

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080583.D
 Acq On : 23 Jul 2015 5:27
 Operator : TP/UM
 Sample : G3045-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Quant Time: Jul 23 06:53:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45105	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	170844	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	75949	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	124972	20.00	ng	0.00
75) Chrysene-d12	14.26	240	84679	20.00	ng	-0.06
86) Perylene-d12	15.91	264	63328	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	131989	51.89	ng	0.00
7) Phenol-d6	6.57	99	101825	32.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	247015	93.13	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	75322	132.52	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	395125	74.81	ng	0.00
78) Terphenyl-d14	13.11	244	332062	80.41	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	15773	11.93	ng	# 100
3) Pyridine	3.32	79	32236	10.50	ng	99
4) n-Nitrosodimethylamine	3.21	42	27675	14.27	ng	93
6) Aniline	6.61	93	78260	16.67	ng	97
8) 2-Chlorophenol	6.74	128	85358	32.05	ng	98
9) Benzaldehyde	6.50	77	36279	15.39	ng	89
10) Phenol	6.58	94	44620	11.98	ng	96
11) bis(2-Chloroethyl)ether	6.68	93	111599	41.71	ng	94
12) 1,3-Dichlorobenzene	6.90	146	103154	29.94	ng	98
13) 1,4-Dichlorobenzene	6.98	146	96116	29.28	ng	97
14) 1,2-Dichlorobenzene	7.13	146	103798	32.79	ng	99
15) Benzyl Alcohol	7.09	79	70978	27.37	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	217424	38.80	ng	98
17) 2-Methylphenol	7.20	107	58225	25.63	ng	95
18) Hexachloroethane	7.48	117	31432	27.16	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	85443	42.47	ng	96
20) 3+4-Methylphenols	7.36	107	71322	24.89	ng	# 76
22) Acetophenone	7.37	105	163384	40.05	ng	98
24) Nitrobenzene	7.54	77	130874	41.00	ng	99
25) Isophorone	7.78	82	232826	41.56	ng	98
26) 2-Nitrophenol	7.86	139	43660	53.25	ng	97
27) 2,4-Dimethylphenol	7.89	122	87861	37.04	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	127712	42.50	ng	99
29) 2,4-Dichlorophenol	8.10	162	80402	42.41	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	88285	33.31	ng	97
31) Naphthalene	8.27	128	303592	35.79	ng	99
32) Benzoic acid	7.93	122	9826	20.03	ng	97
33) 4-Chloroaniline	8.32	127	74872	22.93	ng	96
34) Hexachlorobutadiene	8.40	225	45842	29.61	ng	96
35) Caprolactam	8.65	113	3359	6.28	ng	# 69
36) 4-Chloro-3-methylphenol	8.78	107	85049	36.28	ng	96
37) 2-Methylnaphthalene	8.96	142	180743	38.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	95709	36.76	ng	98
40) Hexachlorocyclopentadiene	9.12	237	98182	87.52	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080583.D
 Acq On : 23 Jul 2015 5:27
 Operator : TP/UM
 Sample : G3045-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Quant Time: Jul 23 06:53:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

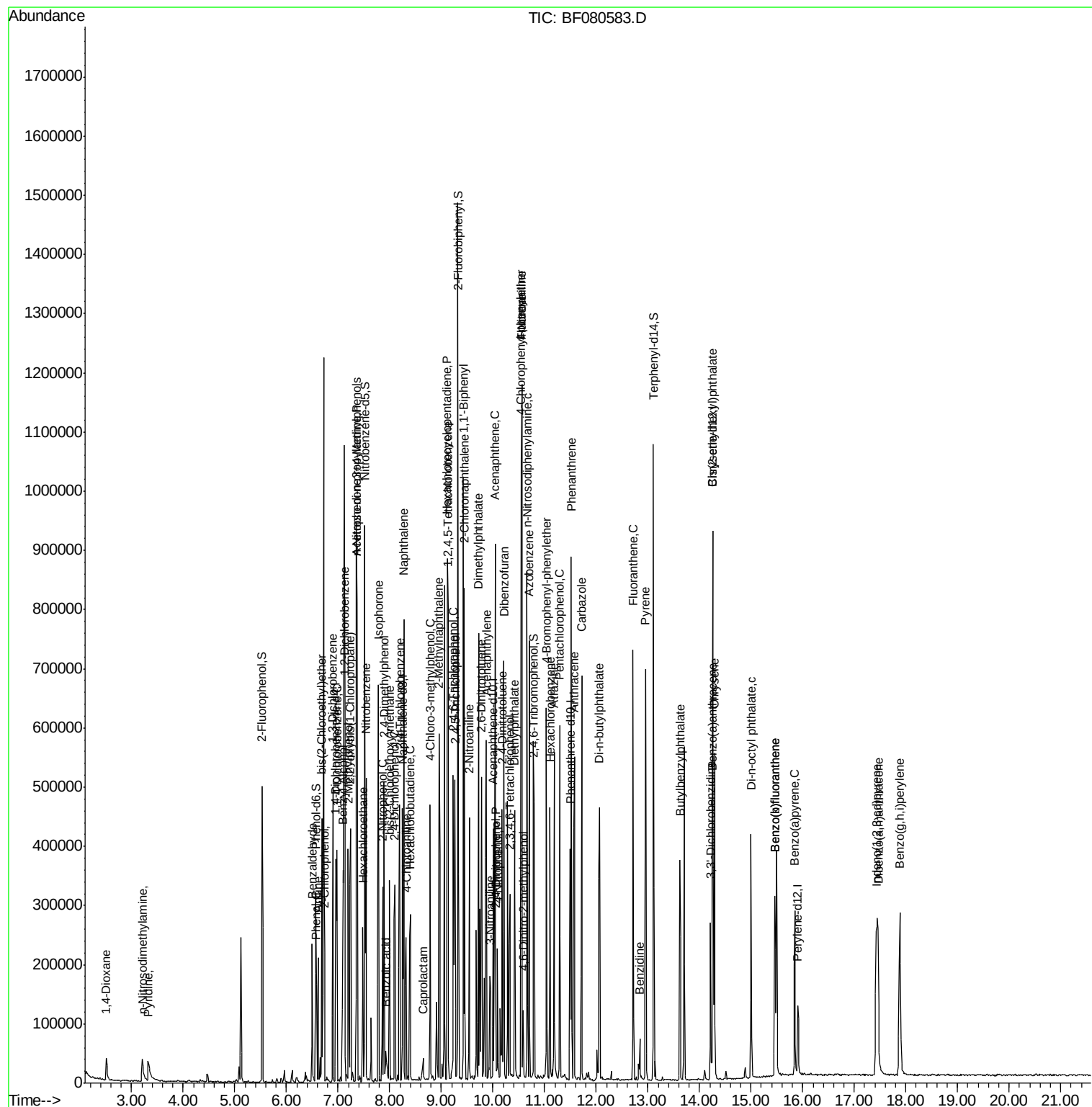
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	55634	43.14	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	60802	45.12	ng	95
45) 1,1'-Biphenyl	9.42	154	257586	40.46	ng	98
46) 2-Chloronaphthalene	9.45	162	193099	38.40	ng	99
47) 2-Nitroaniline	9.54	65	62420	51.52	ng	99
48) Acenaphthylene	9.87	152	303662	41.15	ng	98
49) Dimethylphthalate	9.72	163	251884	47.23	ng	99
50) 2,6-Dinitrotoluene	9.78	165	43849	48.97	ng	94
51) Acenaphthene	10.04	154	193216	44.57	ng	99
52) 3-Nitroaniline	9.95	138	27944	33.91	ng	# 96
53) 2,4-Dinitrophenol	10.05	184	24567	103.38	ng	# 73
54) Dibenzofuran	10.21	168	274625	43.12	ng	97
55) 4-Nitrophenol	10.09	139	21270	32.82	ng	92
56) 2,4-Dinitrotoluene	10.18	165	53288	51.85	ng	# 96
57) Fluorene	10.56	166	211959	41.65	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.33	232	45834	42.02	ng	98
59) Diethylphthalate	10.42	149	210199	42.71	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	93297	42.51	ng	97
61) 4-Nitroaniline	10.56	138	36614	38.31	ng	92
62) Azobenzene	10.70	77	234927	43.34	ng	100
64) 4,6-Dinitro-2-methylphenol	10.59	198	16721	62.07	ng	88
65) n-Nitrosodiphenylamine	10.66	169	174128	42.26	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	55548	46.18	ng	99
67) Hexachlorobenzene	11.10	284	61665	45.14	ng	99
68) Atrazine	11.18	200	49752	45.01	ng	98
69) Pentachlorophenol	11.29	266	58746	108.30	ng	94
70) Phenanthrene	11.52	178	286976	40.46	ng	99
71) Anthracene	11.57	178	285398	43.47	ng	99
72) Carbazole	11.72	167	259143	43.58	ng	99
73) Di-n-butylphthalate	12.06	149	298078	42.99	ng	100
74) Fluoranthene	12.72	202	272382	42.44	ng	97
76) Benzidine	12.84	184	24861	9.87	ng	97
77) Pyrene	12.96	202	275657	47.82	ng	99
79) Butylbenzylphthalate	13.62	149	102594	53.83	ng	# 71
80) Benzo(a)anthracene	14.25	228	213576	44.38	ng	98
81) 3,3'-Dichlorobenzidine	14.21	252	53801	37.16	ng	98
82) Chrysene	14.29	228	205682	42.77	ng	100
83) Bis(2-ethylhexyl)phthalate	14.26	149	148705	47.80	ng	# 98
84) Di-n-octyl phthalate	15.00	149	208171	51.52	ng	96
85) Indeno(1,2,3-cd)pyrene	17.43	276	242429	70.95	ng	98
87) Benzo(b)fluoranthene	15.46	252	181476	45.58	ng	# 96
88) Benzo(k)fluoranthene	15.46	252	181476	46.03	ng	100
89) Benzo(a)pyrene	15.85	252	156272	45.29	ng	# 91
90) Dibenzo(a,h)anthracene	17.46	278	196302	66.65	ng	97
91) Benzo(g,h,i)perylene	17.88	276	243103	81.17	ng	95

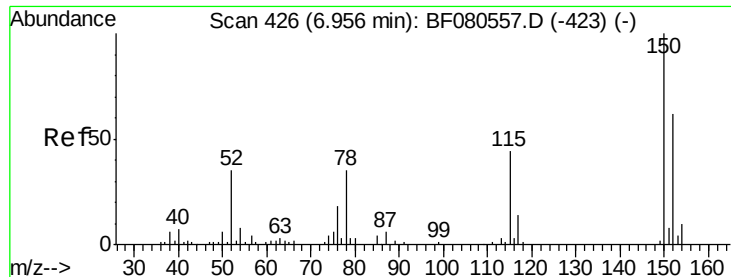
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080583.D
 Acq On : 23 Jul 2015 5:27
 Operator : TP/UM
 Sample : G3045-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Quant Time: Jul 23 06:53:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

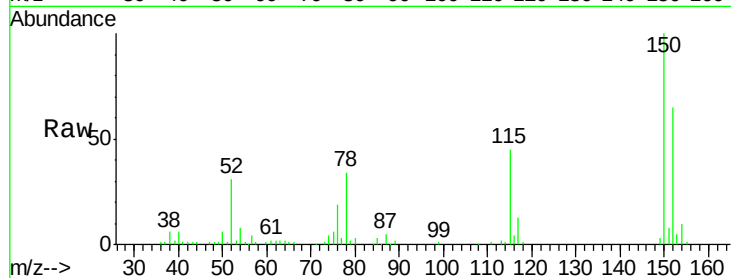
Tgt Ion:152 Resp: 45105

Ion Ratio Lower Upper

152 100

150 153.8 128.7 193.1

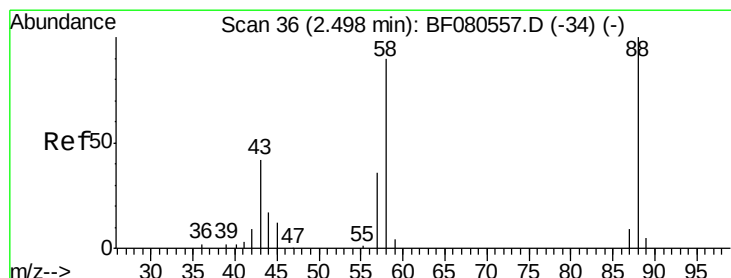
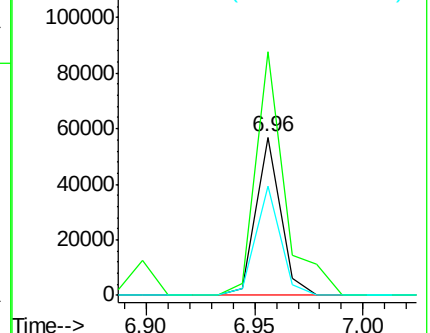
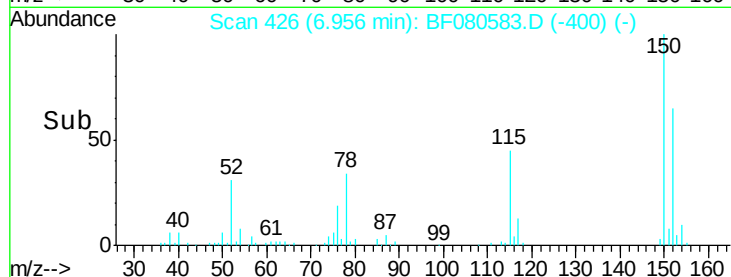
115 69.1 56.8 85.2



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: 11.93 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.01 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

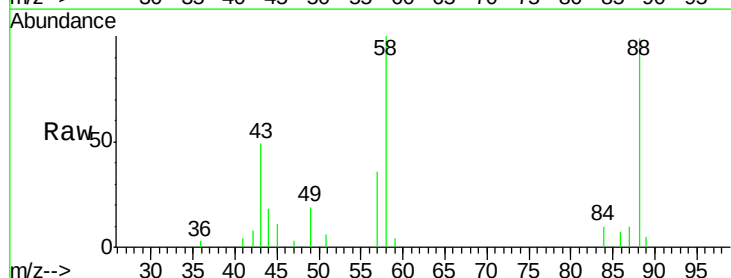
Tgt Ion: 88 Resp: 15773

Ion Ratio Lower Upper

88 100

58 99.2 0.0 0.0#

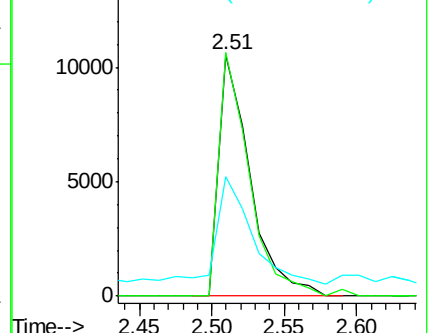
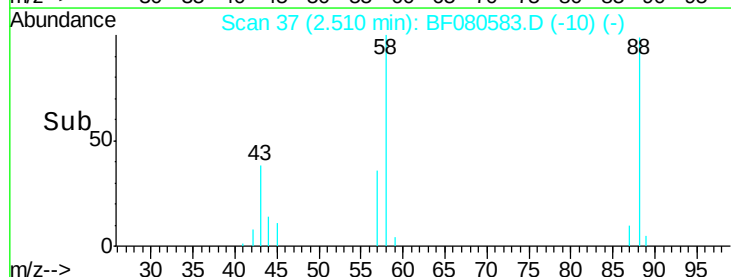
43 52.3 0.0 0.0#

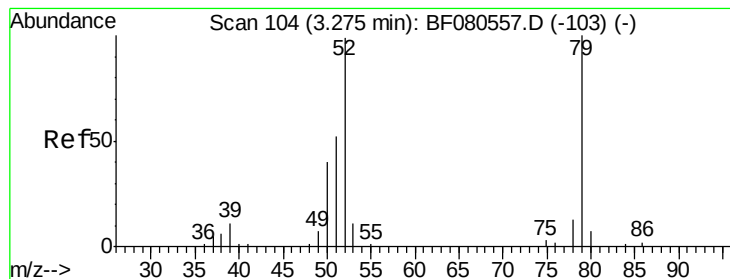


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.50 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.05 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

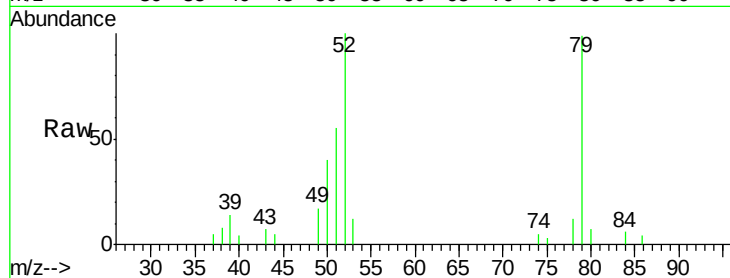
Tgt Ion: 79 Resp: 32236

Ion Ratio Lower Upper

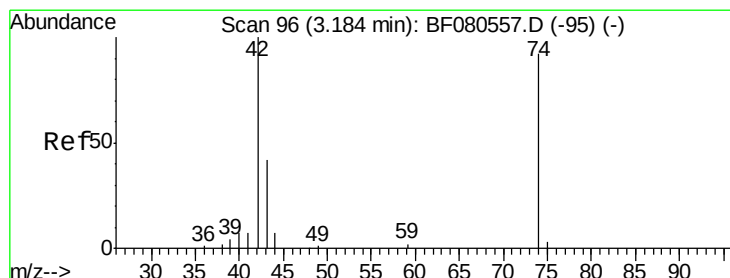
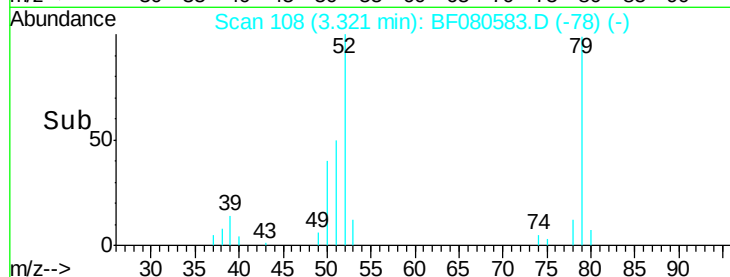
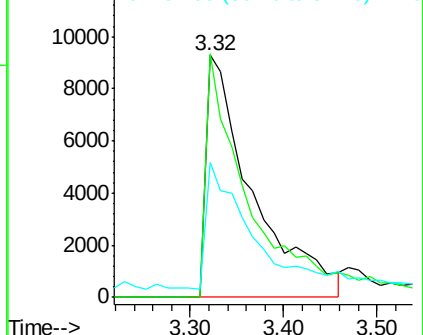
79 100

52 100.5 79.6 119.4

51 55.4 44.5 66.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.27 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

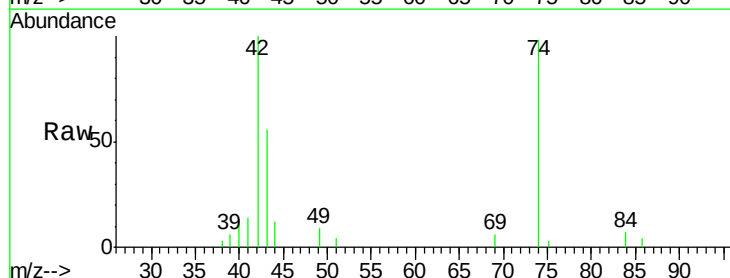
Tgt Ion: 42 Resp: 27675

Ion Ratio Lower Upper

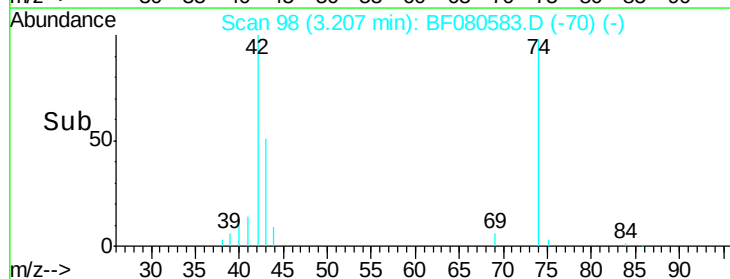
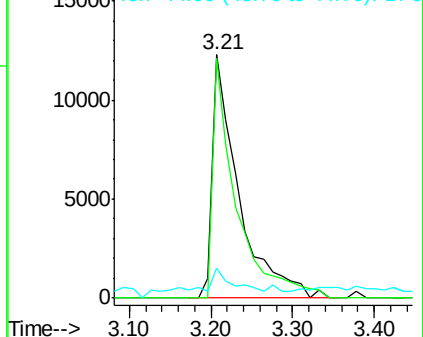
42 100

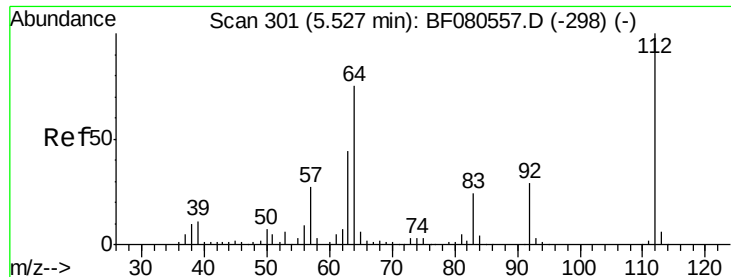
74 98.4 72.6 108.8

44 12.3 10.4 15.6



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 51.89 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

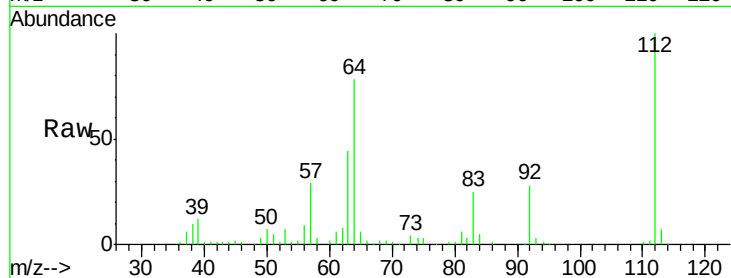
Tgt Ion: 112 Resp: 131989

Ion Ratio Lower Upper

112 100

64 77.8 60.2 90.2

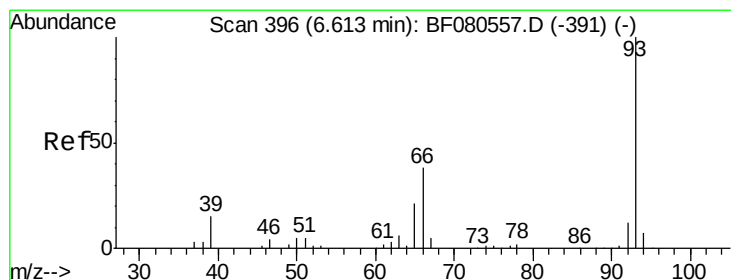
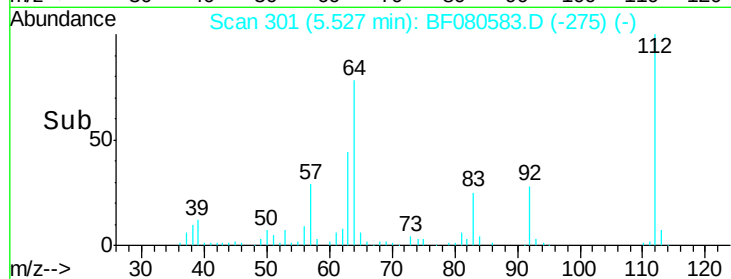
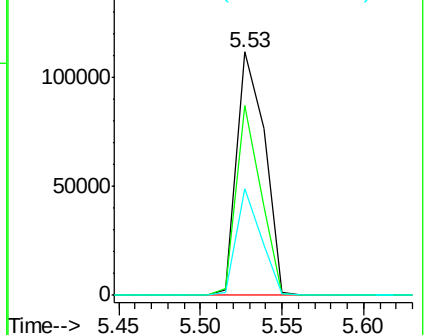
63 43.6 34.8 52.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.67 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

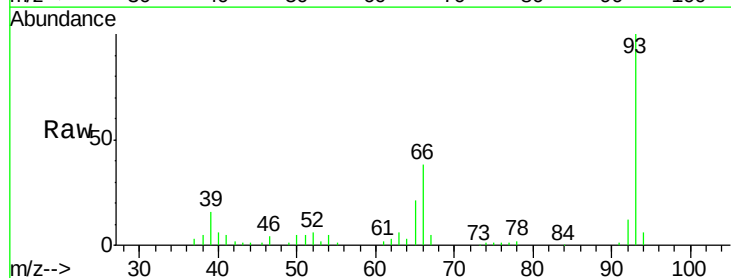
Tgt Ion: 93 Resp: 78260

Ion Ratio Lower Upper

93 100

66 38.4 33.1 49.7

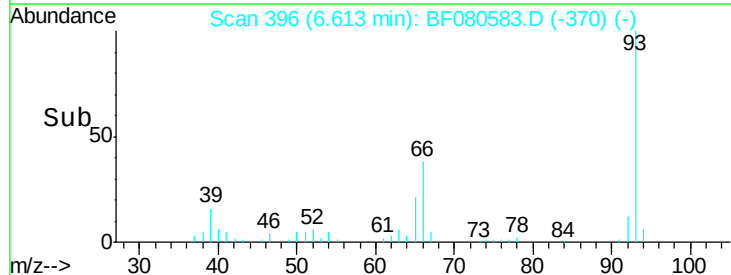
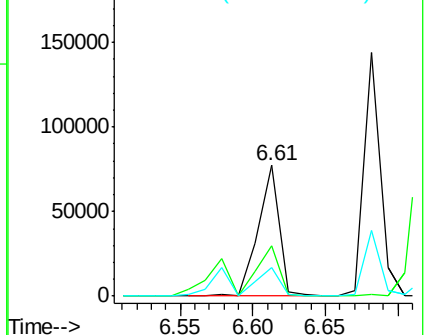
65 21.4 17.2 25.8

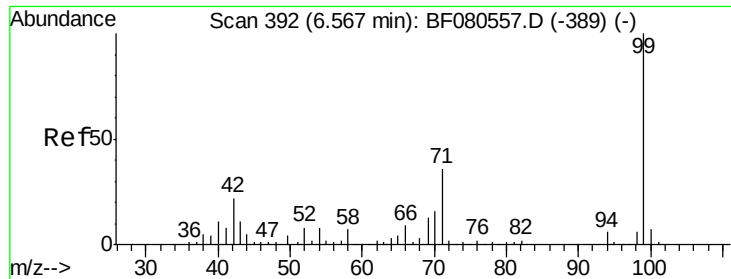


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.51 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

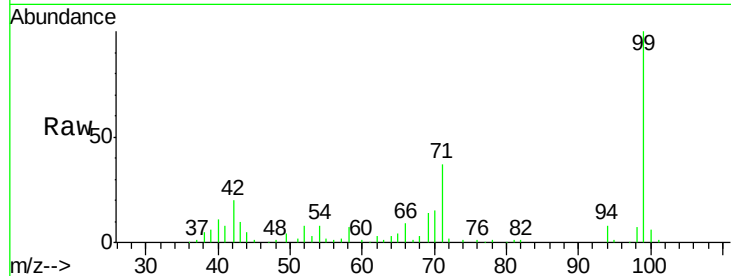
Tgt Ion: 99 Resp: 101825

Ion Ratio Lower Upper

99 100

42 19.9 17.4 26.2

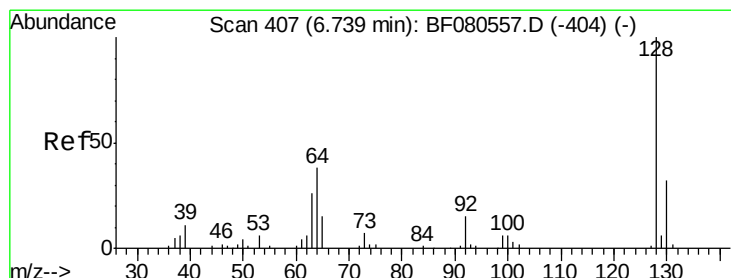
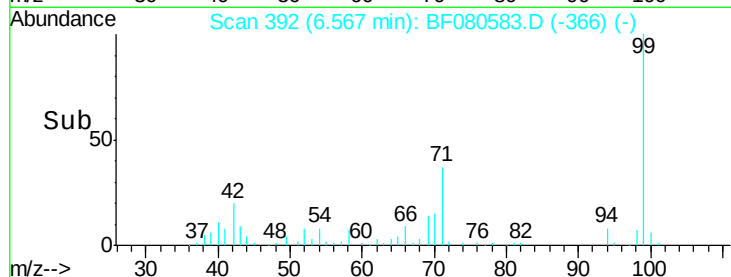
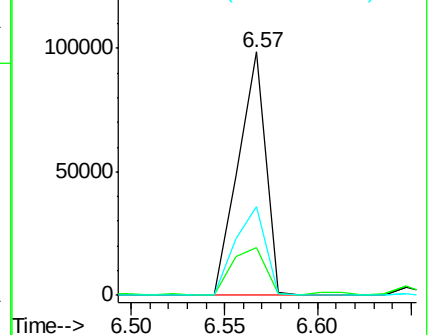
71 36.6 29.0 43.6



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: 32.05 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

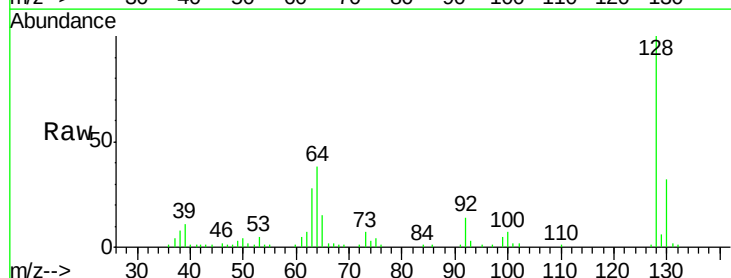
Tgt Ion: 128 Resp: 85358

Ion Ratio Lower Upper

128 100

130 32.1 11.8 51.8

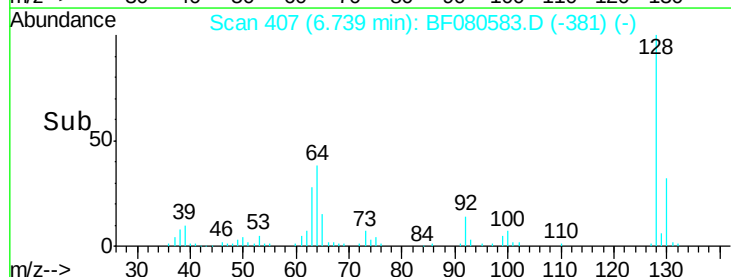
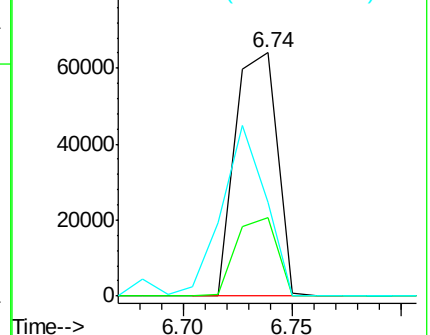
64 38.4 20.2 60.2

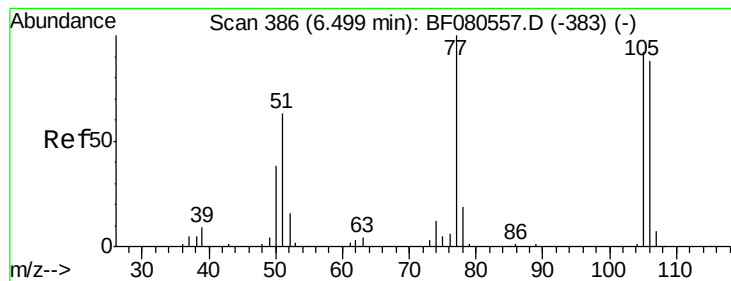


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.39 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

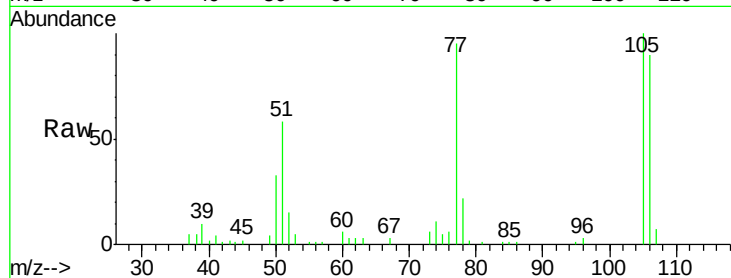
Tgt Ion: 77 Resp: 36279

Ion Ratio Lower Upper

77 100

105 105.6 72.3 112.3

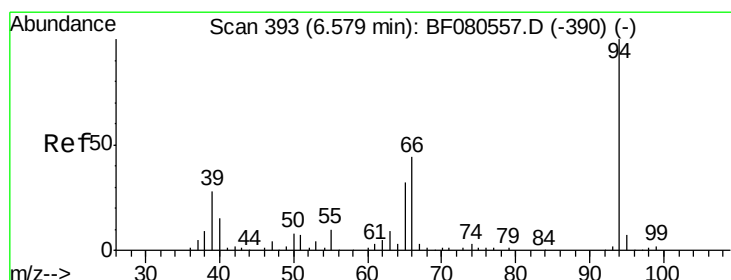
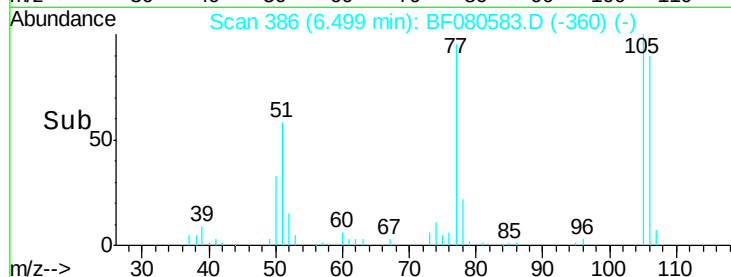
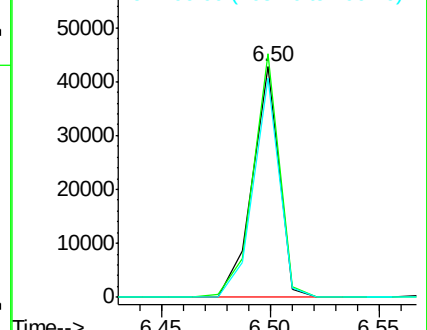
106 94.9 67.5 107.5



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: 11.98 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

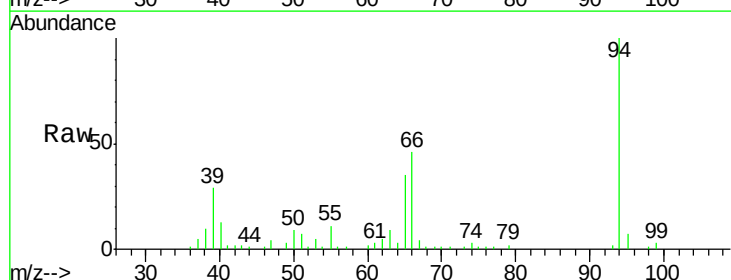
Tgt Ion: 94 Resp: 44620

Ion Ratio Lower Upper

94 100

65 35.2 12.1 52.1

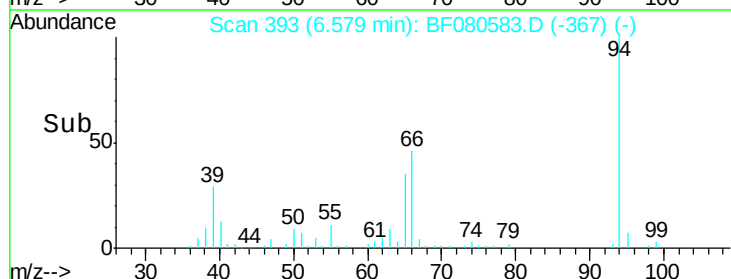
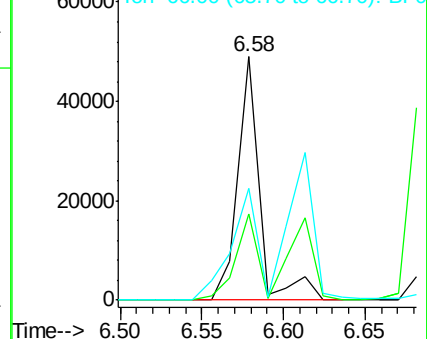
66 45.8 24.3 64.3

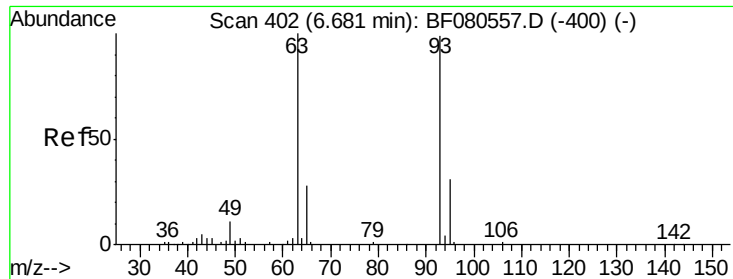


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.71 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

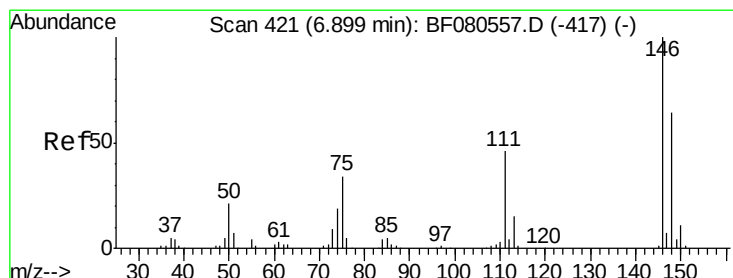
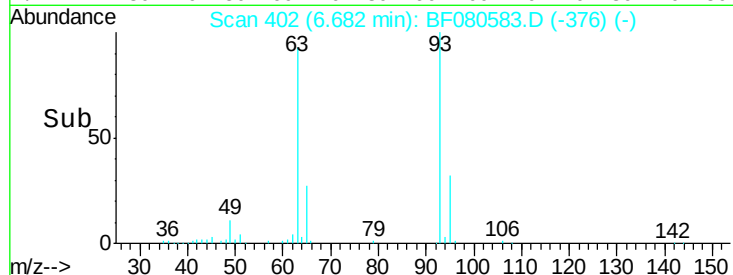
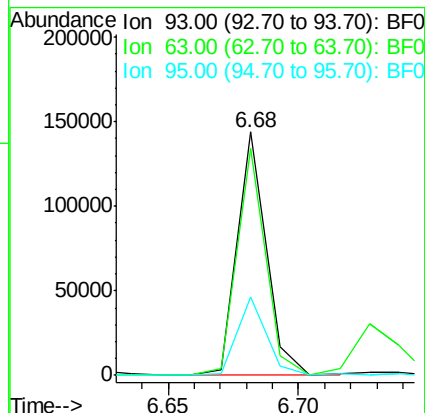
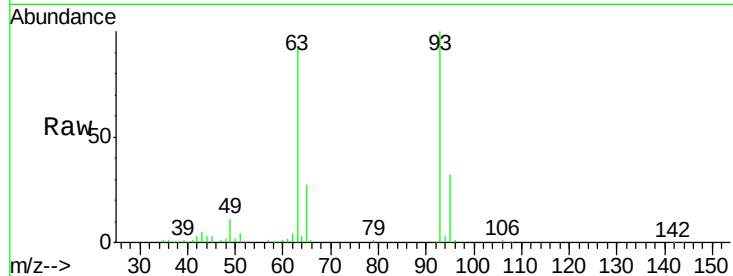
Tgt Ion: 93 Resp: 111599

Ion Ratio Lower Upper

93 100

63 93.5 80.5 120.5

95 32.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 29.94 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

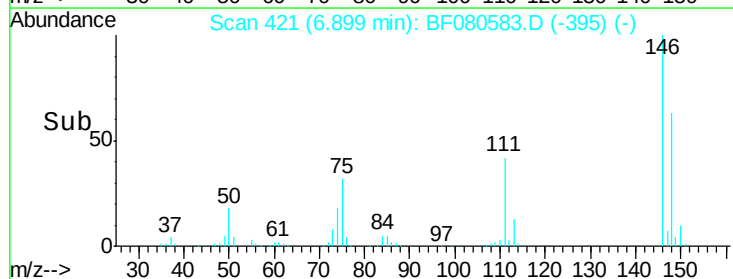
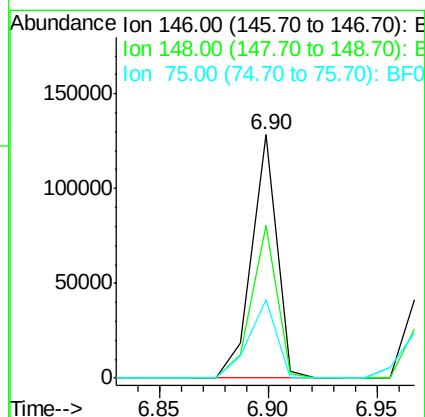
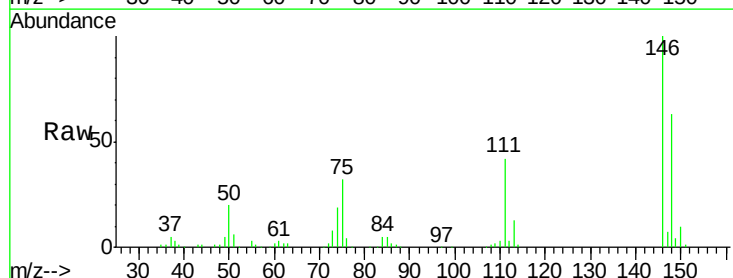
Tgt Ion: 146 Resp: 103154

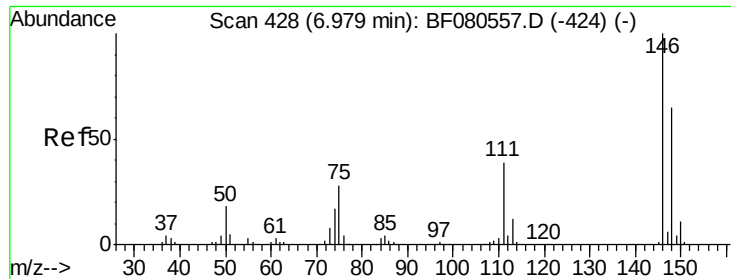
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

75 32.3 27.1 40.7

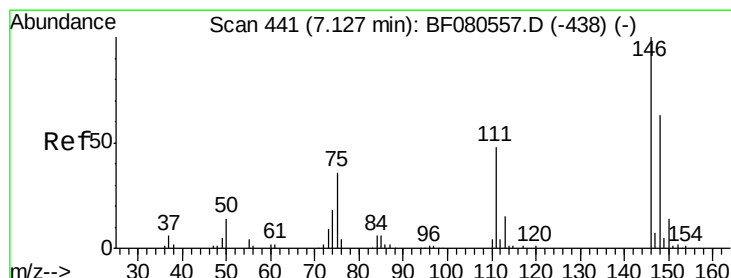
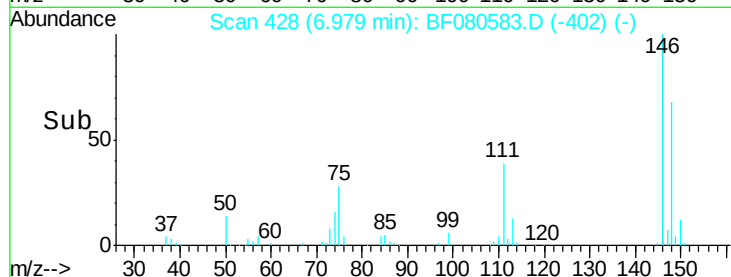
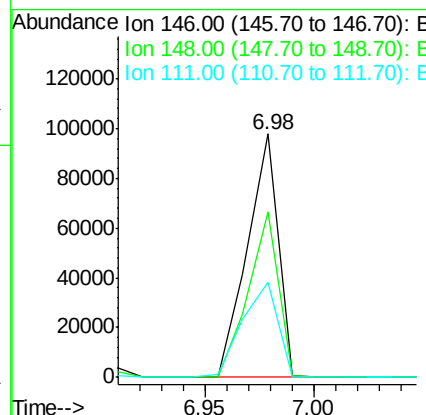
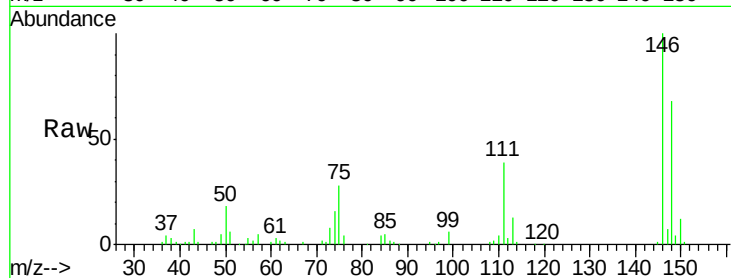




#13
 1,4-Dichlorobenzene
 Concen: 29.28 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

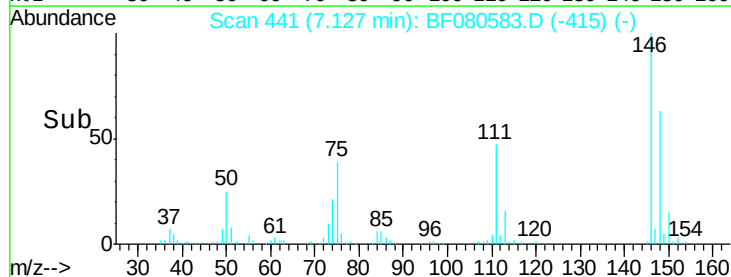
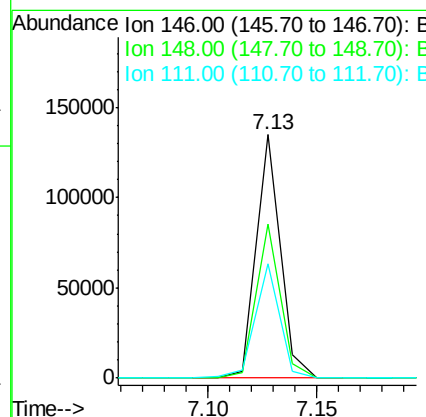
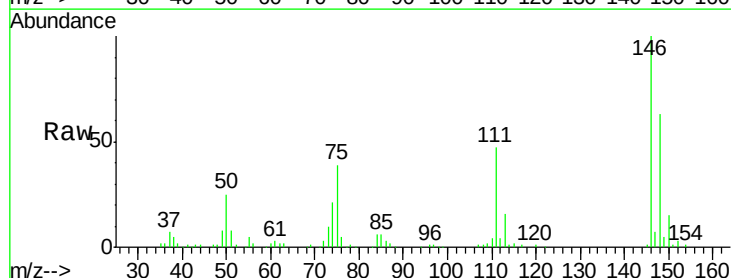
Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

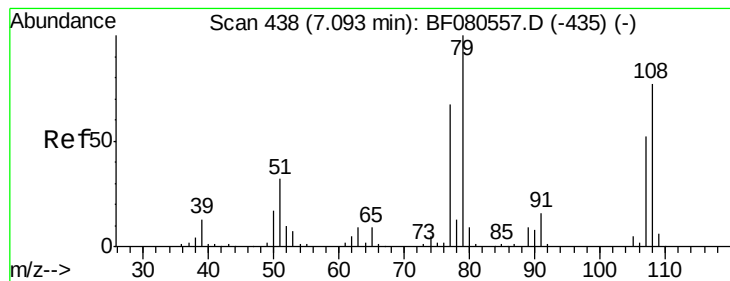
Tgt Ion:146 Resp: 96116
 Ion Ratio Lower Upper
 146 100
 148 68.2 52.0 78.0
 111 39.1 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 32.79 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:146 Resp: 103798
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.3 75.5
 111 47.1 38.2 57.2





#15

Benzyl Alcohol

Concen: 27.37 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

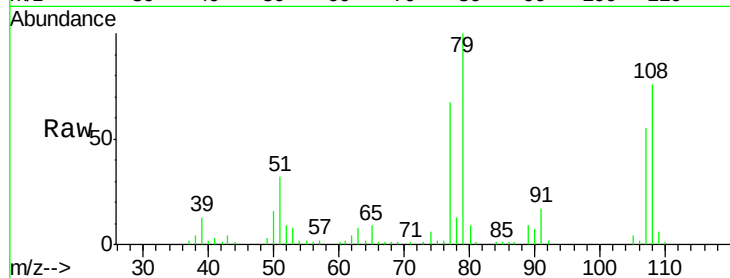
Tgt Ion: 79 Resp: 70978

Ion Ratio Lower Upper

79 100

108 76.5 61.5 92.3

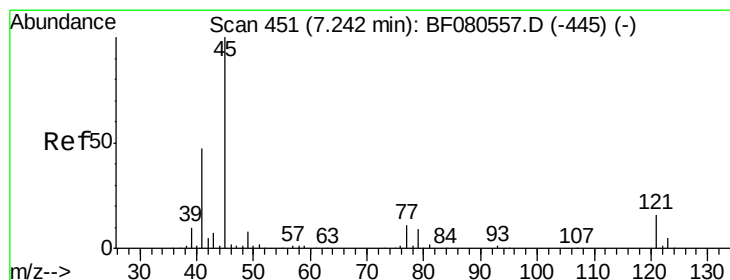
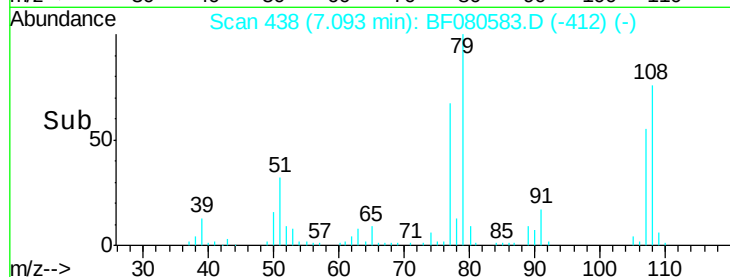
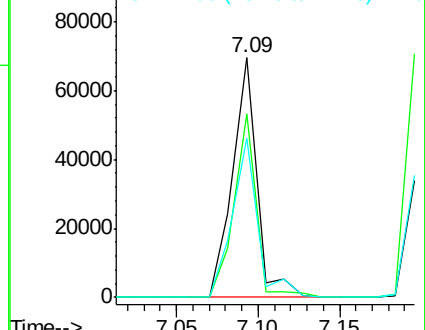
77 66.6 53.6 80.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.80 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

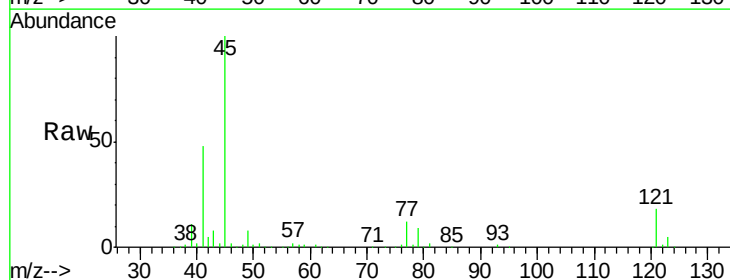
Tgt Ion: 45 Resp: 217424

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.8

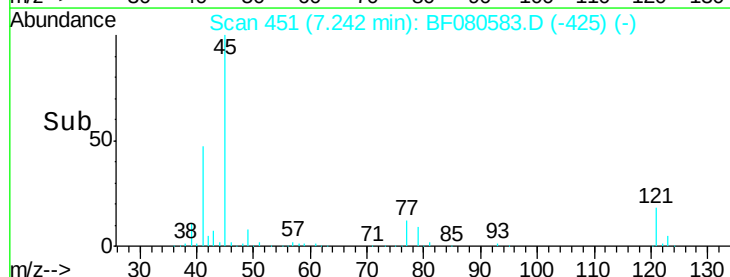
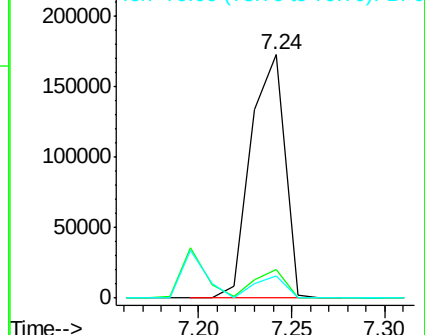
79 9.3 0.0 28.6

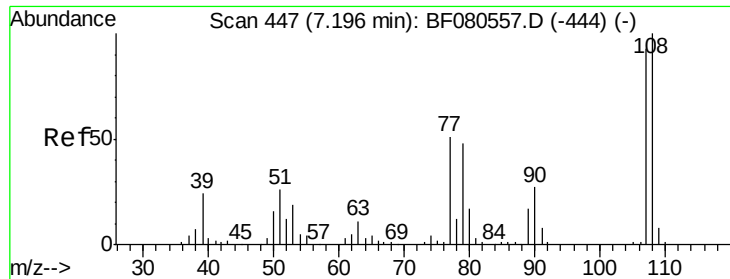


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

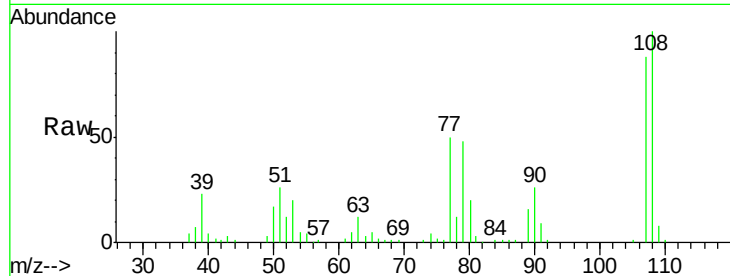




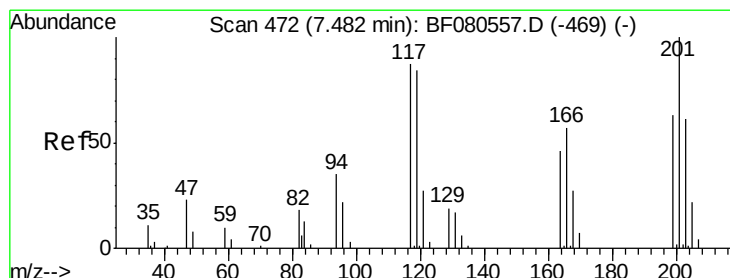
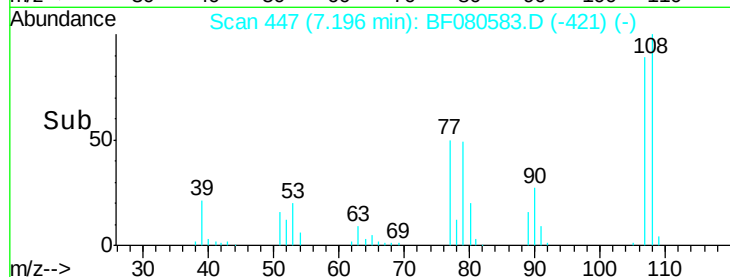
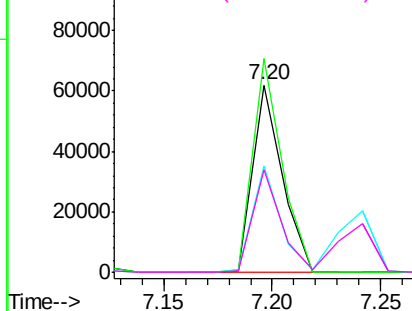
#17
2-Methylphenol
Concen: 25.63 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion:107 Resp: 58225
Ion Ratio Lower Upper
107 100
108 114.1 86.0 129.0
77 57.0 43.4 65.2
79 55.0 41.2 61.8

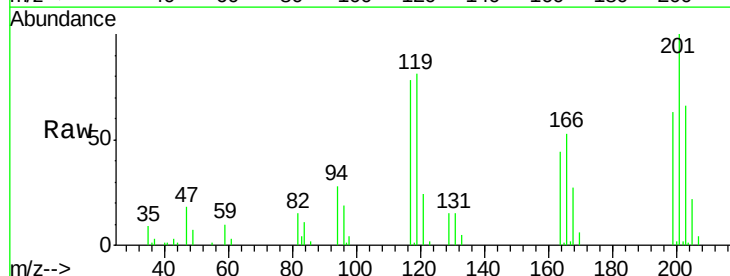


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

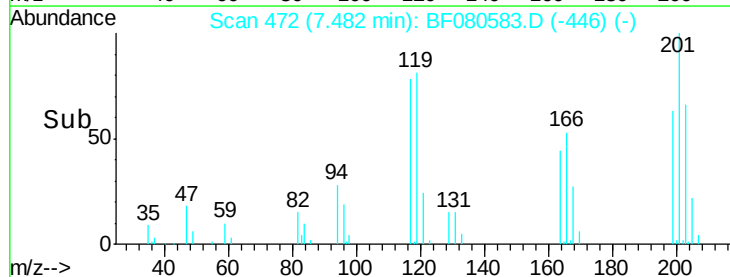
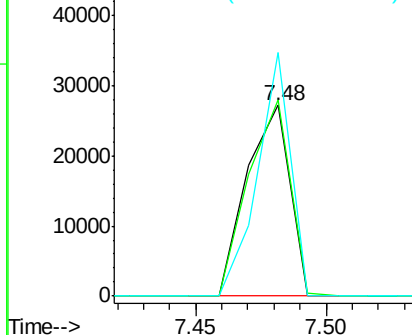


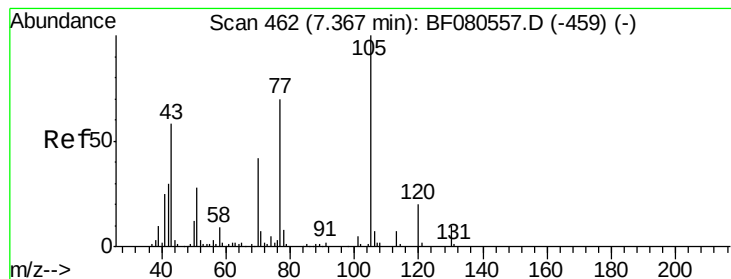
#18
Hexachloroethane
Concen: 27.16 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:117 Resp: 31432
Ion Ratio Lower Upper
117 100
119 103.1 76.5 114.7
201 127.7 91.6 137.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.47 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

Tgt Ion: 70 Resp: 85443

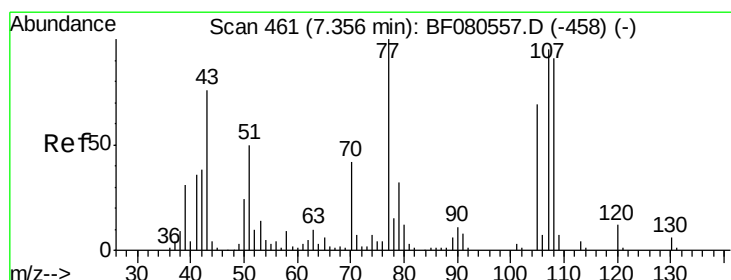
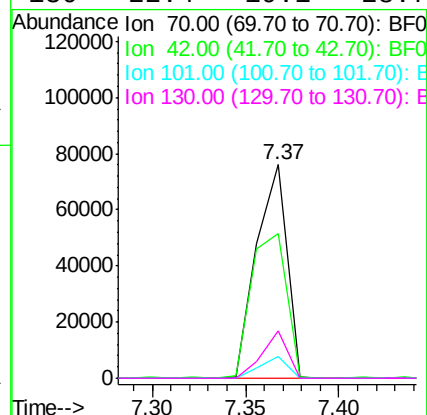
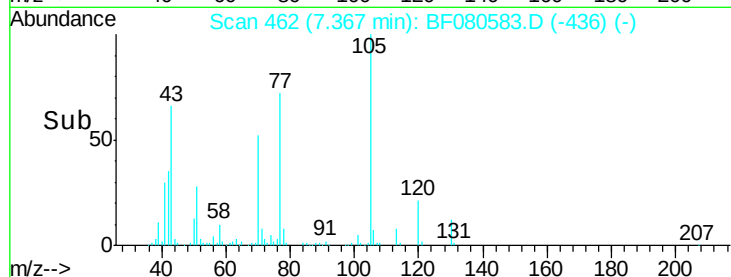
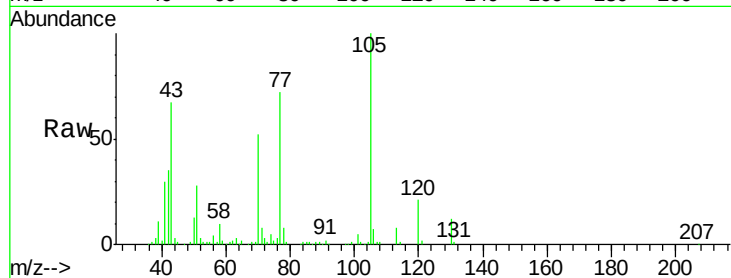
Ion Ratio Lower Upper

70 100

42 67.7 56.6 85.0

101 10.4 9.7 14.5

130 22.4 19.1 28.7



#20

3+4-Methylphenols

Concen: 24.89 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion: 107 Resp: 71322

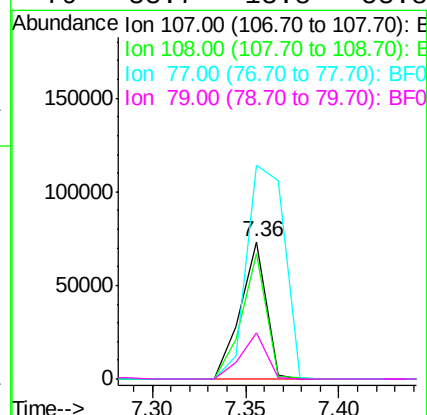
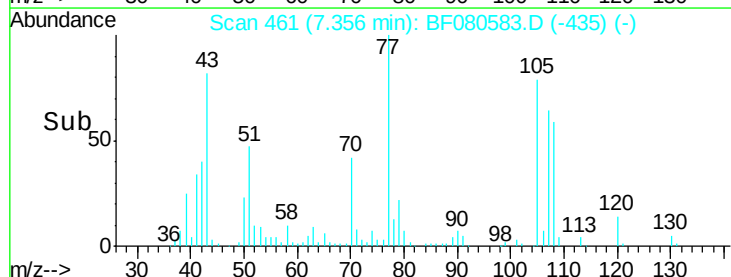
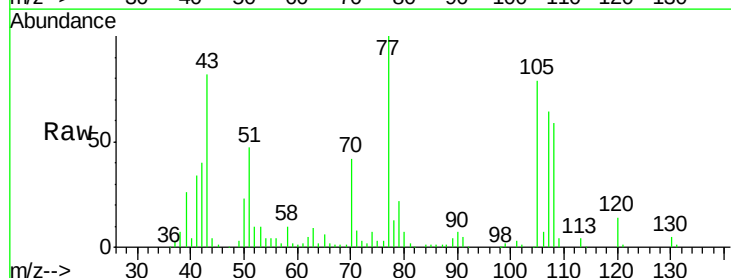
Ion Ratio Lower Upper

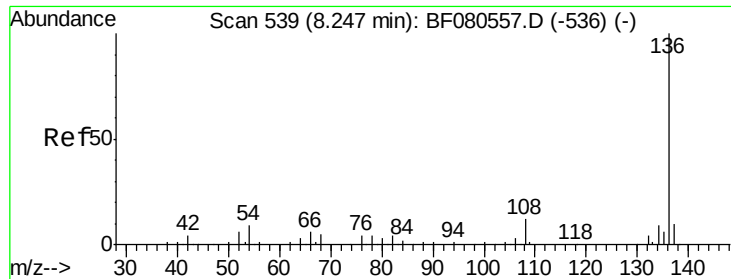
107 100

108 91.2 75.6 115.6

77 155.3 84.7 124.7#

79 33.7 13.8 53.8

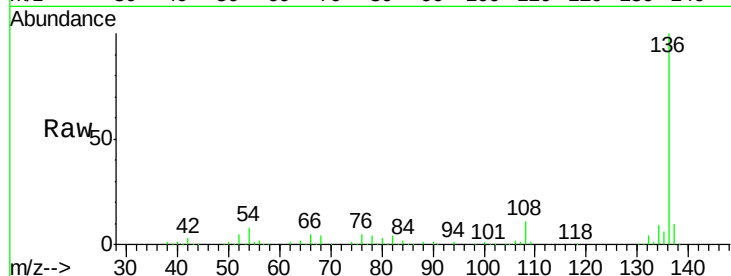




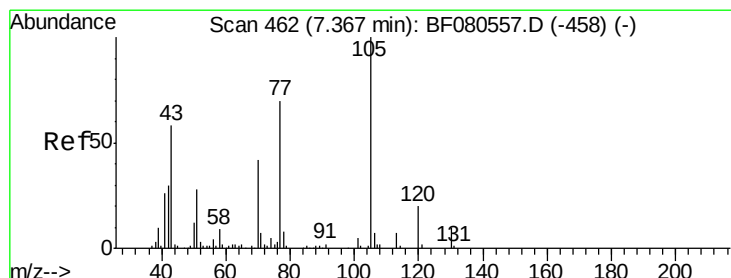
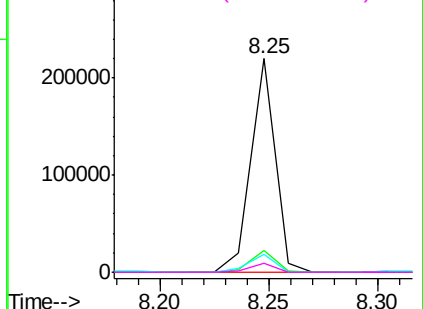
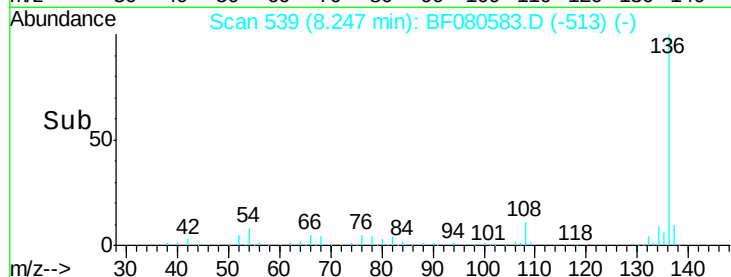
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion:	136	Resp:	170844
Ion	Ratio	Lower	Upper
136	100		
137	10.4	7.8	11.8
54	8.4	7.2	10.8
68	4.2	3.8	5.6

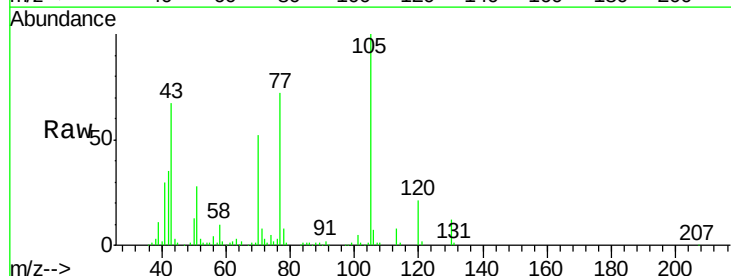


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

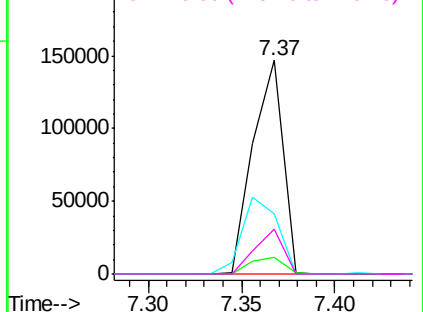
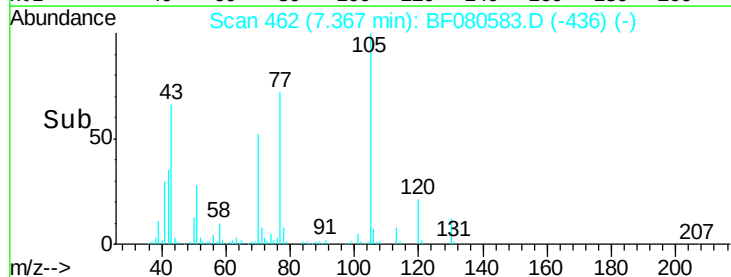


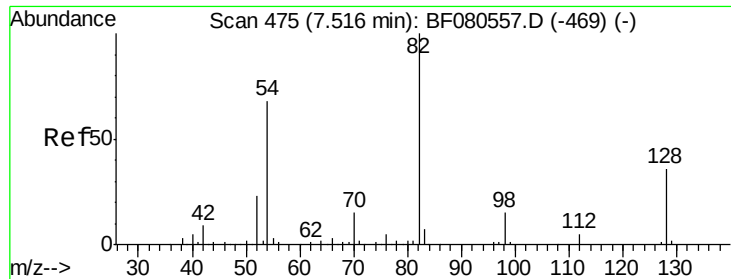
#22
Acetophenone
Concen: 40.05 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:	105	Resp:	163384
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.5	8.3
51	28.3	23.0	34.4
120	21.3	15.8	23.8



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

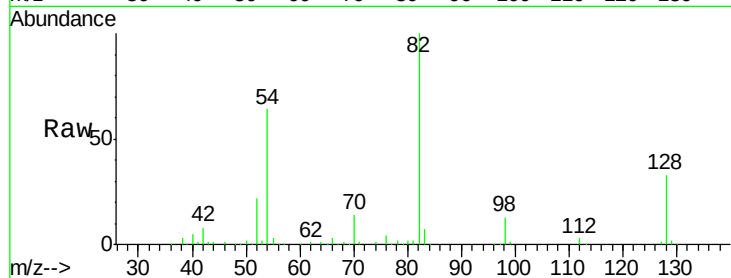




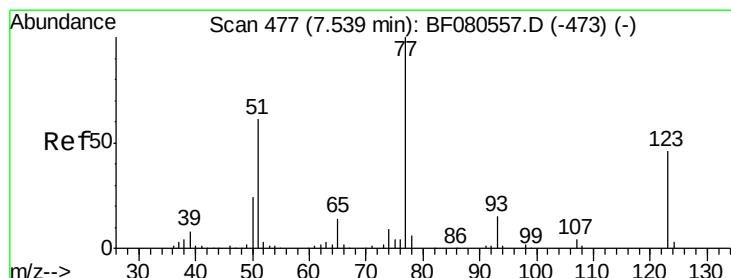
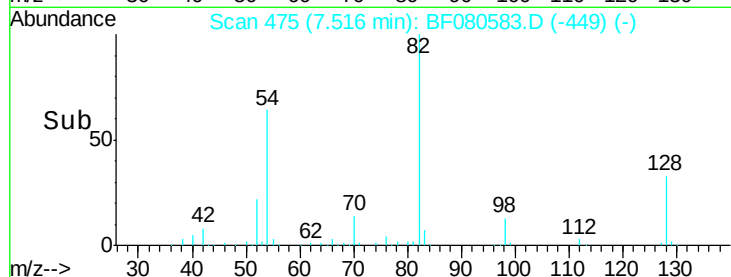
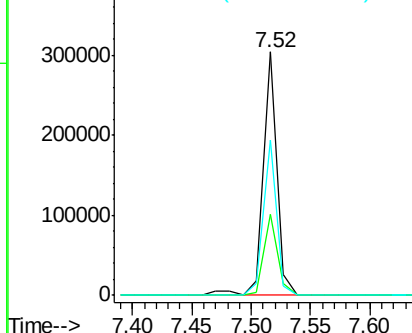
#23
 Nitrobenzene-d5
 Concen: 93.13 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.4	28.9	43.3
54	63.9	54.5	81.7

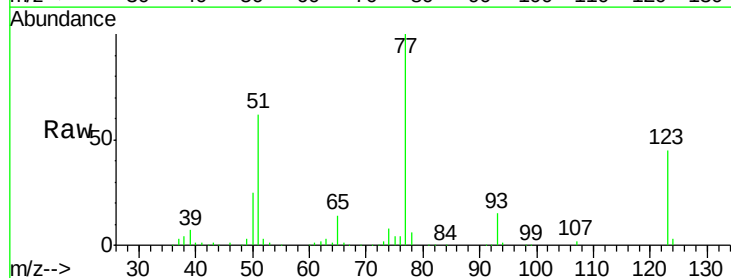


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

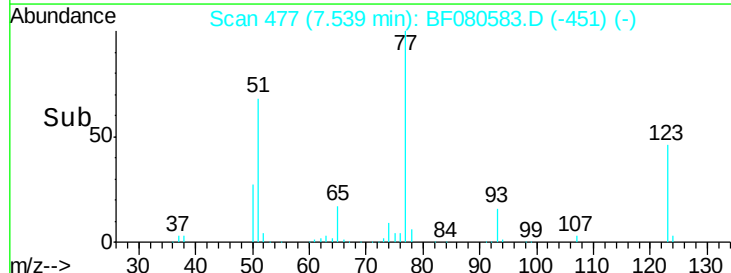
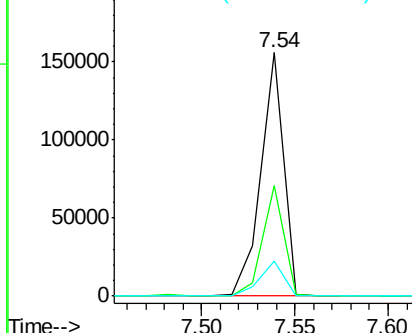


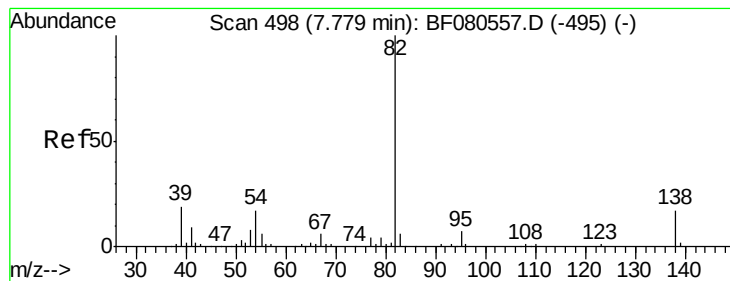
#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.1	55.7
65	14.4	11.4	17.2



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





#25

Isophorone

Concen: 41.56 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

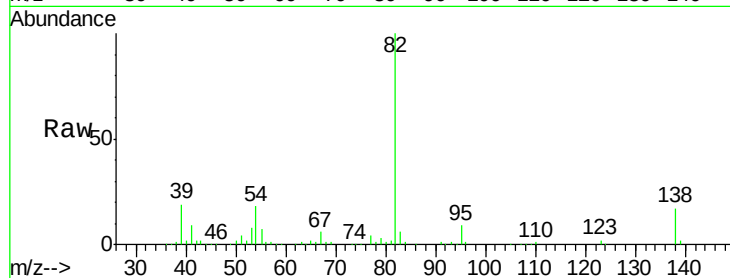
Tgt Ion: 82 Resp: 232826

Ion Ratio Lower Upper

82 100

95 8.7 5.9 8.9

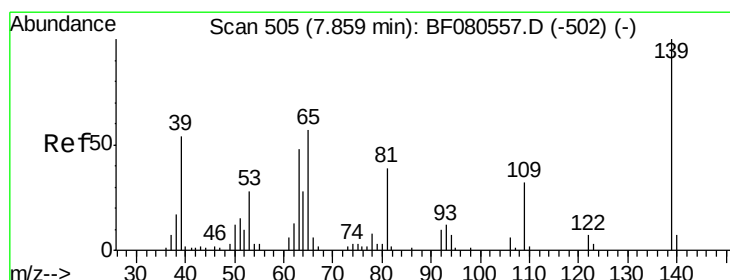
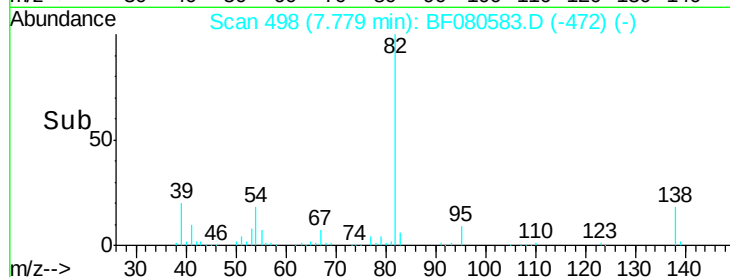
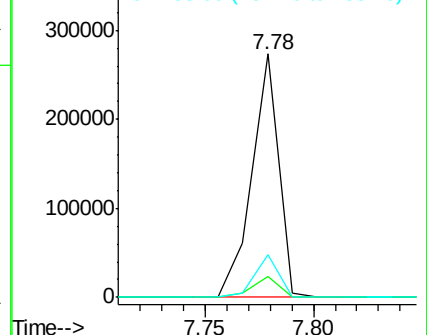
138 17.5 13.4 20.2



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: 53.25 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

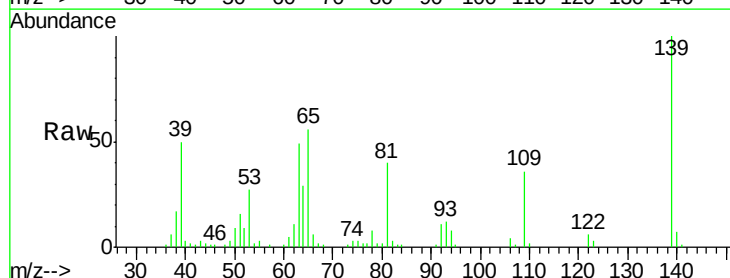
Tgt Ion: 139 Resp: 43660

Ion Ratio Lower Upper

139 100

109 35.5 26.0 39.0

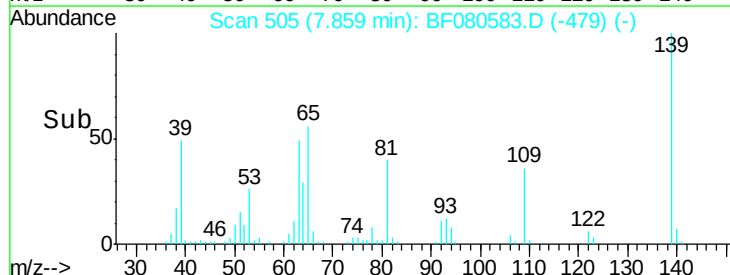
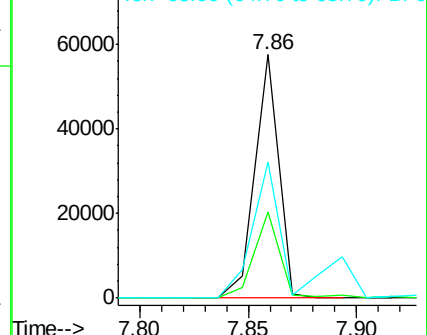
65 55.8 45.4 68.0

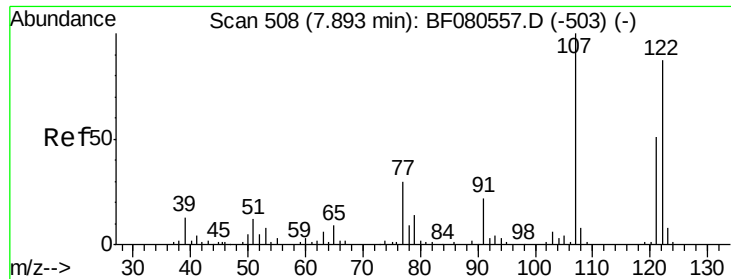


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.04 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

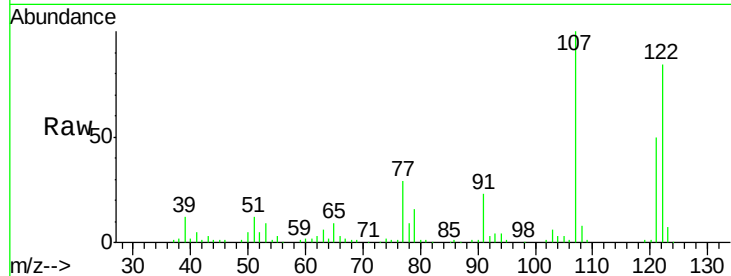
Tgt Ion:122 Resp: 87861

Ion Ratio Lower Upper

122 100

107 119.7 92.3 138.5

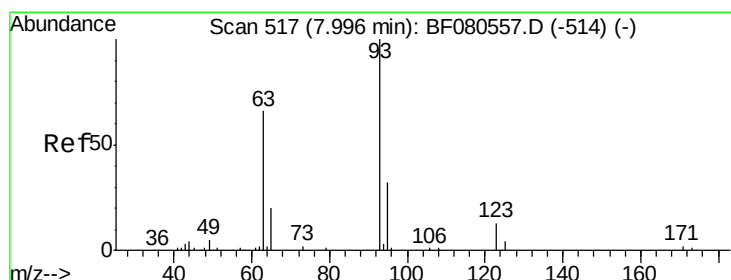
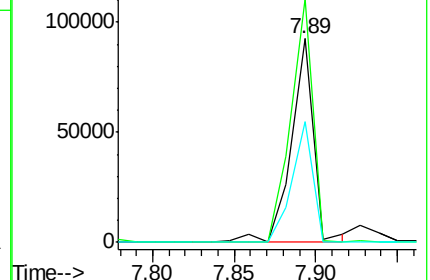
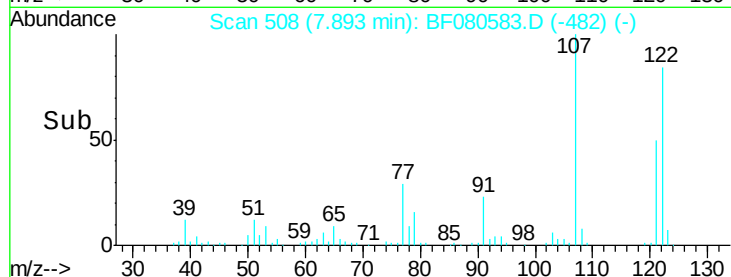
121 59.4 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.50 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

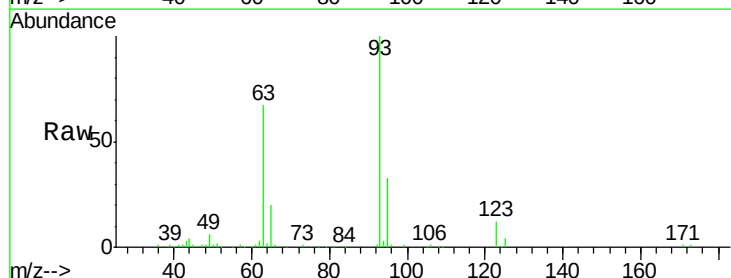
Tgt Ion: 93 Resp: 127712

Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

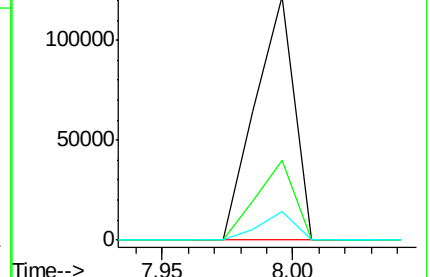
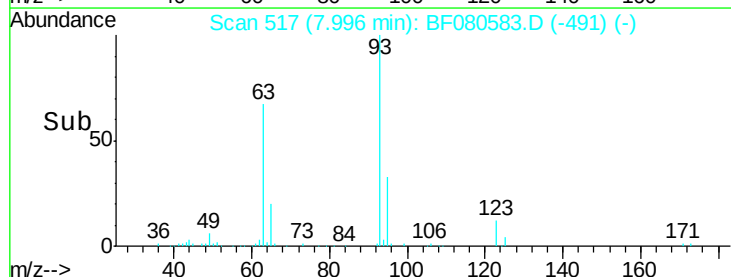
123 11.9 10.3 15.5

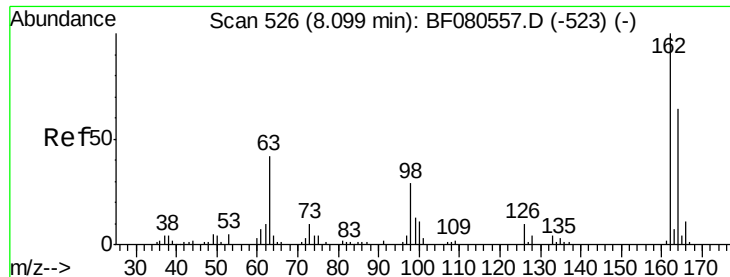


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

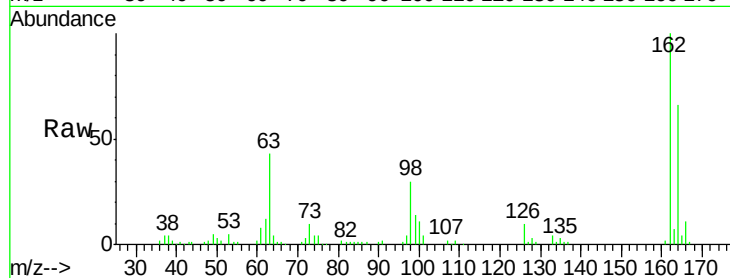




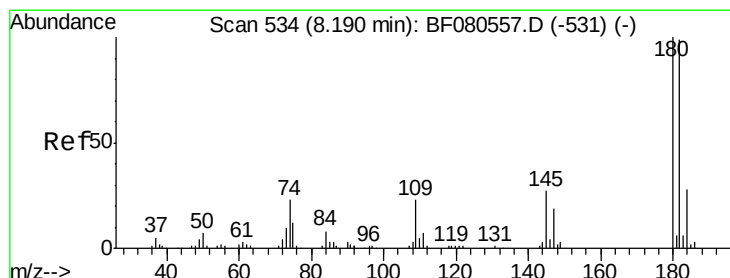
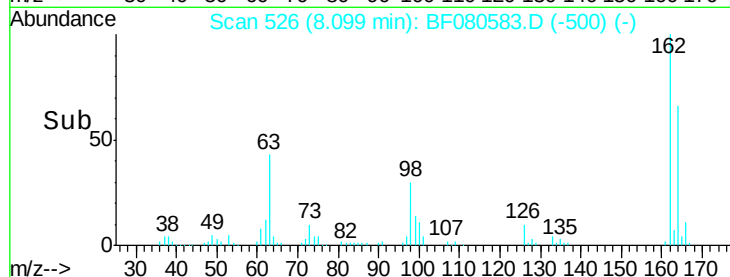
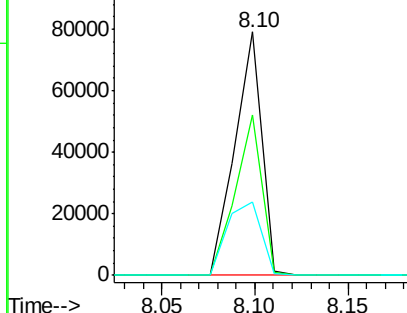
#29
 2,4-Dichlorophenol
 Concen: 42.41 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:162 Resp: 80402
 Ion Ratio Lower Upper
 162 100
 164 65.7 44.1 84.1
 98 30.1 8.9 48.9

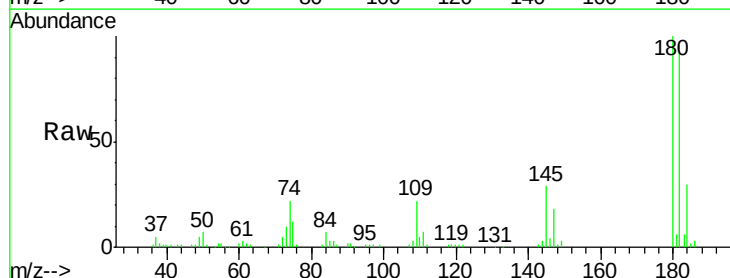


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

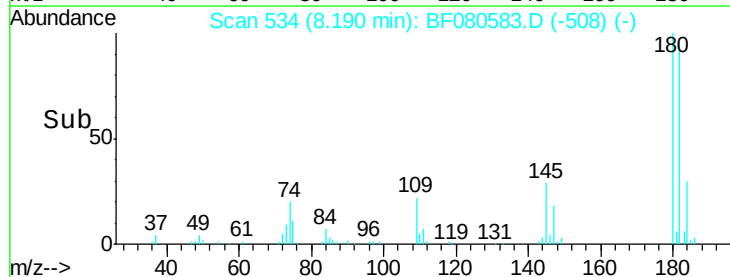
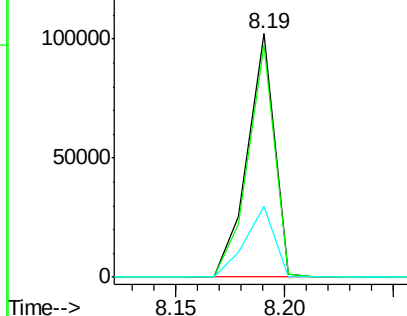


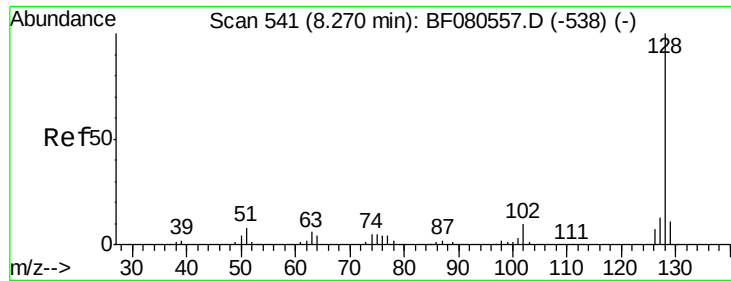
#30
 1,2,4-Trichlorobenzene
 Concen: 33.31 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:180 Resp: 88285
 Ion Ratio Lower Upper
 180 100
 182 95.6 79.0 118.4
 145 28.8 22.0 33.0



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: 35.79 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

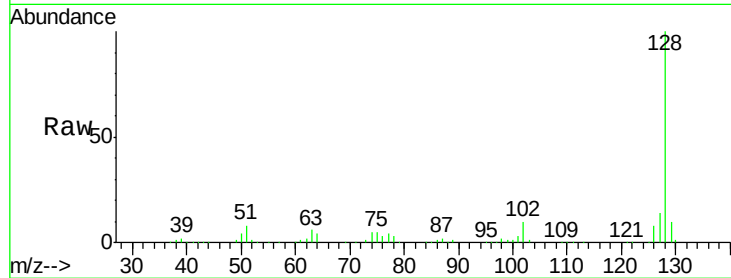
Tgt Ion:128 Resp: 303592

Ion Ratio Lower Upper

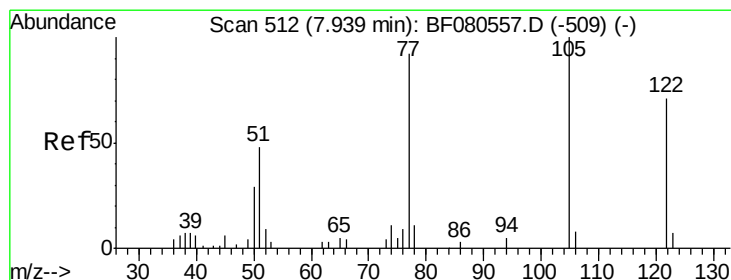
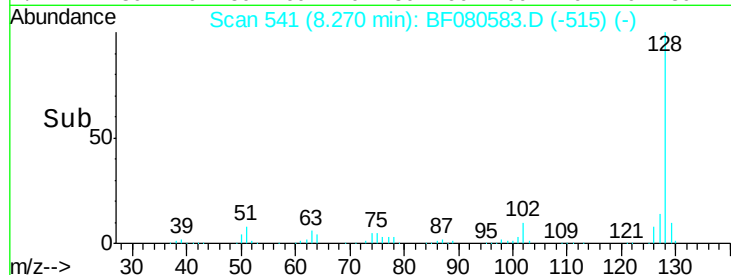
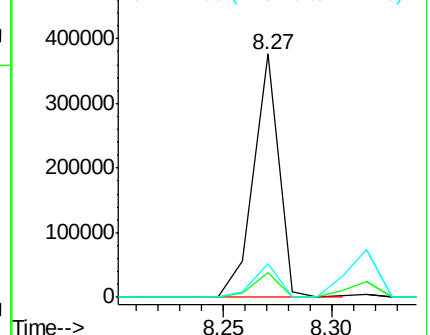
128 100

129 10.4 8.6 13.0

127 13.6 10.7 16.1



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: 20.03 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

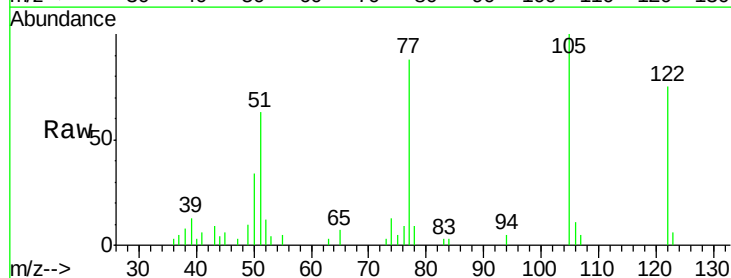
Tgt Ion:122 Resp: 9826

Ion Ratio Lower Upper

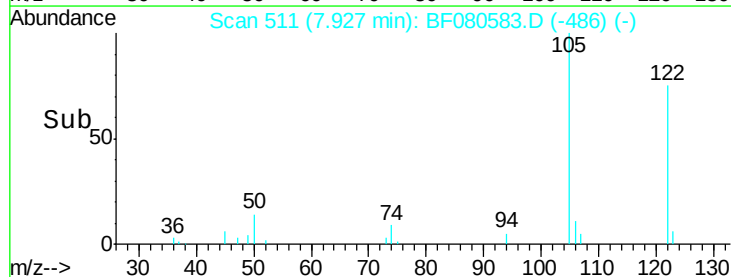
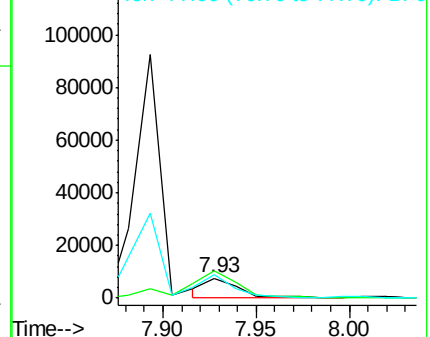
122 100

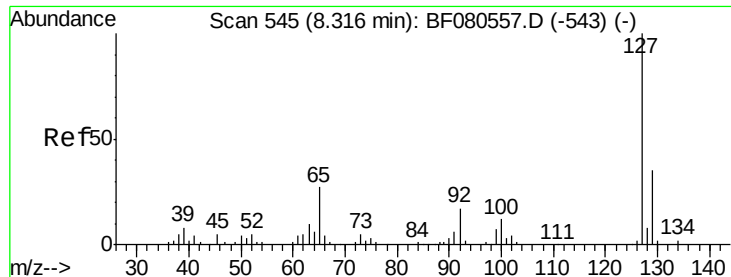
105 133.0 112.5 152.5

77 116.7 102.5 142.5



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

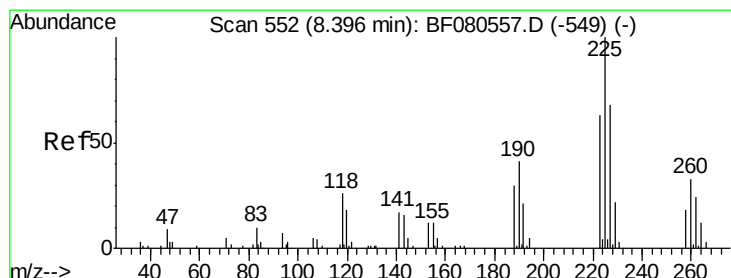
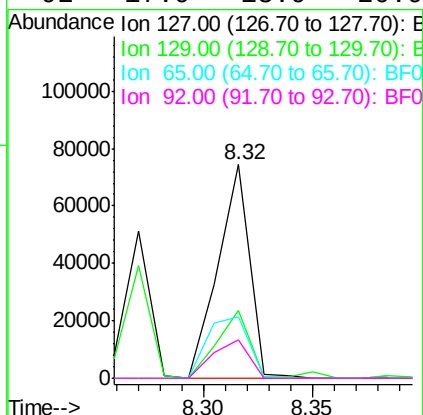
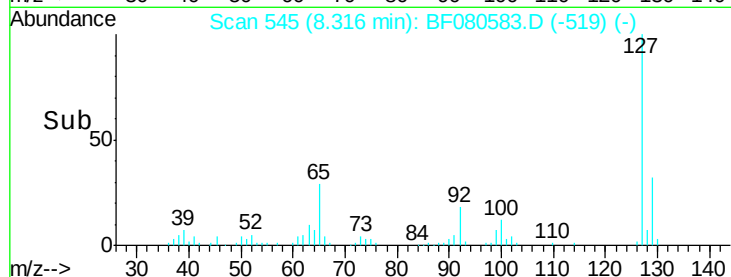
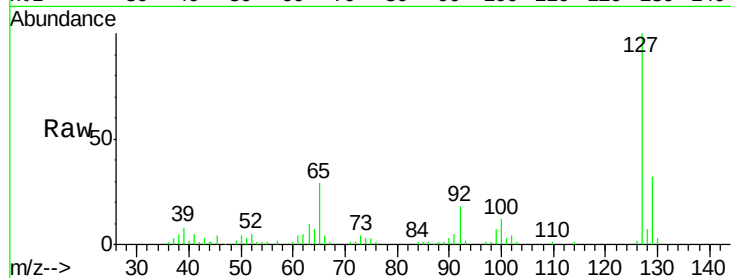




#33
4-Chloroaniline
Concen: 22.93 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

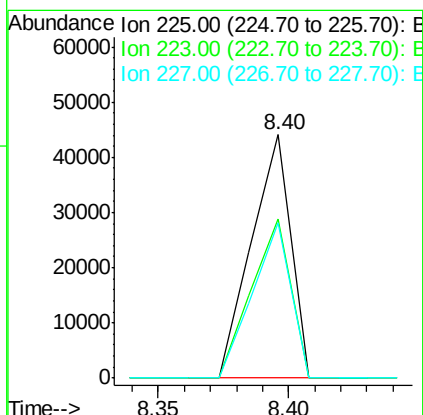
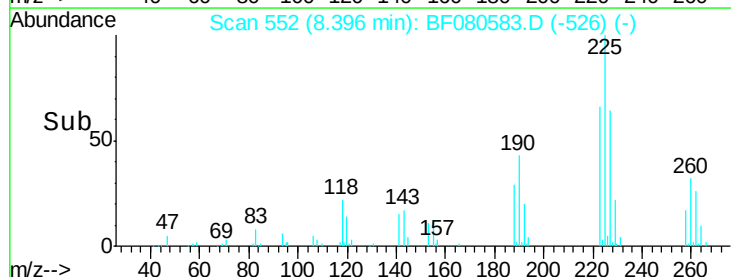
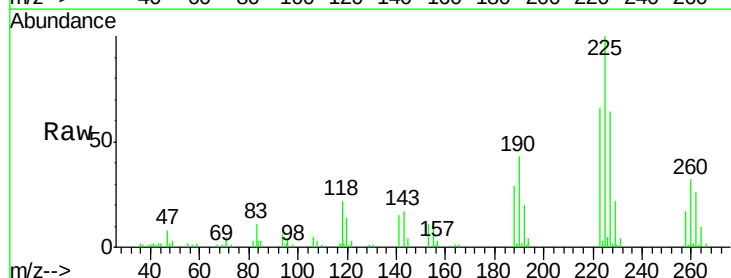
Instrument :
BNA_F
ClientSampleId :
MW-2MSD

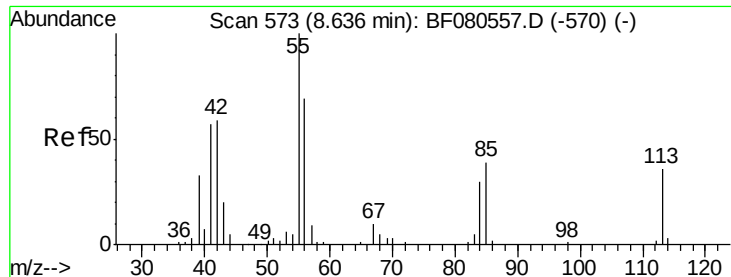
Tgt Ion:	127	Resp:	74872
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.8	41.6
65	29.0	21.2	31.8
92	17.9	13.9	20.9



#34
Hexachlorobutadiene
Concen: 29.61 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:	225	Resp:	45842
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.3	75.5
227	64.0	54.5	81.7

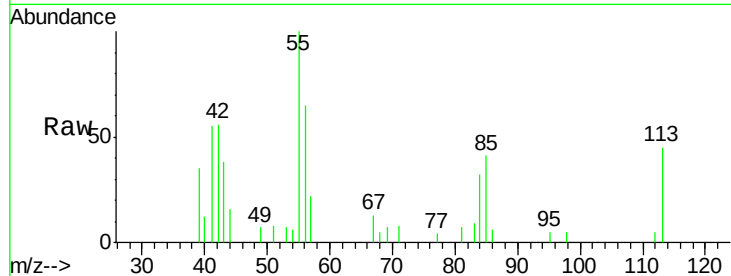




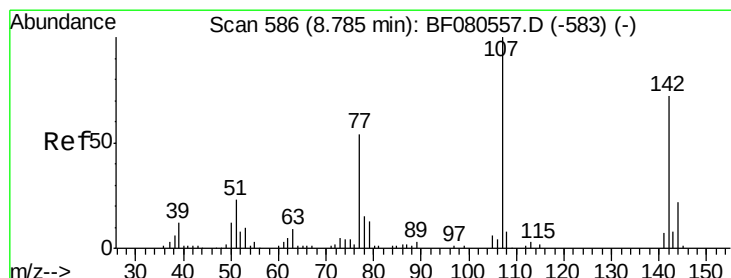
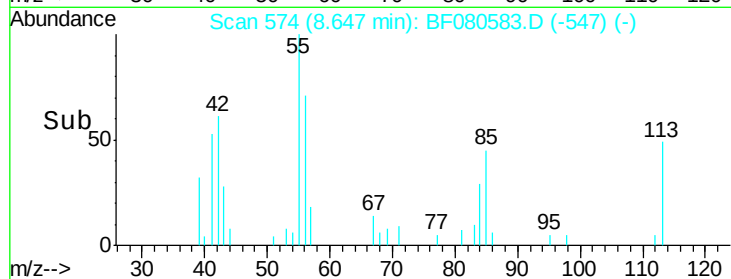
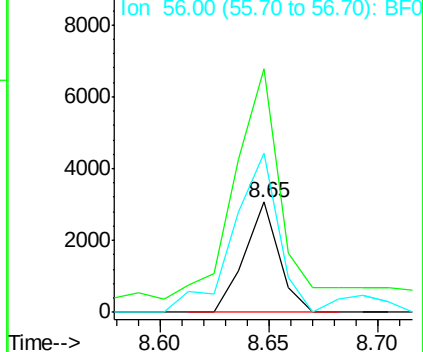
#35
 Caprolactam
 Concen: 6.28 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:113 Resp: 3359
 Ion Ratio Lower Upper
 113 100
 55 221.5 259.3 299.3#
 56 145.1 171.6 211.6#

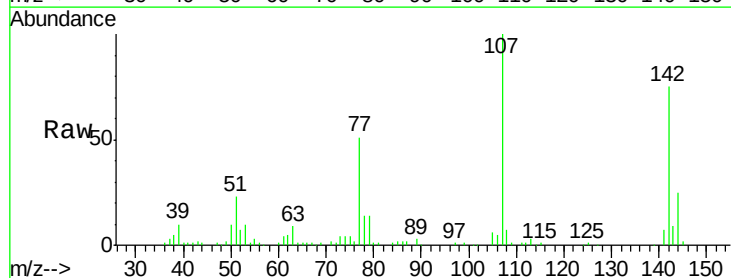


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

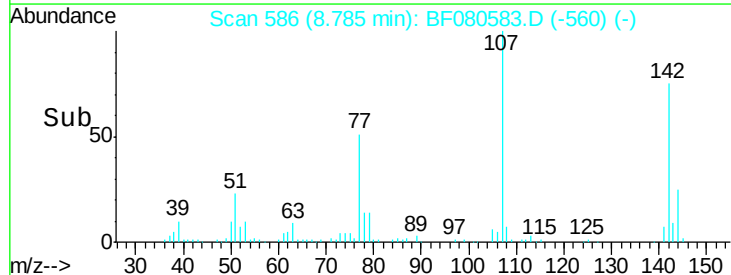
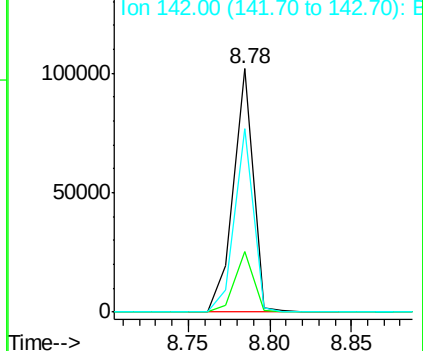


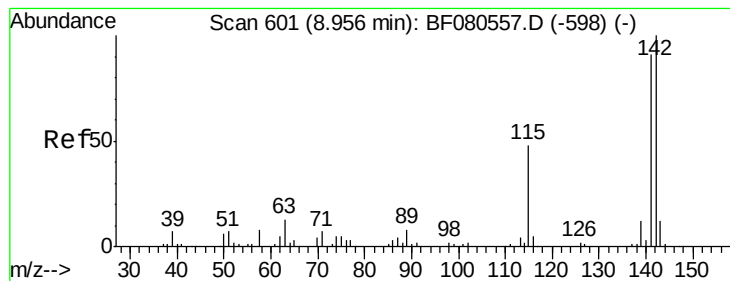
#36
 4-Chloro-3-methylphenol
 Concen: 36.28 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:107 Resp: 85049
 Ion Ratio Lower Upper
 107 100
 144 25.0 17.7 26.5
 142 75.1 57.7 86.5



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

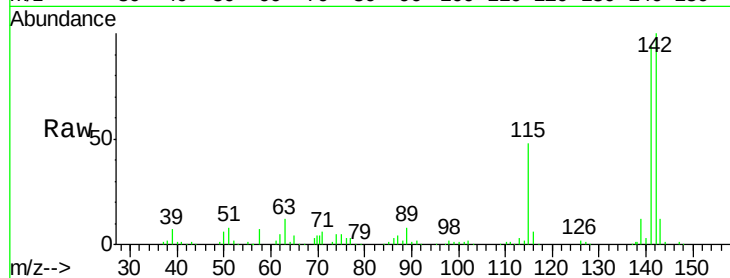




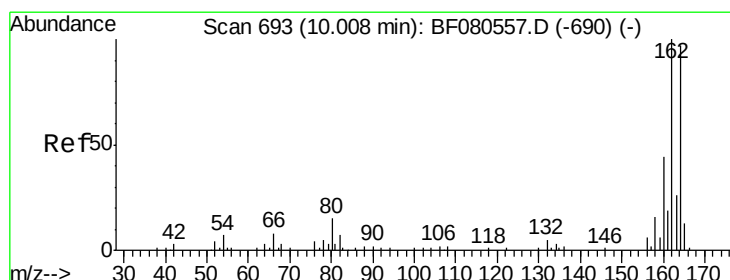
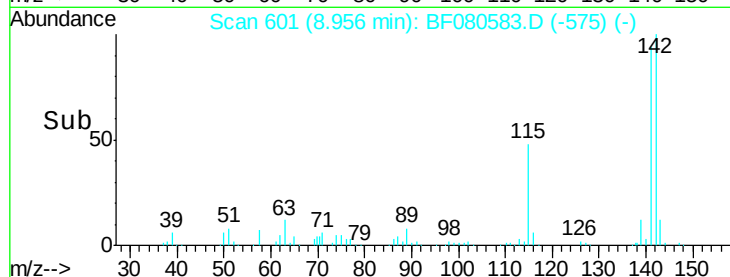
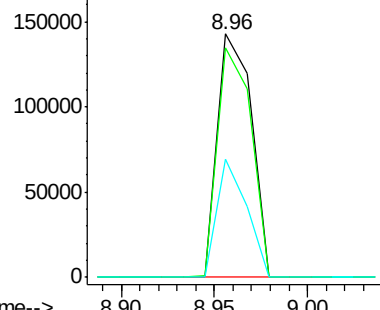
#37
 2-Methylnaphthalene
 Concen: 38.04 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:142 Resp: 180743
 Ion Ratio Lower Upper
 142 100
 141 94.5 72.6 109.0
 115 48.5 38.2 57.2

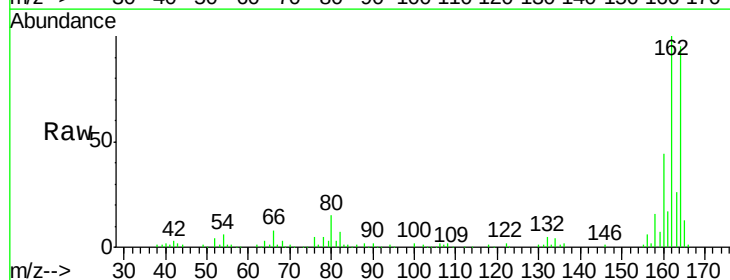


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

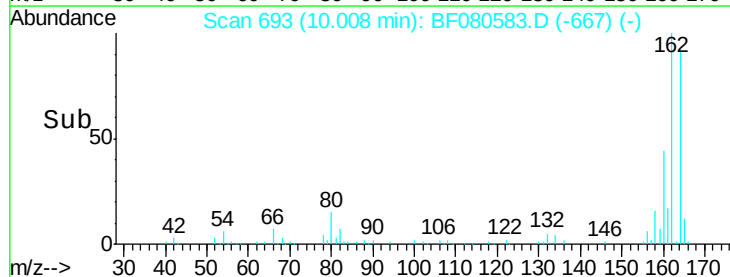
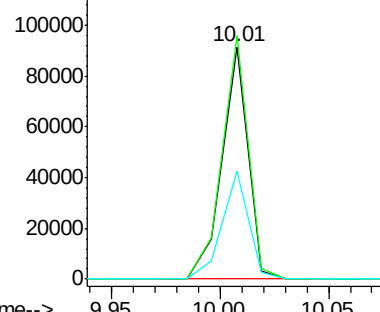


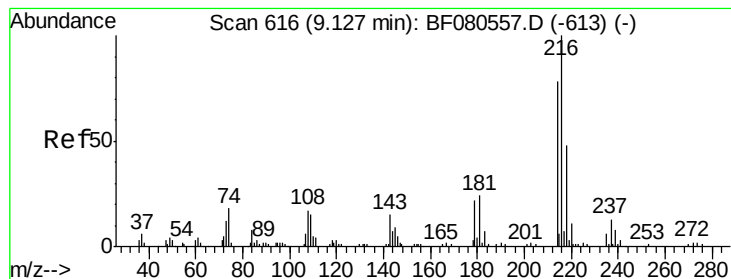
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:164 Resp: 75949
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.2 123.4
 160 46.6 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.76 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

Tgt Ion:216 Resp: 95709

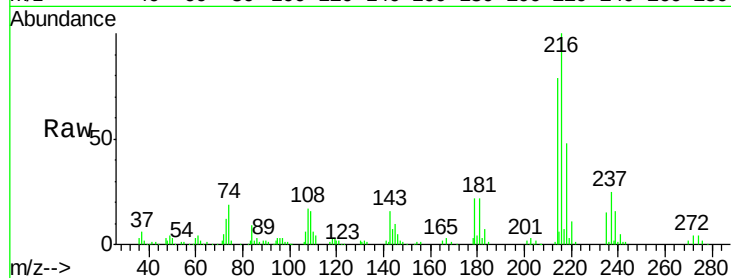
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 22.7 18.0 27.0

108 22.8 15.9 23.9

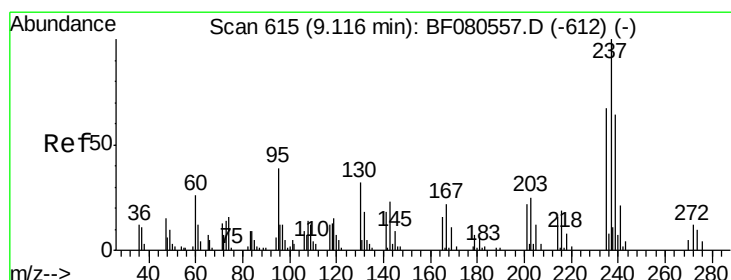
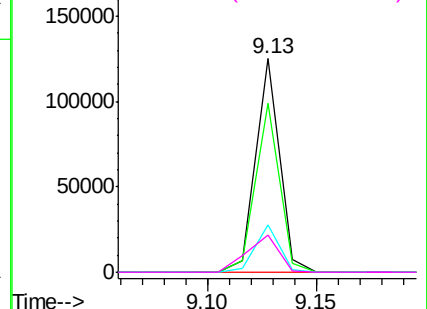
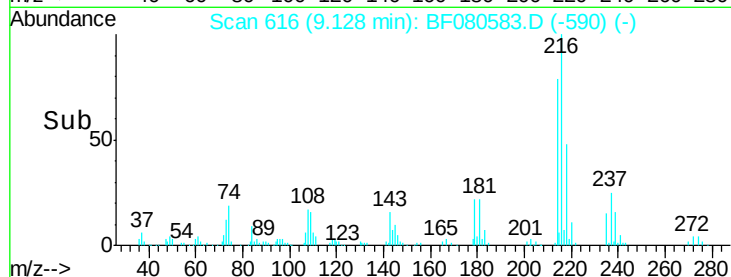


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.52 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

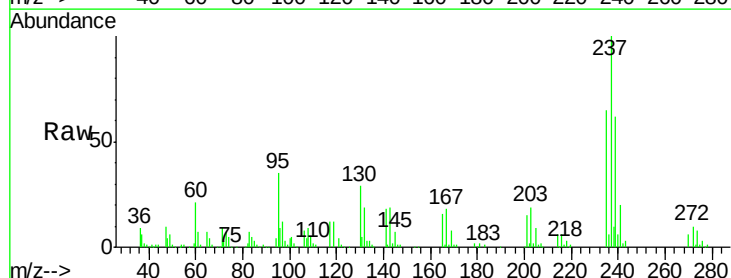
Tgt Ion:237 Resp: 98182

Ion Ratio Lower Upper

237 100

235 64.9 47.3 87.3

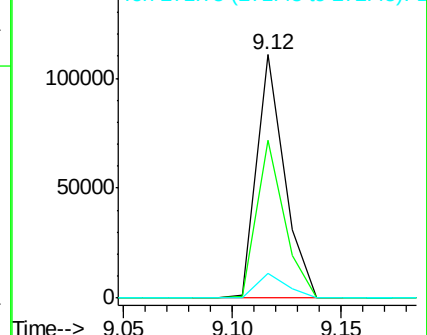
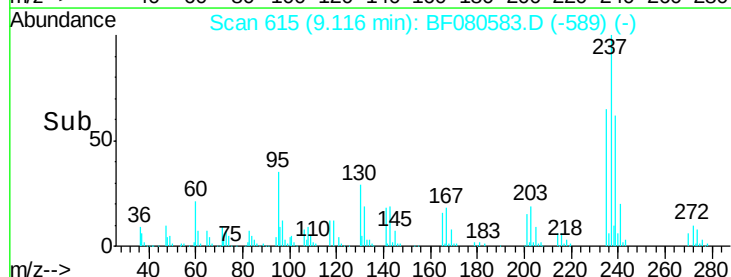
272 10.1 0.0 31.5

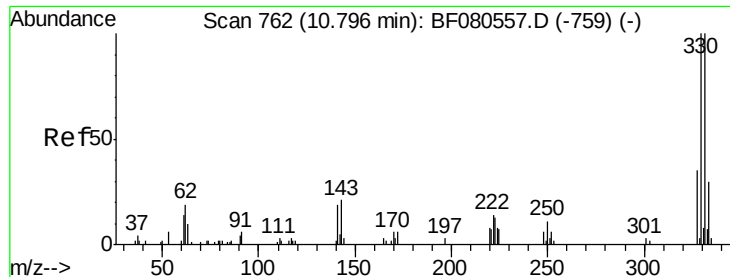


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

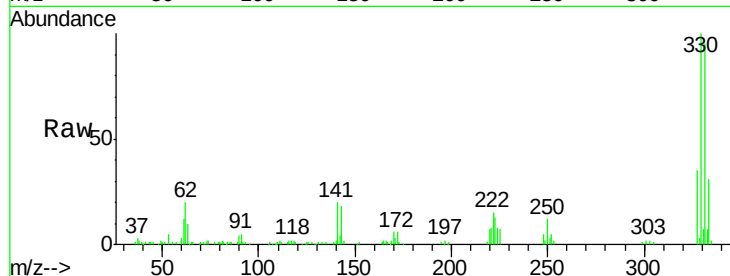




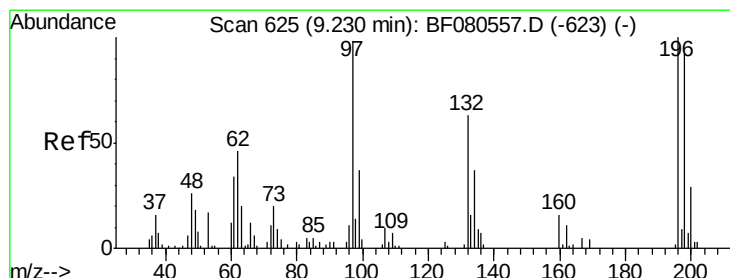
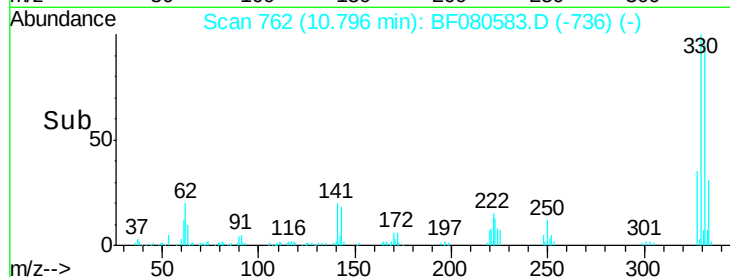
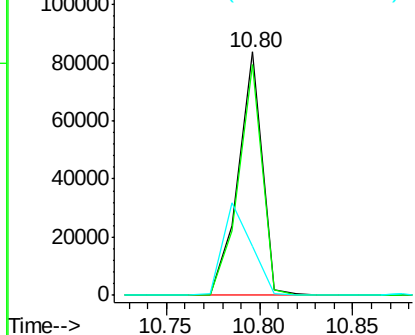
#41
 2,4,6-Tribromophenol
 Concen: 132.52 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:330 Resp: 75322
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.3 117.5
 141 45.5 37.9 56.9

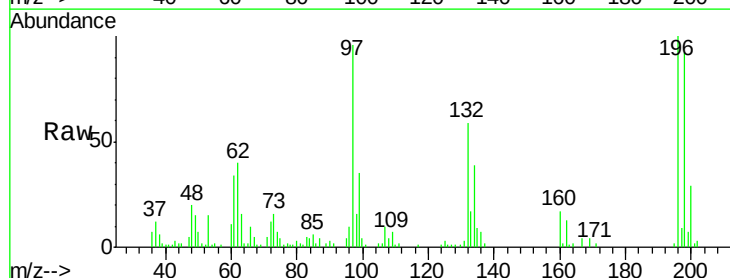


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

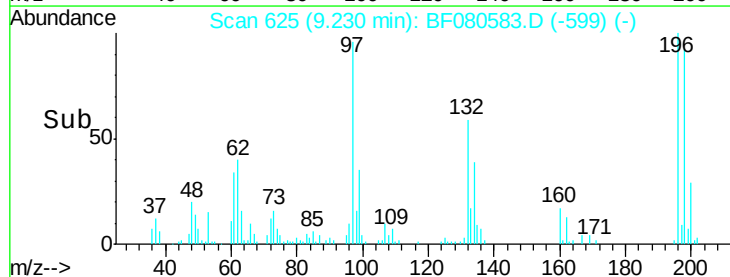
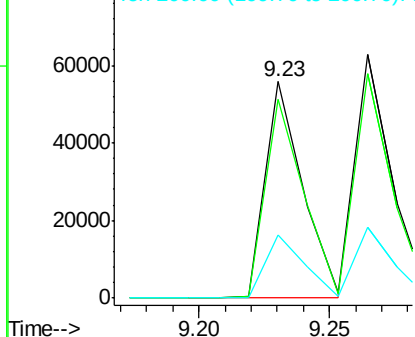


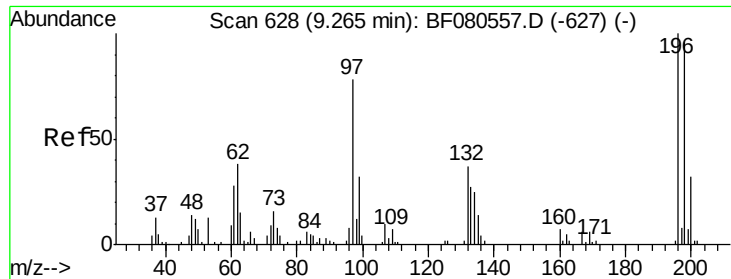
#42
 2,4,6-Trichlorophenol
 Concen: 43.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:196 Resp: 55634
 Ion Ratio Lower Upper
 196 100
 198 91.8 73.9 110.9
 200 29.3 23.4 35.0



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

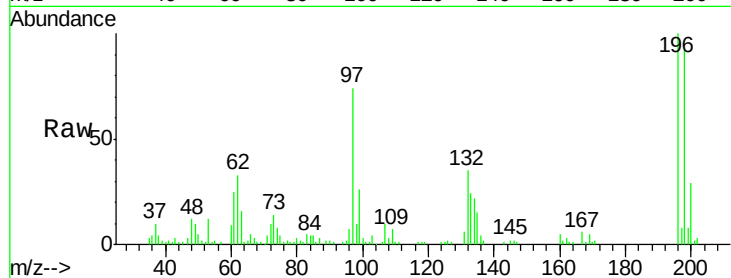




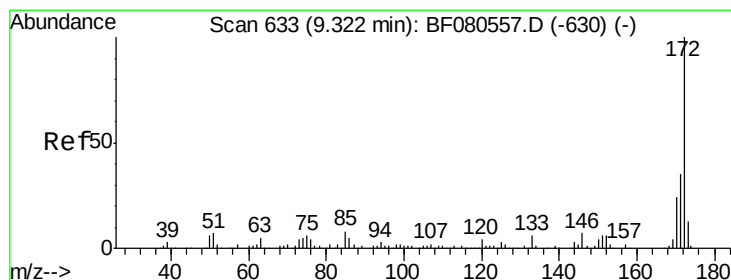
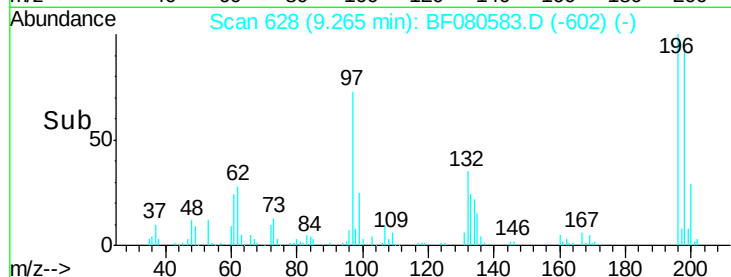
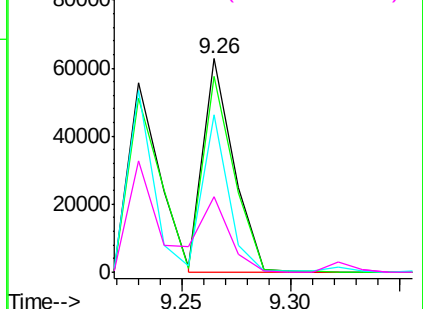
#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:196 Resp: 60802
 Ion Ratio Lower Upper
 196 100
 198 91.9 76.9 115.3
 97 73.7 63.0 94.4
 132 35.4 30.1 45.1

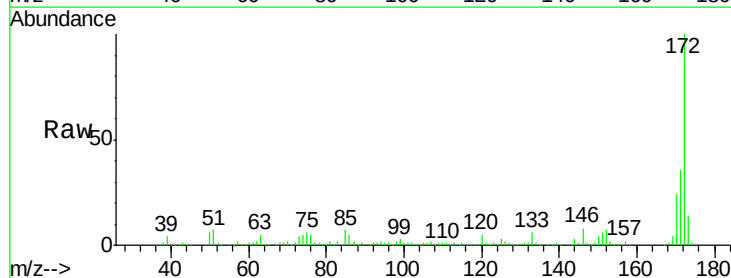


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

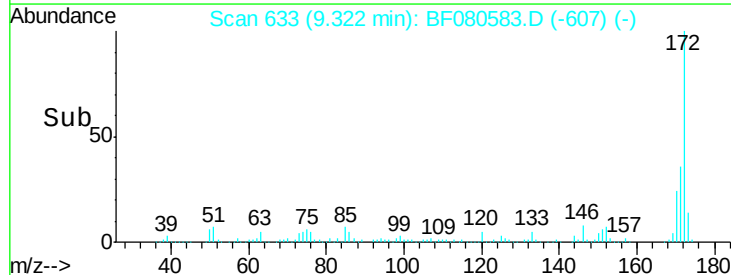
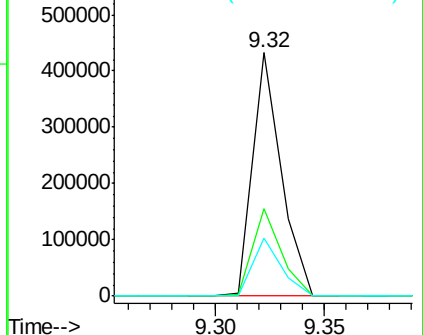


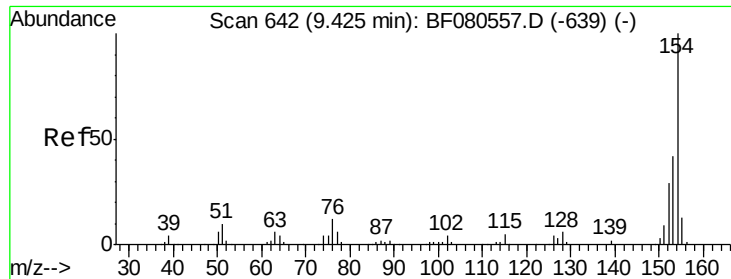
#44
 2-Fluorobiphenyl
 Concen: 74.81 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:172 Resp: 395125
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.7 41.5
 170 23.9 19.1 28.7



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

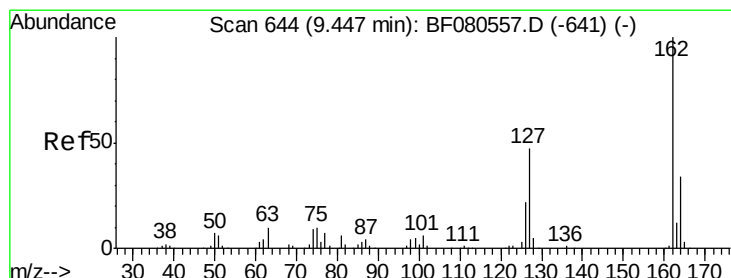
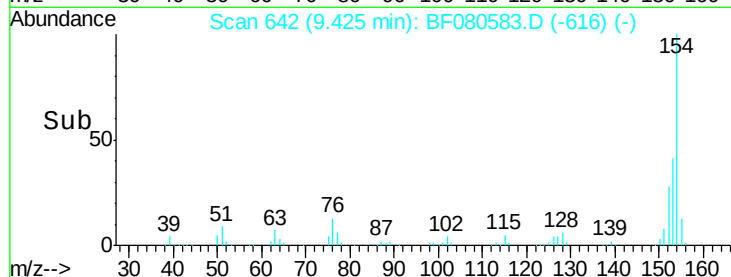
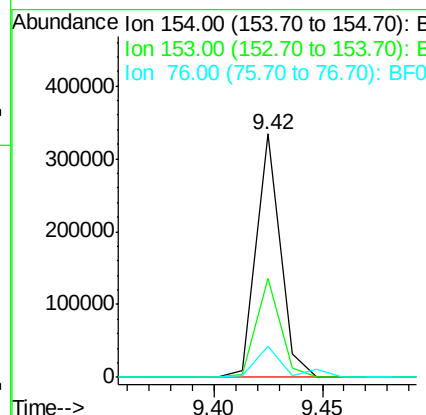
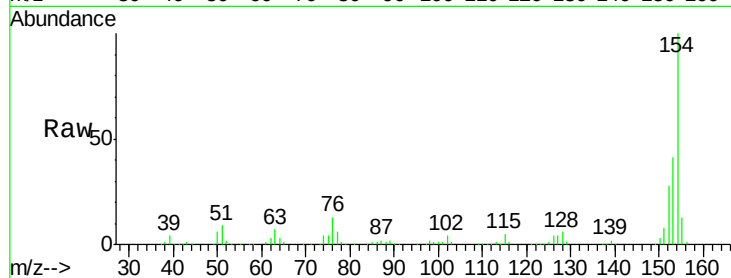




#45
 1,1'-Biphenyl
 Concen: 40.46 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

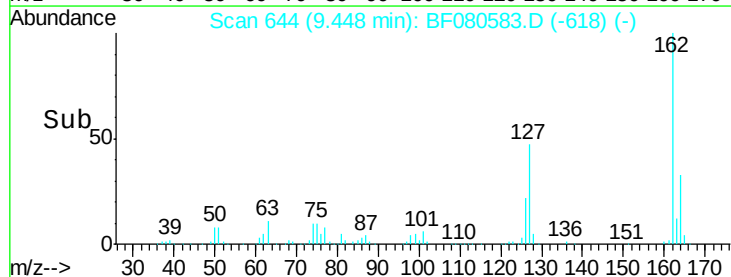
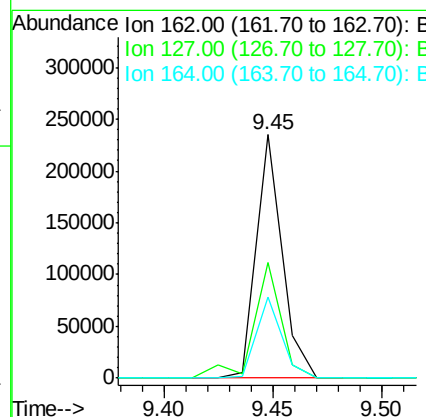
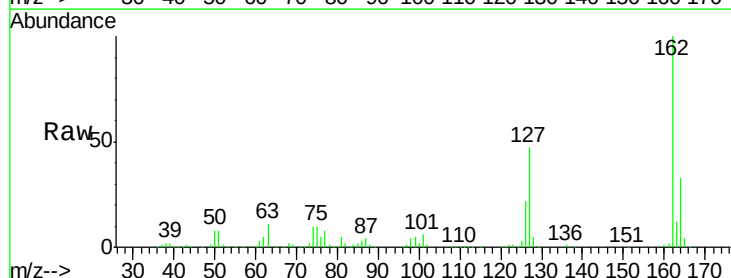
Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

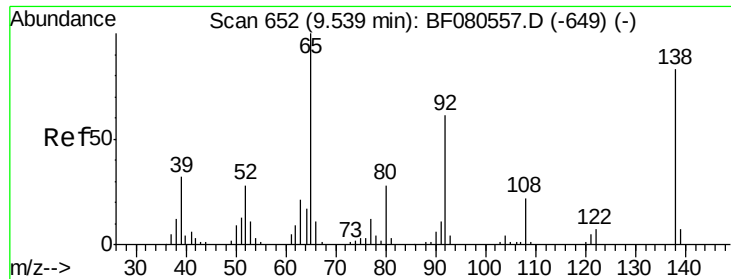
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.8	61.8
76	12.6	0.0	32.1



#46
 2-Chloronaphthalene
 Concen: 38.40 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.2	37.6	56.4
164	33.1	27.4	41.0

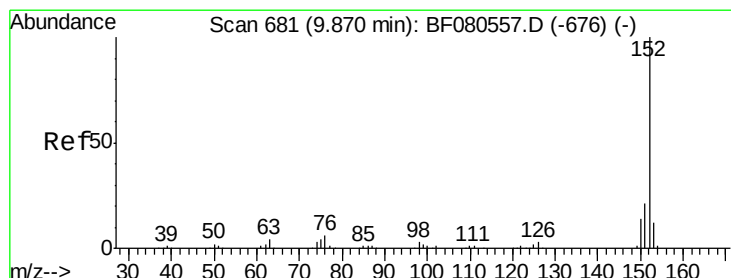
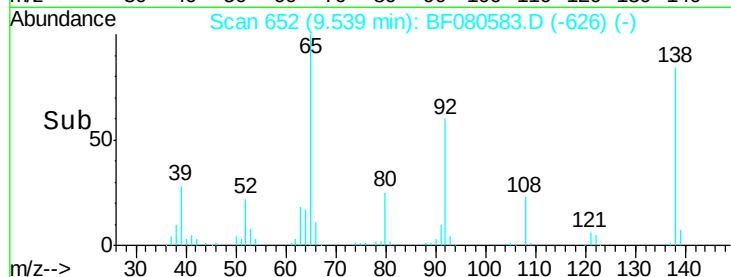
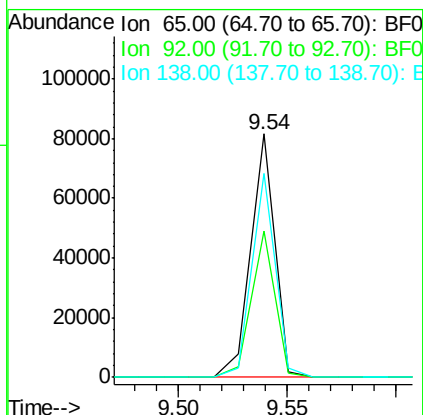
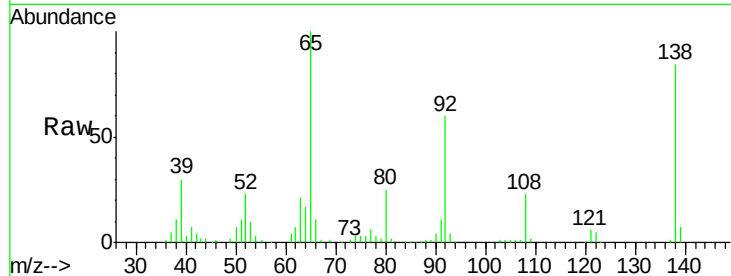




#47
 2-Nitroaniline
 Concen: 51.52 ng
 RT: 9.54 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

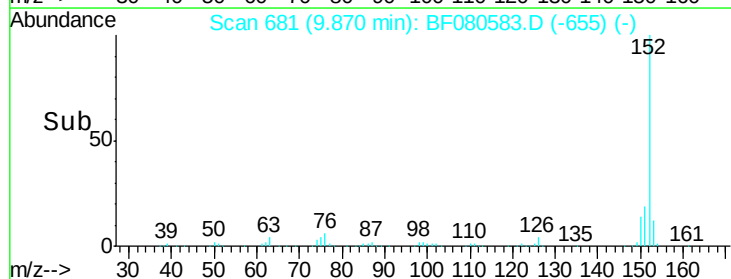
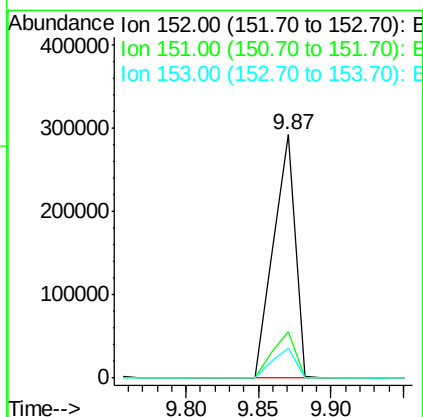
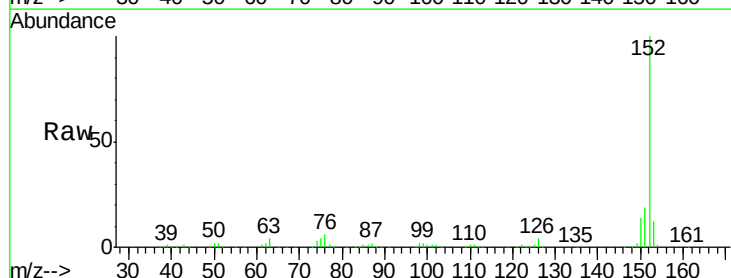
Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

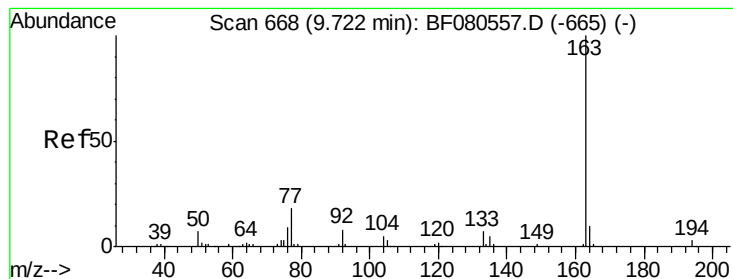
Tgt Ion: 65 Resp: 62420
 Ion Ratio Lower Upper
 65 100
 92 60.1 48.7 73.1
 138 83.9 66.8 100.2



#48
 Acenaphthylene
 Concen: 41.15 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion: 152 Resp: 303662
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.4 24.6
 153 12.1 9.7 14.5





#49

Dimethylphthalate

Concen: 47.23 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

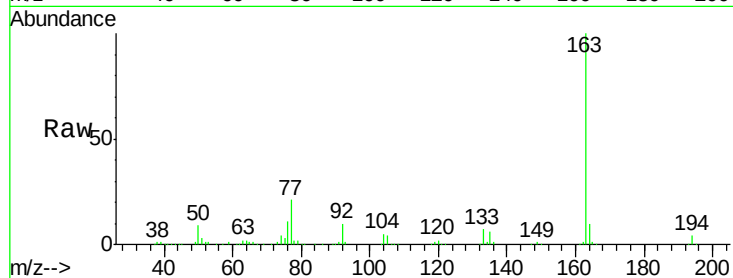
Tgt Ion:163 Resp: 251884

Ion Ratio Lower Upper

163 100

194 3.6 2.5 3.7

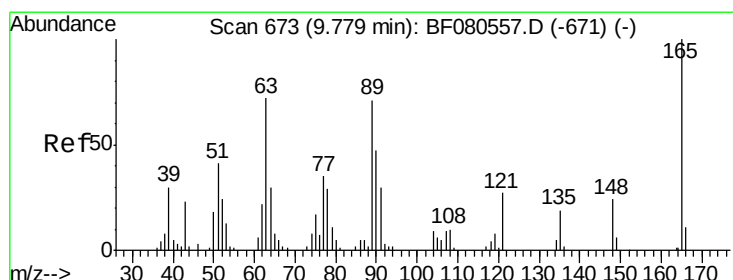
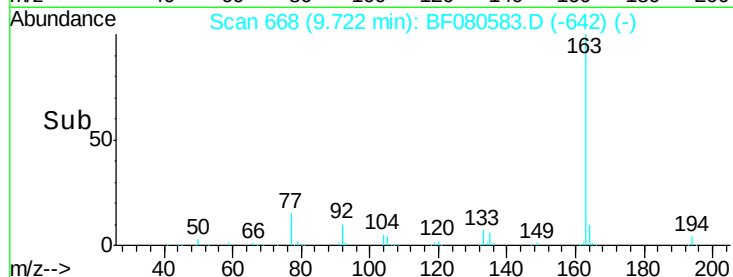
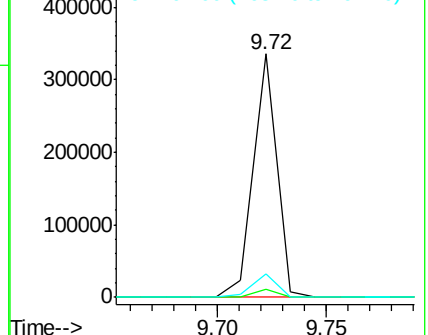
164 9.8 8.1 12.1



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: 48.97 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

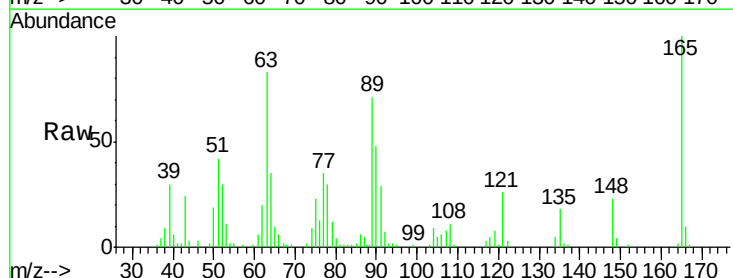
Tgt Ion:165 Resp: 43849

Ion Ratio Lower Upper

165 100

63 82.9 59.0 88.6

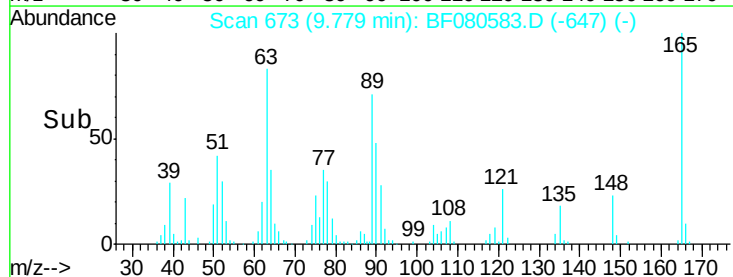
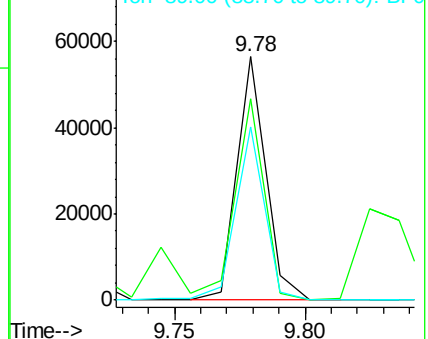
89 70.9 56.9 85.3

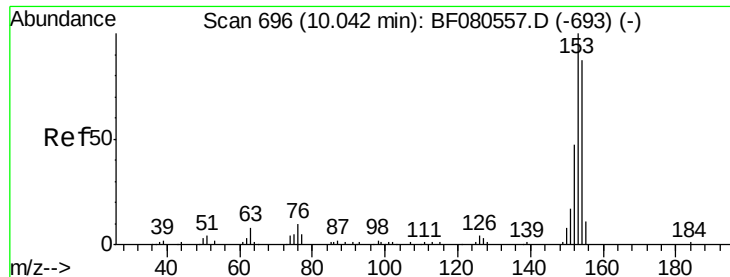


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.57 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

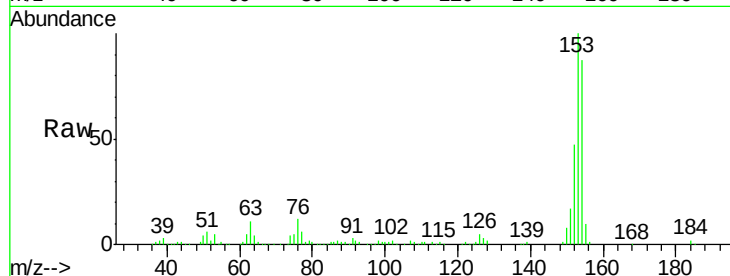
Tgt Ion:154 Resp: 193216

Ion Ratio Lower Upper

154 100

153 114.4 92.2 138.2

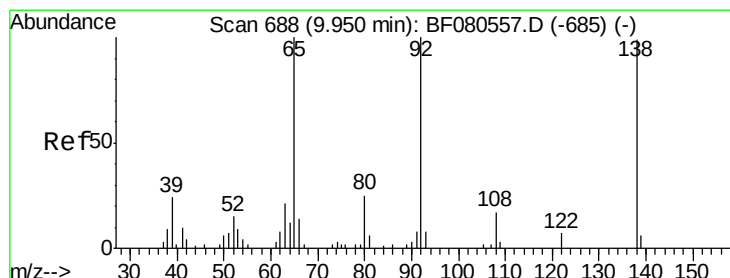
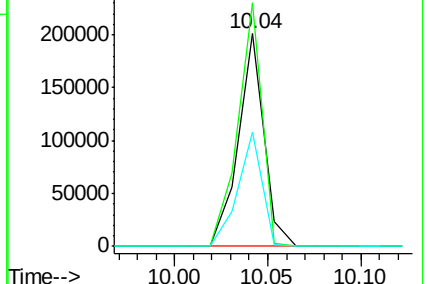
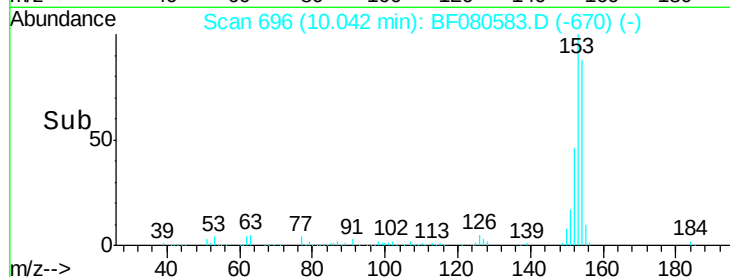
152 54.0 43.6 65.4



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: 33.91 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

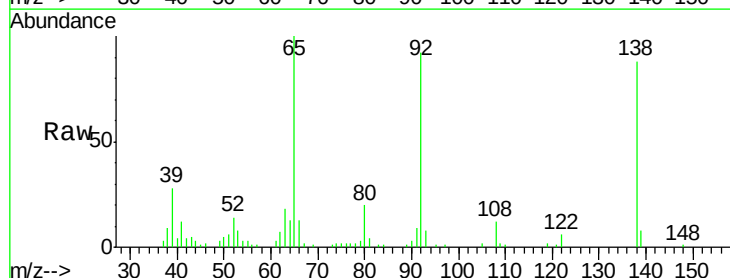
Tgt Ion:138 Resp: 27944

Ion Ratio Lower Upper

138 100

108 13.5 13.7 20.5#

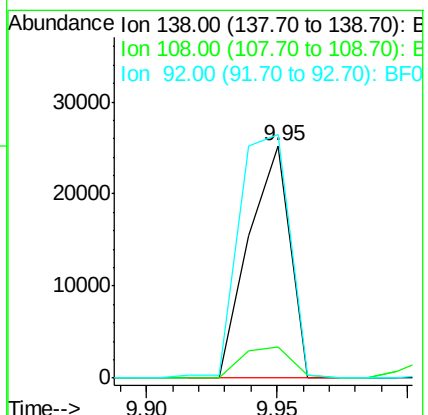
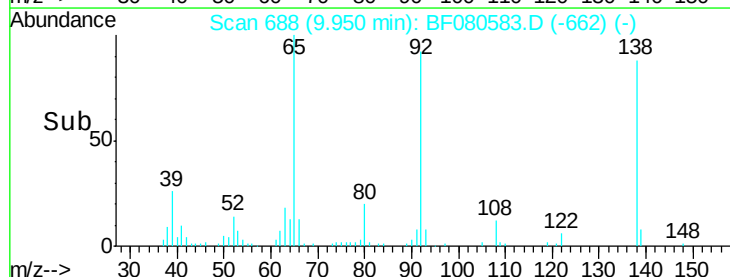
92 104.7 81.0 121.4

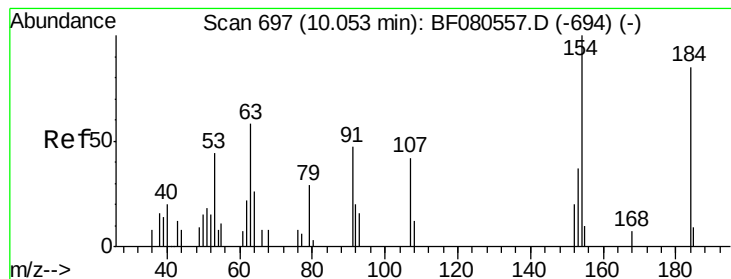


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 103.38 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampled :

MW-2MSD

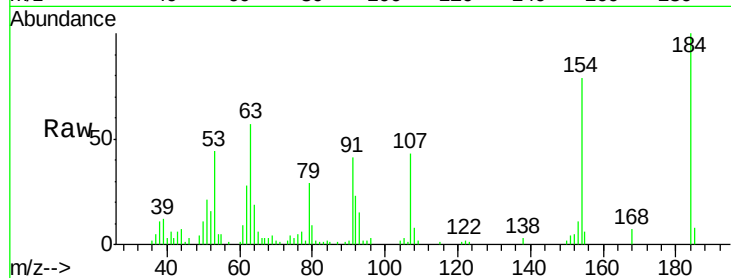
Tgt Ion:184 Resp: 24567

Ion Ratio Lower Upper

184 100

63 57.3 54.9 82.3

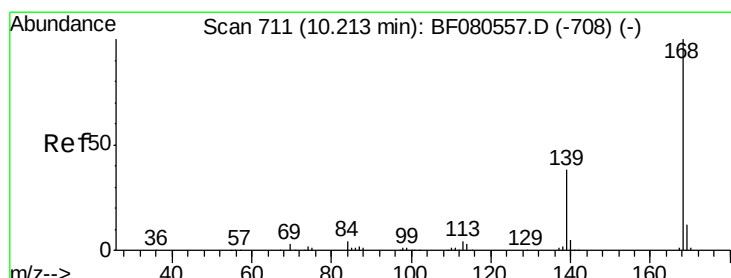
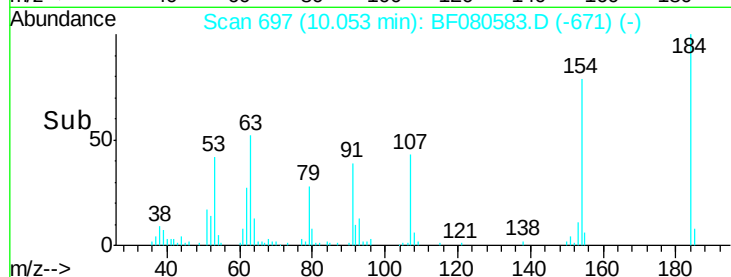
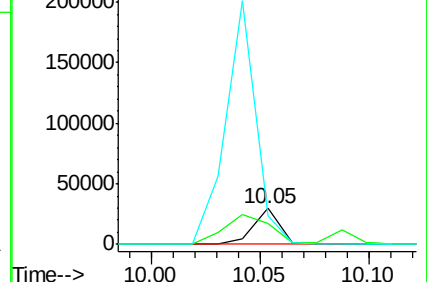
154 79.4 94.2 141.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.12 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

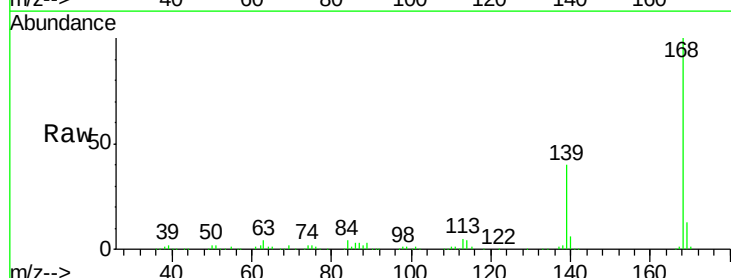
Tgt Ion:168 Resp: 274625

Ion Ratio Lower Upper

168 100

139 40.1 30.7 46.1

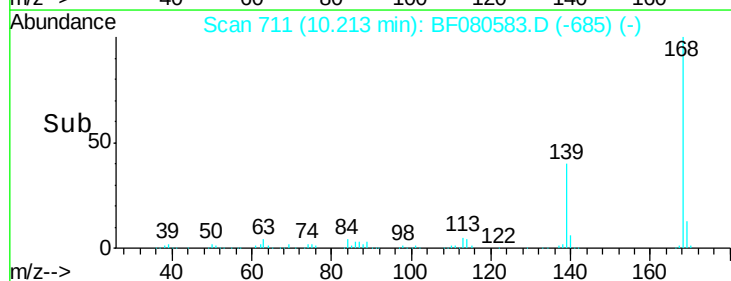
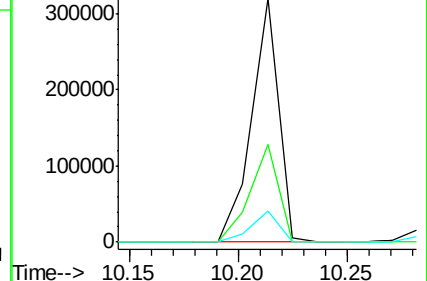
169 12.9 9.8 14.8

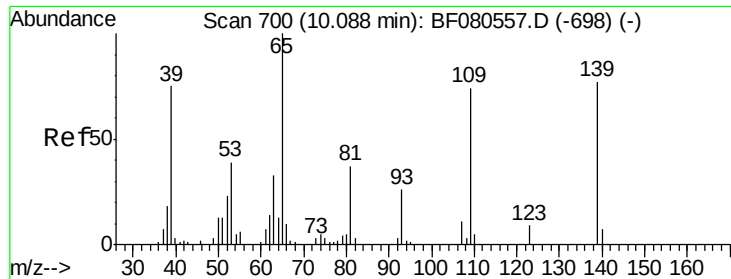


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

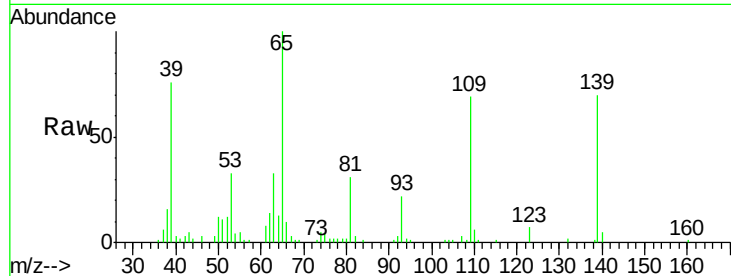




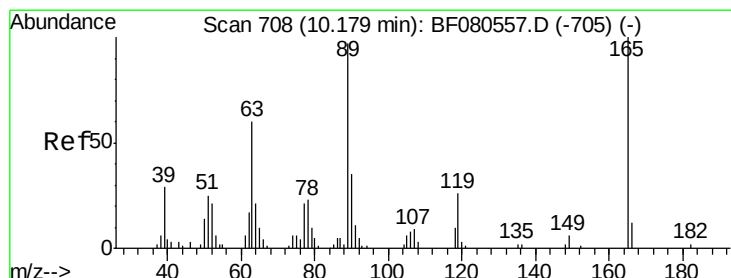
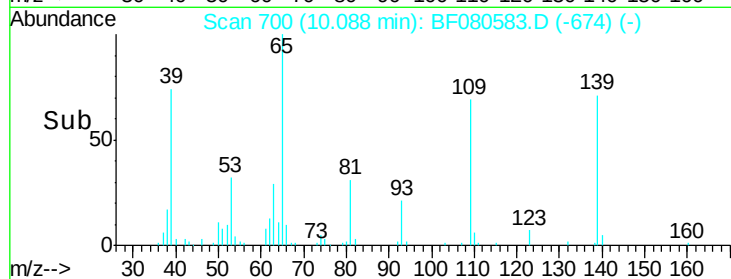
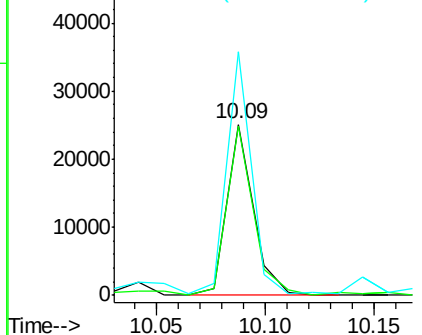
#55
4-Nitrophenol
Concen: 32.82 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion:139 Resp: 21270
Ion Ratio Lower Upper
139 100
109 98.8 75.9 115.9
65 142.3 109.4 149.4

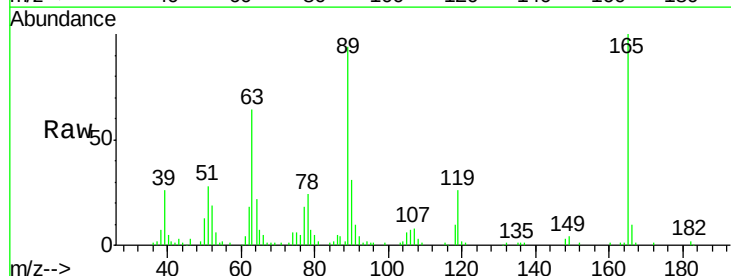


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

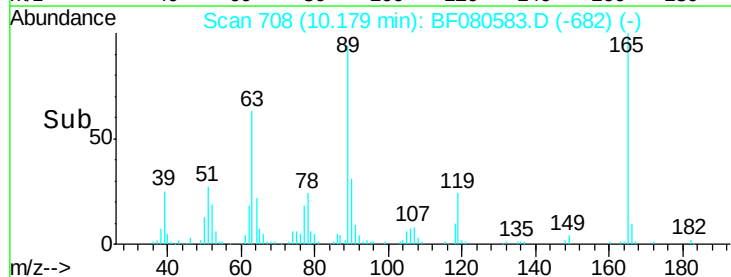
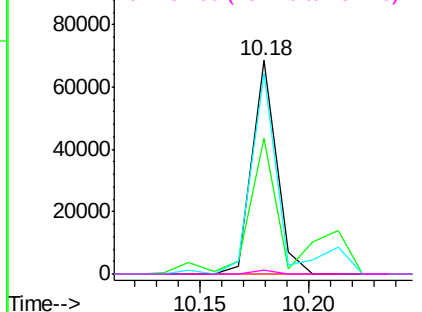


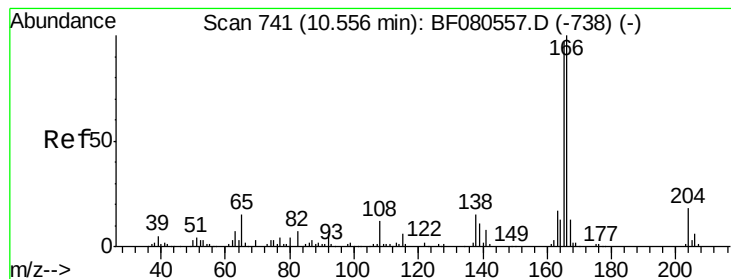
#56
2,4-Dinitrotoluene
Concen: 51.85 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:165 Resp: 53288
Ion Ratio Lower Upper
165 100
63 63.8 48.1 72.1
89 93.8 77.4 116.0
182 2.0 1.3 1.9#



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: 41.65 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

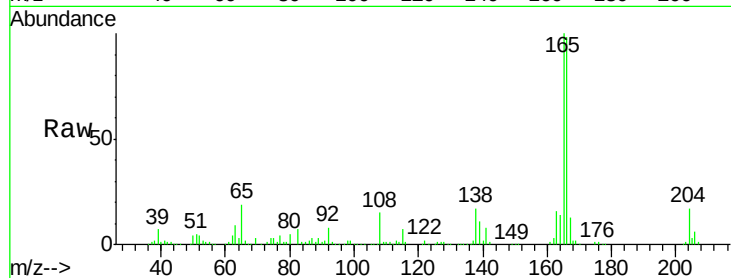
Tgt Ion:166 Resp: 211959

Ion Ratio Lower Upper

166 100

165 101.7 77.7 116.5

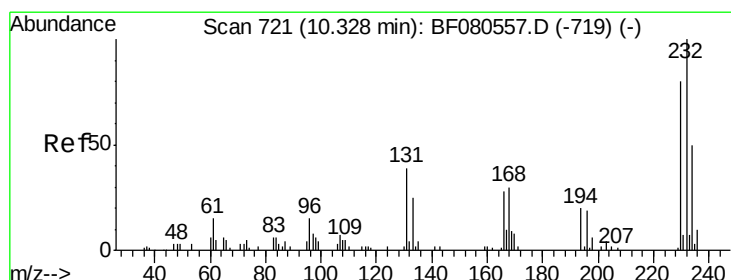
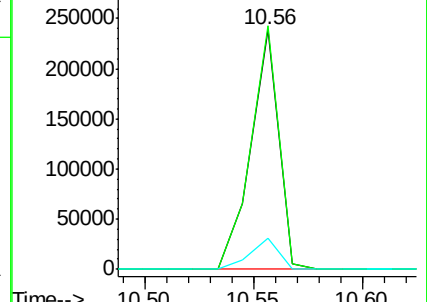
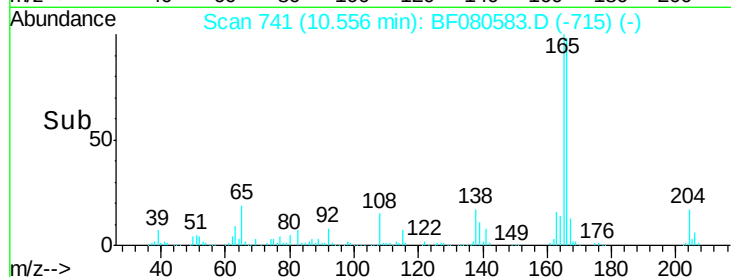
167 13.3 10.5 15.7



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: 42.02 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:232 Resp: 45834

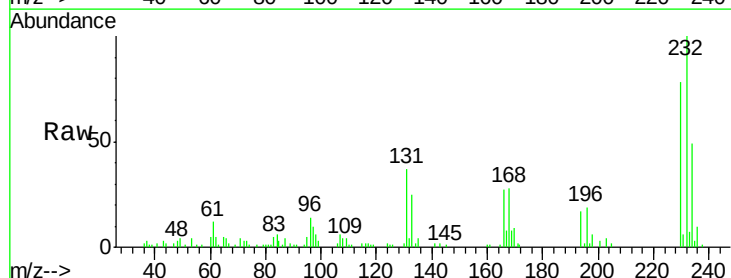
Ion Ratio Lower Upper

232 100

131 53.9 41.4 62.0

130 2.9 1.9 2.9

166 32.1 25.7 38.5

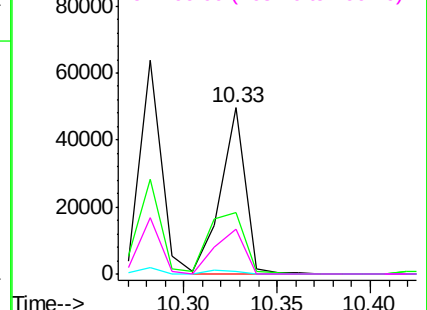
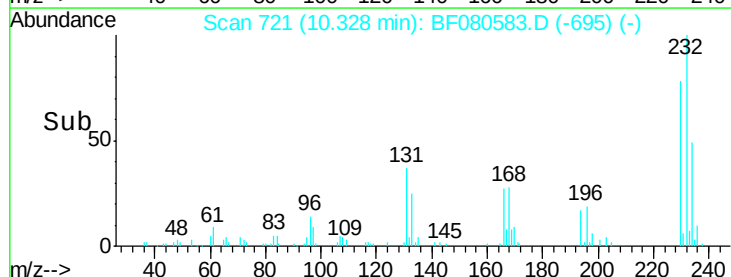


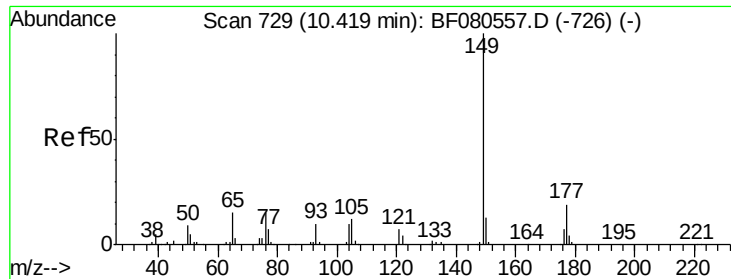
Abundance Ion 232.00 (231.70 to 232.70): E

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

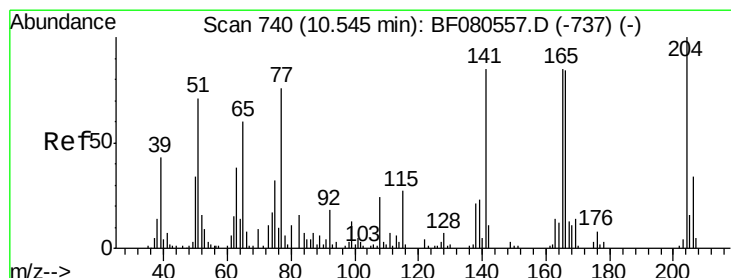
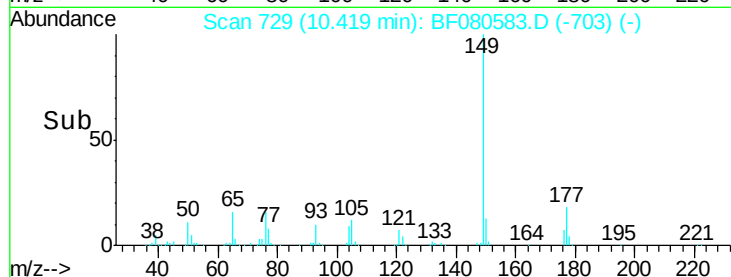
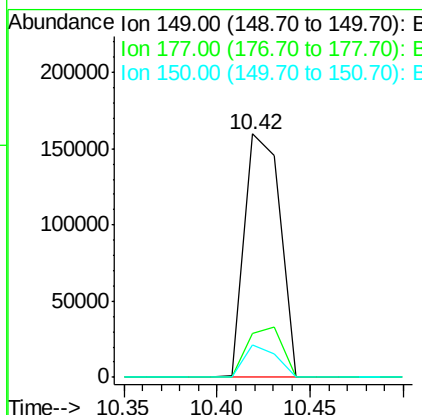
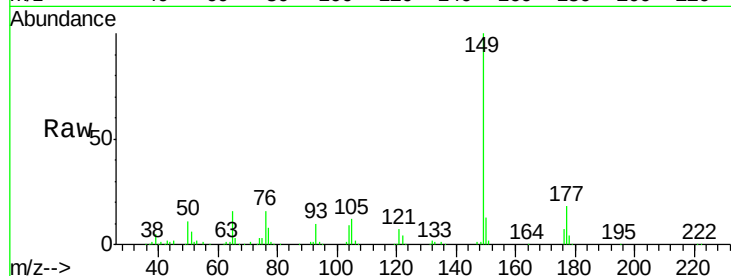




#59
Diethylphthalate
Concen: 42.71 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

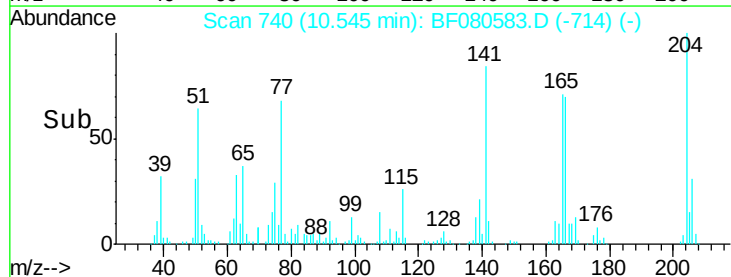
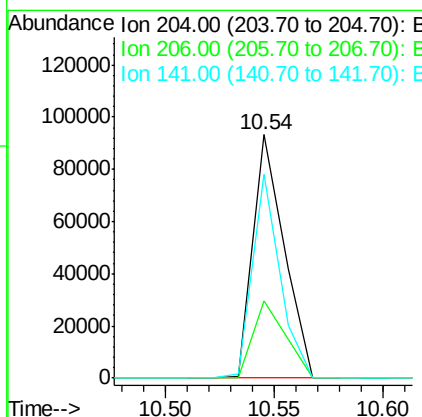
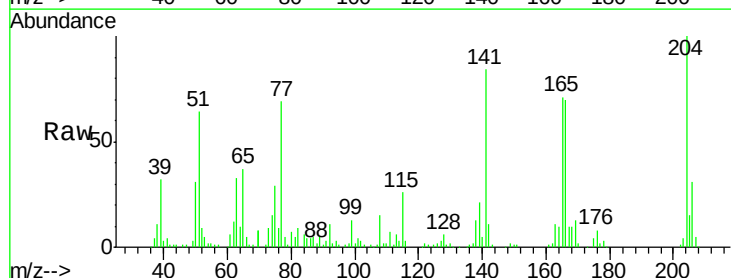
Instrument :
BNA_F
ClientSampleId :
MW-2MSD

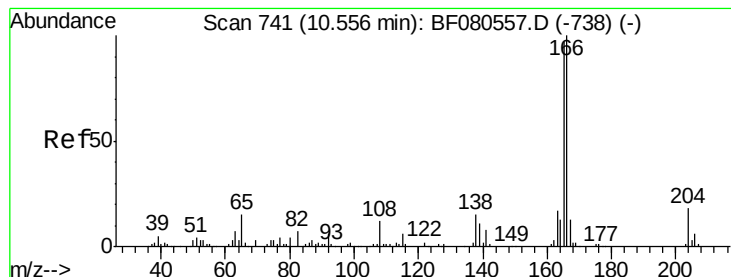
Tgt Ion:149 Resp: 210199
Ion Ratio Lower Upper
149 100
177 18.3 14.9 22.3
150 13.1 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.51 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:204 Resp: 93297
Ion Ratio Lower Upper
204 100
206 31.5 27.1 40.7
141 83.5 68.3 102.5





#61

4-Nitroaniline

Concen: 38.31 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

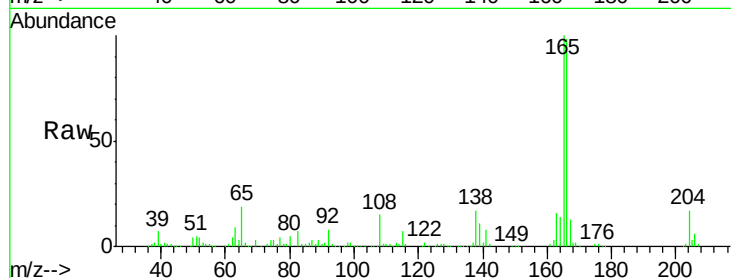
Tgt Ion:138 Resp: 36614

Ion Ratio Lower Upper

138 100

92 48.5 22.6 62.6

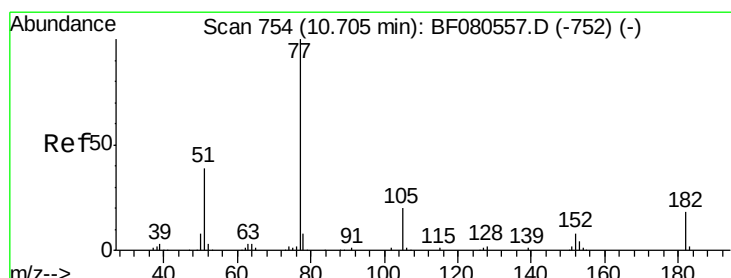
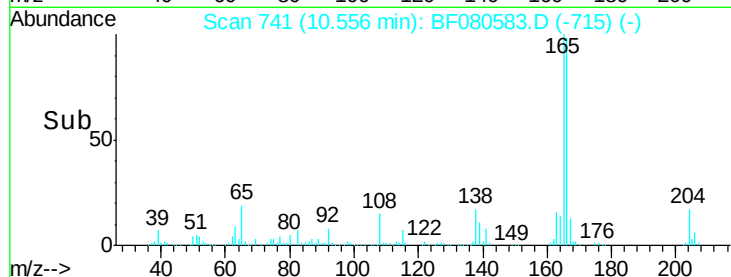
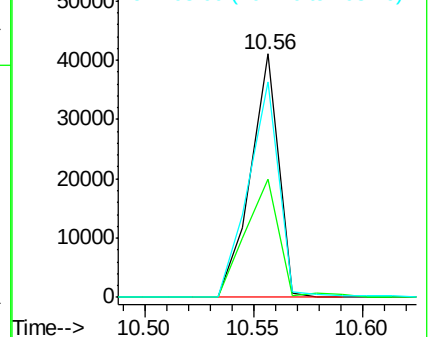
108 88.4 62.0 102.0



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: 43.34 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion: 77 Resp: 234927

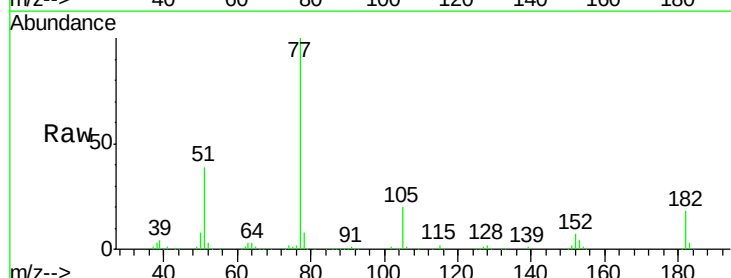
Ion Ratio Lower Upper

77 100

182 17.9 0.0 37.8

105 20.1 0.1 40.1

51 39.1 18.8 58.8

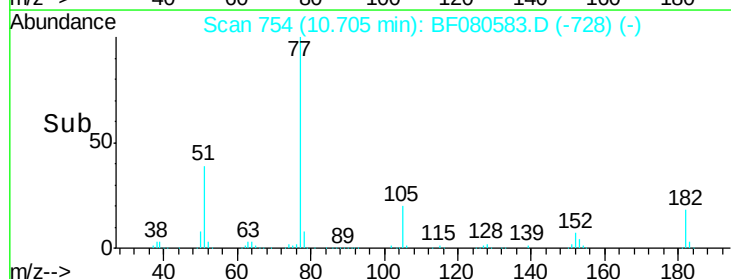
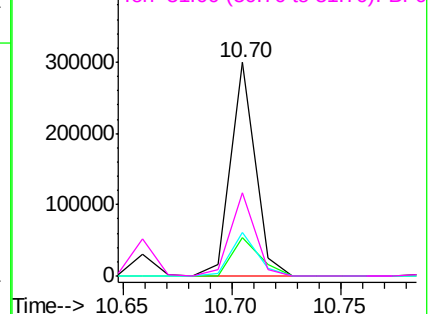


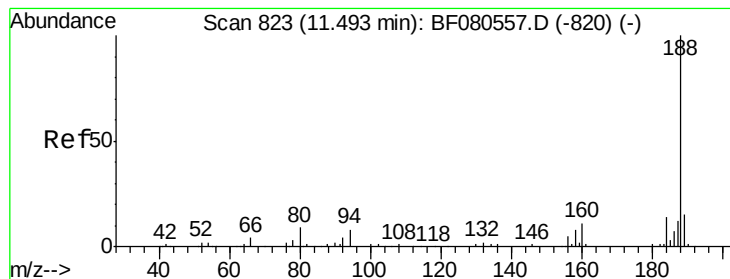
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

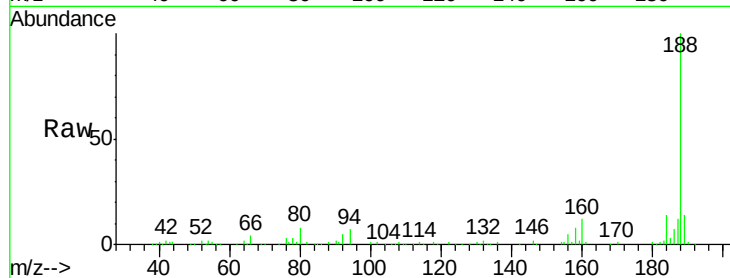
Tgt Ion:188 Resp: 124972

Ion Ratio Lower Upper

188 100

94 7.3 6.1 9.1

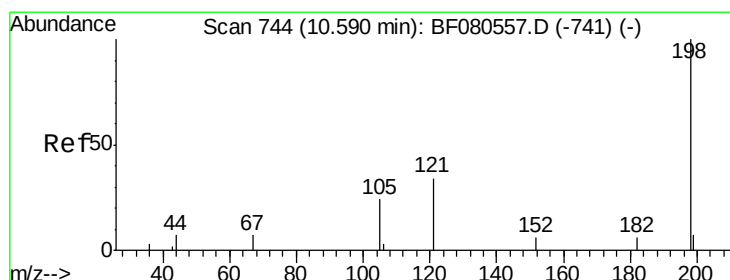
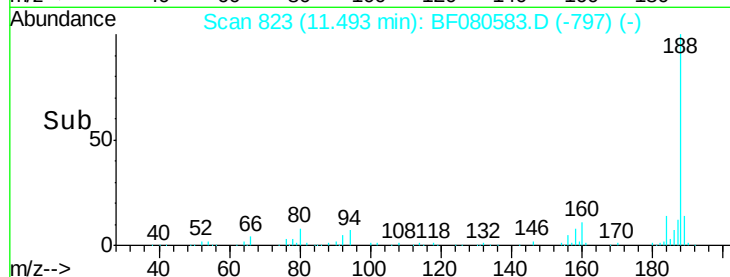
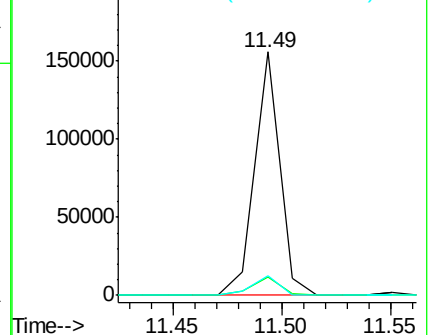
80 8.1 7.0 10.6



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: 62.07 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

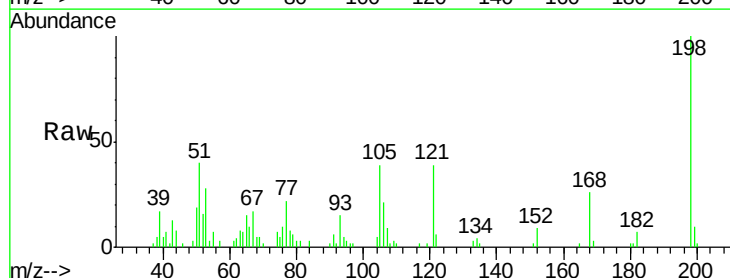
Tgt Ion:198 Resp: 16721

Ion Ratio Lower Upper

198 100

51 40.0 32.0 72.0

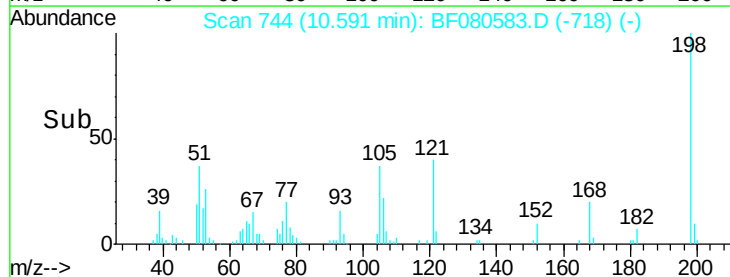
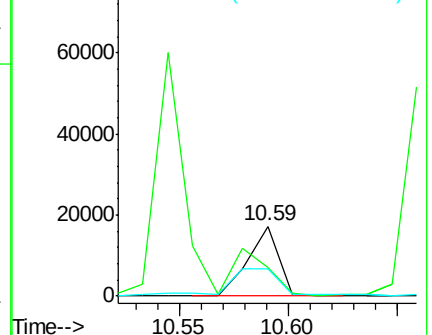
105 39.1 16.3 56.3

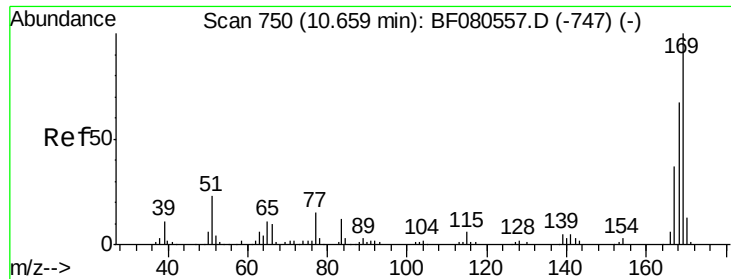


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

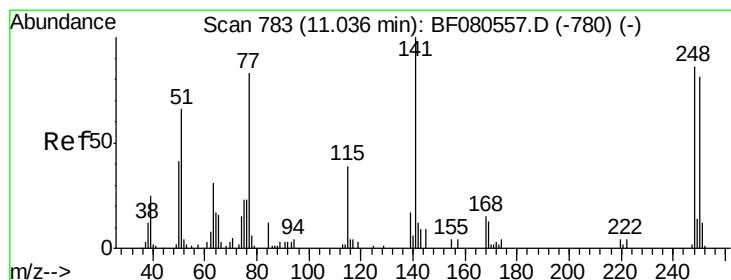
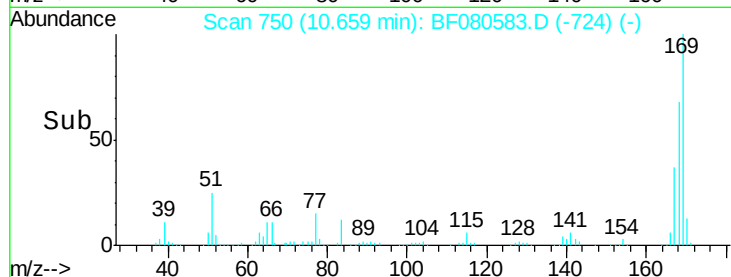
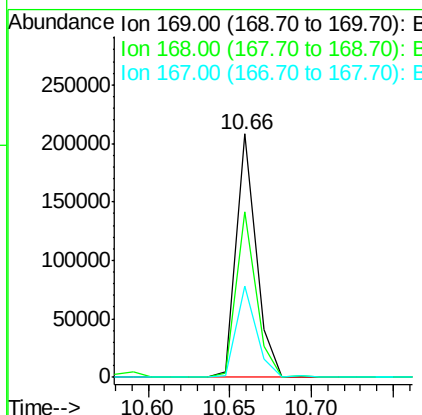
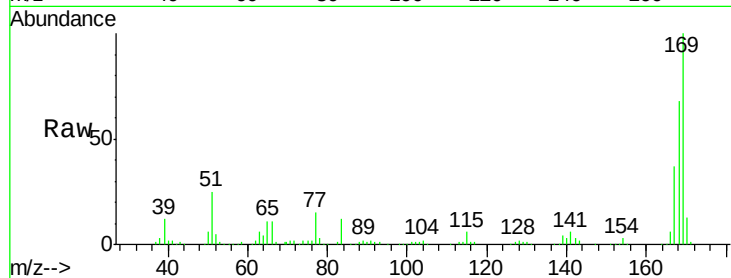




#65
 n-Nitrosodiphenylamine
 Concen: 42.26 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

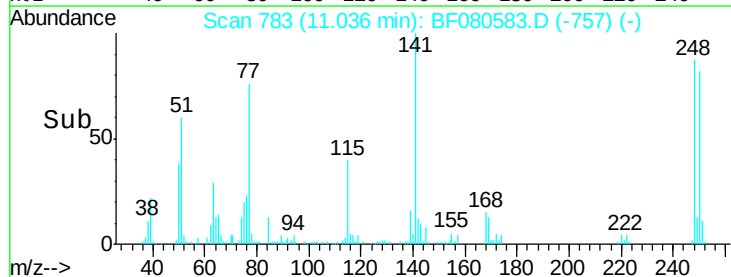
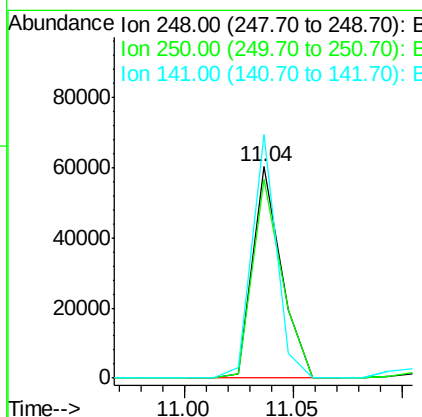
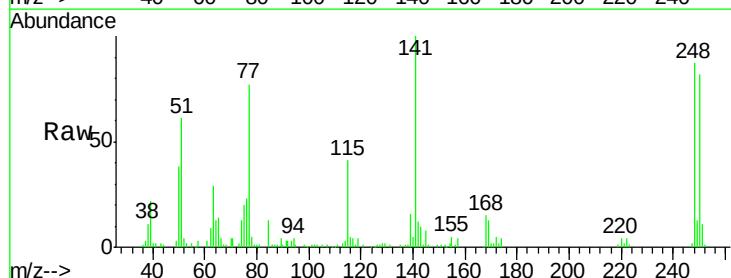
Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

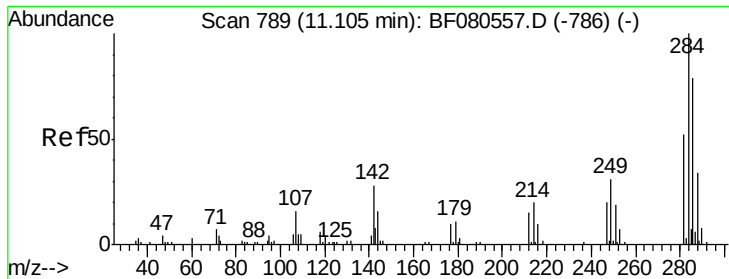
Tgt Ion:169 Resp: 174128
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.3 79.9
 167 37.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.18 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:248 Resp: 55548
 Ion Ratio Lower Upper
 248 100
 250 94.1 75.4 113.2
 141 115.1 93.4 140.0

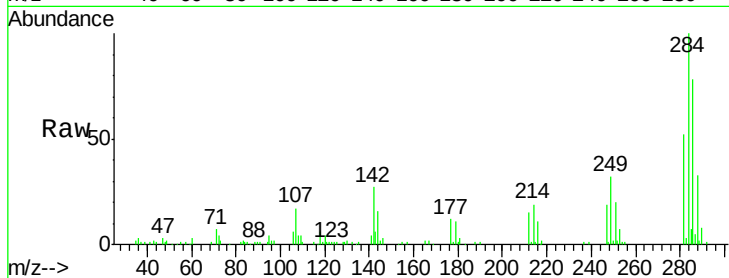




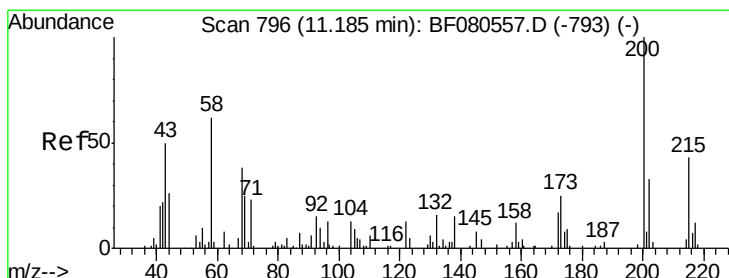
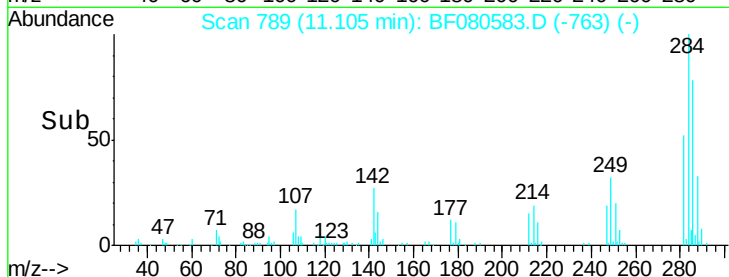
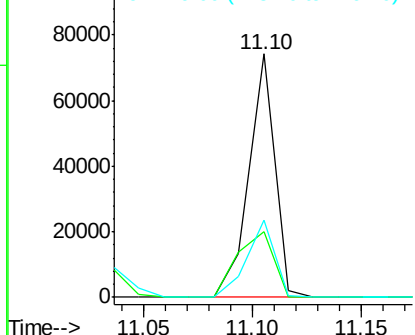
#67
Hexachlorobenzene
Concen: 45.14 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion: 284 Resp: 61665
Ion Ratio Lower Upper
284 100
142 26.8 22.4 33.6
249 31.6 25.0 37.4

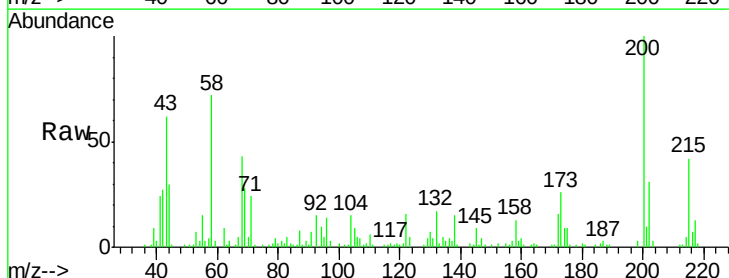


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

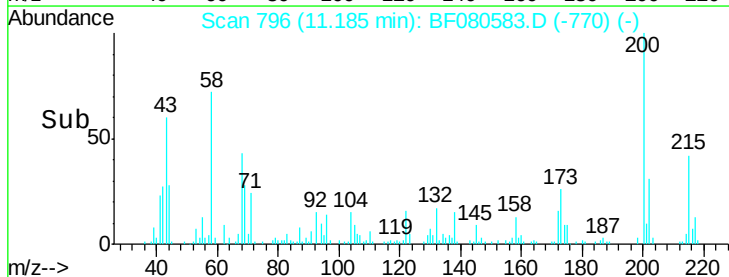
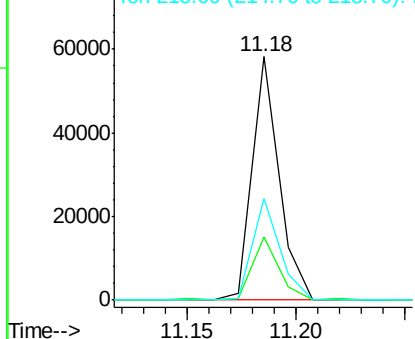


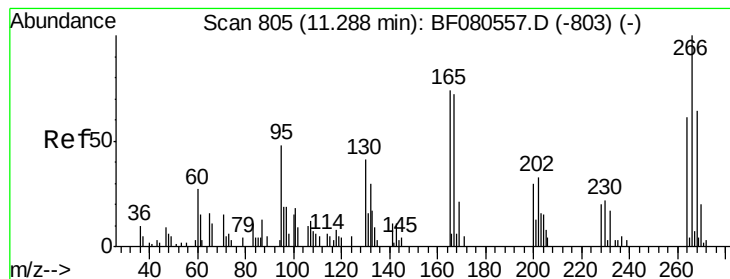
#68
Atrazine
Concen: 45.01 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion: 200 Resp: 49752
Ion Ratio Lower Upper
200 100
173 26.1 4.6 44.6
215 41.6 22.9 62.9



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: 108.30 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

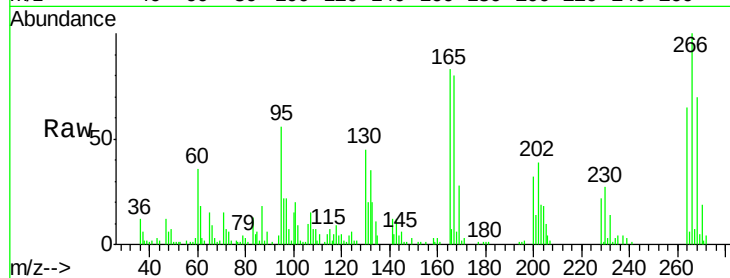
Tgt Ion:266 Resp: 58746

Ion Ratio Lower Upper

266 100

268 70.0 51.5 77.3

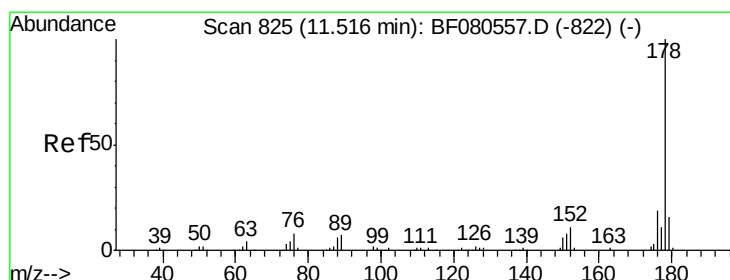
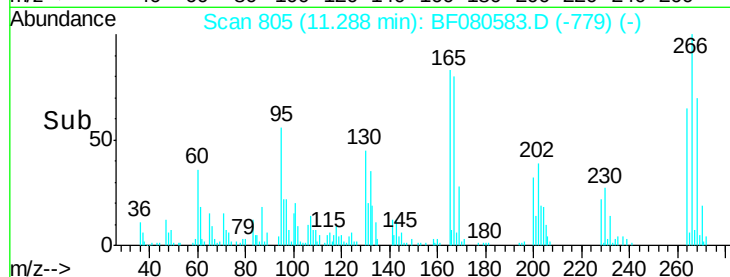
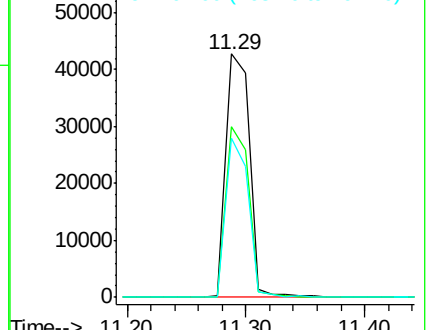
264 65.2 48.8 73.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.46 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

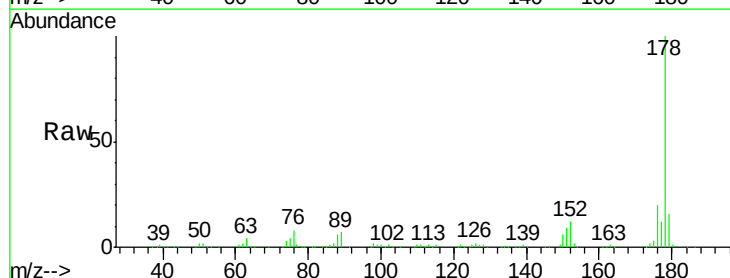
Tgt Ion:178 Resp: 286976

Ion Ratio Lower Upper

178 100

176 19.9 15.2 22.8

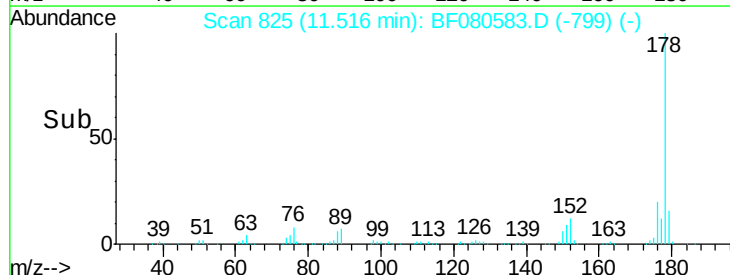
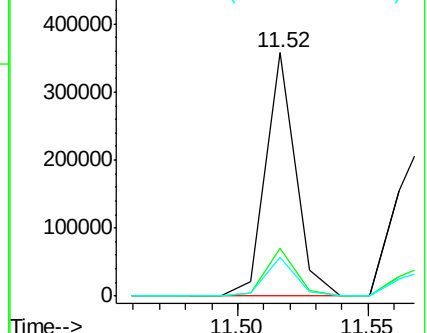
179 16.0 12.5 18.7

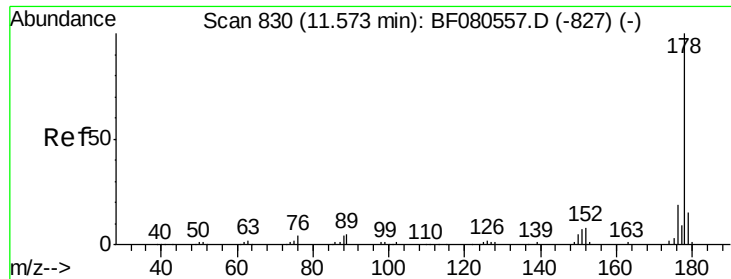


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

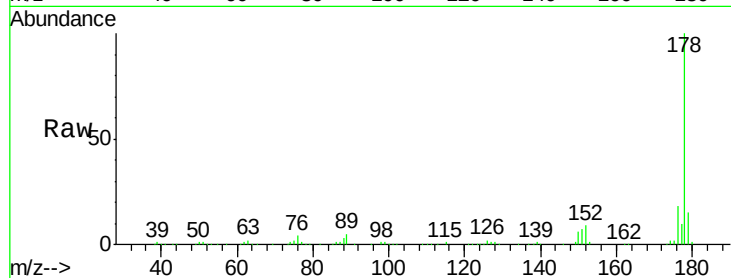




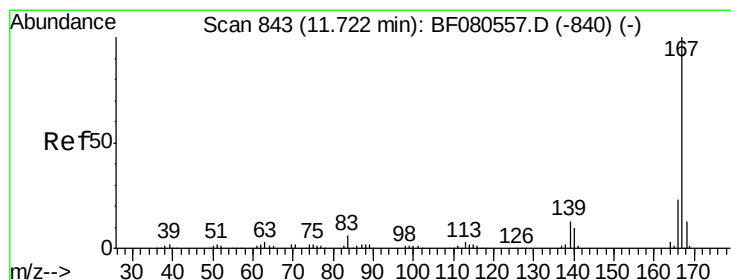
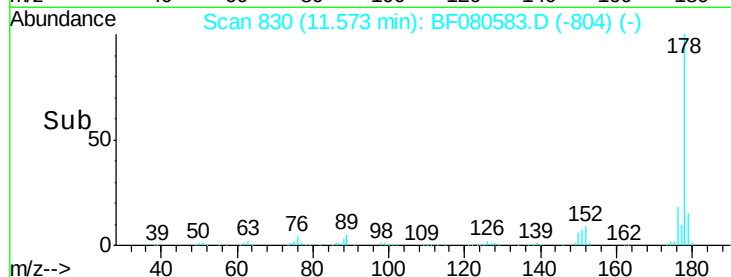
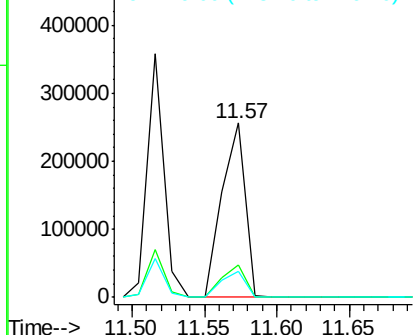
#71
 Anthracene
 Concen: 43.47 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:178 Resp: 285398
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 15.1 12.0 18.0

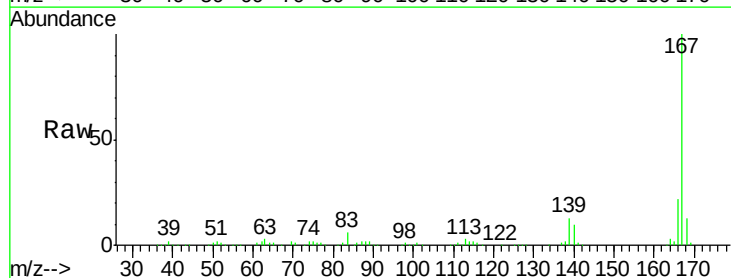


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

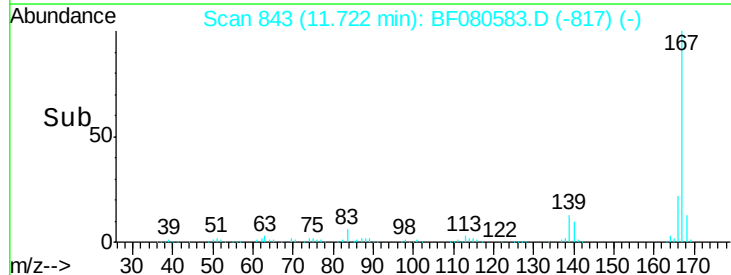
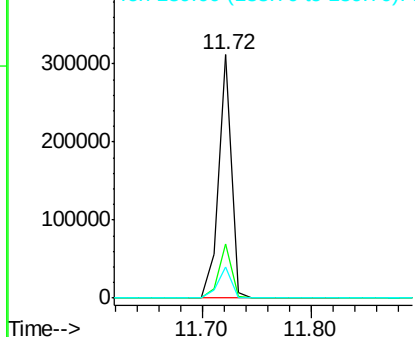


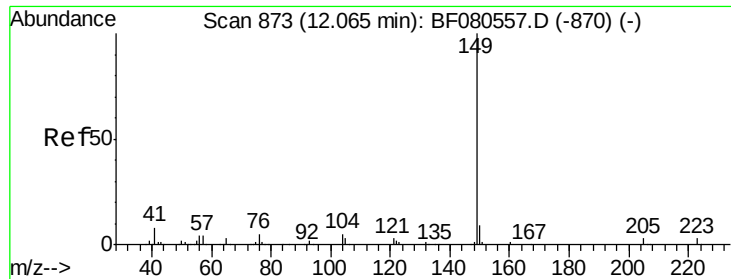
#72
 Carbazole
 Concen: 43.58 ng
 RT: 11.72 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:167 Resp: 259143
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 12.7 10.7 16.1



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

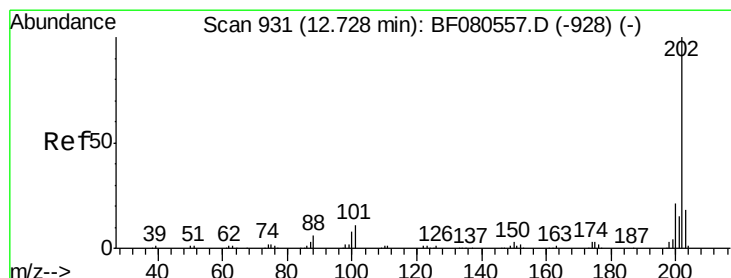
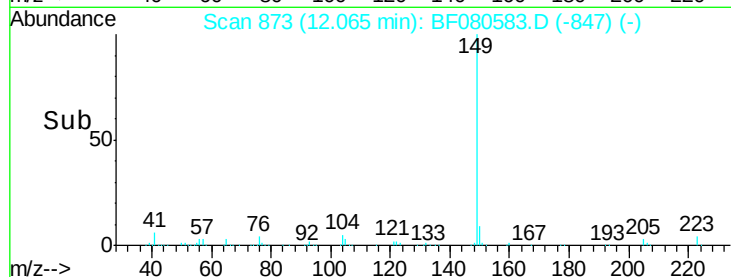
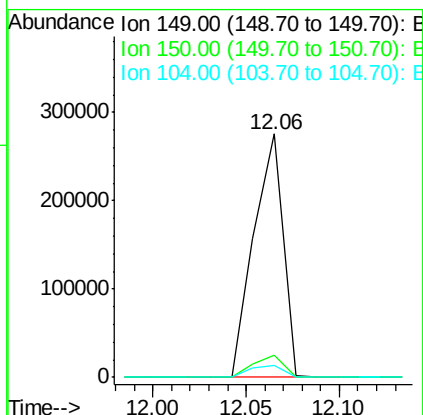
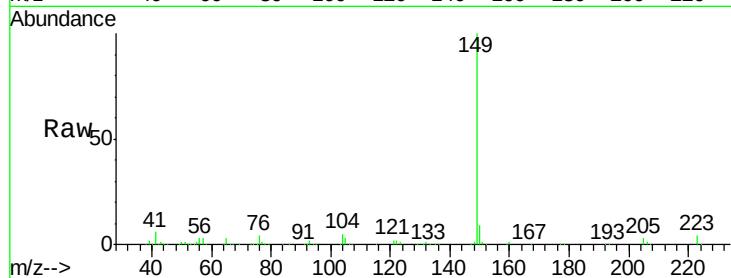




#73
Di-n-butylphthalate
Concen: 42.99 ng
RT: 12.06 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

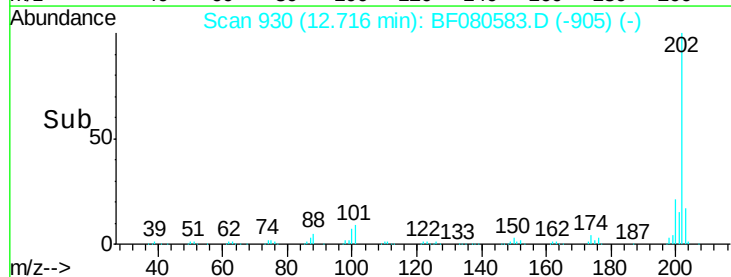
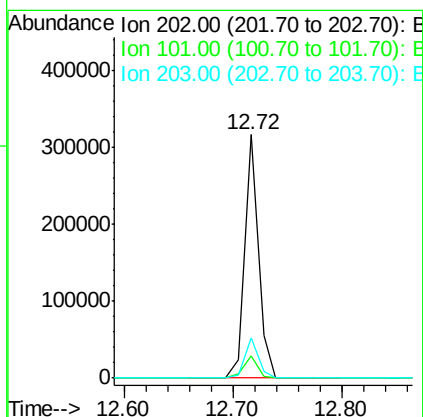
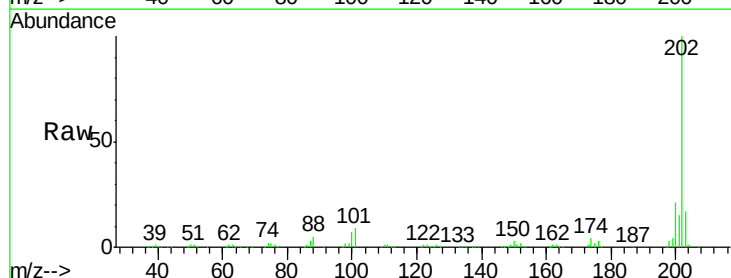
Instrument :
BNA_F
ClientSampleId :
MW-2MSD

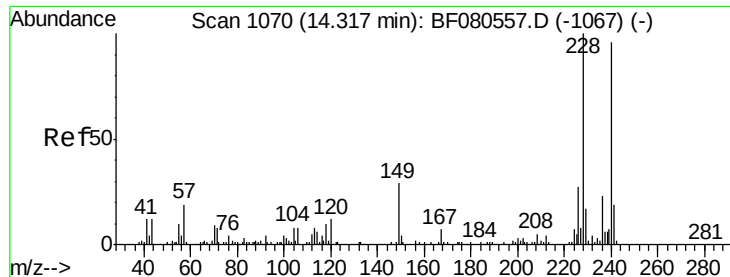
Tgt Ion:149 Resp: 298078
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 42.44 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:202 Resp: 272382
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.1
203 16.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.06 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

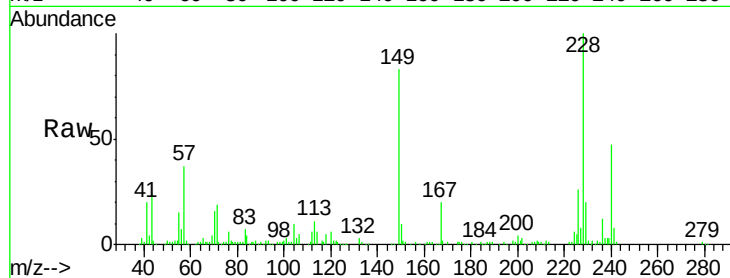
Tgt Ion:240 Resp: 84679

Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

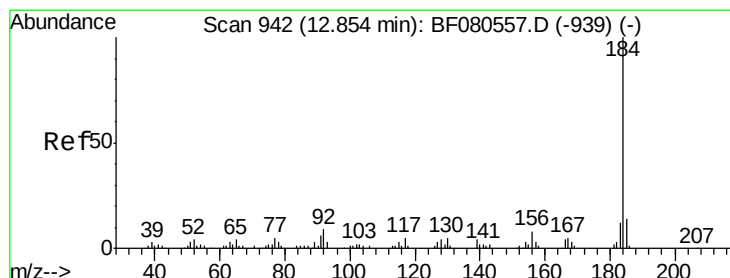
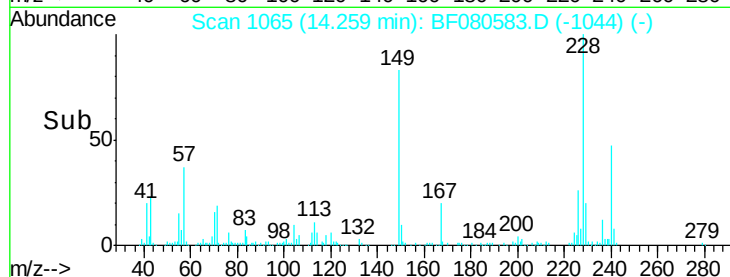
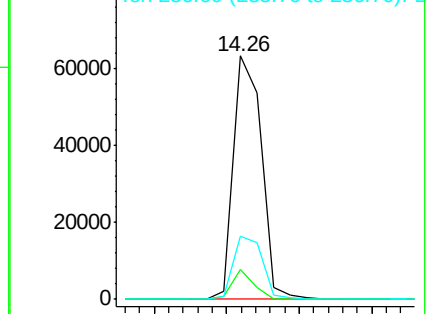
236 26.1 19.1 28.7



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: 9.87 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

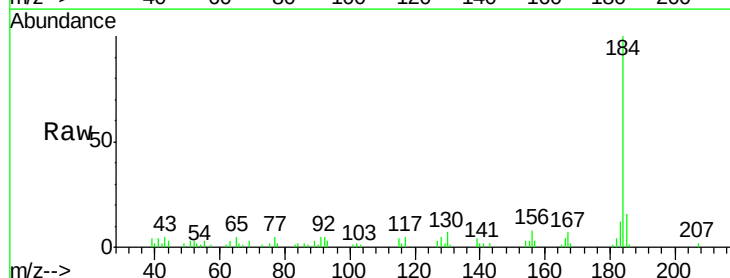
Tgt Ion:184 Resp: 24861

Ion Ratio Lower Upper

184 100

185 15.7 11.2 16.8

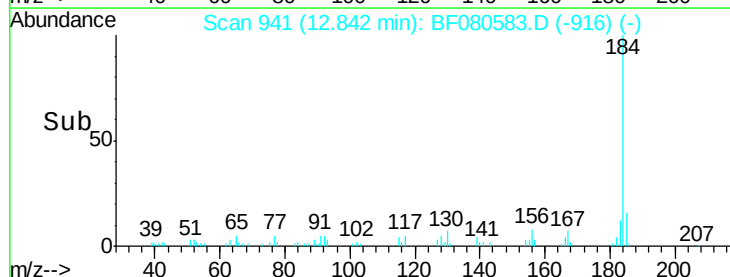
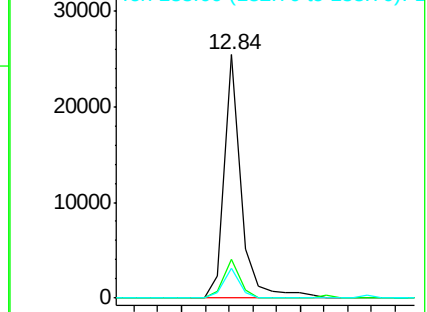
183 12.3 9.6 14.4

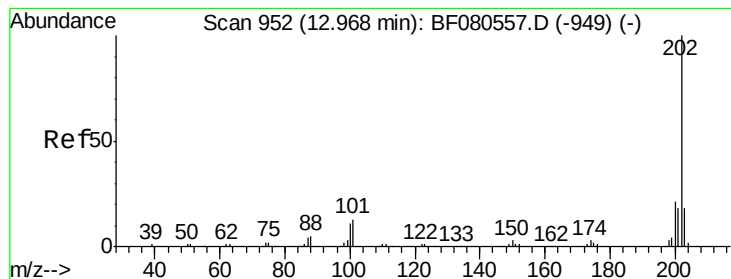


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

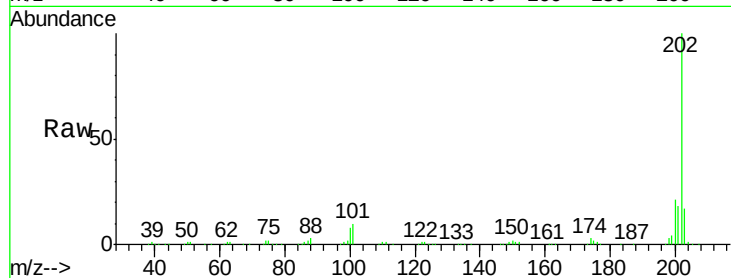
Tgt Ion: 202 Resp: 275657

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

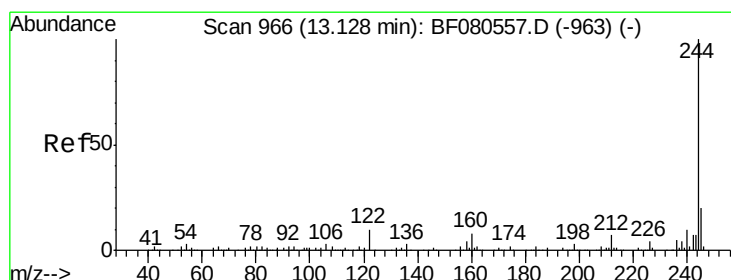
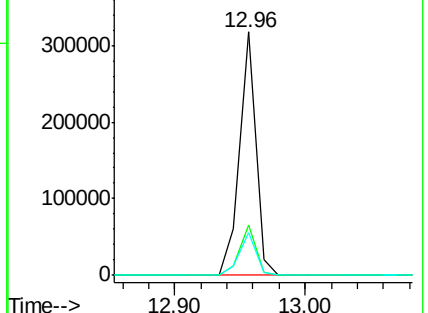
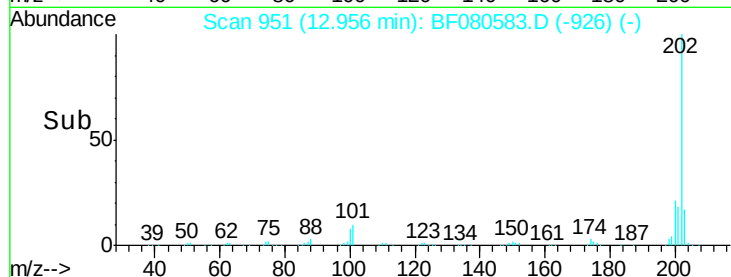
203 17.3 14.5 21.7



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: 80.41 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

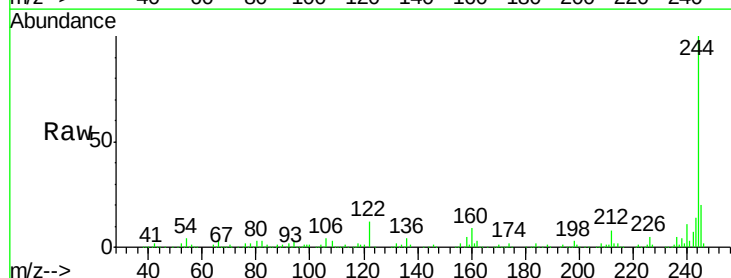
Tgt Ion: 244 Resp: 332062

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

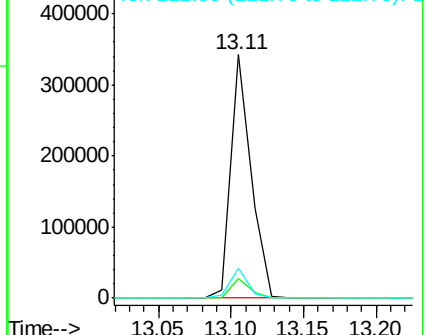
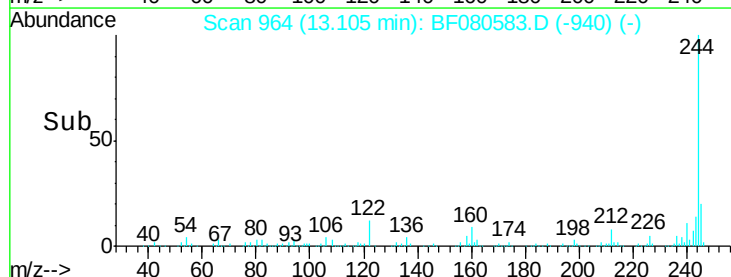
122 12.4 8.2 12.2#

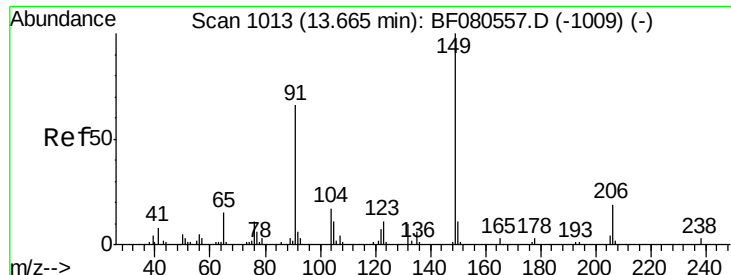


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

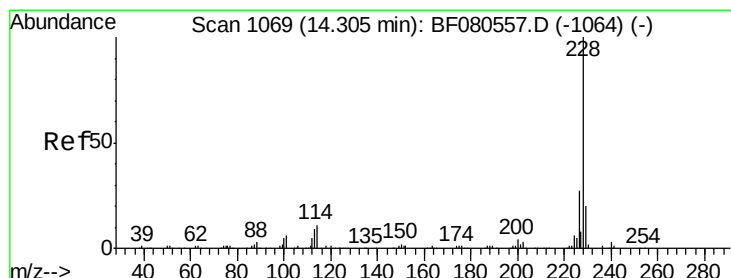
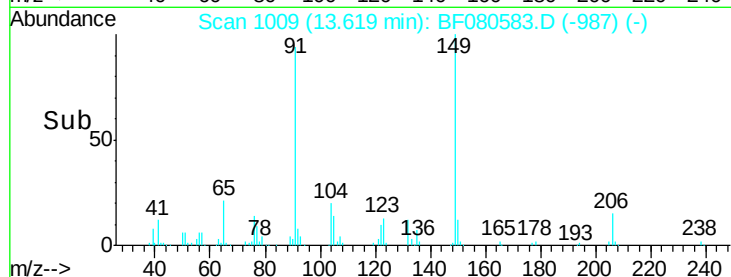
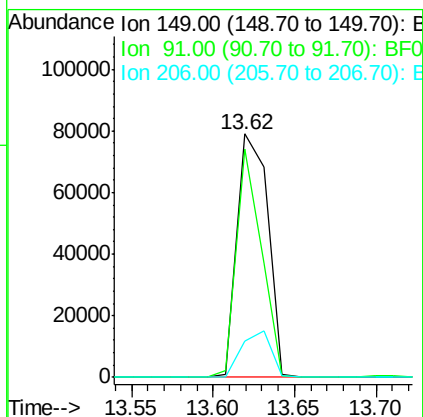
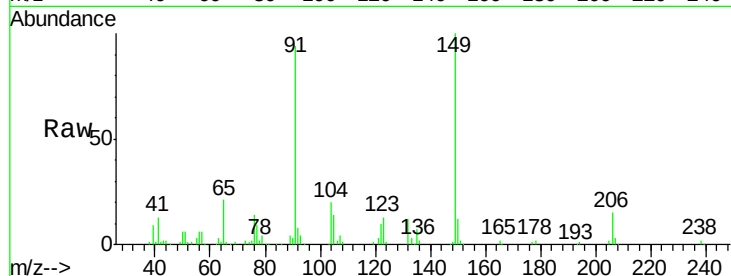




#79
Butylbenzylphthalate
Concen: 53.83 ng
RT: 13.62 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

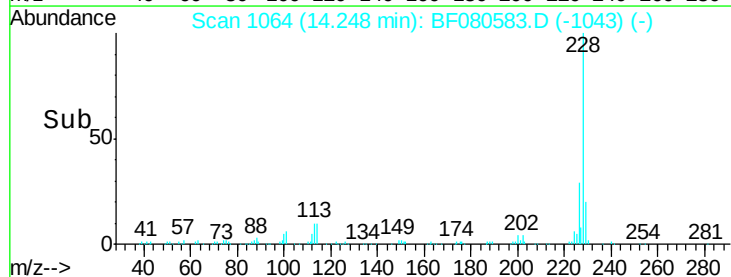
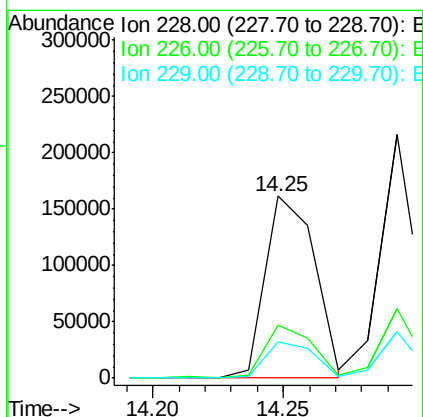
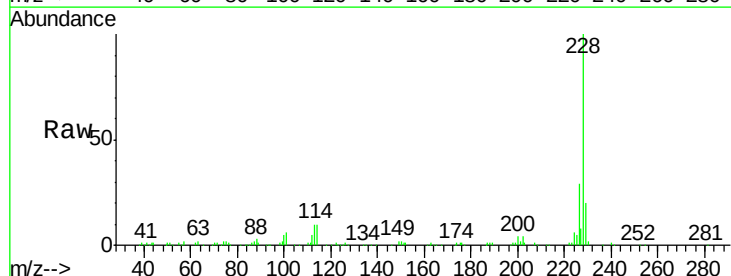
Instrument :
BNA_F
ClientSampled :
MW-2MSD

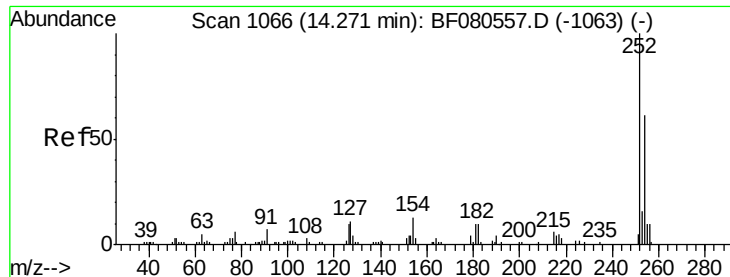
Tgt Ion:149 Resp: 102594
Ion Ratio Lower Upper
149 100
91 93.9 53.0 79.6#
206 14.8 15.0 22.6#



#80
Benzo(a)anthracene
Concen: 44.38 ng
RT: 14.25 min Scan# 1064
Delta R.T. -0.06 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:228 Resp: 213576
Ion Ratio Lower Upper
228 100
226 28.9 22.0 33.0
229 20.1 15.7 23.5

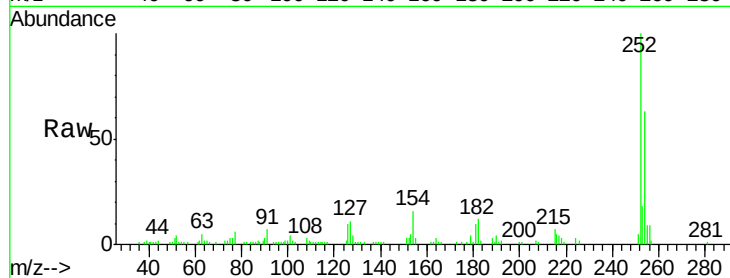




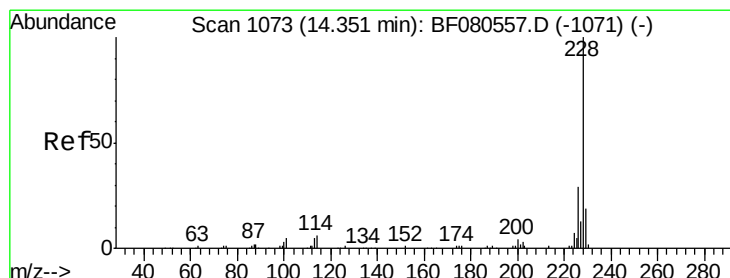
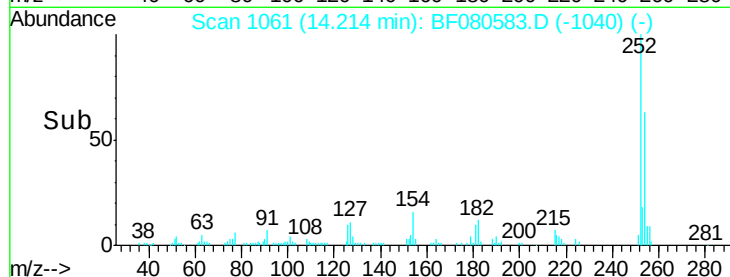
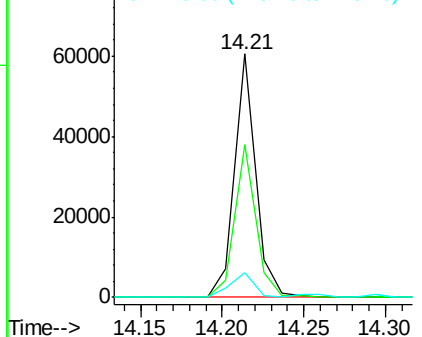
#81
 3,3'-Dichlorobenzidine
 Concen: 37.16 ng
 RT: 14.21 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:252 Resp: 53801
 Ion Ratio Lower Upper
 252 100
 254 63.0 49.2 73.8
 126 10.2 8.1 12.1

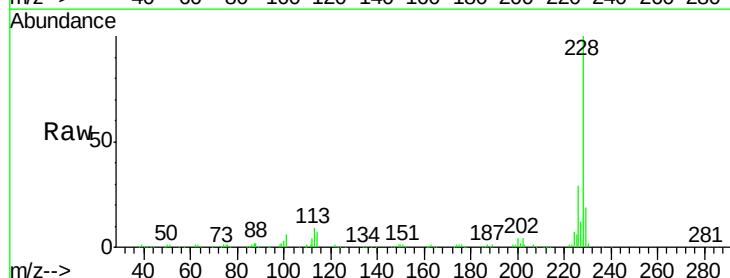


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

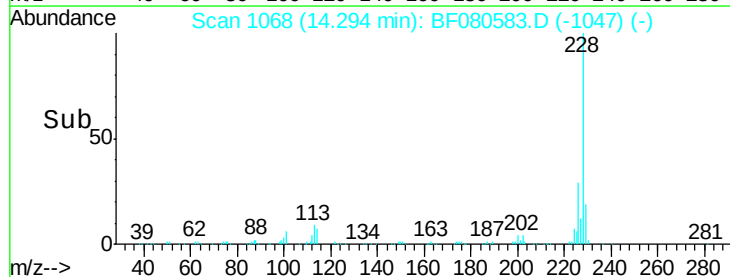
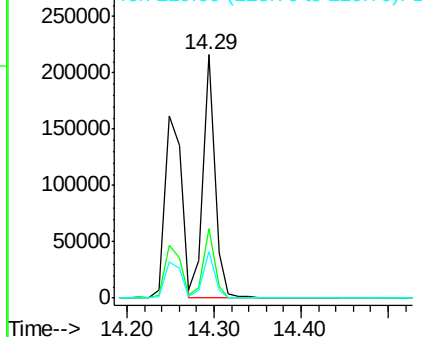


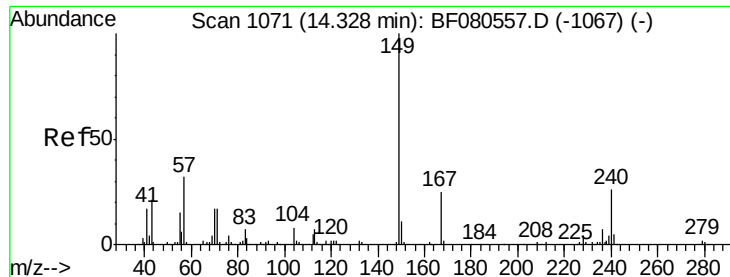
#82
 Chrysene
 Concen: 42.77 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. -0.06 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:228 Resp: 205682
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.0 34.6
 229 19.0 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.80 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.07 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

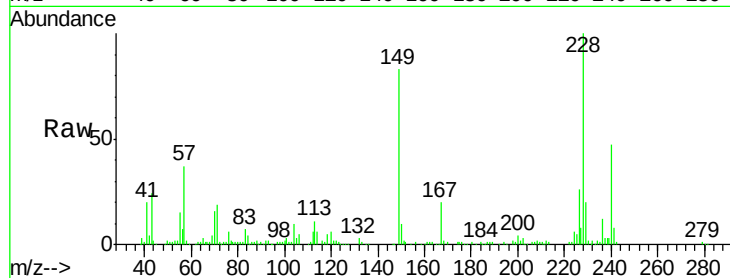
Tgt Ion:149 Resp: 148705

Ion Ratio Lower Upper

149 100

167 24.2 20.2 30.2

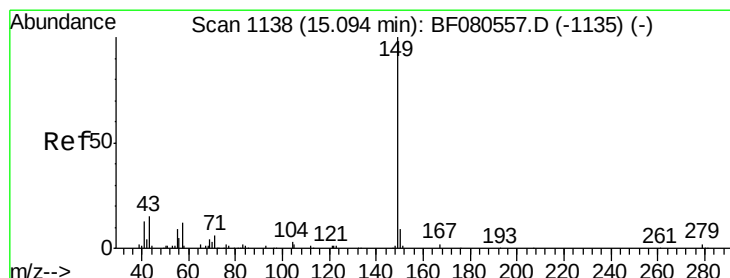
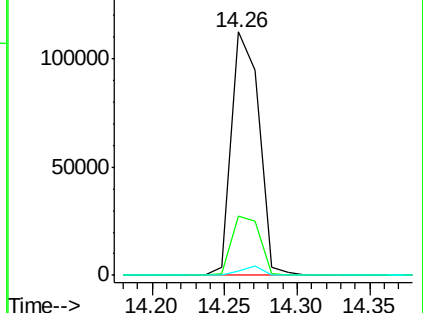
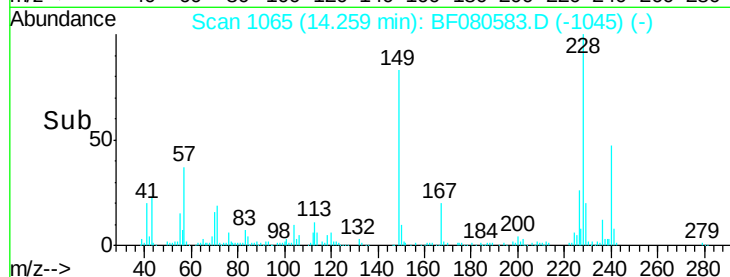
279 1.6 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.52 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.09 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

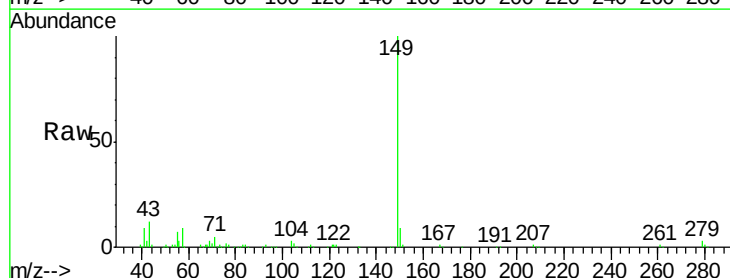
Tgt Ion:149 Resp: 208171

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

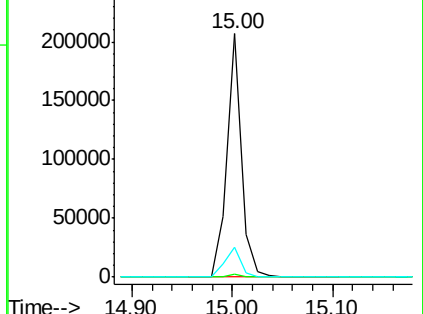
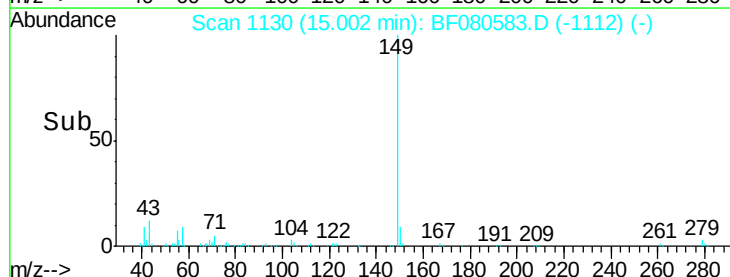
43 13.7 12.5 18.7

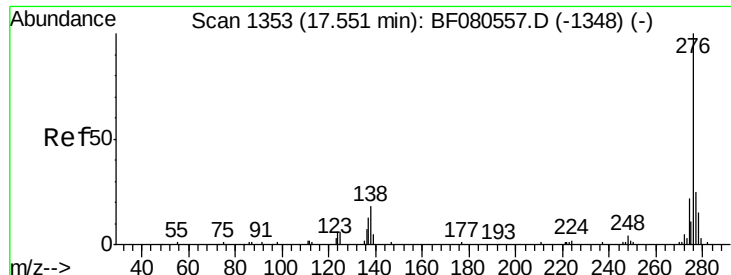


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

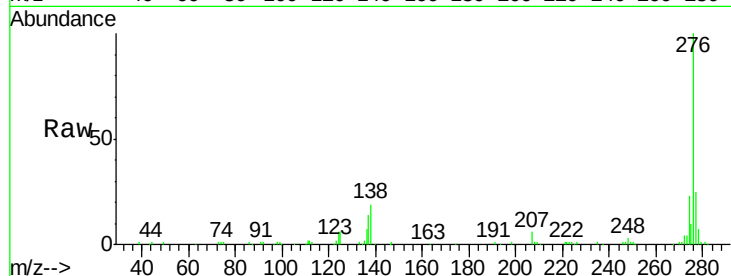




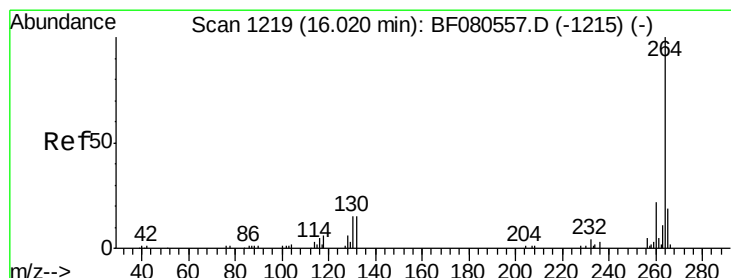
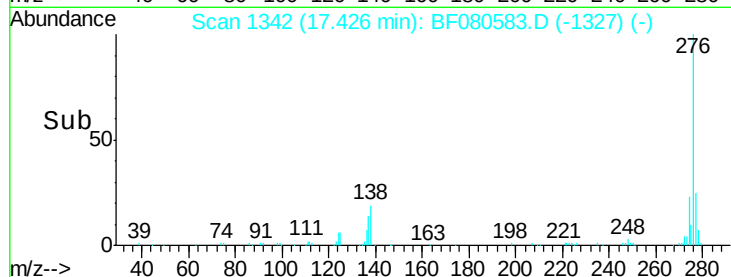
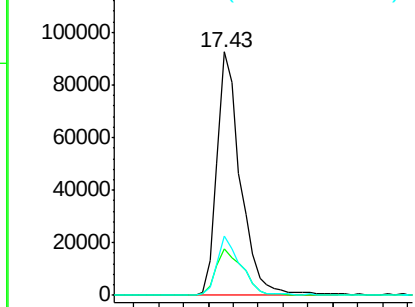
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.95 ng
 RT: 17.43 min Scan# 1342
 Delta R.T. -0.13 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion:276 Resp: 242429
 Ion Ratio Lower Upper
 276 100
 138 21.9 18.9 28.3
 277 24.5 19.9 29.9

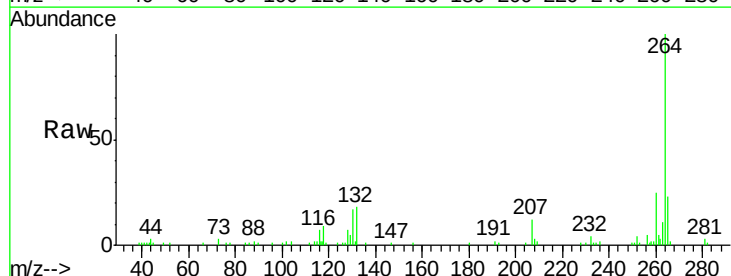


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

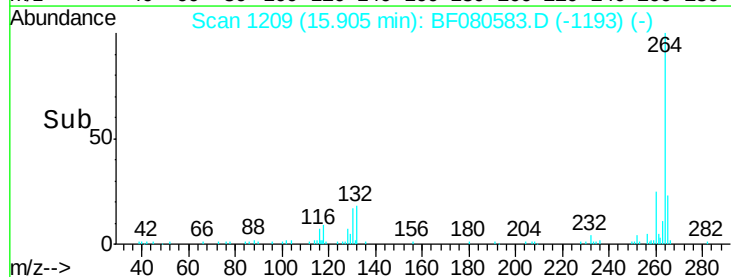
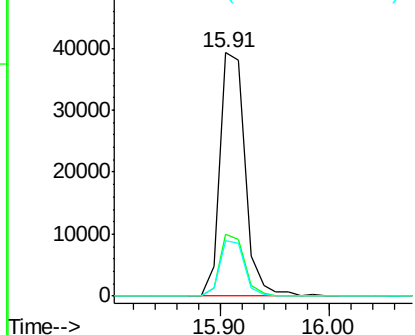


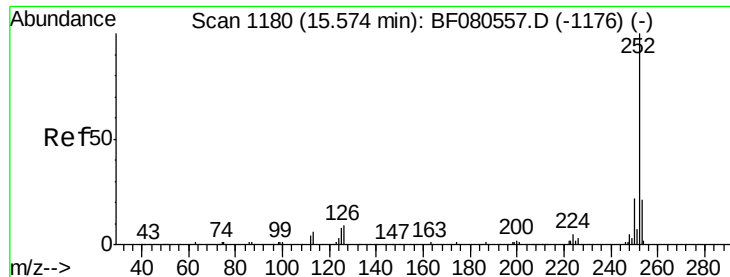
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1209
 Delta R.T. -0.11 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:264 Resp: 63328
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.8 26.8
 265 23.0 15.6 23.4



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





#87

Benzo(b)fluoranthene

Concen: 45.58 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.11 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

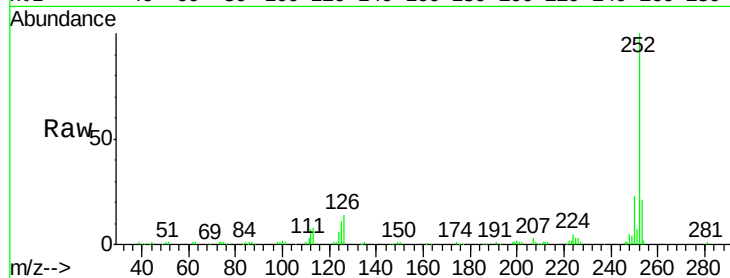
Tgt Ion:252 Resp: 181476

Ion Ratio Lower Upper

252 100

253 21.4 16.6 25.0

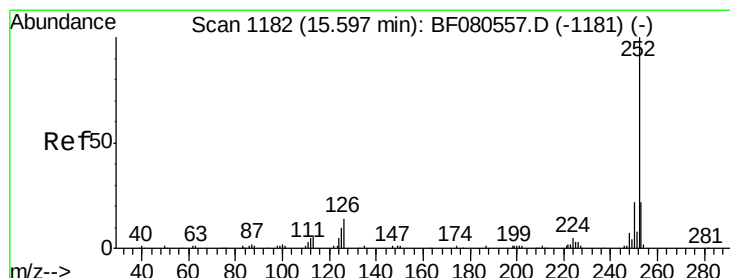
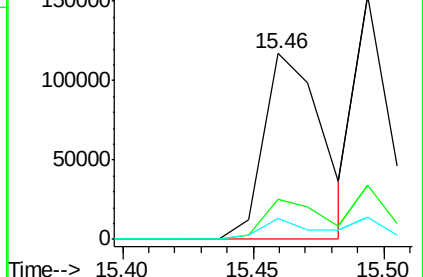
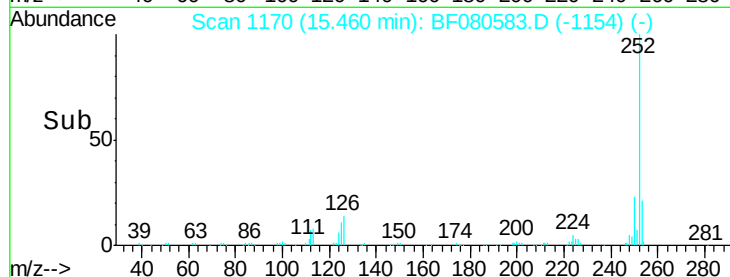
125 11.1 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.03 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.14 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

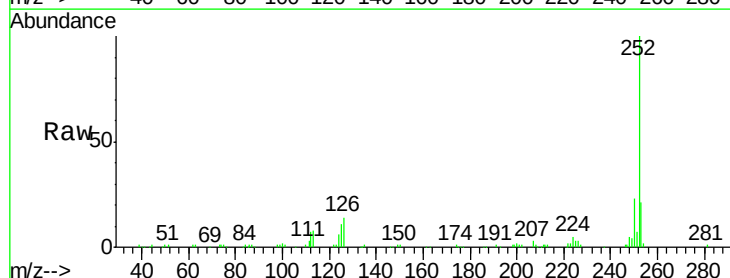
Tgt Ion:252 Resp: 181476

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

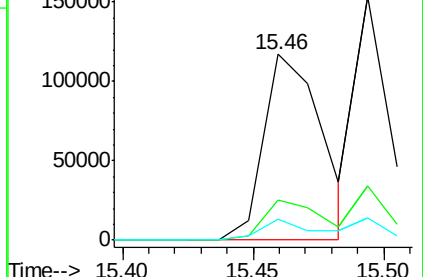
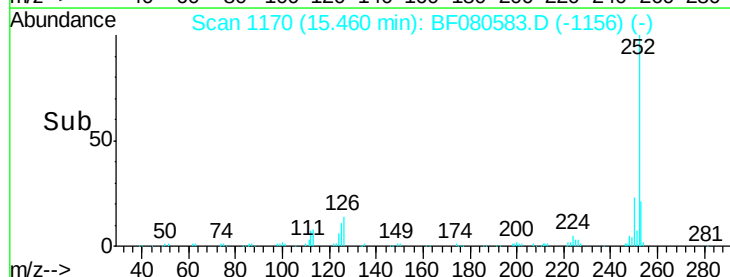
125 11.1 8.6 13.0

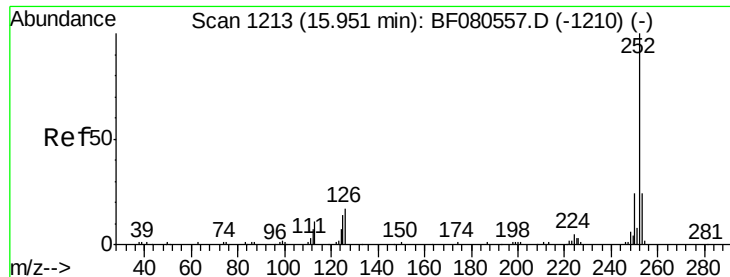


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

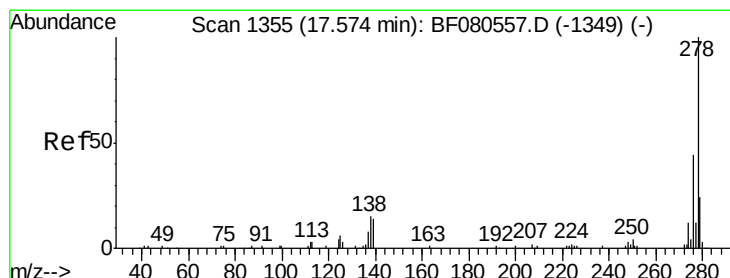
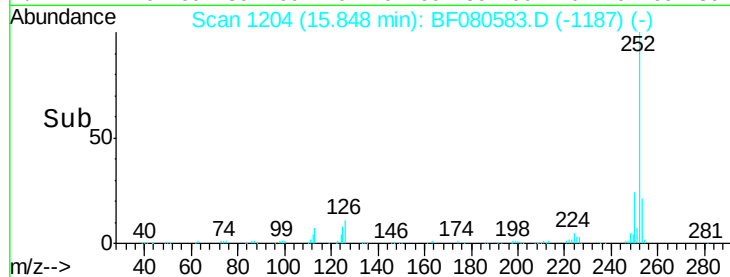
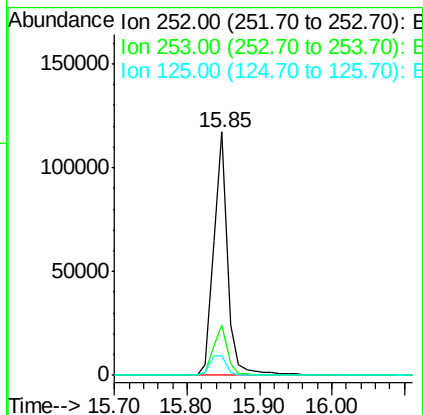
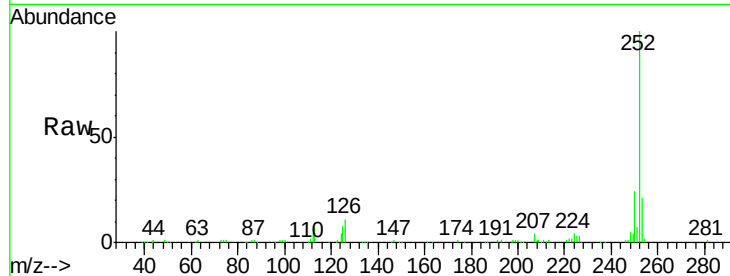




#89
Benzo(a)pyrene
Concen: 45.29 ng
RT: 15.85 min Scan# 1204
Delta R.T. -0.10 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

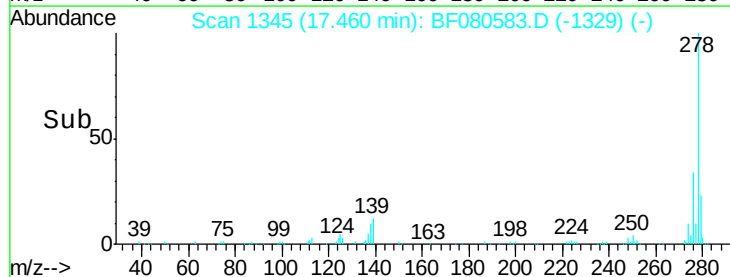
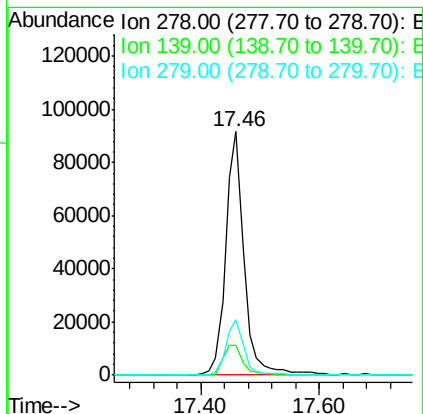
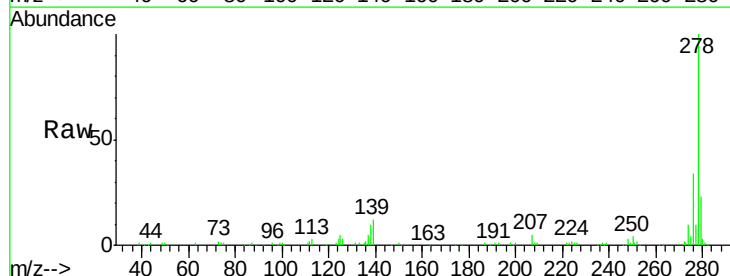
Instrument :
BNA_F
ClientSampleId :
MW-2MSD

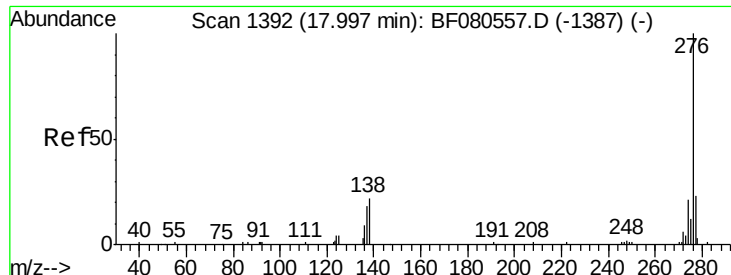
Tgt Ion: 252 Resp: 156272
Ion Ratio Lower Upper
252 100
253 20.9 19.0 28.6
125 8.3 11.2 16.8#



#90
Dibenzo(a,h)anthracene
Concen: 66.65 ng
RT: 17.46 min Scan# 1345
Delta R.T. -0.11 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion: 278 Resp: 196302
Ion Ratio Lower Upper
278 100
139 12.2 11.6 17.4
279 22.7 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 81.17 ng

RT: 17.88 min Scan# 1382

Delta R.T. -0.11 min

Lab File: BF080583.D

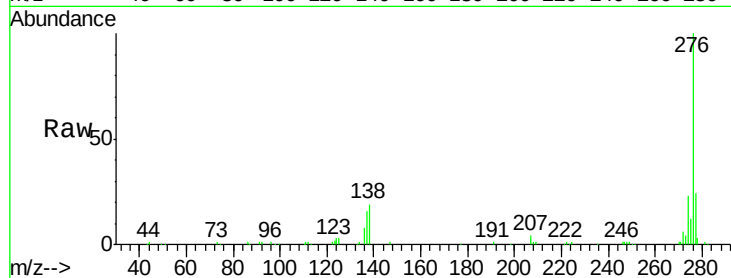
Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD



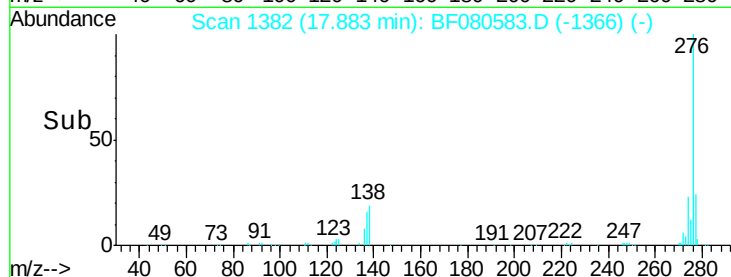
Tgt Ion: 276 Resp: 243103

Ion Ratio Lower Upper

276 100

277 23.6 18.0 27.0

138 18.5 17.8 26.6



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

