

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080548.D
 Acq On : 17 Jul 2015 22:22
 Operator : TP/UM
 Sample : G2992-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Quant Time: Jul 18 01:02:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	40056	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	185574	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	87813	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	176955	20.00	ng	0.00
75) Chrysene-d12	14.42	240	170602	20.00	ng	0.07
86) Perylene-d12	16.12	264	169046	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	384118	149.51	ng	0.00
7) Phenol-d6	6.70	99	456972	156.30	ng	0.00
23) Nitrobenzene-d5	7.63	82	287895	98.91	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	123872	157.64	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	528707	84.57	ng	0.00
78) Terphenyl-d14	13.22	244	568327	74.39	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	40143	37.36	ng	87
3) Pyridine	3.70	79	90526	44.30	ng	97
4) n-Nitrosodimethylamine	3.54	42	71980	50.81	ng	97
6) Aniline	6.74	93	74322	19.29	ng	# 87
8) 2-Chlorophenol	6.85	128	132636	49.48	ng	98
9) Benzaldehyde	6.62	77	44541	26.98	ng	94
10) Phenol	6.73	94	155872	46.10	ng	85
11) bis(2-Chloroethyl)ether	6.80	93	122619	47.98	ng	97
12) 1,3-Dichlorobenzene	7.00	146	139243	45.99	ng	99
13) 1,4-Dichlorobenzene	7.08	146	151794	45.68	ng	98
14) 1,2-Dichlorobenzene	7.24	146	137163	44.89	ng	98
15) Benzyl Alcohol	7.22	79	91290	48.91	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.33	45	201576	46.36	ng	97
17) 2-Methylphenol	7.33	107	97189	47.54	ng	96
18) Hexachloroethane	7.58	117	45068	42.32	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	83268	47.37	ng	98
20) 3+4-Methylphenols	7.48	107	150382	50.95	ng	99
22) Acetophenone	7.47	105	173662	43.60	ng	99
24) Nitrobenzene	7.65	77	127366	38.72	ng	96
25) Isophorone	7.88	82	246308	44.33	ng	99
26) 2-Nitrophenol	7.97	139	68688	42.56	ng	99
27) 2,4-Dimethylphenol	8.01	122	126650	45.82	ng	98
28) bis(2-Chloroethoxy)methane	8.09	93	133847	43.51	ng	# 95
29) 2,4-Dichlorophenol	8.21	162	113400	48.45	ng	97
30) 1,2,4-Trichlorobenzene	8.29	180	120523	40.28	ng	100
31) Naphthalene	8.37	128	399916	43.54	ng	100
32) Benzoic acid	8.09	122	20366	21.38	ng	96
33) 4-Chloroaniline	8.43	127	58502	15.99	ng	95
34) Hexachlorobutadiene	8.49	225	57583	41.27	ng	99
35) Caprolactam	8.76	113	29622	50.32	ng	# 88
36) 4-Chloro-3-methylphenol	8.91	107	121589	50.42	ng	99
37) 2-Methylnaphthalene	9.06	142	254209	45.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	115853	41.72	ng	98
40) Hexachlorocyclopentadiene	9.22	237	118964	91.01	ng	99

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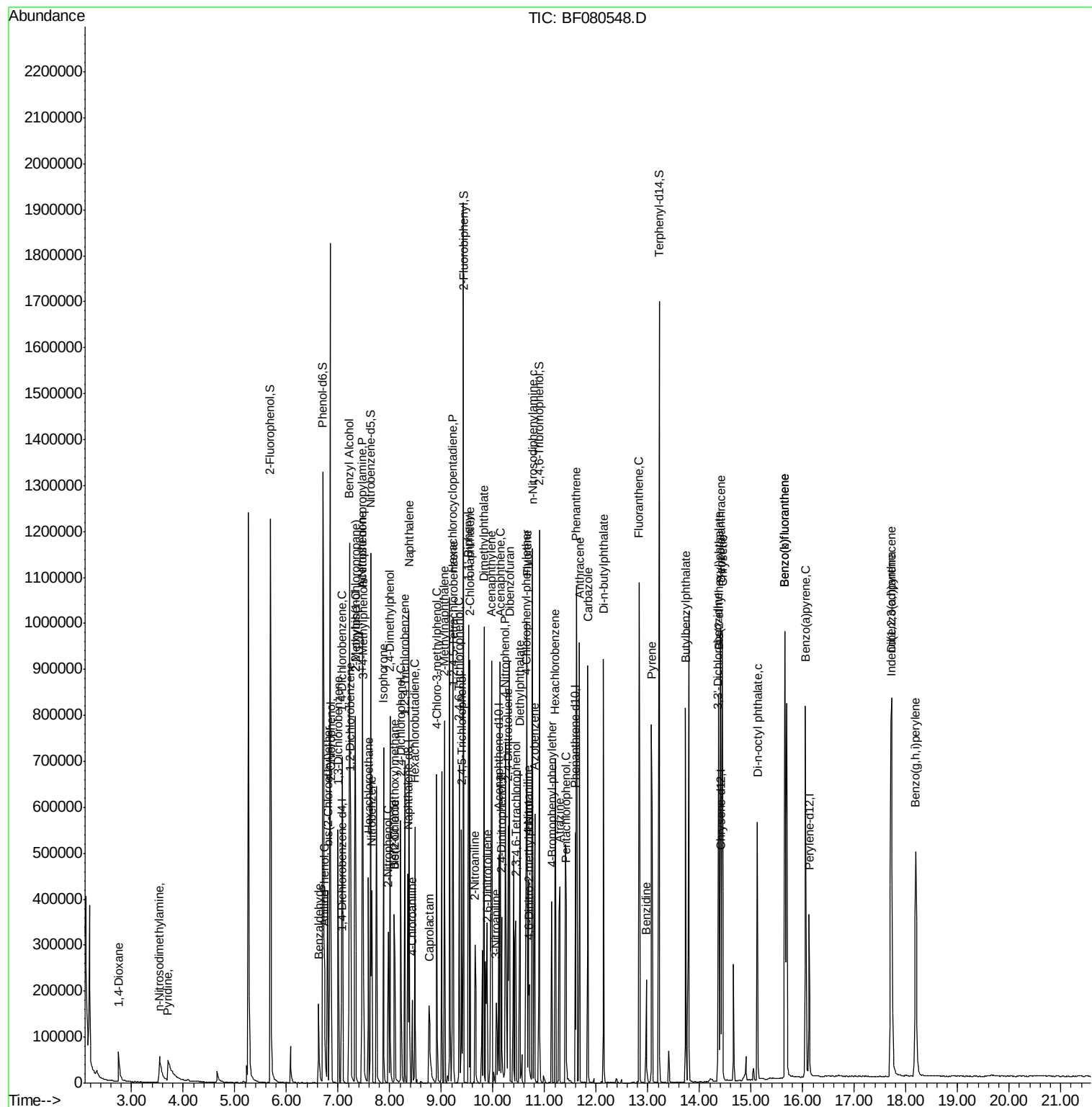
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	78690	49.20	nq	99
43) 2,4,5-Trichlorophenol	9.39	196	84242	48.21	nq	96
45) 1,1'-Biphenyl	9.53	154	311826	42.83	nq	99
46) 2-Chloronaphthalene	9.55	162	237728	44.32	nq	99
47) 2-Nitroaniline	9.65	65	64635	47.26	nq	99
48) Acenaphthylene	9.97	152	397790	44.78	nq	99
49) Dimethylphthalate	9.82	163	416452	71.27	nq	99
50) 2,6-Dinitrotoluene	9.89	165	58723	48.70	nq	# 42
51) Acenaphthene	10.14	154	254052	46.80	nq	99
52) 3-Nitroaniline	10.06	138	33410	27.65	nq	92
53) 2,4-Dinitrophenol	10.17	184	49971	76.42	nq	# 83
54) Dibenzofuran	10.32	168	347596	45.99	nq	98
55) 4-Nitrophenol	10.24	139	111351	98.73	nq	89
56) 2,4-Dinitrotoluene	10.29	165	90001	50.96	nq	96
57) Fluorene	10.66	166	278871	46.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	61852	50.59	nq	95
59) Diethylphthalate	10.52	149	276332	50.09	nq	100
60) 4-Chlorophenyl-phenylether	10.65	204	122812	45.78	nq	95
61) 4-Nitroaniline	10.68	138	66989	46.84	nq	97
62) Azobenzene	10.81	77	270161	48.67	nq	# 77
64) 4,6-Dinitro-2-methylphenol	10.70	198	38050	45.46	nq	97
65) n-Nitrosodiphenylamine	10.76	169	248097	42.56	nq	99
66) 4-Bromophenyl-phenylether	11.14	248	68567	42.27	nq	95
67) Hexachlorobenzene	11.21	284	81259	41.31	nq	93
68) Atrazine	11.29	200	72080	52.24	nq	86
69) Pentachlorophenol	11.41	266	76321	74.00	nq	94
70) Phenanthrene	11.62	178	400114	41.50	nq	98
71) Anthracene	11.68	178	413002	44.10	nq	99
72) Carbazole	11.84	167	379523	45.24	nq	98
73) Di-n-butylphthalate	12.14	149	428497	47.40	nq	99
74) Fluoranthene	12.83	202	416322	46.19	nq	98
76) Benzidine	12.97	184	99573	21.81	nq	98
77) Pyrene	13.07	202	429276	38.99	nq	100
79) Butylbenzylphthalate	13.73	149	170195	45.97	nq	# 84
80) Benzo(a)anthracene	14.41	228	419520	44.18	nq	99
81) 3,3'-Dichlorobenzidine	14.36	252	71353	23.79	nq	# 98
82) Chrysene	14.44	228	394035	41.41	nq	98
83) Bis(2-ethylhexyl)phthalate	14.37	149	247244	44.92	nq	# 95
84) Di-n-octyl phthalate	15.13	149	402216	48.11	nq	99
85) Indeno(1,2,3-cd)pyrene	17.71	276	456414	46.56	nq	98
87) Benzo(b)fluoranthene	15.65	252	534280	50.99	nq	98
88) Benzo(k)fluoranthene	15.65	252	534280	58.89	nq	98
89) Benzo(a)pyrene	16.05	252	402695	45.10	nq	# 97
90) Dibenzo(a,h)anthracene	17.72	278	388428	44.18	nq	100
91) Benzo(g,h,i)perylene	18.19	276	405500	45.69	nq	98

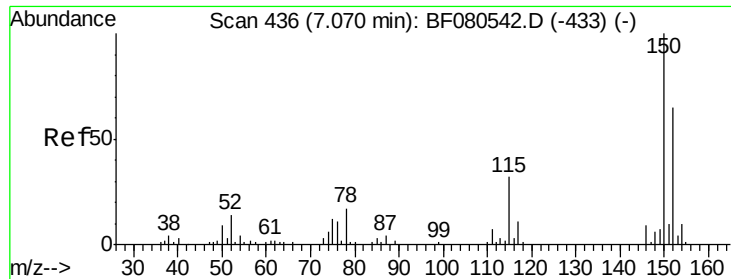
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

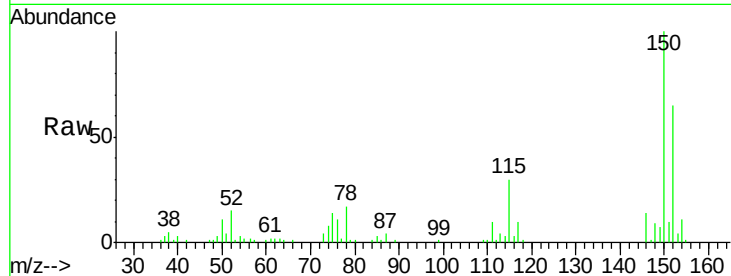
Tot Ion:152 Resp: 40056

Ion Ratio Lower Upper

152 100

150 154.5 123.0 184.4

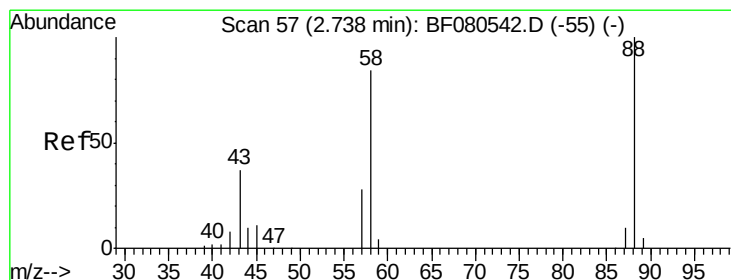
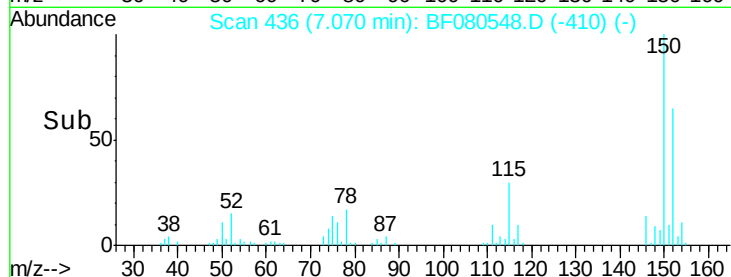
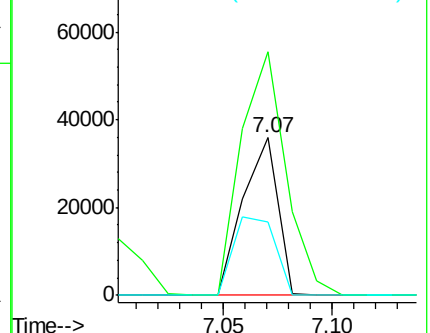
115 46.9 39.9 59.9



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: 37.36 ng

RT: 2.75 min Scan# 58

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

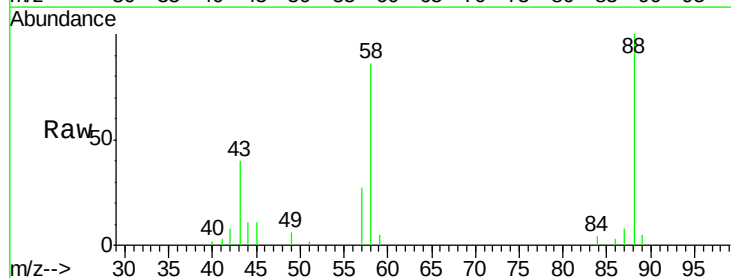
Tgt Ion: 88 Resp: 40143

Ion Ratio Lower Upper

88 100

58 92.9 63.4 95.0

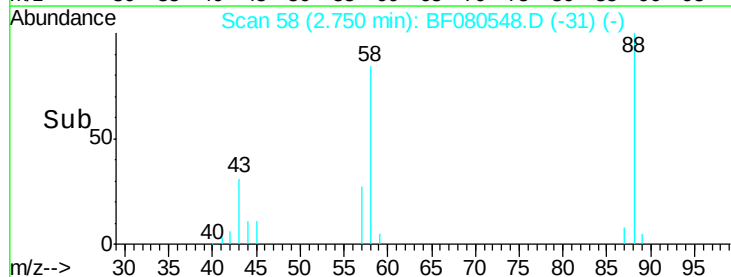
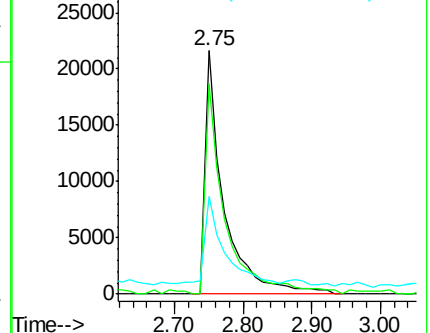
43 37.5 27.1 40.7

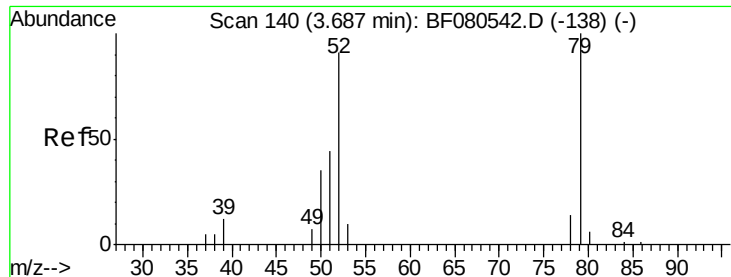


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.30 ng

RT: 3.70 min Scan# 141

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

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ClientSampleId :

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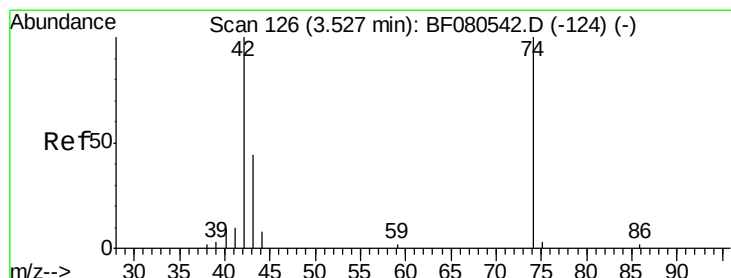
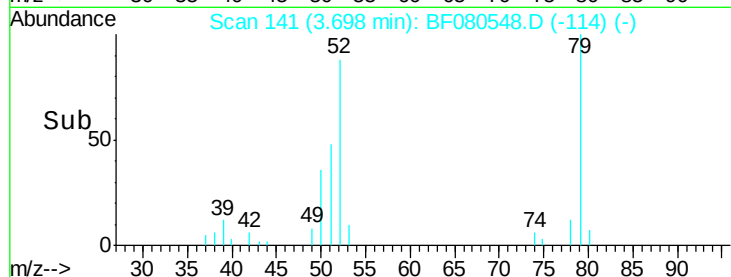
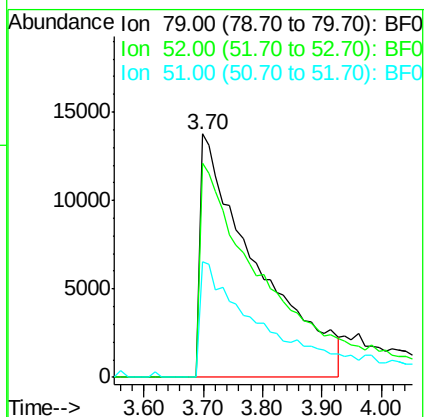
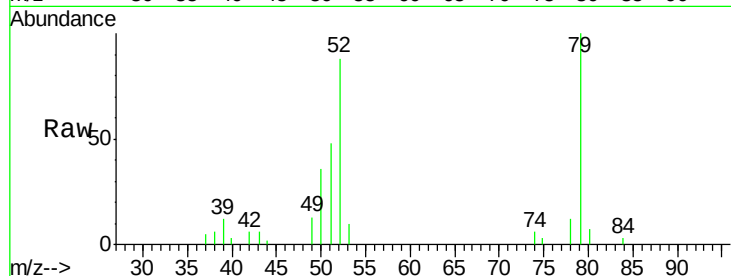
Tot Ion: 79 Resp: 90526

Ion Ratio Lower Upper

79 100

52 87.7 72.5 108.7

51 47.5 37.1 55.7



#4

n-Nitrosodimethylamine

Concen: 50.81 ng

RT: 3.54 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

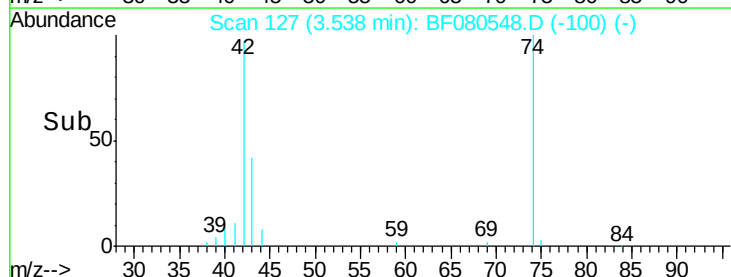
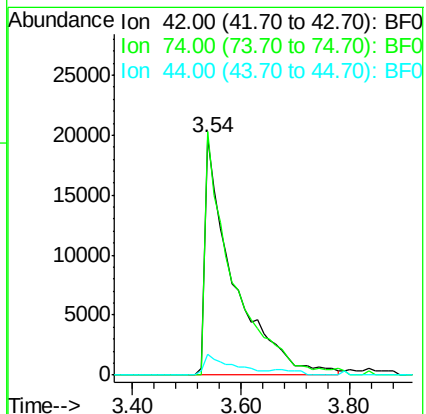
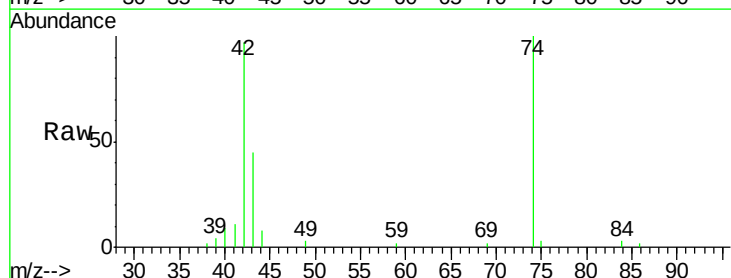
Tgt Ion: 42 Resp: 71980

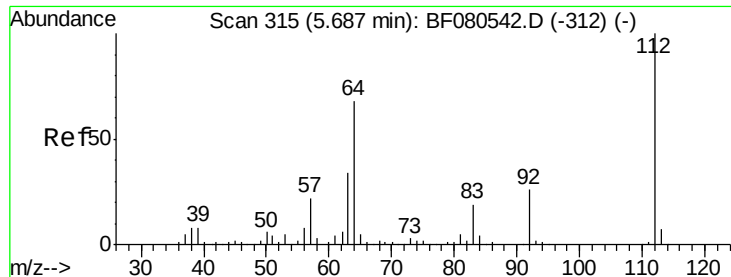
Ion Ratio Lower Upper

42 100

74 102.6 79.9 119.9

44 8.6 6.6 9.8





#5

2-Fluorophenol

Concen: 149.51 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

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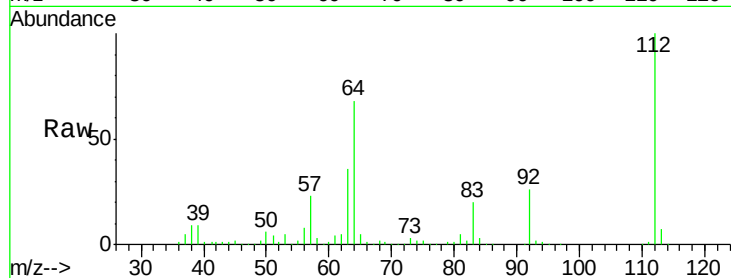
Tot Ion:112 Resp: 384118

Ion Ratio Lower Upper

112 100

64 68.3 54.1 81.1

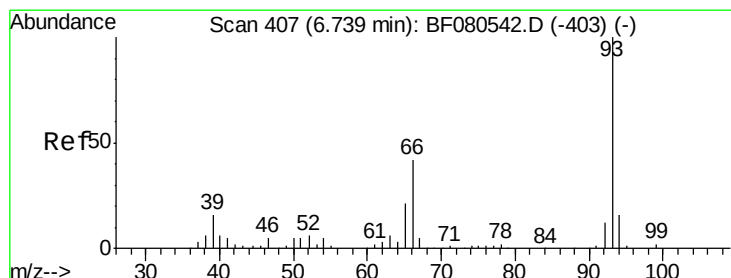
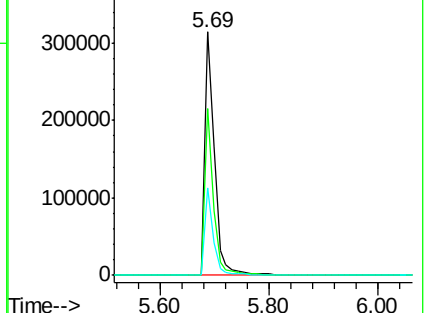
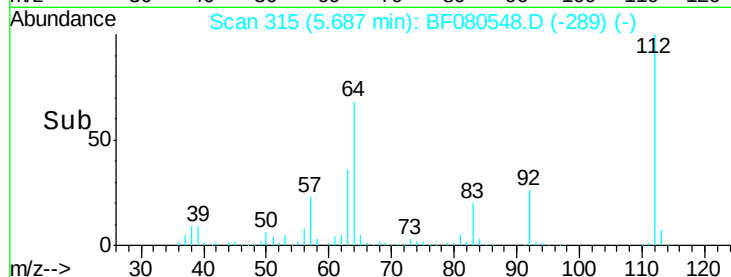
63 36.0 27.6 41.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.29 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

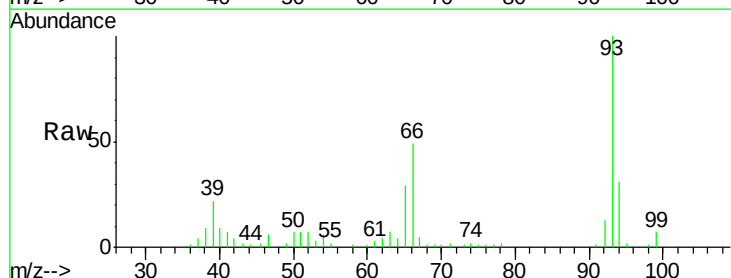
Tgt Ion: 93 Resp: 74322

Ion Ratio Lower Upper

93 100

66 48.6 33.3 49.9

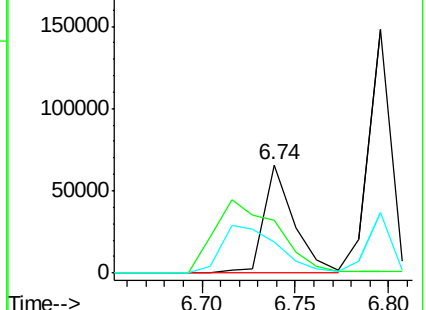
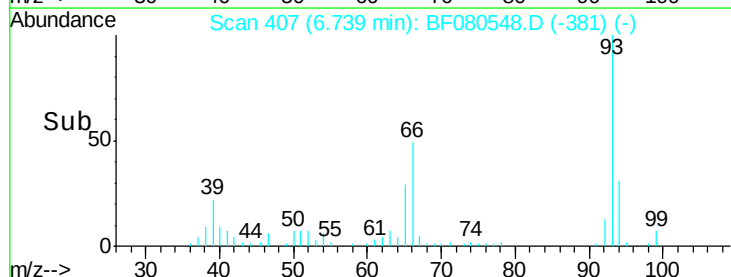
65 28.8 16.9 25.3#

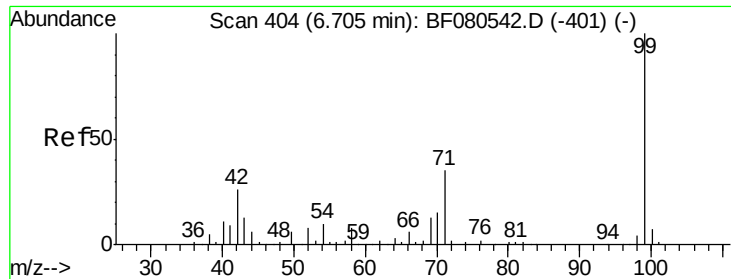


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.30 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

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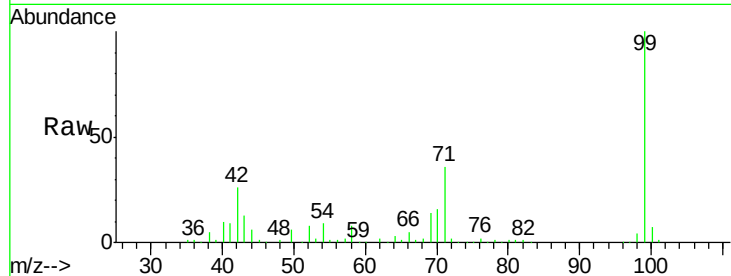
Tot Ion: 99 Resp: 456972

Ion Ratio Lower Upper

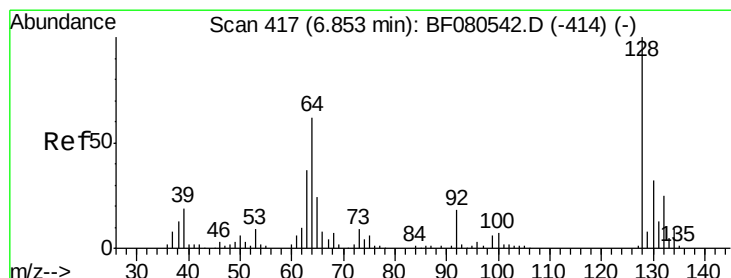
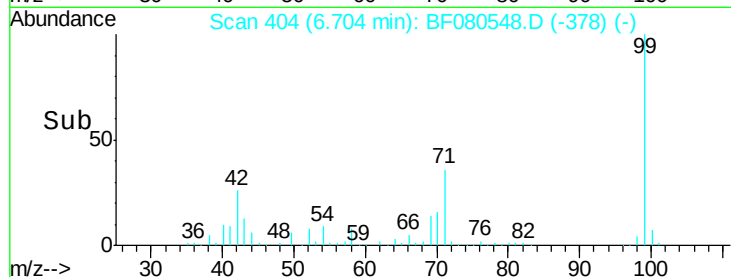
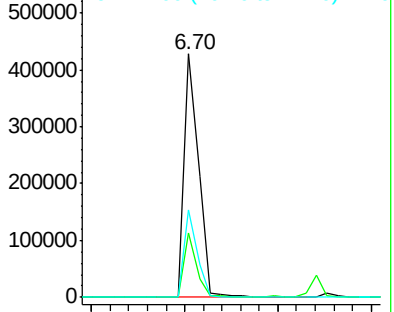
99 100

42 26.2 21.0 31.4

71 36.1 28.4 42.6



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: 49.48 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

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Acq: 17 Jul 2015 22:22

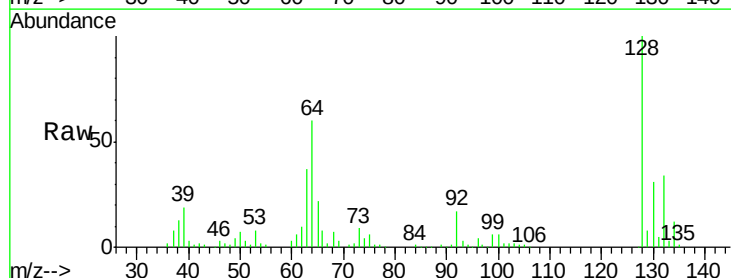
Tgt Ion: 128 Resp: 132636

Ion Ratio Lower Upper

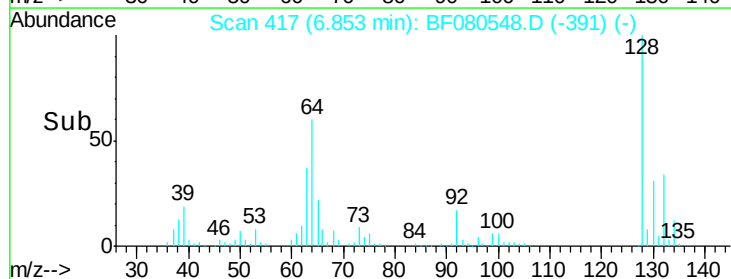
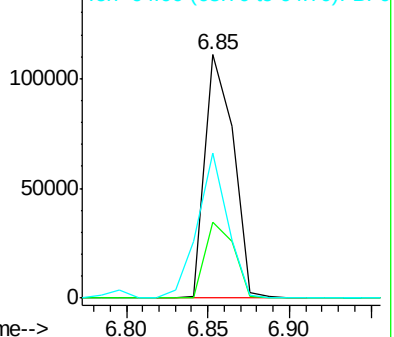
128 100

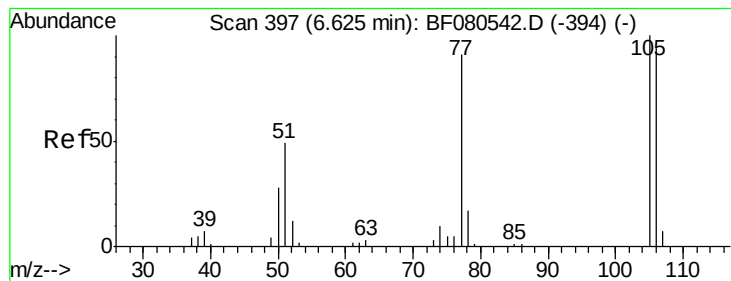
130 31.0 11.7 51.7

64 59.5 41.6 81.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.98 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

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Acq: 17 Jul 2015 22:22

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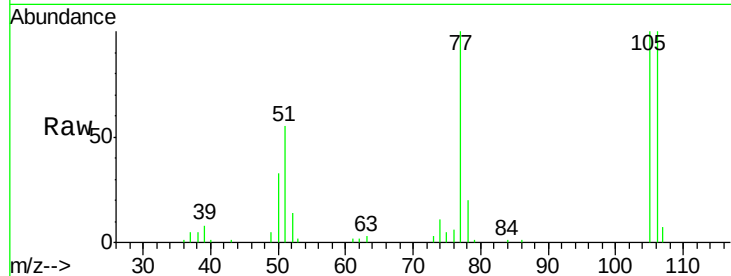
Tot Ion: 77 Resp: 44541

Ion Ratio Lower Upper

77 100

105 100.4 90.0 130.0

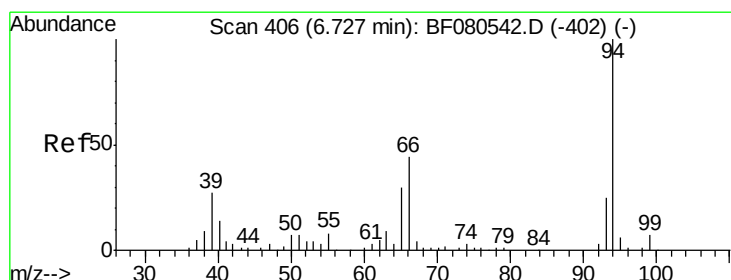
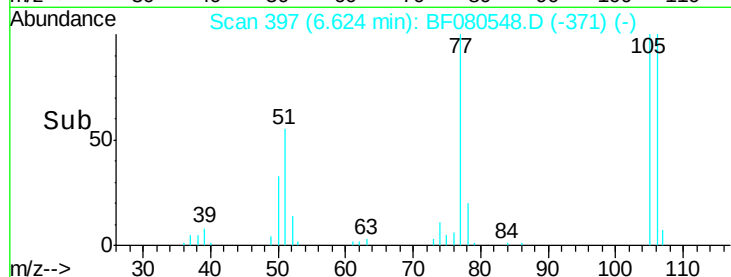
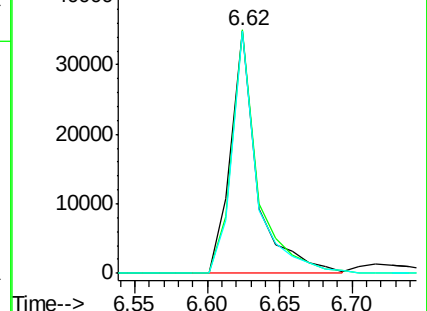
106 100.1 83.5 123.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.10 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

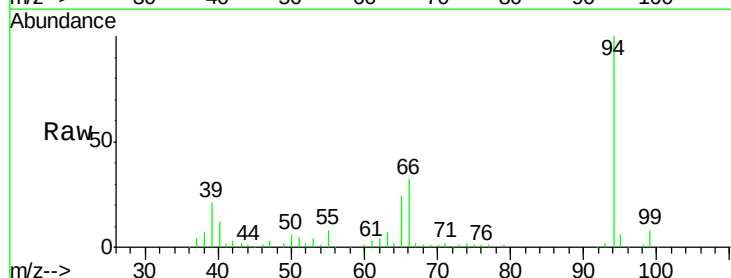
Tgt Ion: 94 Resp: 155872

Ion Ratio Lower Upper

94 100

65 24.4 10.4 50.4

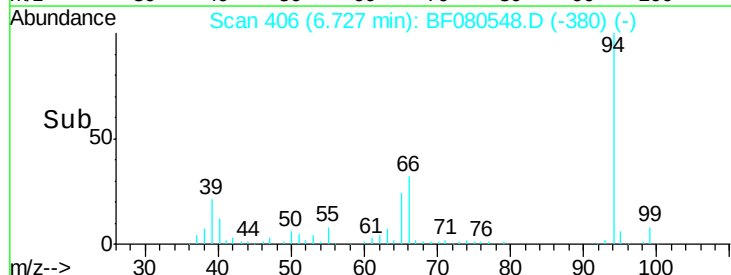
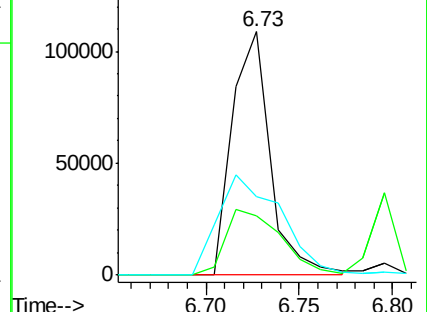
66 32.2 24.2 64.2

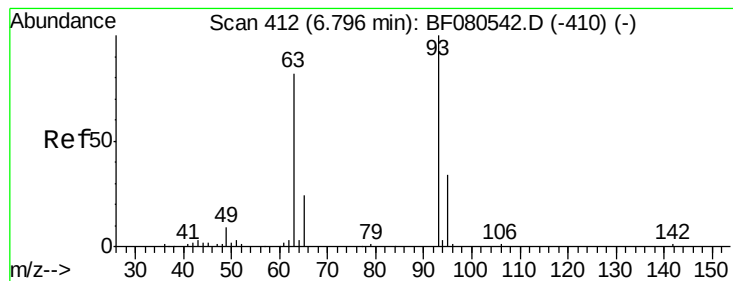


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.98 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

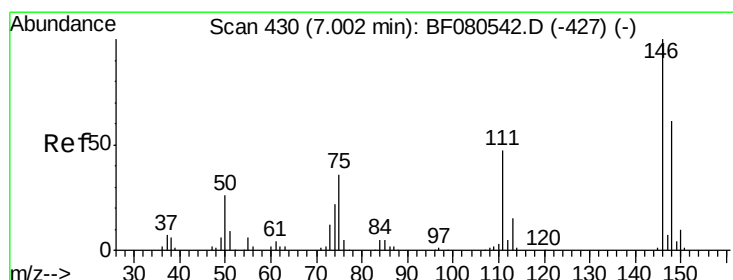
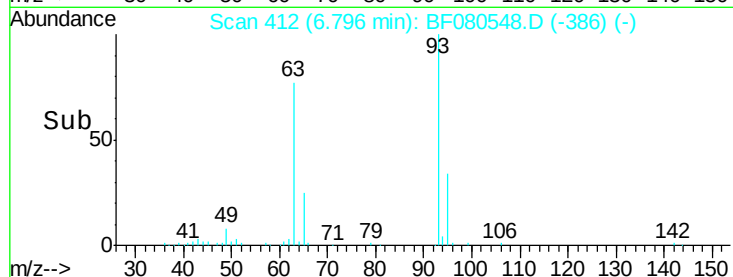
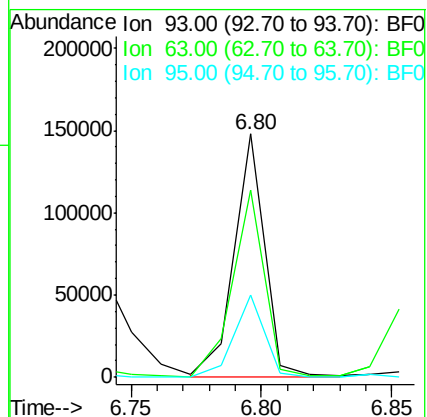
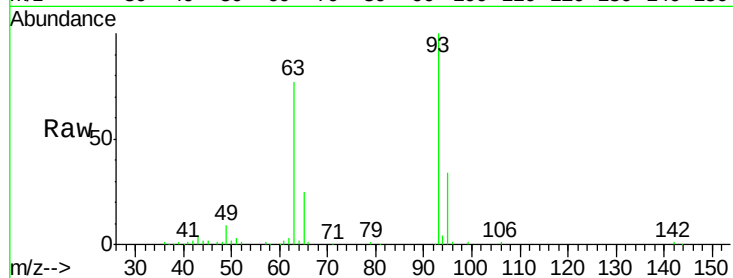
Tot Ion: 93 Resp: 122619

Ion Ratio Lower Upper

93 100

63 76.9 60.3 100.3

95 33.9 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 45.99 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

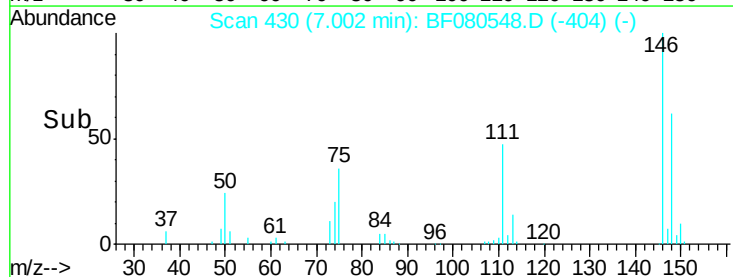
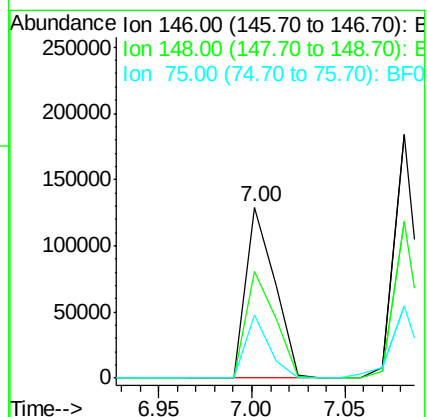
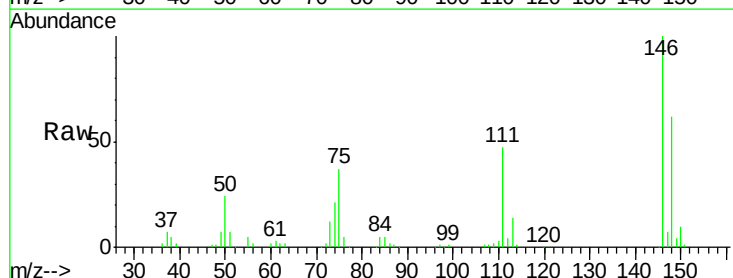
Tgt Ion: 146 Resp: 139243

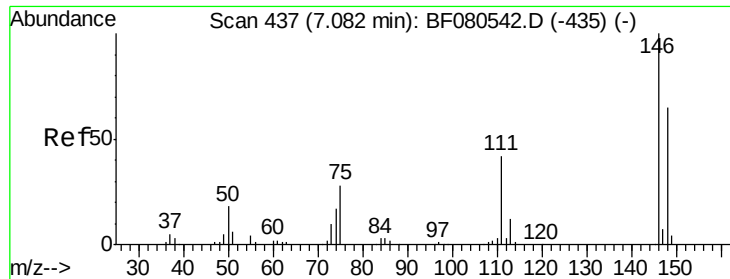
Ion Ratio Lower Upper

146 100

148 62.4 49.2 73.8

75 36.6 29.1 43.7

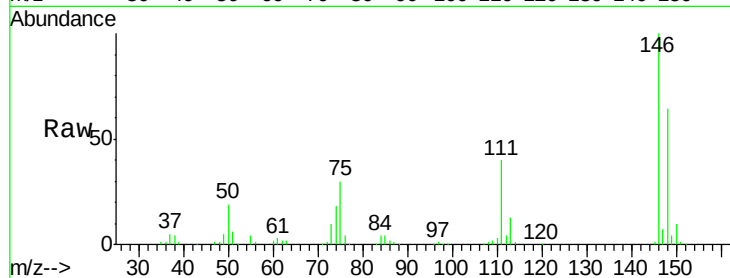




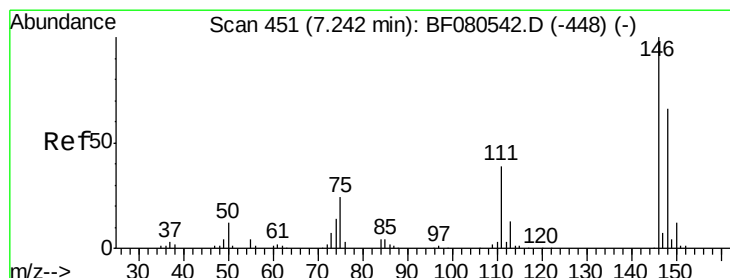
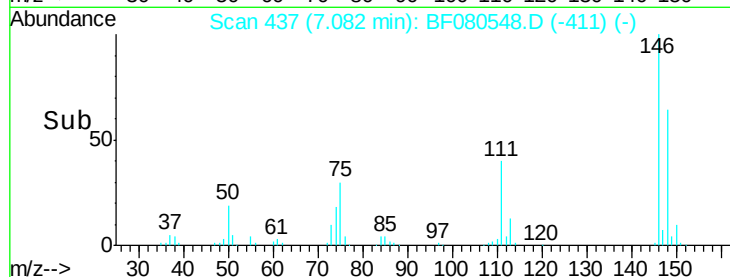
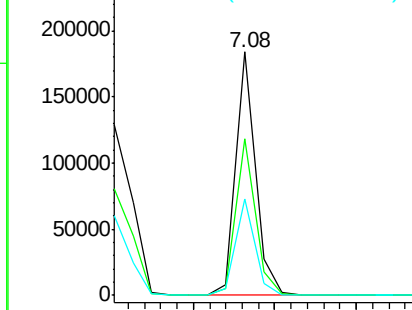
#13
 1,4-Dichlorobenzene
 Concen: 45.68 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:146 Resp: 151794
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 39.8 33.4 50.2

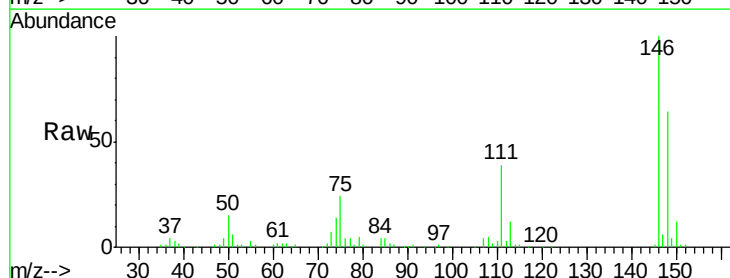


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

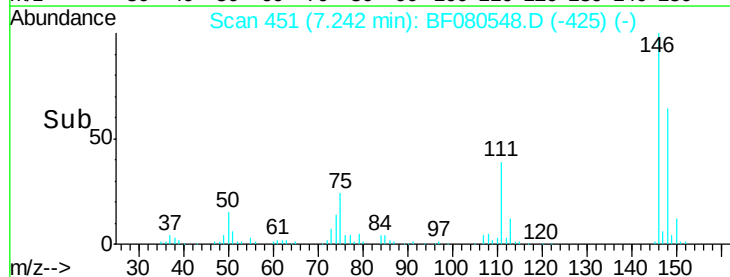
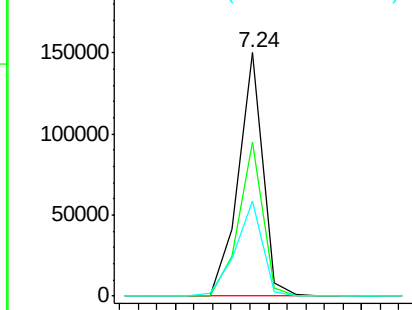


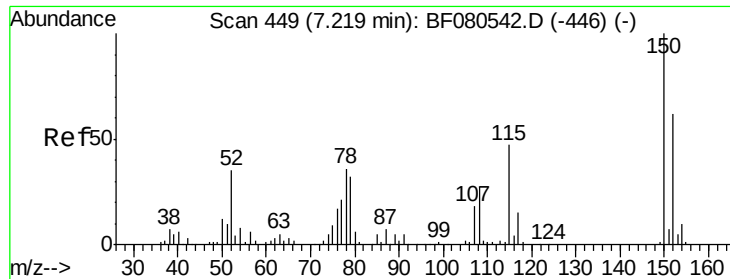
#14
 1,2-Dichlorobenzene
 Concen: 44.89 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:146 Resp: 137163
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.5 78.7
 111 39.3 31.5 47.3



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

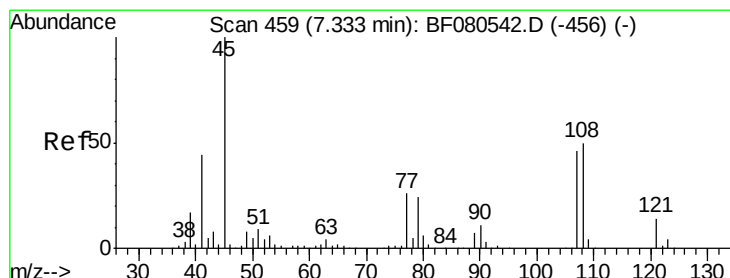
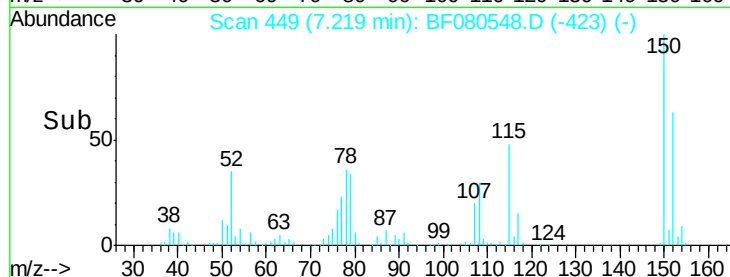
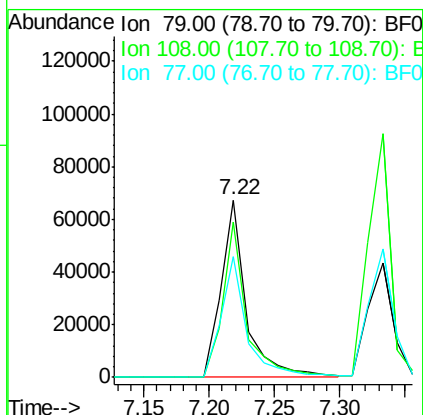
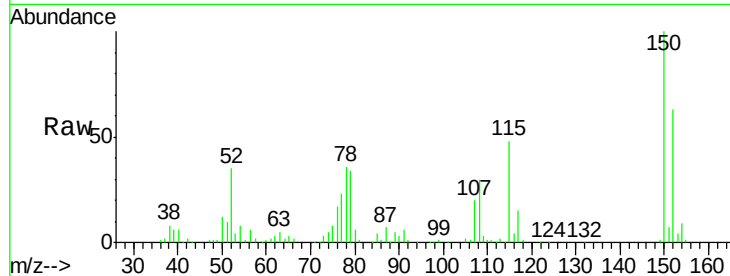




#15
Benzyl Alcohol
Concen: 48.91 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

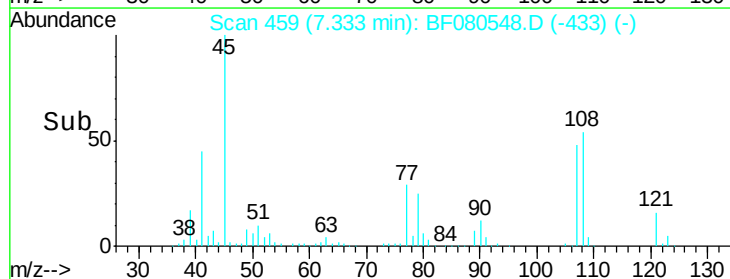
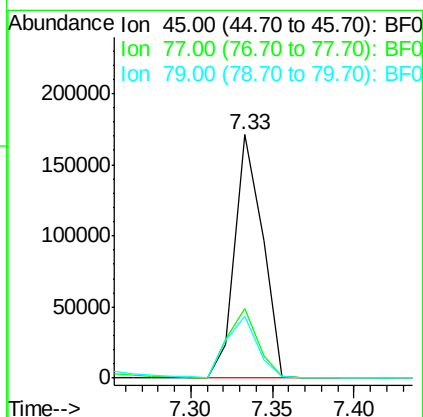
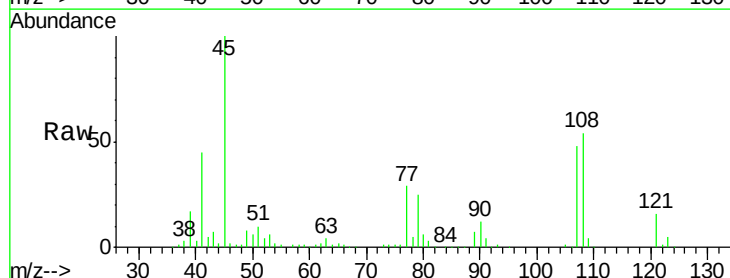
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

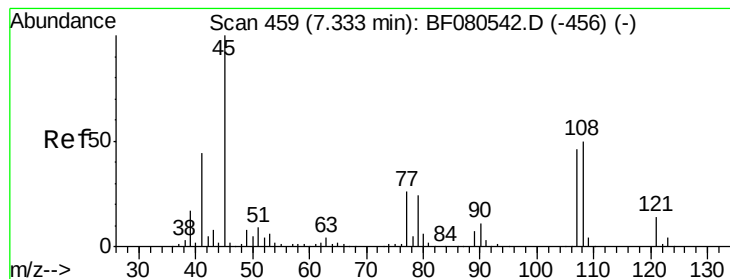
Tot Ion: 79 Resp: 91290
Ion Ratio Lower Upper
79 100
108 87.6 67.8 101.6
77 67.7 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.36 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion: 45 Resp: 201576
Ion Ratio Lower Upper
45 100
77 28.6 6.6 46.6
79 25.4 4.0 44.0

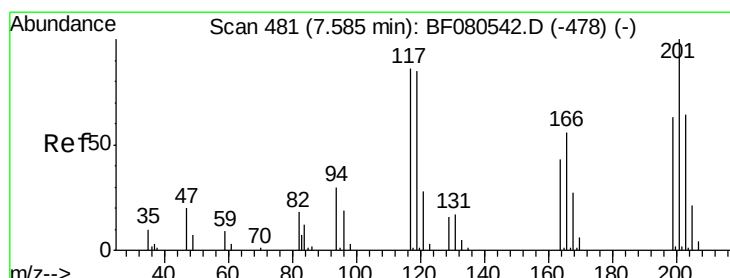
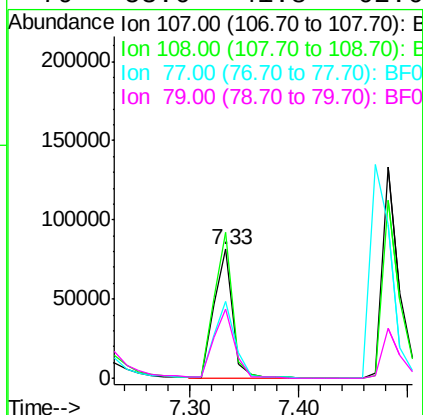
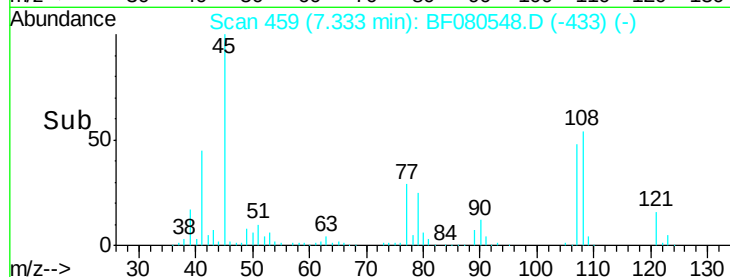
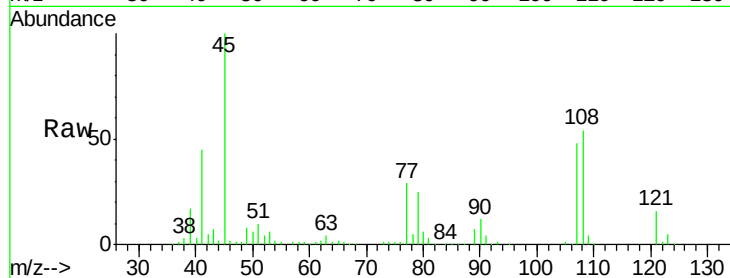




#17
2-Methylphenol
Concen: 47.54 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

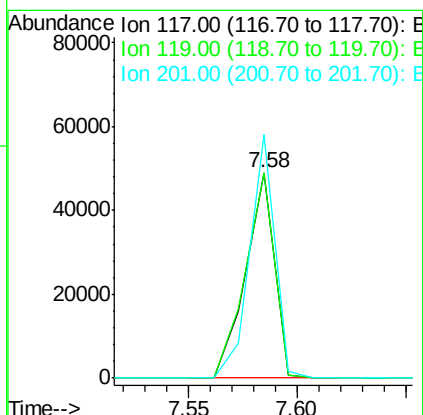
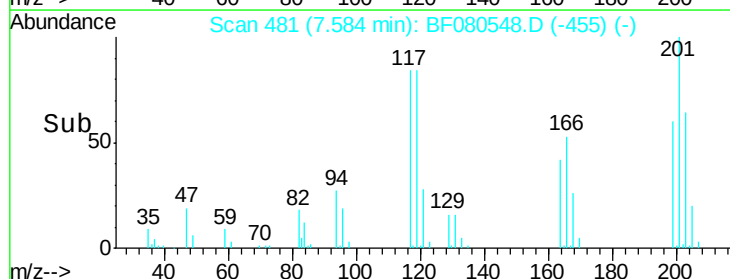
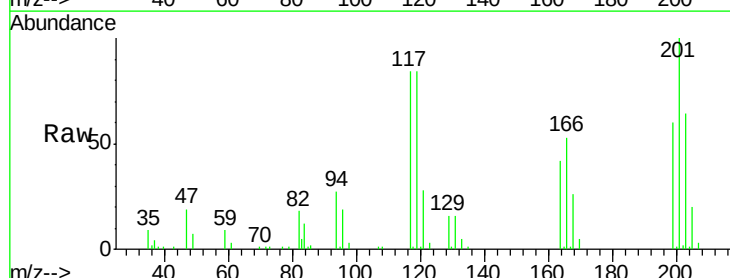
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

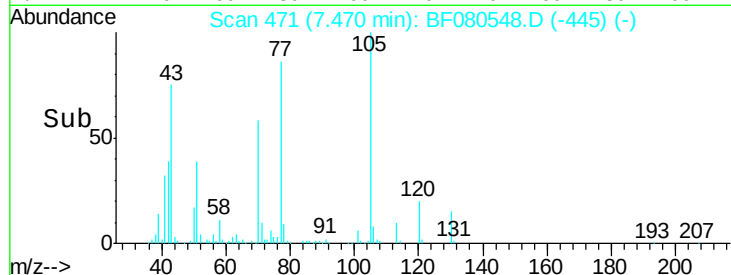
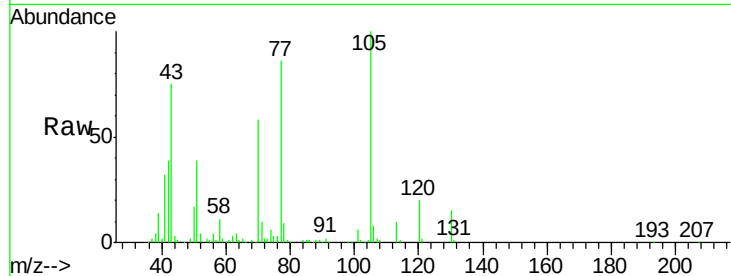
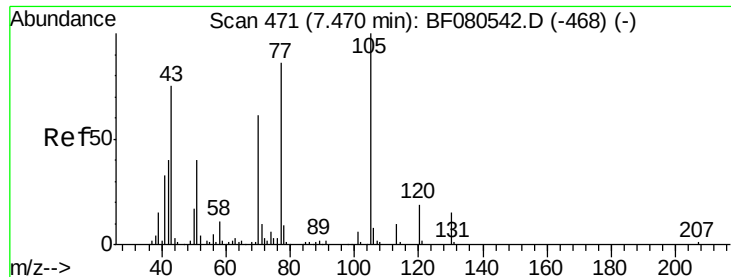
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	86.8	130.2
77	60.1	46.2	69.4
79	53.6	41.8	62.6



#18
Hexachloroethane
Concen: 42.32 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	79.1	118.7
201	118.6	92.7	139.1

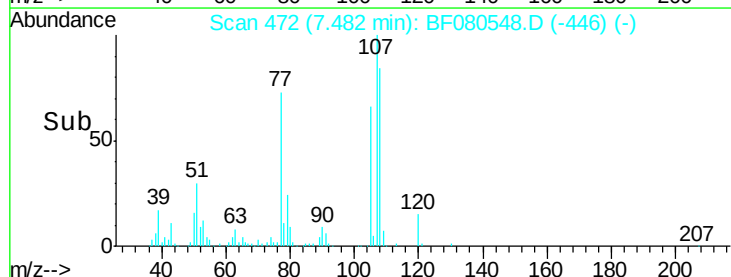
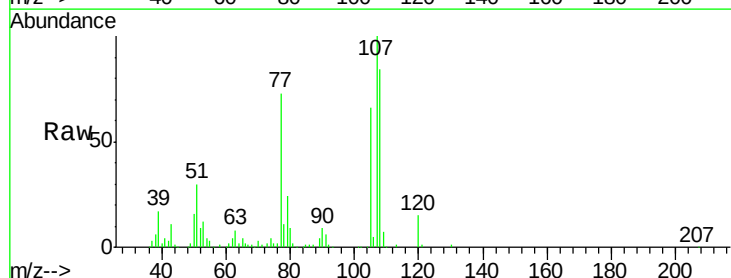
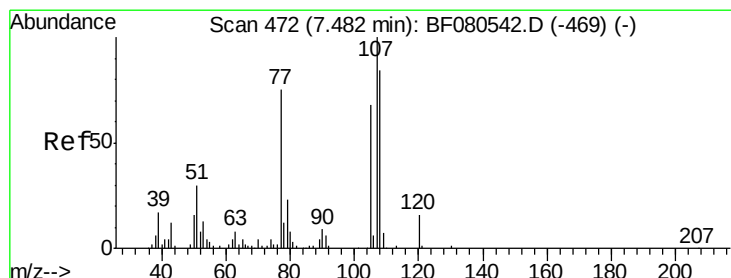
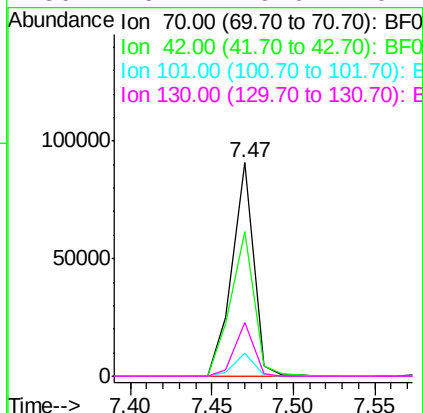




#19
n-Nitroso-di-n-propylamine
Concen: 47.37 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

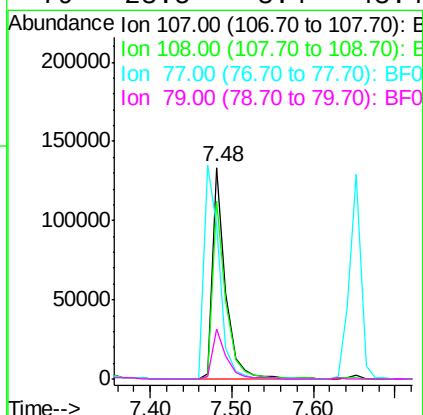
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

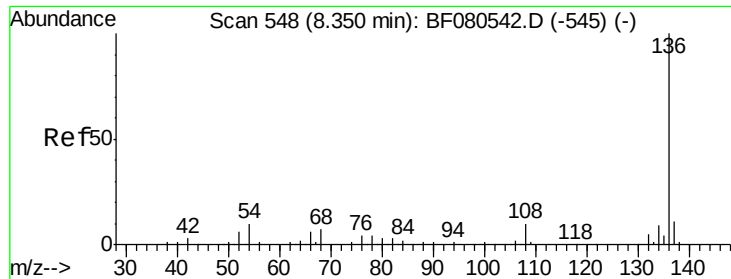
Tot Ion: 70 Resp: 83268
Ion Ratio Lower Upper
70 100
42 67.8 52.6 78.8
101 10.6 8.3 12.5
130 25.4 19.6 29.4



#20
3+4-Methylphenols
Concen: 50.95 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:107 Resp: 150382
Ion Ratio Lower Upper
107 100
108 84.3 64.0 104.0
77 72.8 55.4 95.4
79 23.5 3.4 43.4

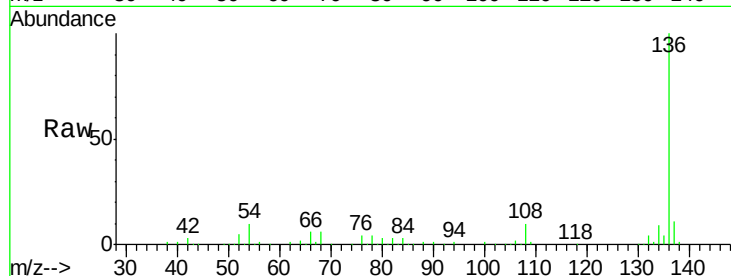




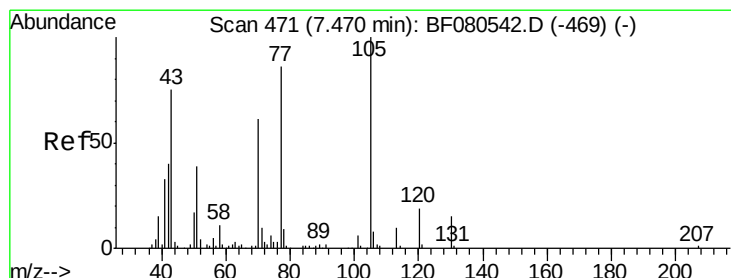
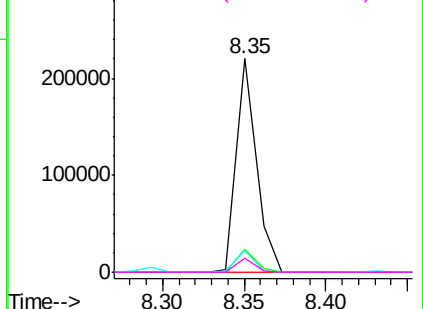
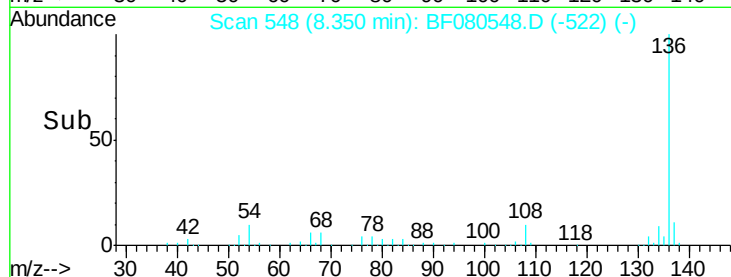
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:136	Resp:	185574
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	10.4	8.3 12.5
68	6.4	5.4 8.2

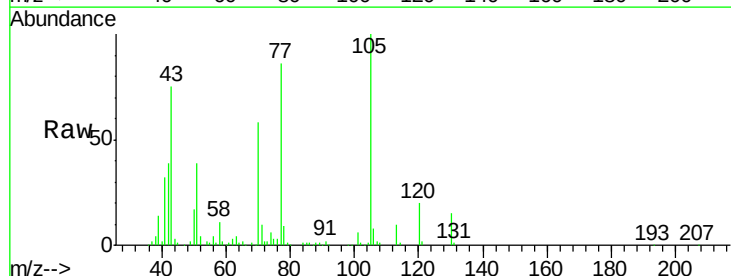


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

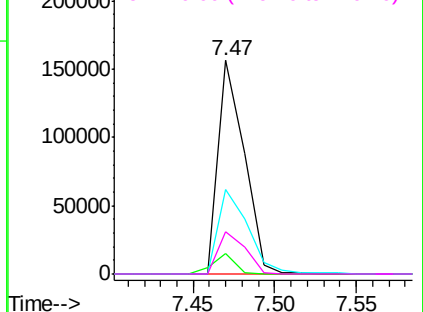
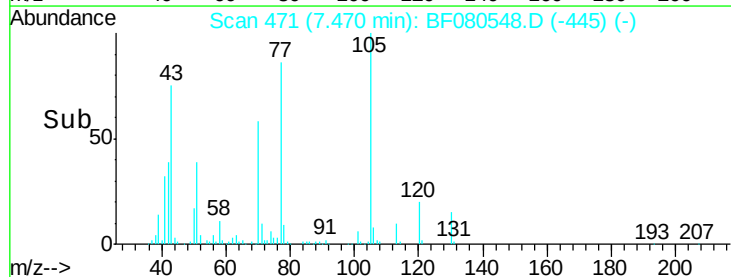


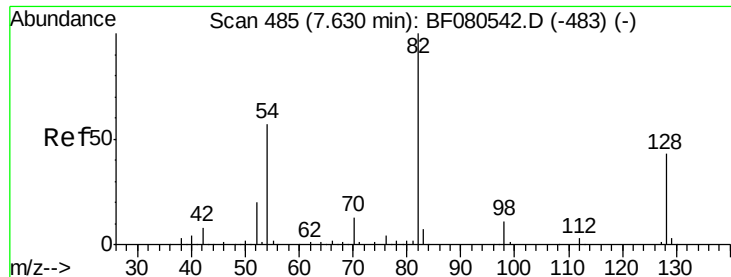
#22
Acetophenone
Concen: 43.60 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:105	Resp:	173662
Ion	Ratio	Lower Upper
105	100	
71	9.6	8.3 12.5
51	39.4	31.6 47.4
120	20.1	15.5 23.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

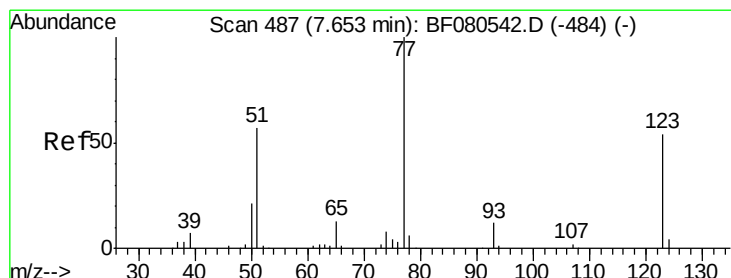
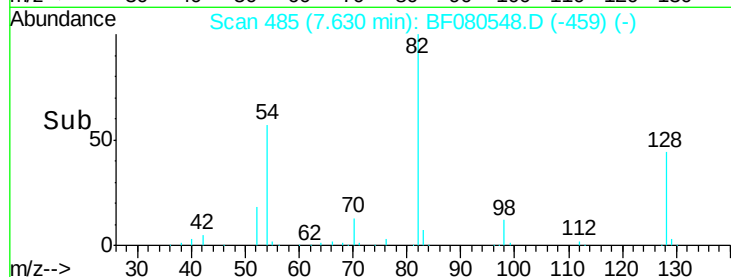
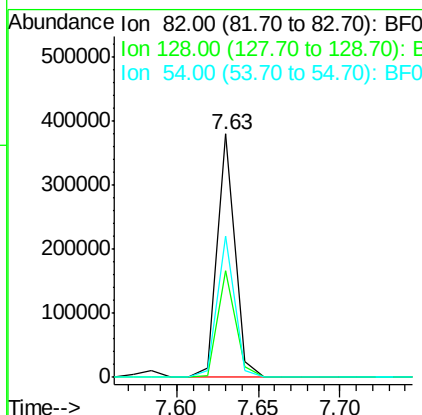
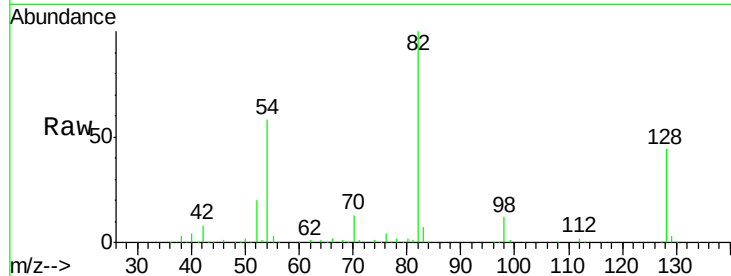




#23
 Nitrobenzene-d5
 Concen: 98.91 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

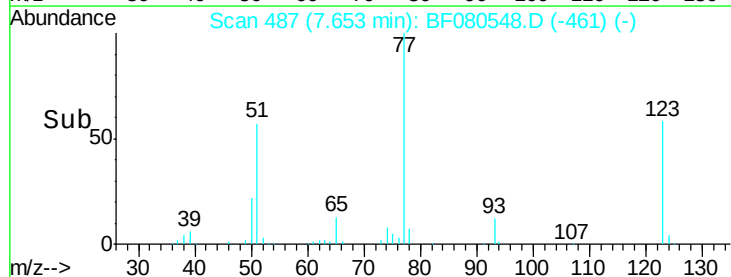
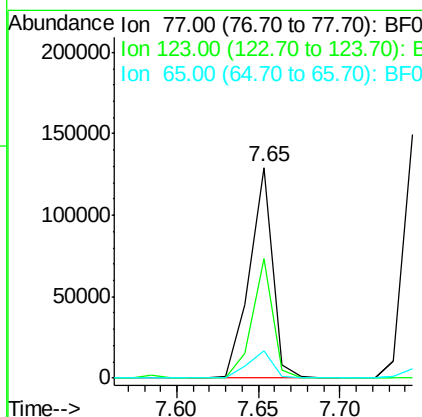
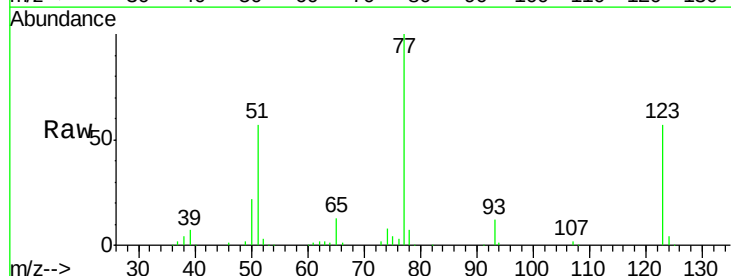
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

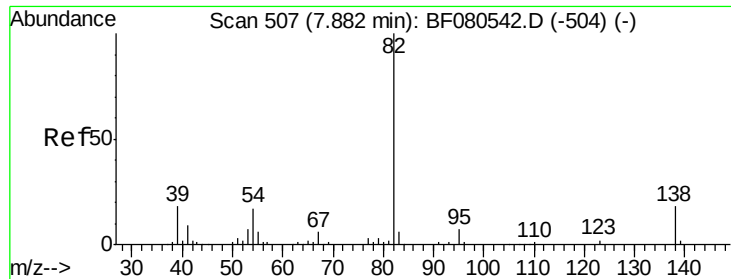
Tot Ion	82	Resp	287895
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.6	51.8
54	57.7	45.8	68.6



#24
 Nitrobenzene
 Concen: 38.72 ng
 RT: 7.65 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion	77	Resp	127366
Ion Ratio	Lower	Upper	
77	100		
123	57.0	42.9	64.3
65	13.1	10.7	16.1





#25

Isophorone

Concen: 44.33 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

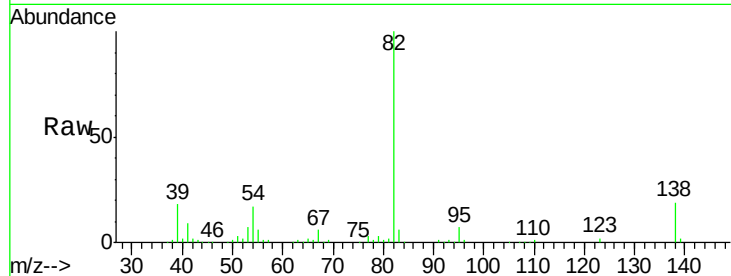
Tot Ion: 82 Resp: 246308

Ion Ratio Lower Upper

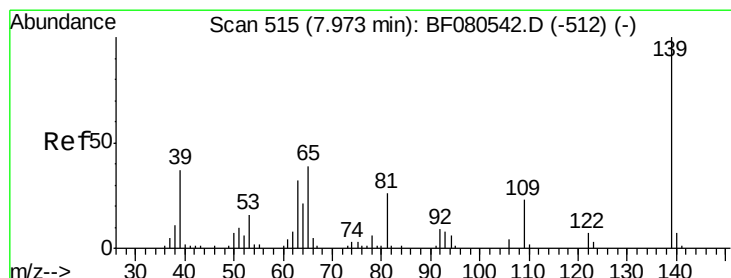
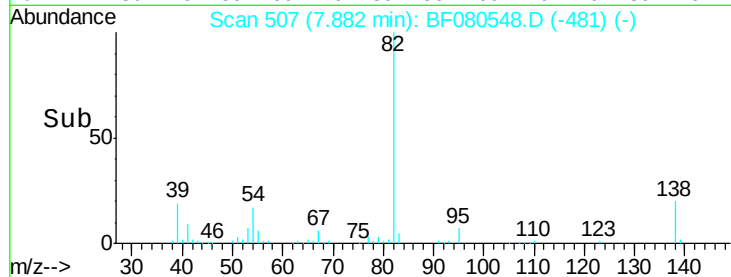
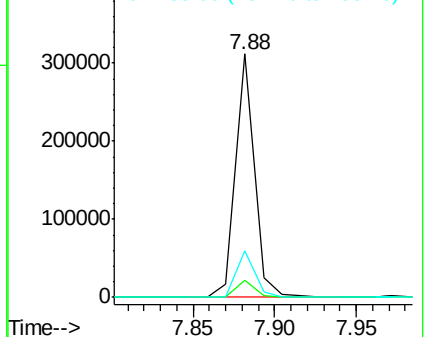
82 100

95 7.0 5.5 8.3

138 19.0 14.7 22.1



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



#26

2-Nitrophenol

Concen: 42.56 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

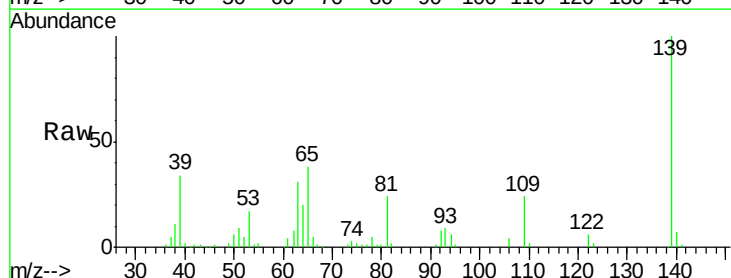
Tgt Ion: 139 Resp: 68688

Ion Ratio Lower Upper

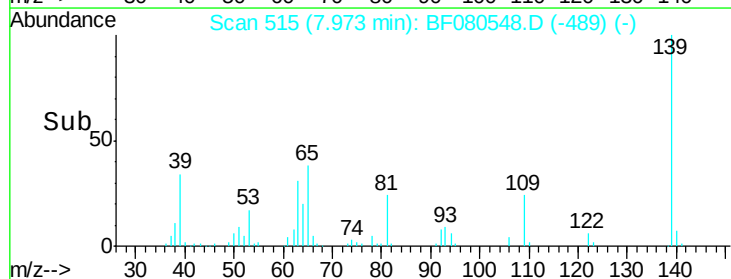
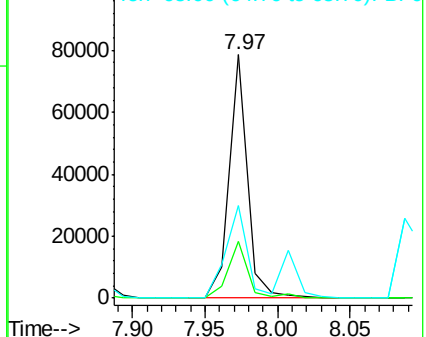
139 100

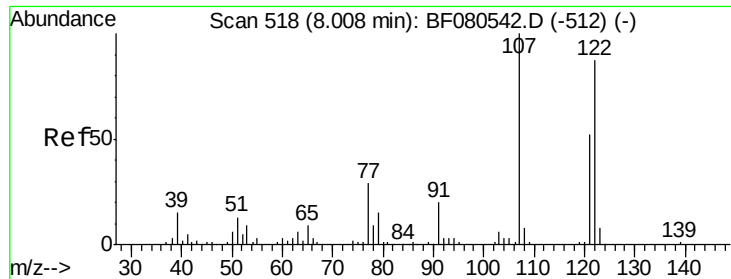
109 23.6 18.3 27.5

65 38.0 31.0 46.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

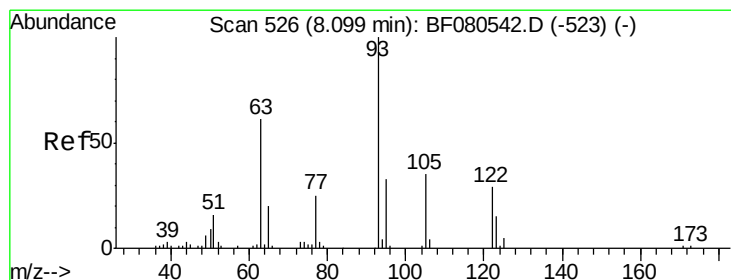
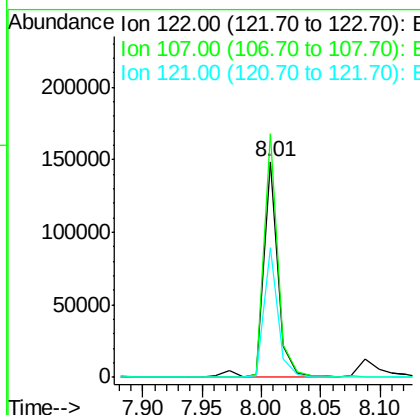
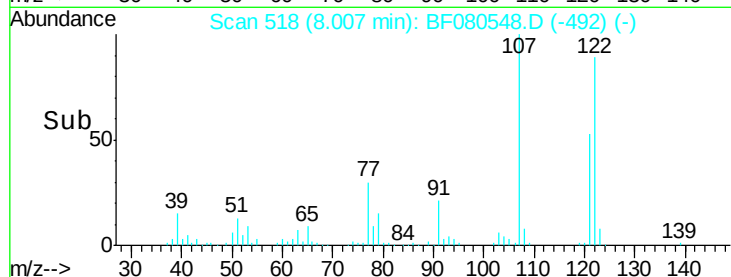
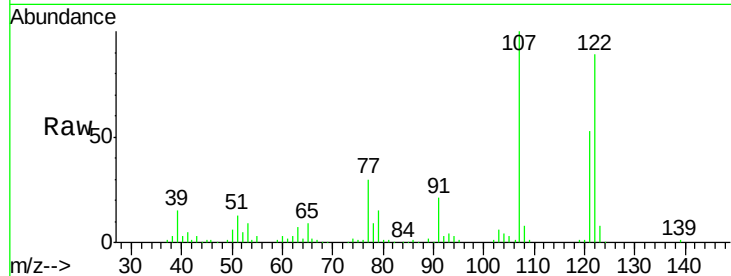




#27
 2,4-Dimethylphenol
 Concen: 45.82 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

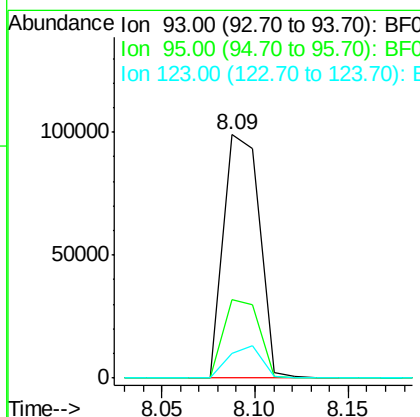
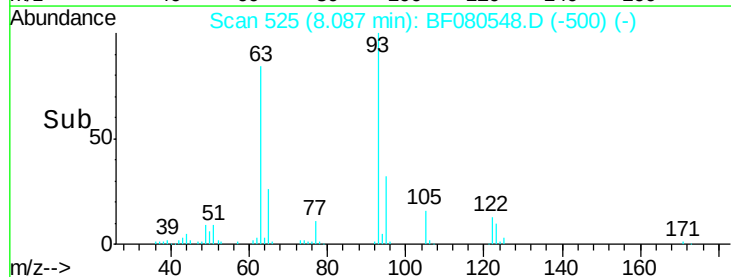
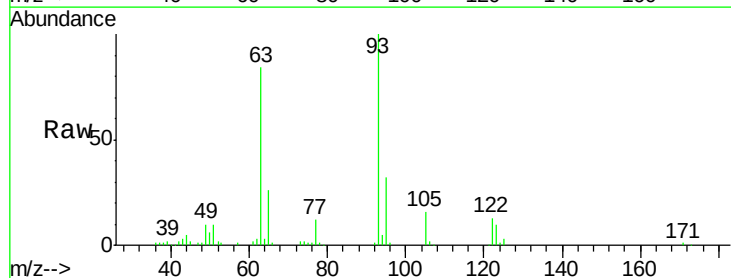
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

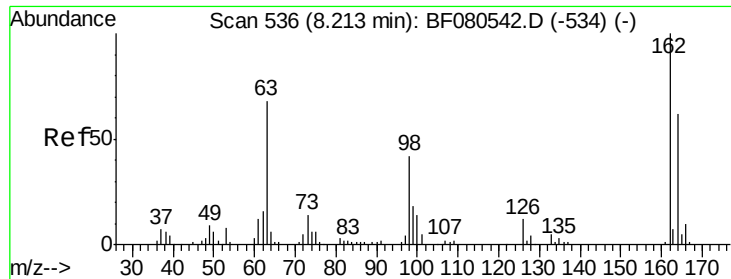
Tot Ion:122 Resp: 126650
 Ion Ratio Lower Upper
 122 100
 107 112.7 91.6 137.4
 121 60.2 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.51 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion: 93 Resp: 133847
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 10.3 12.2 18.4#

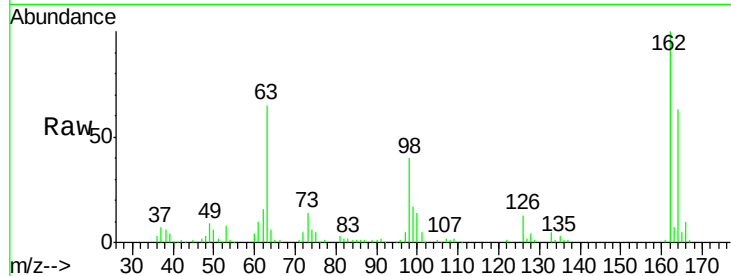




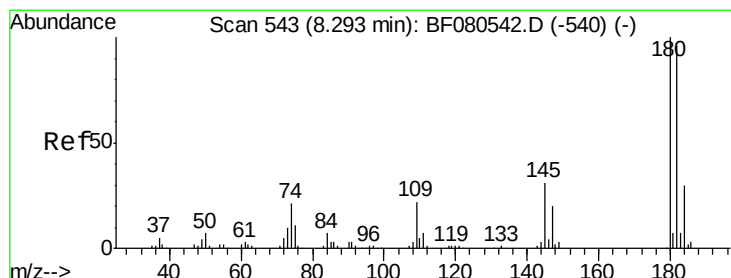
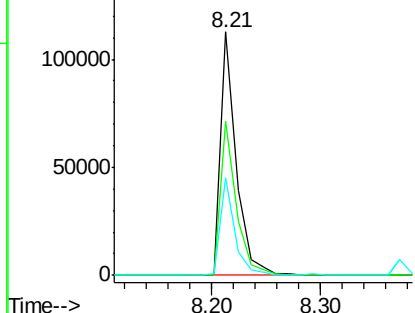
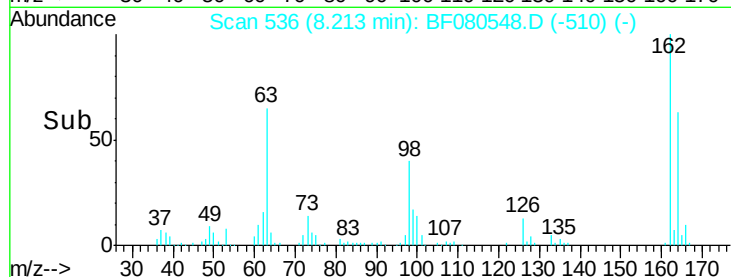
#29
 2,4-Dichlorophenol
 Concen: 48.45 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	41.6	81.6
98	40.1	21.9	61.9

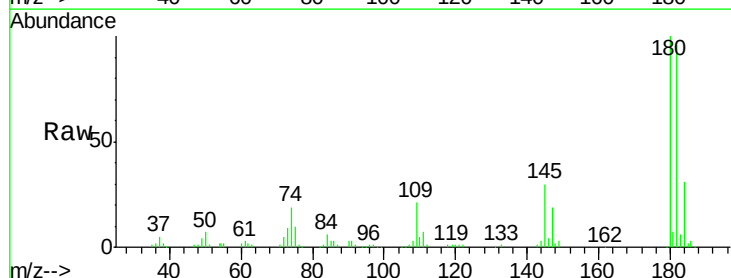


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

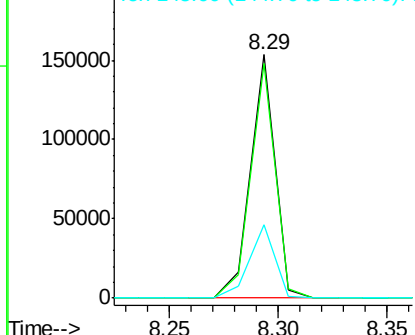
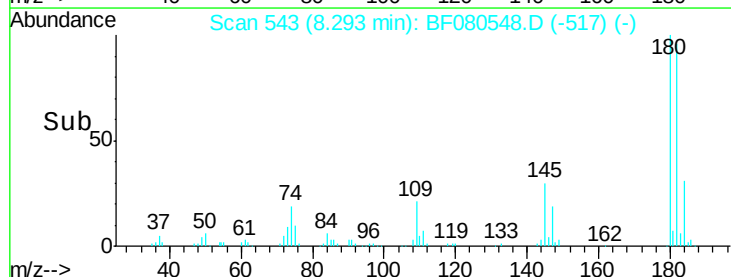


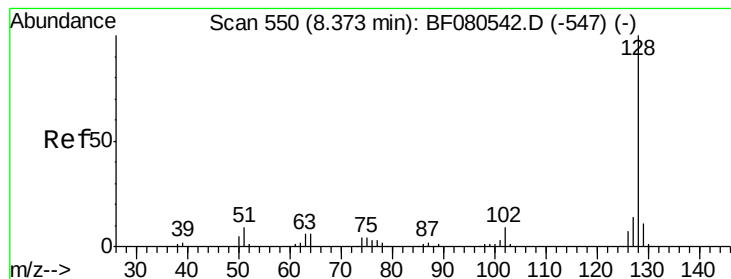
#30
 1,2,4-Trichlorobenzene
 Concen: 40.28 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.4
145	29.9	24.5	36.7



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: 43.54 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

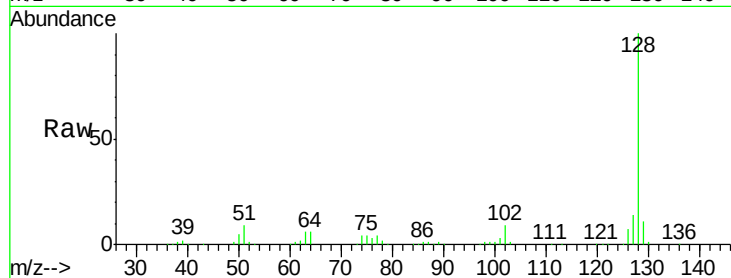
Tot Ion:128 Resp: 399916

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

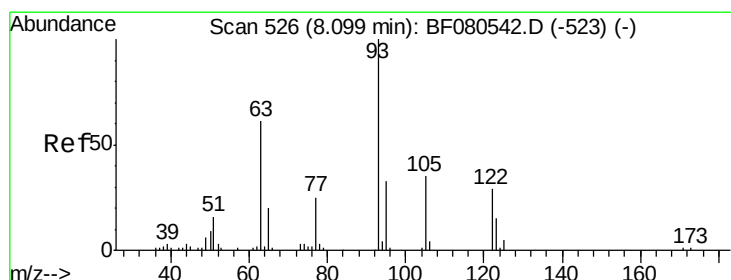
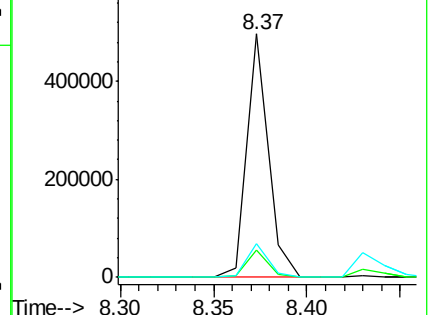
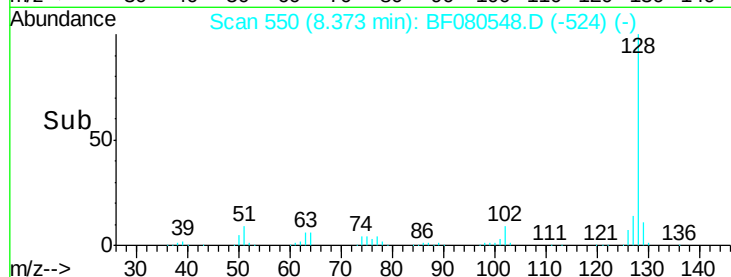
127 13.7 11.0 16.4



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: 21.38 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

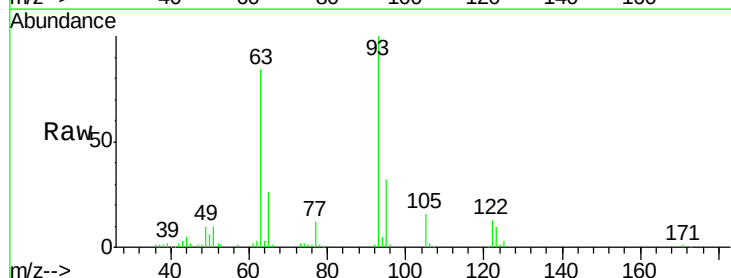
Tgt Ion:122 Resp: 20366

Ion Ratio Lower Upper

122 100

105 120.7 101.3 141.3

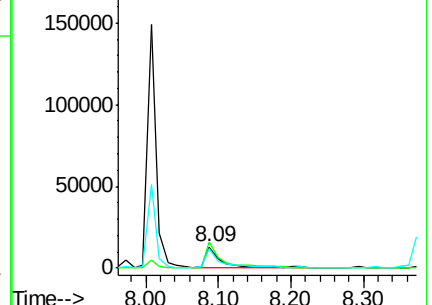
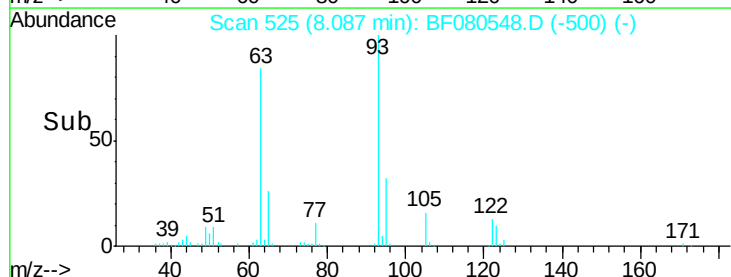
77 92.2 64.1 104.1

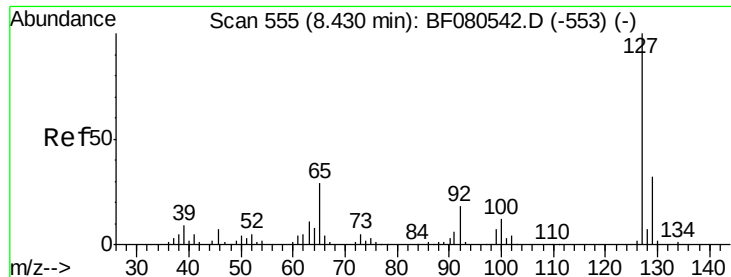


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

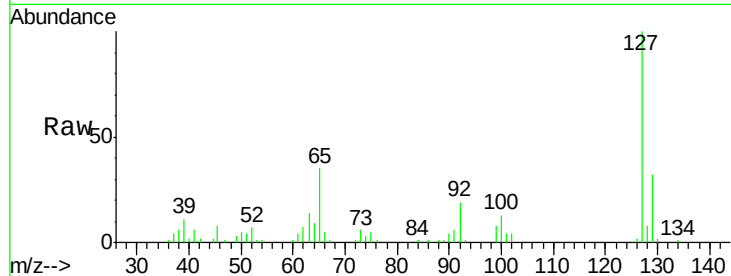




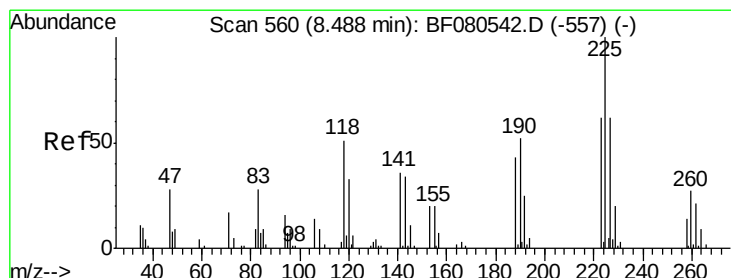
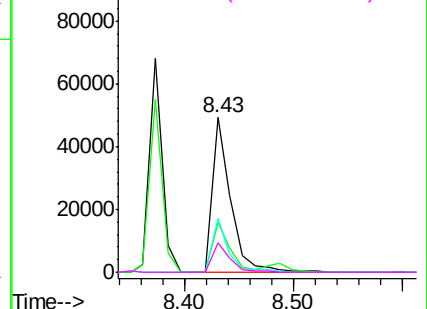
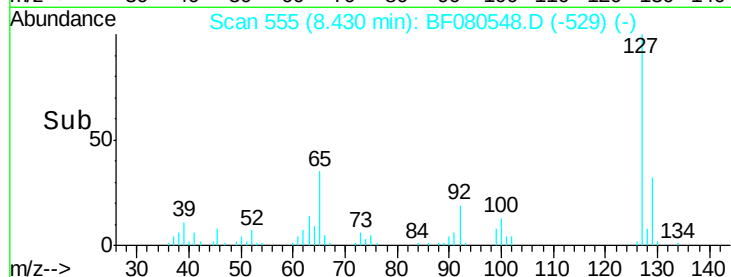
#33
 4-Chloroaniline
 Concen: 15.99 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:127	Resp:	58502
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.3 37.9
65	34.8	23.5 35.3
92	18.8	14.2 21.4

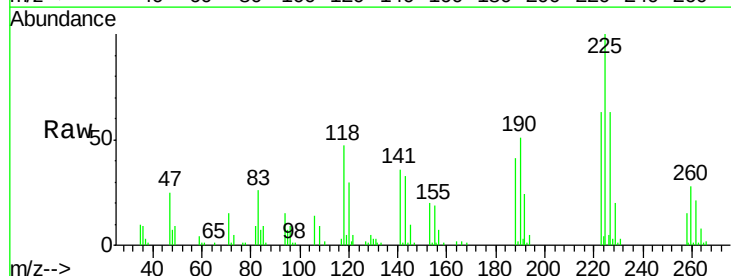


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

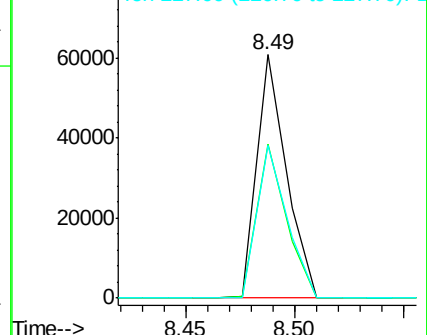
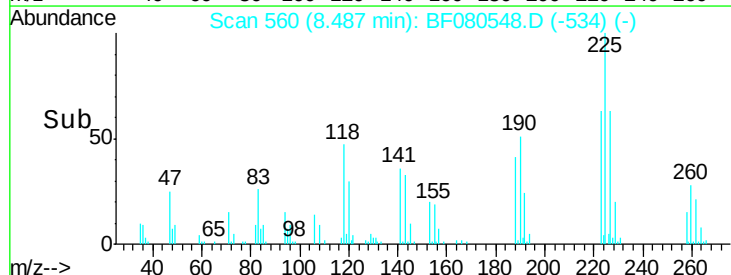


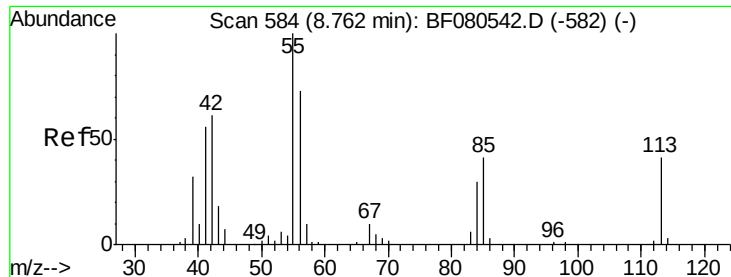
#34
 Hexachlorobutadiene
 Concen: 41.27 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:225	Resp:	57583
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.4 74.2
227	62.6	49.3 73.9



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





#35

Caprolactam

Concen: 50.32 ng

RT: 8.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

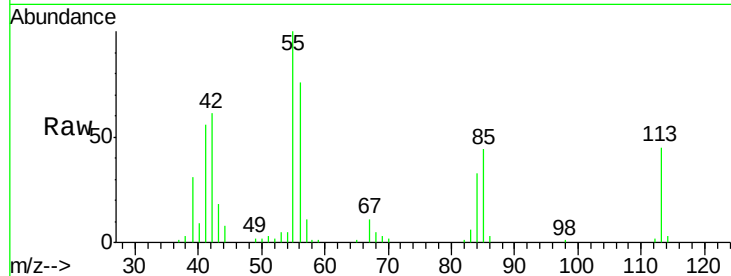
Tot Ion:113 Resp: 29622

Ion Ratio Lower Upper

113 100

55 221.5 225.3 265.3#

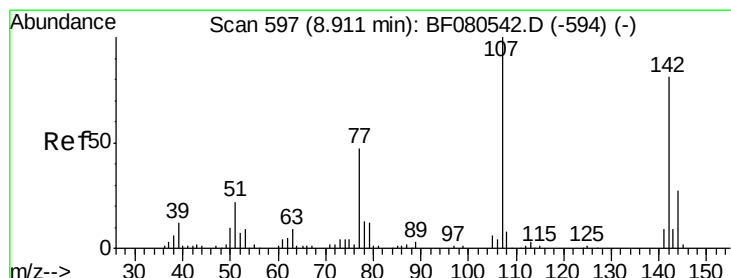
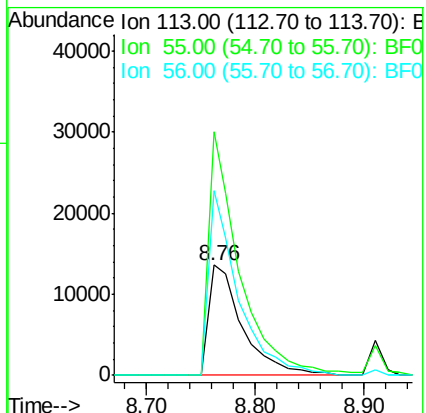
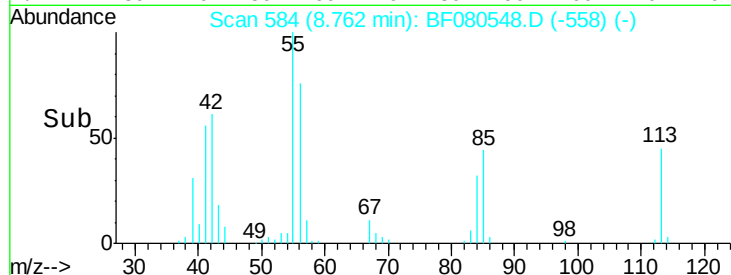
56 167.8 159.9 199.9



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: 50.42 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

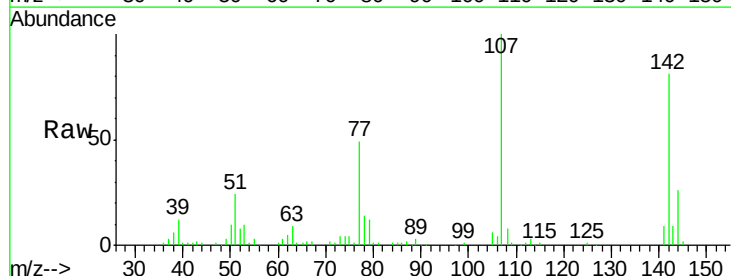
Tgt Ion:107 Resp: 121589

Ion Ratio Lower Upper

107 100

144 25.8 21.4 32.0

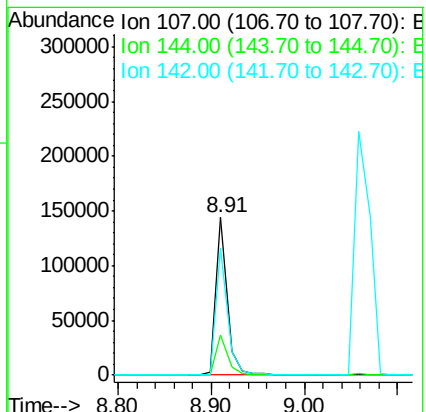
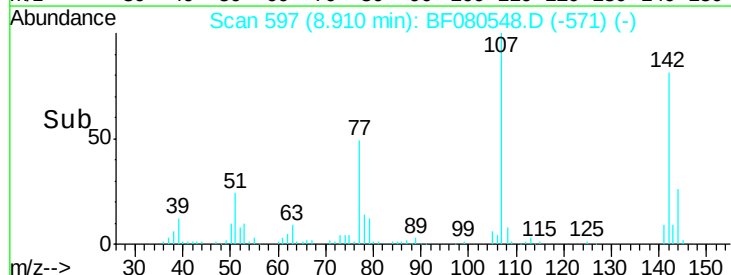
142 80.9 64.4 96.6

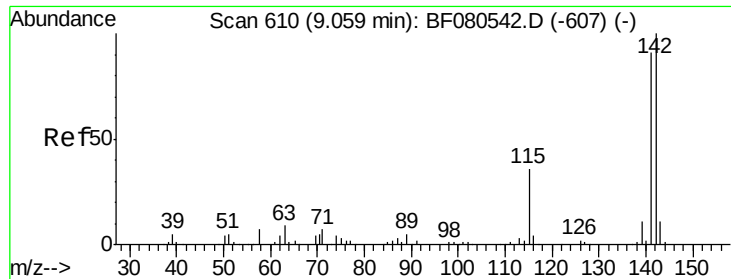


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

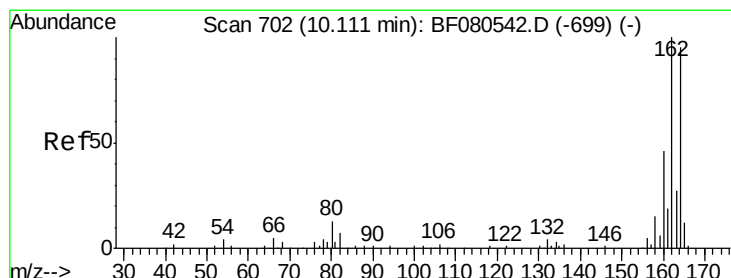
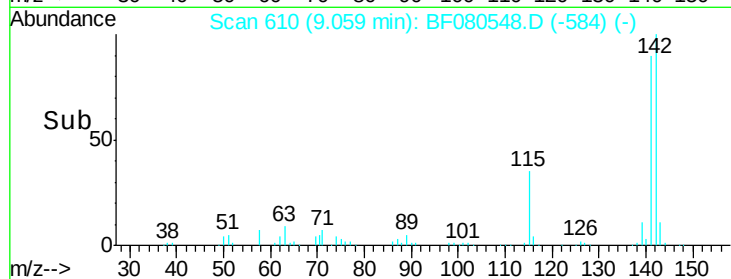
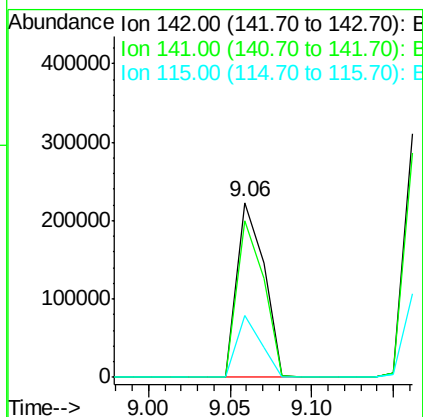
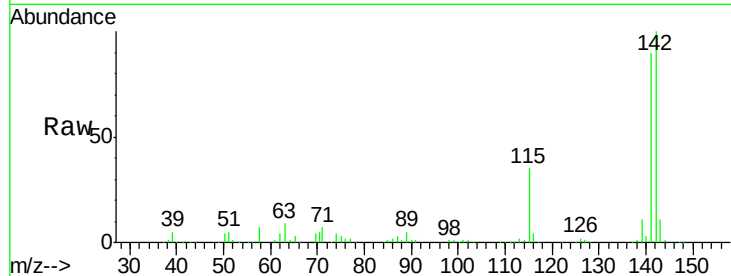




#37
2-Methylnaphthalene
Concen: 45.09 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

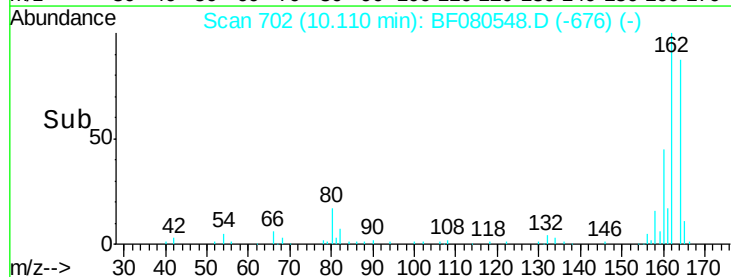
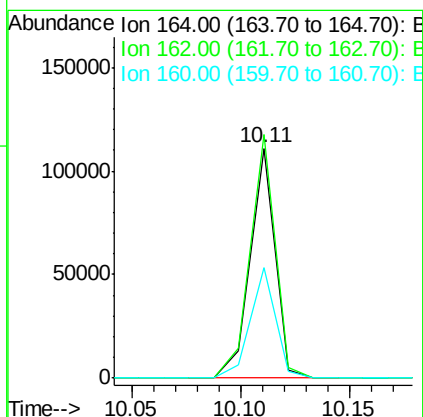
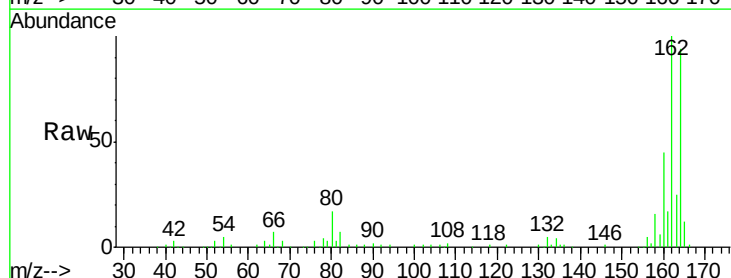
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

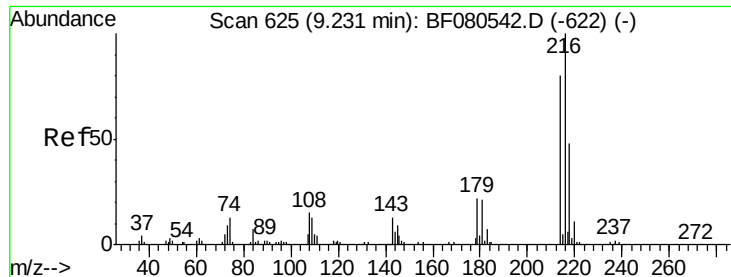
Tot Ion:142 Resp: 254209
Ion Ratio Lower Upper
142 100
141 89.9 72.5 108.7
115 35.3 28.7 43.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:164 Resp: 87813
Ion Ratio Lower Upper
164 100
162 105.9 84.1 126.1
160 47.9 38.8 58.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.72 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:216 Resp: 115853

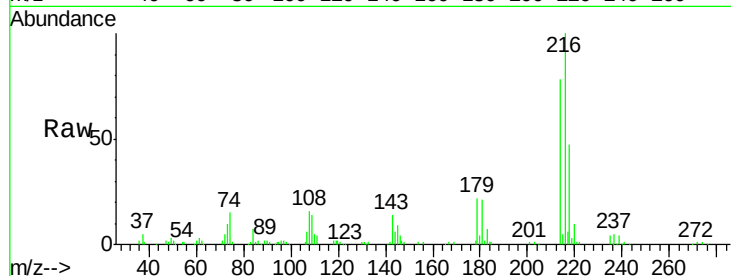
Ion Ratio Lower Upper

216 100

214 77.7 63.6 95.4

179 22.7 18.3 27.5

108 21.4 15.0 22.4

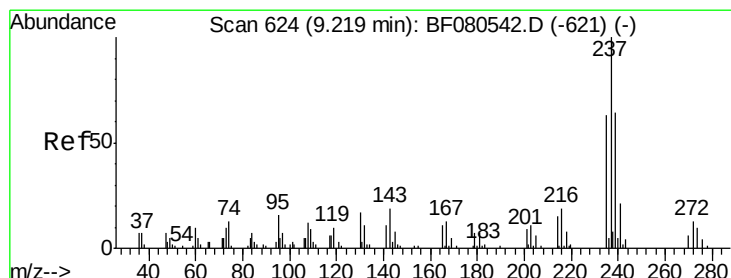
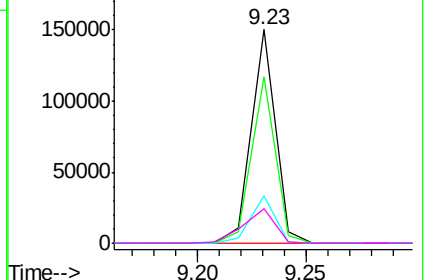
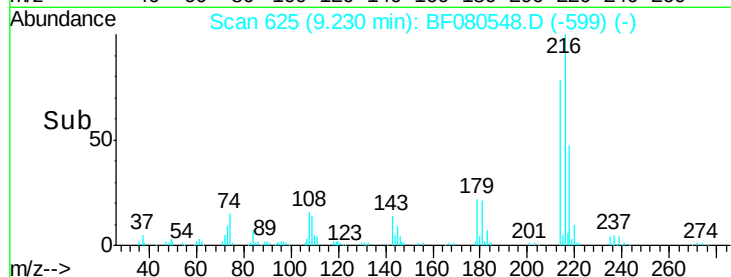


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.01 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

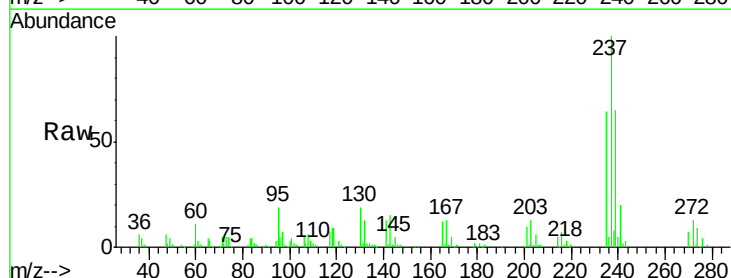
Tgt Ion:237 Resp: 118964

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

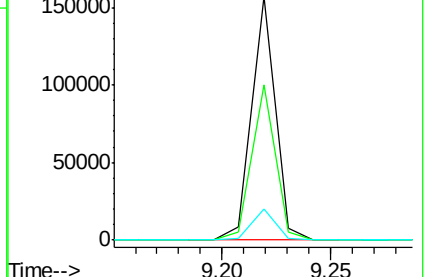
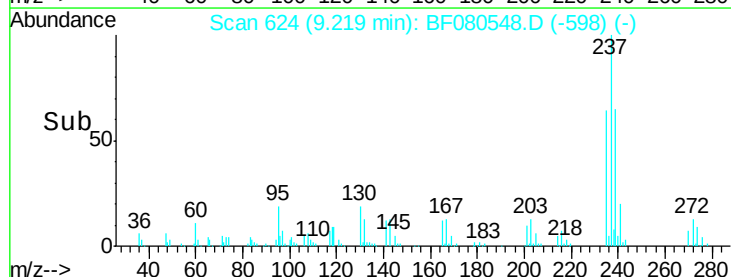
272 12.8 0.0 33.3

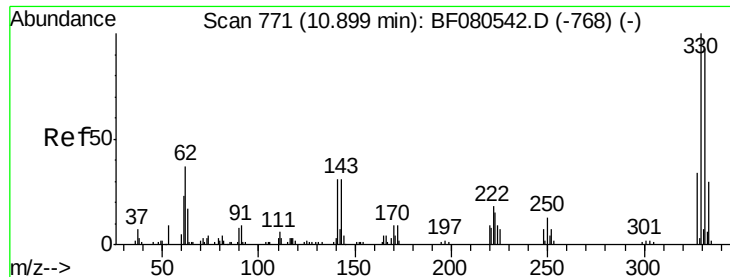


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.64 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

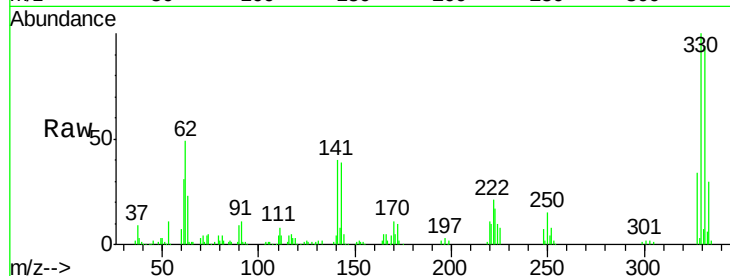
Tot Ion:330 Resp: 123872

Ion Ratio Lower Upper

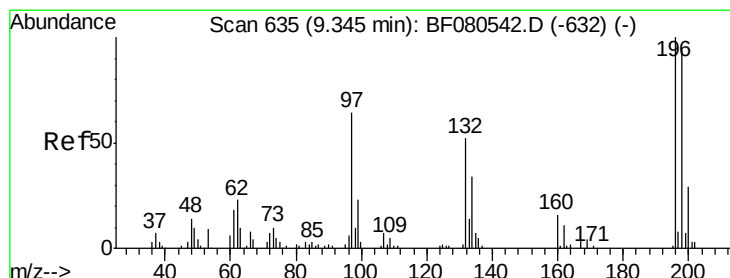
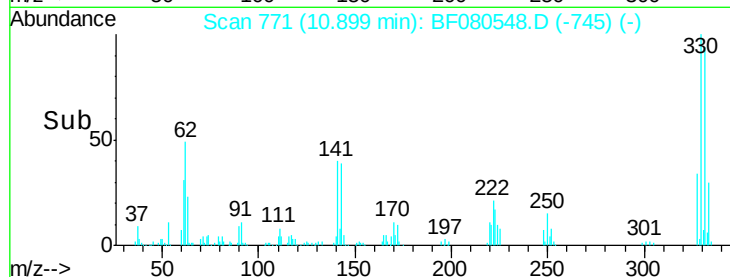
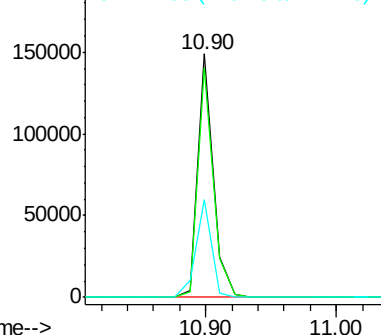
330 100

332 94.1 74.3 111.5

141 40.6 29.0 43.4



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



#42

2,4,6-Trichlorophenol

Concen: 49.20 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

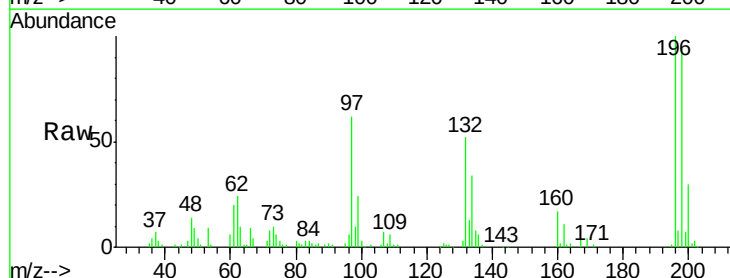
Tgt Ion:196 Resp: 78690

Ion Ratio Lower Upper

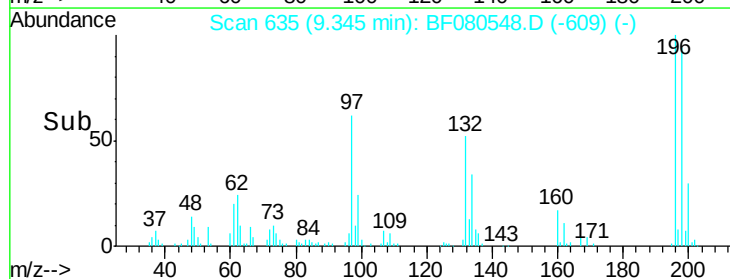
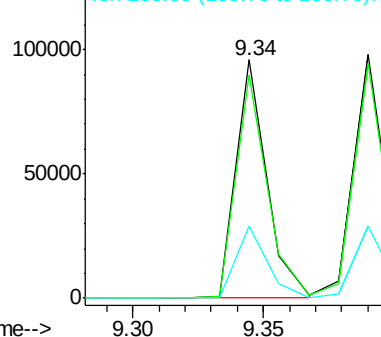
196 100

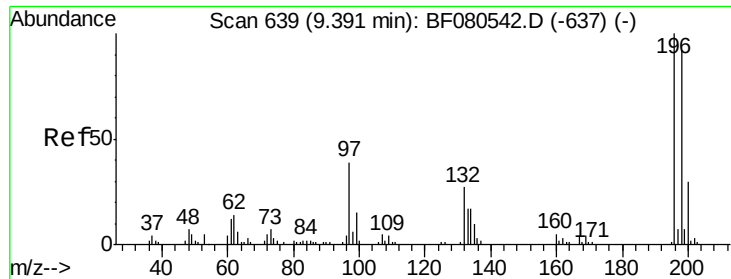
198 93.6 75.4 113.2

200 30.0 23.3 34.9



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

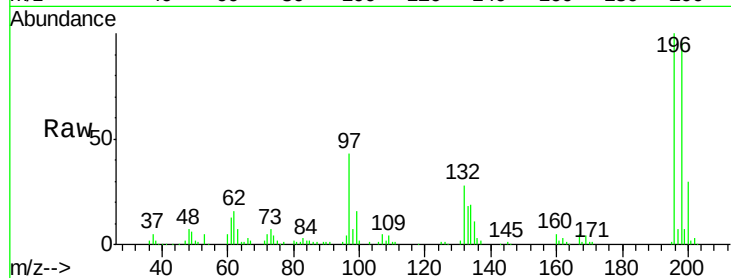




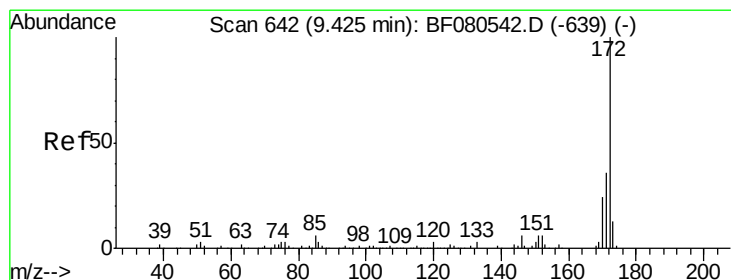
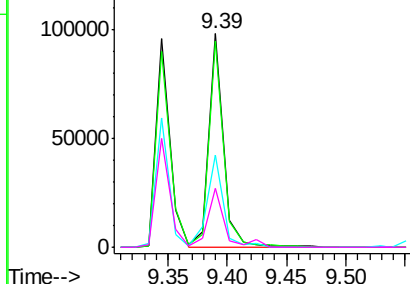
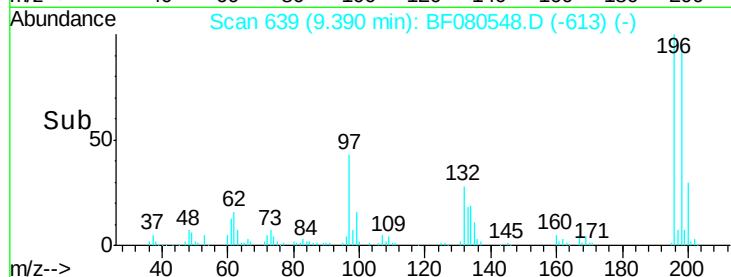
#43
 2,4,5-Trichlorophenol
 Concen: 48.21 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:196	Resp:	84242
Ion Ratio	Lower	Upper
196	100	
198	96.5	73.8 110.8
97	43.2	31.3 46.9
132	27.7	21.7 32.5

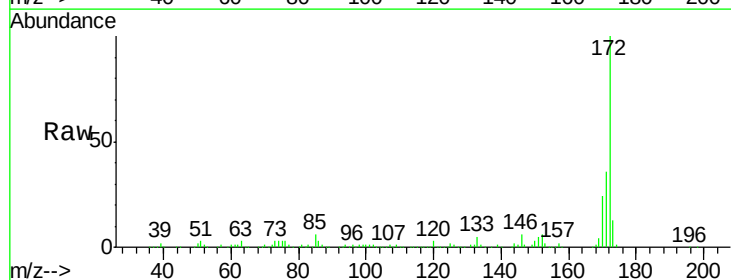


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

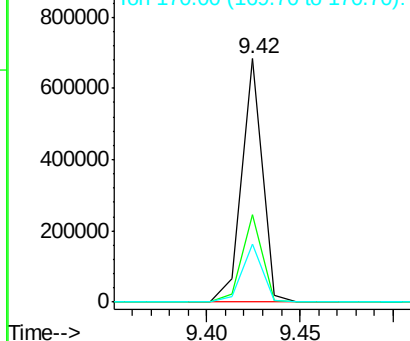
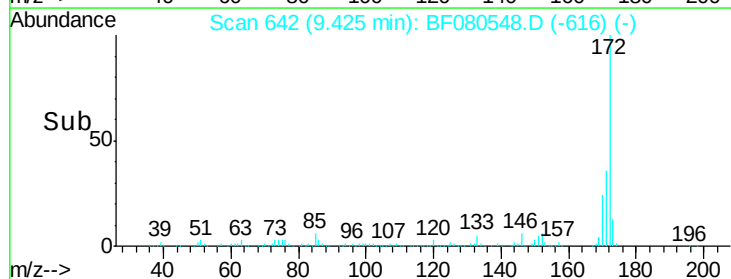


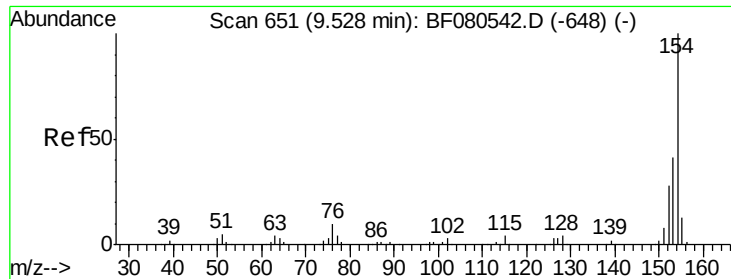
#44
 2-Fluorobiphenyl
 Concen: 84.57 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:172	Resp:	528707
Ion Ratio	Lower	Upper
172	100	
171	35.8	28.8 43.2
170	23.8	19.0 28.4



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

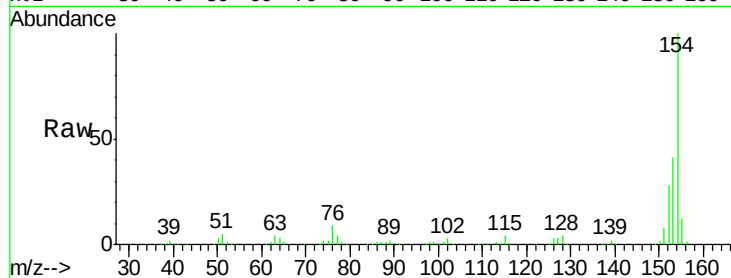




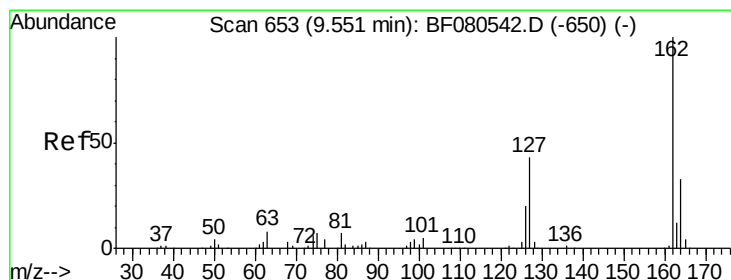
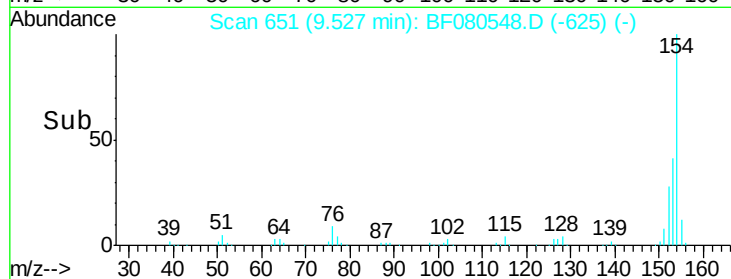
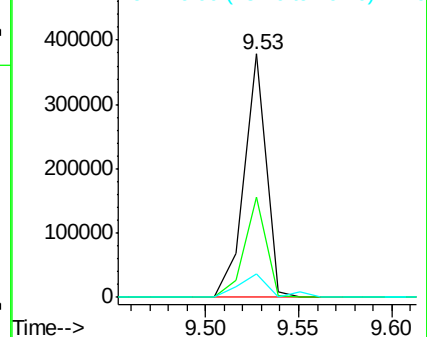
#45
 1,1'-Biphenyl
 Concen: 42.83 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	9.4	0.0	29.6

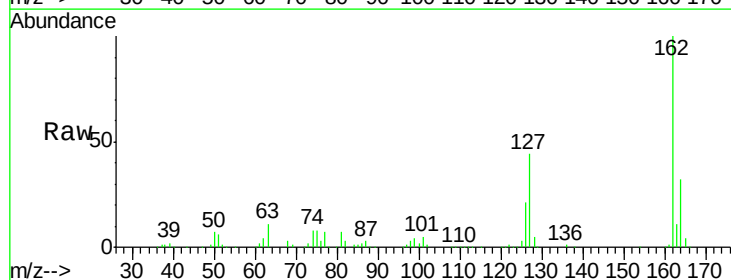


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

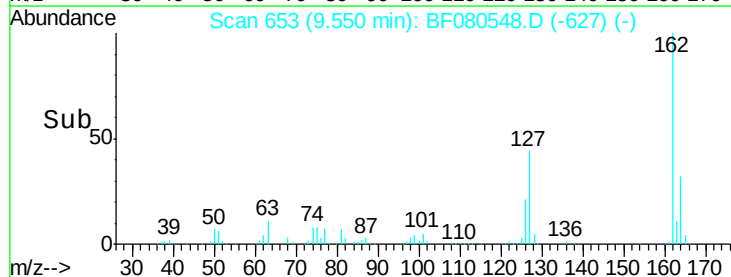
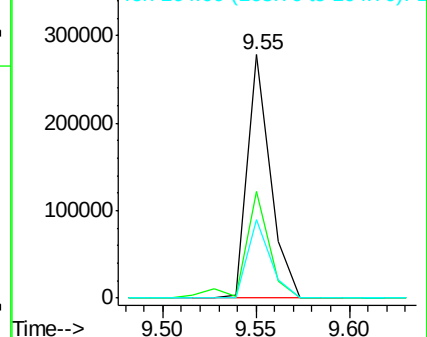


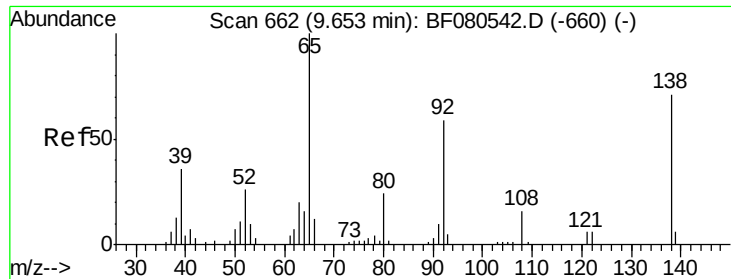
#46
 2-Chloronaphthalene
 Concen: 44.32 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.4	53.2
164	32.4	26.2	39.2



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: 47.26 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

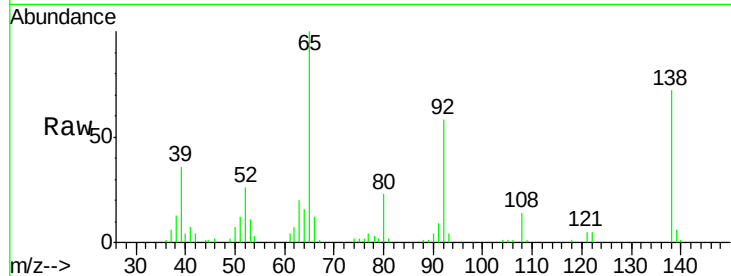
Tot Ion: 65 Resp: 64635

Ion Ratio Lower Upper

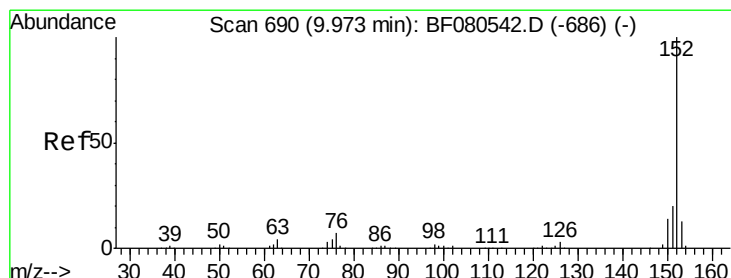
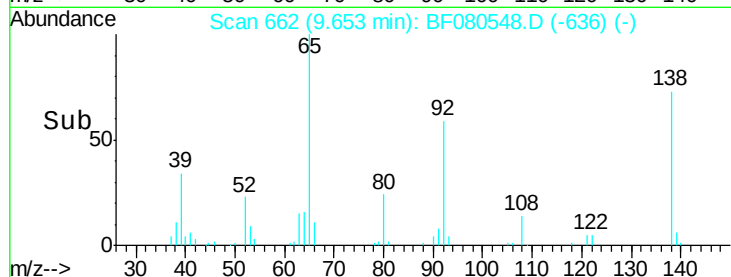
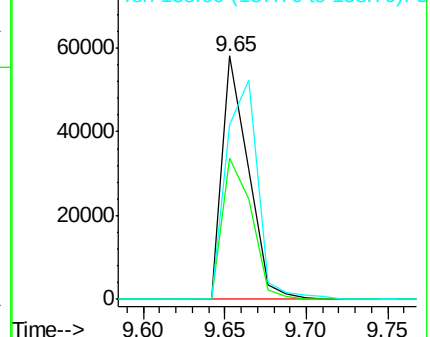
65 100

92 58.0 47.4 71.0

138 71.7 57.1 85.7



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



#48

Acenaphthylene

Concen: 44.78 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

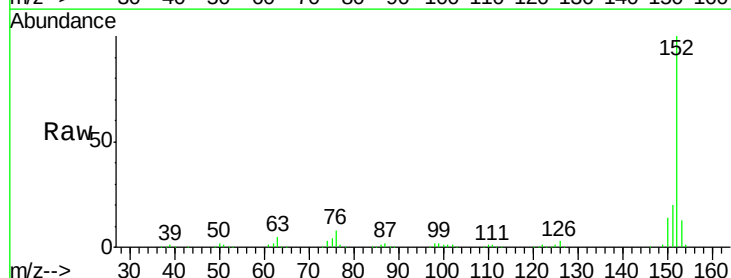
Tgt Ion: 152 Resp: 397790

Ion Ratio Lower Upper

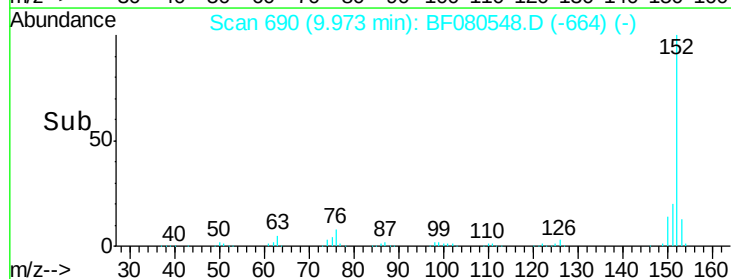
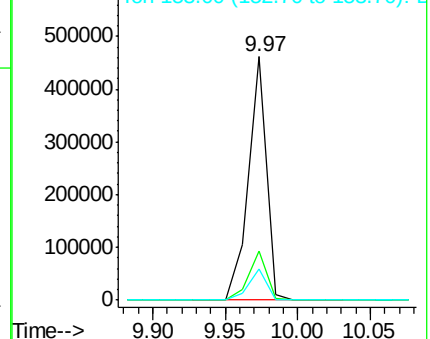
152 100

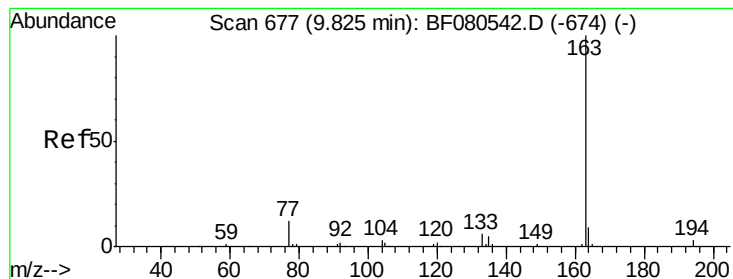
151 20.4 15.8 23.8

153 12.9 10.4 15.6



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





#49

Dimethylphthalate

Concen: 71.27 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

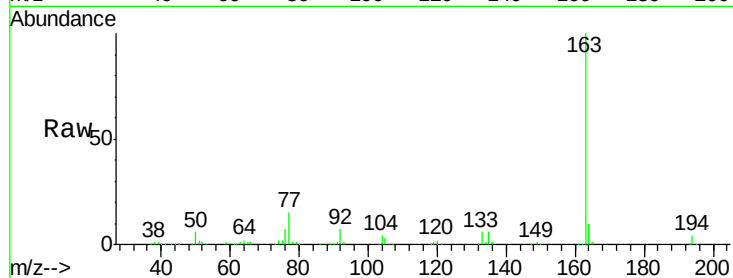
Tot Ion:163 Resp: 416452

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

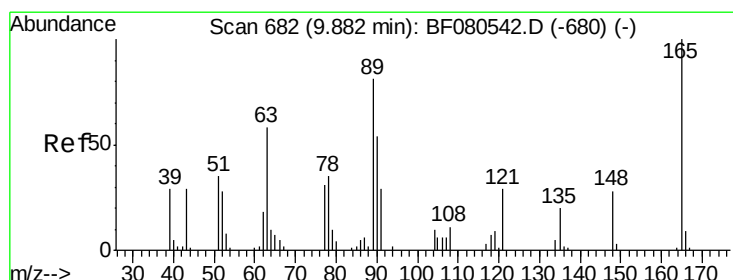
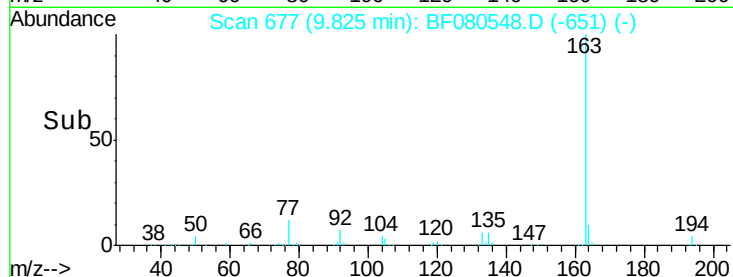
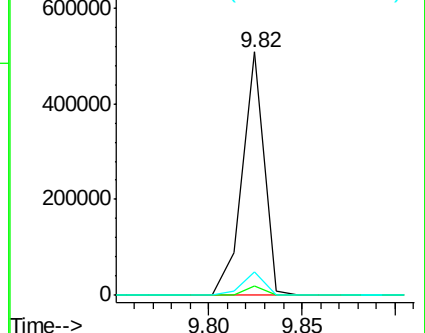
164 9.8 7.4 11.2



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: 48.70 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

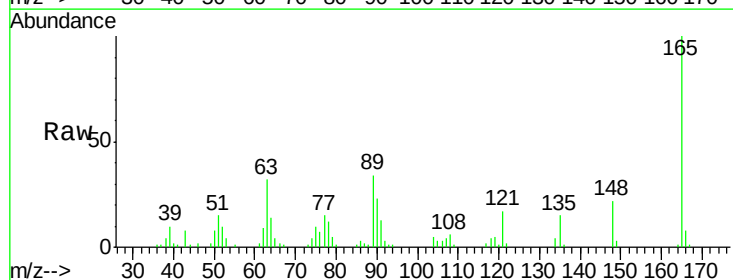
Tgt Ion:165 Resp: 58723

Ion Ratio Lower Upper

165 100

63 32.1 74.5 111.7#

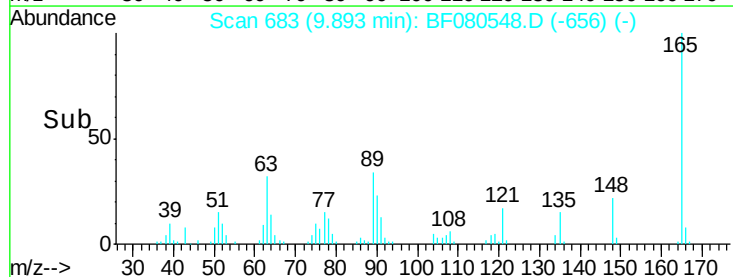
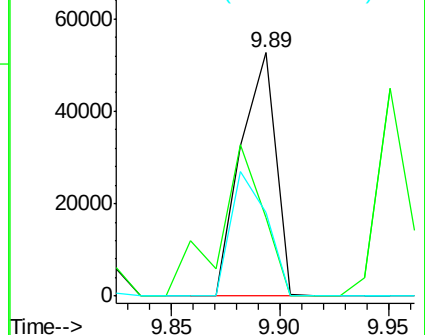
89 34.3 64.6 97.0#

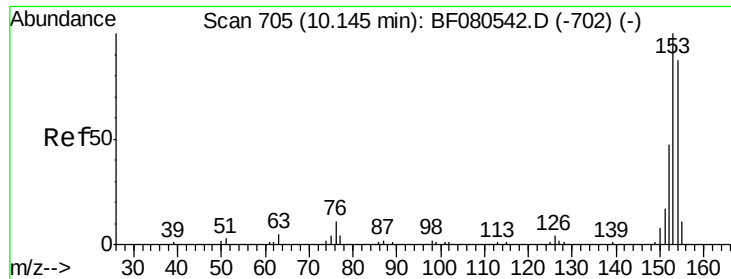


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.80 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

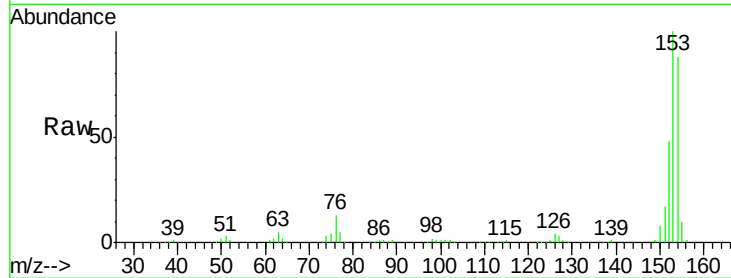
Tot Ion:154 Resp: 254052

Ion Ratio Lower Upper

154 100

153 114.1 92.3 138.5

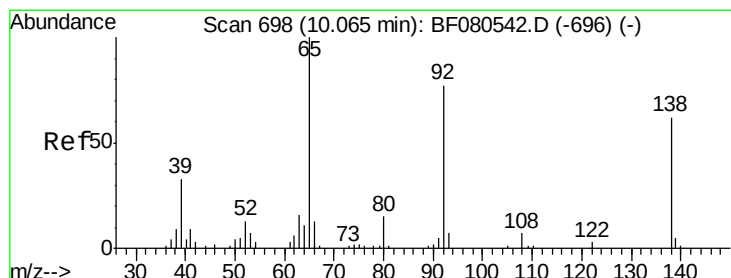
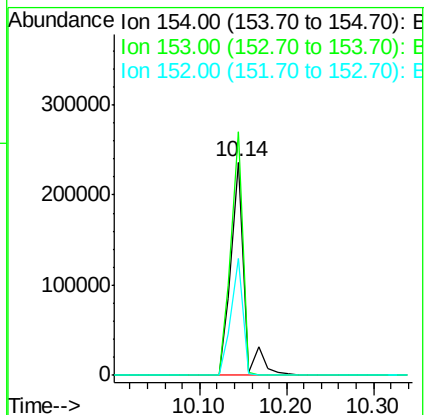
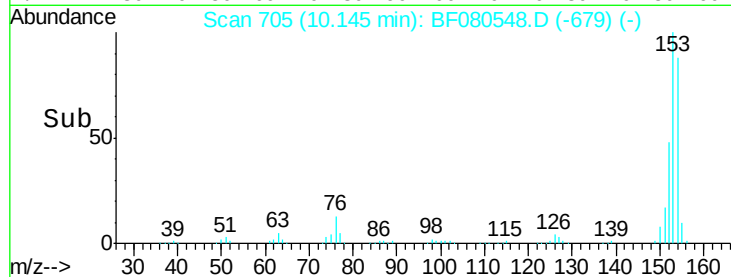
152 55.0 43.4 65.2



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: 27.65 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

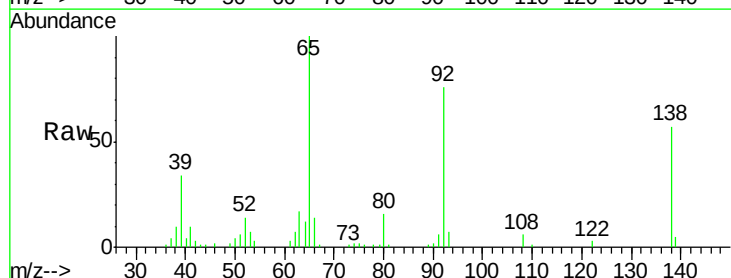
Tgt Ion:138 Resp: 33410

Ion Ratio Lower Upper

138 100

108 11.4 8.6 12.8

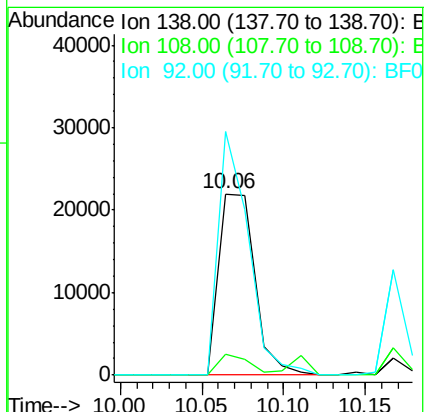
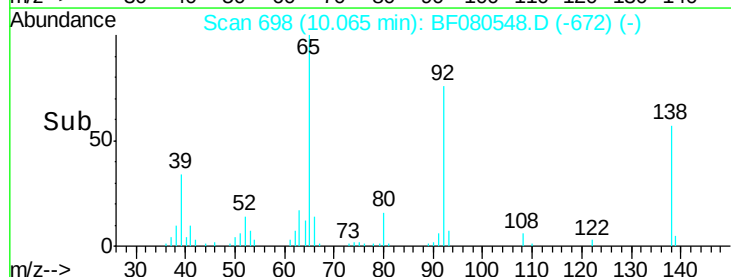
92 134.2 99.7 149.5

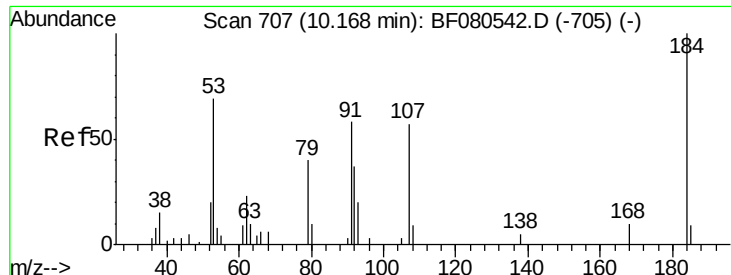


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

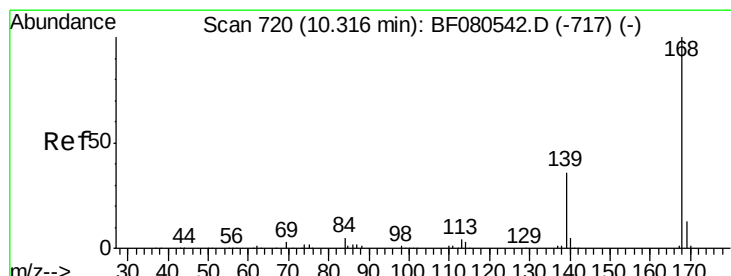
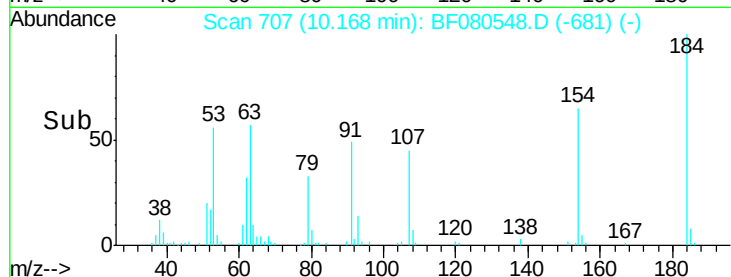
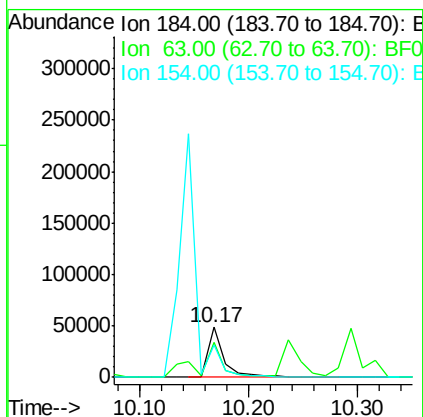
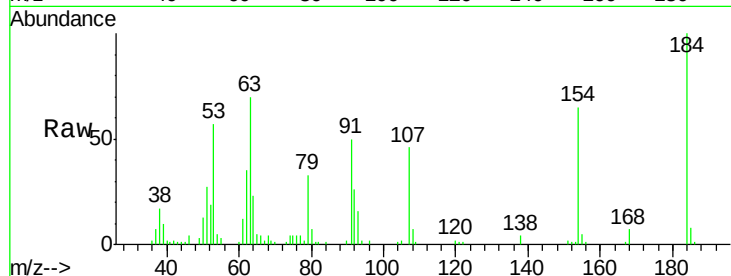




#53
2,4-Dinitrophenol
Concen: 76.42 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

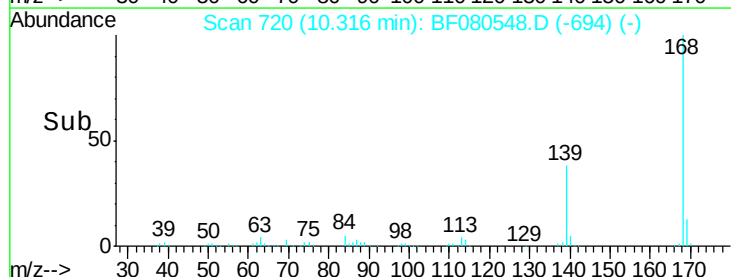
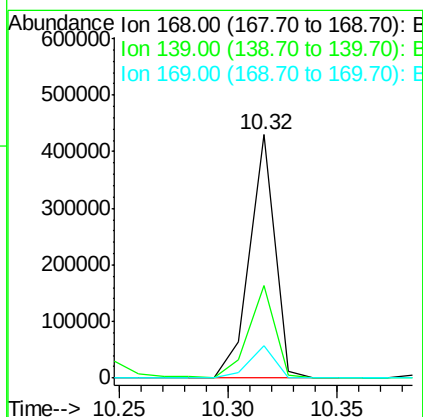
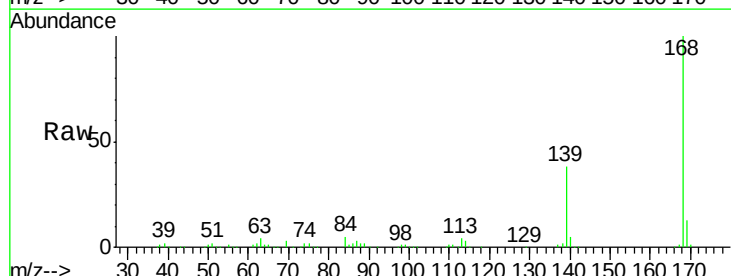
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

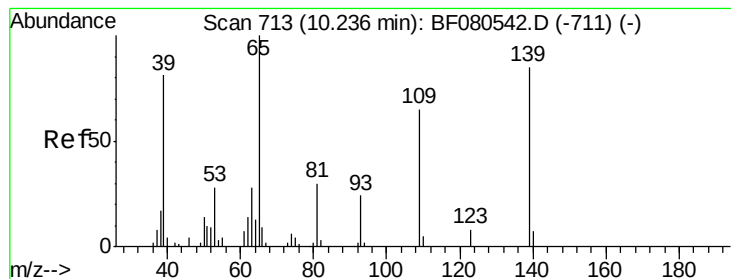
Tot Ion:184 Resp: 49971
Ion Ratio Lower Upper
184 100
63 69.8 74.8 112.2#
154 64.7 55.6 83.4



#54
Dibenzofuran
Concen: 45.99 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:168 Resp: 347596
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.4
169 13.3 10.6 15.8





#55

4-Nitrophenol

Concen: 98.73 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

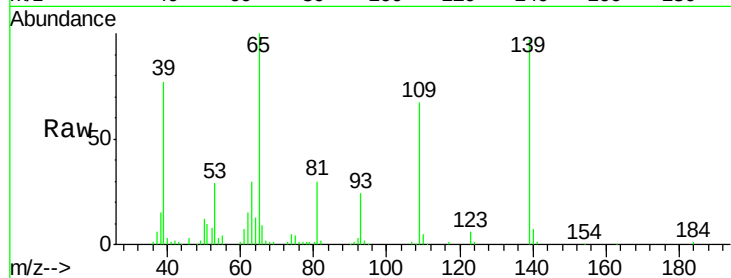
Tot Ion:139 Resp: 111351

Ion Ratio Lower Upper

139 100

109 69.4 56.0 96.0

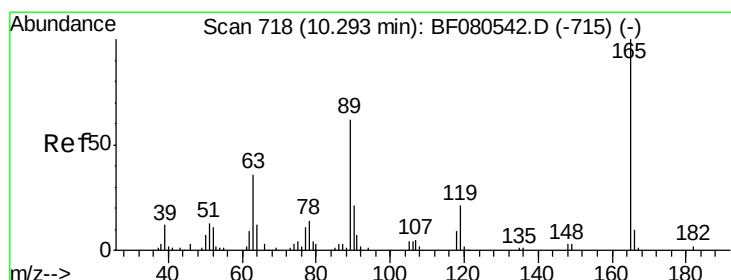
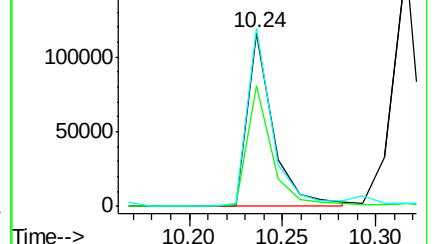
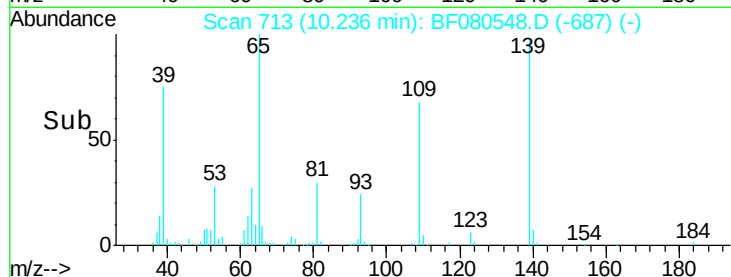
65 103.0 97.3 137.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.96 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Tgt Ion:165 Resp: 90001

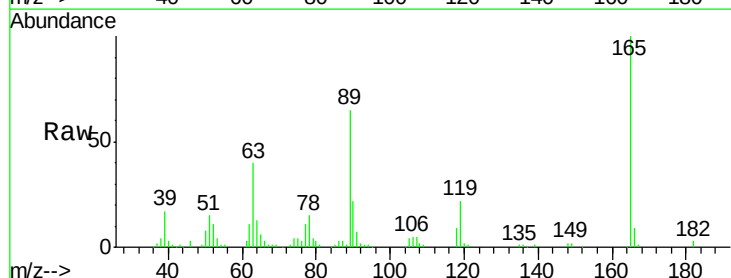
Ion Ratio Lower Upper

165 100

63 40.4 30.2 45.4

89 65.3 49.9 74.9

182 2.6 1.8 2.6

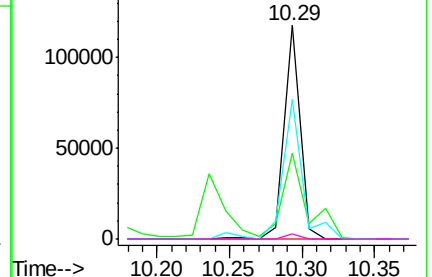
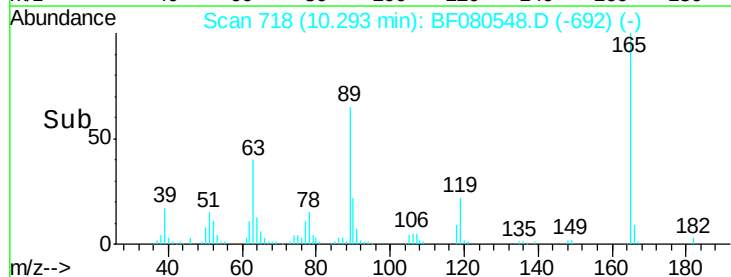


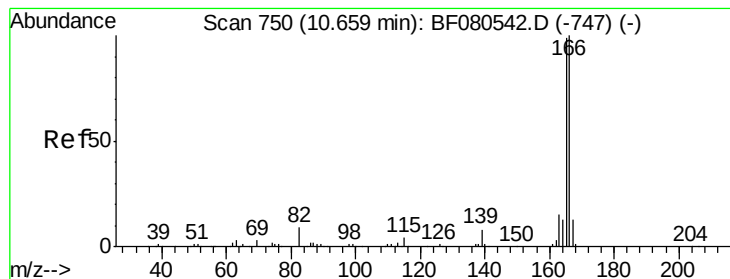
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.56 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

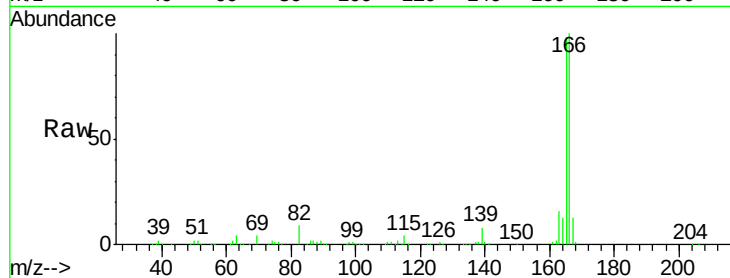
Tot Ion:166 Resp: 278871

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

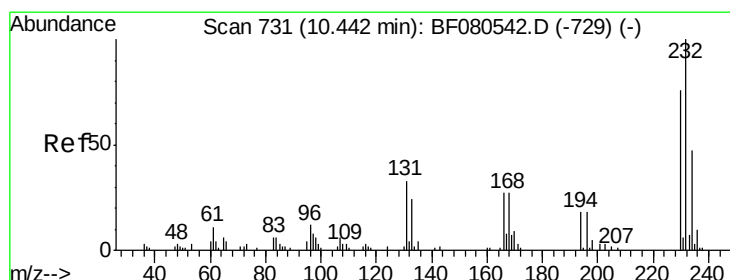
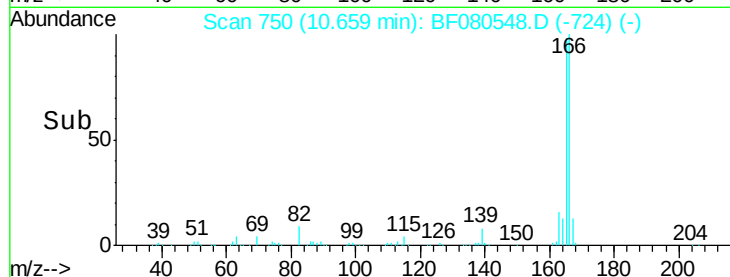
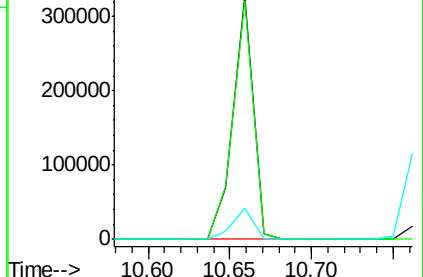
167 12.8 10.1 15.1



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: 50.59 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Tgt Ion:232 Resp: 61852

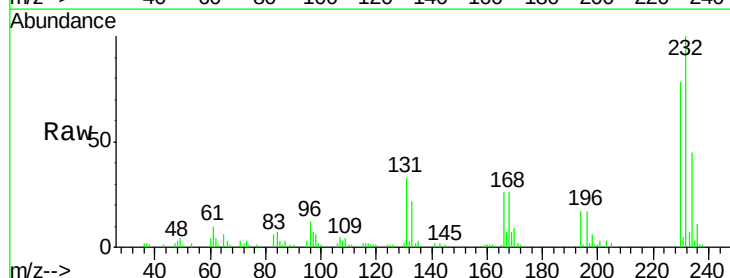
Ion Ratio Lower Upper

232 100

131 49.5 42.7 64.1

130 2.4 1.8 2.6

166 32.3 27.6 41.4

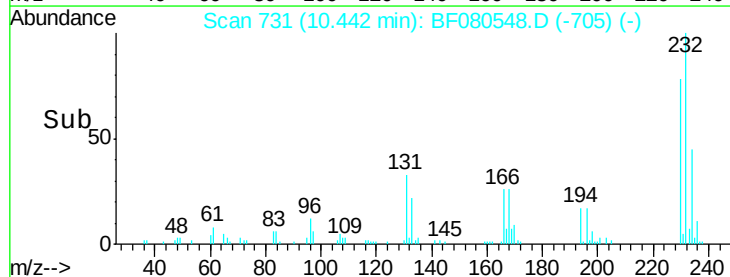
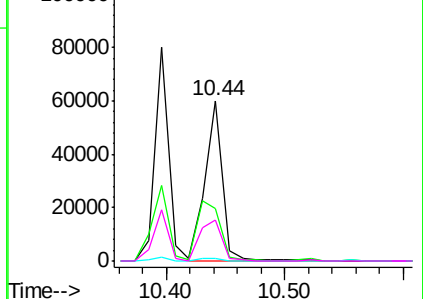


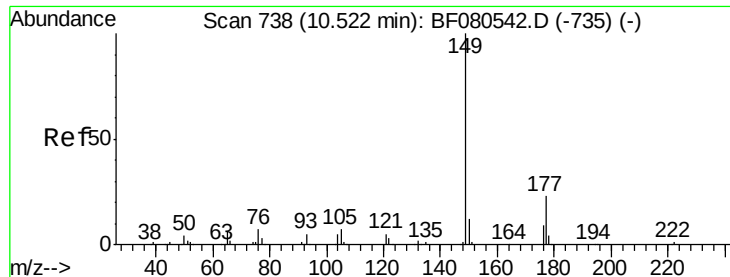
Abundance Ion 232.00 (231.70 to 232.70): E

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

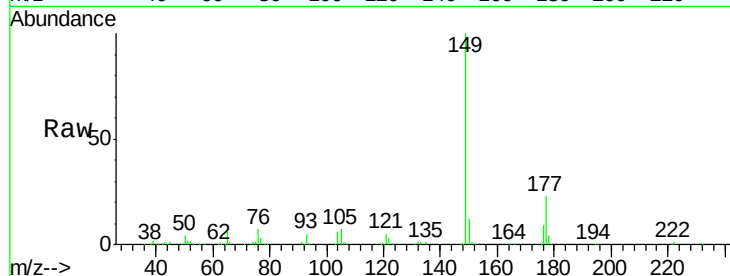




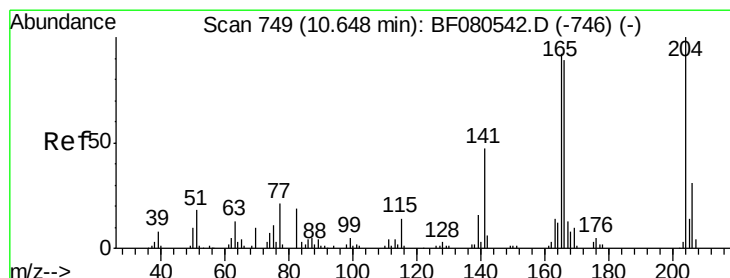
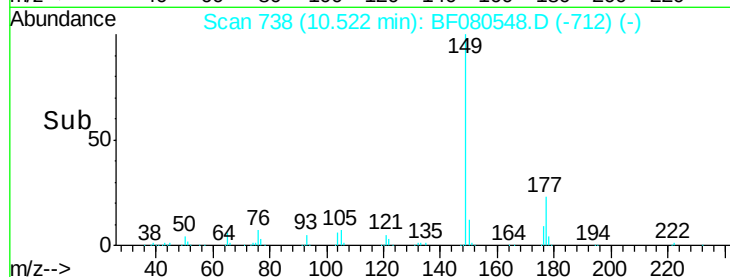
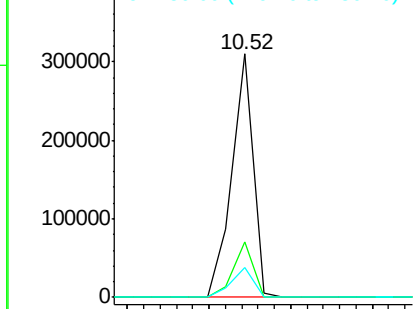
#59
Diethylphthalate
Concen: 50.09 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:149 Resp: 276332
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.1 9.6 14.4

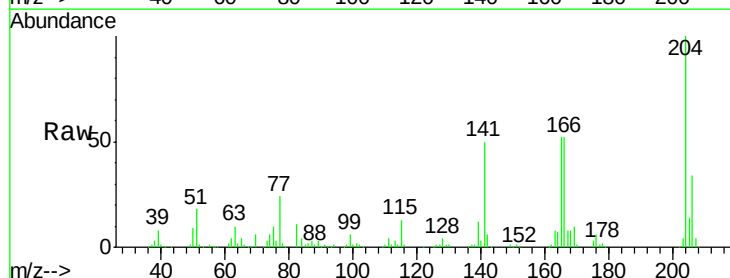


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

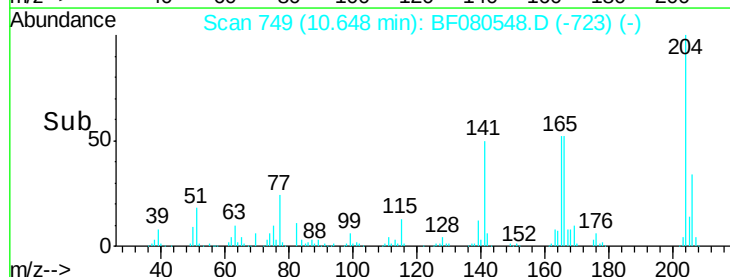
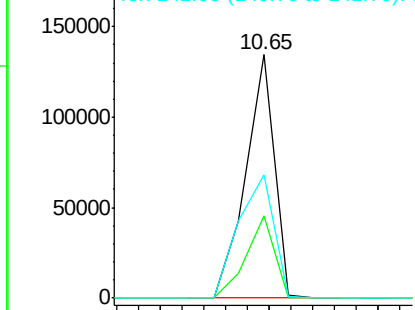


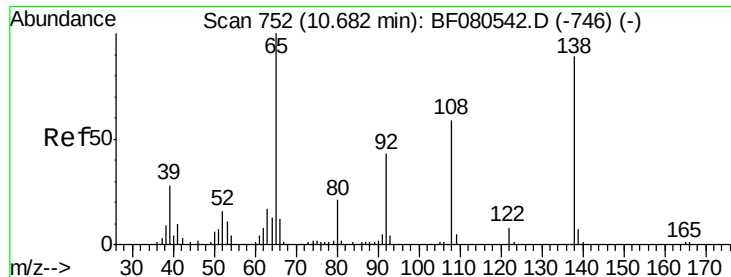
#60
4-Chlorophenyl-phenylether
Concen: 45.78 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:204 Resp: 122812
Ion Ratio Lower Upper
204 100
206 33.7 24.9 37.3
141 50.5 37.9 56.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

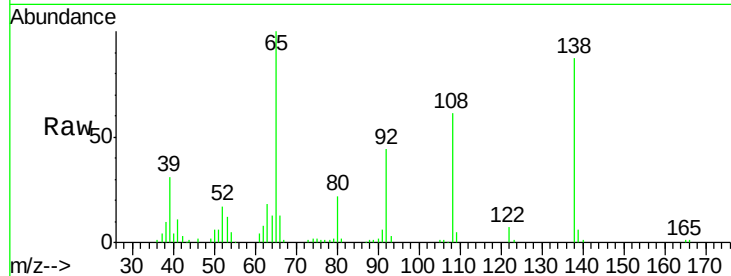




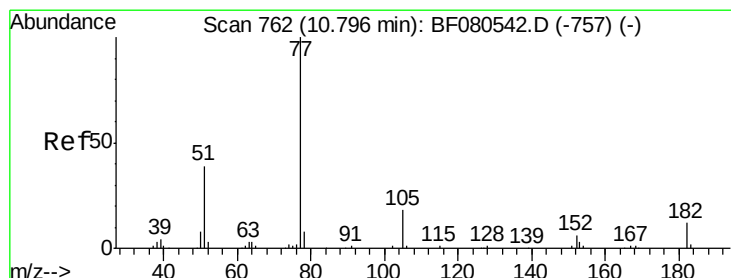
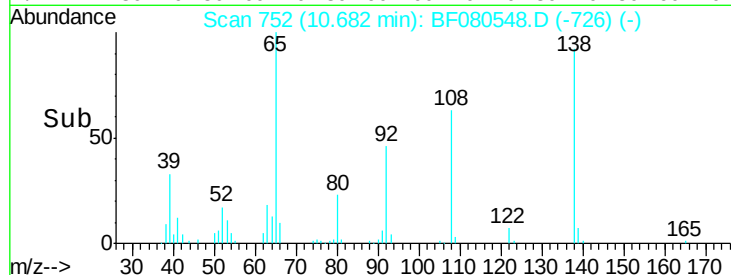
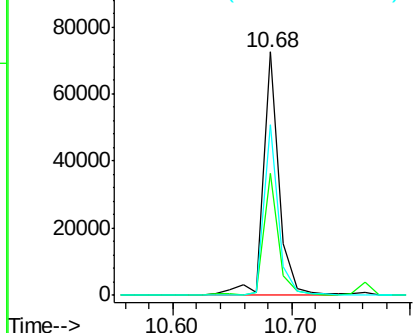
#61
4-Nitroaniline
Concen: 46.84 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:138 Resp: 66989
Ion Ratio Lower Upper
138 100
92 50.3 28.9 68.9
108 70.0 46.9 86.9

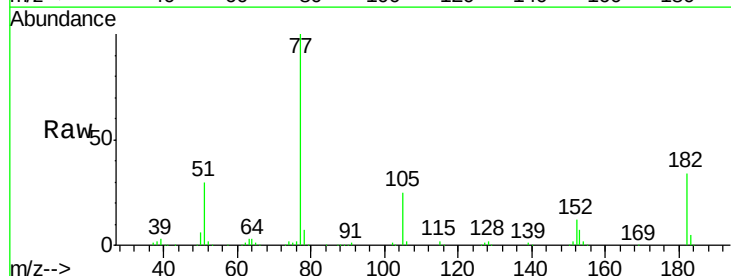


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

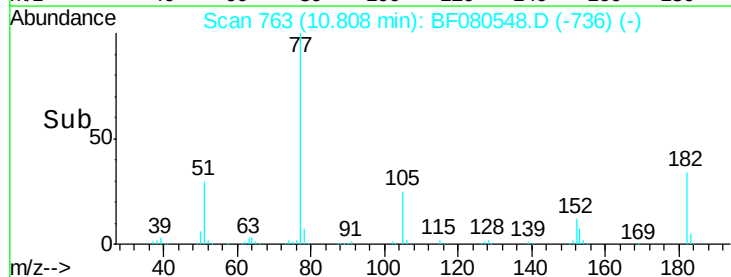
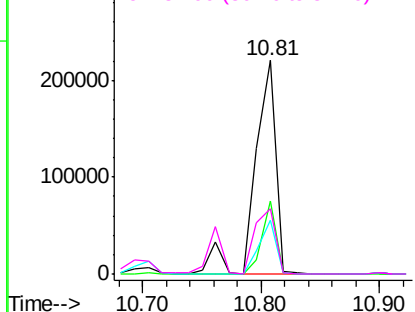


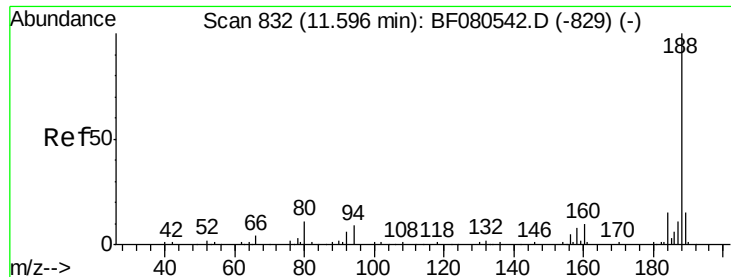
#62
Azobenzene
Concen: 48.67 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion: 77 Resp: 270161
Ion Ratio Lower Upper
77 100
182 33.9 0.0 31.9#
105 25.0 0.0 38.0
51 30.3 19.8 59.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

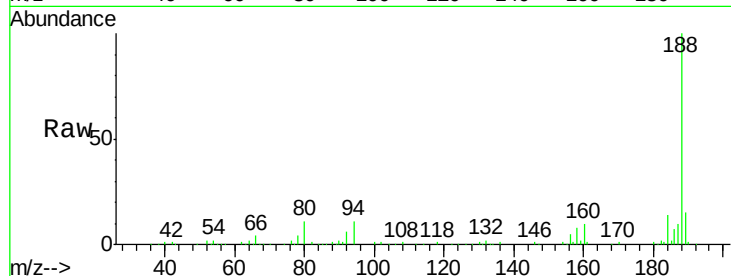




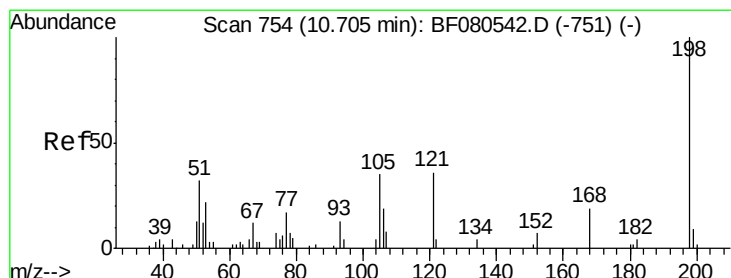
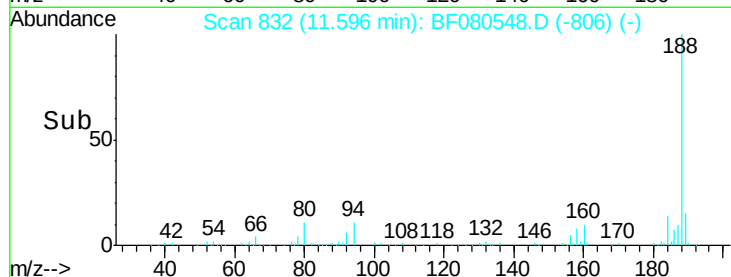
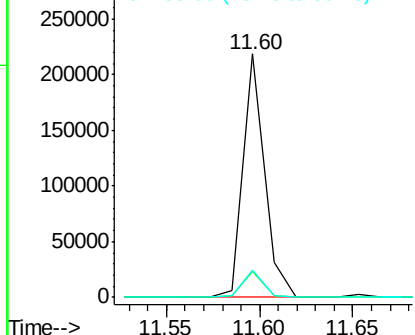
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:188 Resp: 176955
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.1 8.6 12.8

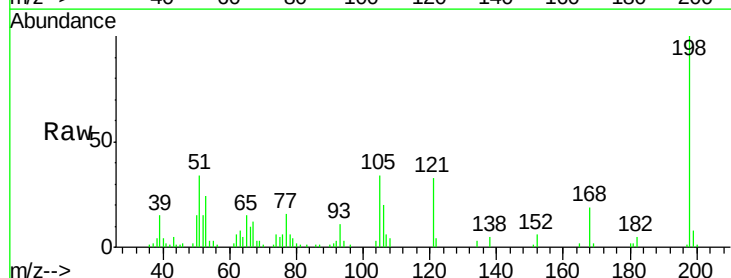


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

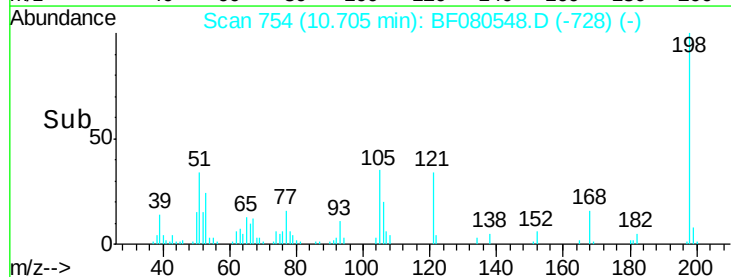
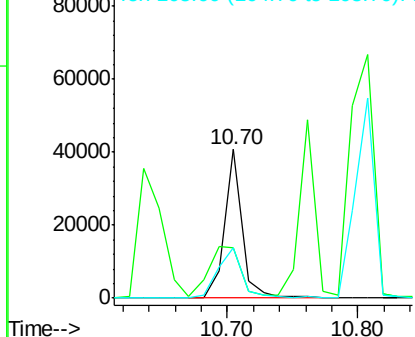


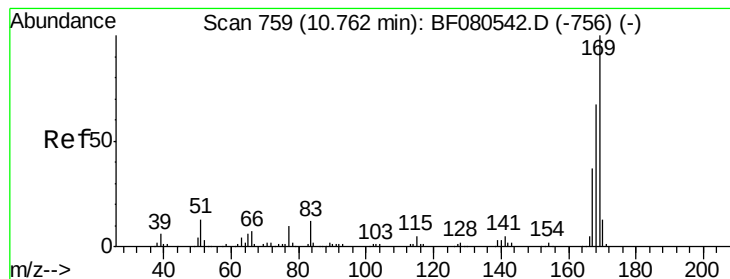
#64
4,6-Dinitro-2-methylphenol
Concen: 45.46 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:198 Resp: 38050
Ion Ratio Lower Upper
198 100
51 33.7 16.0 56.0
105 34.2 15.1 55.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.56 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

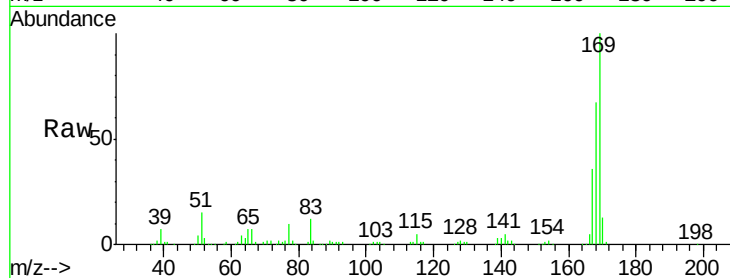
Tot Ion:169 Resp: 248097

Ion Ratio Lower Upper

169 100

168 67.4 53.3 79.9

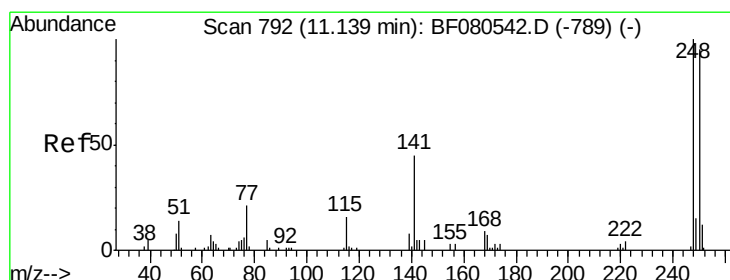
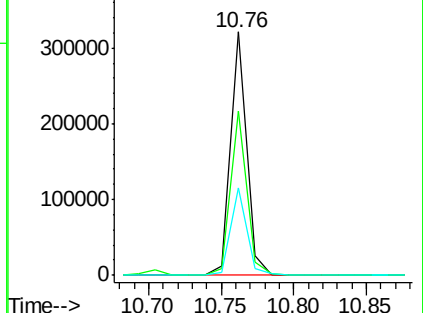
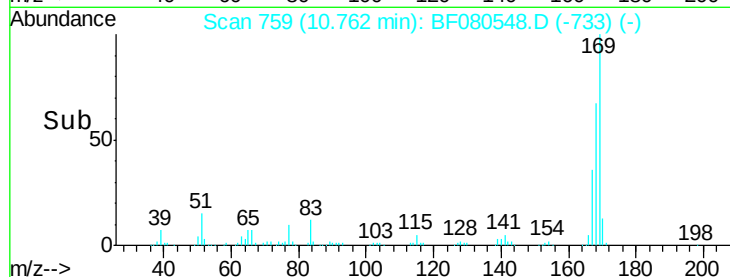
167 36.1 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.27 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

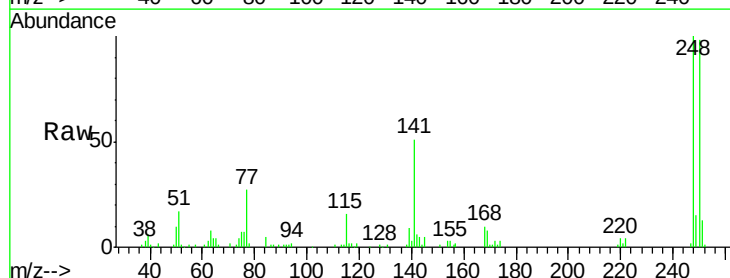
Tgt Ion:248 Resp: 68567

Ion Ratio Lower Upper

248 100

250 98.1 76.4 114.6

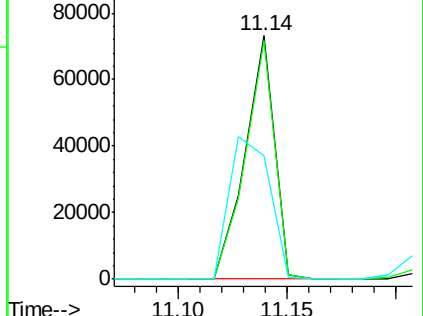
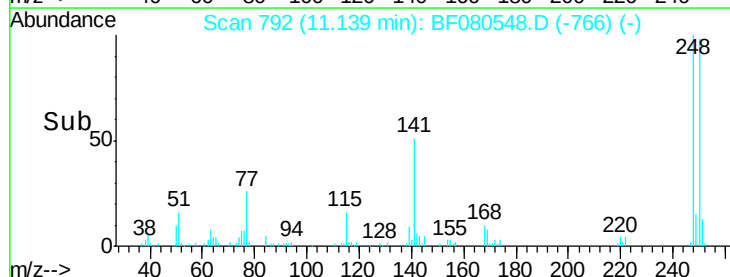
141 50.8 36.0 54.0

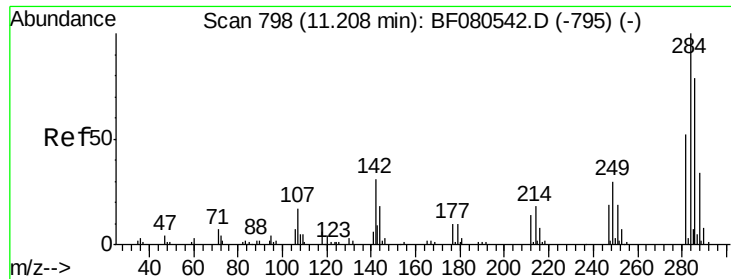


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

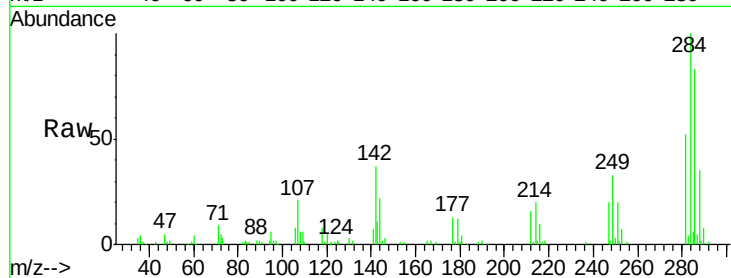




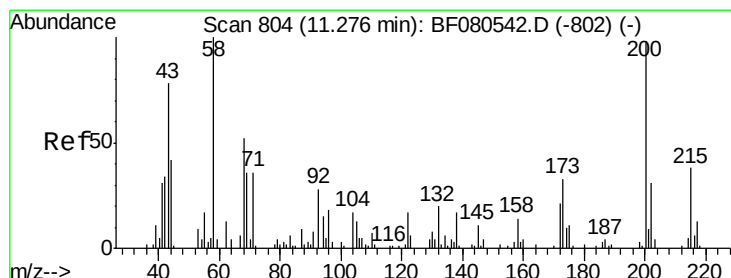
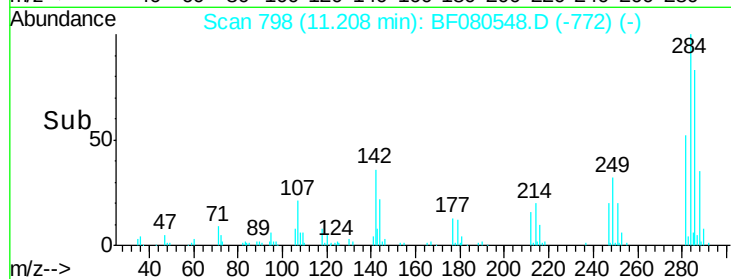
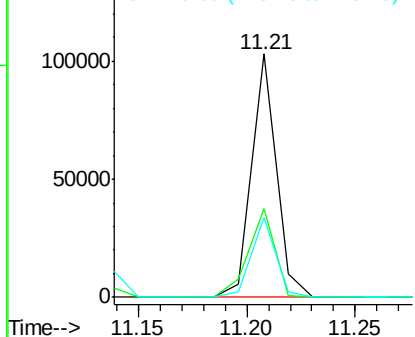
#67
Hexachlorobenzene
Concen: 41.31 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:284 Resp: 81259
Ion Ratio Lower Upper
284 100
142 36.6 24.8 37.2
249 32.5 24.2 36.2

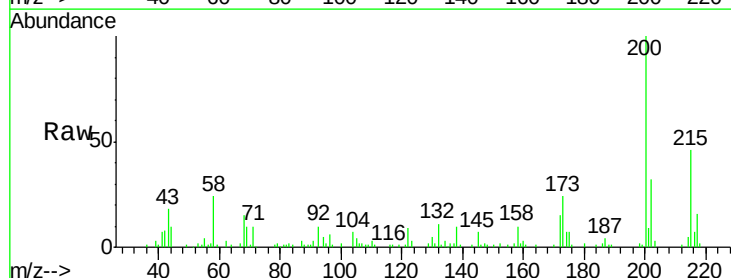


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

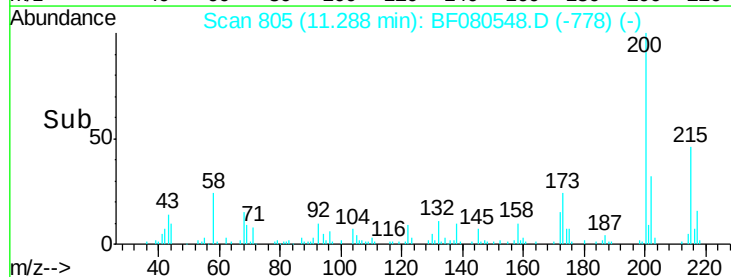
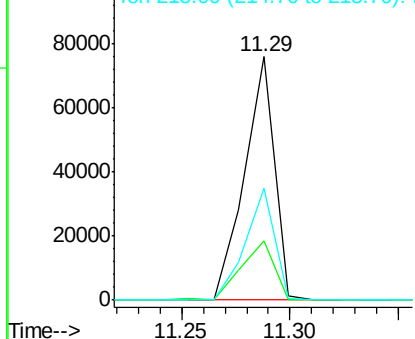


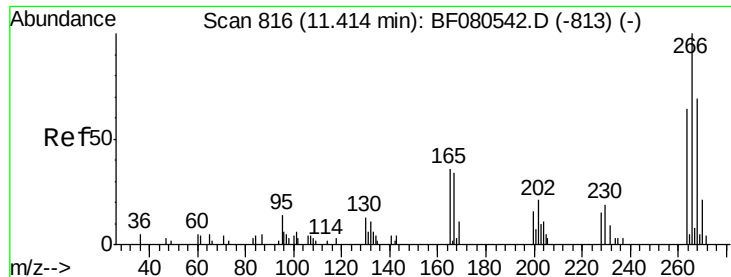
#68
Atrazine
Concen: 52.24 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:200 Resp: 72080
Ion Ratio Lower Upper
200 100
173 24.3 13.2 53.2
215 46.2 18.7 58.7



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

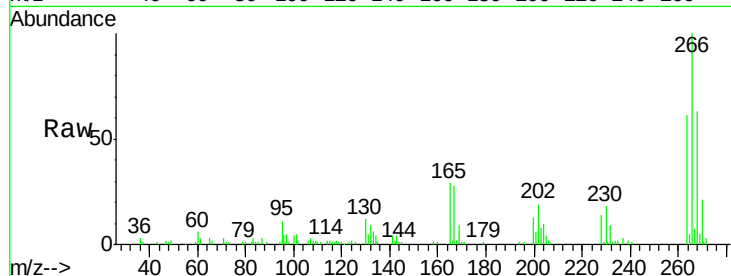




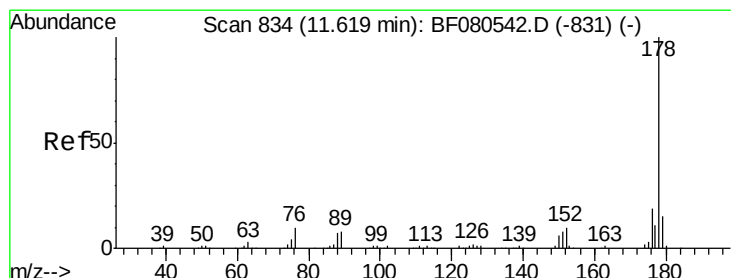
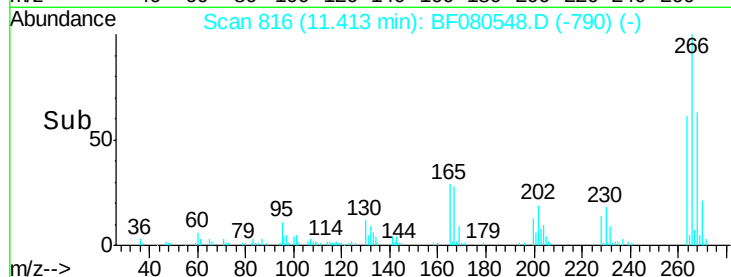
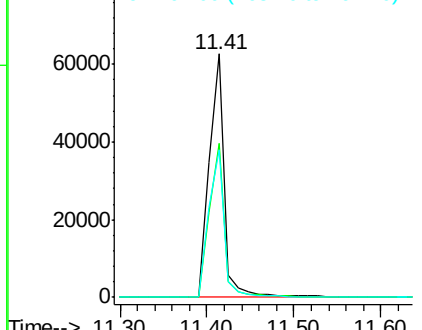
#69
 Pentachlorophenol
 Concen: 74.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:266 Resp: 76321
 Ion Ratio Lower Upper
 266 100
 268 63.2 55.0 82.6
 264 60.6 51.4 77.0

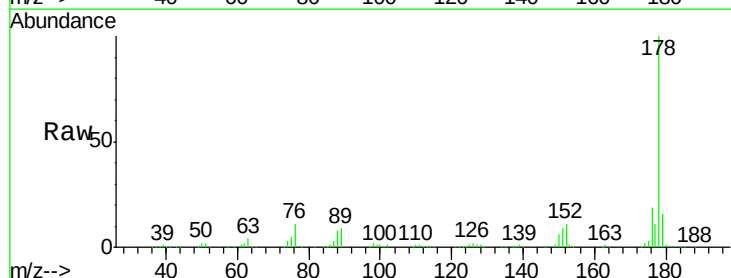


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

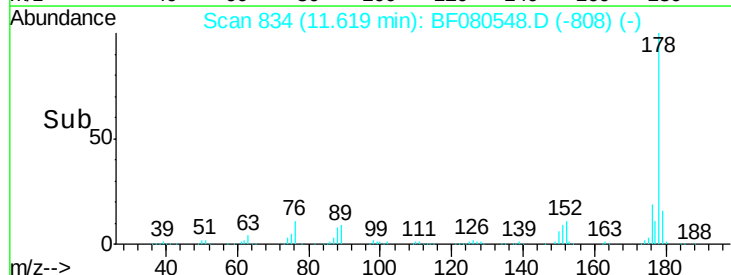
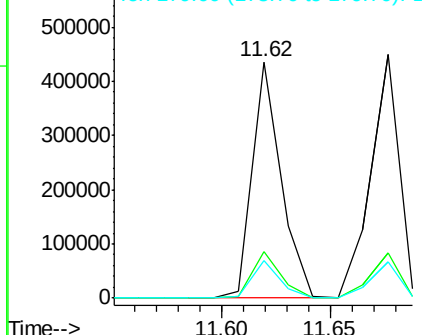


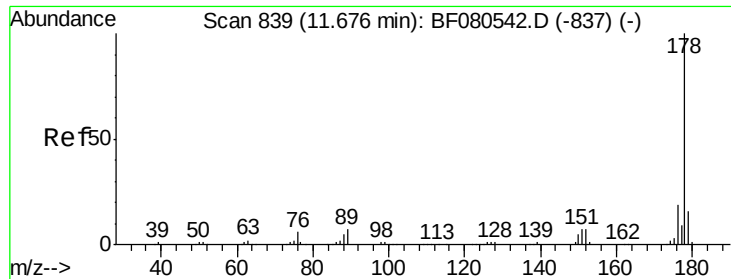
#70
 Phenanthrene
 Concen: 41.50 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:178 Resp: 400114
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 15.8 12.0 18.0



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

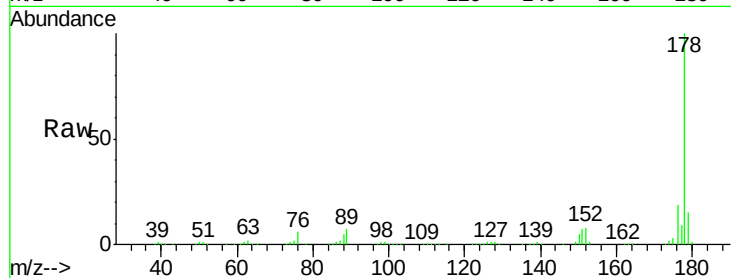




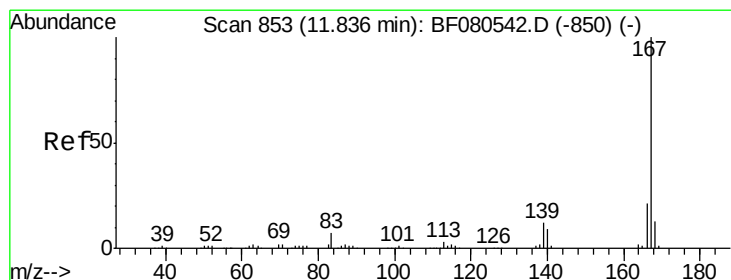
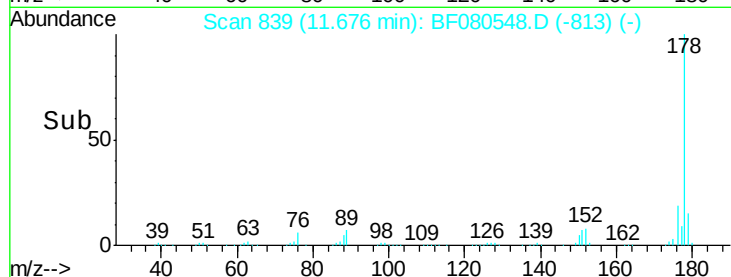
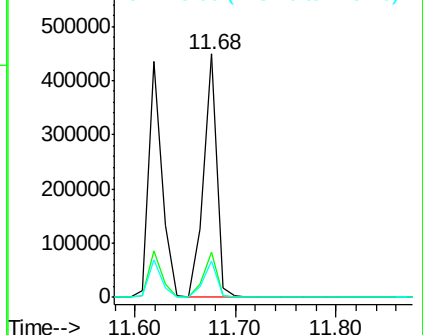
#71
 Anthracene
 Concen: 44.10 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:178 Resp: 413002
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.4 18.6

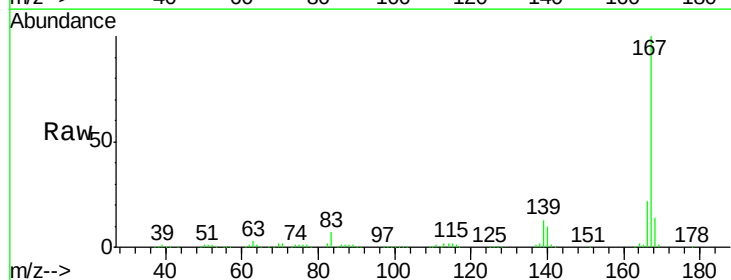


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

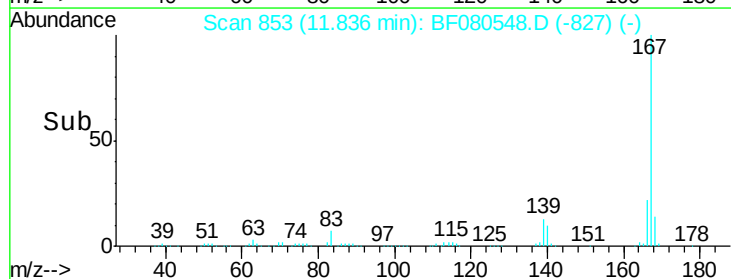
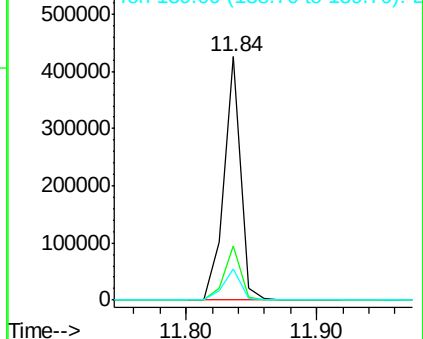


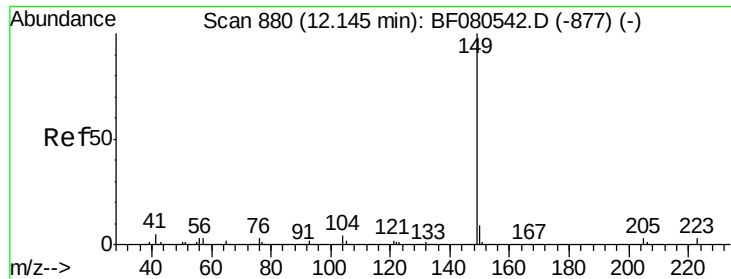
#72
 Carbazole
 Concen: 45.24 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:167 Resp: 379523
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 12.9 9.8 14.8



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: 47.40 ng

RT: 12.14 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

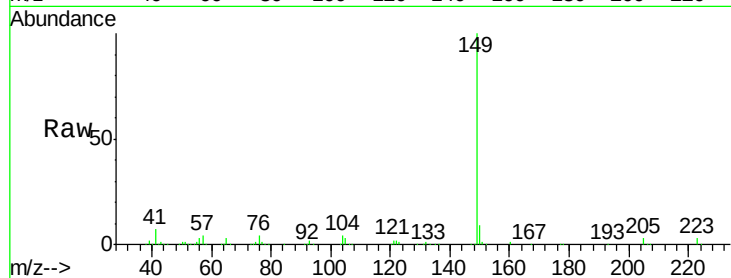
Tot Ion:149 Resp: 428497

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

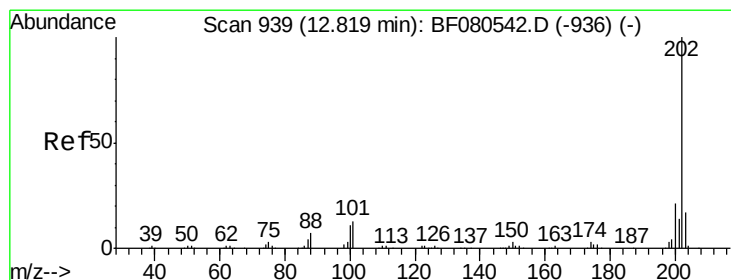
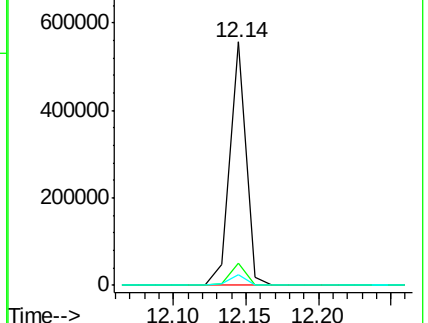
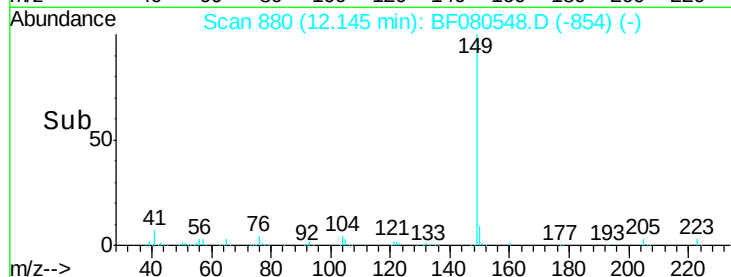
104 4.2 3.1 4.7



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: 46.19 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

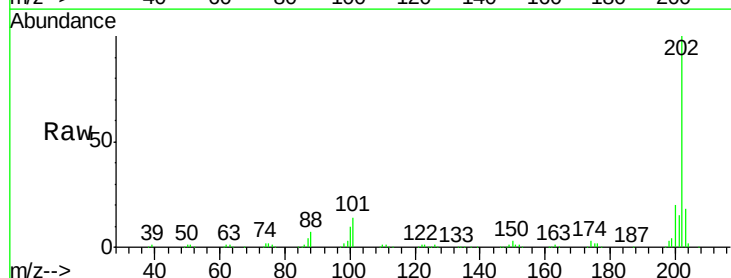
Tgt Ion:202 Resp: 416322

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.9

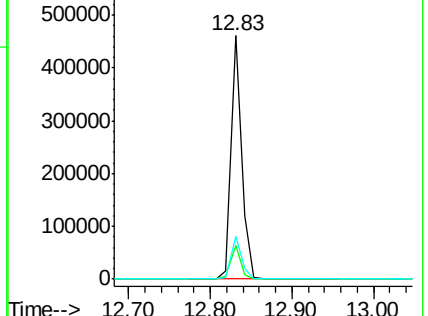
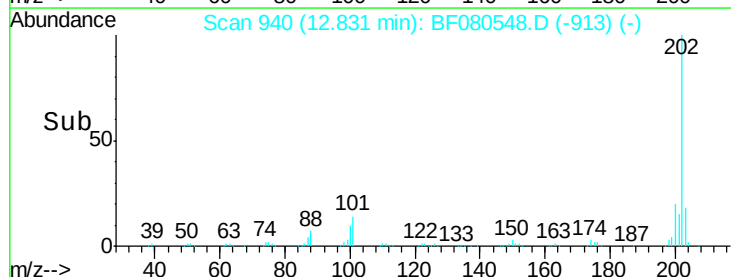
203 17.6 0.0 37.3

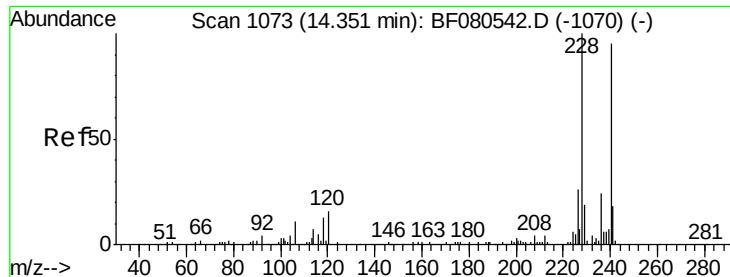


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.42 min Scan# 1079

Delta R.T. 0.07 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

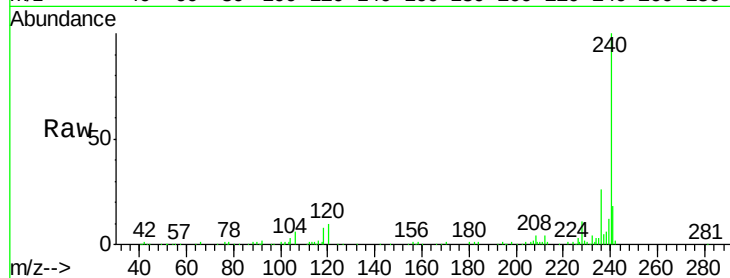
Tot Ion:240 Resp: 170602

Ion Ratio Lower Upper

240 100

120 9.7 13.6 20.4#

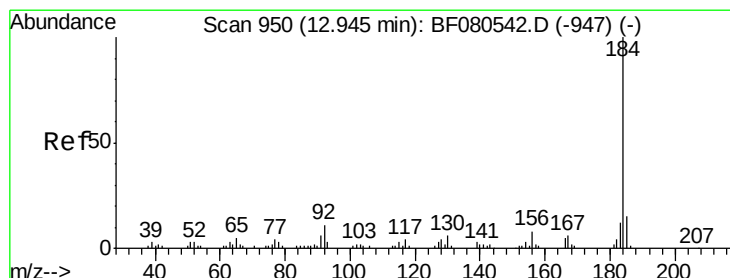
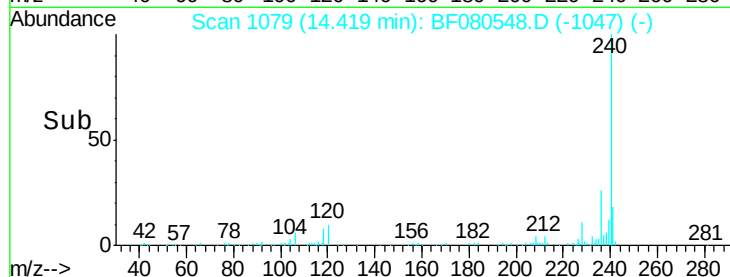
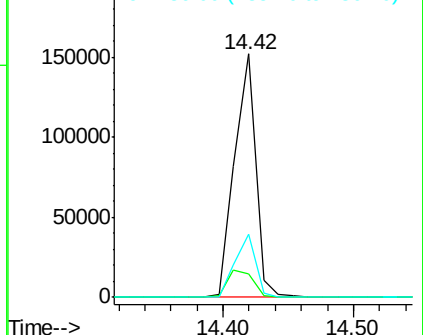
236 26.0 20.2 30.4



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: 21.81 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

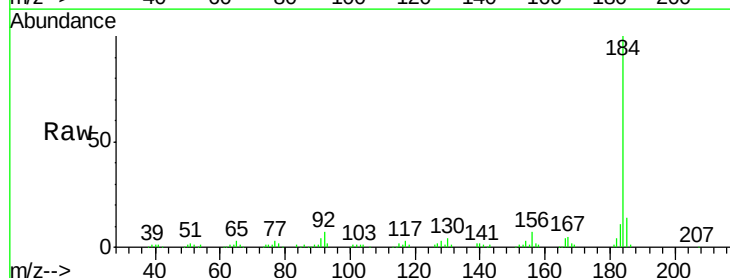
Tgt Ion:184 Resp: 99573

Ion Ratio Lower Upper

184 100

185 13.8 11.9 17.9

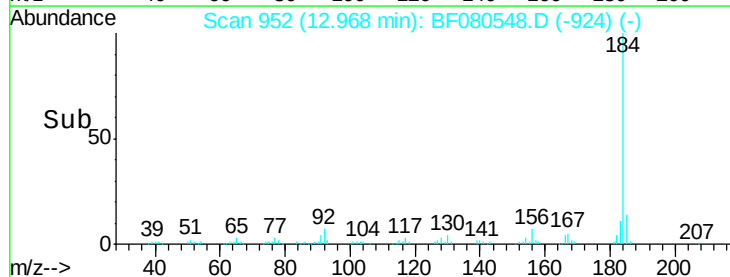
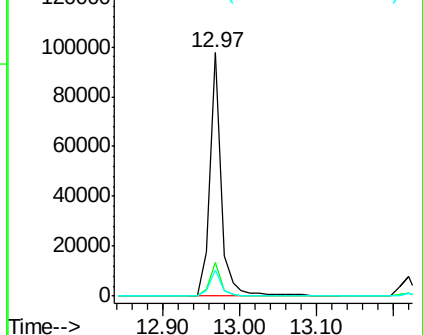
183 10.9 9.3 13.9

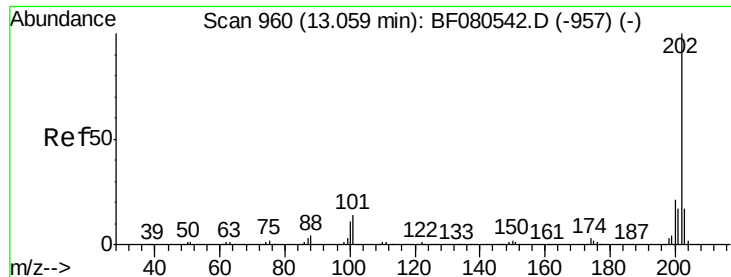


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

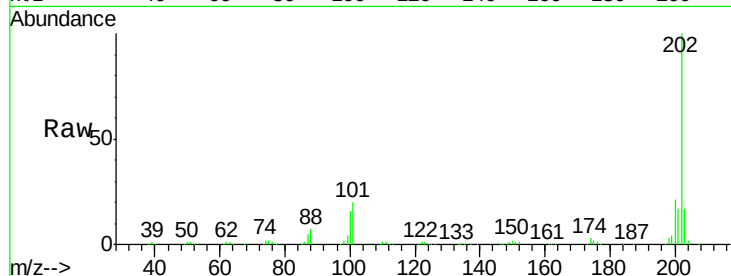




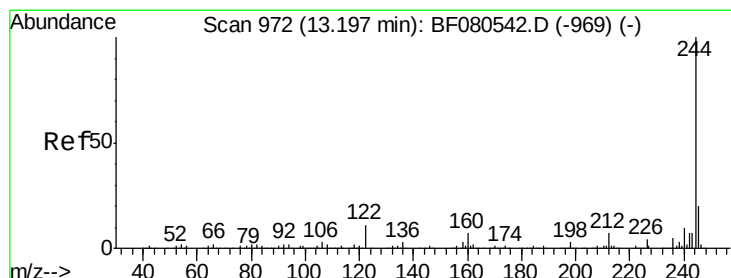
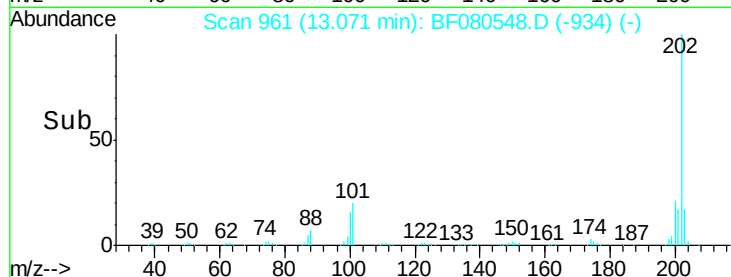
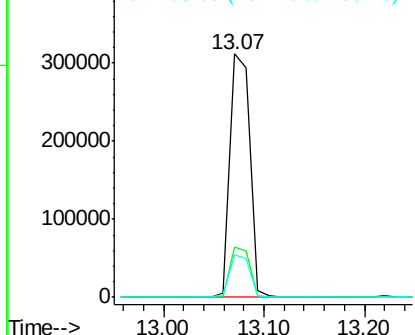
#77
Pvrene
Concen: 38.99 ng
RT: 13.07 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

Tot Ion:202 Resp: 429276
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.5 14.0 21.0

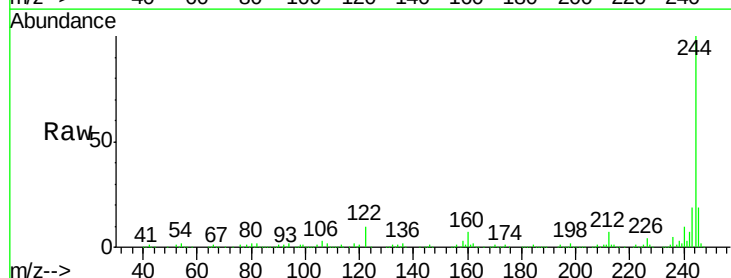


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

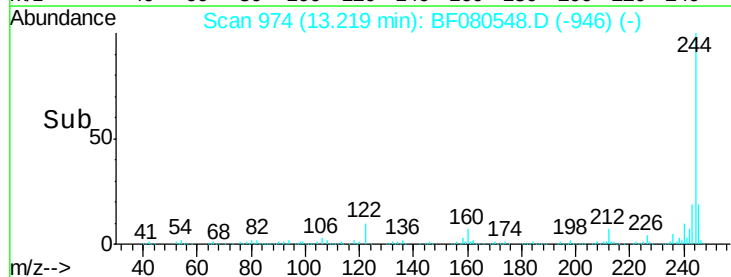
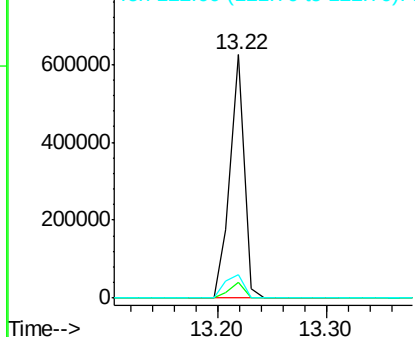


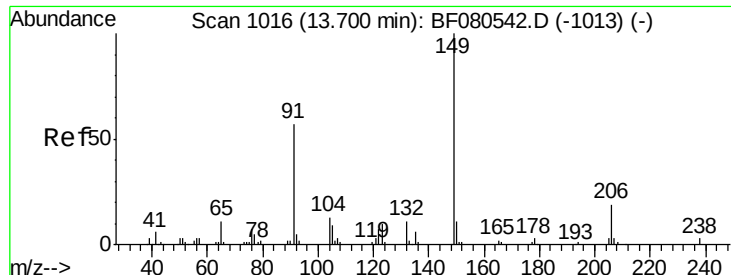
#78
Terphenyl-d14
Concen: 74.39 ng
RT: 13.22 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:244 Resp: 568327
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 9.8 9.0 13.4



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

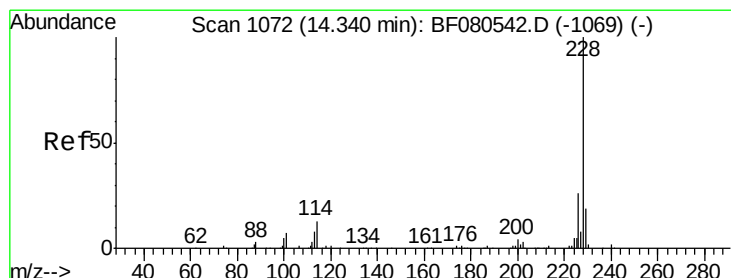
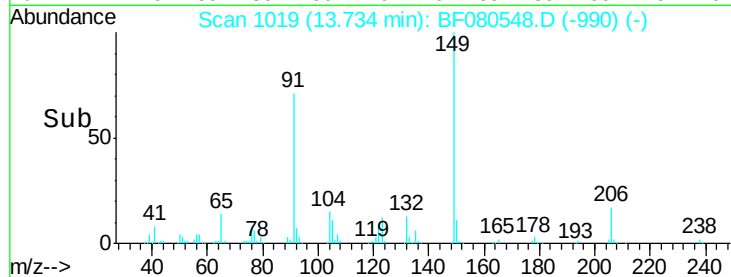
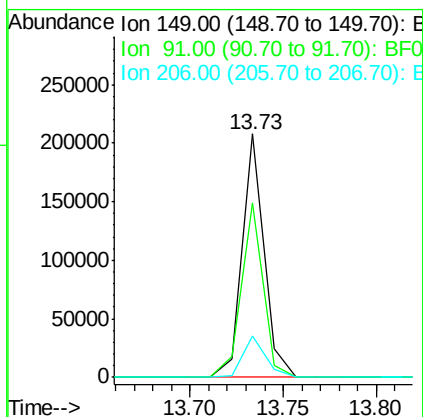
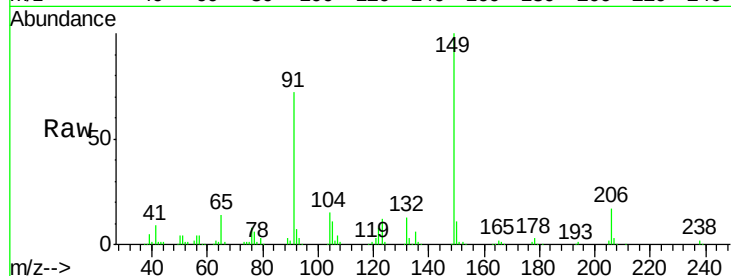




#79
 Butylbenzylphthalate
 Concen: 45.97 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. 0.03 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

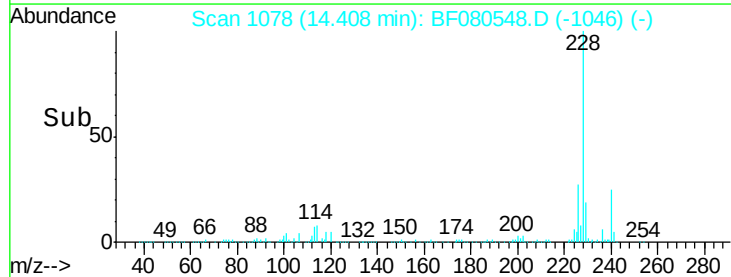
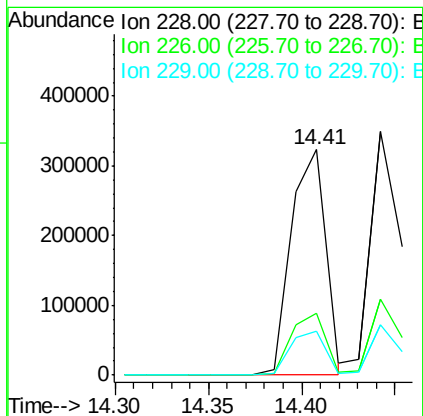
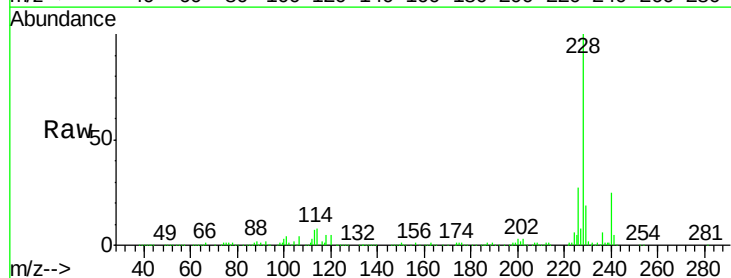
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

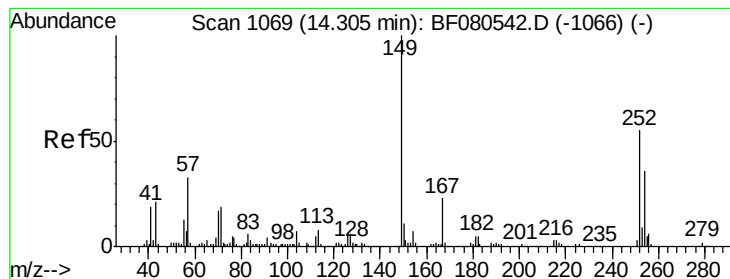
Tot Ion:	149	Resp:	170195
Ion Ratio	Lower	Upper	
149	100		
91	71.5	45.6	68.4#
206	17.1	15.1	22.7



#80
 Benzo(a)anthracene
 Concen: 44.18 ng
 RT: 14.41 min Scan# 1078
 Delta R.T. 0.07 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:	228	Resp:	419520
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.4	32.2
229	19.3	15.5	23.3





#81

3,3'-Dichlorobenzidine

Concen: 23.79 ng

RT: 14.36 min Scan# 1074

Delta R.T. 0.06 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

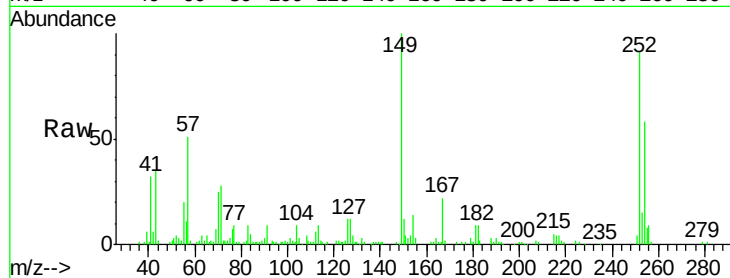
Tot Ion:252 Resp: 71353

Ion Ratio Lower Upper

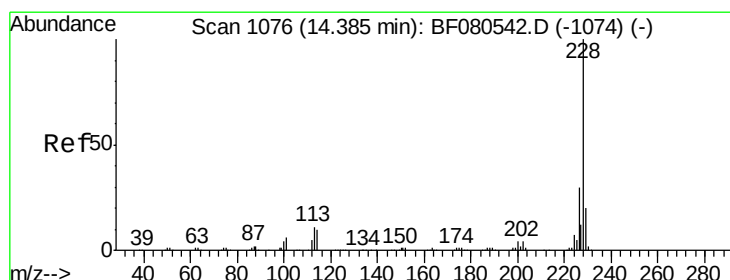
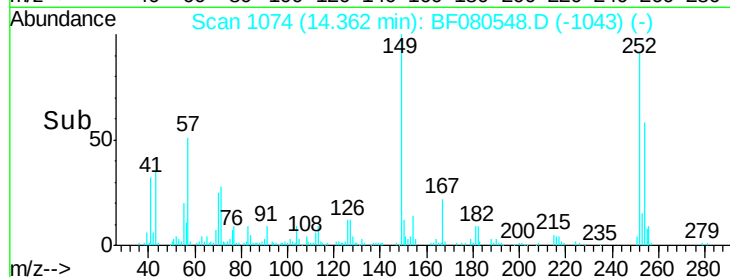
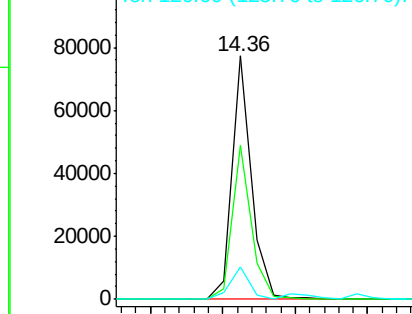
252 100

254 63.4 51.6 77.4

126 13.4 8.9 13.3#



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: 41.41 ng

RT: 14.44 min Scan# 1081

Delta R.T. 0.06 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

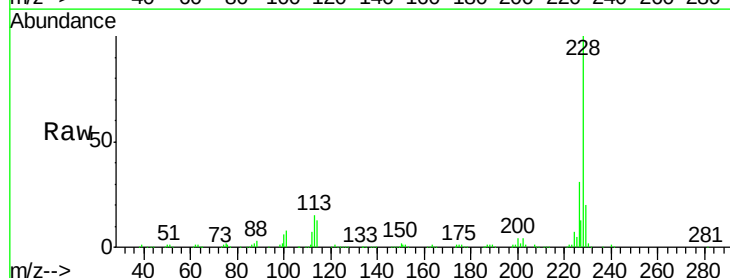
Tgt Ion:228 Resp: 394035

Ion Ratio Lower Upper

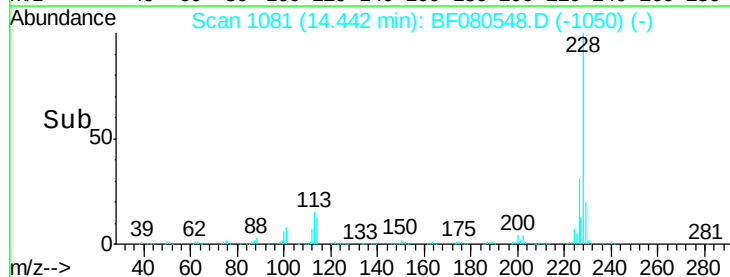
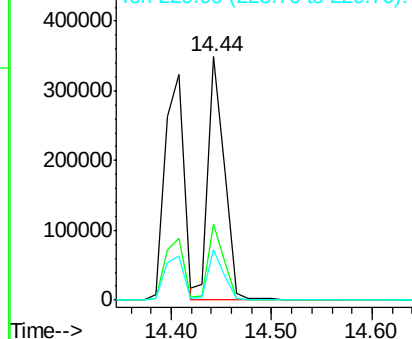
228 100

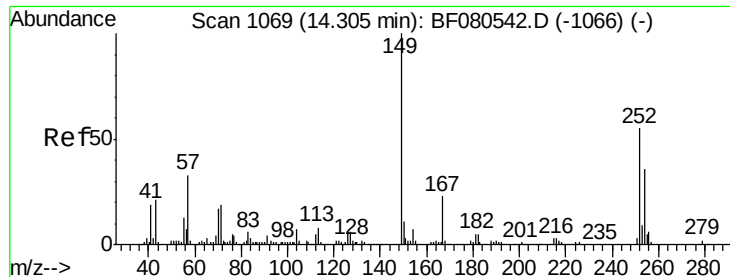
226 31.1 24.1 36.1

229 20.4 15.8 23.6



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

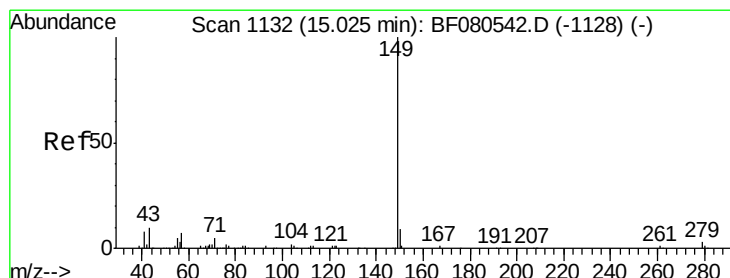
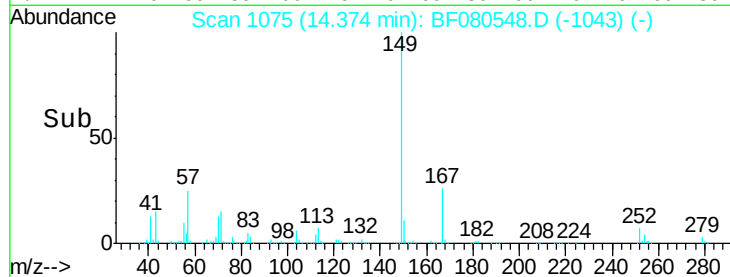
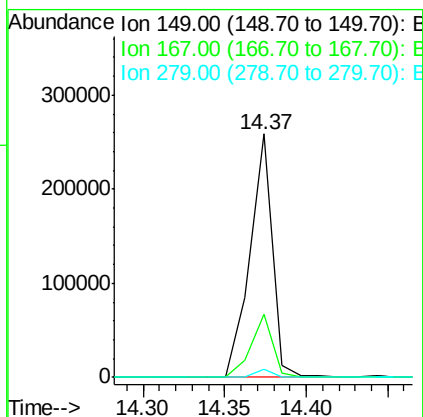
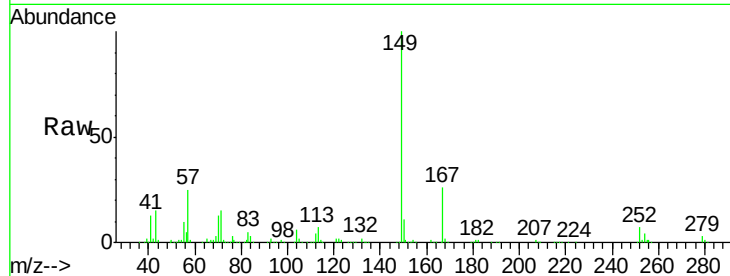




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.92 ng
 RT: 14.37 min Scan# 1075
 Delta R.T. 0.07 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

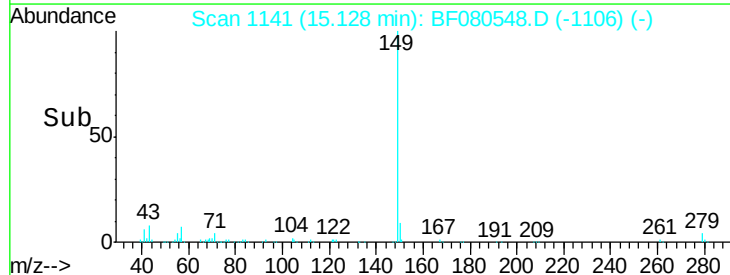
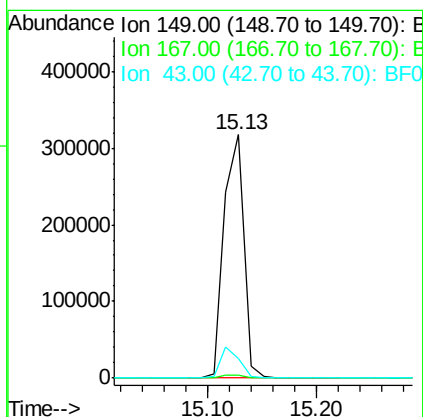
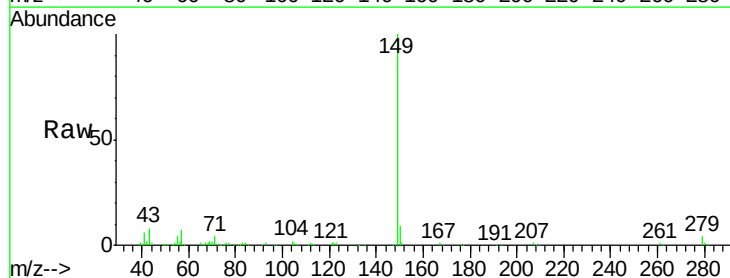
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

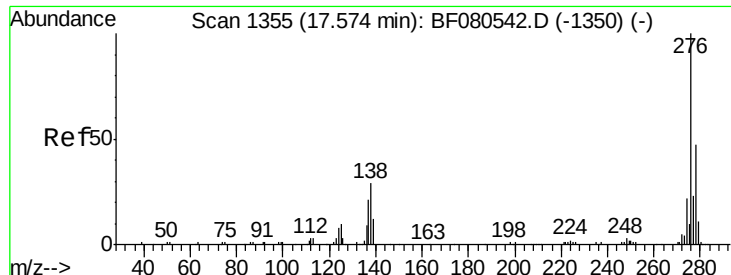
Tot Ion:149 Resp: 247244
 Ion Ratio Lower Upper
 149 100
 167 25.7 18.6 27.8
 279 3.4 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 48.11 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. 0.10 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:149 Resp: 402216
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 12.2 10.0 15.0

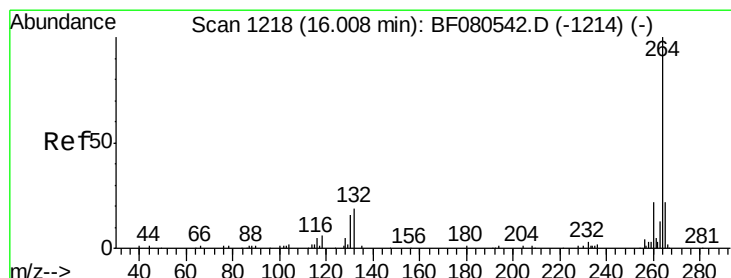
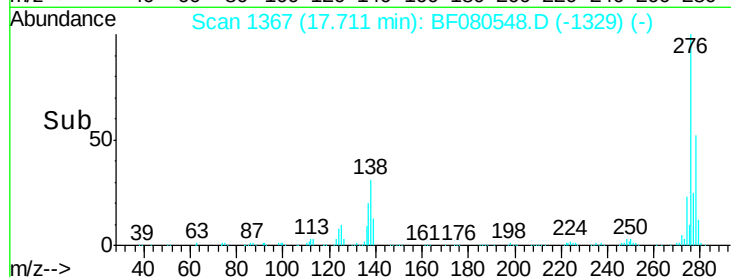
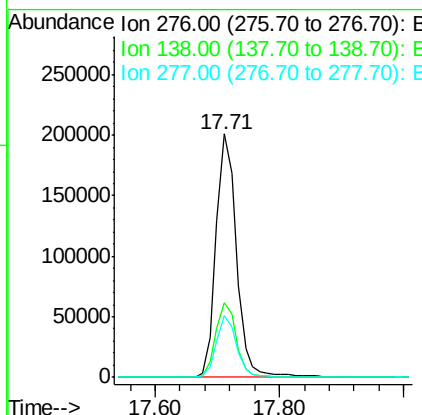
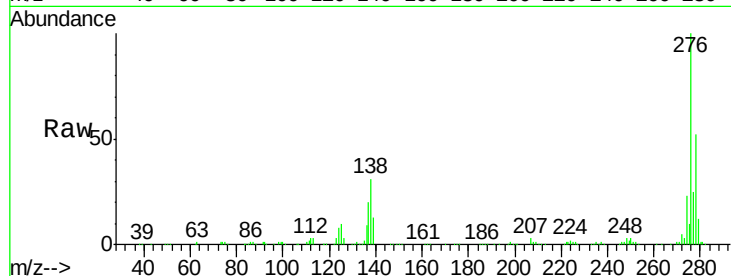




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.56 ng
 RT: 17.71 min Scan# 1367
 Delta R.T. 0.14 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

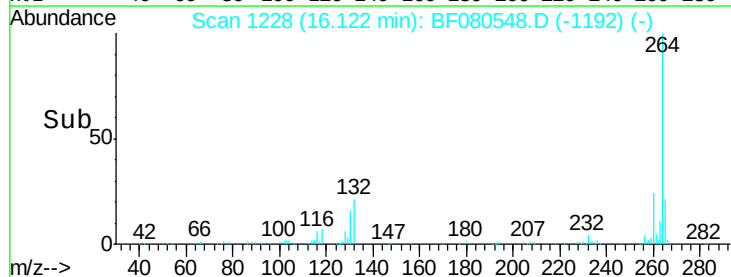
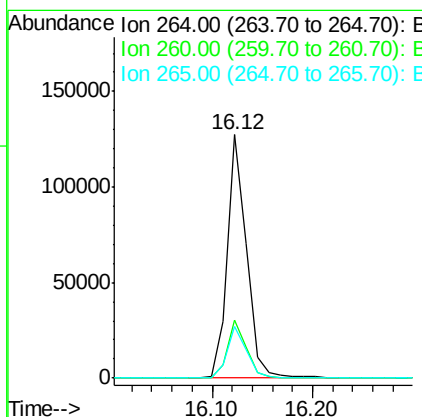
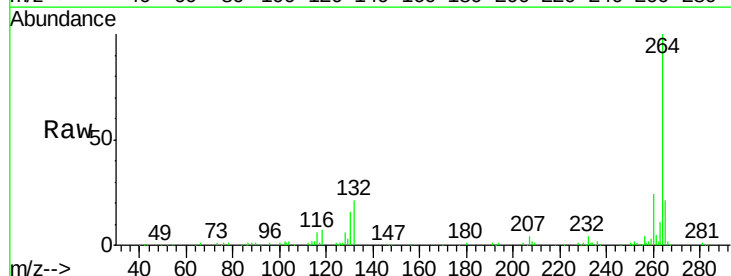
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-I5-I6-I7-I8MSD

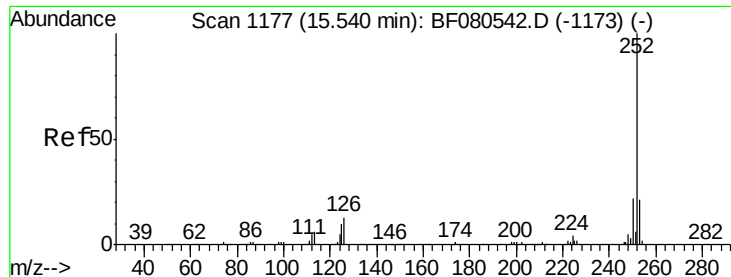
Tot Ion:276 Resp: 456414
 Ion Ratio Lower Upper
 276 100
 138 30.9 23.9 35.9
 277 24.9 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 1228
 Delta R.T. 0.11 min
 Lab File: BF080548.D
 Acq: 17 Jul 2015 22:22

Tgt Ion:264 Resp: 169046
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.8 26.8
 265 21.3 17.2 25.8

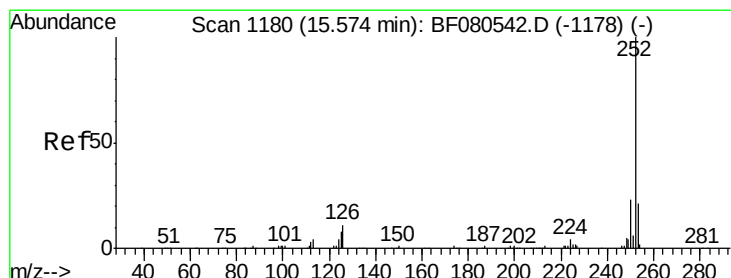
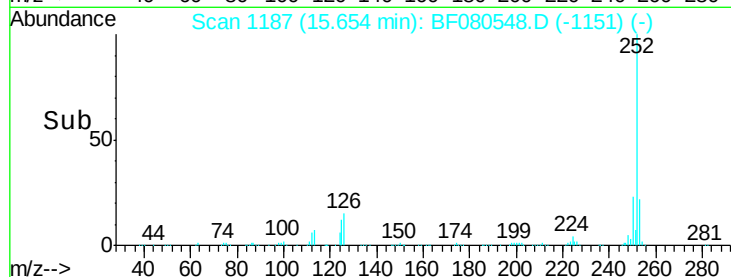
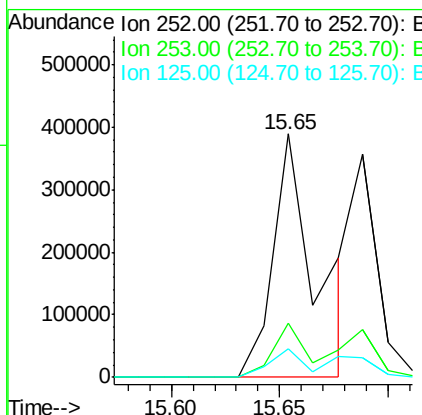
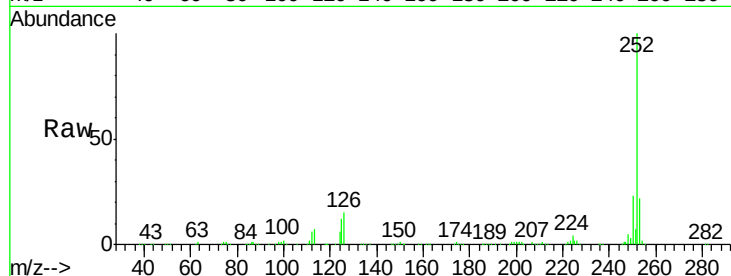




#87
Benzo(b)fluoranthene
Concen: 50.99 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.11 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

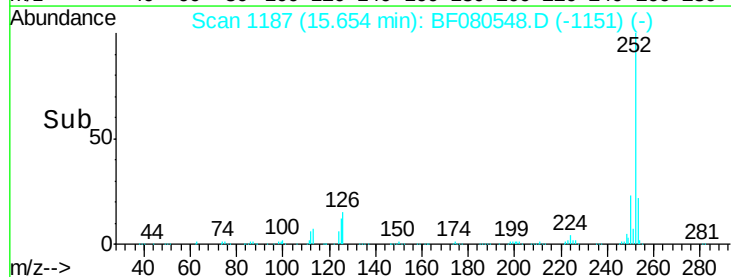
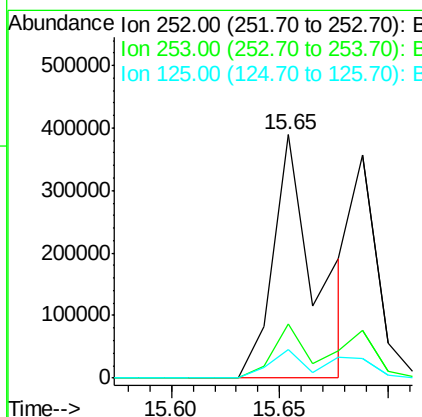
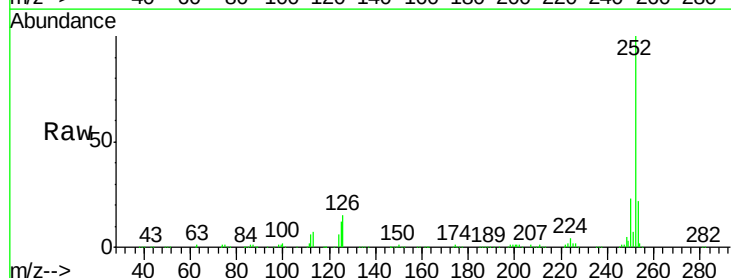
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

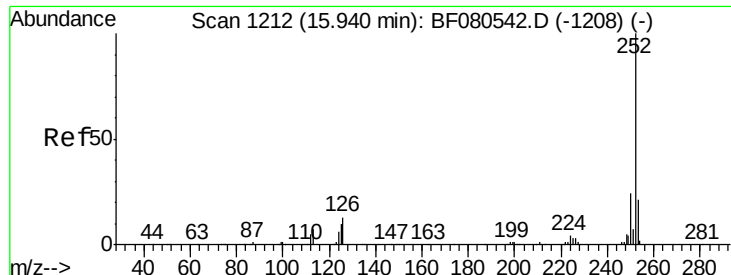
Tot Ion:252 Resp: 534280
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 11.7 8.1 12.1



#88
Benzo(k)fluoranthene
Concen: 58.89 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.11 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:252 Resp: 534280
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 11.7 8.1 12.1

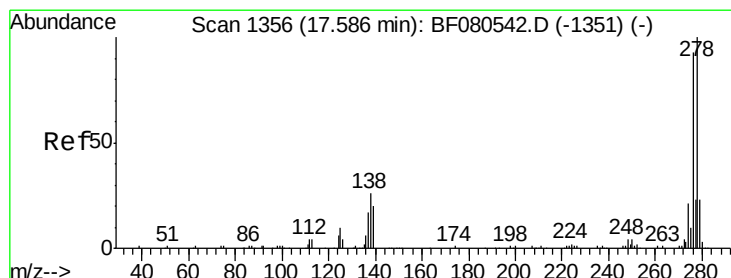
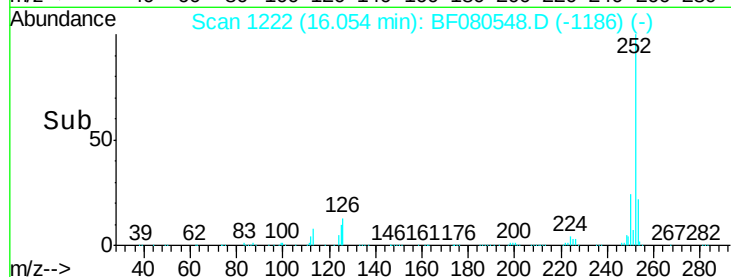
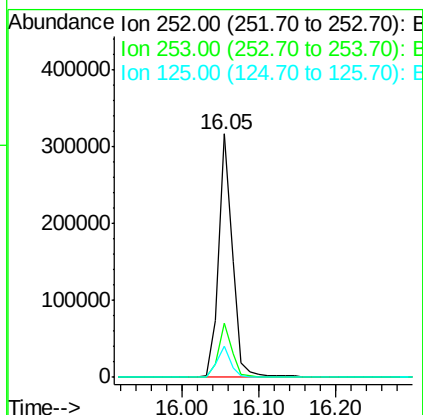
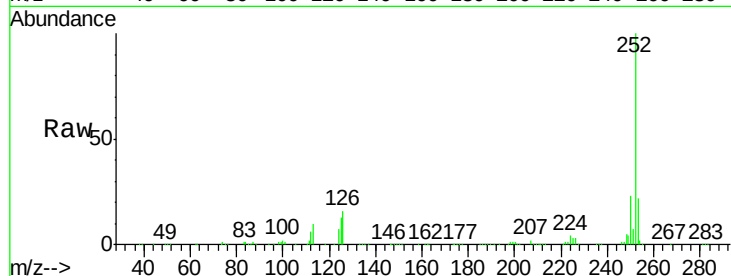




#89
Benzo(a)pyrene
Concen: 45.10 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.11 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

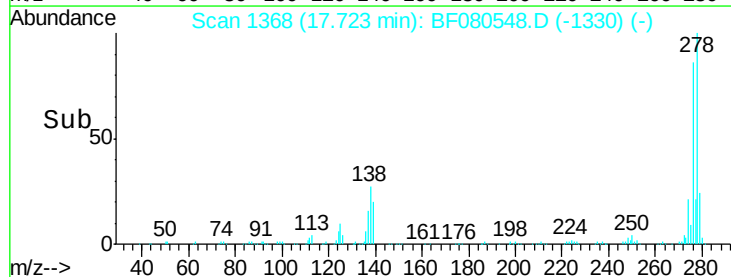
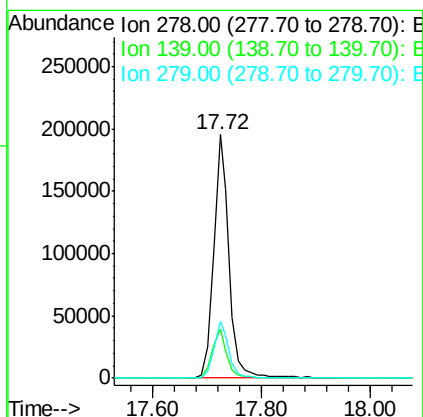
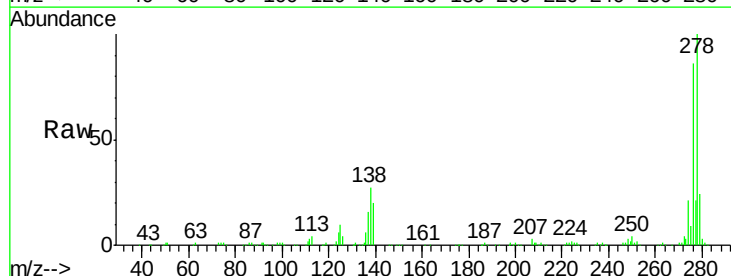
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-I5-I6-I7-I8MSD

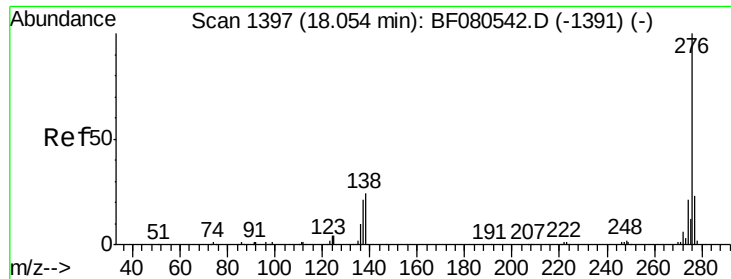
Tot Ion:252 Resp: 402695
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.0 8.1 12.1#



#90
Dibenzo(a,h)anthracene
Concen: 44.18 ng
RT: 17.72 min Scan# 1368
Delta R.T. 0.14 min
Lab File: BF080548.D
Acq: 17 Jul 2015 22:22

Tgt Ion:278 Resp: 388428
Ion Ratio Lower Upper
278 100
139 20.1 16.2 24.2
279 23.5 18.6 27.8





#91

Benzo(a,h,i)perylene

Concen: 45.69 ng

RT: 18.19 min Scan# 1409

Delta R.T. 0.14 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

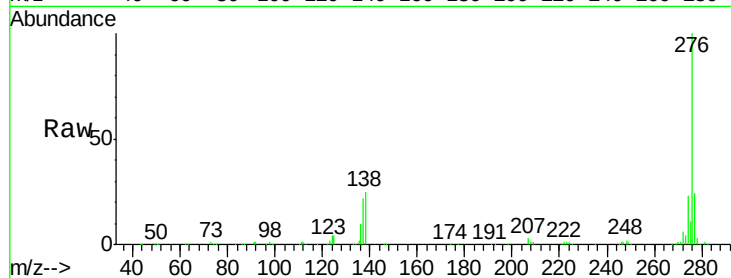
Tot Ion:276 Resp: 405500

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.3 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

