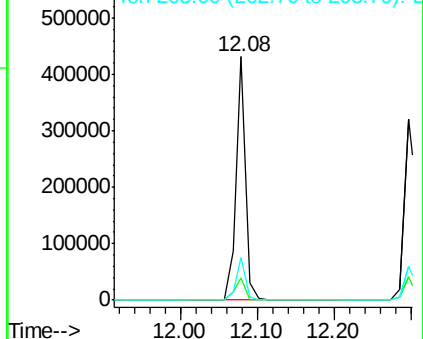
202 100

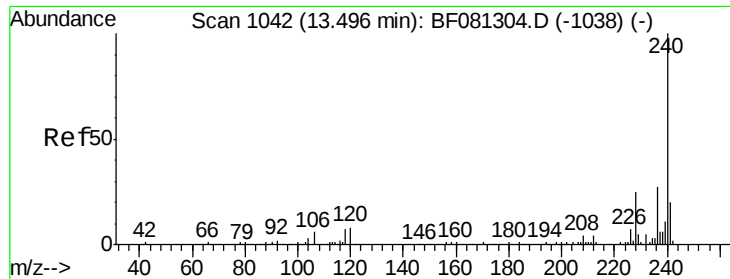
101 9.1 0.0 38.3

203 17.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

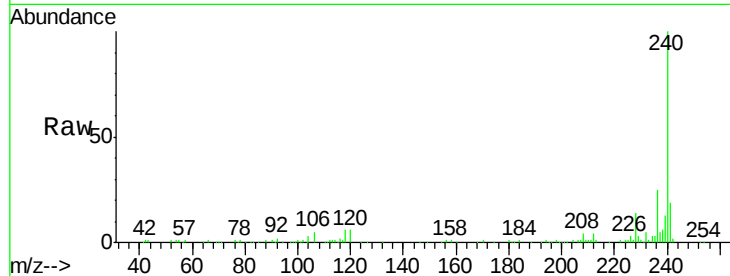
Tot Ion:240 Resp: 162208

Ion Ratio Lower Upper

240 100

120 6.4 16.2 24.2#

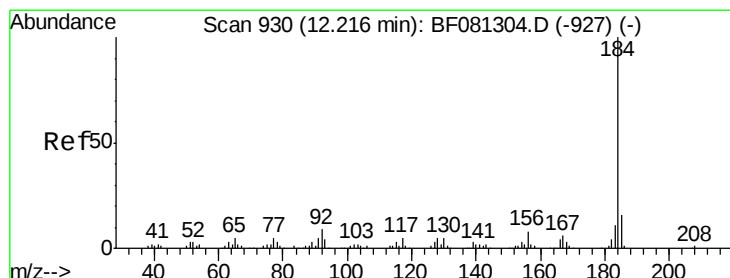
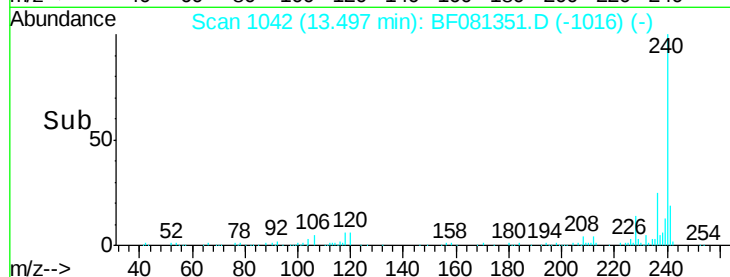
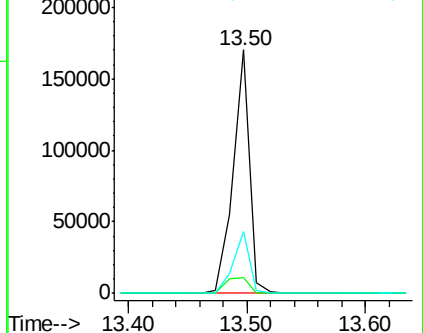
236 25.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.69 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

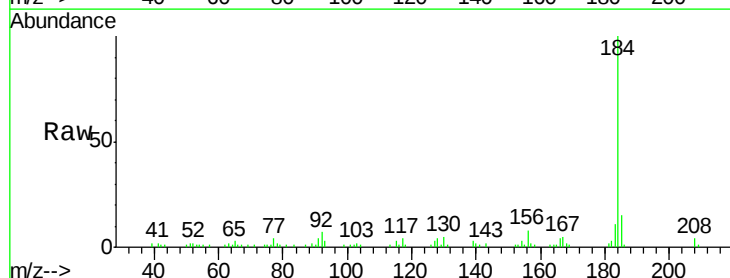
Tgt Ion:184 Resp: 60534

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

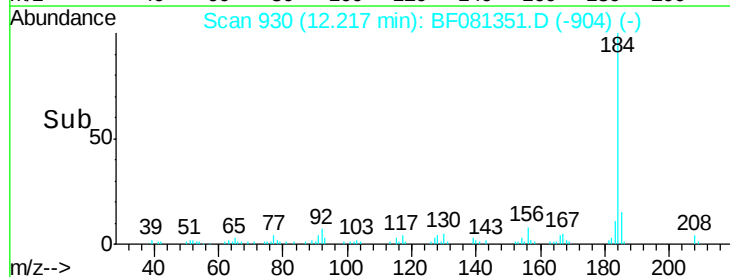
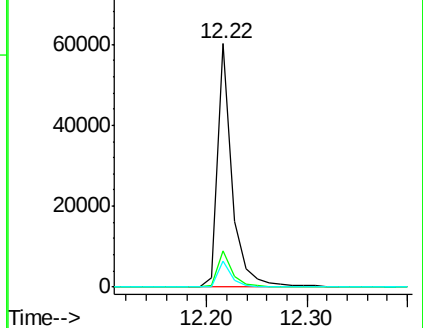
183 10.9 7.6 11.4

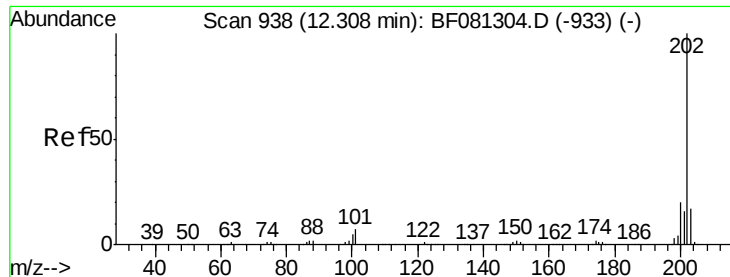


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

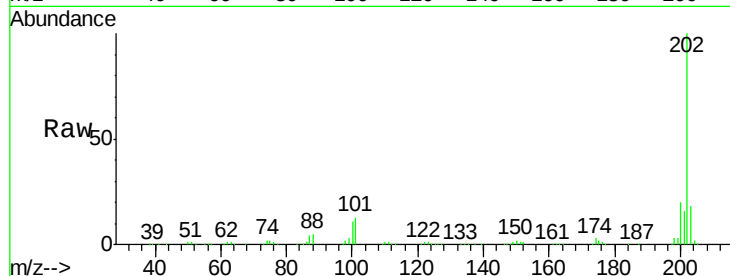




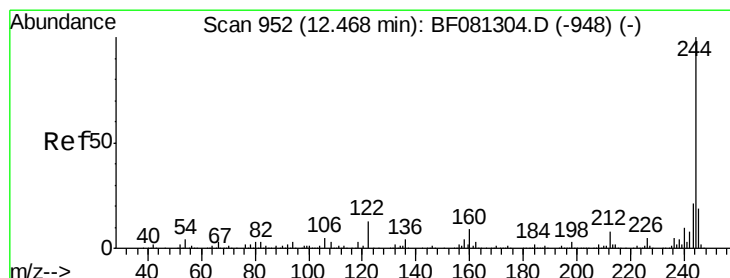
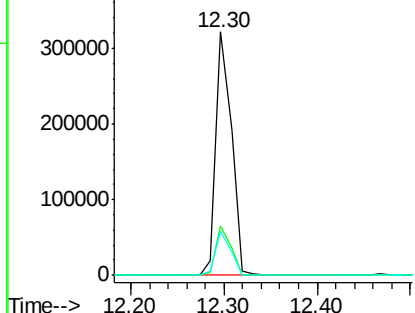
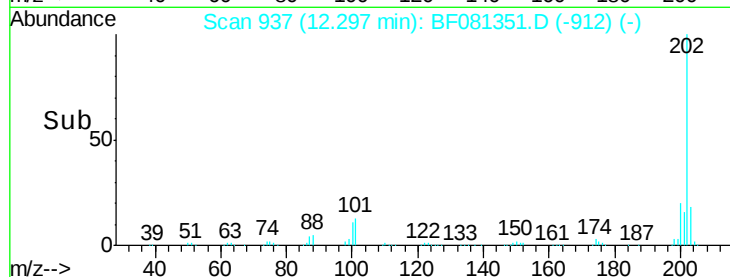
#77
Pvrene
Concen: 31.03 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:202 Resp: 372800
Ion Ratio Lower Upper
202 100
200 20.0 15.0 22.4
203 18.2 14.1 21.1

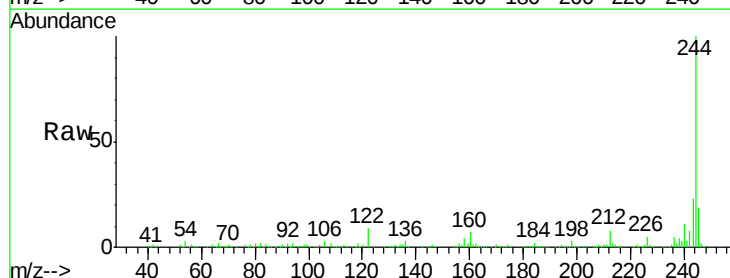


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

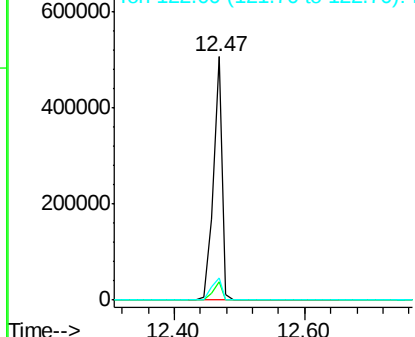
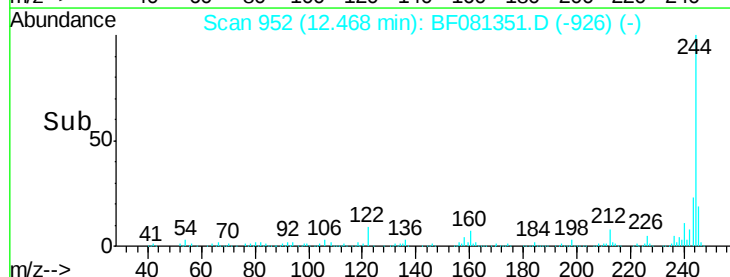


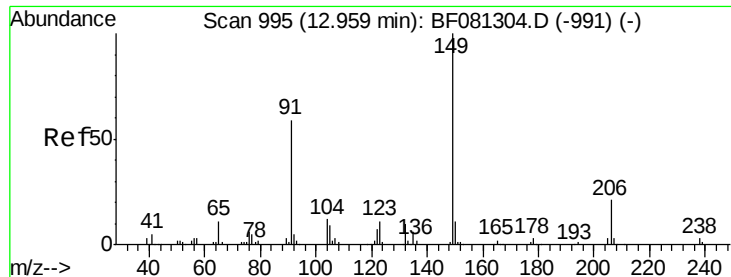
#78
Terphenyl-d14
Concen: 68.96 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:244 Resp: 480526
Ion Ratio Lower Upper
244 100
212 7.6 4.3 6.5#
122 9.1 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 31.01 ng

RT: 12.95 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MS

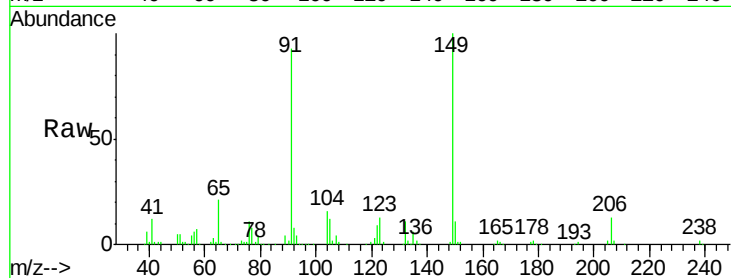
Tot Ion:149 Resp: 162060

Ion Ratio Lower Upper

149 100

91 93.0 48.6 72.8#

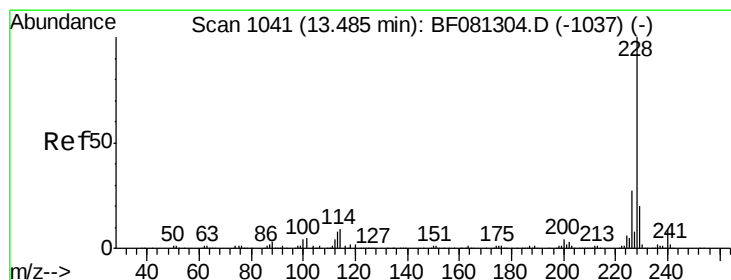
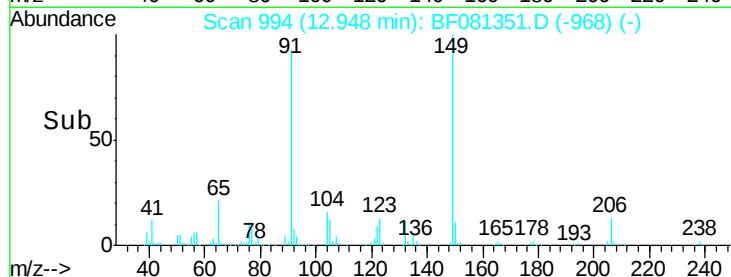
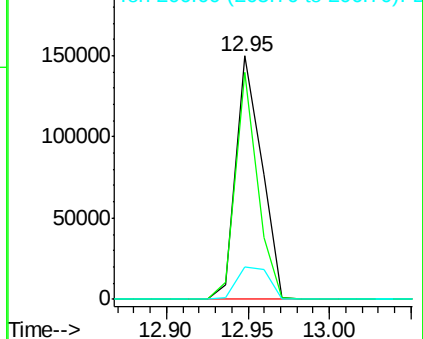
206 13.4 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.38 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081351.D

Acq: 2 Sep 2015 16:32

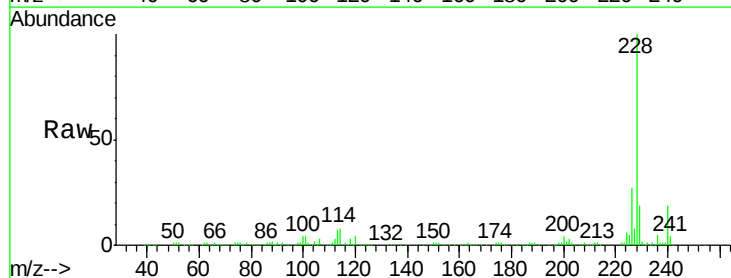
Tgt Ion:228 Resp: 313788

Ion Ratio Lower Upper

228 100

226 26.6 20.0 30.0

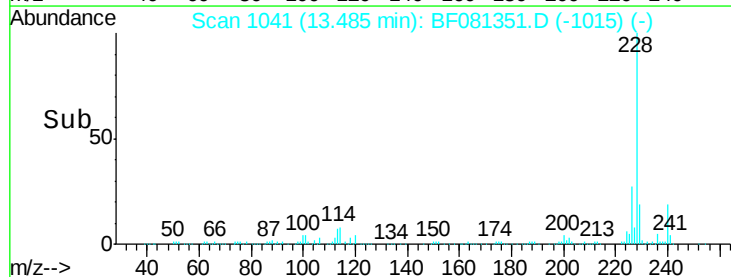
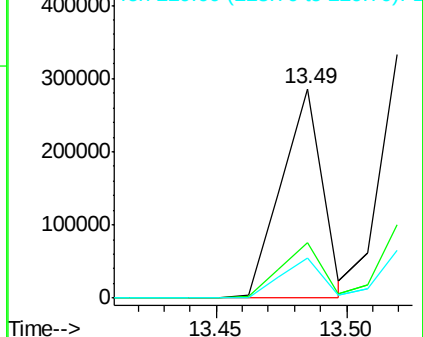
229 19.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

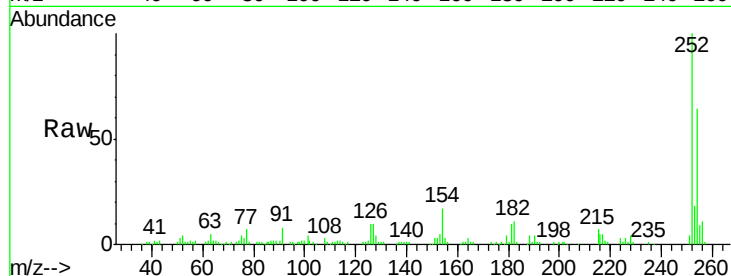




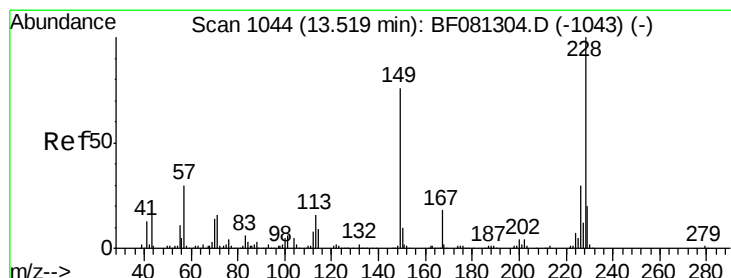
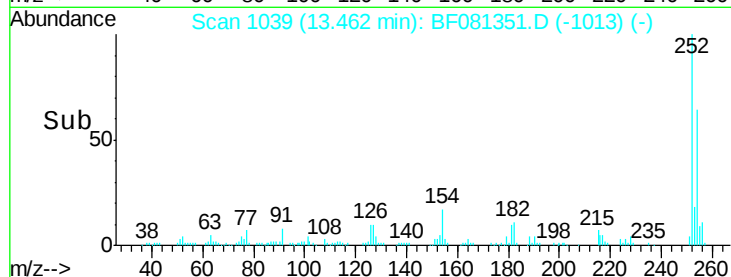
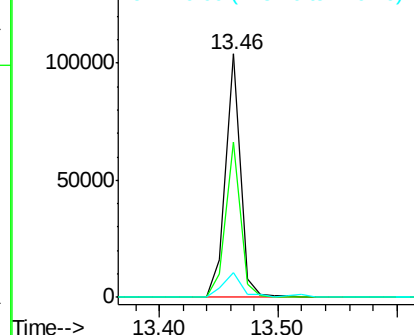
#81
 3,3'-Dichlorobenzidine
 Concen: 25.71 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.2
126	10.2	16.4	24.6

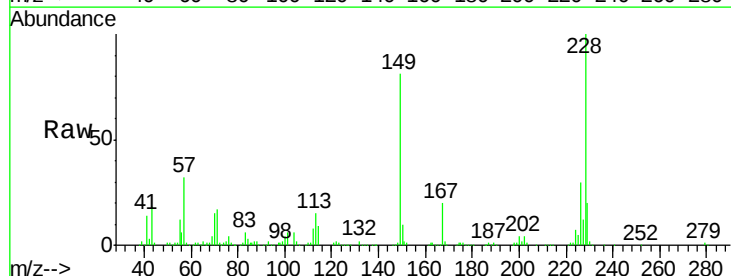


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

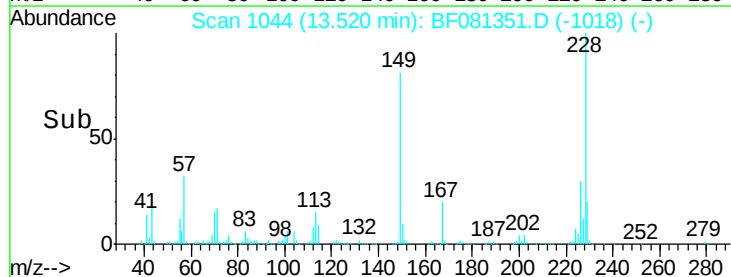
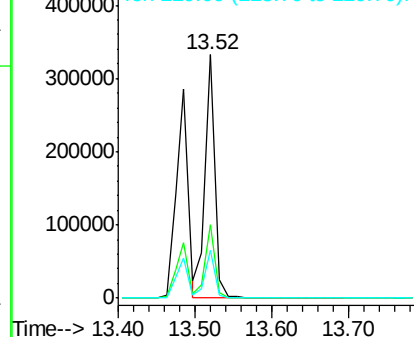


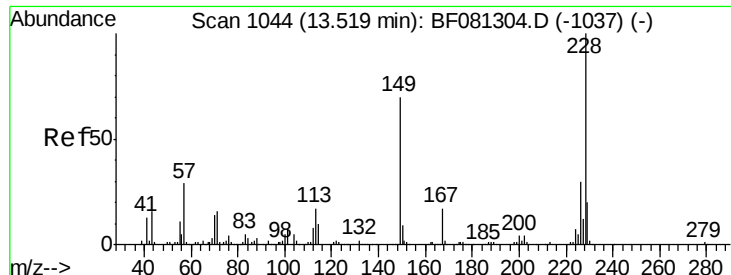
#82
 Chrysene
 Concen: 31.77 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	19.6	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

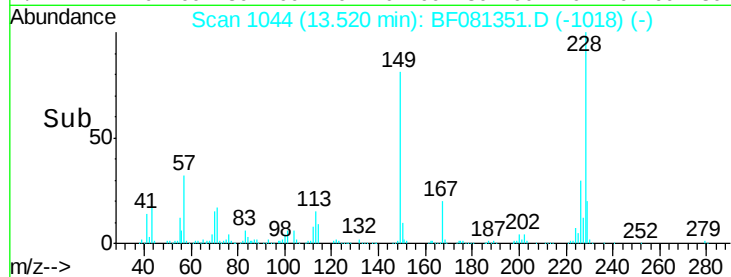
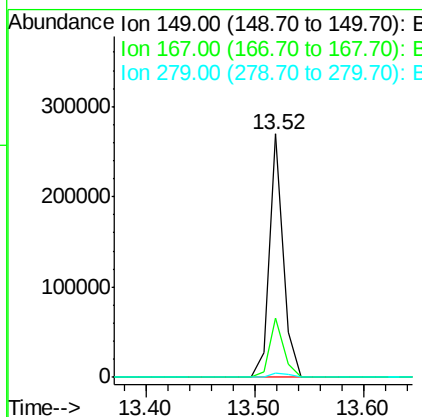
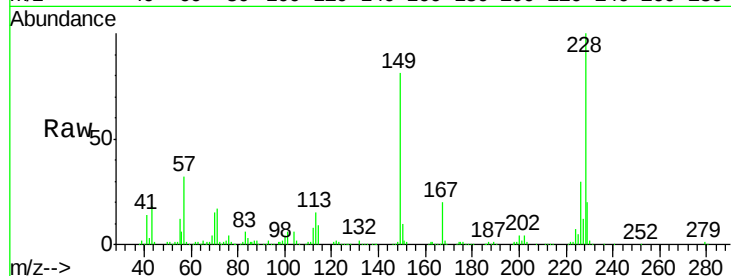




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.93 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

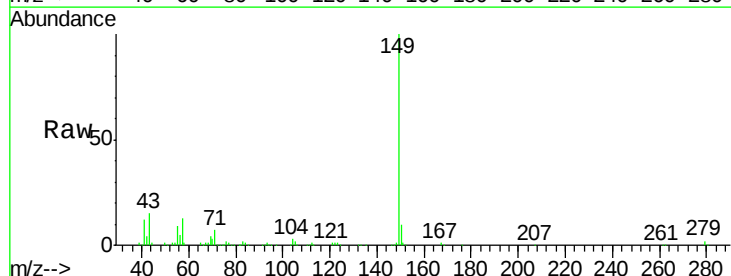
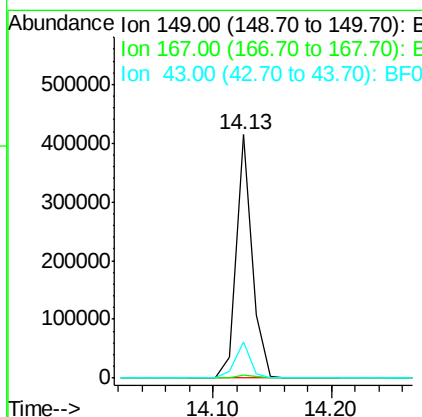
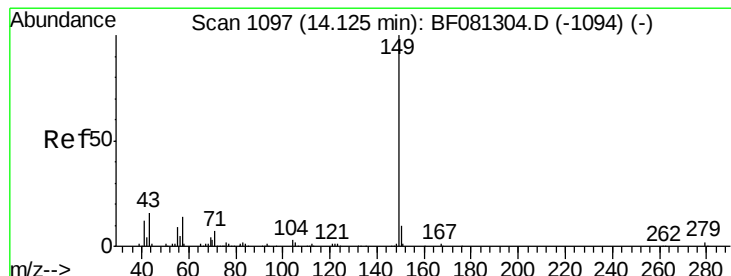
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion:149	Resp:	240847
Ion Ratio	Lower	Upper
149	100	
167	24.2	24.2 36.2
279	1.8	3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 34.08 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion:149	Resp:	386972
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.0 1.6
43	14.6	10.2 15.2

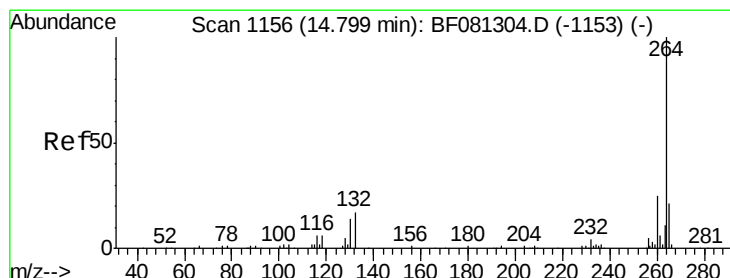
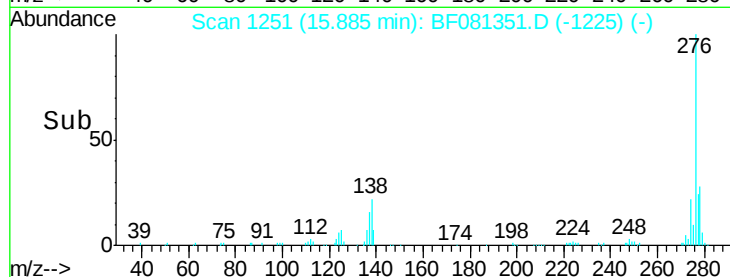
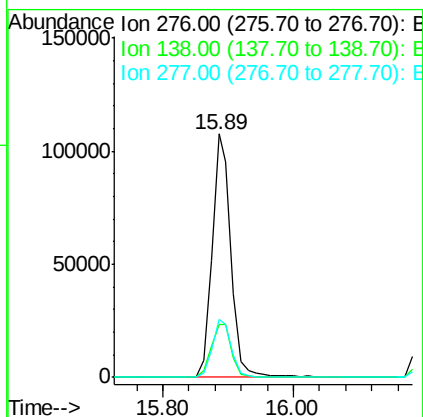
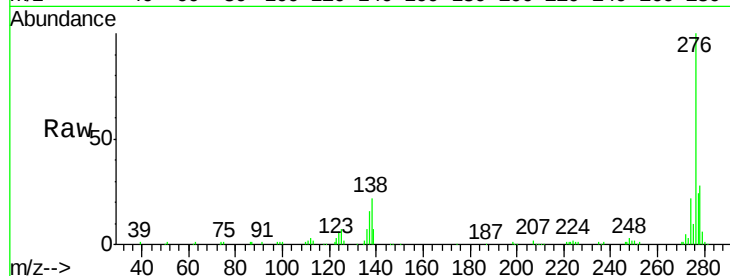




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.04 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

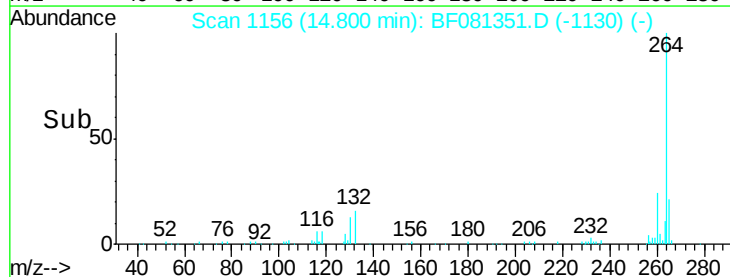
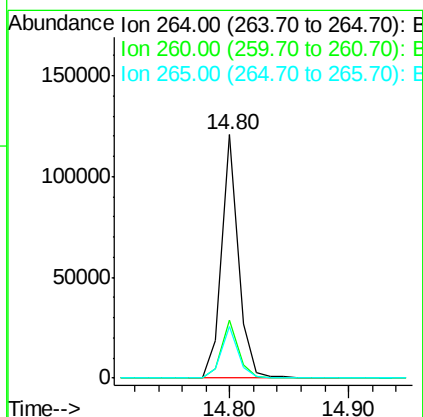
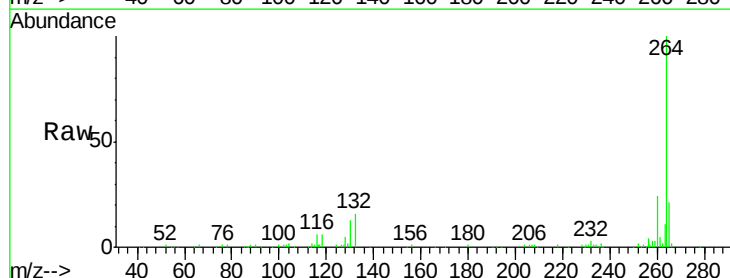
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

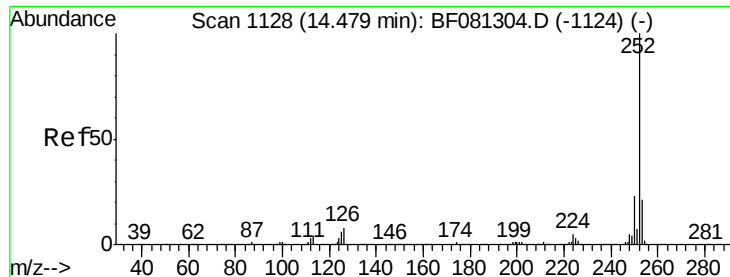
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.7	38.5#
277	24.2	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.3	17.2	25.8

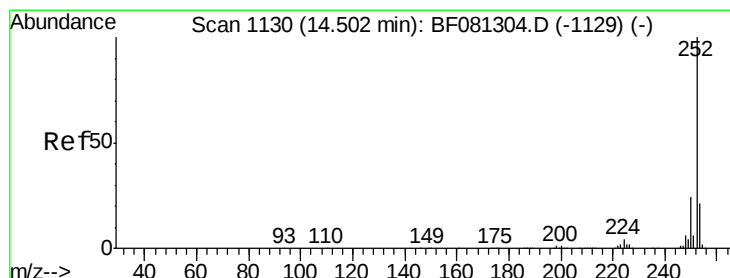
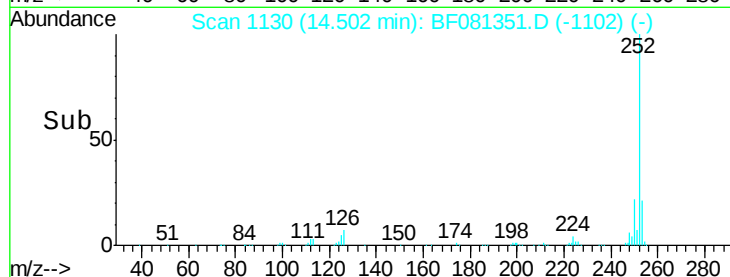
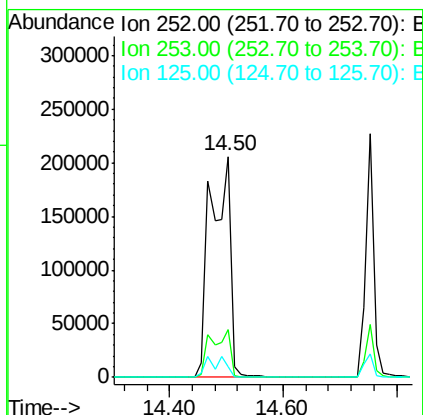
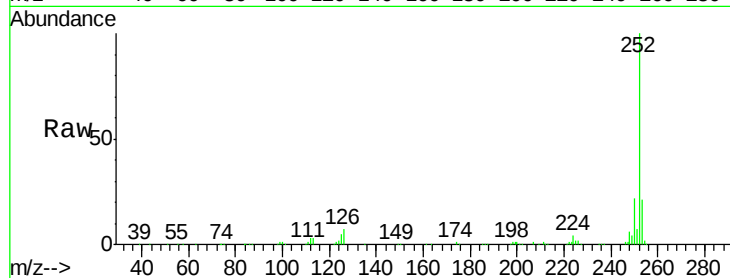




#87
Benzo(b)fluoranthene
Concen: 58.64 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

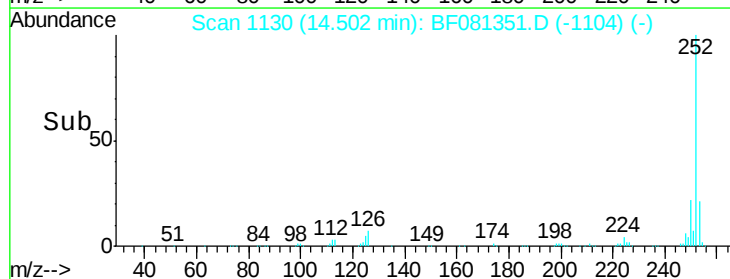
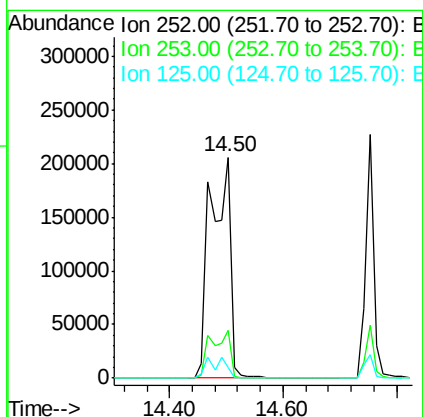
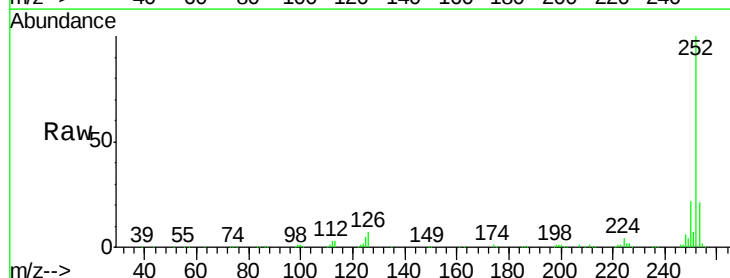
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

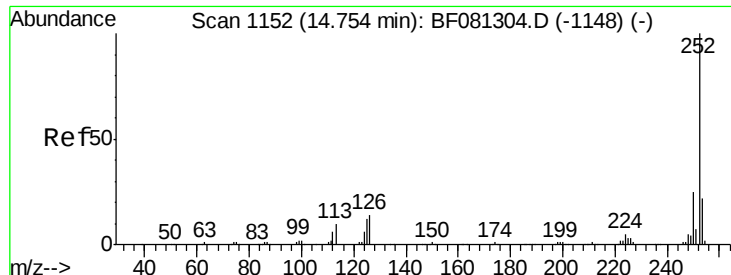
Tot Ion:252 Resp: 492629
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 4.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 70.68 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:252 Resp: 492629
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 4.6 16.0 24.0#

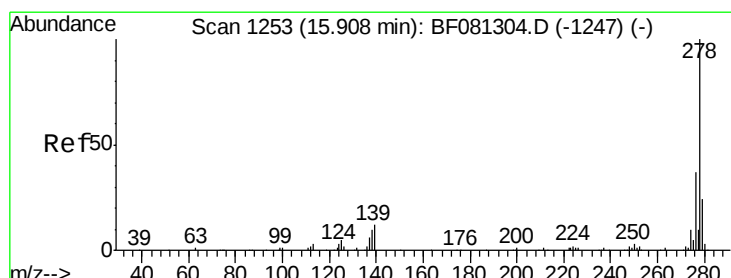
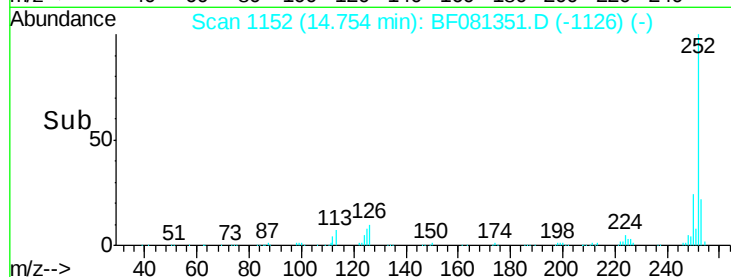
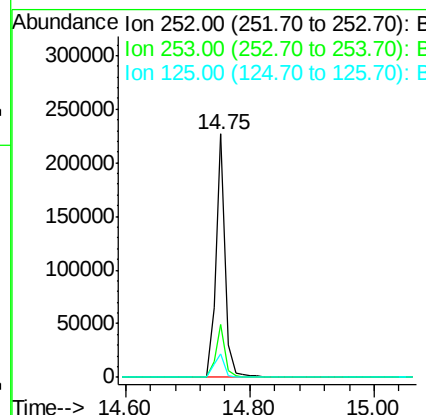
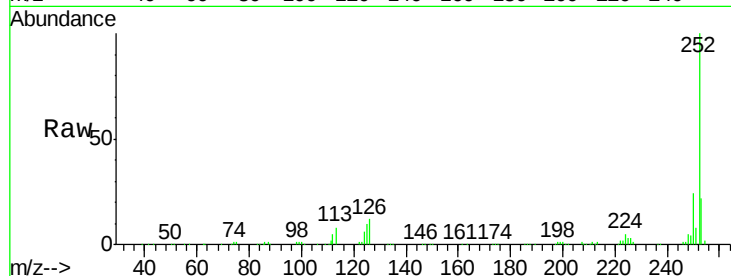




#89
Benzo(a)pyrene
Concen: 32.45 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

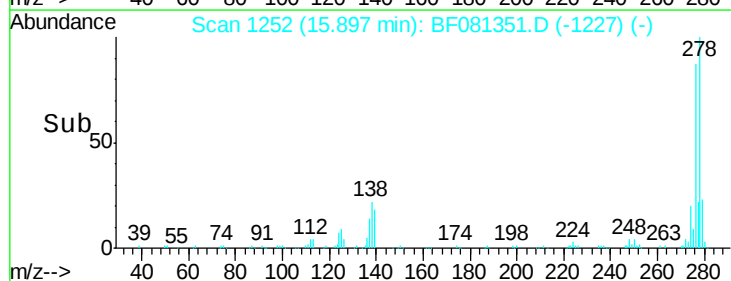
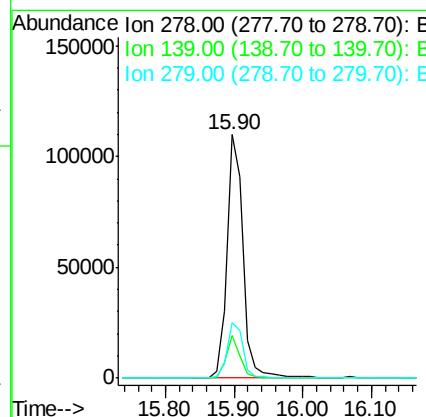
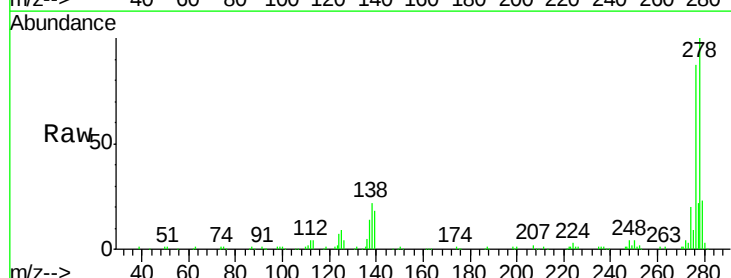
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MS

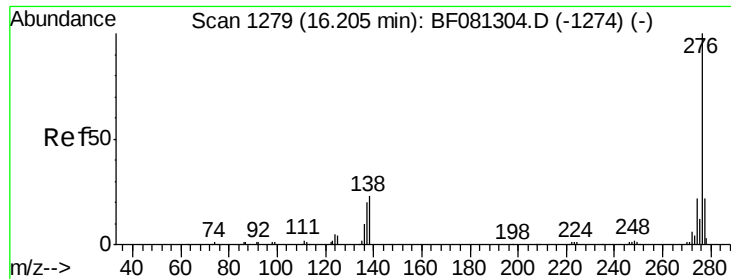
Tot Ion:252 Resp: 230969
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.6 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 32.97 ng
RT: 15.90 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF081351.D
Acq: 2 Sep 2015 16:32

Tgt Ion:278 Resp: 181325
Ion Ratio Lower Upper
278 100
139 17.5 26.3 39.5#
279 23.0 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.74 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF081351.D
 Acq: 2 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MS

Tot Ion: 276 Resp: 177114
 Ion Ratio Lower Upper
 276 100
 277 23.2 17.8 26.6
 138 21.6 34.6 51.8#

