

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079750.D
 Acq On : 6 Jun 2015 2:35
 Operator : TP/IZ
 Sample : G2443-03MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

Quant Time: Jun 08 04:41:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 04:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	49465	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	200355	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	112255	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	232827	20.00	ng	0.00
75) Chrysene-d12	14.96	240	255355	20.00	ng	-0.06
86) Perylene-d12	16.88	264	257486	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.10	112	24664	4.18	ng	0.00
7) Phenol-d6	7.07	99	32544	4.27	ng	-0.01
23) Nitrobenzene-d5	8.04	82	14244	2.18	ng	0.00
41) 2,4,6-Tribromophenol	11.35	330	6692	3.12	ng	-0.01
44) 2-Fluorobiphenyl	9.85	172	38970	2.35	ng	-0.01
78) Terphenyl-d14	13.73	244	52482	2.35	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	2766	2.12	ng	# 82
3) Pyridine	4.34	79	5854	1.60	ng	# 85
4) n-Nitrosodimethylamine	4.22	42	4283	2.70	ng	# 70
6) Aniline	7.14	93	5327	0.96	ng	97
8) 2-Chlorophenol	7.27	128	9002	2.82	ng	99
9) Benzaldehyde	7.04	77	837	0.34	ng	86
10) Phenol	7.08	94	10565	2.55	ng	78
11) bis(2-Chloroethyl)ether	7.20	93	10032	3.12	ng	99
12) 1,3-Dichlorobenzene	7.44	146	10021	2.51	ng	# 89
13) 1,4-Dichlorobenzene	7.51	146	10853	2.56	ng	97
14) 1,2-Dichlorobenzene	7.67	146	9782	2.47	ng	95
15) Benzyl Alcohol	7.61	79	7642	2.43	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.75	45	14049	2.89	ng	100
17) 2-Methylphenol	7.71	107	7007	2.35	ng	95
18) Hexachloroethane	8.01	117	2893	2.35	ng	86
19) n-Nitroso-di-n-propylamine	7.87	70	7111	2.69	ng	93
20) 3+4-Methylphenols	7.86	107	9697	2.55	ng	89
22) Acetophenone	7.88	105	13835	2.89	ng	# 97
24) Nitrobenzene	8.06	77	7786	2.39	ng	96
25) Isophorone	8.30	82	19261	2.89	ng	98
26) 2-Nitrophenol	8.39	139	2701	1.97	ng	# 88
27) 2,4-Dimethylphenol	8.40	122	9098	2.95	ng	97
28) bis(2-Chloroethoxy)methane	8.50	93	11037	2.68	ng	# 96
29) 2,4-Dichlorophenol	8.62	162	7797	2.82	ng	95
30) 1,2,4-Trichlorobenzene	8.72	180	9989	2.97	ng	94
31) Naphthalene	8.80	128	30673	2.92	ng	97
32) Benzoic acid	8.40	122	9098	12.04	ng	# 13
33) 4-Chloroaniline	8.83	127	10103	1.89	ng	95
34) Hexachlorobutadiene	8.92	225	5528	2.70	ng	97
35) Caprolactam	9.15	113	1985	2.35	ng	90
36) 4-Chloro-3-methylphenol	9.30	107	7479	2.42	ng	93
37) 2-Methylnaphthalene	9.60	142	19220	2.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	10390	2.97	ng	# 94
40) Hexachlorocyclopentadiene	9.66	237	266	0.18	ng	# 28

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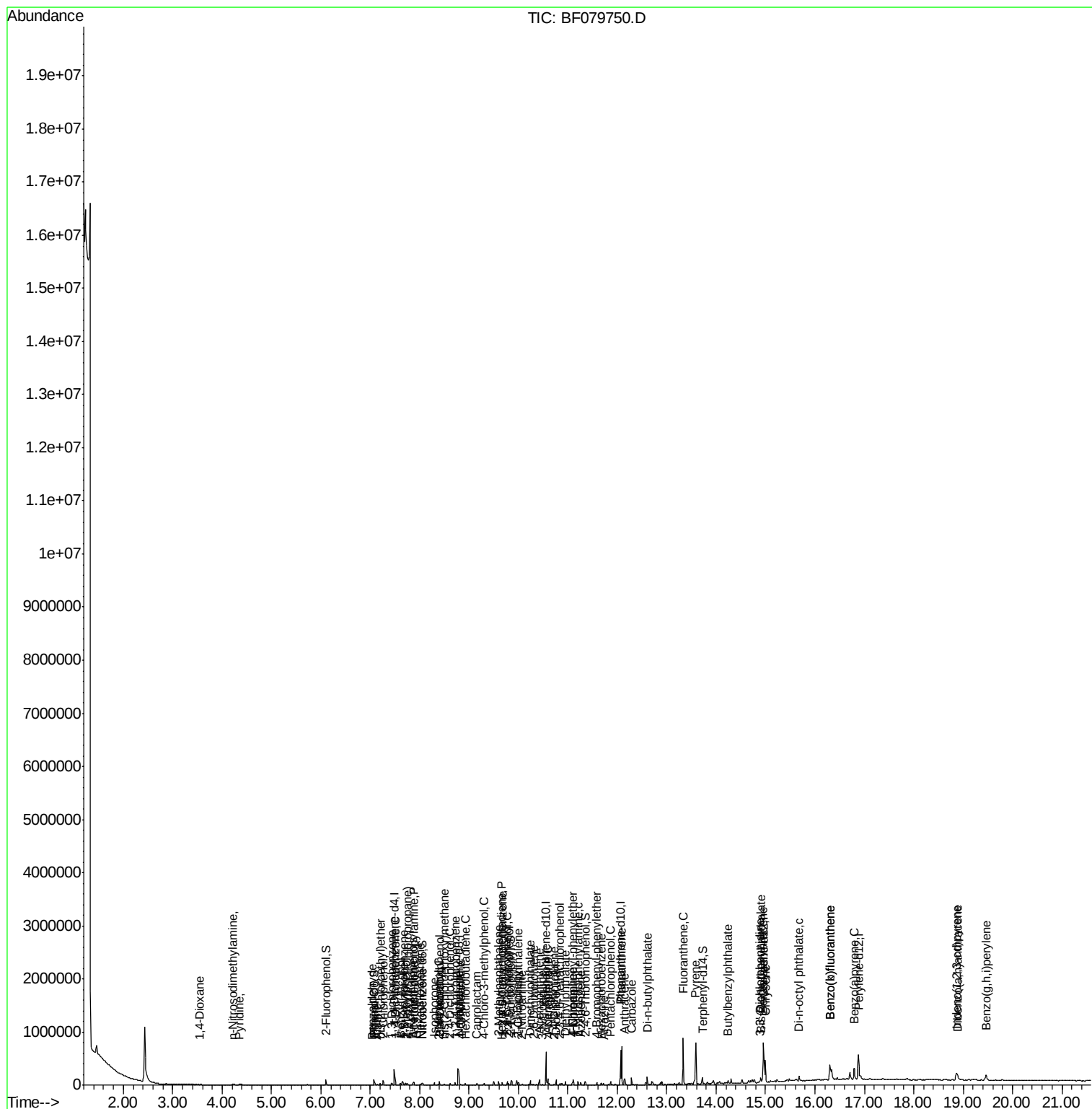
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	5625	2.42	nq	95
43) 2,4,5-Trichlorophenol	9.80	196	5811	2.38	nq	97
45) 1,1'-Biphenyl	9.96	154	26363	2.70	nq	98
46) 2-Chloronaphthalene	10.00	162	18207	2.28	nq	# 90
47) 2-Nitroaniline	10.07	65	2644	1.58	nq	87
48) Acenaphthylene	10.42	152	49979	3.79	nq	98
49) Dimethylphthalate	10.24	163	28815	3.33	nq	99
50) 2,6-Dinitrotoluene	10.31	165	1877	2.64	nq	# 72
51) Acenaphthene	10.59	154	24828	3.33	nq	98
52) 3-Nitroaniline	10.48	138	1976	1.08	nq	# 87
54) Dibenzofuran	10.77	168	37274	3.53	nq	99
55) 4-Nitrophenol	10.62	139	5309	3.89	nq	97
56) 2,4-Dinitrotoluene	10.72	165	2474	3.44	nq	# 82
57) Fluorene	11.11	166	30993	3.39	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.83	232	3882	2.05	nq	# 83
59) Diethylphthalate	10.95	149	24604	2.91	nq	99
60) 4-Chlorophenyl-phenylether	11.10	204	10358	2.50	nq	# 77
61) 4-Nitroaniline	11.10	138	2750	1.67	nq	98
62) Azobenzene	11.26	77	20439	2.39	nq	81
64) 4,6-Dinitro-2-methylphenol	11.13	198	248	Below	Cal	# 1
65) n-Nitrosodiphenylamine	11.20	169	18869	2.43	nq	98
66) 4-Bromophenyl-phenylether	11.59	248	5982	2.37	nq	90
67) Hexachlorobenzene	11.68	284	7135	2.52	nq	97
68) Atrazine	11.73	200	5130	2.19	nq	97
69) Pentachlorophenol	11.86	266	4340	4.70	nq	100
70) Phenanthrene	12.09	178	256186	18.79	nq	98
71) Anthracene	12.15	178	64207	4.78	nq	99
72) Carbazole	12.29	167	49139	3.85	nq	97
73) Di-n-butylphthalate	12.61	149	38638	2.67	nq	# 84
74) Fluoranthene	13.34	202	383569	25.70	nq	96
77) Pyrene	13.59	202	326203	20.84	nq	98
79) Butylbenzylphthalate	14.24	149	15965	2.56	nq	96
80) Benzo(a)anthracene	14.95	228	170179	10.89	nq	100
81) 3,3'-Dichlorobenzidine	14.89	252	5943	1.12	nq	# 91
82) Chrysene	14.99	228	172487	11.94	nq	98
83) Bis(2-ethylhexyl)phthalate	14.90	149	25307	2.57	nq	98
84) Di-n-octyl phthalate	15.68	149	42540	2.45	nq	# 99
85) Indeno(1,2,3-cd)pyrene	18.87	276	117783	7.04	nq	96
87) Benzo(b)fluoranthene	16.31	252	309955	19.38	nq	# 98
88) Benzo(k)fluoranthene	16.31	252	309955	20.20	nq	99
89) Benzo(a)pyrene	16.80	252	143722	9.73	nq	99
90) Dibenzo(a,h)anthracene	18.89	278	50836	3.57	nq	98
91) Benzo(g,h,i)perylene	19.46	276	110803	7.52	nq	99

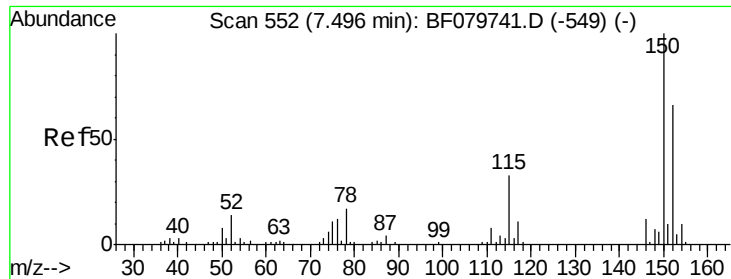
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

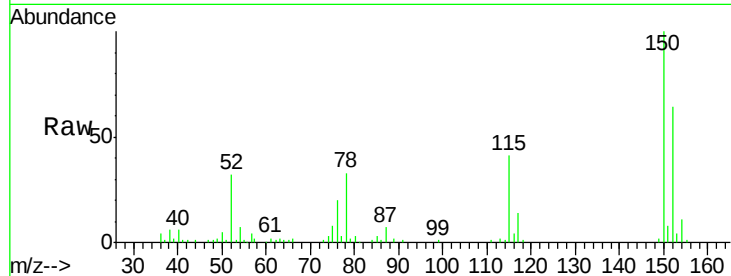
Tot Ion:152 Resp: 49465

Ion Ratio Lower Upper

152 100

150 156.8 128.1 192.1

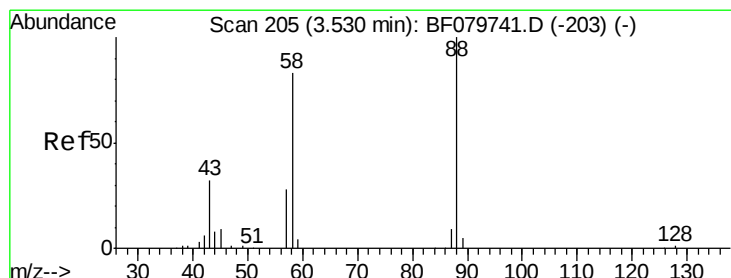
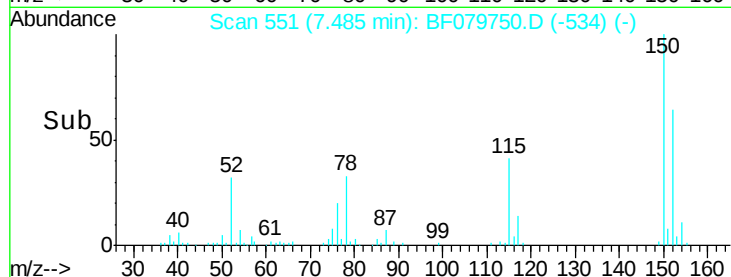
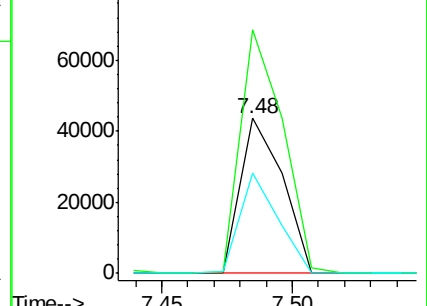
115 64.6 49.7 74.5



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: 2.12 ng

RT: 3.55 min Scan# 207

Delta R.T. 0.02 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

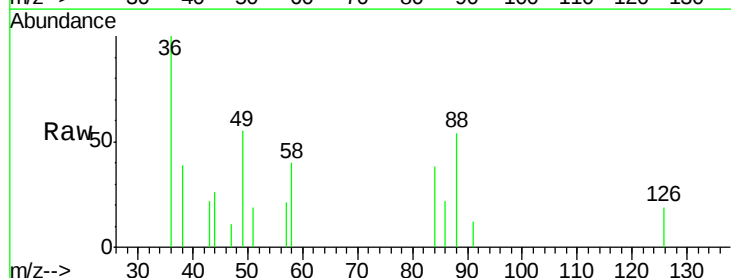
Tgt Ion: 88 Resp: 2766

Ion Ratio Lower Upper

88 100

58 61.0 64.2 96.4#

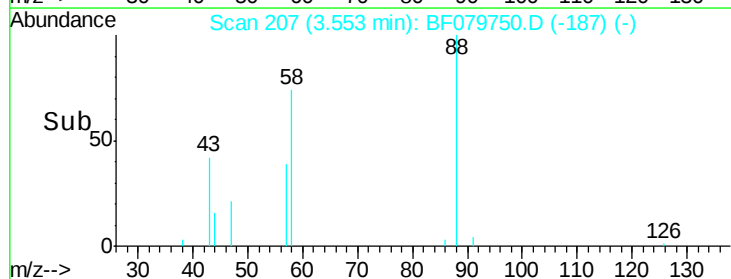
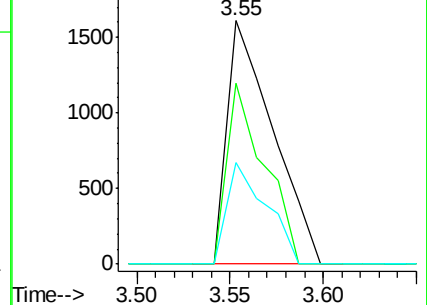
43 35.8 25.1 37.7

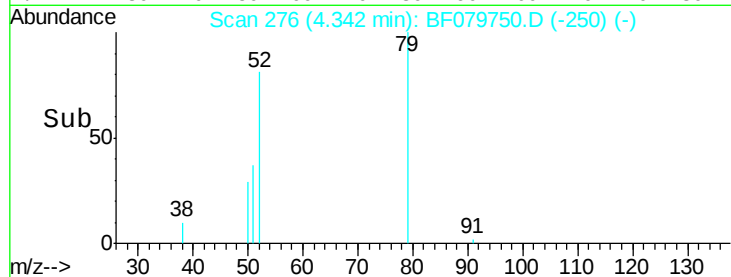
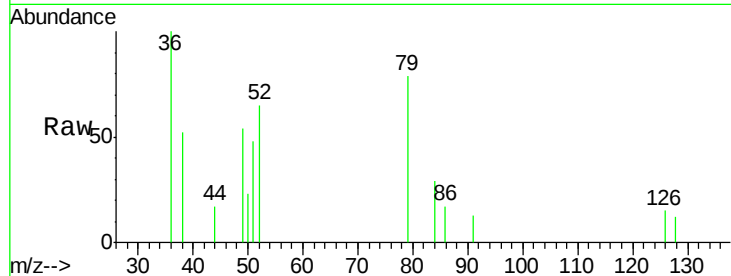
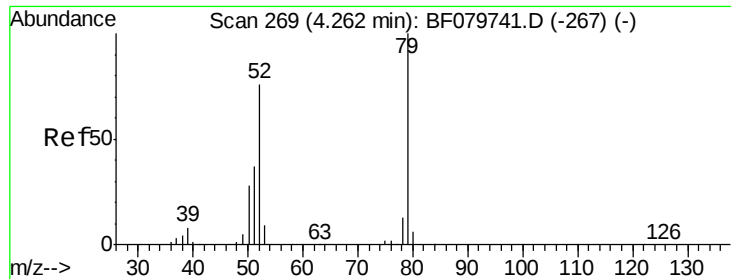


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 1.60 ng

RT: 4.34 min Scan# 276

Delta R.T. 0.09 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

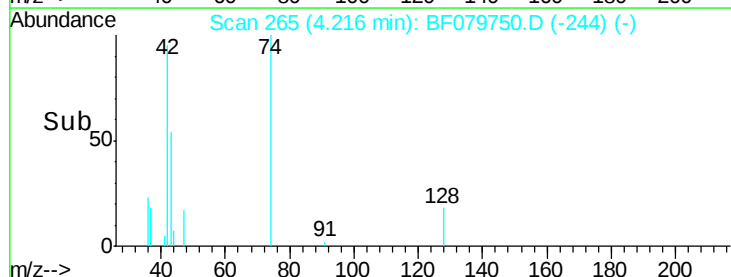
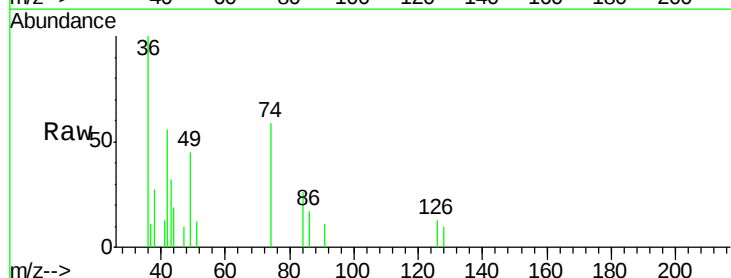
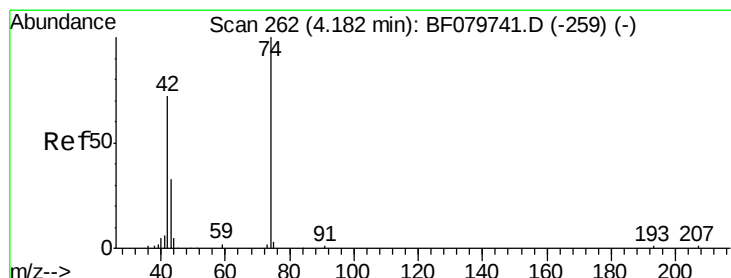
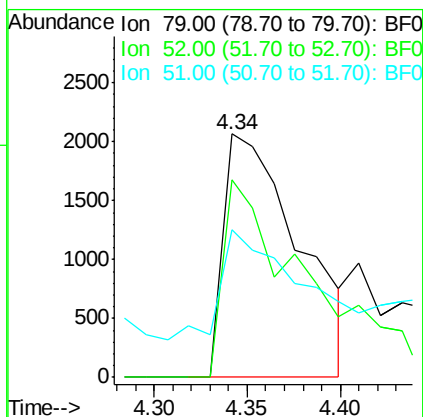
Tot Ion: 79 Resp: 5854

Ion Ratio Lower Upper

79 100

52 81.3 63.1 94.7

51 60.5 29.3 43.9#



#4

n-Nitrosodimethylamine

Concen: 2.70 ng

RT: 4.22 min Scan# 265

Delta R.T. 0.03 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

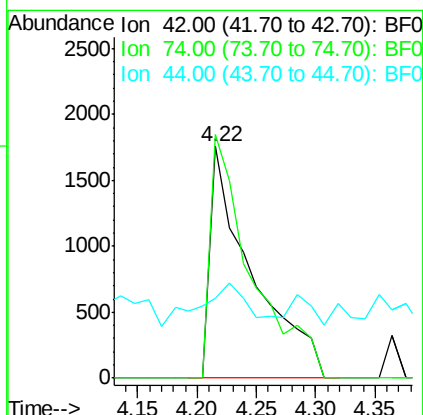
Tgt Ion: 42 Resp: 4283

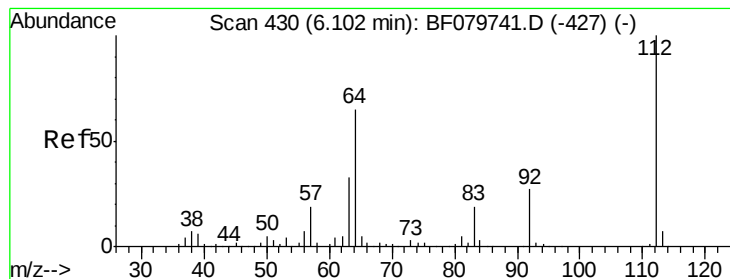
Ion Ratio Lower Upper

42 100

74 105.1 110.6 165.8#

44 34.6 6.2 9.2#





#5

2-Fluorophenol

Concen: 4.18 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

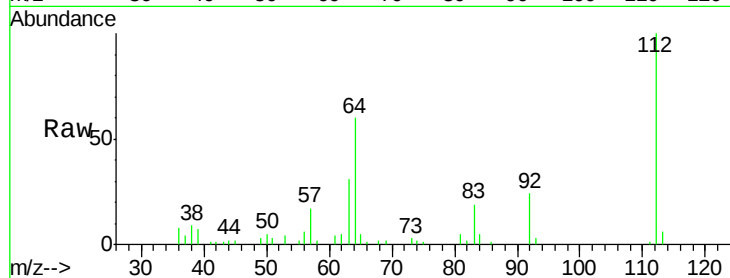
Tot Ion:112 Resp: 24664

Ion Ratio Lower Upper

112 100

64 60.3 49.6 74.4

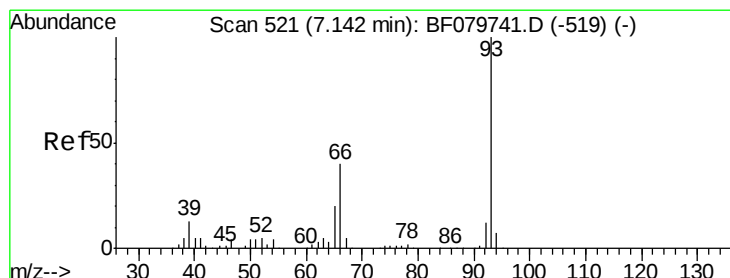
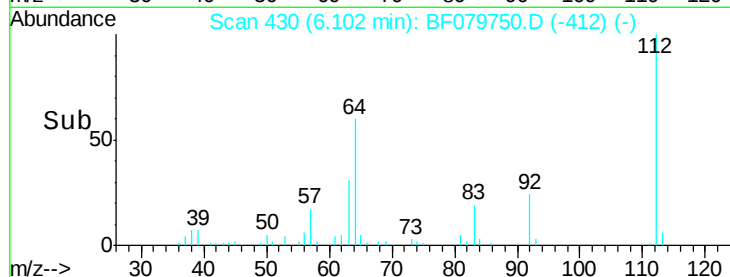
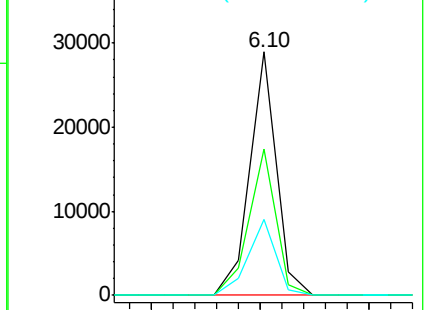
63 30.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF079741.D (-427) (-)

Ion 64.00 (63.70 to 64.70): BF079741.D (-427) (-)

Ion 63.00 (62.70 to 63.70): BF079741.D (-427) (-)



#6

Aniline

Concen: 0.96 ng

RT: 7.14 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

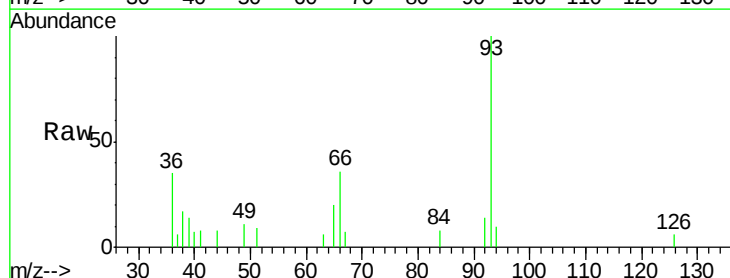
Tgt Ion: 93 Resp: 5327

Ion Ratio Lower Upper

93 100

66 35.6 30.3 45.5

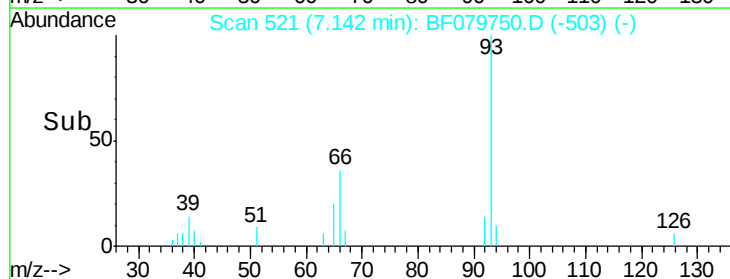
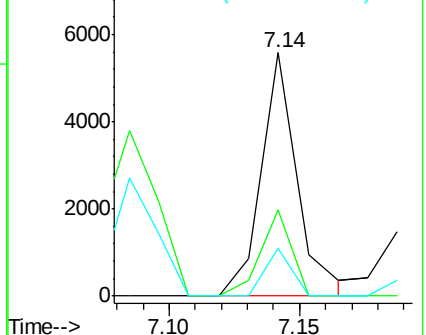
65 19.8 15.8 23.6

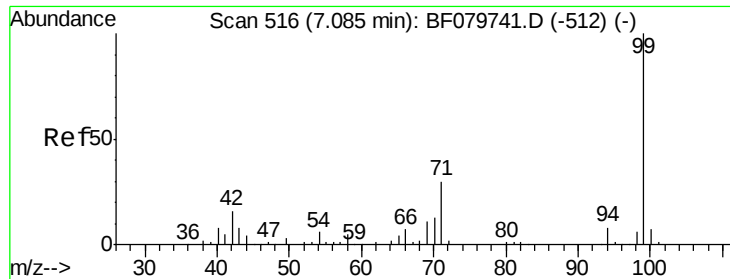


Abundance Ion 93.00 (92.70 to 93.70): BF079741.D (-519) (-)

Ion 66.00 (65.70 to 66.70): BF079741.D (-519) (-)

Ion 65.00 (64.70 to 65.70): BF079741.D (-519) (-)





#7

Phenol-d6

Concen: 4.27 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

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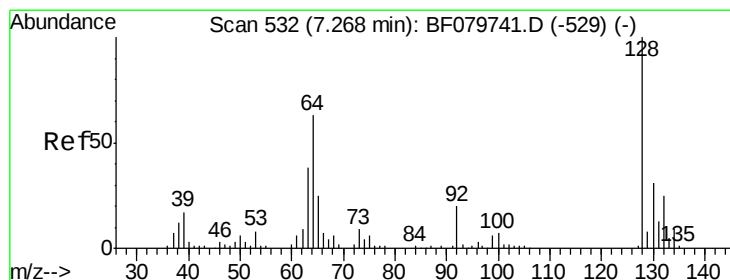
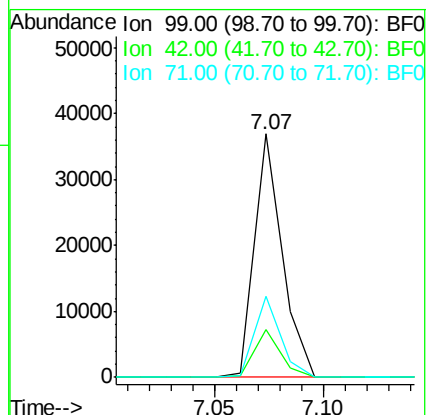
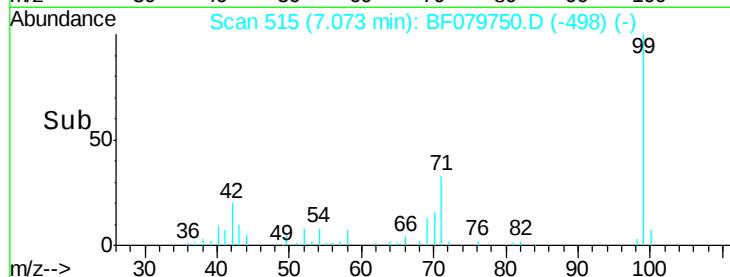
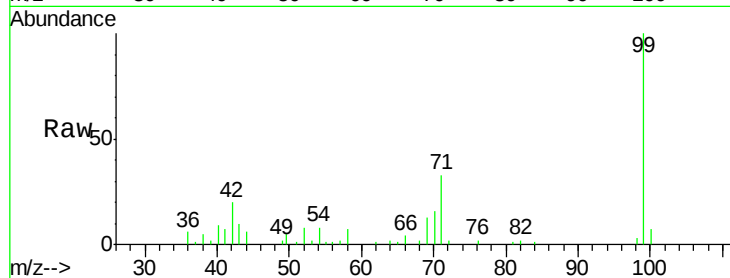
Tot Ion: 99 Resp: 32544

Ion Ratio Lower Upper

99 100

42 19.9 18.0 27.0

71 33.2 28.4 42.6



#8

2-Chlorophenol

Concen: 2.82 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

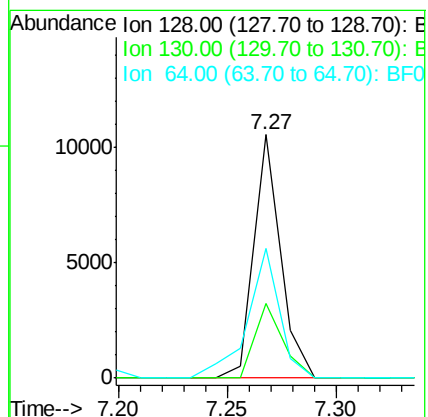
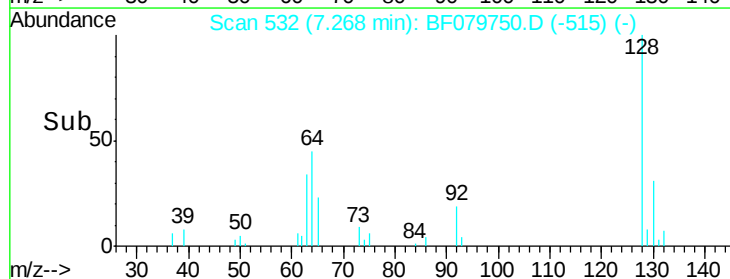
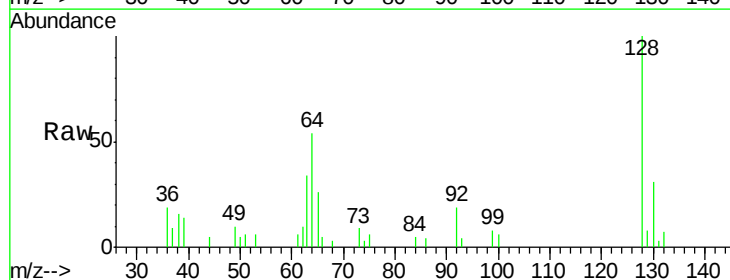
Tgt Ion: 128 Resp: 9002

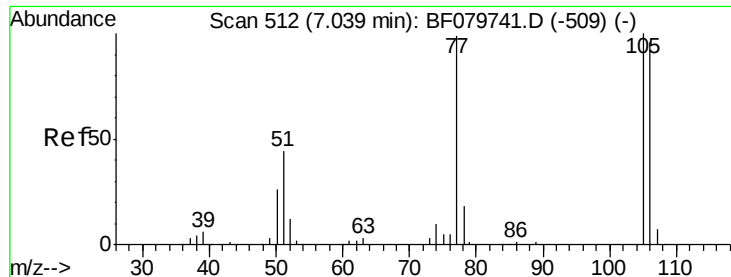
Ion Ratio Lower Upper

128 100

130 30.6 12.3 52.3

64 53.5 33.3 73.3

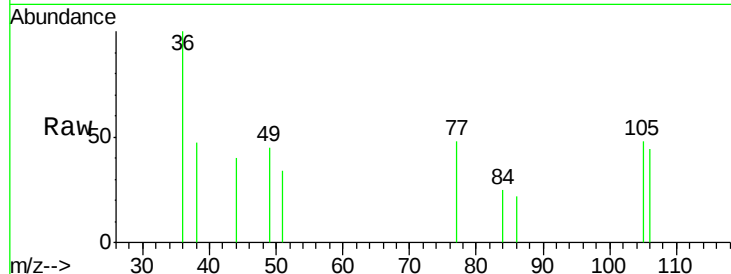




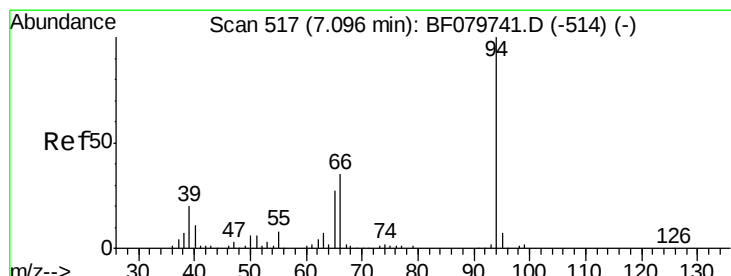
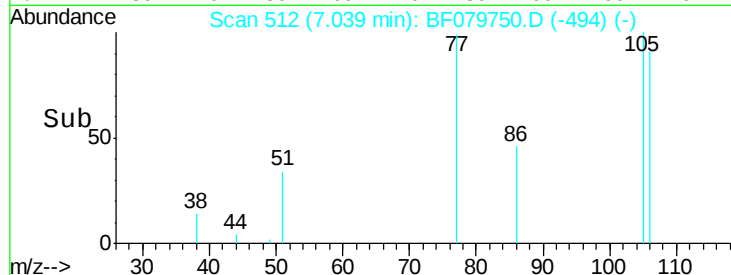
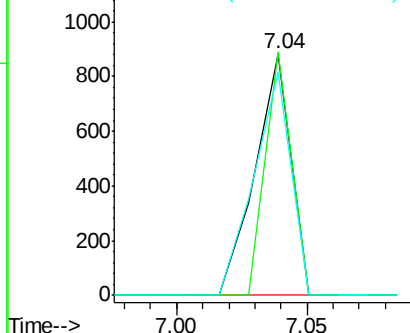
#9
Benzaldehyde
Concen: 0.34 ng
RT: 7.04 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion: 77 Resp: 837
Ion Ratio Lower Upper
77 100
105 100.8 66.1 106.1
106 92.2 61.9 101.9

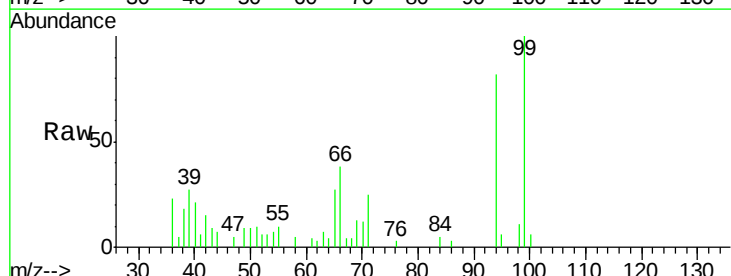


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

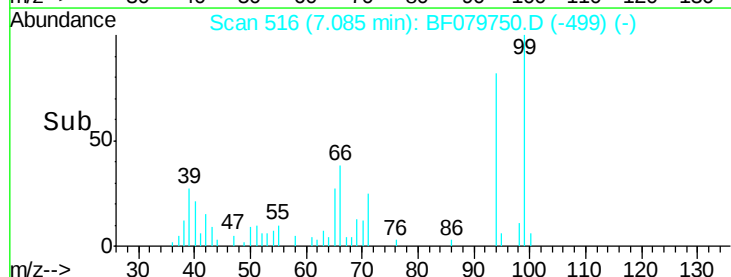
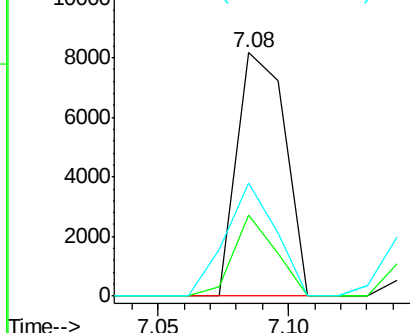


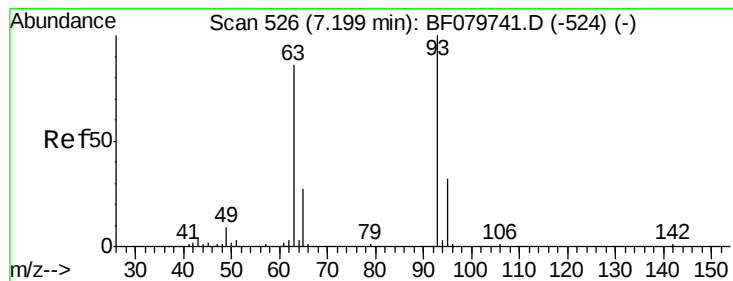
#10
Phenol
Concen: 2.55 ng
RT: 7.08 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion: 94 Resp: 10565
Ion Ratio Lower Upper
94 100
65 33.1 5.3 45.3
66 46.7 11.3 51.3



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

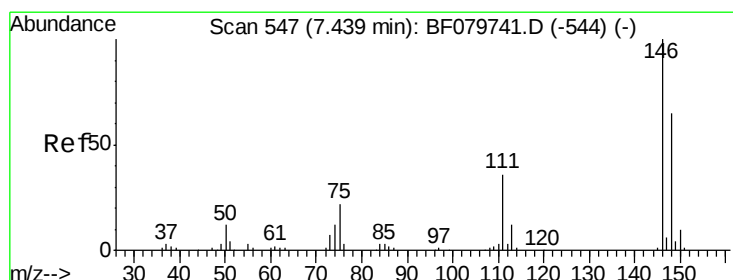
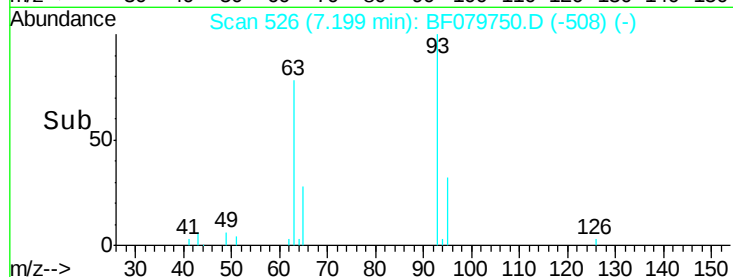
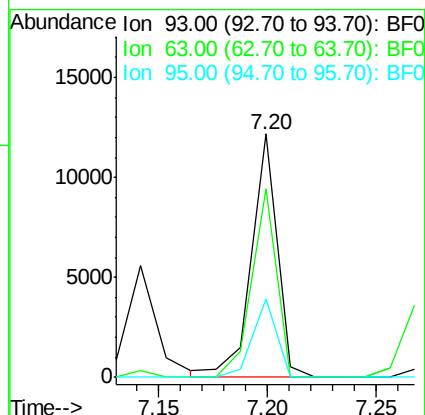
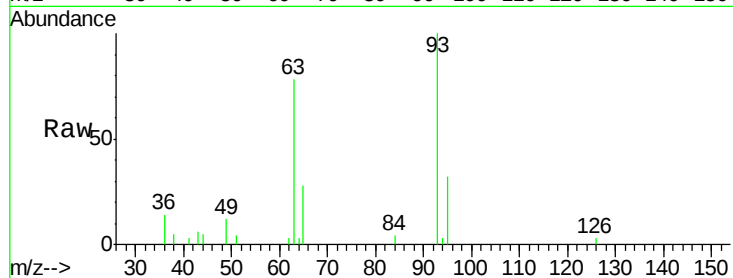




#11
bis(2-Chloroethyl)ether
Concen: 3.12 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

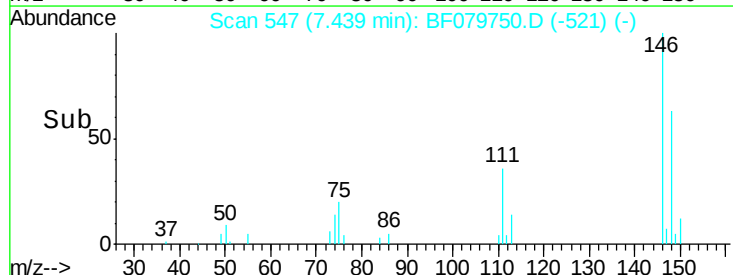
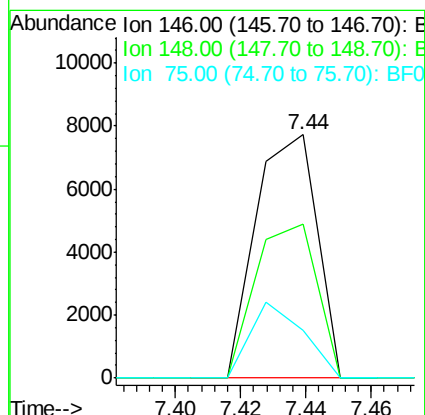
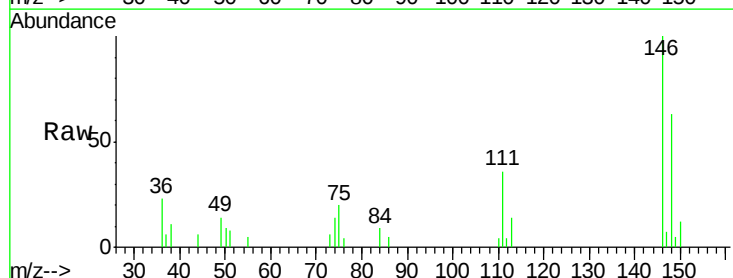
Instrument :
BNA_F
ClientSampleId :
SW-024MSD

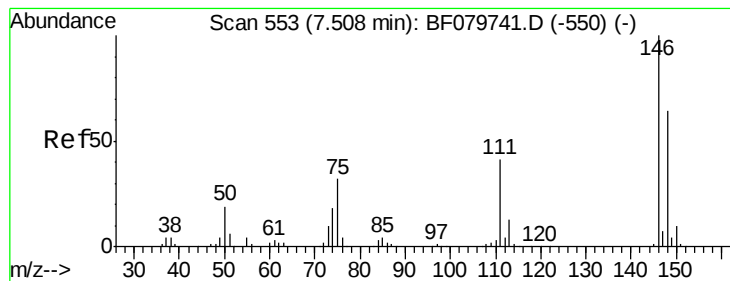
Tot Ion: 93 Resp: 10032
Ion Ratio Lower Upper
93 100
63 77.5 58.7 98.7
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 2.51 ng
RT: 7.44 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion: 146 Resp: 10021
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
75 19.7 29.0 43.6#





#13

1,4-Dichlorobenzene

Concen: 2.56 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

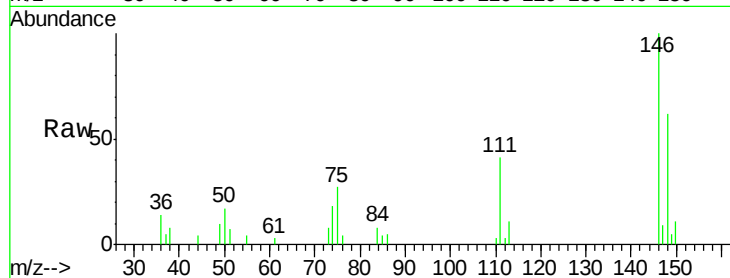
Tot Ion:146 Resp: 10853

Ion Ratio Lower Upper

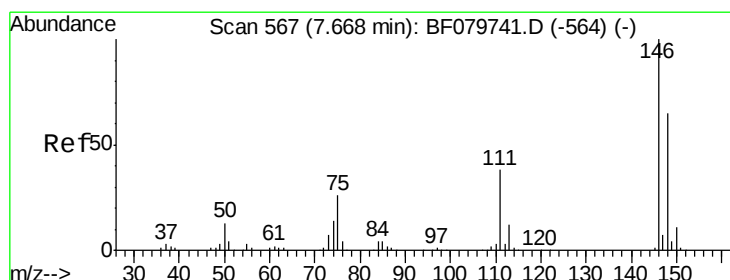
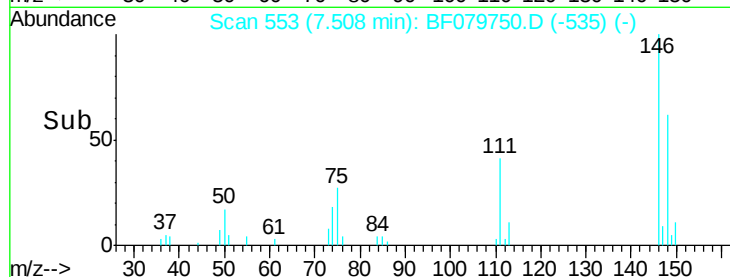
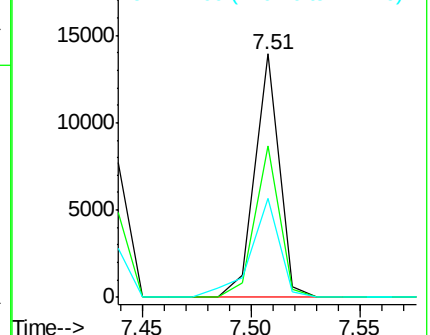
146 100

148 62.2 51.4 77.0

111 40.6 30.1 45.1



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



#14

1,2-Dichlorobenzene

Concen: 2.47 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

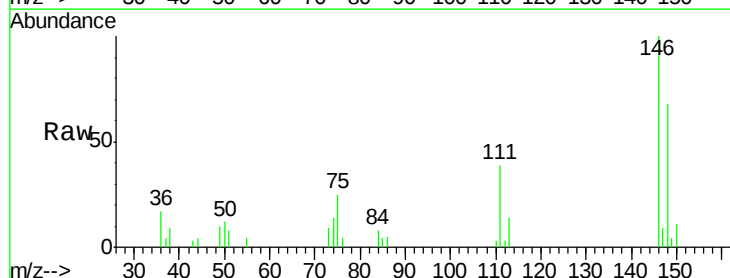
Tgt Ion:146 Resp: 9782

Ion Ratio Lower Upper

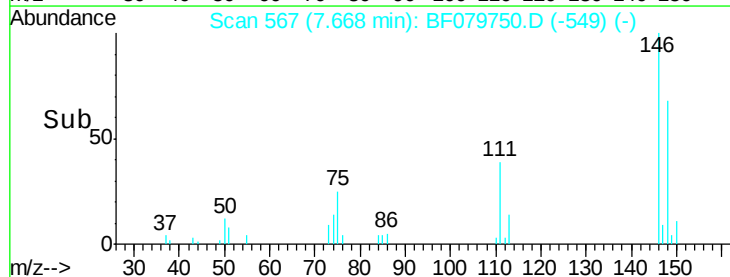
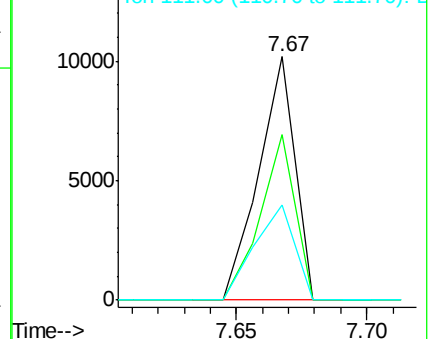
146 100

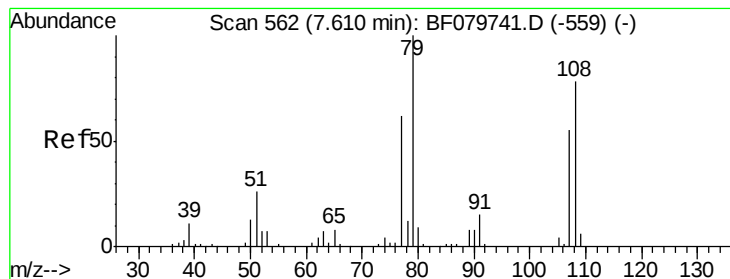
148 68.1 52.2 78.4

111 39.0 27.9 41.9



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





#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

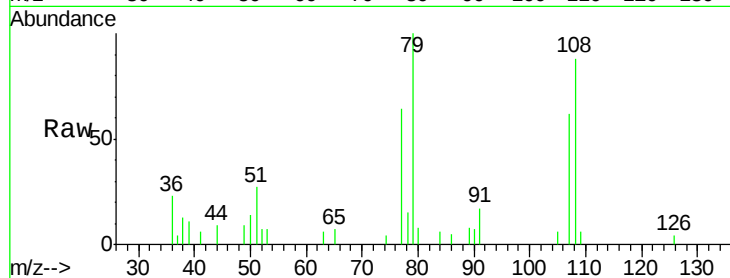
Tot Ion: 79 Resp: 7642

Ion Ratio Lower Upper

79 100

108 88.5 68.4 102.6

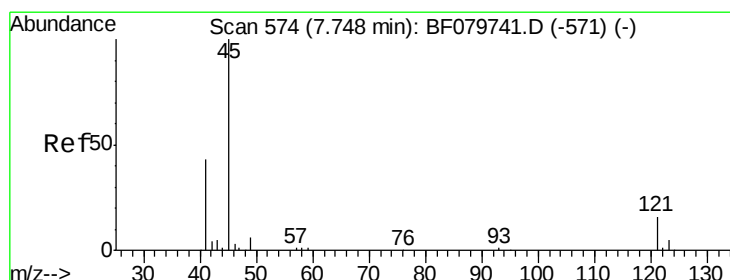
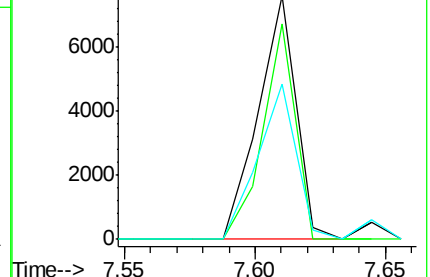
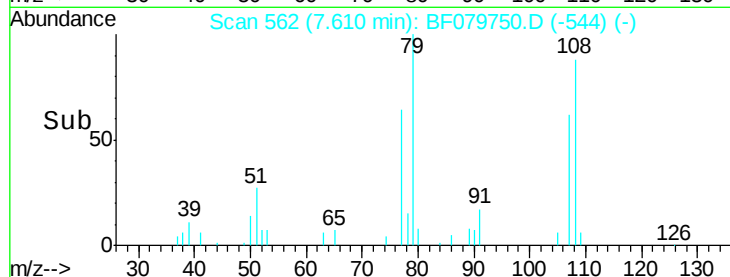
77 64.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.89 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

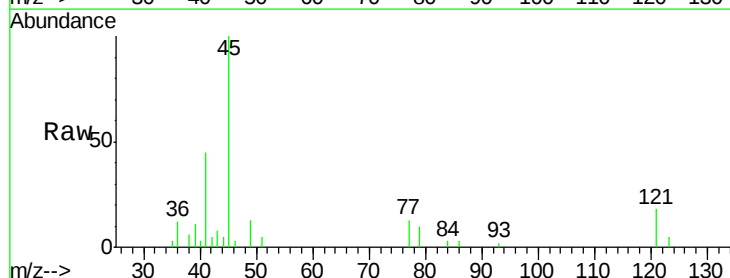
Tgt Ion: 45 Resp: 14049

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.7

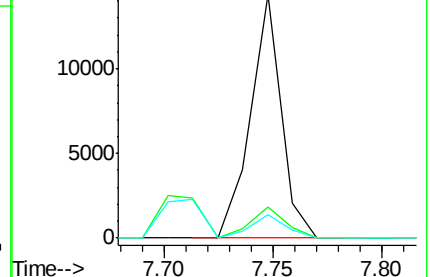
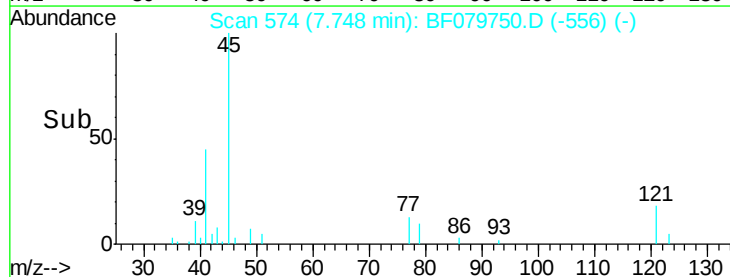
79 9.5 0.0 29.9

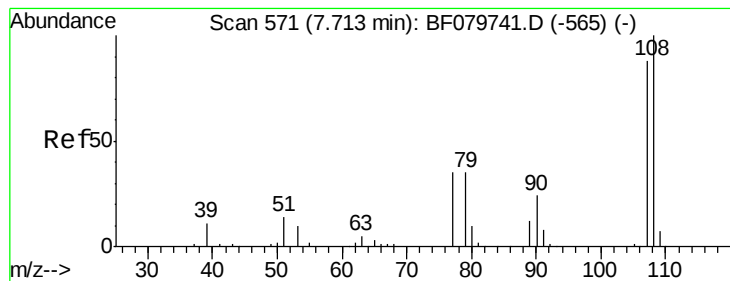


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

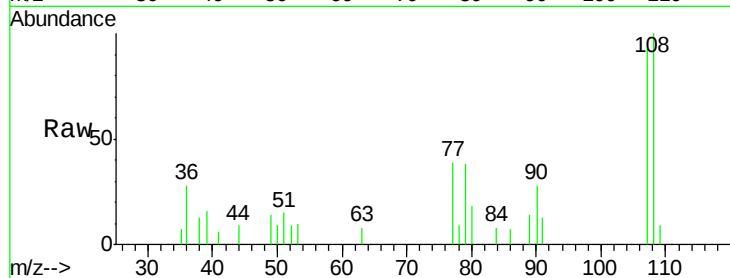




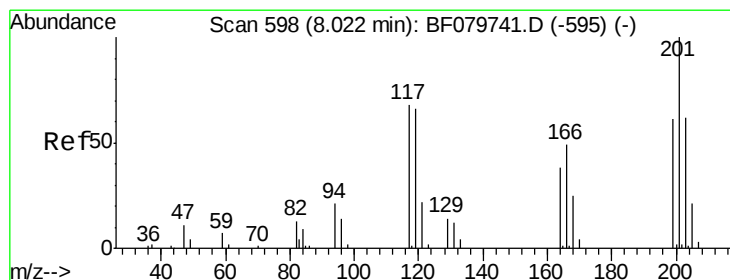
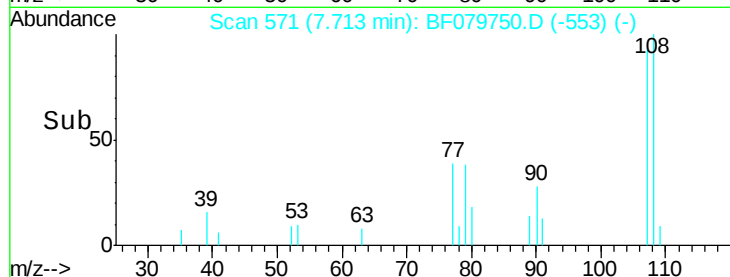
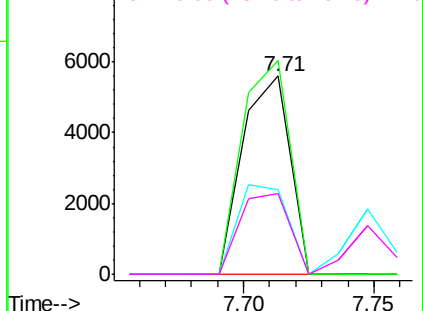
#17
2-Methylphenol
Concen: 2.35 ng
RT: 7.71 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion:	107	Resp:	7007
Ion	Ratio	Lower	Upper
107	100		
108	107.8	91.8	137.8
77	42.5	31.4	47.2
79	40.5	31.3	46.9

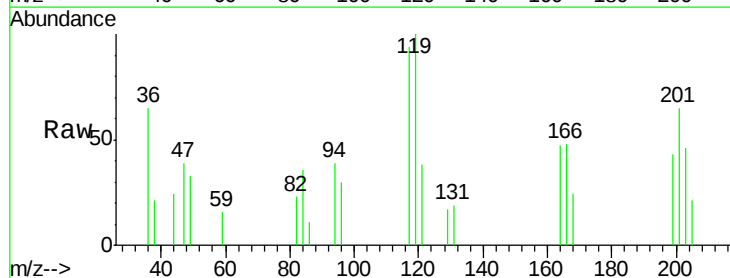


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

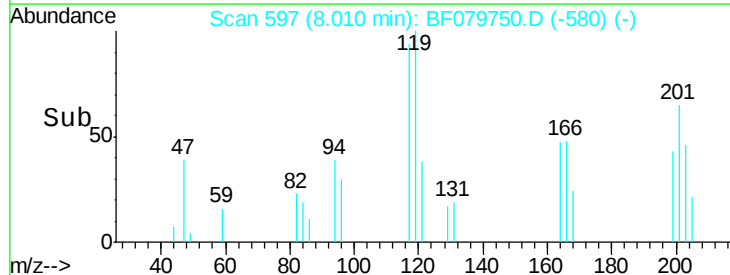
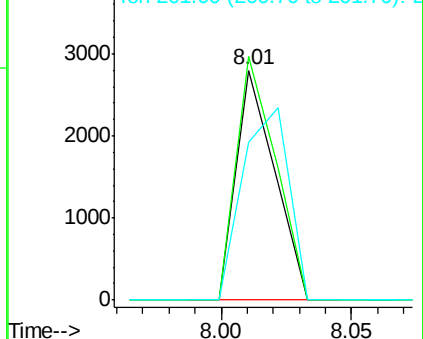


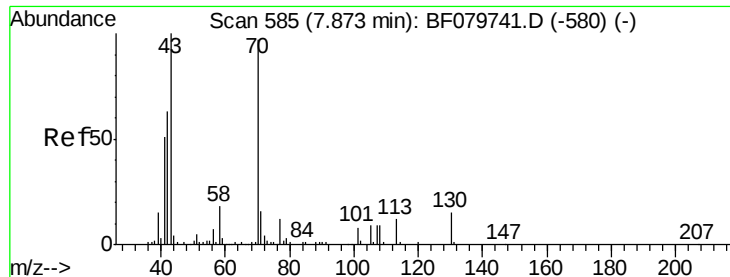
#18
Hexachloroethane
Concen: 2.35 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:	117	Resp:	2893
Ion	Ratio	Lower	Upper
117	100		
119	106.1	75.5	113.3
201	68.9	66.4	99.6



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

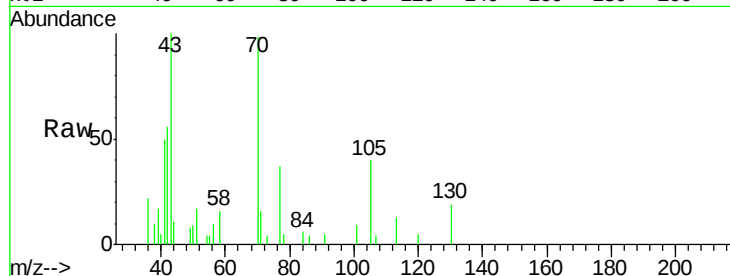




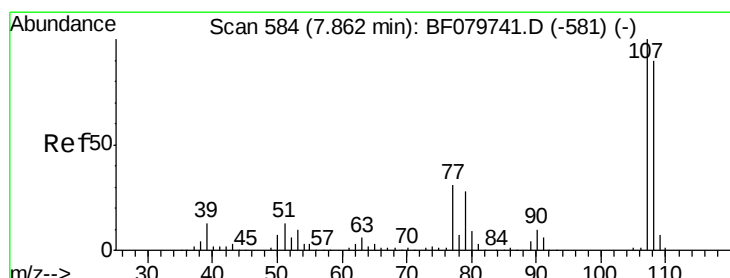
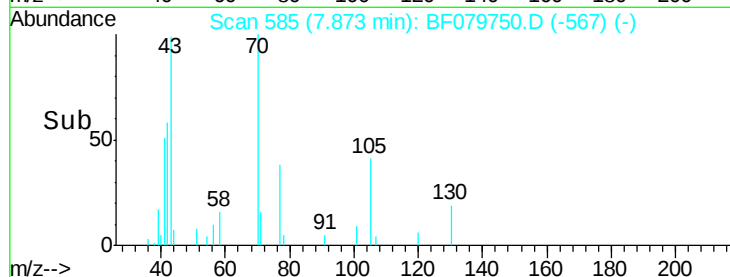
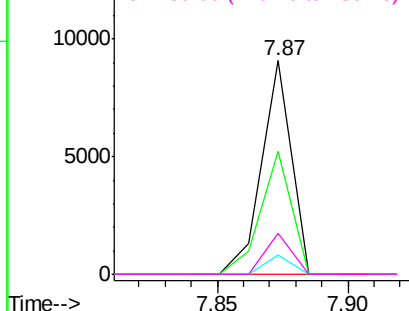
#19
n-Nitroso-di-n-propylamine
Concen: 2.69 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion:	70	Resp:	7111
Ion	Ratio	Lower	Upper
70	100		
42	57.8	51.1	76.7
101	9.0	7.0	10.6
130	19.0	13.3	19.9

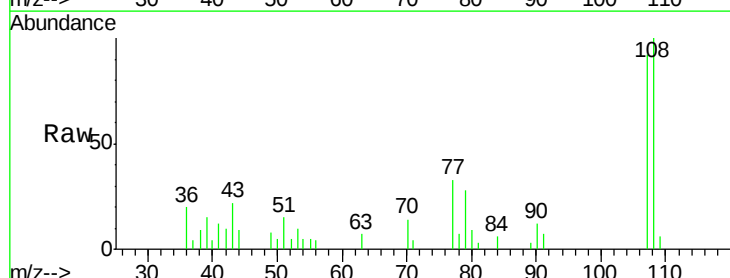


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

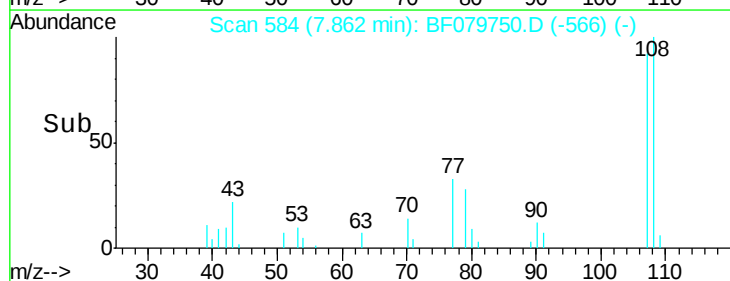
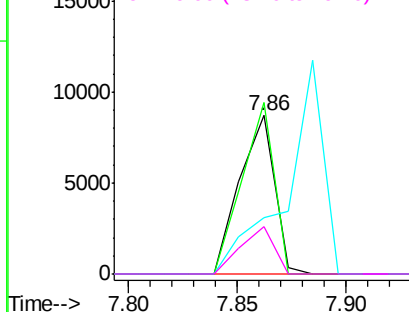


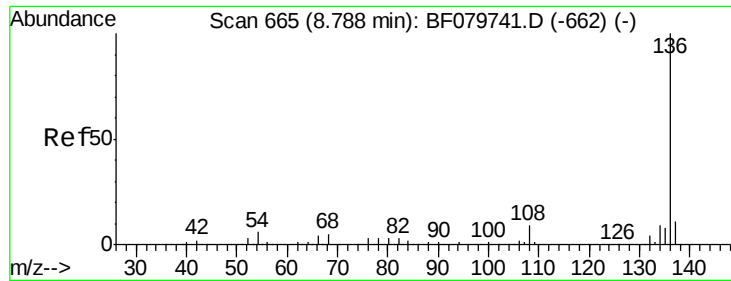
#20
3+4-Methylphenols
Concen: 2.55 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:	107	Resp:	9697
Ion	Ratio	Lower	Upper
107	100		
108	108.4	75.2	115.2
77	35.2	10.3	50.3
79	30.3	9.3	49.3



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

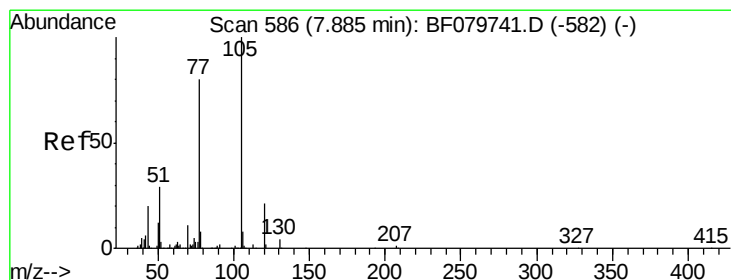
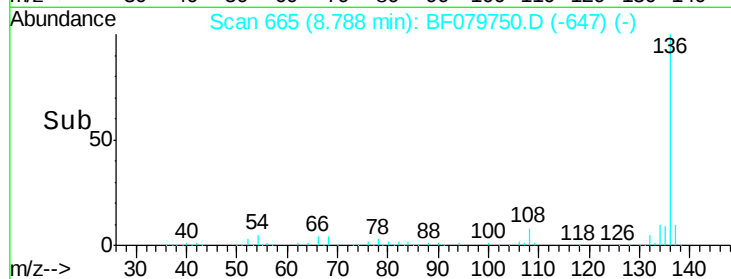
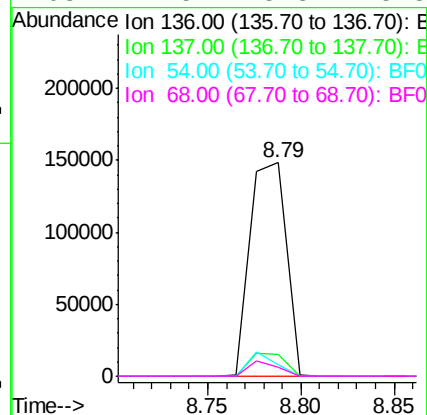
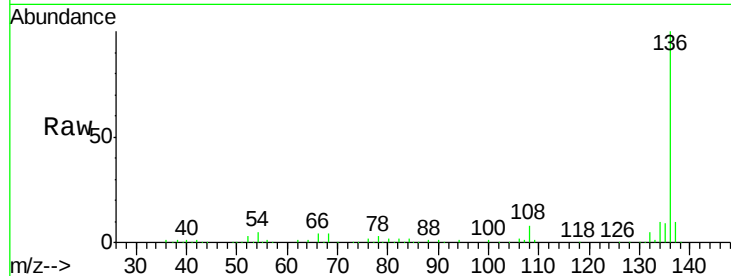




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

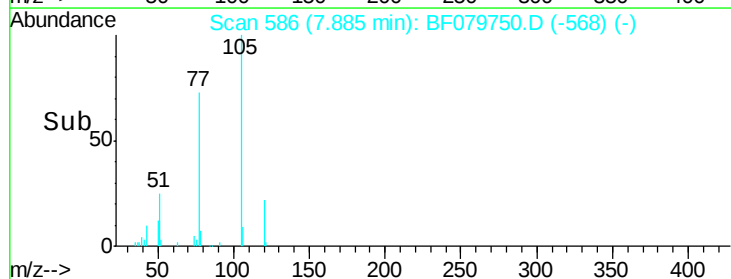
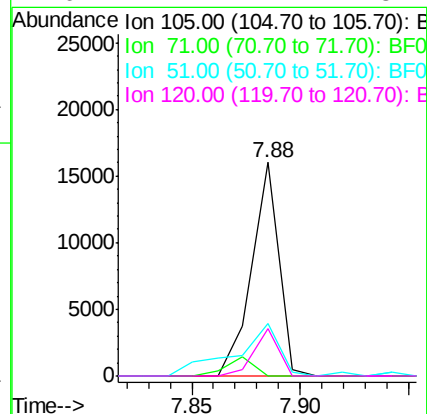
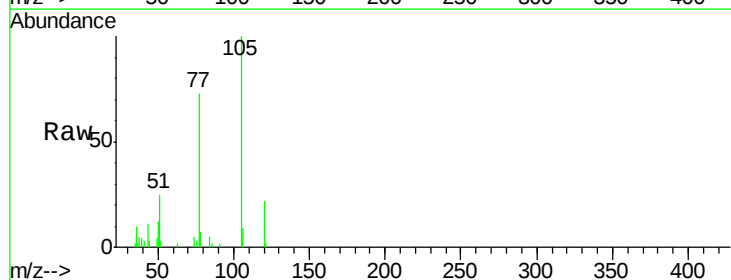
Instrument :
BNA_F
ClientSampleId :
SW-024MSD

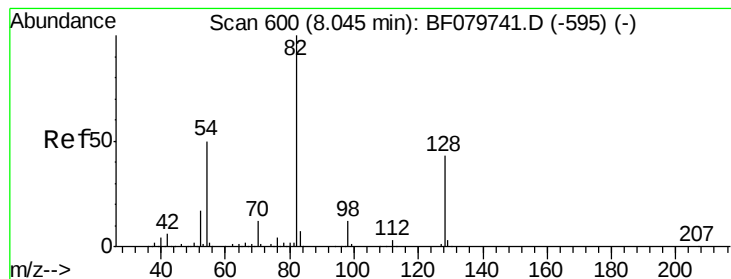
Tot Ion:136	Resp:	200355
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.8 13.2
54	5.3	8.7 13.1#
68	4.5	5.8 8.8#



#22
Acetophenone
Concen: 2.89 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:105	Resp:	13835
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.9 1.3#
51	24.7	21.3 31.9
120	22.4	17.1 25.7





#23

Nitrobenzene-d5

Concen: 2.18 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

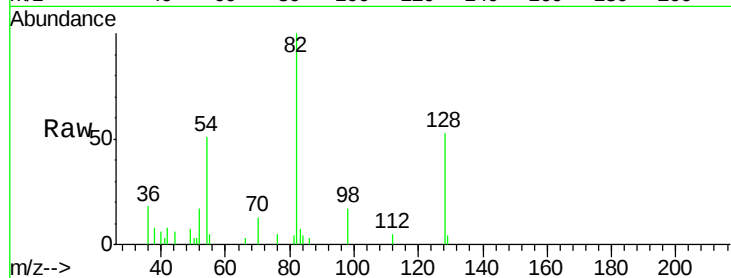
Tot Ion: 82 Resp: 14244

Ion Ratio Lower Upper

82 100

128 52.6 37.6 56.4

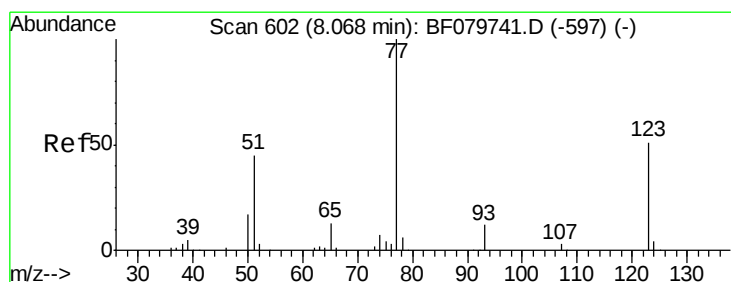
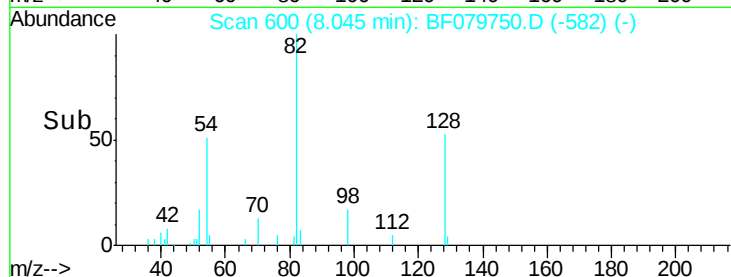
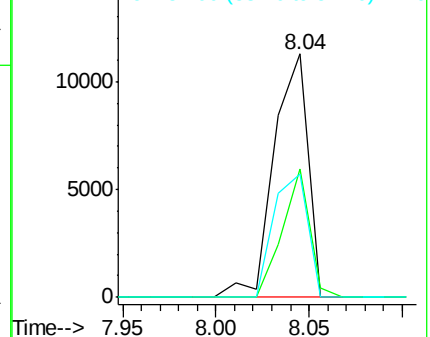
54 50.7 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 2.39 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

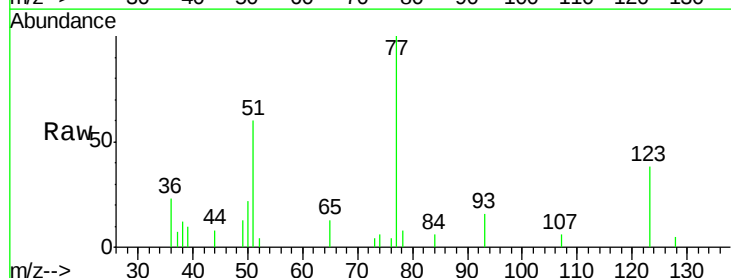
Tgt Ion: 77 Resp: 7786

Ion Ratio Lower Upper

77 100

123 38.0 28.1 42.1

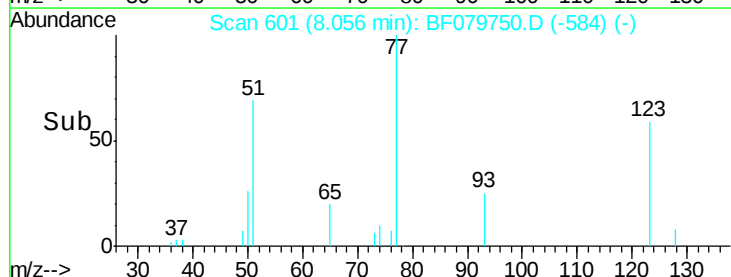
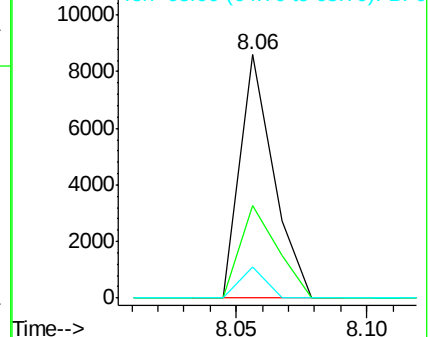
65 12.8 10.9 16.3

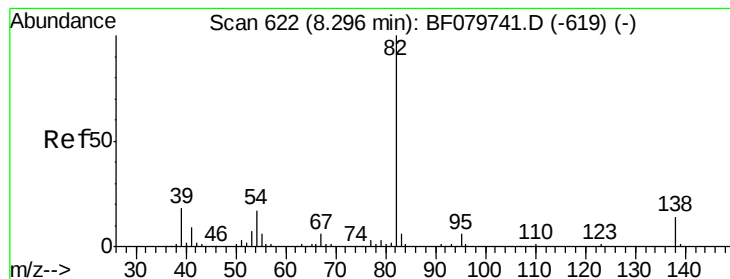


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.89 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

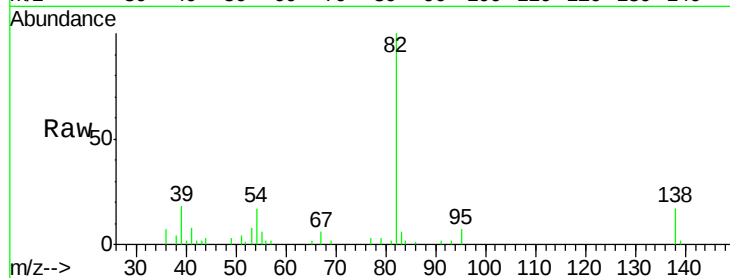
Tot Ion: 82 Resp: 19261

Ion Ratio Lower Upper

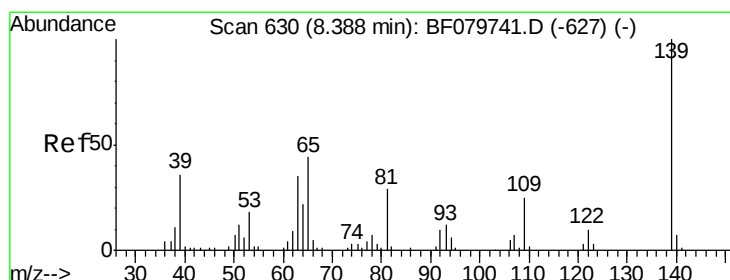
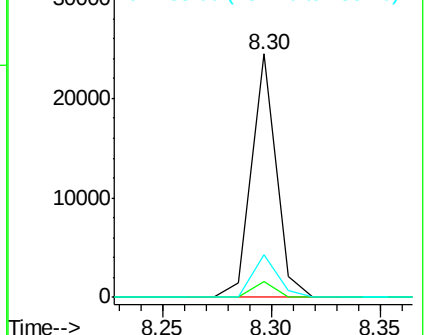
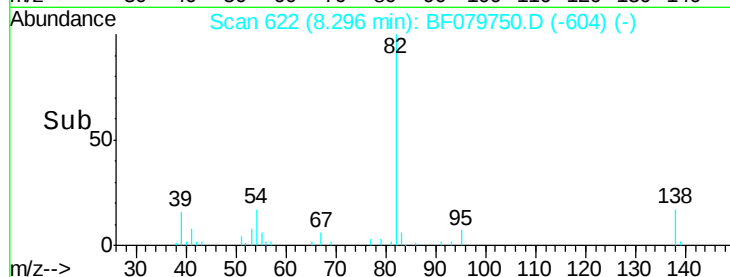
82 100

95 6.6 5.3 7.9

138 17.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF079750.D (-604) (-)



#26

2-Nitrophenol

Concen: 1.97 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

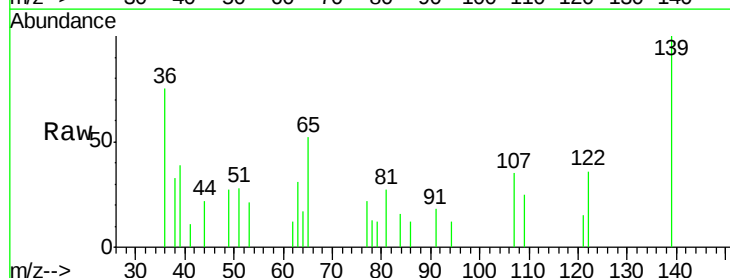
Tgt Ion: 139 Resp: 2701

Ion Ratio Lower Upper

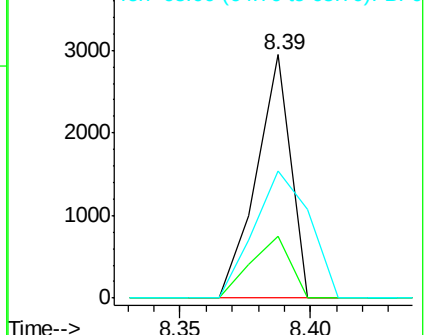
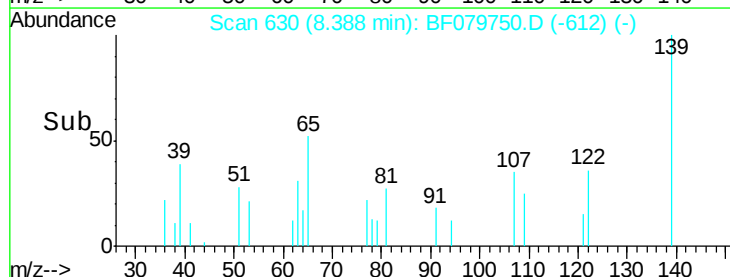
139 100

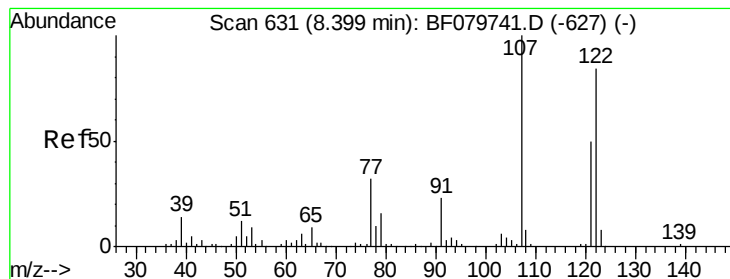
109 25.3 17.5 26.3

65 52.4 34.6 52.0#



Abundance Ion 139.00 (138.70 to 139.70): BF079750.D (-612) (-)





#27

2,4-Dimethylphenol

Concen: 2.95 ng

RT: 8.40 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

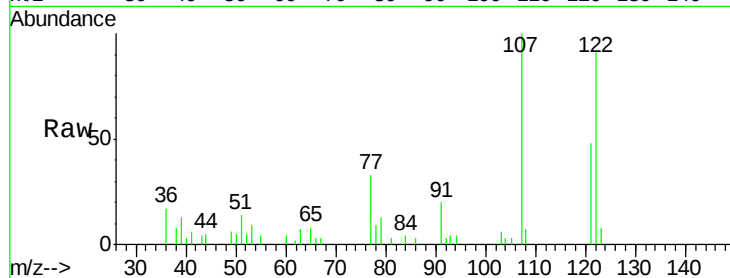
Tot Ion:122 Resp: 9098

Ion Ratio Lower Upper

122 100

107 109.7 88.5 132.7

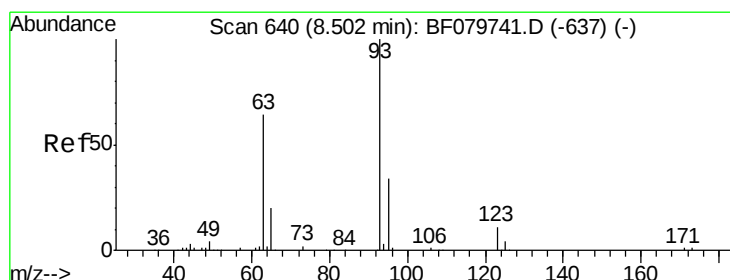
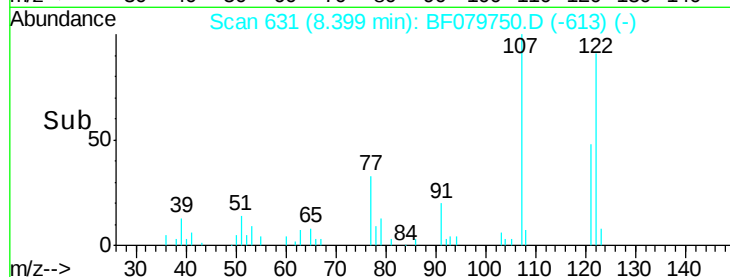
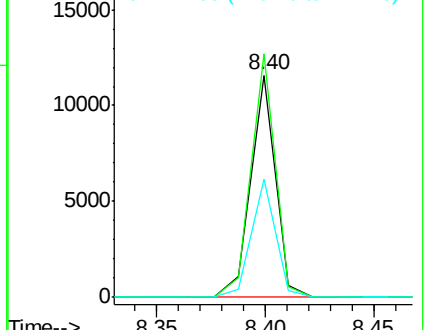
121 53.1 46.5 69.7



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: 2.68 ng

RT: 8.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

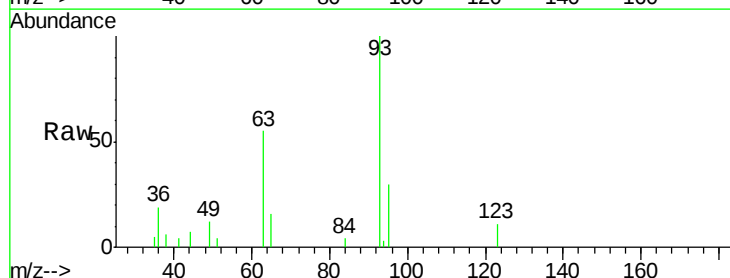
Tgt Ion: 93 Resp: 11037

Ion Ratio Lower Upper

93 100

95 29.7 25.5 38.3

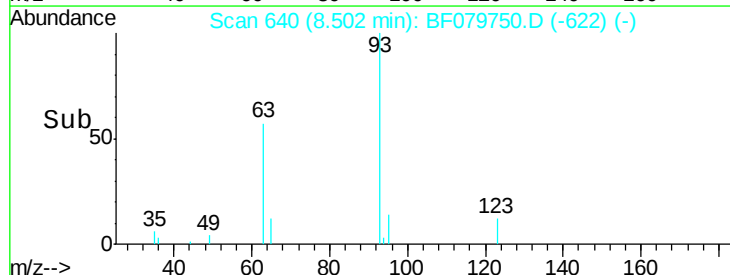
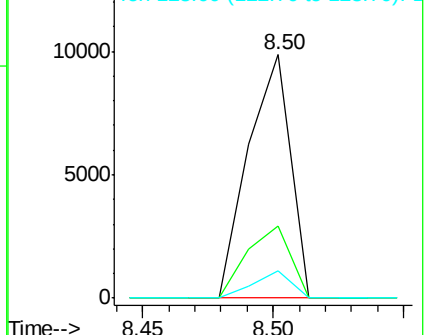
123 11.1 7.3 10.9#

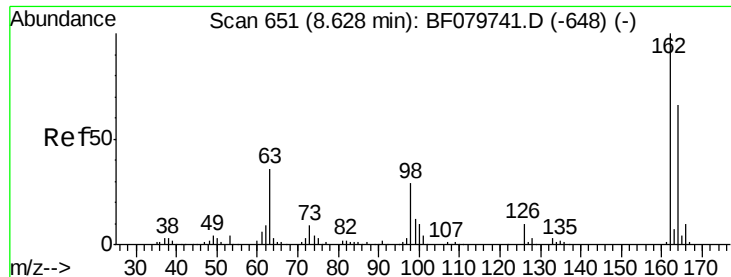


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

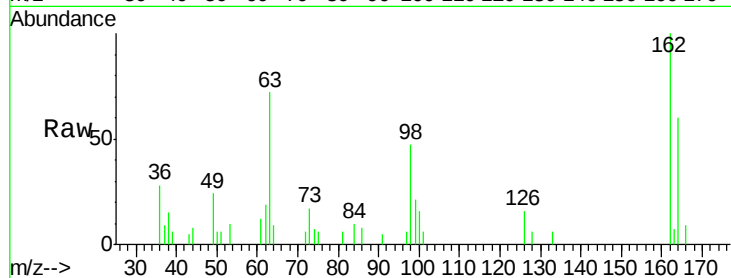




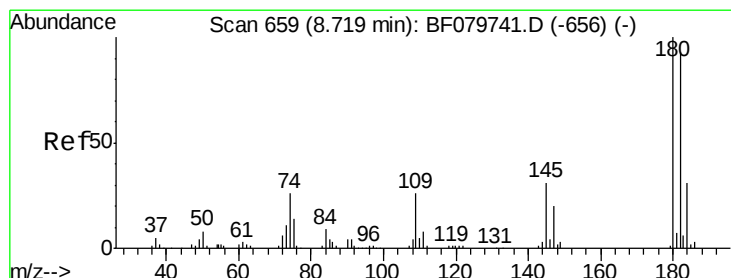
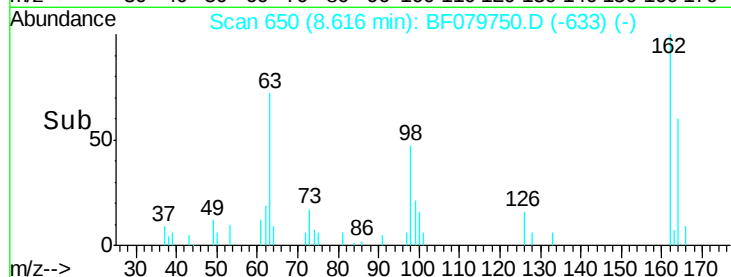
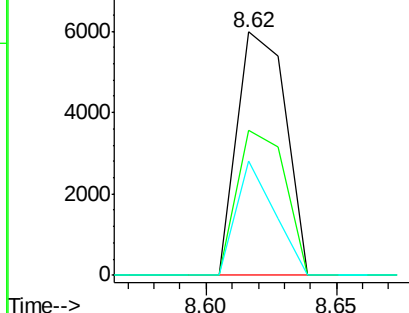
#29
 2,4-Dichlorophenol
 Concen: 2.82 ng
 RT: 8.62 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

Tot Ion:162 Resp: 7797
 Ion Ratio Lower Upper
 162 100
 164 59.6 42.8 82.8
 98 47.1 23.2 63.2

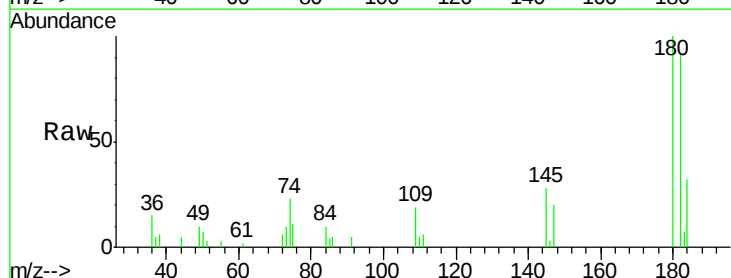


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

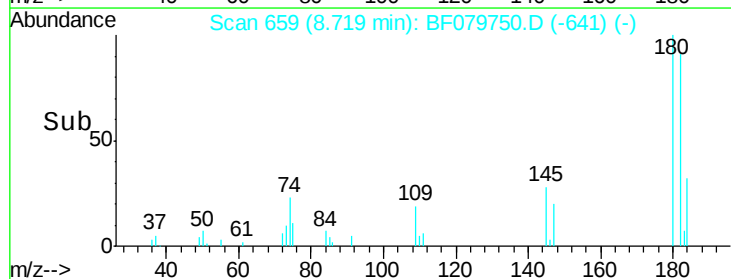
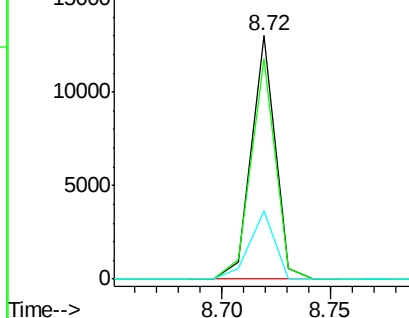


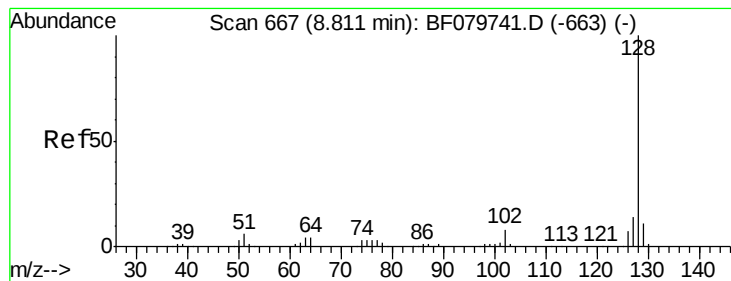
#30
 1,2,4-Trichlorobenzene
 Concen: 2.97 ng
 RT: 8.72 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion:180 Resp: 9989
 Ion Ratio Lower Upper
 180 100
 182 90.8 78.4 117.6
 145 27.8 22.3 33.5



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: 2.92 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

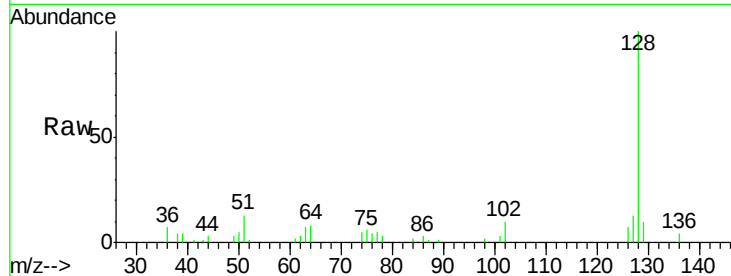
Tot Ion:128 Resp: 30673

Ion Ratio Lower Upper

128 100

129 10.3 9.4 14.2

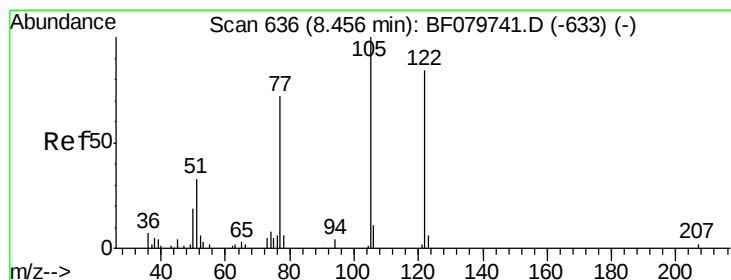
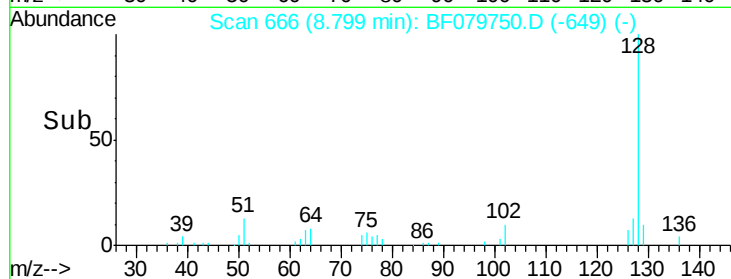
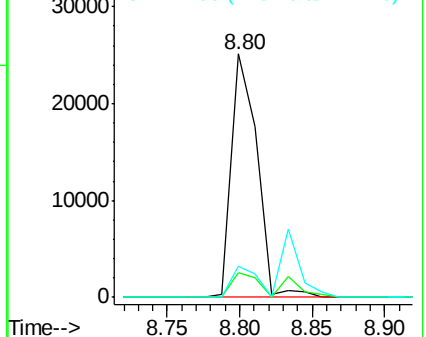
127 12.7 10.7 16.1



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: 12.04 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

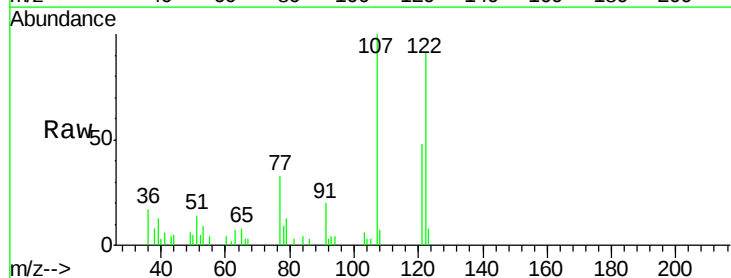
Tgt Ion:122 Resp: 9098

Ion Ratio Lower Upper

122 100

105 2.9 106.7 146.7#

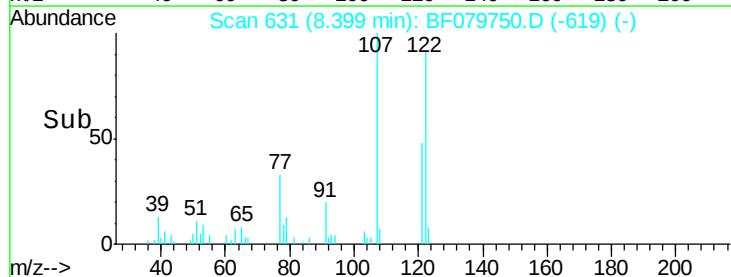
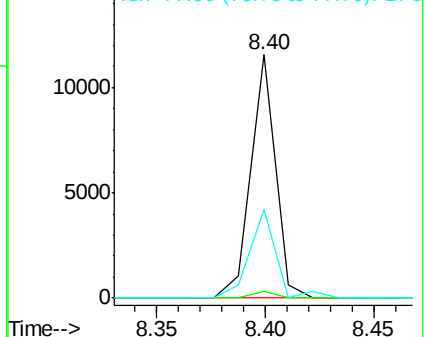
77 36.2 68.9 108.9#

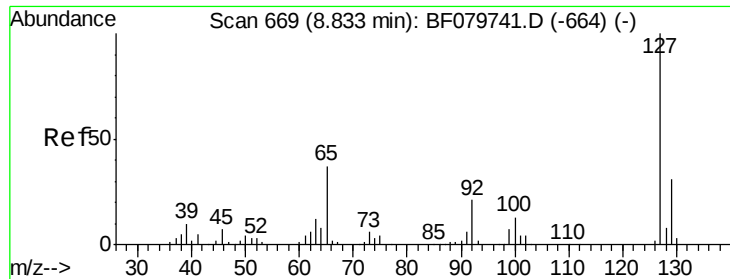


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

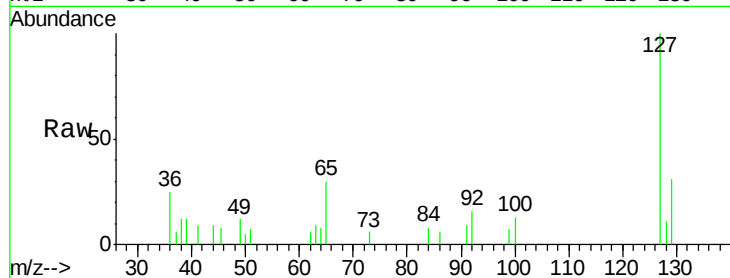




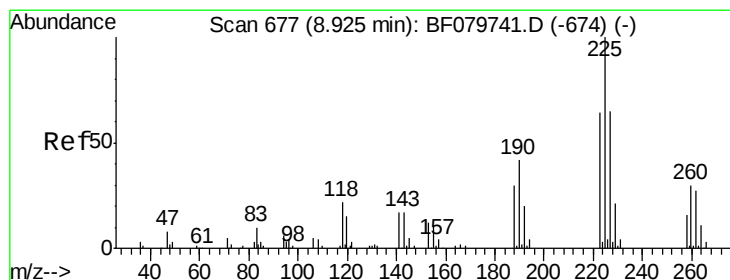
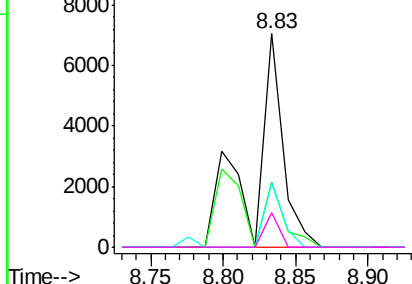
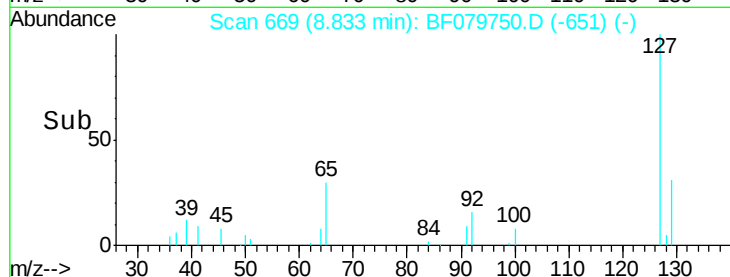
#33
4-Chloroaniline
Concen: 1.89 ng
RT: 8.83 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion:	127	Resp:	10103
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.8	40.2
65	30.3	22.9	34.3
92	16.0	15.2	22.8

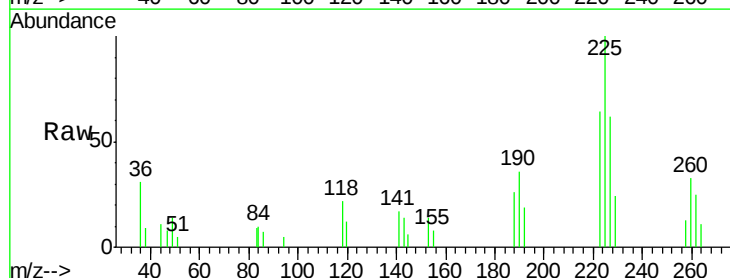


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

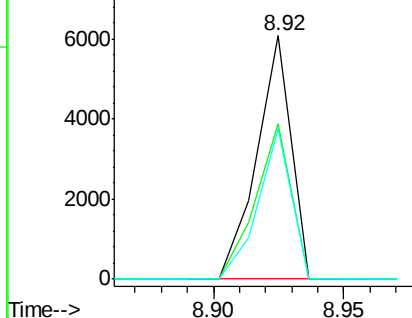
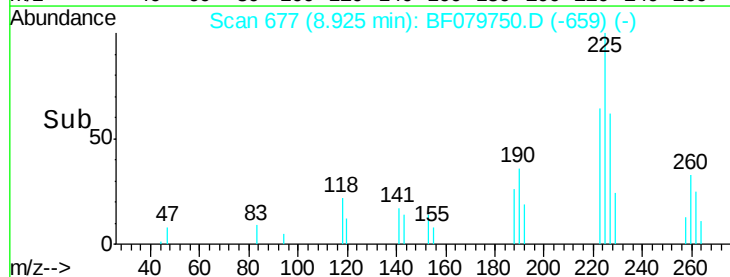


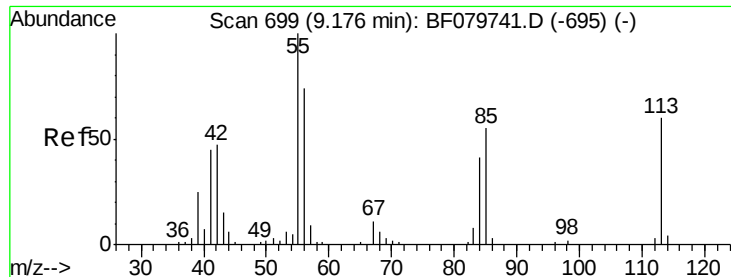
#34
Hexachlorobutadiene
Concen: 2.70 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:	225	Resp:	5528
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.9	77.9
227	61.6	52.0	78.0



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





#35

Caprolactam

Concen: 2.35 ng

RT: 9.15 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampled :

SW-024MSD

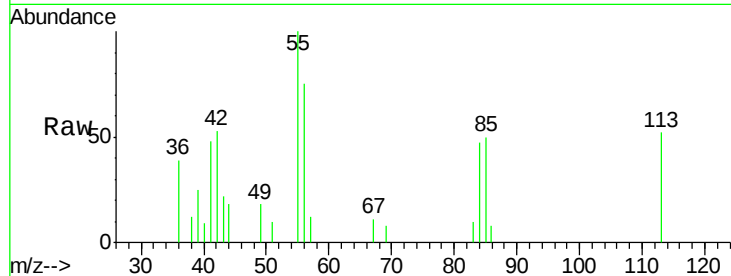
Tot Ion:113 Resp: 1985

Ion Ratio Lower Upper

113 100

55 191.3 186.6 226.6

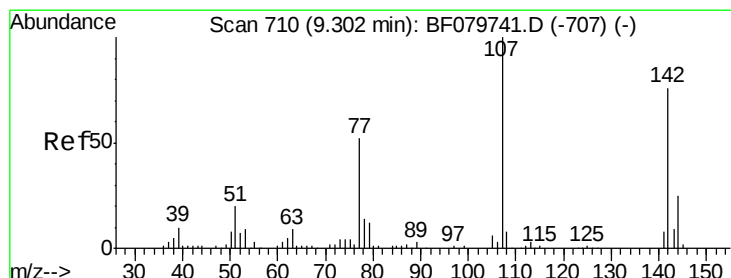
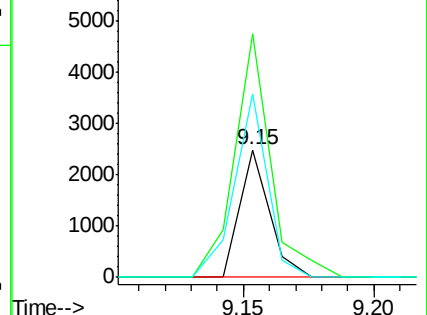
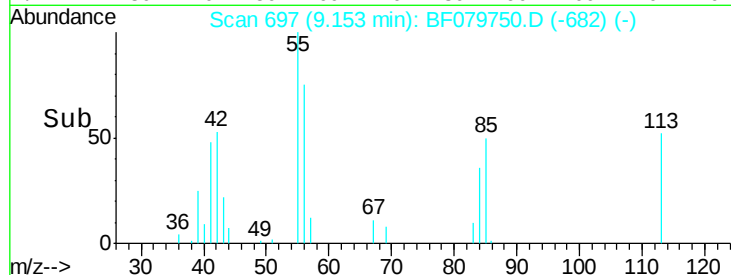
56 143.6 137.8 177.8



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: 2.42 ng

RT: 9.30 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

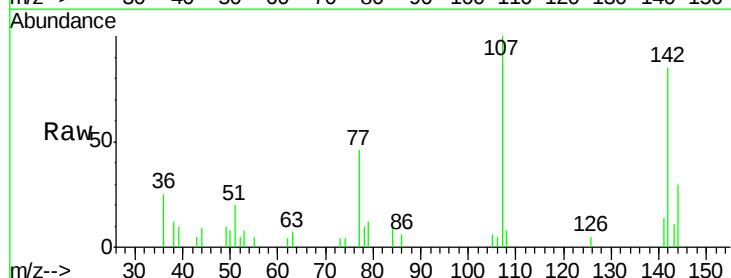
Tgt Ion:107 Resp: 7479

Ion Ratio Lower Upper

107 100

144 29.7 24.5 36.7

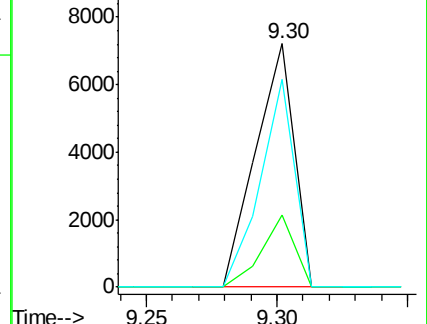
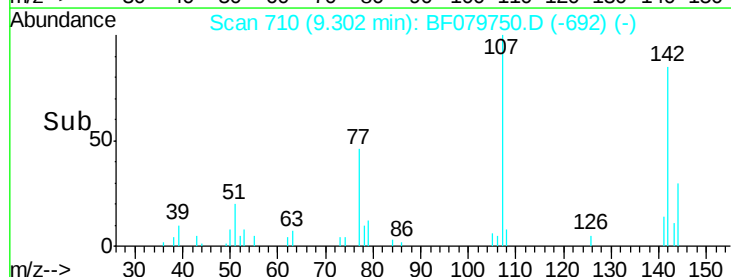
142 85.4 74.6 112.0

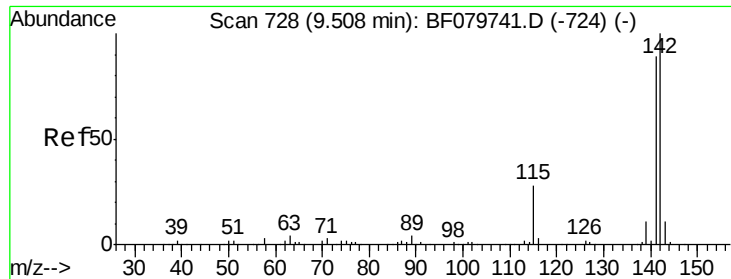


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

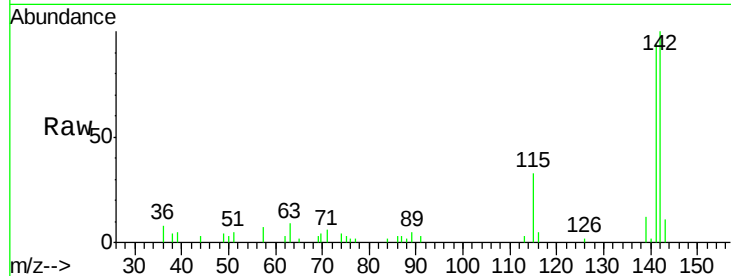




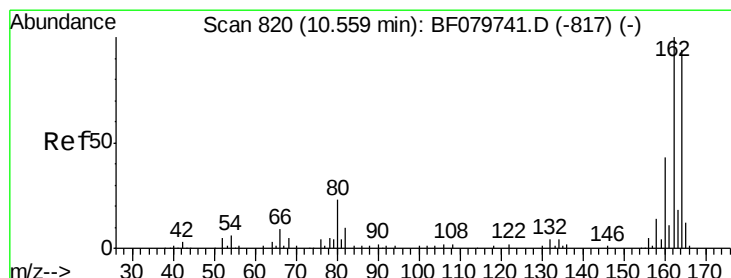
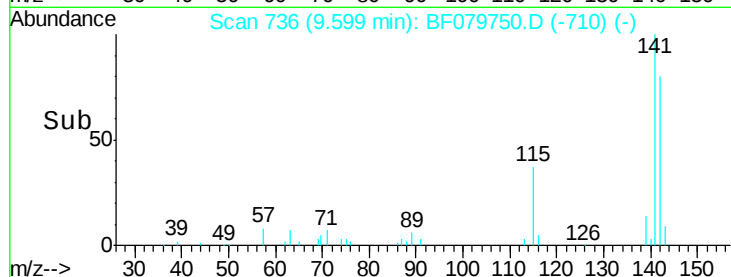
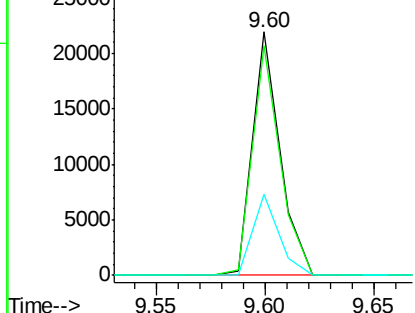
#37
2-Methylnaphthalene
Concen: 2.88 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.09 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion:142 Resp: 19220
Ion Ratio Lower Upper
142 100
141 94.4 72.8 109.2
115 33.3 26.9 40.3

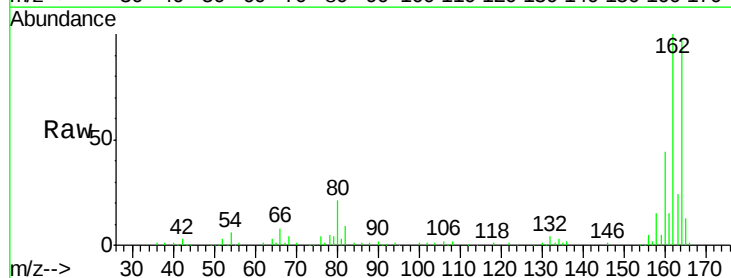


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

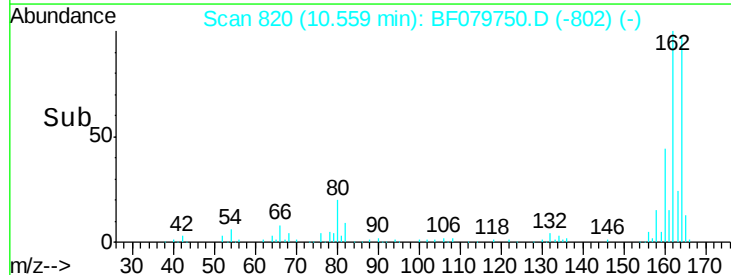
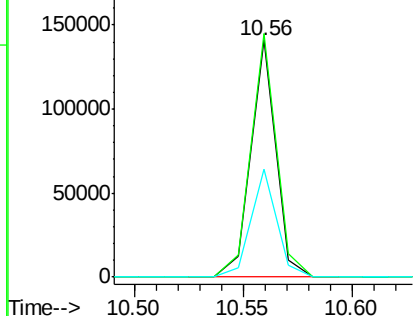


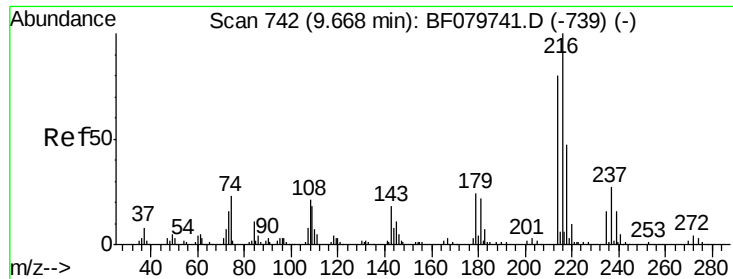
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:164 Resp: 112255
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.7 36.8 55.2



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: 2.97 ng

RT: 9.67 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

Tot Ion:216 Resp: 10390

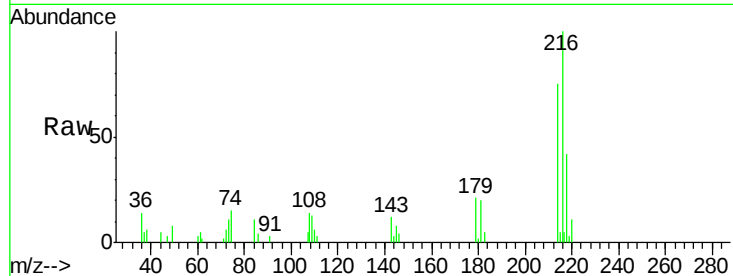
Ion Ratio Lower Upper

216 100

214 73.2 62.2 93.4

179 18.3 16.6 24.8

108 12.0 13.4 20.0#

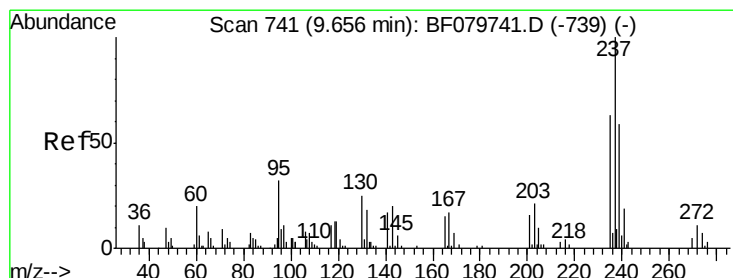
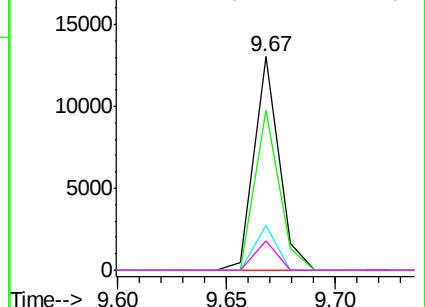
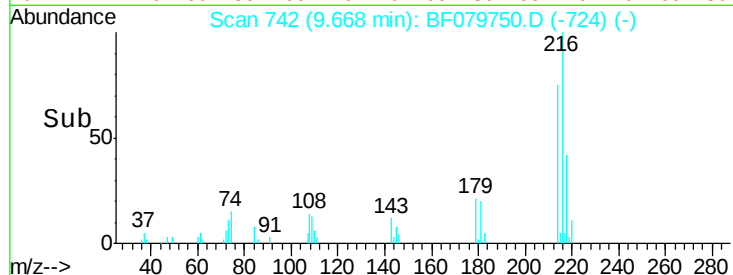


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.18 ng

RT: 9.66 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

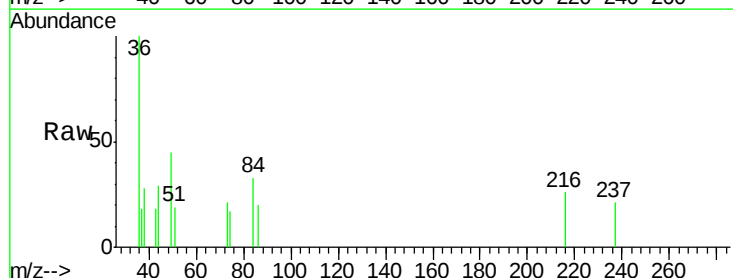
Tgt Ion:237 Resp: 266

Ion Ratio Lower Upper

237 100

235 0.0 41.9 81.9#

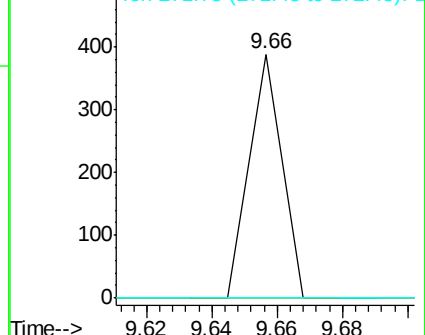
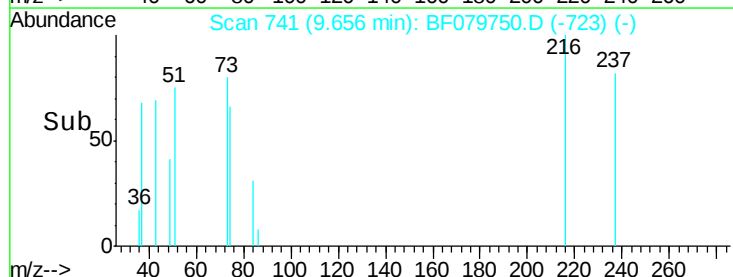
272 0.0 0.0 32.1

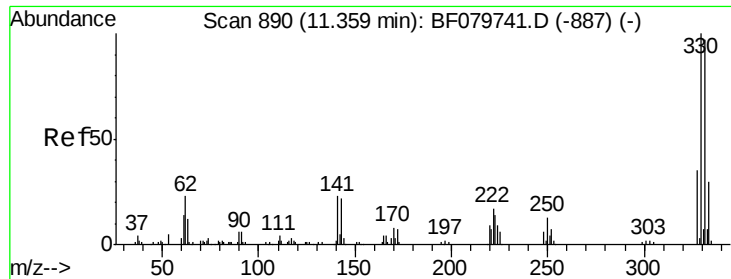


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

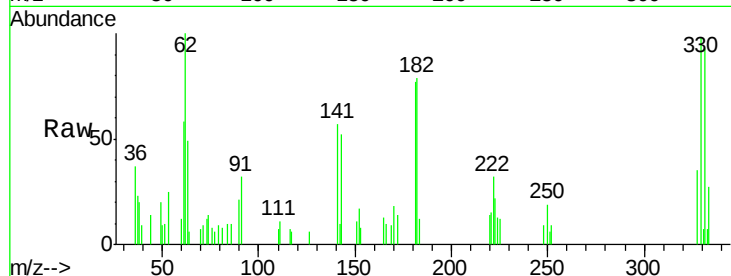




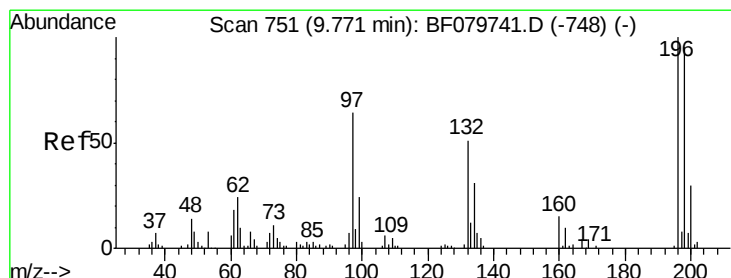
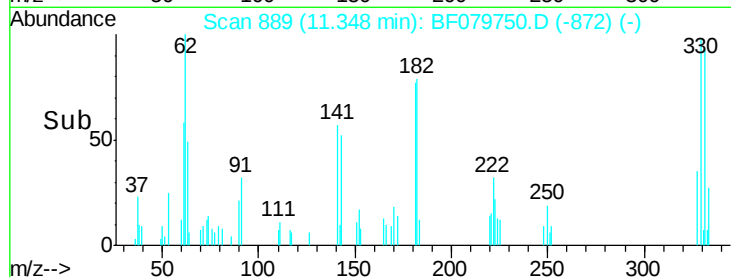
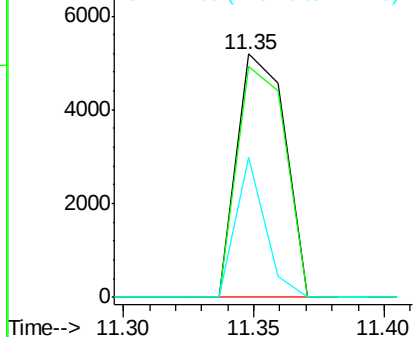
#41
 2,4,6-Tribromophenol
 Concen: 3.12 ng
 RT: 11.35 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

Tot Ion:330 Resp: 6692
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 35.4 30.2 45.2

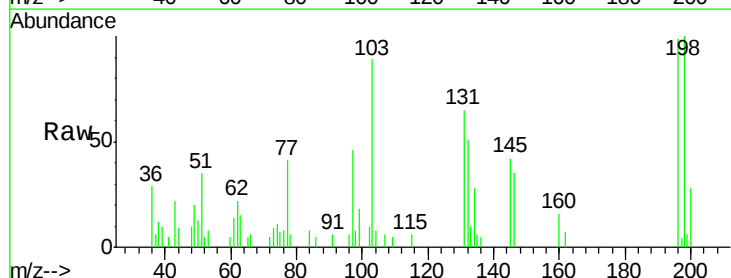


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

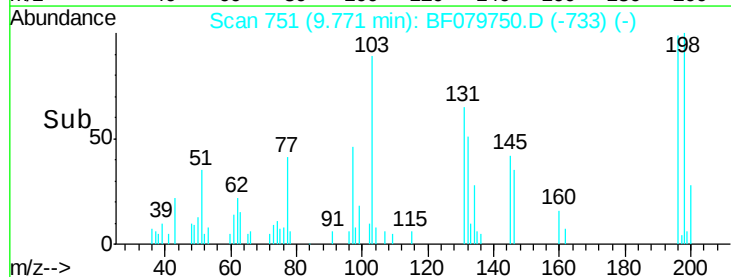
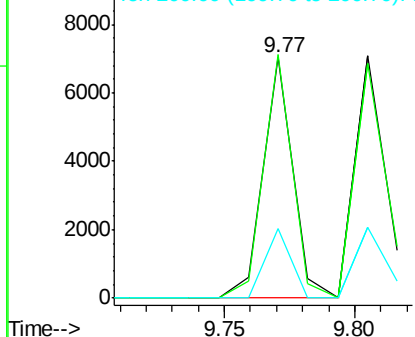


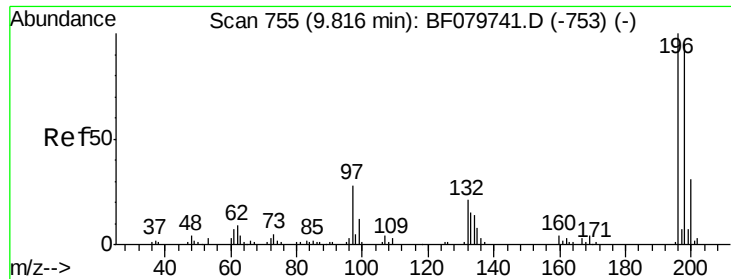
#42
 2,4,6-Trichlorophenol
 Concen: 2.42 ng
 RT: 9.77 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion:196 Resp: 5625
 Ion Ratio Lower Upper
 196 100
 198 101.0 76.8 115.2
 200 28.8 24.5 36.7



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

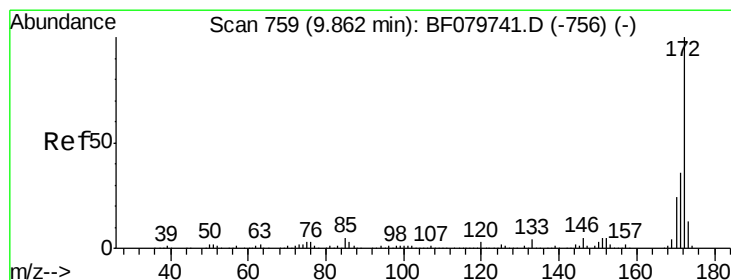
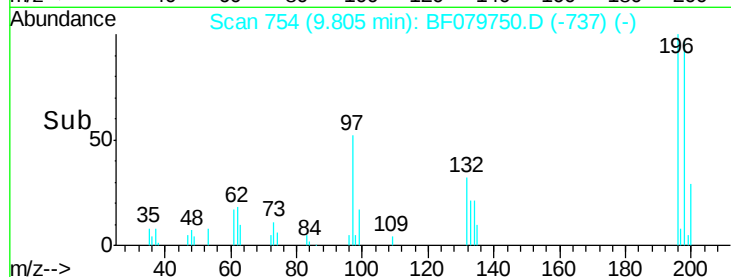
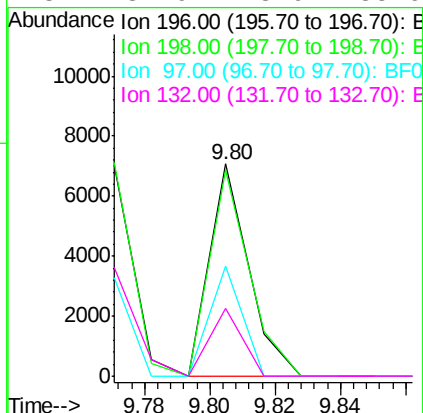
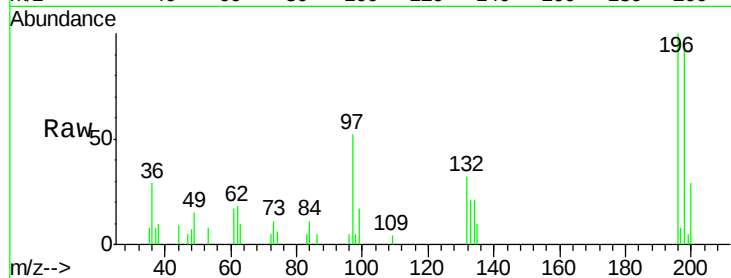




#43
 2,4,5-Trichlorophenol
 Concen: 2.38 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

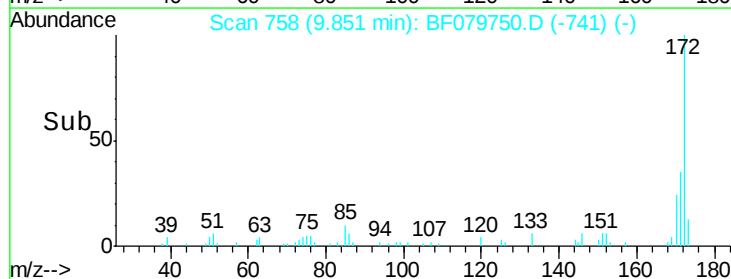
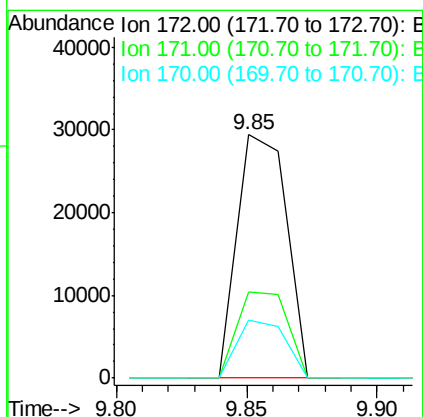
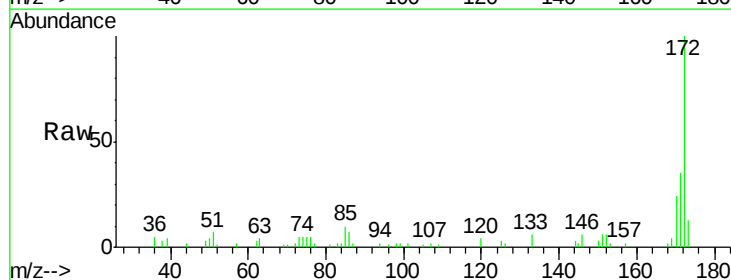
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

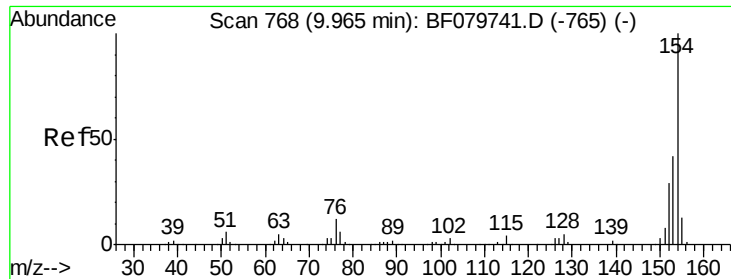
Tot Ion:196 Resp: 5811
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.9 115.3
 97 51.7 38.9 58.3
 132 31.9 23.9 35.9



#44
 2-Fluorobiphenyl
 Concen: 2.35 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion:172 Resp: 38970
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 23.6 19.7 29.5

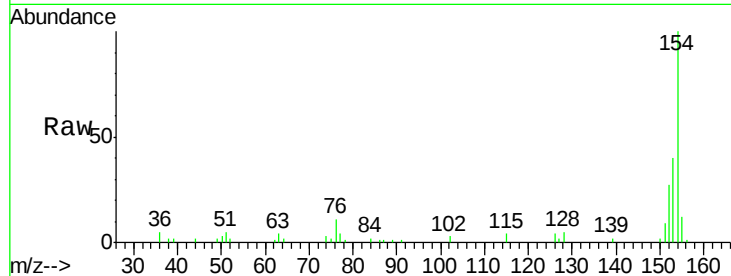




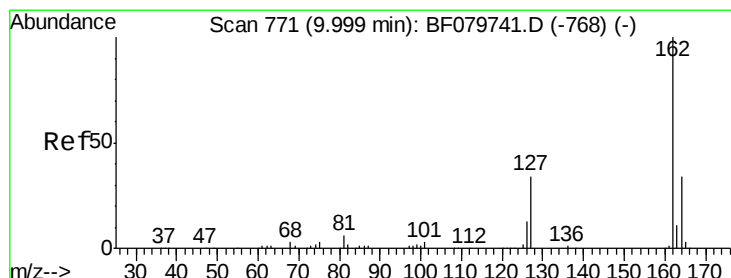
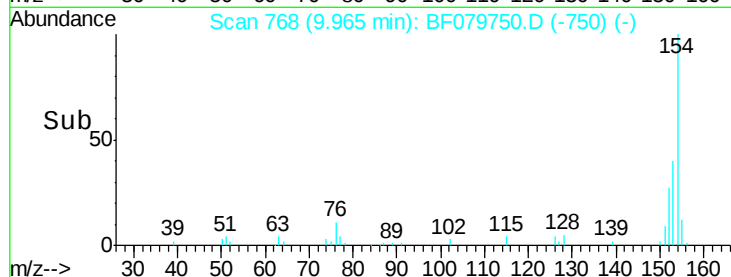
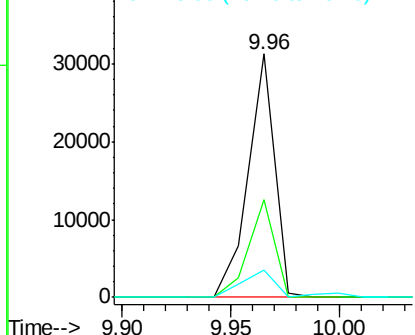
#45
 1,1'-Biphenyl
 Concen: 2.70 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.9	59.9
76	11.2	0.0	28.2

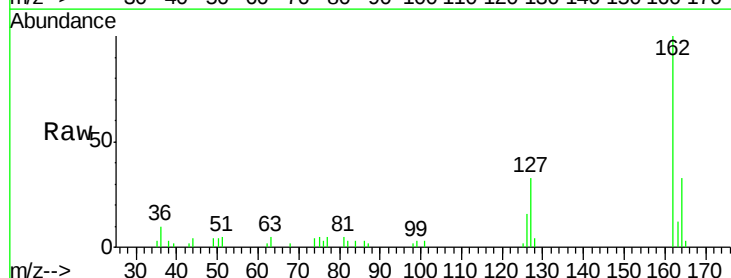


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

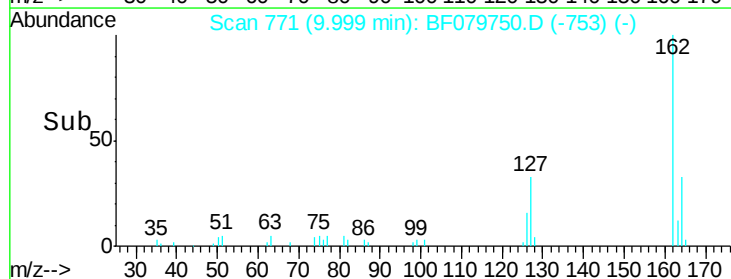
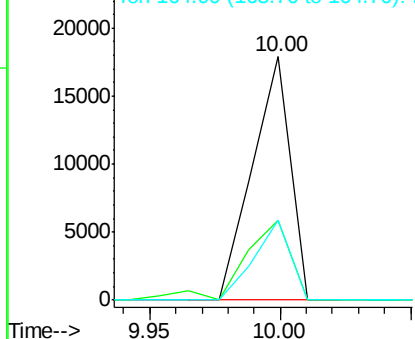


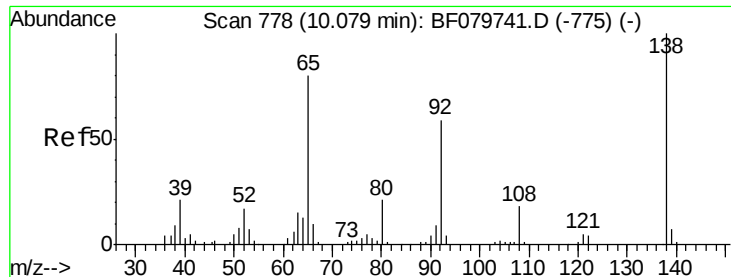
#46
 2-Chloronaphthalene
 Concen: 2.28 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.8	35.4	53.2#
164	32.7	26.3	39.5



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

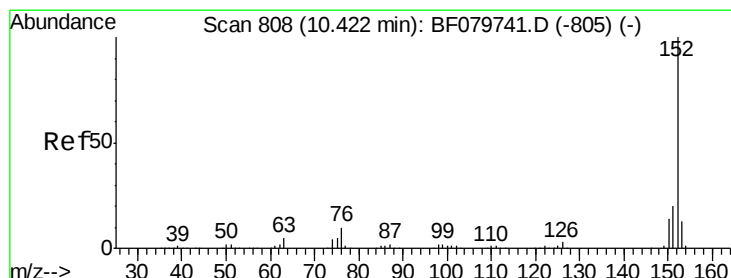
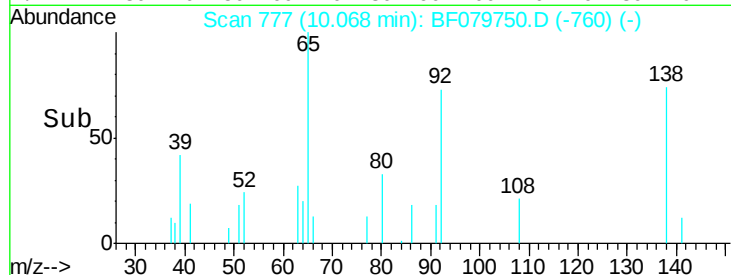
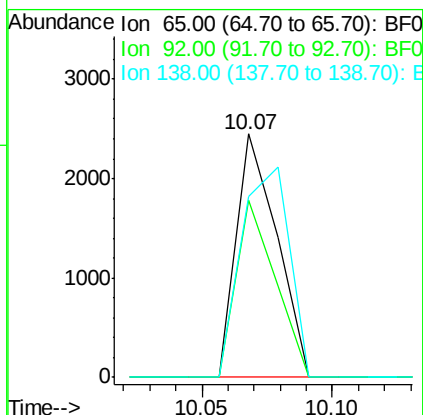
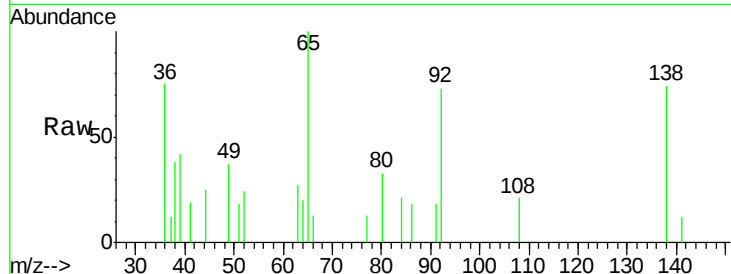




#47
2-Nitroaniline
Concen: 1.58 ng
RT: 10.07 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

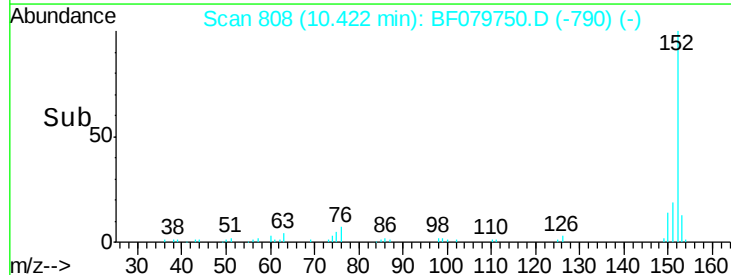
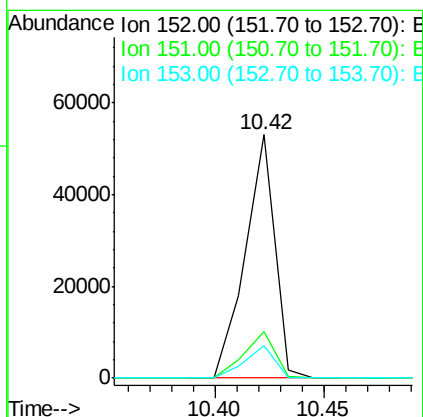
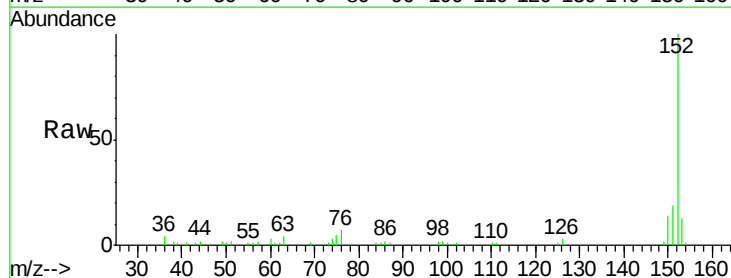
Instrument :
BNA_F
ClientSampleId :
SW-024MSD

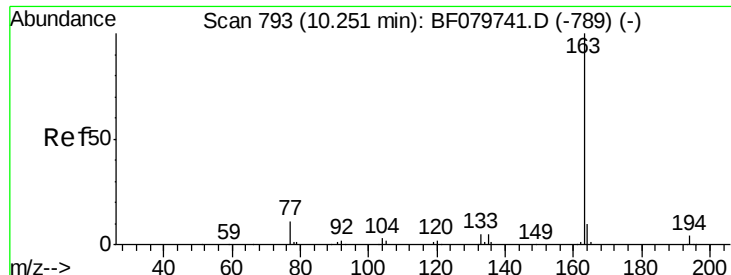
Tot Ion: 65 Resp: 2644
Ion Ratio Lower Upper
65 100
92 72.6 49.0 73.6
138 74.4 67.7 101.5



#48
Acenaphthylene
Concen: 3.79 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion: 152 Resp: 49979
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4
153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 3.33 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

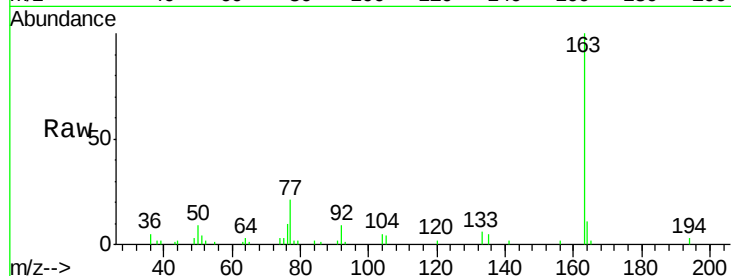
Tot Ion:163 Resp: 28815

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

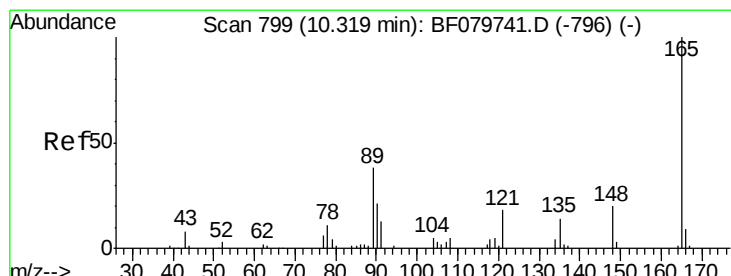
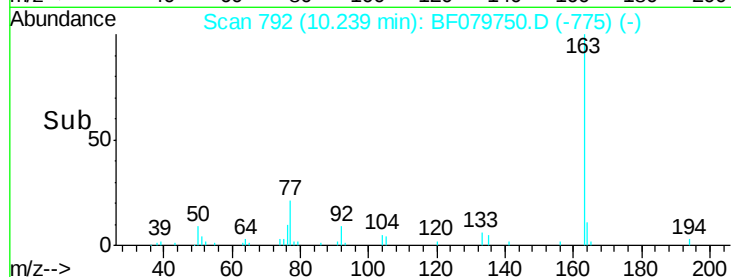
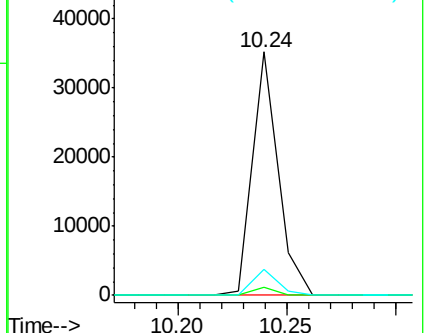
164 10.8 8.5 12.7



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: 2.64 ng

RT: 10.31 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

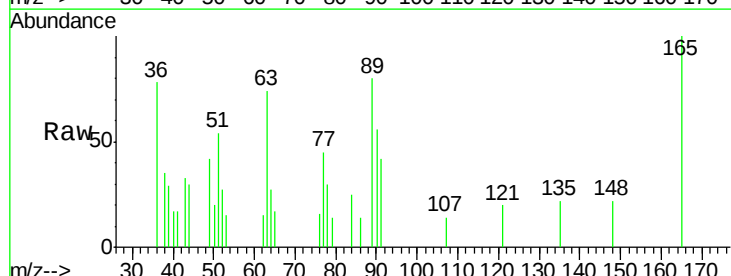
Tgt Ion:165 Resp: 1877

Ion Ratio Lower Upper

165 100

63 74.4 45.2 67.8#

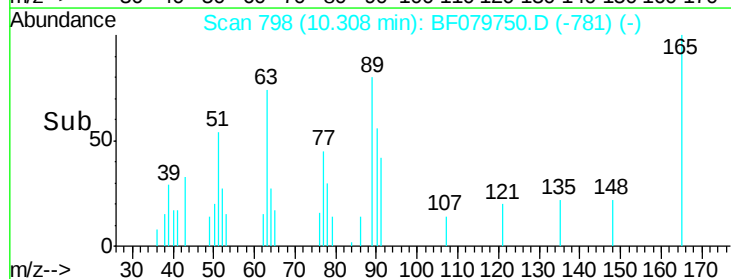
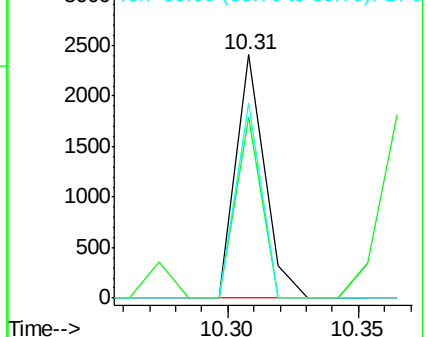
89 80.1 45.9 68.9#

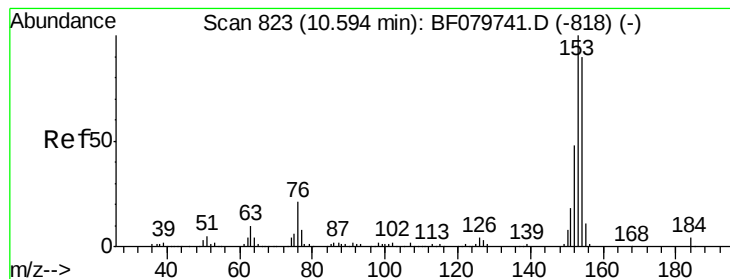


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.33 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

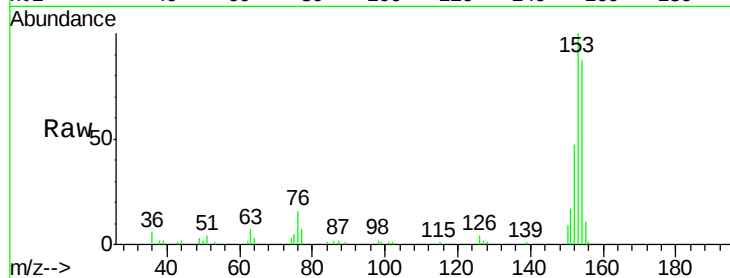
Tot Ion:154 Resp: 24828

Ion Ratio Lower Upper

154 100

153 115.2 90.1 135.1

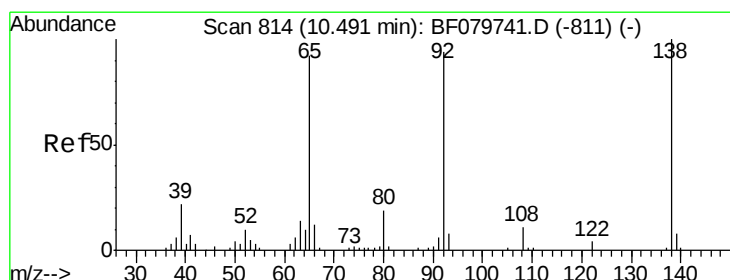
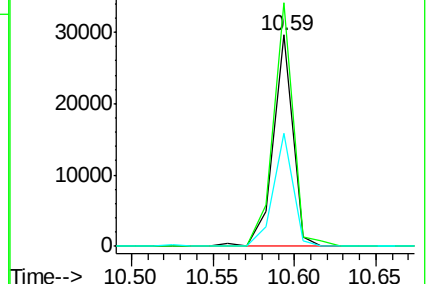
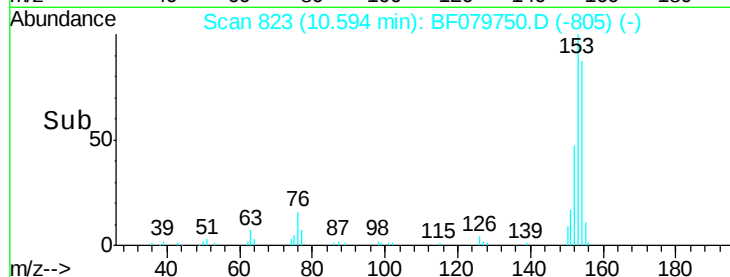
152 53.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.08 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

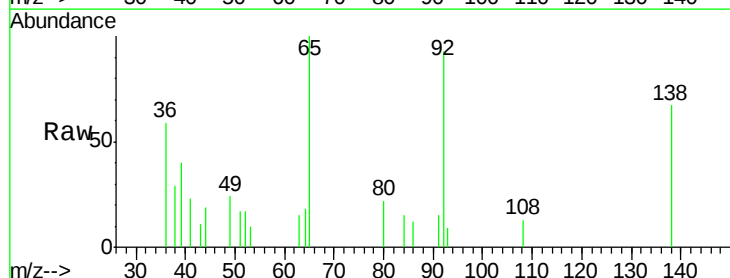
Tgt Ion:138 Resp: 1976

Ion Ratio Lower Upper

138 100

108 19.8 8.9 13.3#

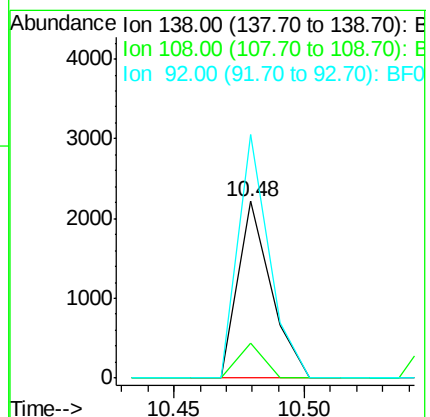
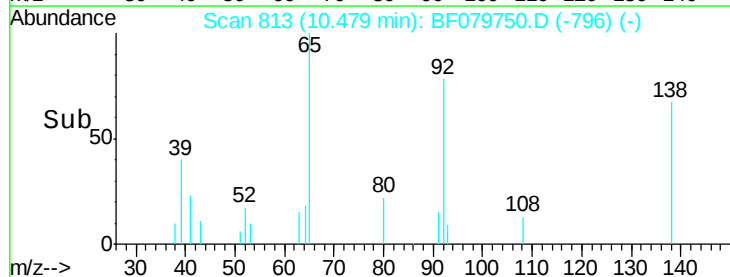
92 137.8 99.0 148.4

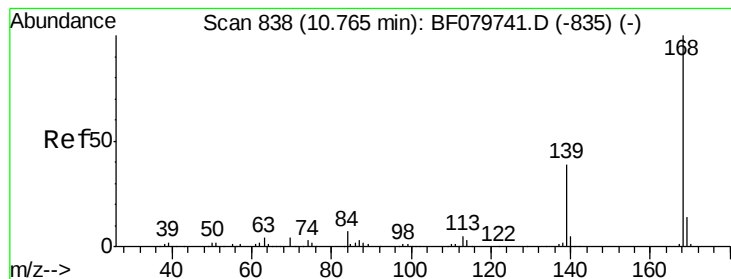


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 3.53 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

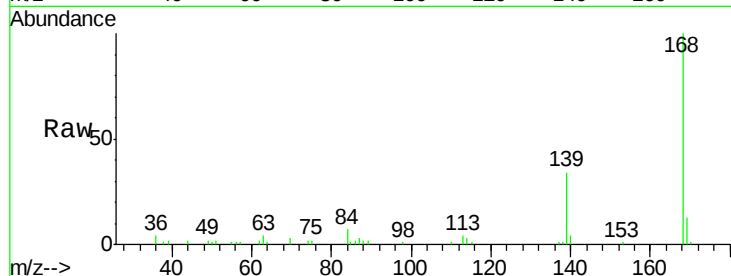
Tot Ion:168 Resp: 37274

Ion Ratio Lower Upper

168 100

139 34.1 27.7 41.5

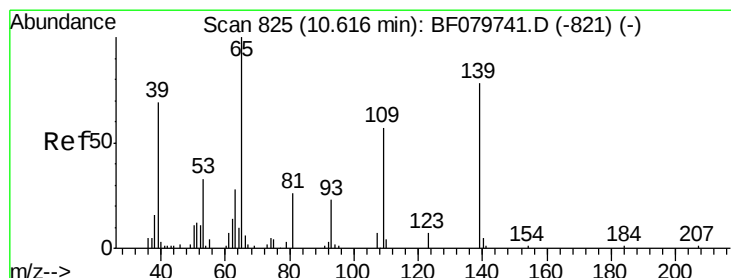
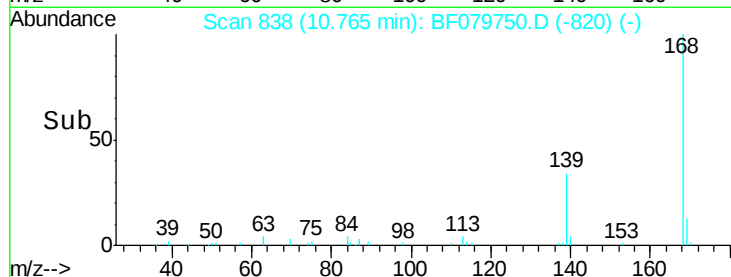
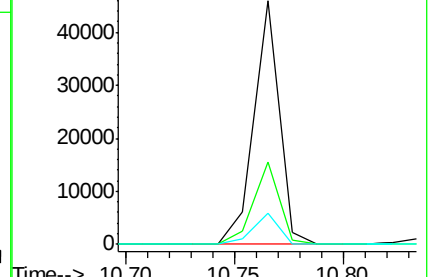
169 12.7 11.0 16.4



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: 3.89 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

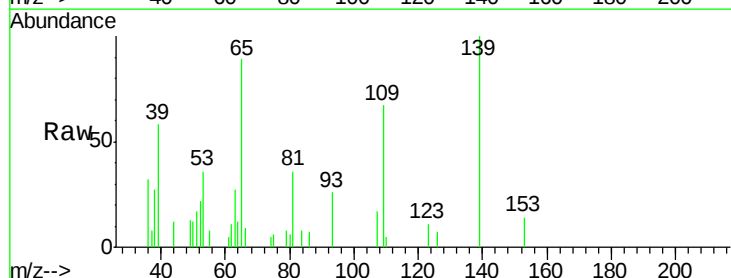
Tgt Ion:139 Resp: 5309

Ion Ratio Lower Upper

139 100

109 66.5 44.2 84.2

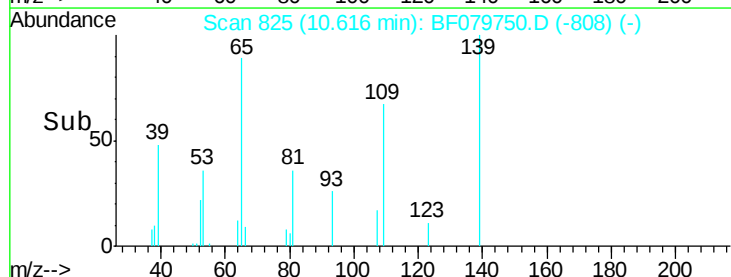
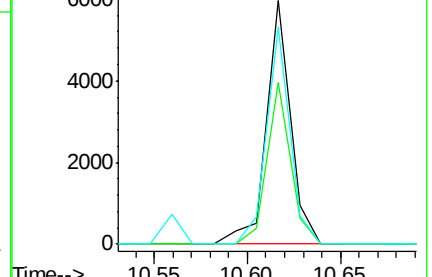
65 89.1 72.3 112.3

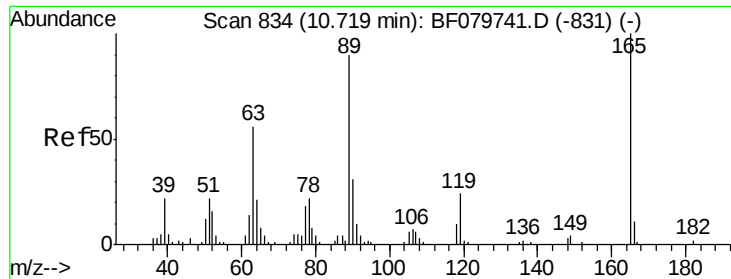


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

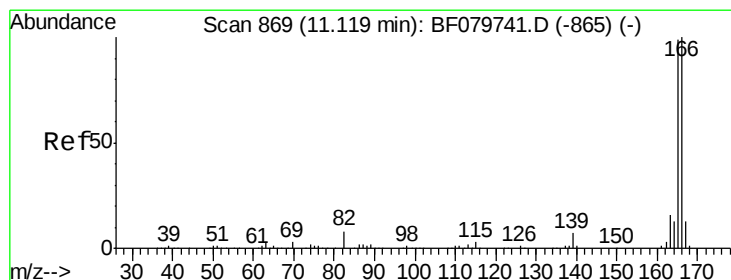
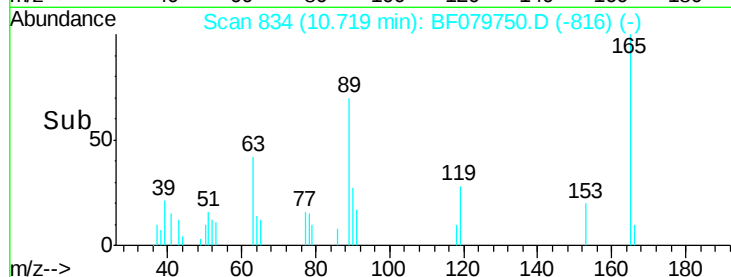
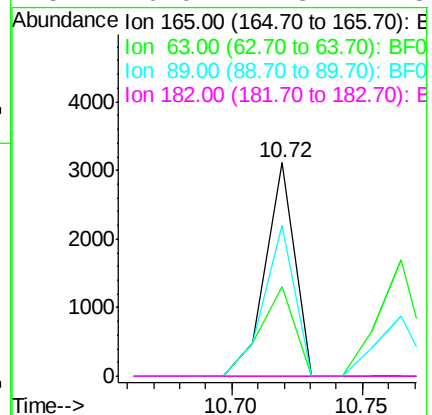
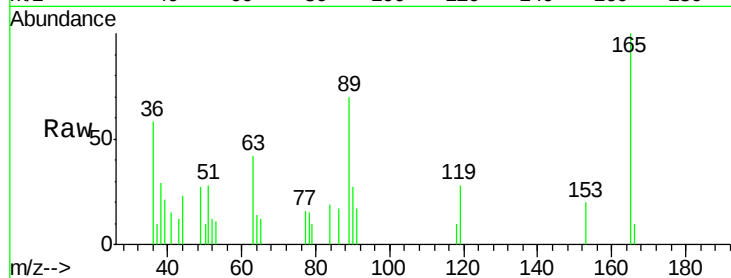




#56
2,4-Dinitrotoluene
Concen: 3.44 ng
RT: 10.72 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

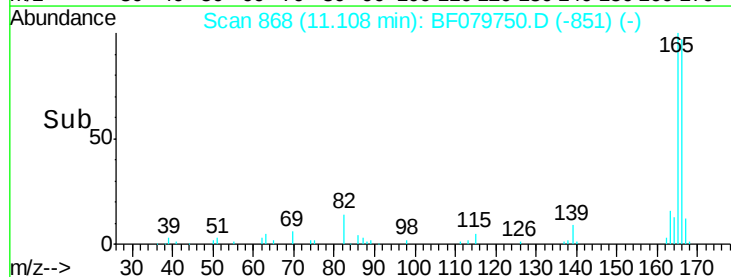
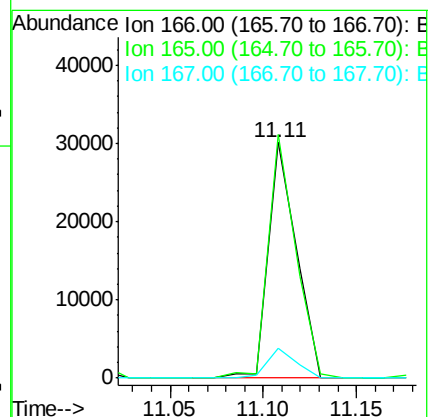
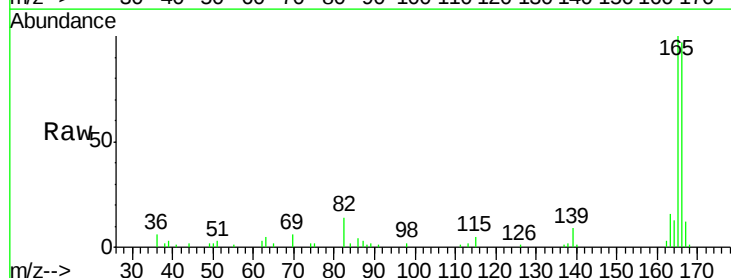
Instrument :
BNA_F
ClientSampleId :
SW-024MSD

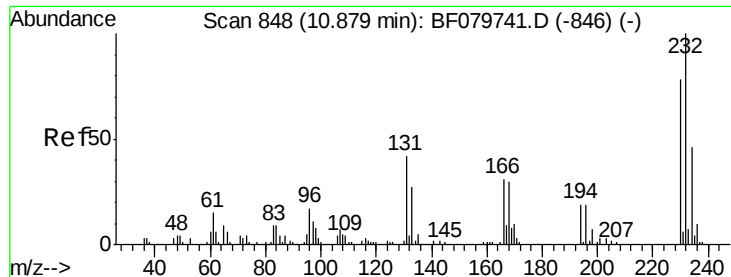
Tot Ion:165 Resp: 2474
Ion Ratio Lower Upper
165 100
63 41.8 24.7 37.1#
89 70.4 45.7 68.5#
182 0.0 1.8 2.8#



#57
Fluorene
Concen: 3.39 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:166 Resp: 30993
Ion Ratio Lower Upper
166 100
165 103.4 79.4 119.0
167 12.5 11.0 16.4

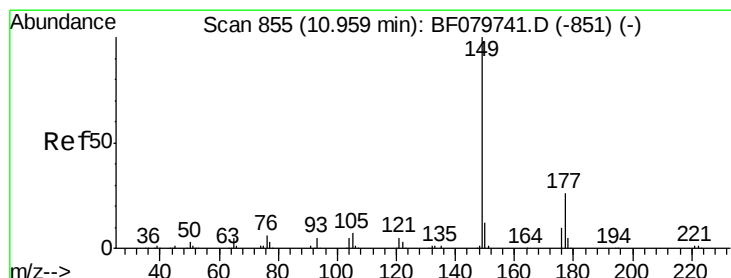
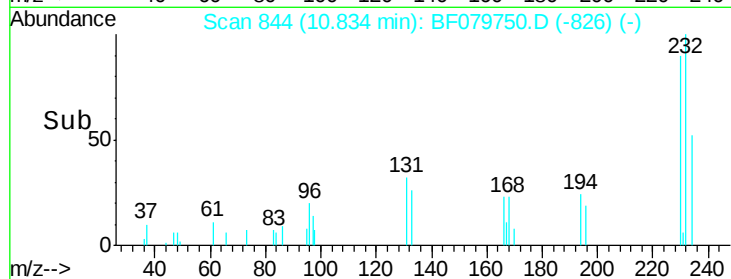
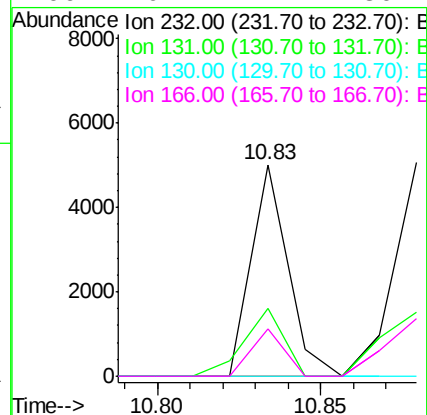
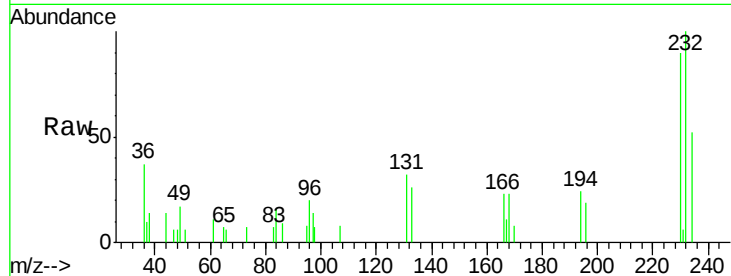




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.05 ng
 RT: 10.83 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

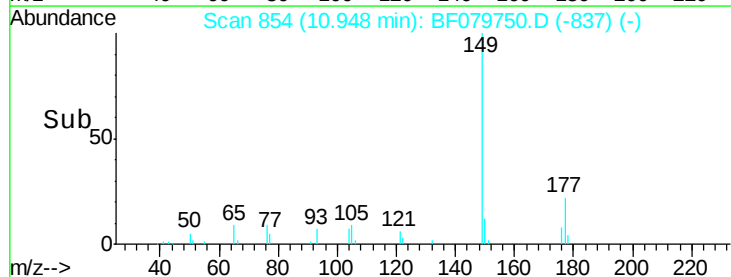
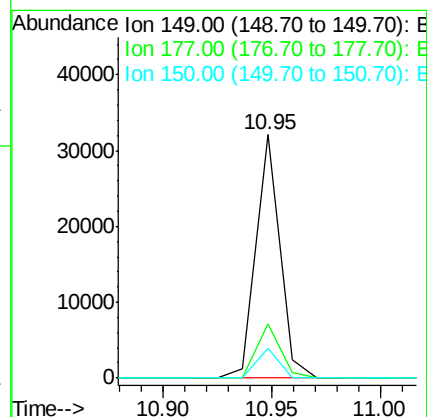
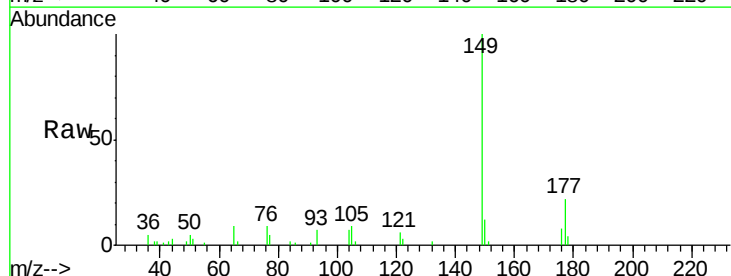
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

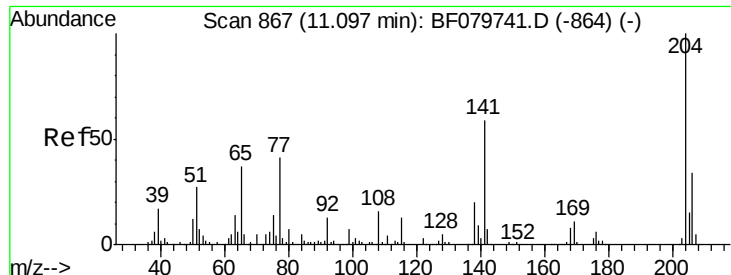
Tot Ion:232 Resp: 3882
 Ion Ratio Lower Upper
 232 100
 131 34.9 36.5 54.7#
 130 0.0 1.8 2.8#
 166 20.1 24.2 36.4#



#59
 Diethylphthalate
 Concen: 2.91 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion:149 Resp: 24604
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.1 27.1
 150 12.2 10.5 15.7

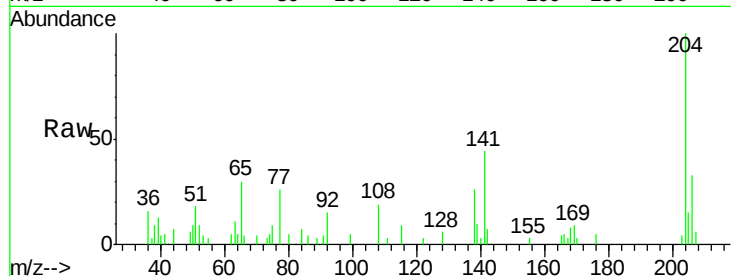




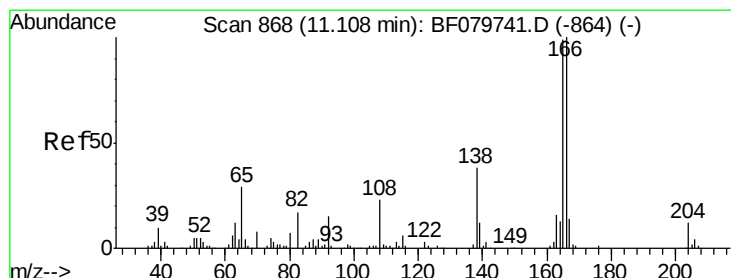
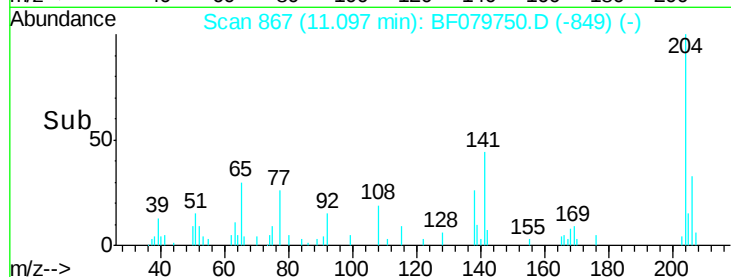
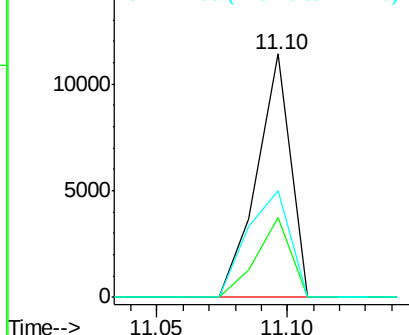
#60
4-Chlorophenyl-phenylether
Concen: 2.50 ng
RT: 11.10 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion:204 Resp: 10358
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 44.0 56.5 84.7#

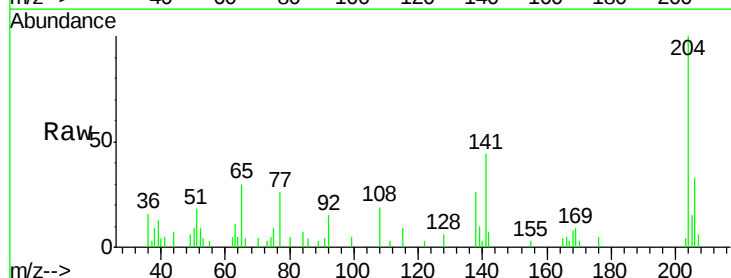


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

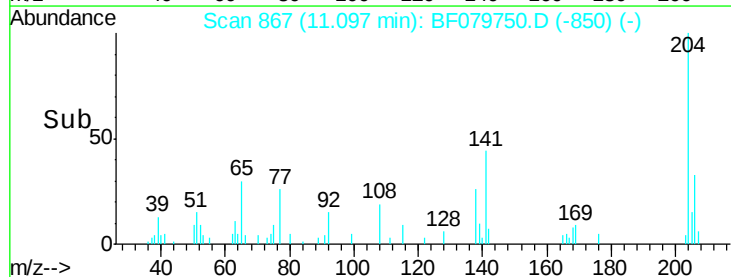
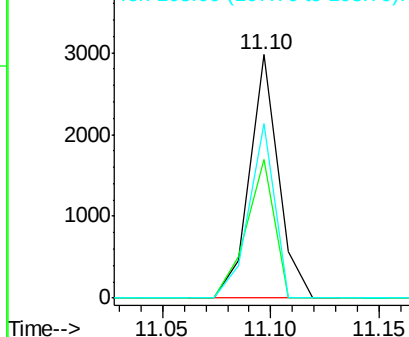


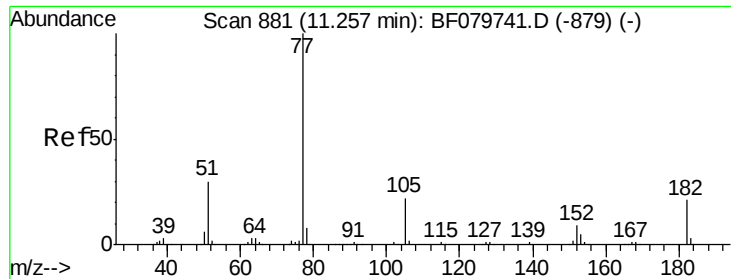
#61
4-Nitroaniline
Concen: 1.67 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:138 Resp: 2750
Ion Ratio Lower Upper
138 100
92 57.0 38.2 78.2
108 71.5 53.8 93.8



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

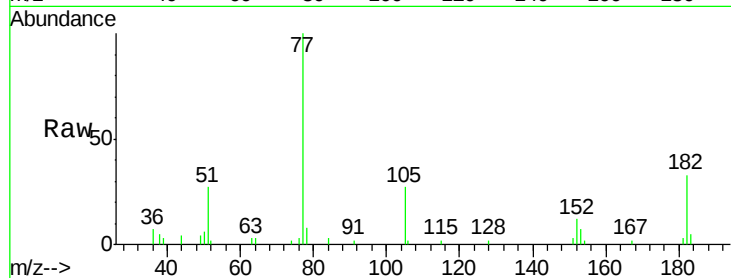




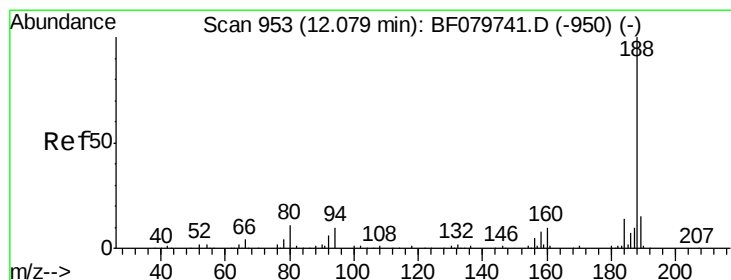
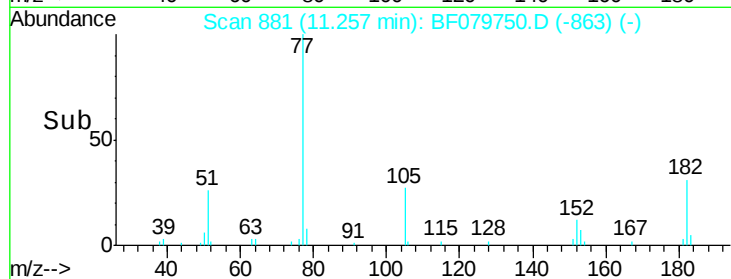
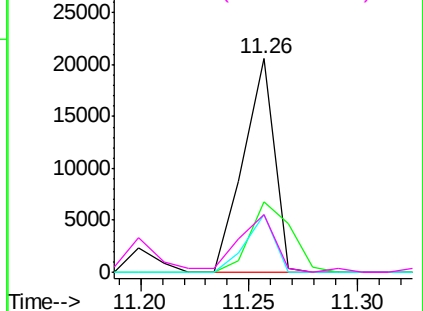
#62
Azobenzene
Concen: 2.39 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion:	77	Resp:	20439
Ion	Ratio	Lower	Upper
77	100		
182	33.2	0.0	35.2
105	26.9	0.0	39.5
51	27.2	12.4	52.4

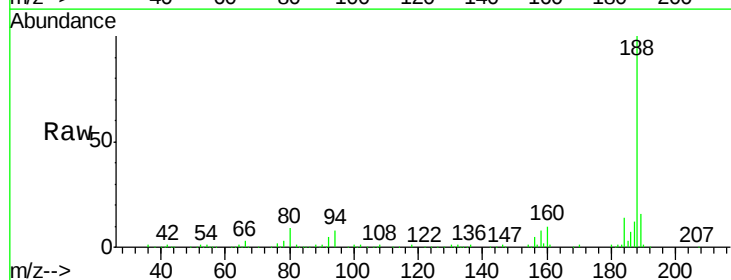


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

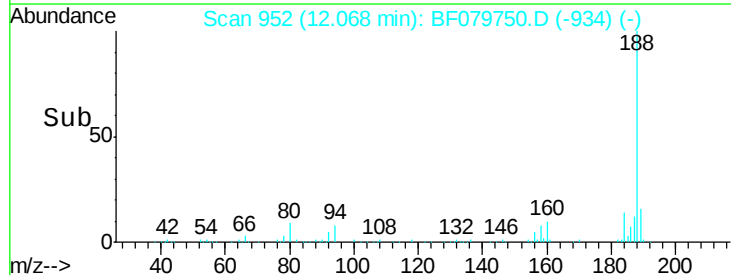
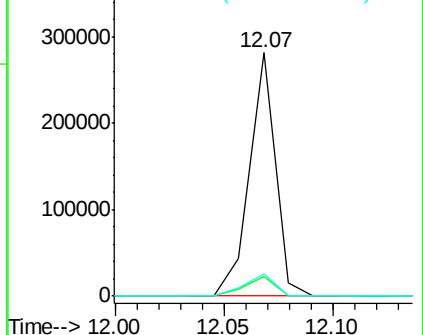


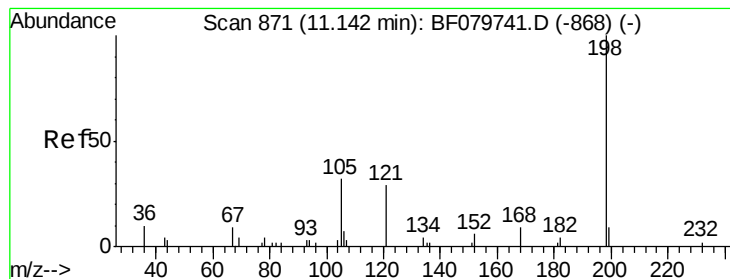
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.07 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:	188	Resp:	232827
Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.0	7.4#
80	8.9	5.3	7.9#



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: Below Cal

RT: 11.13 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

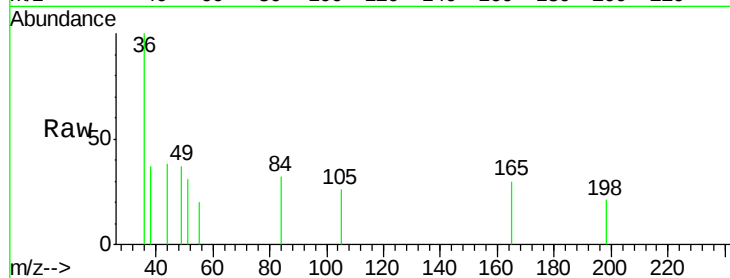
Tot Ion:198 Resp: 248

Ion Ratio Lower Upper

198 100

51 145.2 34.4 74.4#

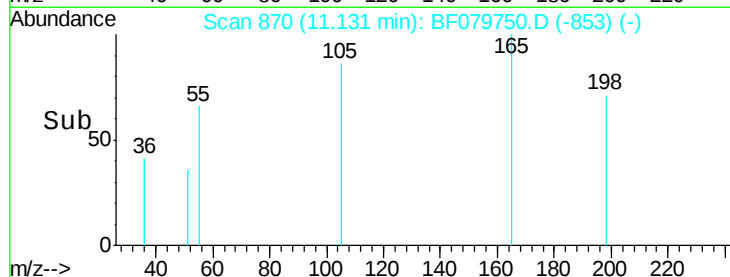
105 120.2 32.7 72.7#



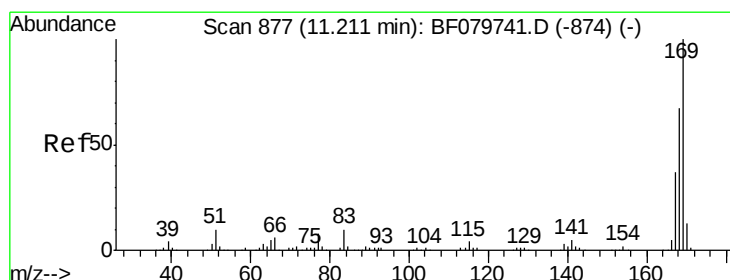
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 2.43 ng

RT: 11.20 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

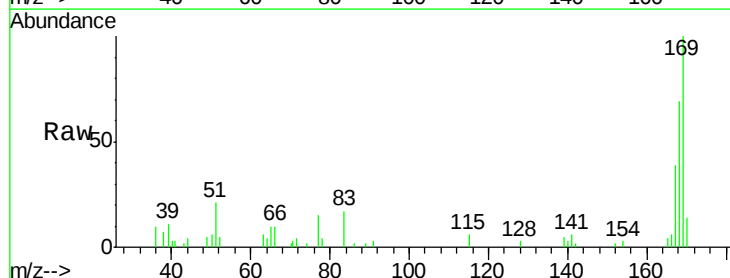
Tgt Ion:169 Resp: 18869

Ion Ratio Lower Upper

169 100

168 69.1 54.8 82.2

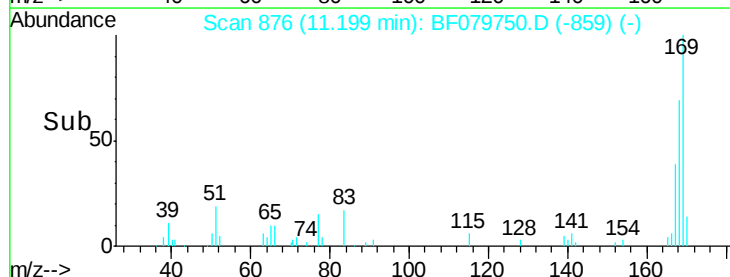
167 39.0 29.7 44.5



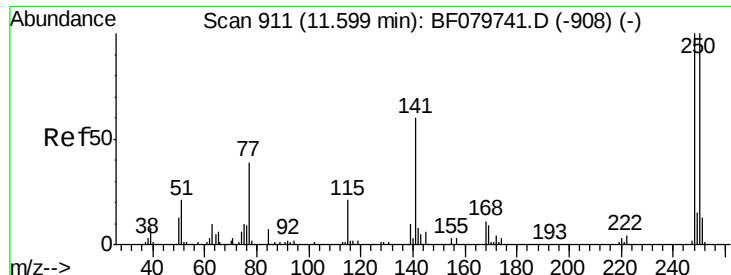
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



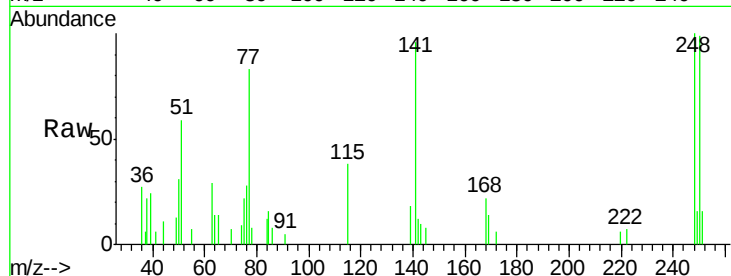
Time-->



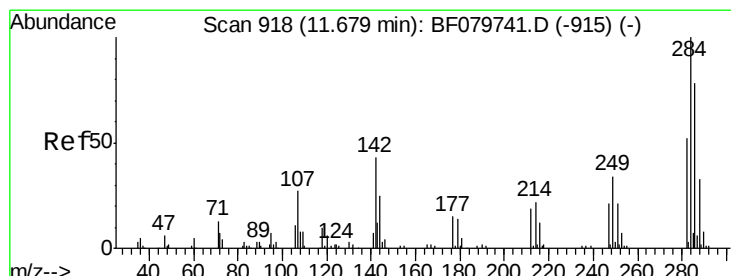
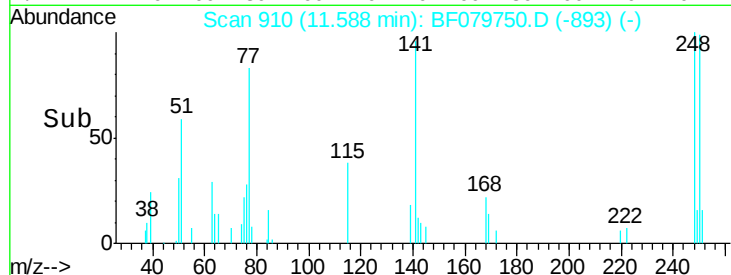
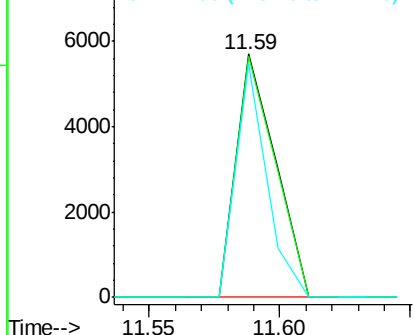
#66
 4-Bromophenyl-phenylether
 Concen: 2.37 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

Tot Ion:248 Resp: 5982
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.1 114.1
 141 95.8 64.6 96.8

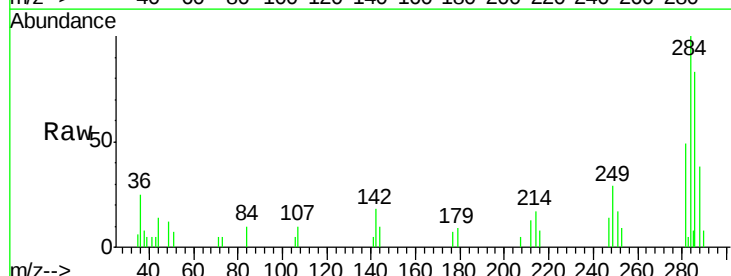


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

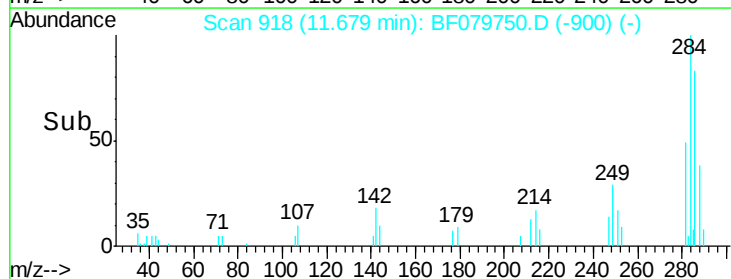
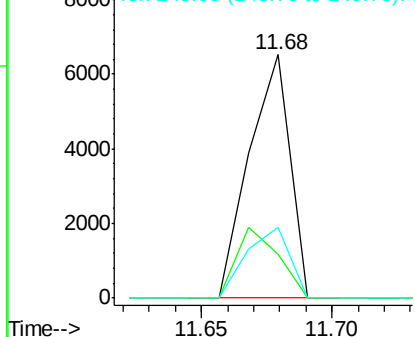


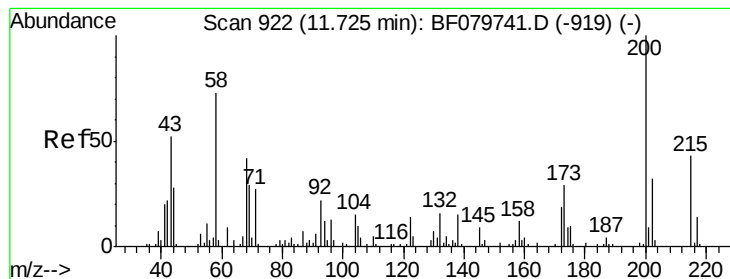
#67
 Hexachlorobenzene
 Concen: 2.52 ng
 RT: 11.68 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion:284 Resp: 7135
 Ion Ratio Lower Upper
 284 100
 142 18.3 13.0 19.4
 249 29.2 22.3 33.5



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: 2.19 ng

RT: 11.73 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

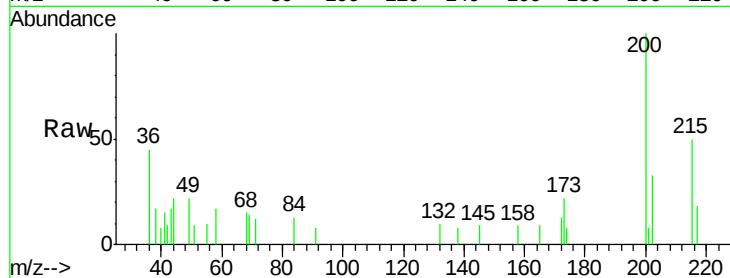
Tot Ion:200 Resp: 5130

Ion Ratio Lower Upper

200 100

173 22.5 5.5 45.5

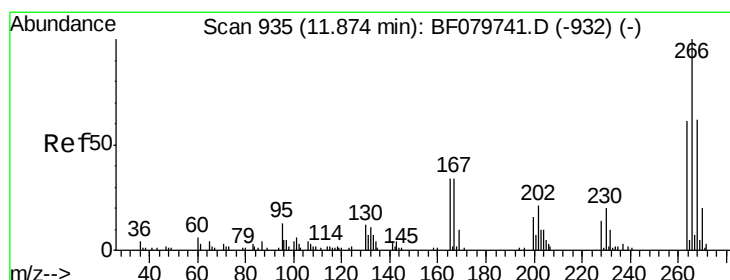
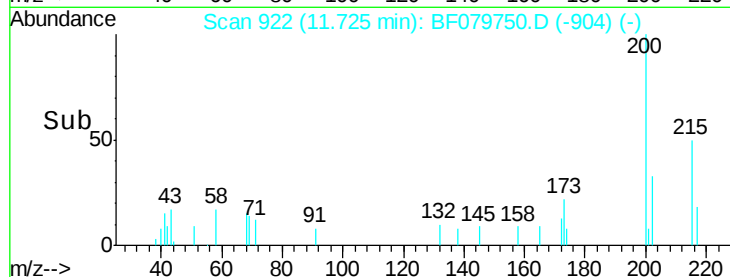
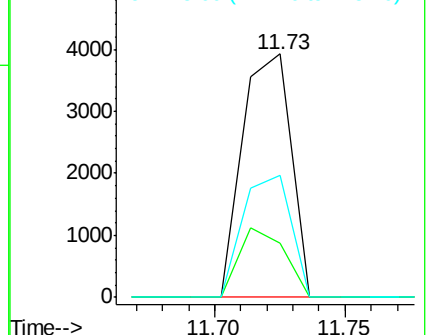
215 49.9 28.5 68.5



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: 4.70 ng

RT: 11.86 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

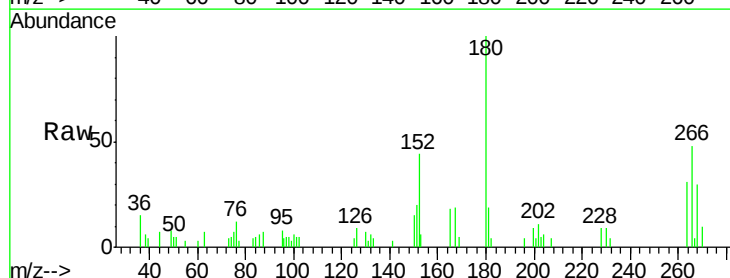
Tgt Ion:266 Resp: 4340

Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

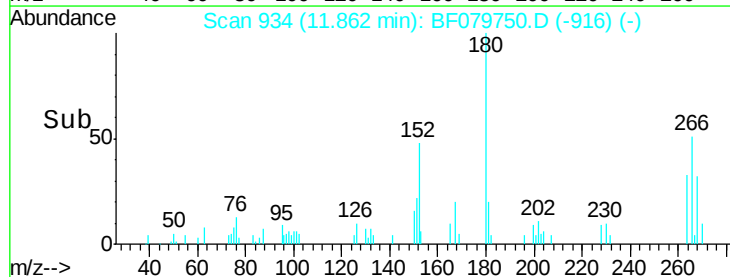
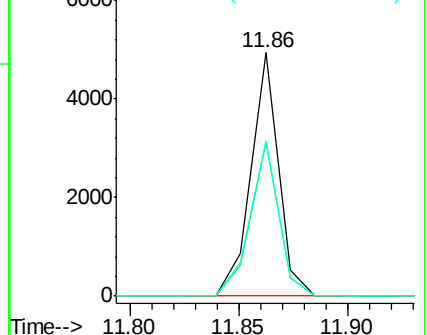
264 64.0 51.3 76.9

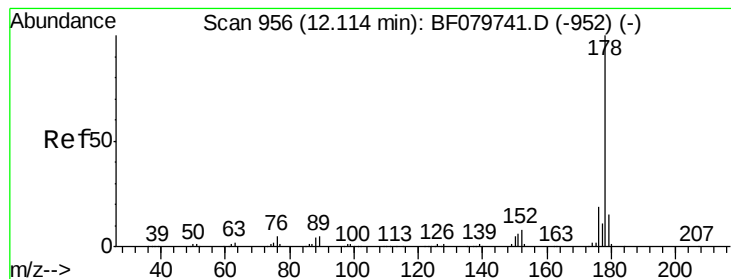


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 18.79 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

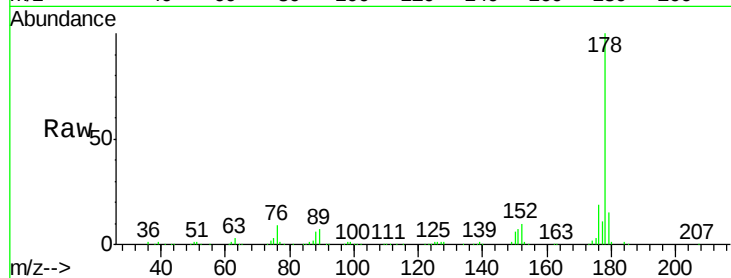
Tot Ion:178 Resp: 256186

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.4

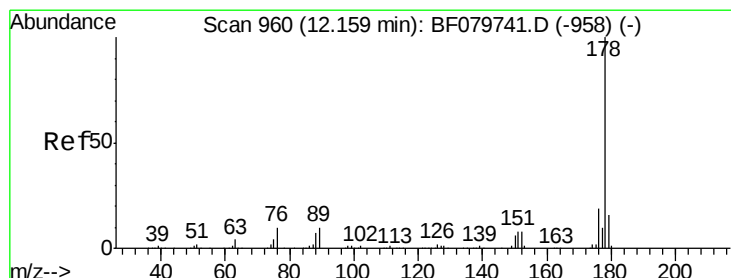
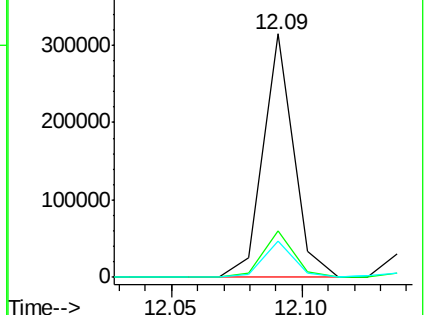
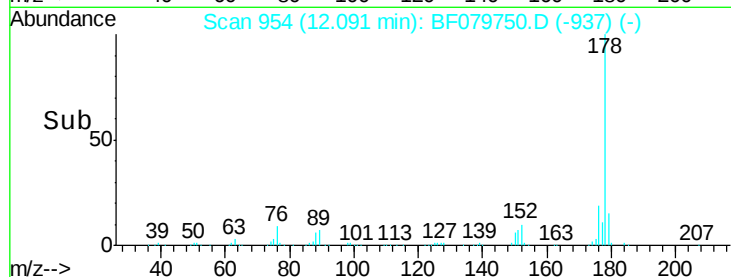
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 4.78 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

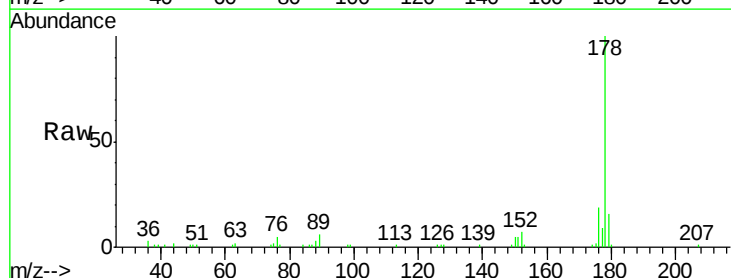
Tgt Ion:178 Resp: 64207

Ion Ratio Lower Upper

178 100

176 19.1 14.8 22.2

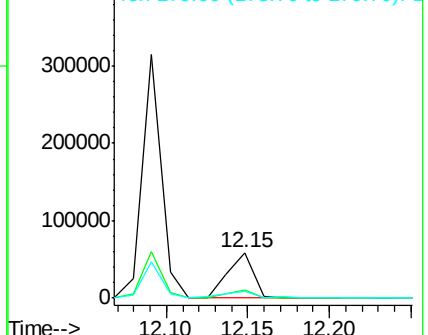
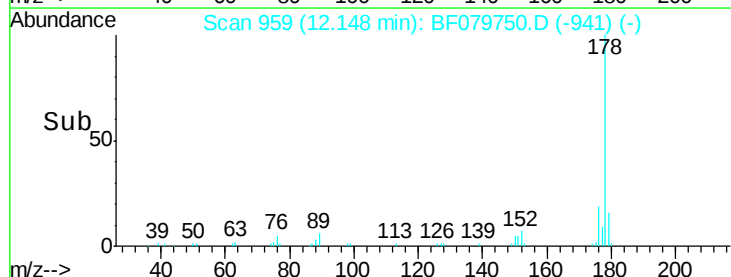
179 15.6 12.2 18.2

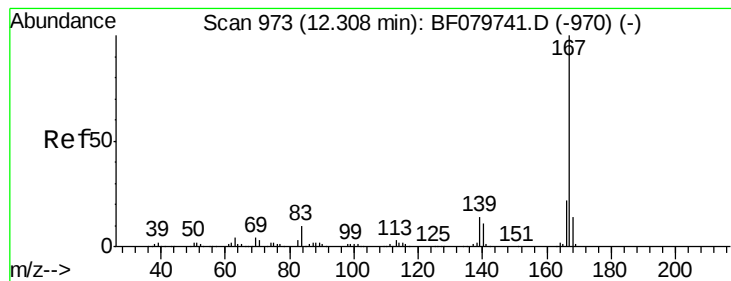


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.85 ng

RT: 12.29 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

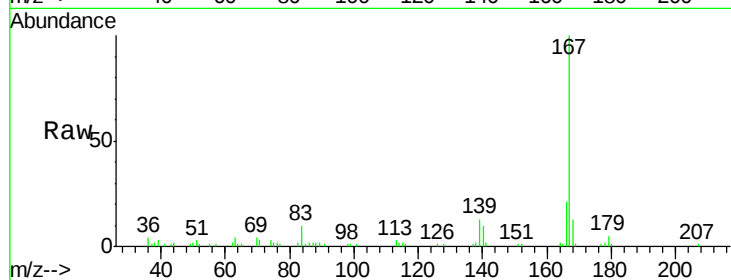
Tot Ion:167 Resp: 49139

Ion Ratio Lower Upper

167 100

166 20.9 17.7 26.5

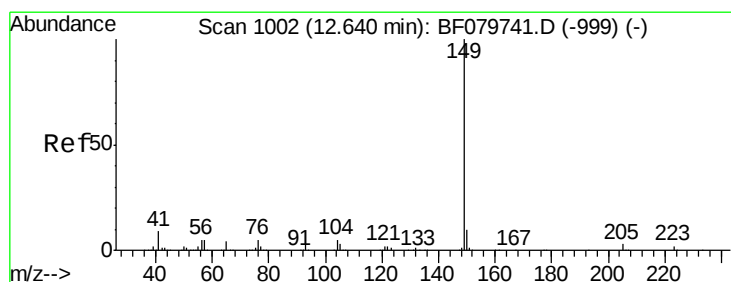
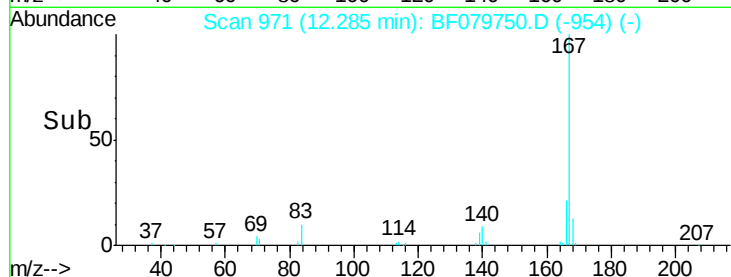
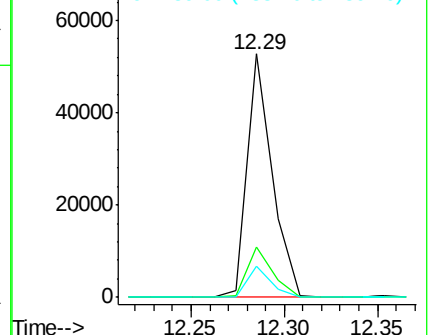
139 12.8 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.67 ng

RT: 12.61 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

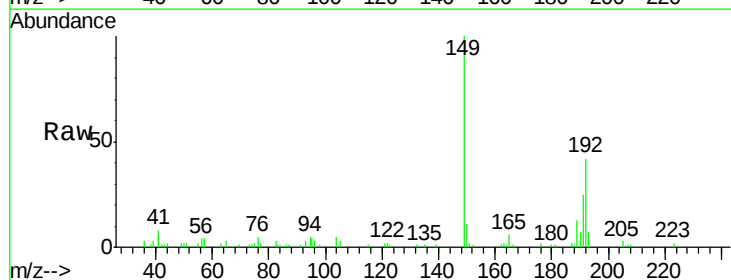
Tgt Ion:149 Resp: 38638

Ion Ratio Lower Upper

149 100

150 10.5 9.8 14.8

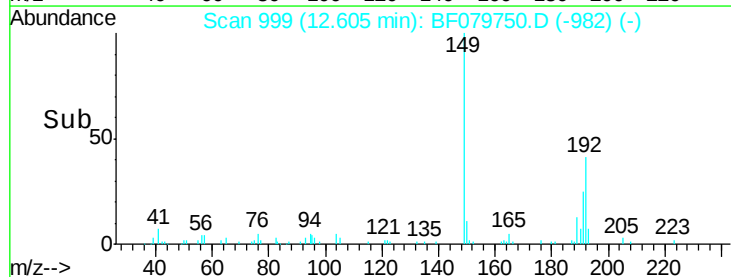
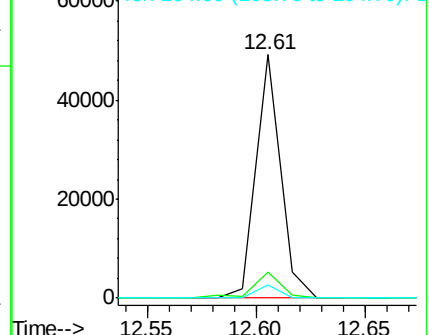
104 5.3 12.9 19.3#

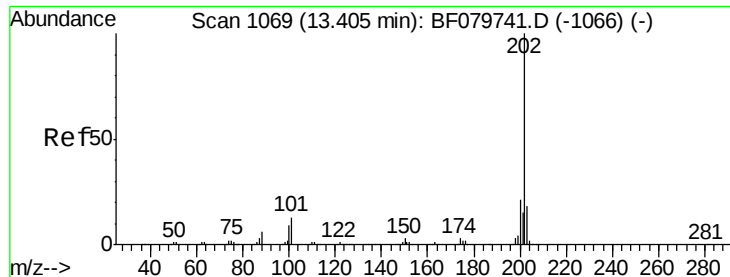


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 25.70 ng

RT: 13.34 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

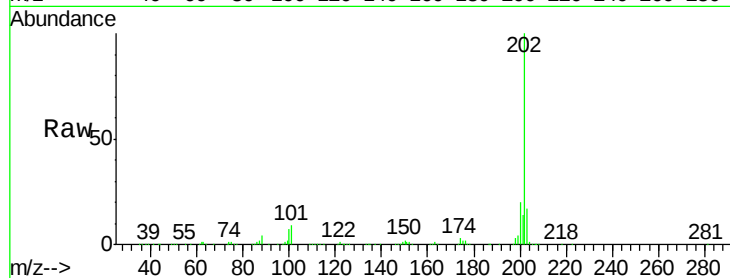
Tot Ion:202 Resp: 383569

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.3

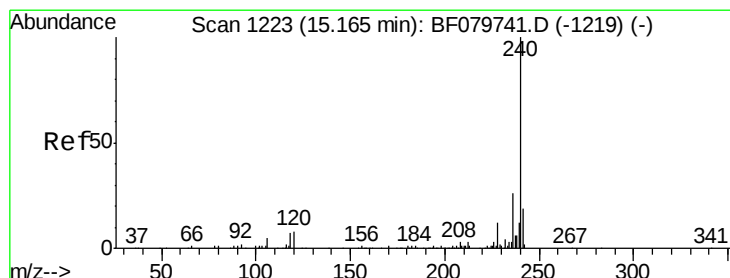
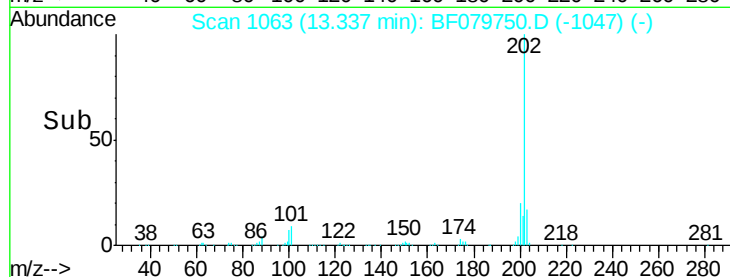
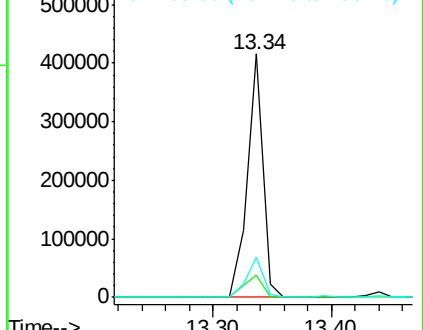
203 16.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.06 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

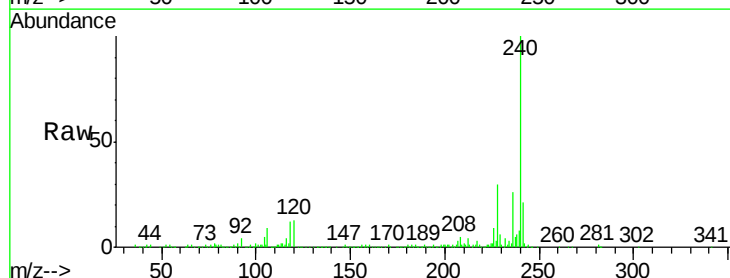
Tgt Ion:240 Resp: 255355

Ion Ratio Lower Upper

240 100

120 13.1 6.2 9.2#

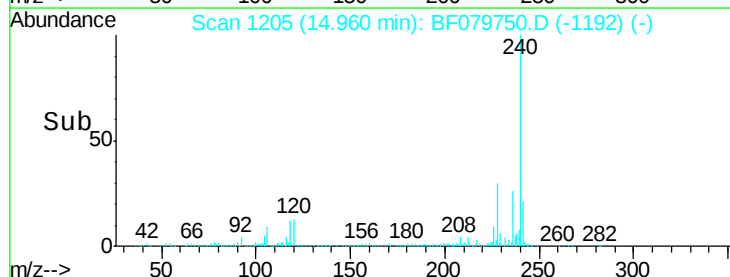
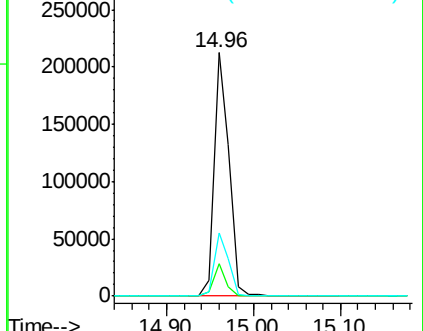
236 26.1 21.0 31.4

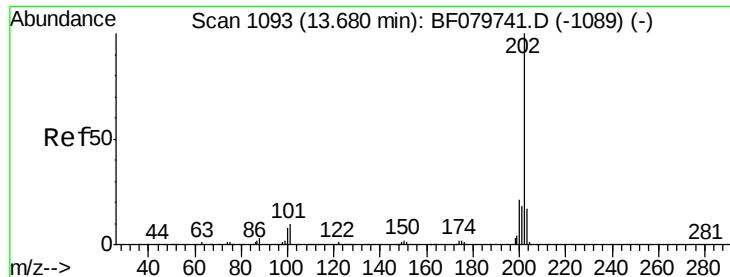


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 20.84 ng

RT: 13.59 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

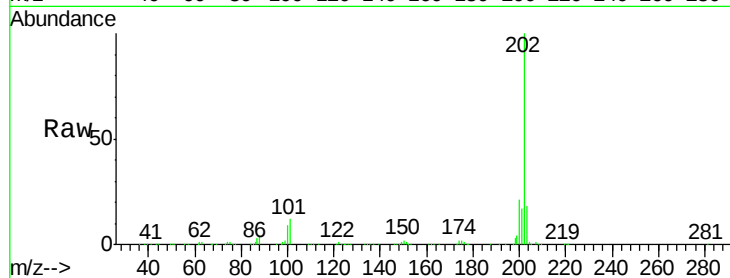
Tot Ion:202 Resp: 326203

Ion Ratio Lower Upper

202 100

200 20.8 17.5 26.3

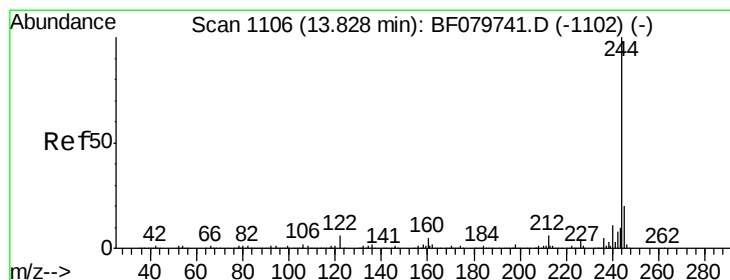
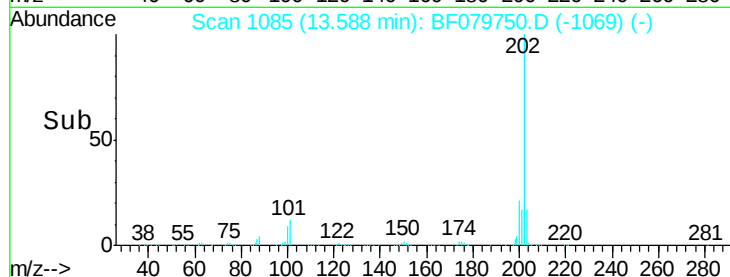
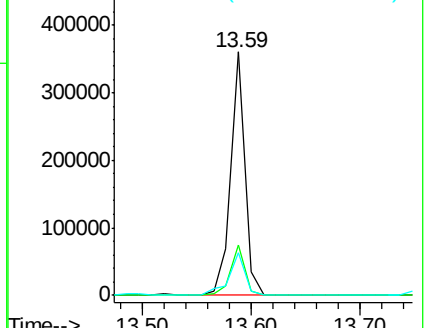
203 17.6 14.8 22.2



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: 2.35 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

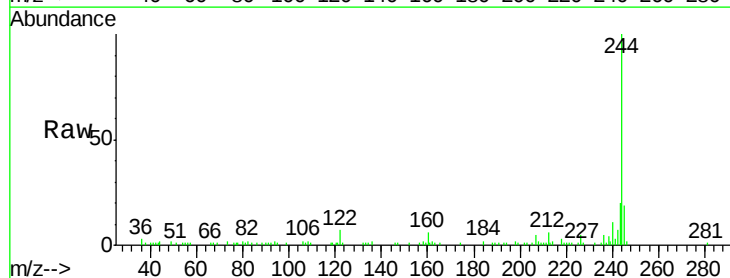
Tgt Ion:244 Resp: 52482

Ion Ratio Lower Upper

244 100

212 5.7 6.1 9.1#

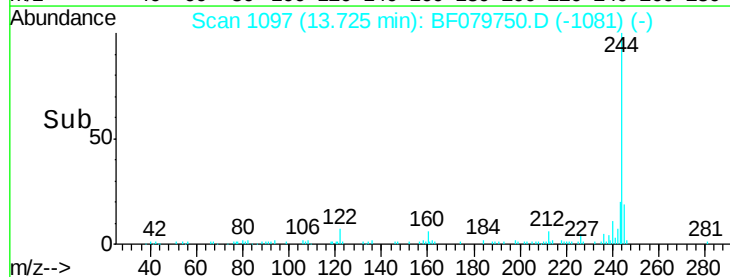
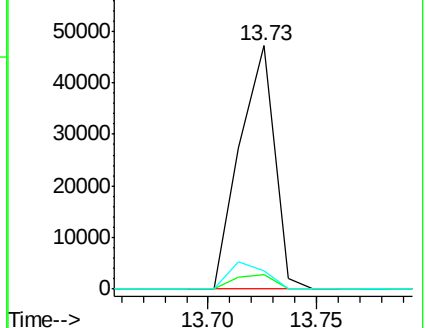
122 7.5 9.3 13.9#

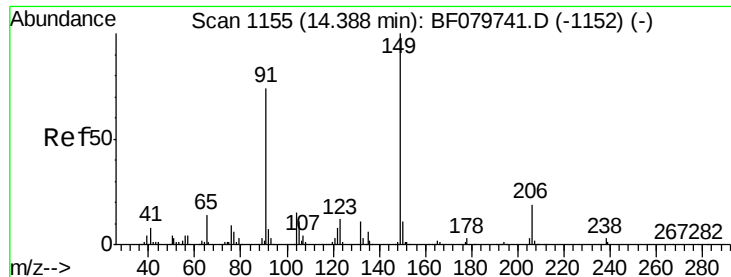


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

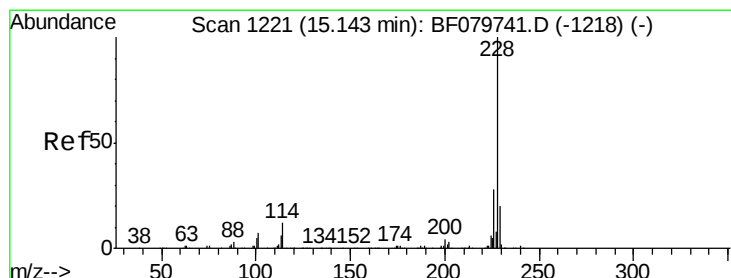
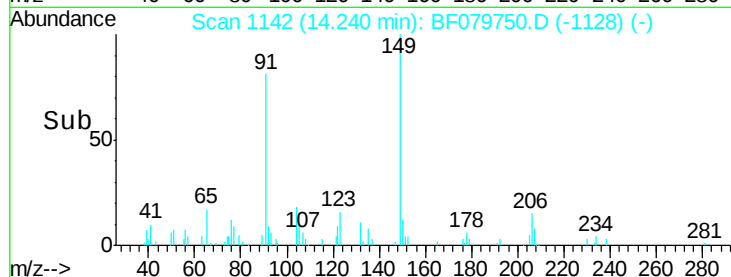
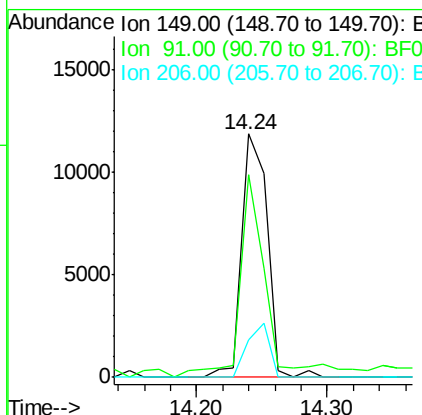
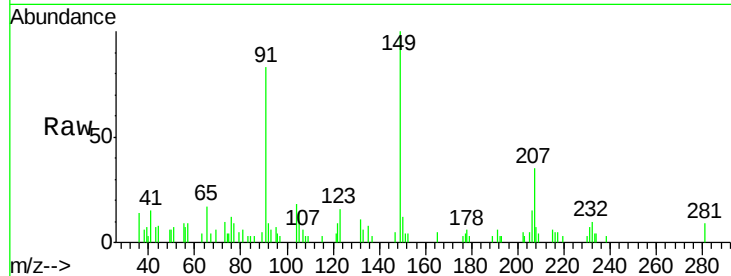




#79
Butylbenzylphthalate
Concen: 2.56 ng
RT: 14.24 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

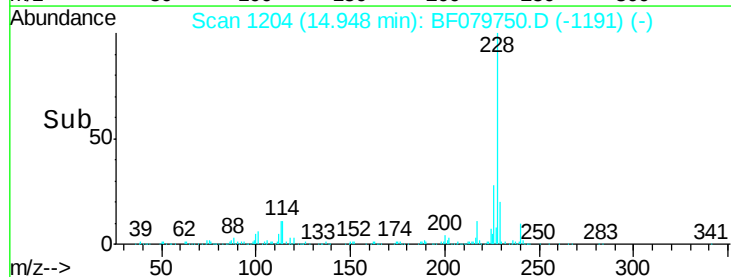
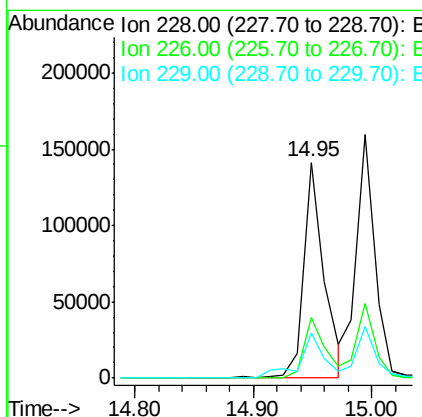
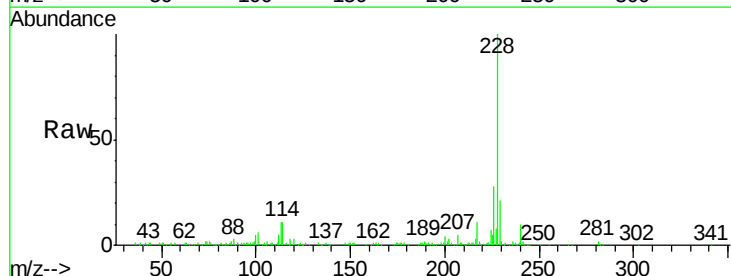
Instrument :
BNA_F
ClientSampleId :
SW-024MSD

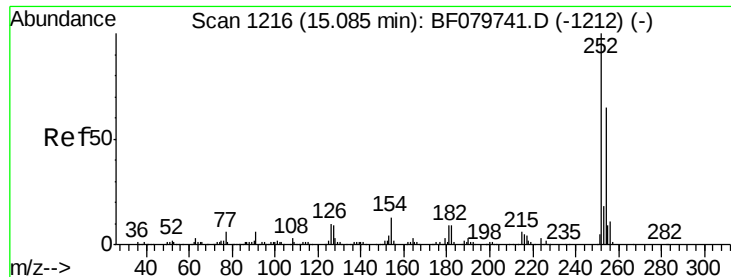
Tot Ion:149 Resp: 15965
Ion Ratio Lower Upper
149 100
91 83.3 64.4 96.6
206 15.2 14.8 22.2



#80
Benzo(a)anthracene
Concen: 10.89 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.06 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion:228 Resp: 170179
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.8 16.6 25.0

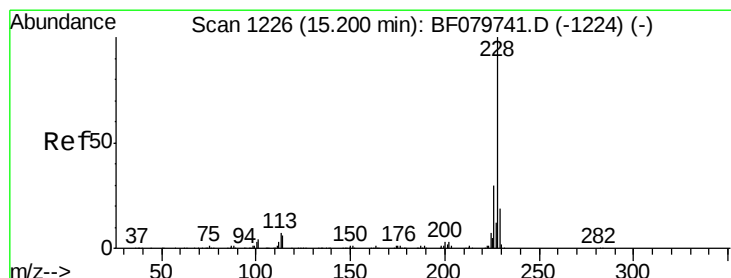
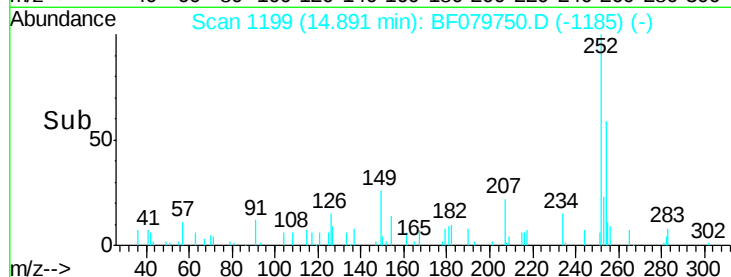
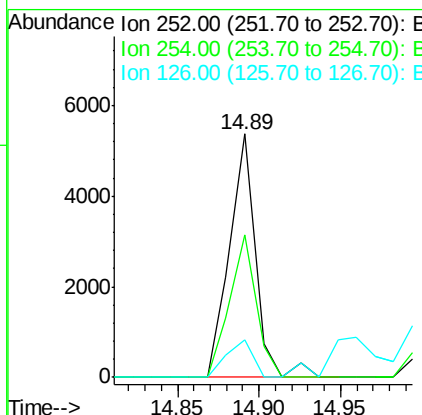
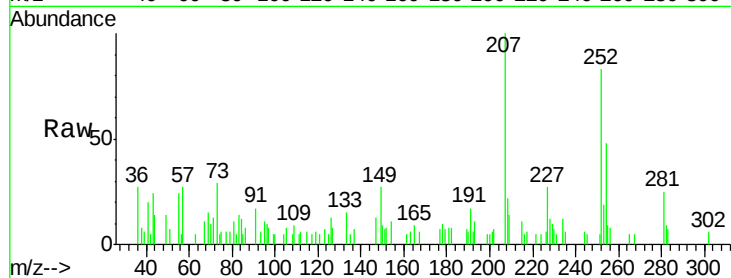




#81
 3,3'-Dichlorobenzidine
 Concen: 1.12 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

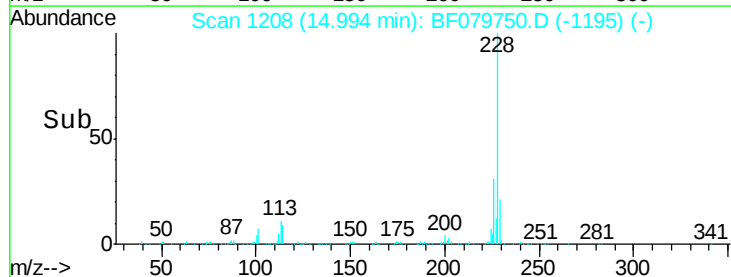
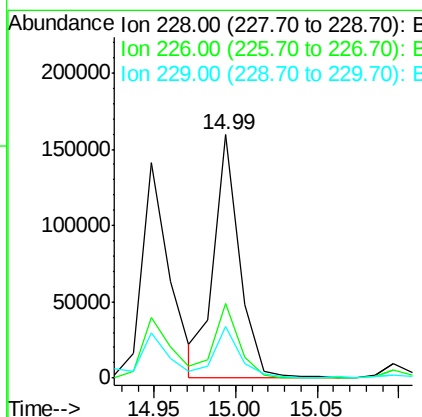
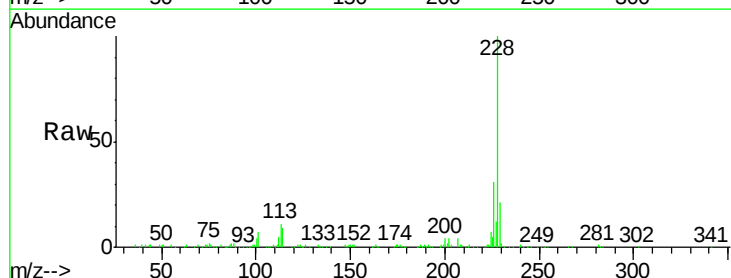
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

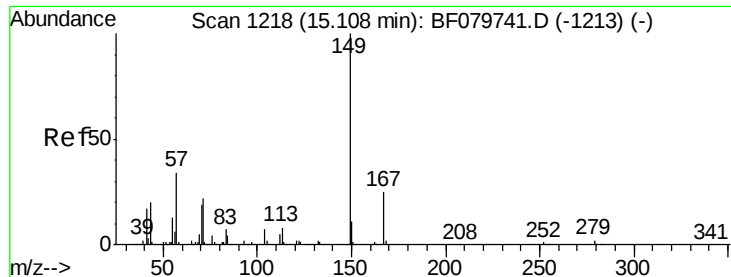
Tot Ion:252 Resp: 5943
 Ion Ratio Lower Upper
 252 100
 254 58.7 52.0 78.0
 126 15.3 6.9 10.3#



#82
 Chrysene
 Concen: 11.94 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.06 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion:228 Resp: 172487
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 21.1 16.2 24.4

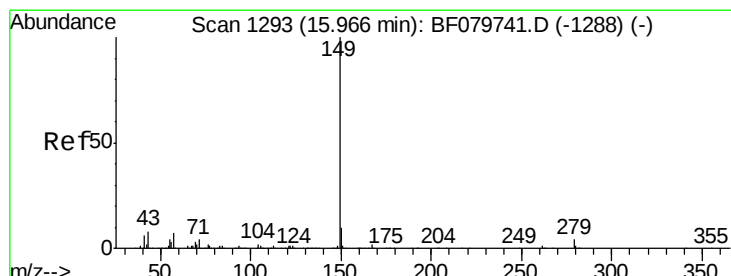
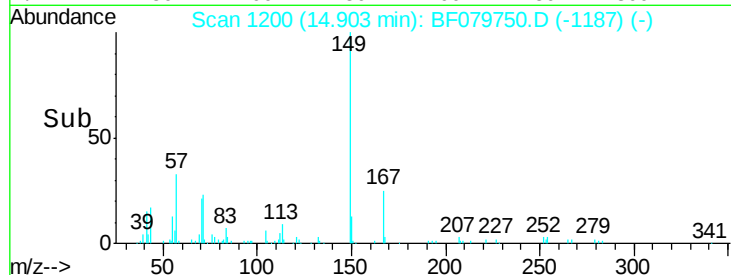
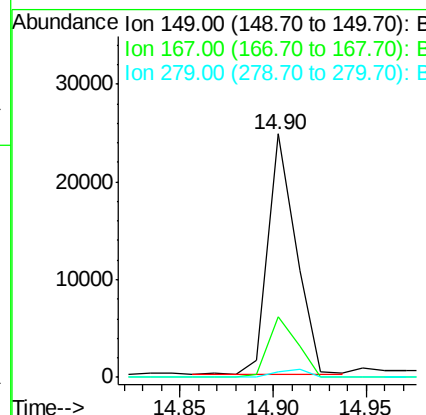
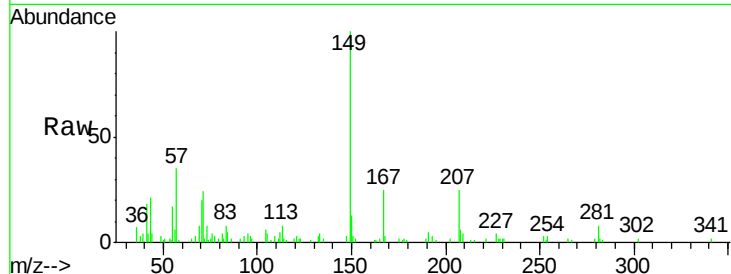




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.57 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.06 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

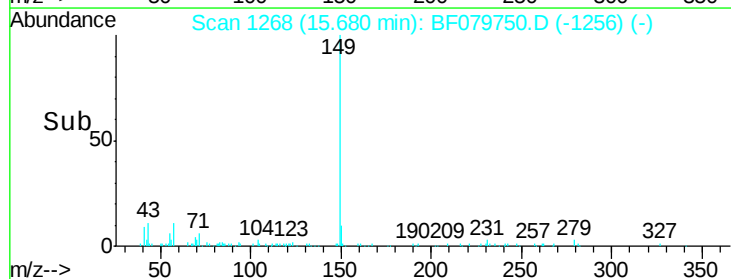
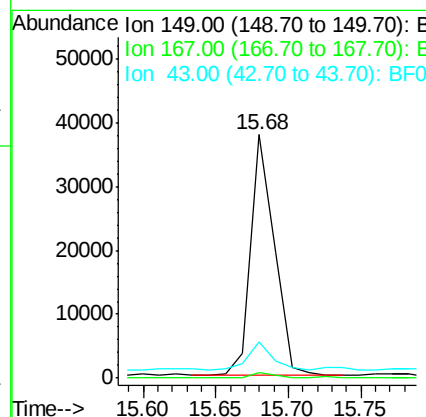
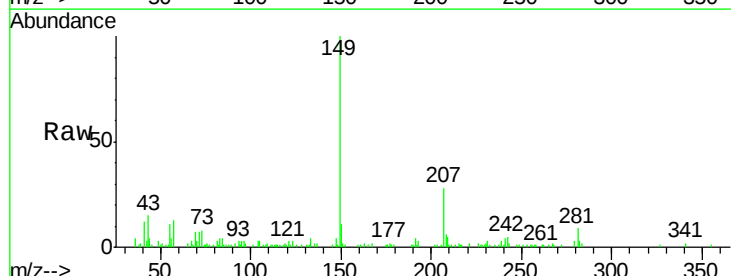
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

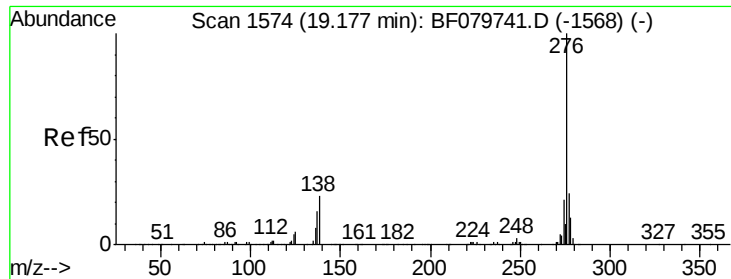
Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.9	31.3
279	2.2	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 2.45 ng
 RT: 15.68 min Scan# 1268
 Delta R.T. -0.07 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.3	1.9#
43	11.4	9.0	13.4

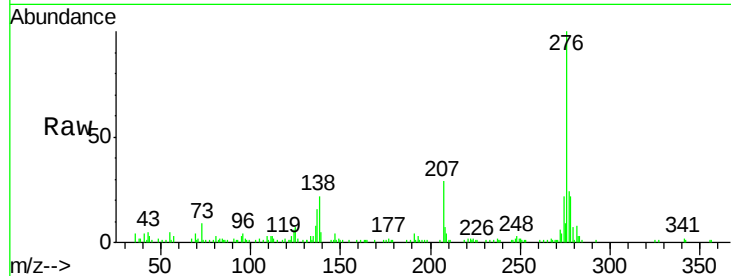




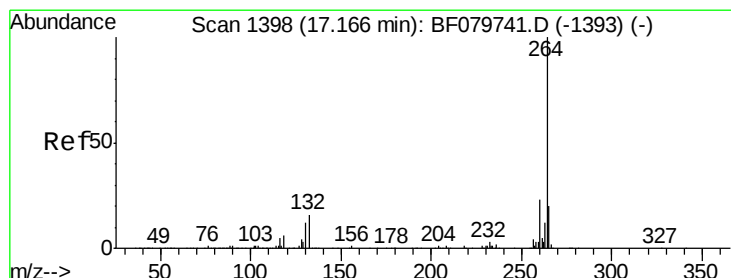
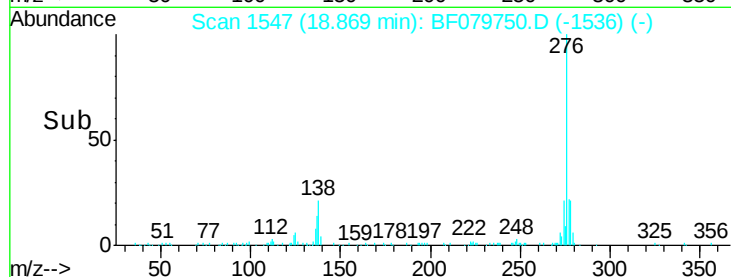
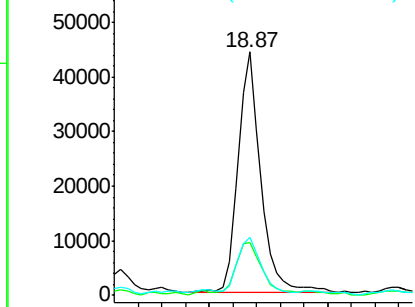
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.04 ng
RT: 18.87 min Scan# 1547
Delta R.T. -0.08 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	23.4	20.8	31.2	
277	23.1	20.0	30.0	

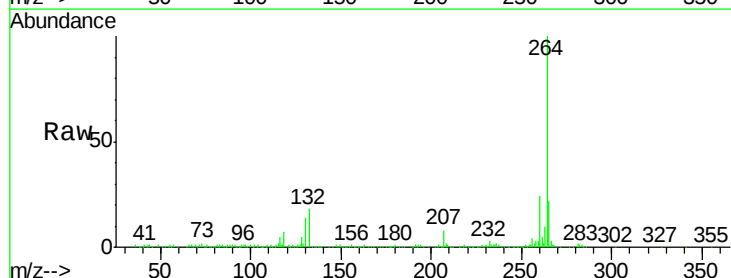


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

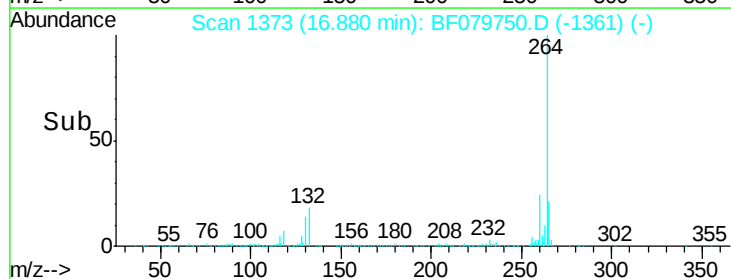
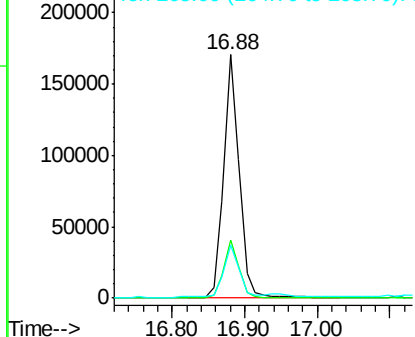


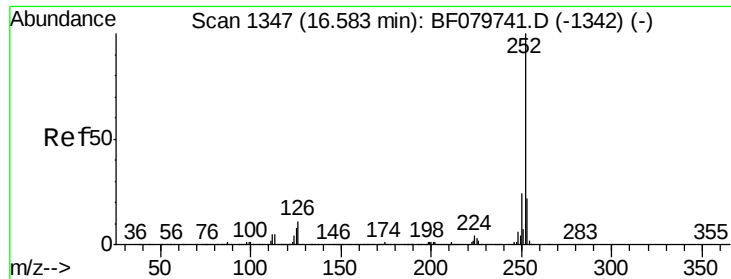
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	18.6	27.8	
265	21.6	18.2	27.4	



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

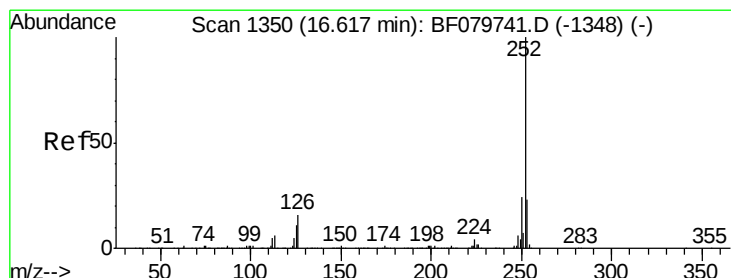
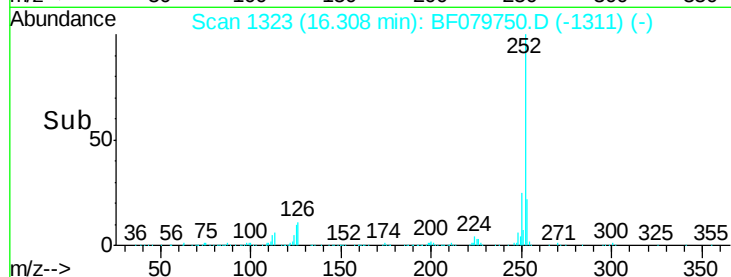
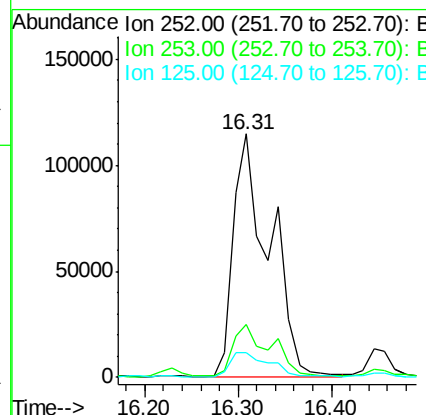
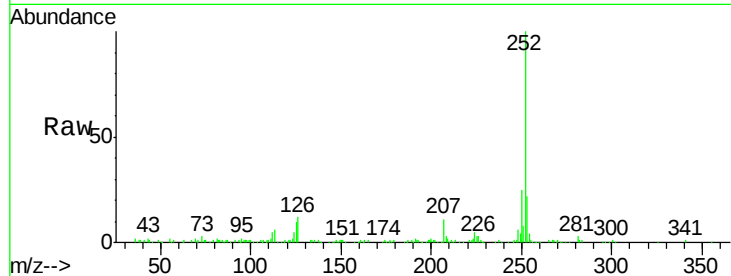




#87
Benzo(b)fluoranthene
Concen: 19.38 ng
RT: 16.31 min Scan# 1323
Delta R.T. -0.07 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

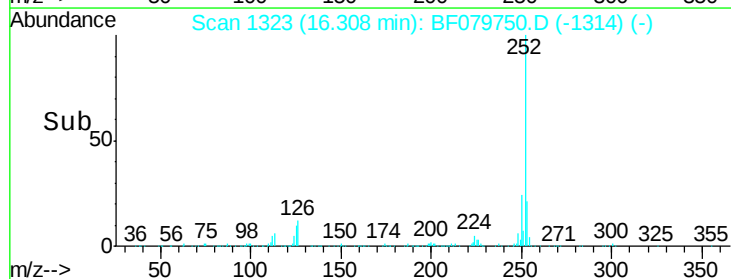
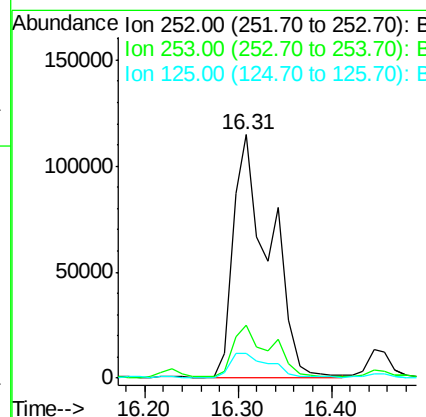
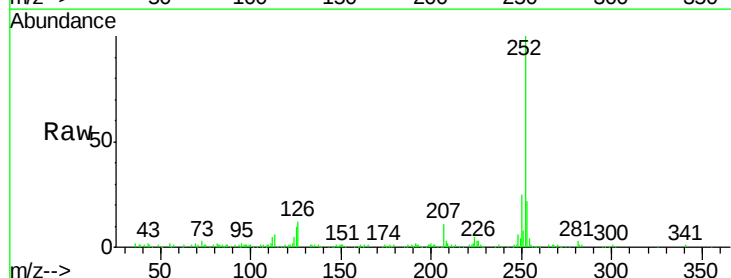
Instrument :
BNA_F
ClientSampleId :
SW-024MSD

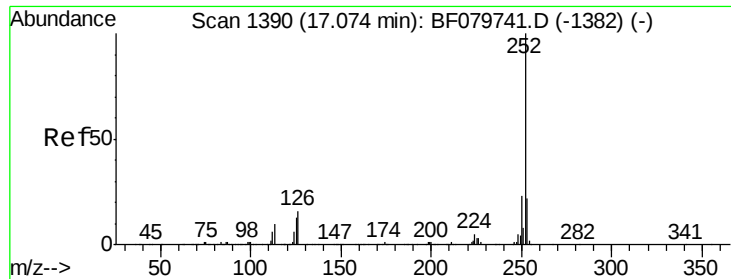
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.0	6.5	9.7#



#88
Benzo(k)fluoranthene
Concen: 20.20 ng
RT: 16.31 min Scan# 1323
Delta R.T. -0.10 min
Lab File: BF079750.D
Acq: 6 Jun 2015 2:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.0	8.4	12.6





#89

Benzo(a)pyrene

Concen: 9.73 ng

RT: 16.80 min Scan# 1366

Delta R.T. -0.07 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

Instrument :

BNA_F

ClientSampleId :

SW-024MSD

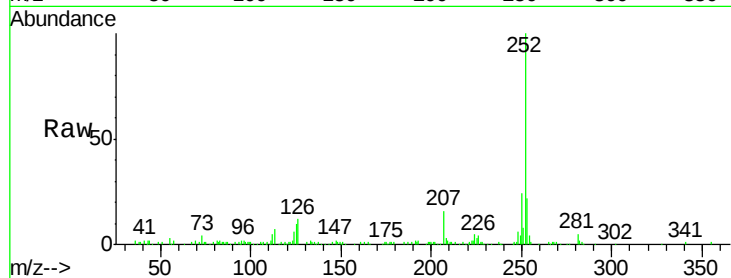
Tot Ion:252 Resp: 143722

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

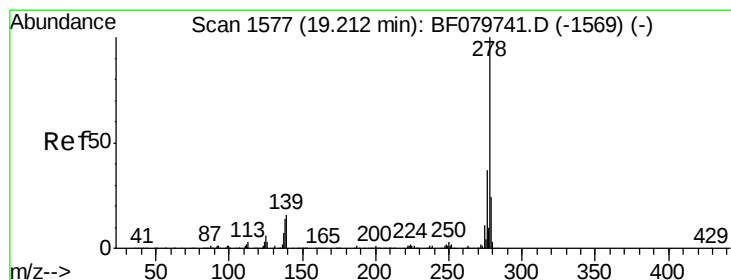
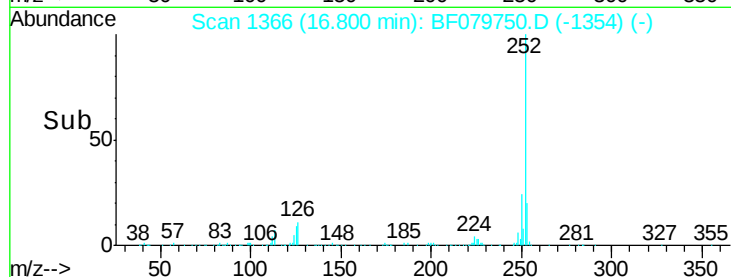
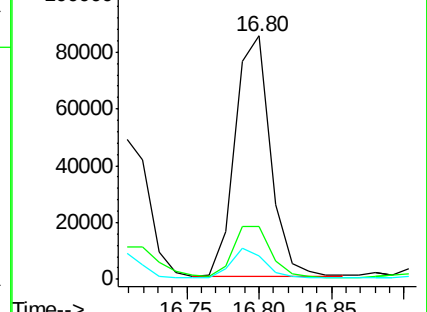
125 9.8 7.4 11.0



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



#90

Dibenzo(a,h)anthracene

Concen: 3.57 ng

RT: 18.89 min Scan# 1549

Delta R.T. -0.08 min

Lab File: BF079750.D

Acq: 6 Jun 2015 2:35

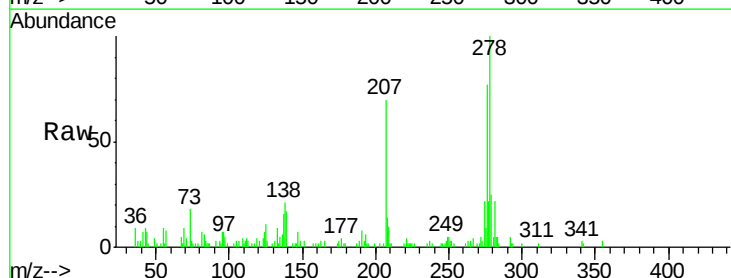
Tgt Ion:278 Resp: 50836

Ion Ratio Lower Upper

278 100

139 16.9 12.7 19.1

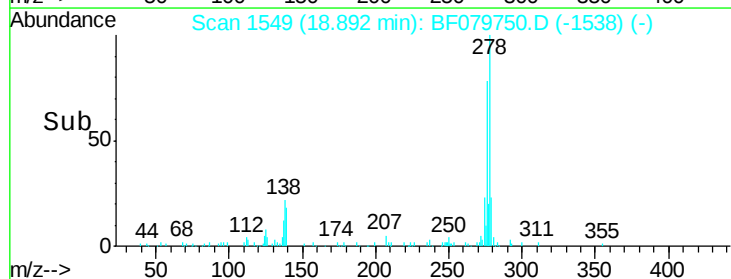
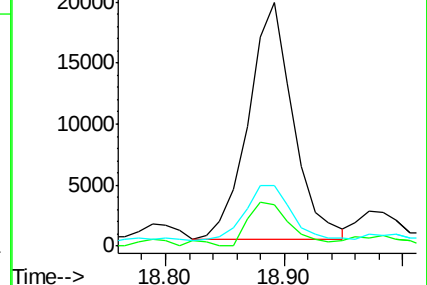
279 25.1 19.4 29.2

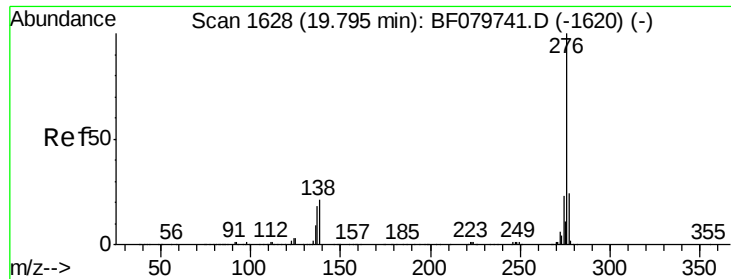


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 7.52 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. -0.10 min
 Lab File: BF079750.D
 Acq: 6 Jun 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	23.1	18.2	27.2

