

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079538.D
 Acq On : 28 May 2015 00:48
 Operator : TP/IZ
 Sample : G2386-18MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Quant Time: May 28 02:08:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	56522	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	240420	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	115142	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	221482	20.00	ng	0.00
75) Chrysene-d12	15.86	240	234635	20.00	ng	-0.08
86) Perylene-d12	17.57	264	258881	20.00	ng	-0.32

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	290616	89.18	ng	0.00
7) Phenol-d6	6.59	99	548068	131.95	ng	0.00
23) Nitrobenzene-d5	7.70	82	321403	77.28	ng	0.00
41) 2,4,6-Tribromophenol	11.72	330	127435	100.76	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	560194	69.41	ng	0.00
78) Terphenyl-d14	14.58	244	766717	76.69	ng	-0.01

Target Compounds				Qvalue		
6) Aniline	6.59	93	143675	24.37	ng	91
8) 2-Chlorophenol	6.74	128	164988	43.49	ng	92
9) Benzaldehyde	6.44	77	18338	5.73	ng	88
10) Phenol	6.62	94	222515	45.50	ng	95
11) bis(2-Chloroethyl)ether	6.70	93	166190	46.98	ng	92
12) 1,3-Dichlorobenzene	6.92	146	182778	43.49	ng	# 94
13) 1,4-Dichlorobenzene	7.03	146	183000	42.68	ng	96
14) 1,2-Dichlorobenzene	7.20	146	174879	43.92	ng	95
15) Benzyl Alcohol	7.20	79	139197	45.60	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.37	45	244332	47.19	ng	88
17) 2-Methylphenol	7.36	107	144264	48.40	ng	98
18) Hexachloroethane	7.62	117	57240	38.79	ng	# 83
19) n-Nitroso-di-n-propylamine	7.53	70	132604	45.37	ng	# 94
20) 3+4-Methylphenols	7.55	107	188175	45.95	ng	91
22) Acetophenone	7.52	105	255694	47.47	ng	# 94
24) Nitrobenzene	7.72	77	185477	45.25	ng	# 90
25) Isophorone	8.02	82	332088	43.81	ng	# 91
26) 2-Nitrophenol	8.12	139	64866	33.42	ng	96
27) 2,4-Dimethylphenol	8.20	122	157615	45.18	ng	96
28) bis(2-Chloroethoxy)methane	8.31	93	212102	45.14	ng	# 98
29) 2,4-Dichlorophenol	8.43	162	138558	43.36	ng	96
30) 1,2,4-Trichlorobenzene	8.51	180	149280	45.03	ng	96
31) Naphthalene	8.60	128	516392	44.76	ng	99
33) 4-Chloroaniline	8.70	127	138242	28.68	ng	# 93
34) Hexachlorobutadiene	8.76	225	81320	43.13	ng	97
35) Caprolactam	9.12	113	46658	46.30	ng	92
36) 4-Chloro-3-methylphenol	9.31	107	158675	47.87	ng	94
37) 2-Methylnaphthalene	9.46	142	354390	44.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	143673	44.61	ng	# 100
40) Hexachlorocyclopentadiene	9.66	237	11617	22.52	ng	97
42) 2,4,6-Trichlorophenol	9.83	196	65902	29.30	ng	98
43) 2,4,5-Trichlorophenol	9.88	196	90693	40.52	ng	95
45) 1,1'-Biphenyl	10.04	154	418327	46.52	ng	97
46) 2-Chloronaphthalene	10.07	162	328325	46.23	ng	97

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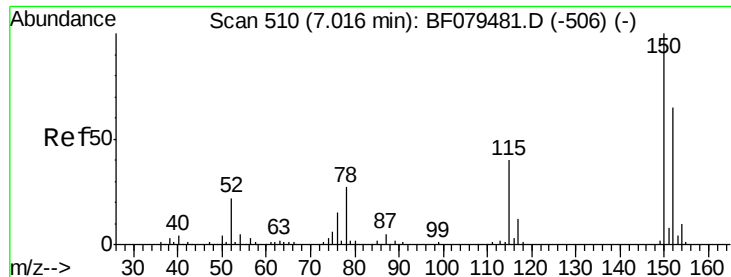
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	10.20	65	102793	48.67	ng	# 76
48) Acenaphthylene	10.57	152	534037	45.30	ng	99
49) Dimethylphthalate	10.44	163	450901	53.15	ng	100
50) 2,6-Dinitrotoluene	10.51	165	75738	44.68	ng	# 56
51) Acenaphthene	10.79	154	312952	46.42	ng	99
52) 3-Nitroaniline	10.72	138	96514	43.78	ng	83
54) Dibenzofuran	11.00	168	476114	47.88	ng	95
55) 4-Nitrophenol	11.00	139	211664	173.13	ng	# 14
56) 2,4-Dinitrotoluene	11.02	165	103255	45.42	ng	91
57) Fluorene	11.43	166	377781	46.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	41283	25.34	ng	# 100
59) Diethylphthalate	11.31	149	380678	45.84	ng	95
60) 4-Chlorophenyl-phenylether	11.44	204	171109	48.32	ng	92
61) 4-Nitroaniline	11.47	138	104902	51.07	ng	88
62) Azobenzene	11.63	77	373488	46.24	ng	96
64) 4,6-Dinitro-2-methylphenol	11.53	198	500	7.38	ng	# 82
65) n-Nitrosodiphenylamine	11.59	169	324553	44.12	ng	100
66) 4-Bromophenyl-phenylether	12.04	248	106251	46.59	ng	93
67) Hexachlorobenzene	12.10	284	121115	46.58	ng	94
68) Atrazine	12.27	200	109784	55.24	ng	94
69) Pentachlorophenol	12.37	266	34429	34.56	ng	99
70) Phenanthrene	12.62	178	545241	44.87	ng	100
71) Anthracene	12.67	178	553630	44.88	ng	99
72) Carbazole	12.89	167	555395	46.76	ng	98
73) Di-n-butylphthalate	13.35	149	688768	52.19	ng	100
74) Fluoranthene	14.08	202	600071	46.05	ng	93
76) Benzidine	14.27	184	365894	72.81	ng	99
77) Pyrene	14.37	202	633964	43.61	ng	99
79) Butylbenzylphthalate	15.20	149	293148	44.84	ng	97
80) Benzo(a)anthracene	15.85	228	590543	43.75	ng	100
81) 3,3'-Dichlorobenzidine	15.84	252	196704	39.80	ng	99
82) Chrysene	15.90	228	556332	43.36	ng	99
83) Bis(2-ethylhexyl)phthalate	15.92	149	465175	49.67	ng	98
84) Di-n-octyl phthalate	16.70	149	803896	49.32	ng	100
85) Indeno(1,2,3-cd)pyrene	19.26	276	612914	37.14	ng	96
87) Benzo(b)fluoranthene	17.13	252	621657	42.10	ng	99
88) Benzo(k)fluoranthene	17.13	252	621657	47.08	ng	97
89) Benzo(a)pyrene	17.50	252	623370	48.29	ng	# 96
90) Dibenzo(a,h)anthracene	18.89	278	630553	46.60	ng	# 97
91) Benzo(g,h,i)perylene	19.26	276	615783	45.49	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

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TP-9-D10MSD

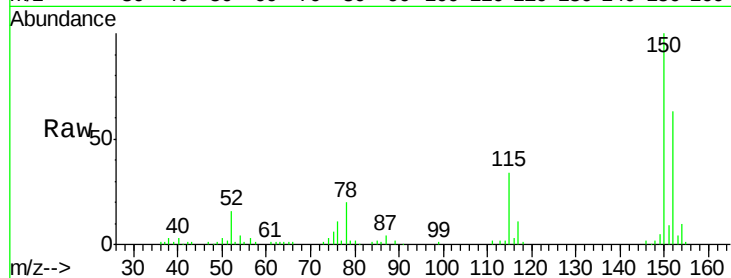
Tgt Ion:152 Resp: 56522

Ion Ratio Lower Upper

152 100

150 158.3 124.0 186.0

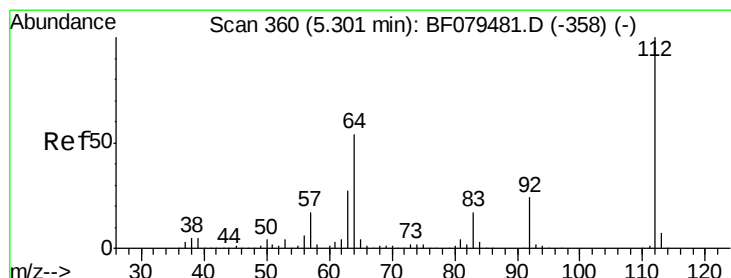
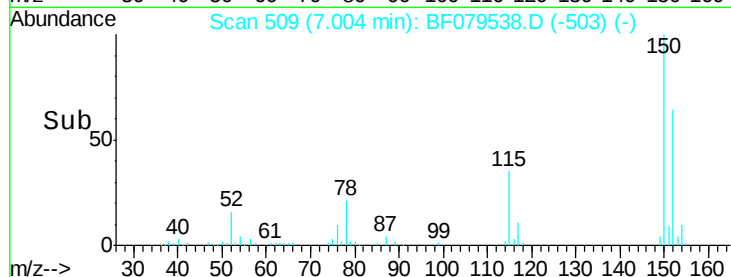
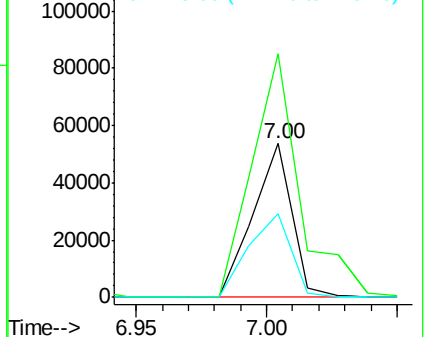
115 54.4 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 89.18 ng

RT: 5.28 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

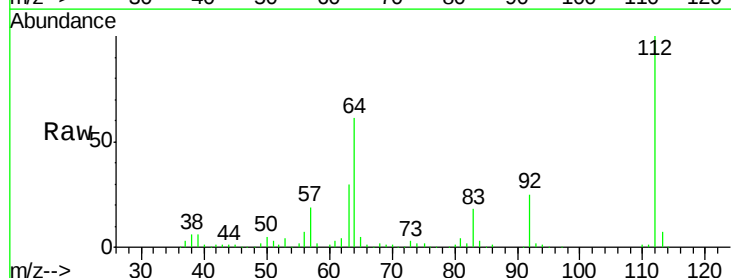
Tgt Ion:112 Resp: 290616

Ion Ratio Lower Upper

112 100

64 60.6 43.5 65.3

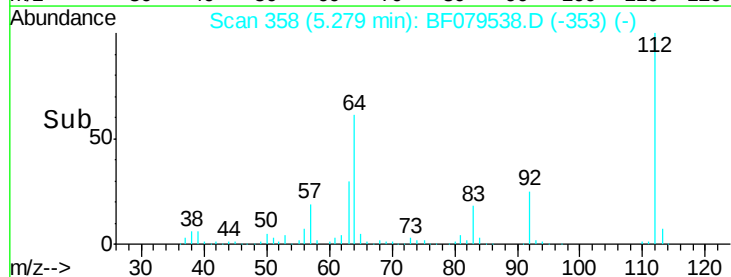
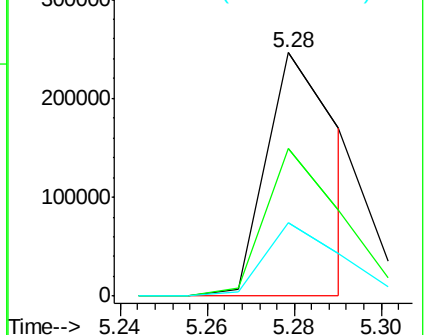
63 30.1 21.8 32.8

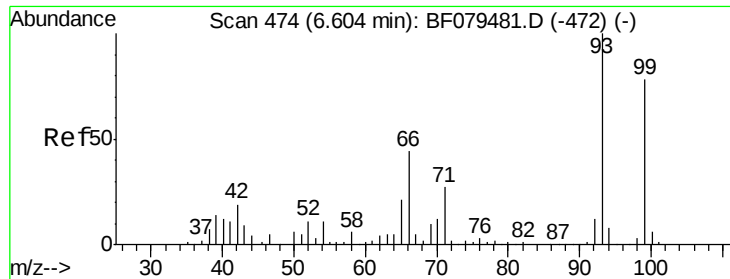


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 24.37 ng

RT: 6.59 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

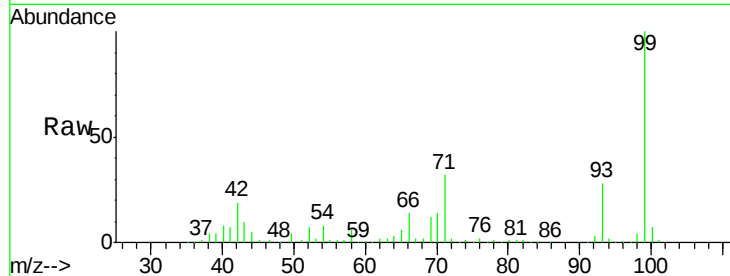
Tgt Ion: 93 Resp: 143675

Ion Ratio Lower Upper

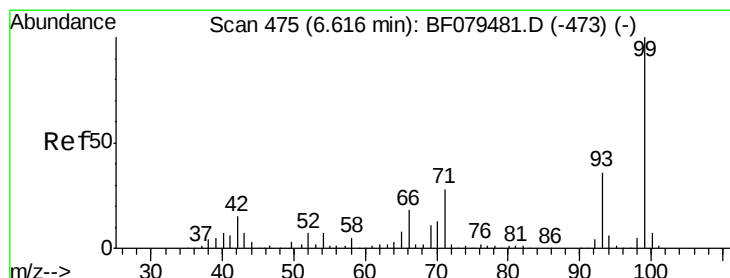
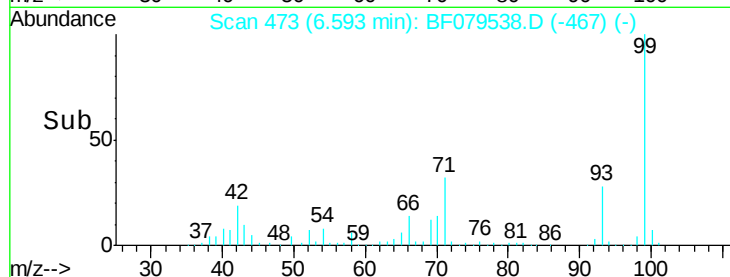
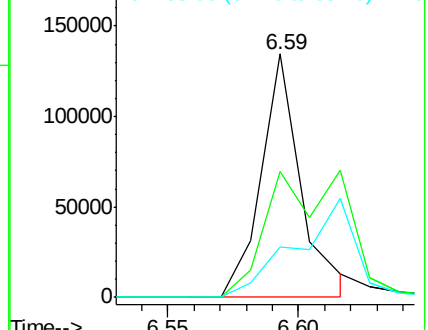
93 100

66 51.8 34.8 52.2

65 20.6 16.7 25.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 131.95 ng

RT: 6.59 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

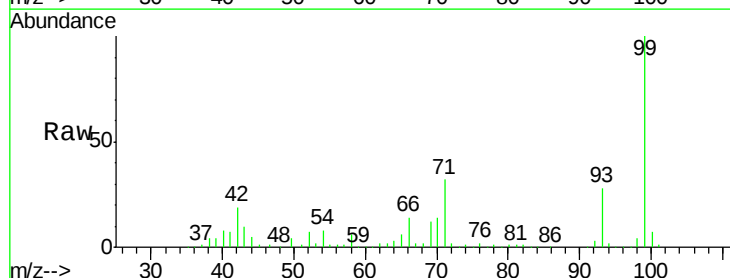
Tgt Ion: 99 Resp: 548068

Ion Ratio Lower Upper

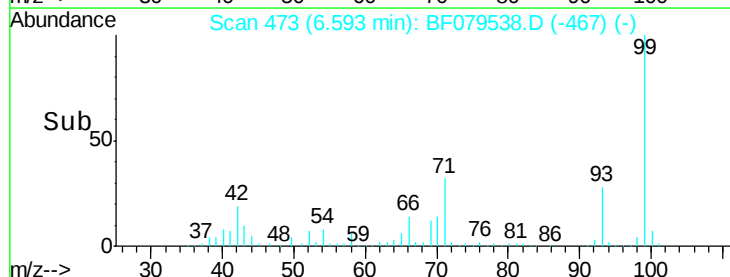
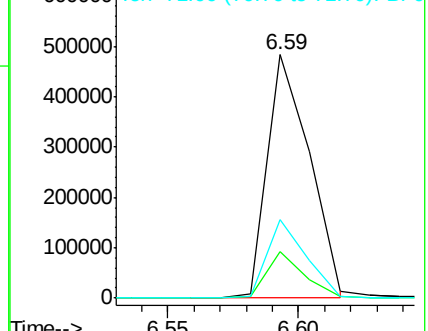
99 100

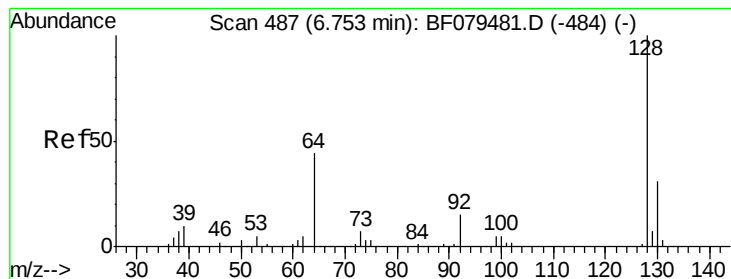
42 19.1 11.9 17.9#

71 32.3 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 43.49 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.01 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

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ClientSampleId :

TP-9-D10MSD

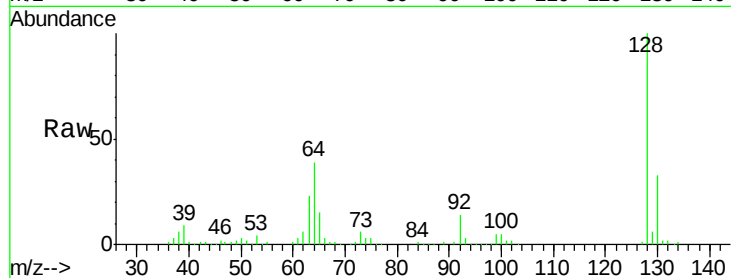
Tgt Ion:128 Resp: 164988

Ion Ratio Lower Upper

128 100

130 33.2 11.4 51.4

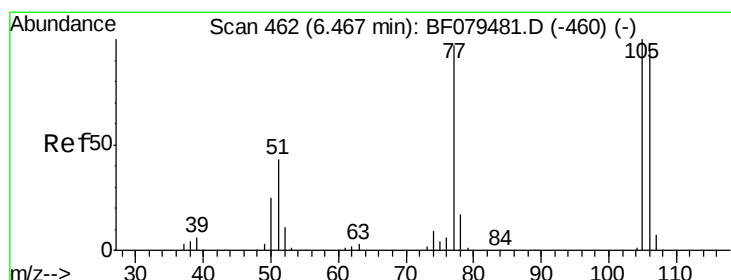
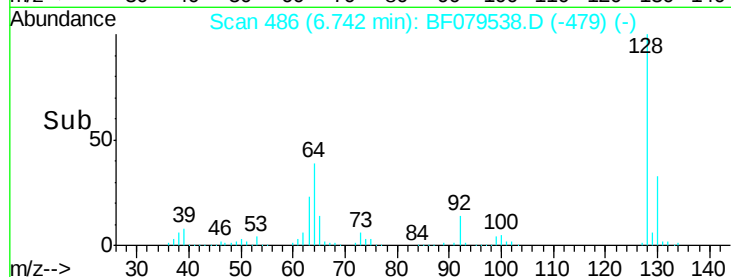
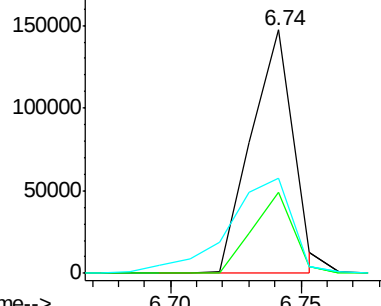
64 39.0 25.9 65.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 5.73 ng

RT: 6.44 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

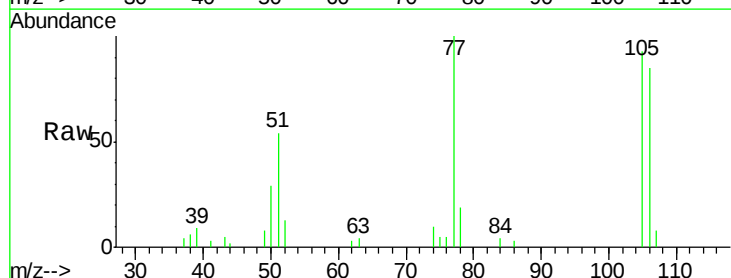
Tgt Ion: 77 Resp: 18338

Ion Ratio Lower Upper

77 100

105 92.6 83.3 123.3

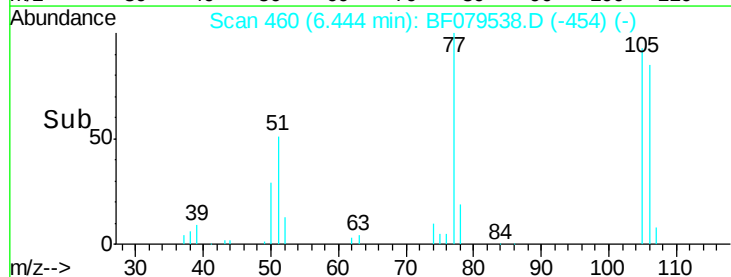
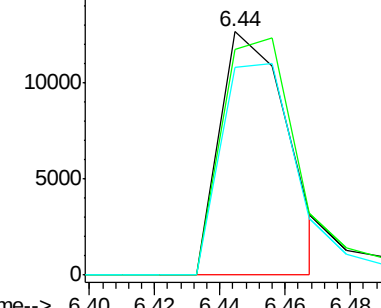
106 85.1 78.4 118.4

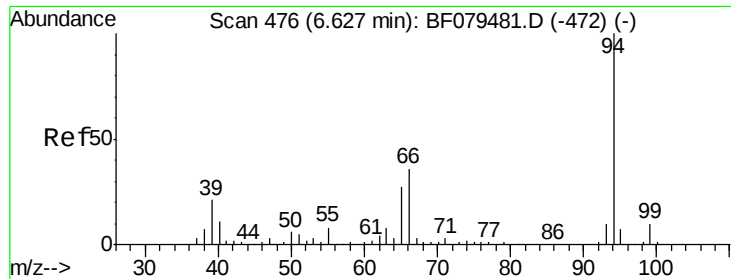


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 45.50 ng

RT: 6.62 min Scan# 475

Delta R.T. -0.00 min

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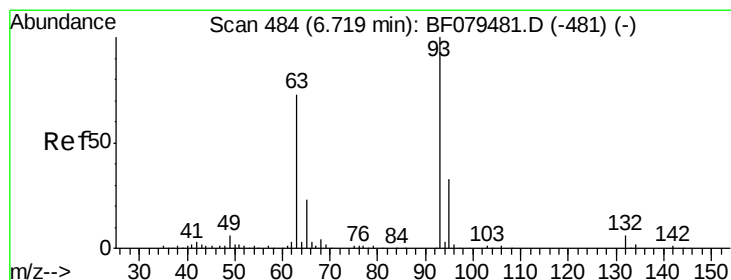
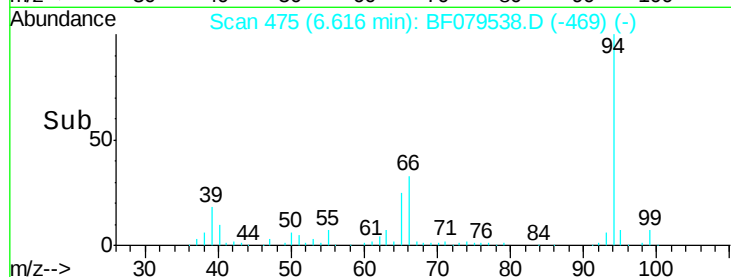
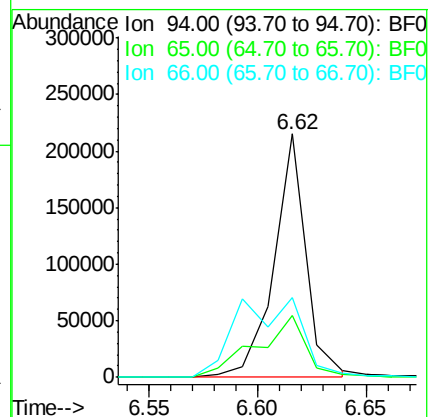
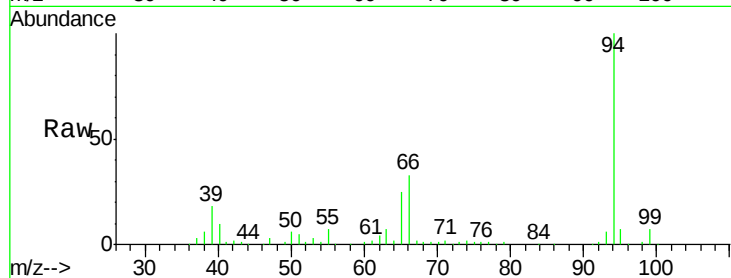
Tgt Ion: 94 Resp: 222515

Ion Ratio Lower Upper

94 100

65 25.4 7.2 47.2

66 32.8 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 46.98 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

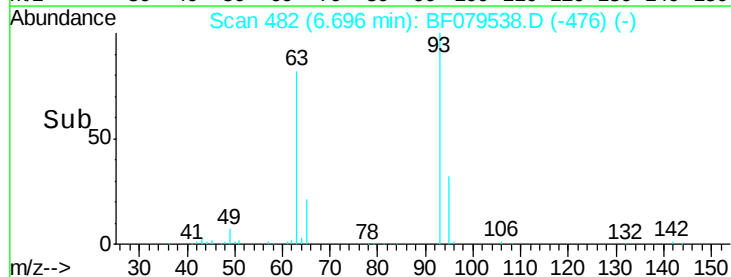
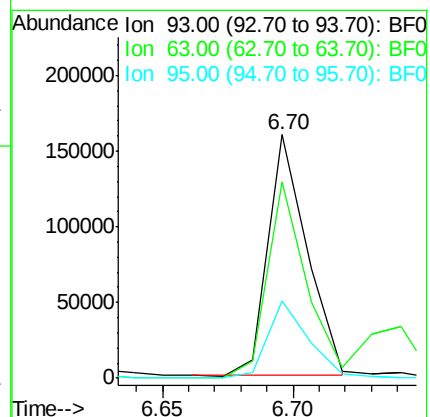
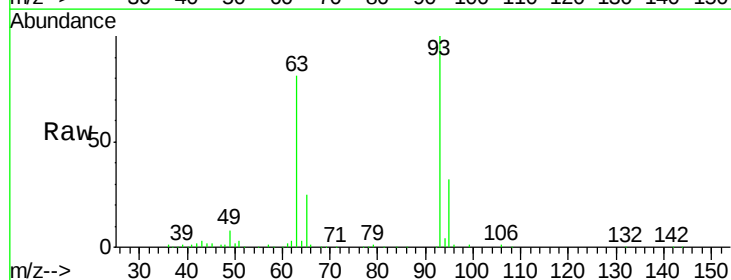
Tgt Ion: 93 Resp: 166190

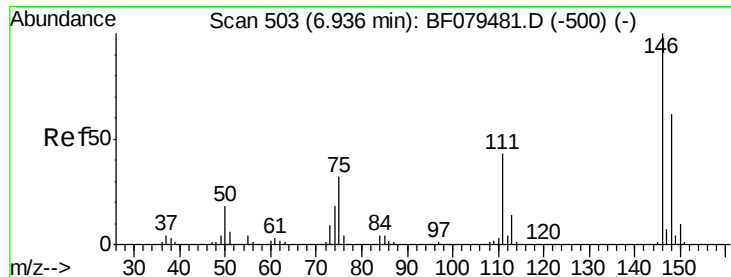
Ion Ratio Lower Upper

93 100

63 80.7 51.8 91.8

95 31.9 13.0 53.0

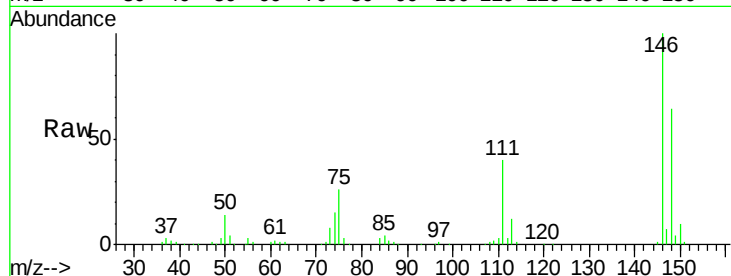




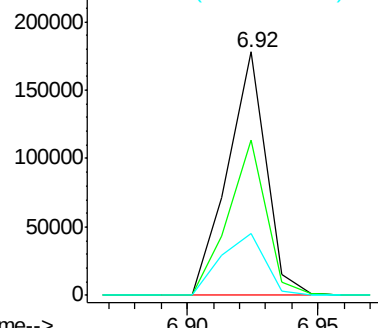
#12
 1,3-Dichlorobenzene
 Concen: 43.49 ng
 RT: 6.92 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
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 ClientSampleId :
 TP-9-D10MSD

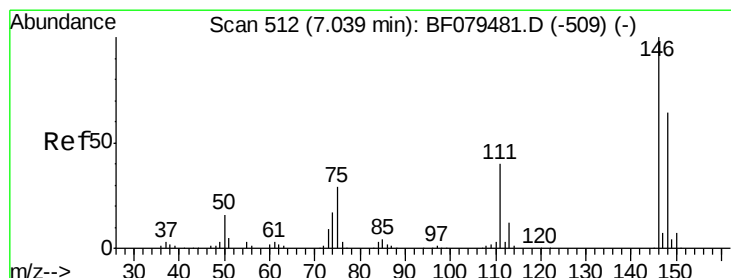
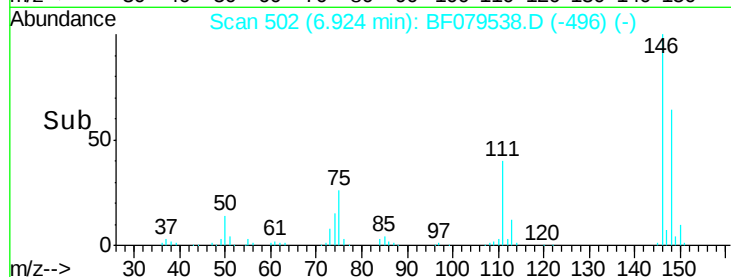
Tgt Ion:146 Resp: 182778
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.6 74.4
 75 25.6 25.9 38.9#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

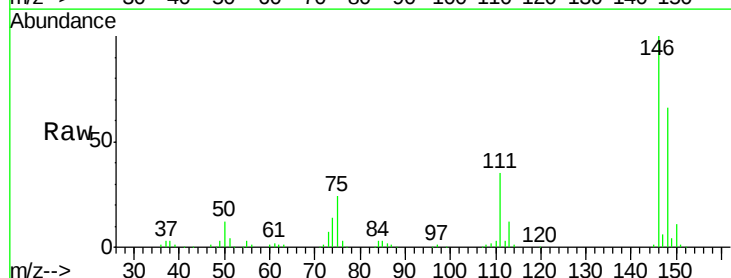


Time-->

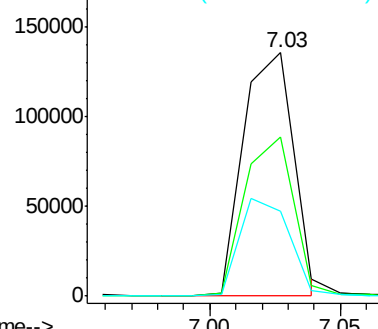


#13
 1,4-Dichlorobenzene
 Concen: 42.68 ng
 RT: 7.03 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

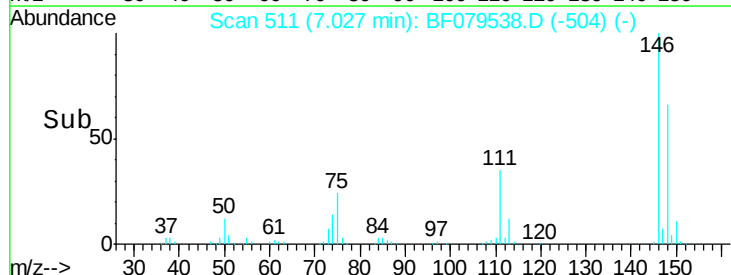
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 Ion Ratio Lower Upper
 146 100
 148 65.5 51.3 76.9
 111 35.0 31.8 47.8

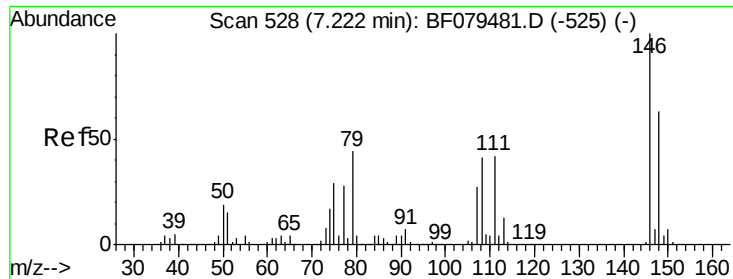


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->

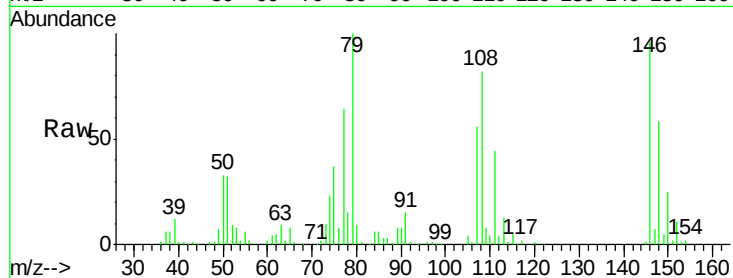




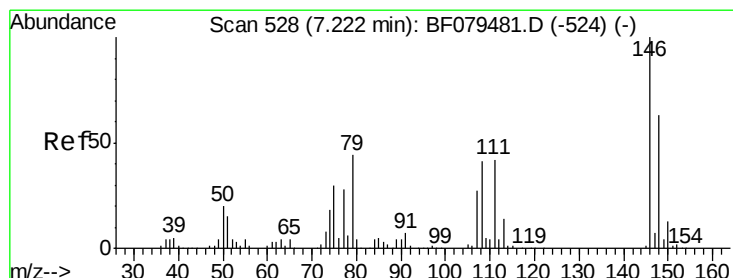
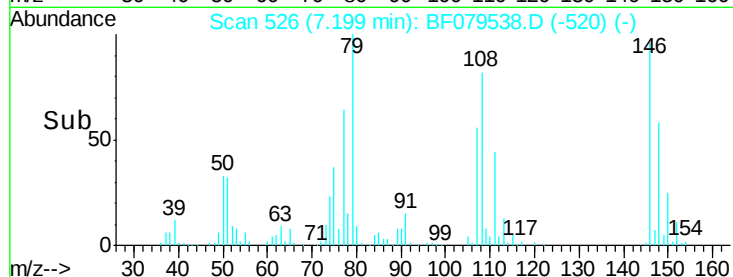
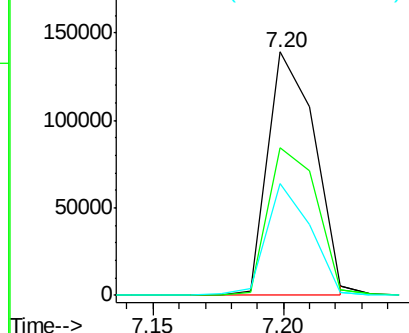
#14
1,2-Dichlorobenzene
Concen: 43.92 ng
RT: 7.20 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

Tgt Ion:146 Resp: 174879
Ion Ratio Lower Upper
146 100
148 60.5 50.6 76.0
111 46.1 33.2 49.8

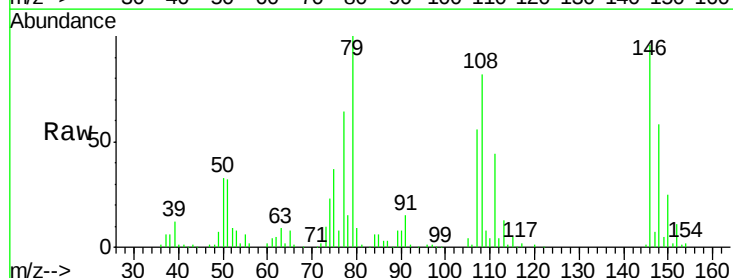


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

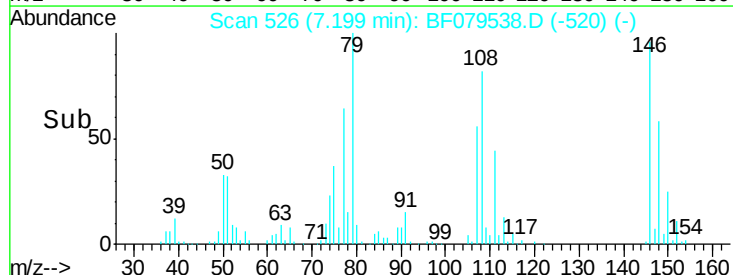
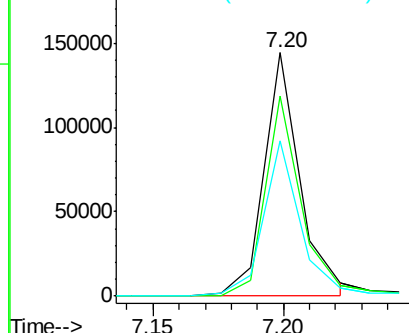


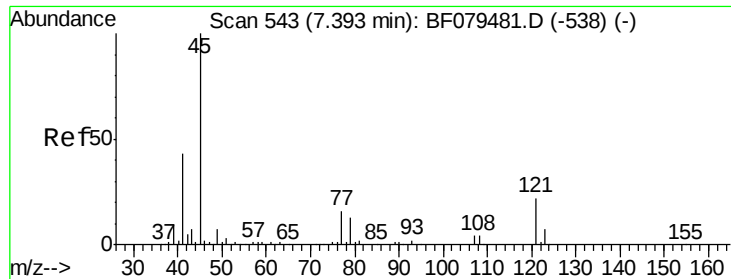
#15
Benzyl Alcohol
Concen: 45.60 ng
RT: 7.20 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion: 79 Resp: 139197
Ion Ratio Lower Upper
79 100
108 82.4 73.7 110.5
77 63.7 51.1 76.7



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

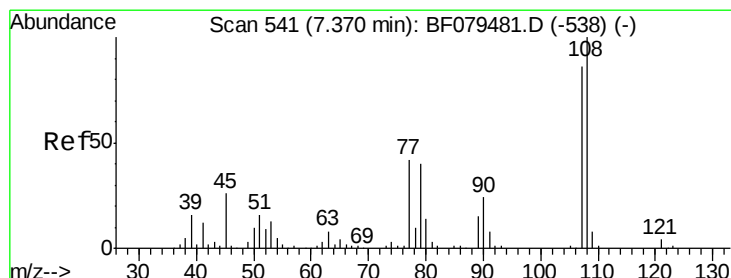
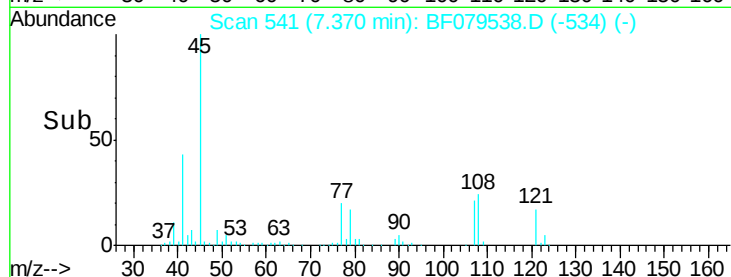
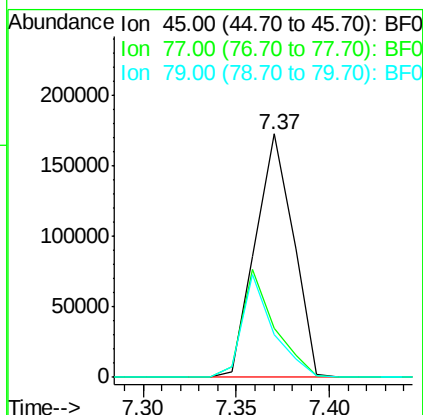
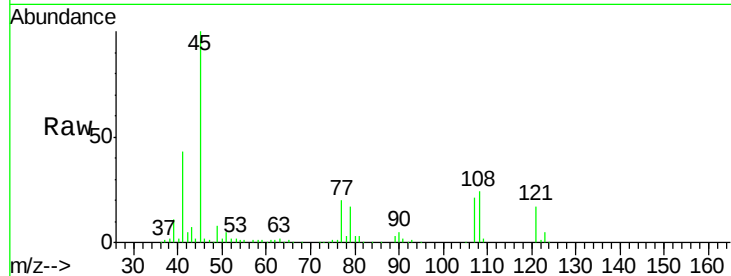




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 47.19 ng
 RT: 7.37 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

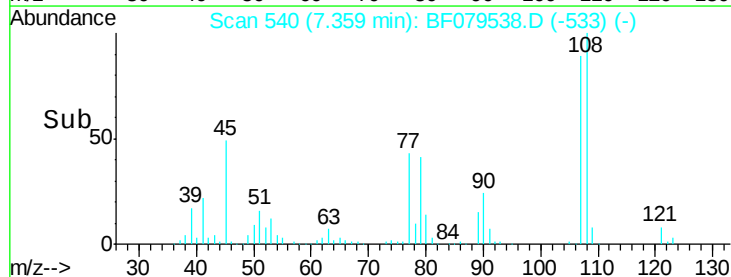
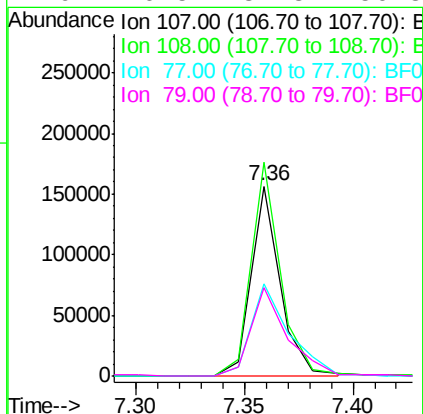
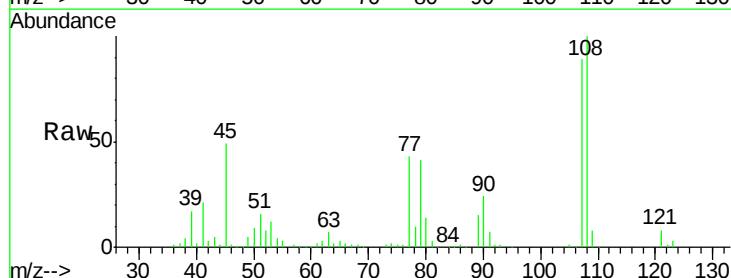
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

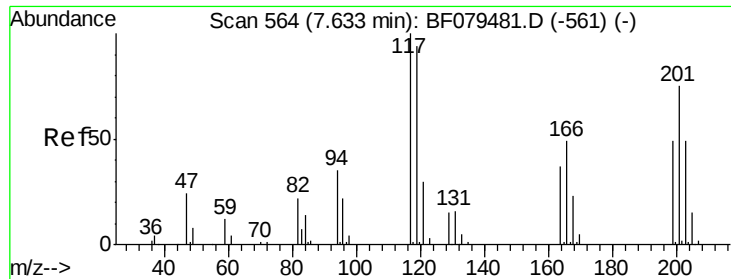
Tgt Ion: 45 Resp: 244332
 Ion Ratio Lower Upper
 45 100
 77 20.3 0.0 35.5
 79 17.4 0.0 32.8



#17
 2-Methylphenol
 Concen: 48.40 ng
 RT: 7.36 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion: 107 Resp: 144264
 Ion Ratio Lower Upper
 107 100
 108 112.7 93.1 139.7
 77 48.8 39.2 58.8
 79 46.5 37.8 56.8

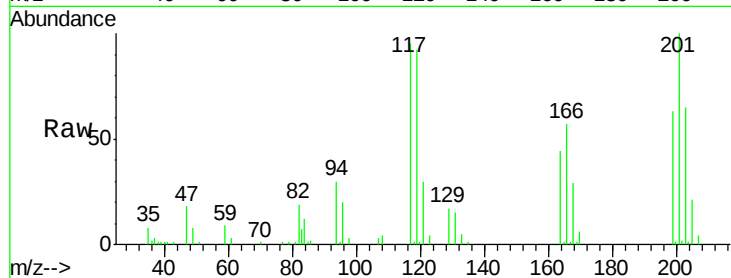




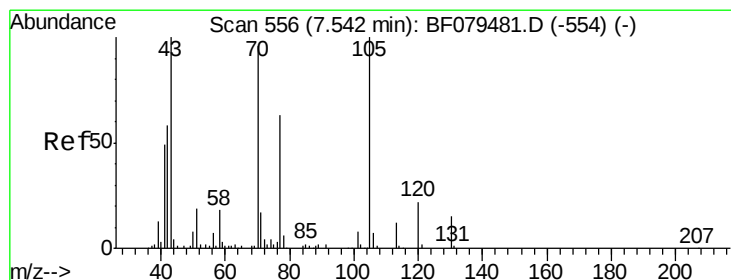
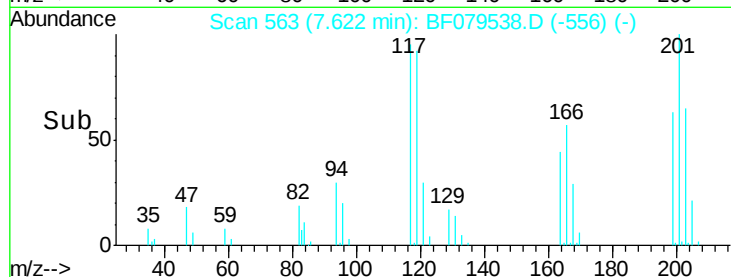
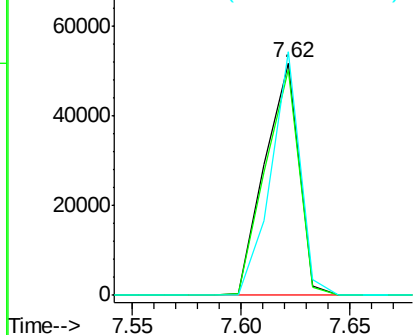
#18
Hexachloroethane
Concen: 38.79 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

Tgt Ion: 117 Resp: 57240
Ion Ratio Lower Upper
117 100
119 96.9 74.9 112.3
201 104.8 60.2 90.4#

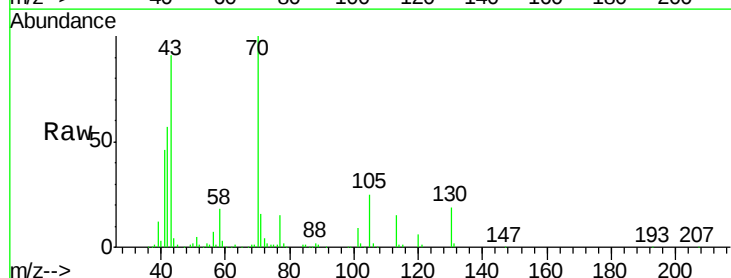


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

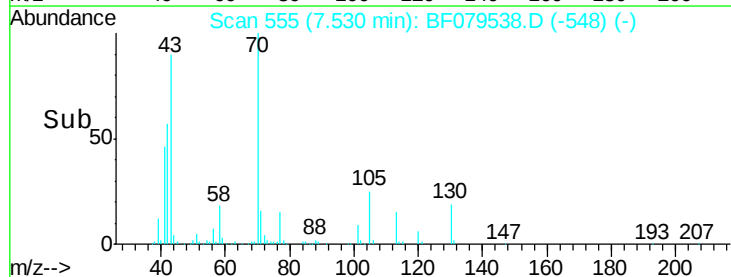
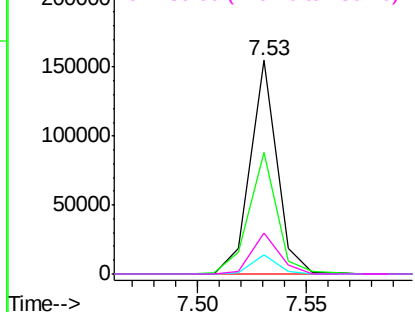


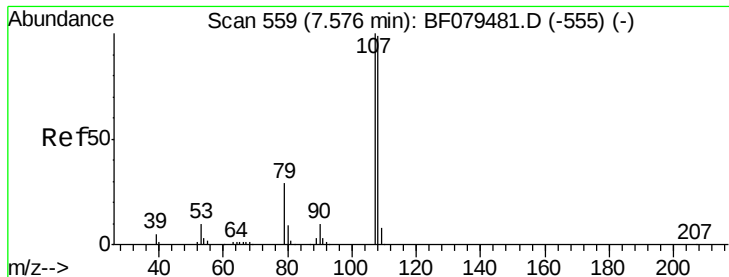
#19
n-Nitroso-di-n-propylamine
Concen: 45.37 ng
RT: 7.53 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion: 70 Resp: 132604
Ion Ratio Lower Upper
70 100
42 57.1 48.8 73.2
101 9.1 6.6 9.8
130 19.0 12.2 18.4#



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: 45.95 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

Tgt Ion:107 Resp: 188175

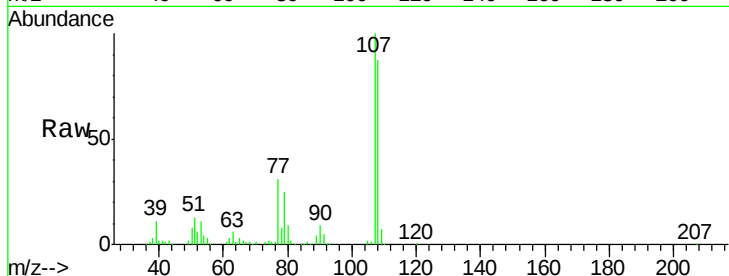
Ion Ratio Lower Upper

107 100

108 87.0 77.7 117.7

77 30.6 11.4 51.4

79 24.6 9.6 49.6

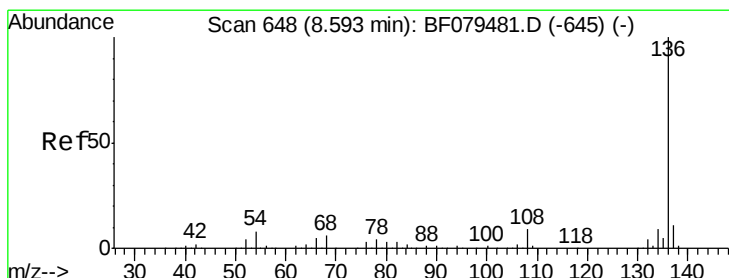
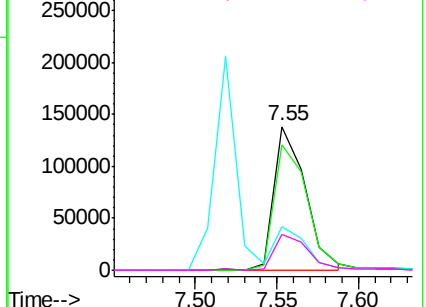
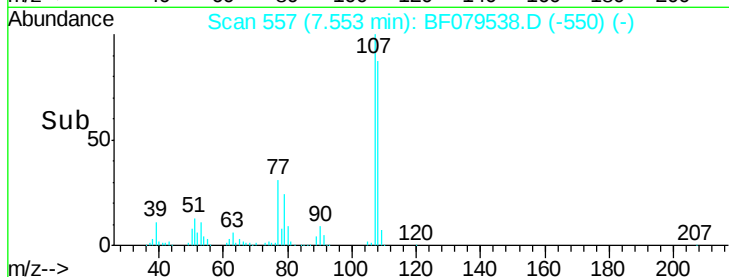


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Tgt Ion:136 Resp: 240420

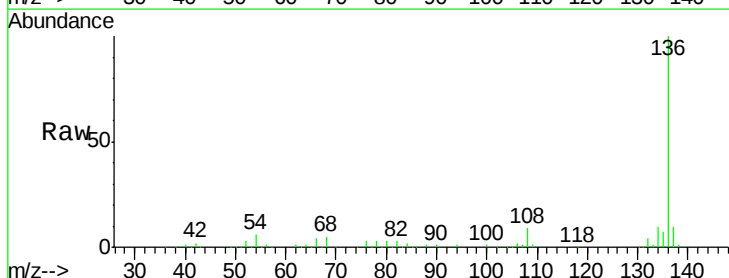
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.3 6.6 9.8#

68 4.9 4.7 7.1

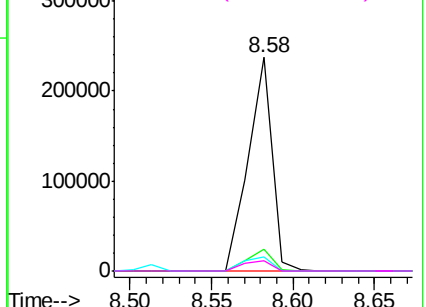
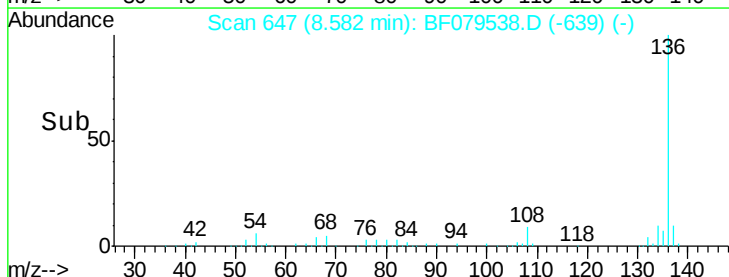


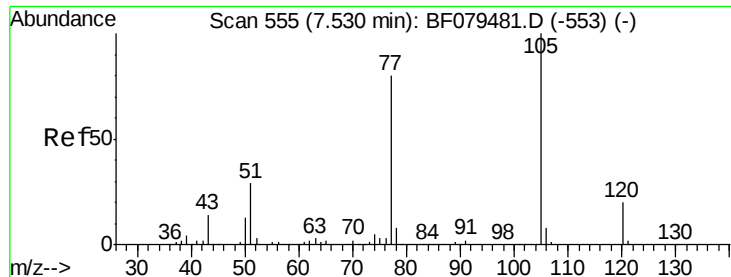
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

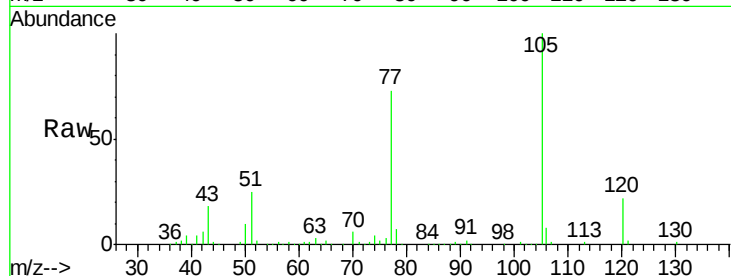




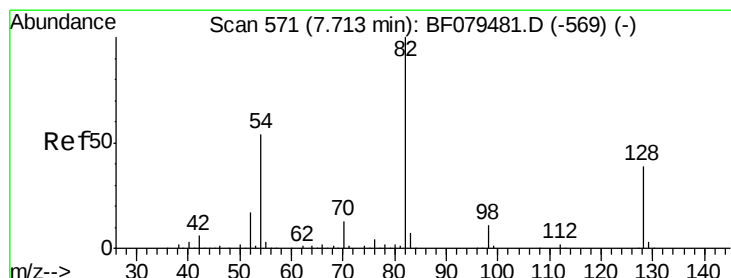
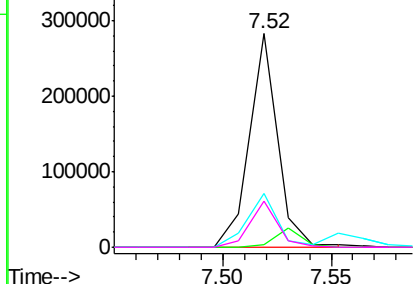
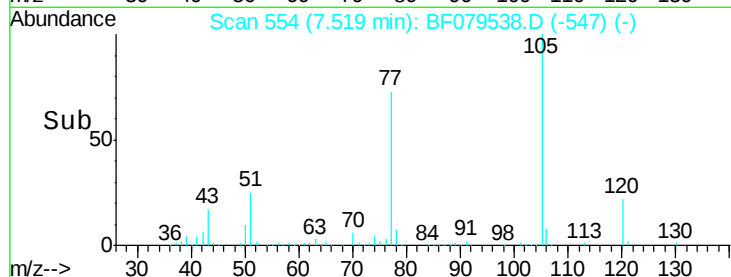
#22
Acetophenone
Concen: 47.47 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

Tgt Ion: 105 Resp: 255694
Ion Ratio Lower Upper
105 100
71 1.1 0.2 0.4#
51 25.3 23.7 35.5
120 21.6 16.2 24.4

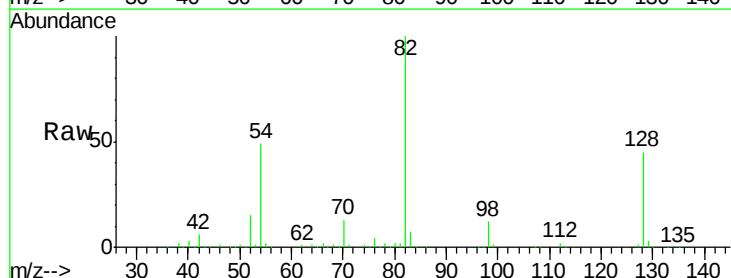


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

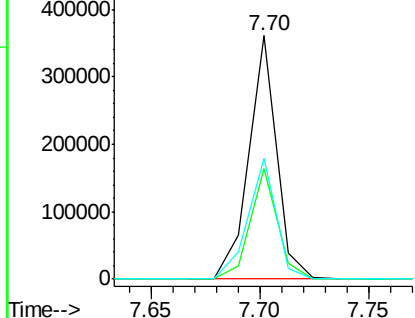
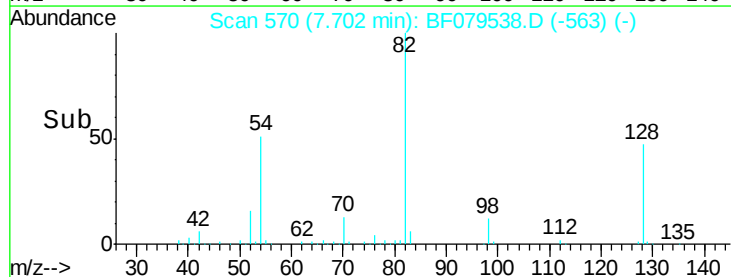


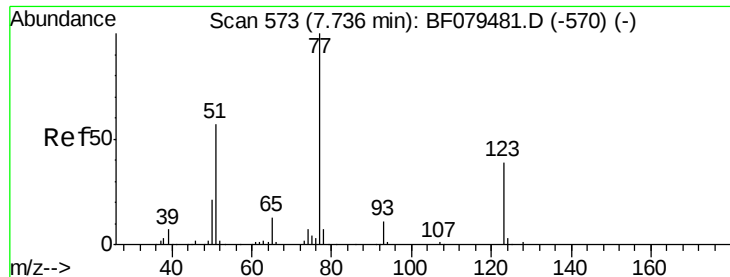
#23
Nitrobenzene-d5
Concen: 77.28 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion: 82 Resp: 321403
Ion Ratio Lower Upper
82 100
128 45.2 30.8 46.2
54 49.4 42.8 64.2



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





#24

Nitrobenzene

Concen: 45.25 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

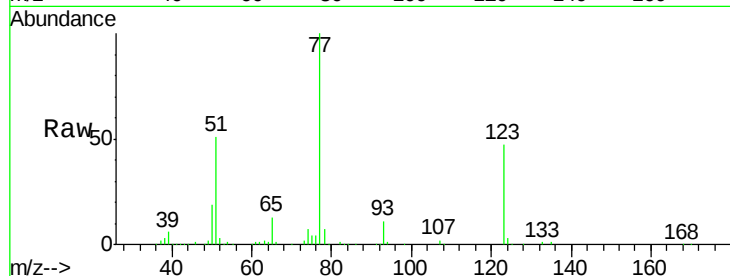
Tgt Ion: 77 Resp: 185477

Ion Ratio Lower Upper

77 100

123 46.8 31.0 46.4#

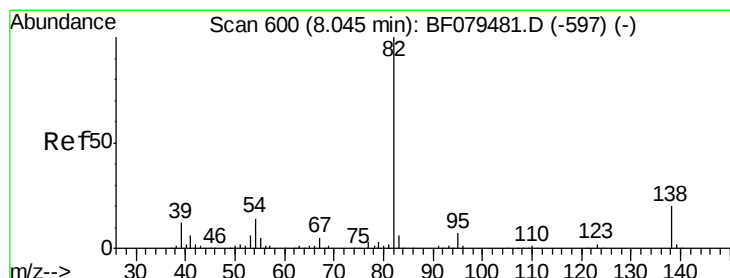
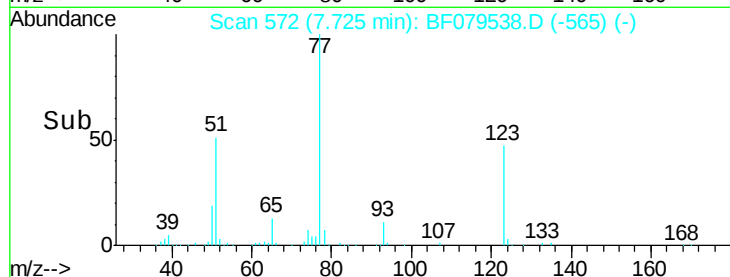
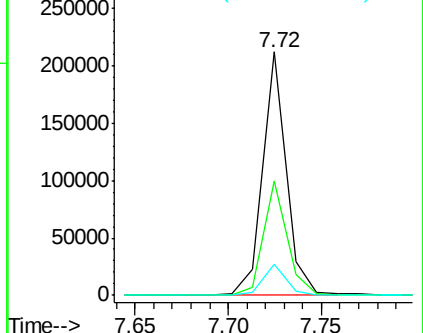
65 12.9 10.6 15.8



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: 43.81 ng

RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

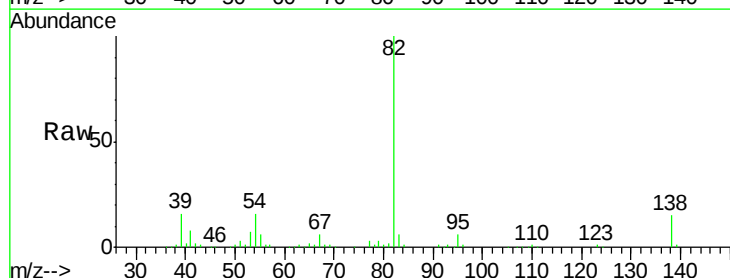
Tgt Ion: 82 Resp: 332088

Ion Ratio Lower Upper

82 100

95 6.1 5.5 8.3

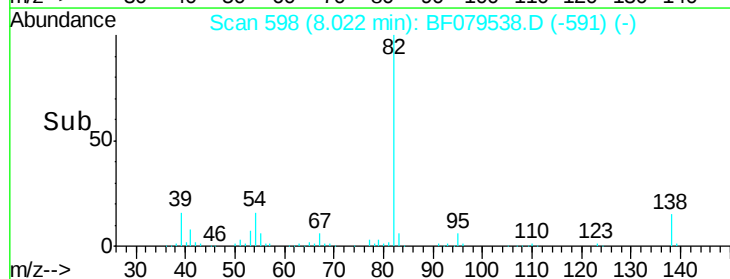
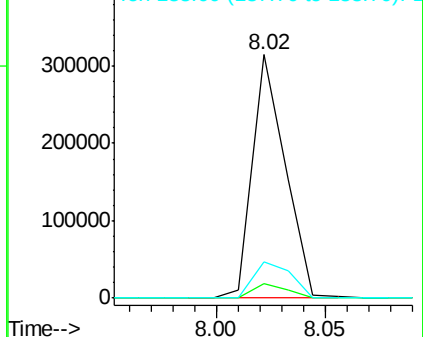
138 15.0 16.1 24.1#

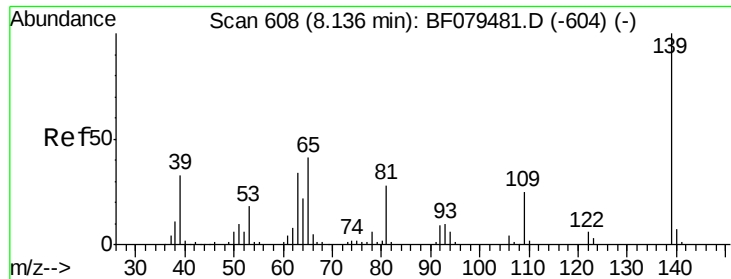


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 33.42 ng

RT: 8.12 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

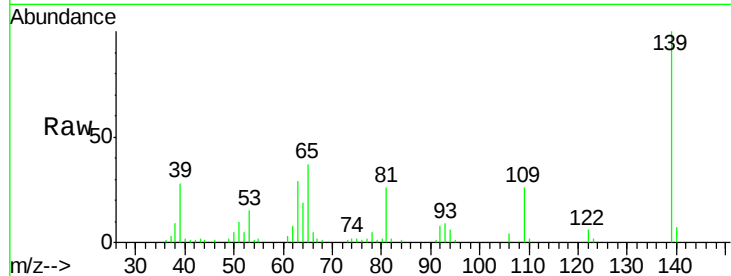
Tgt Ion:139 Resp: 64866

Ion Ratio Lower Upper

139 100

109 25.7 20.2 30.2

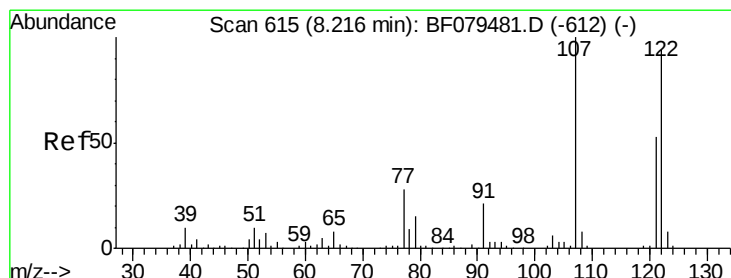
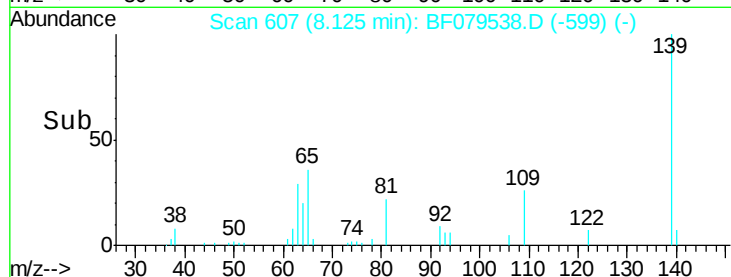
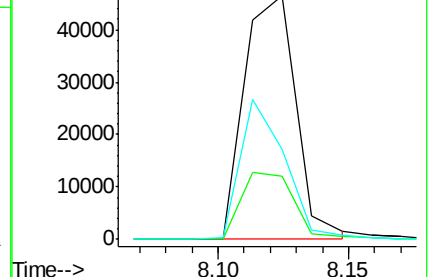
65 37.0 32.5 48.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 45.18 ng

RT: 8.20 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

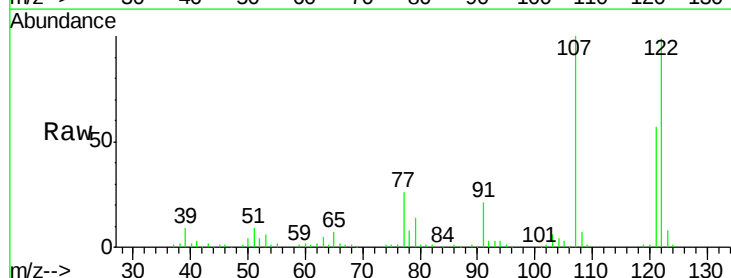
Tgt Ion:122 Resp: 157615

Ion Ratio Lower Upper

122 100

107 101.2 85.2 127.8

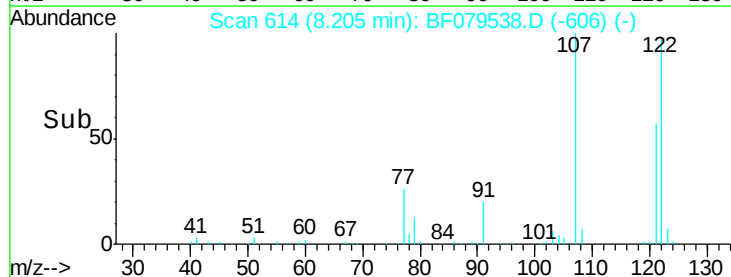
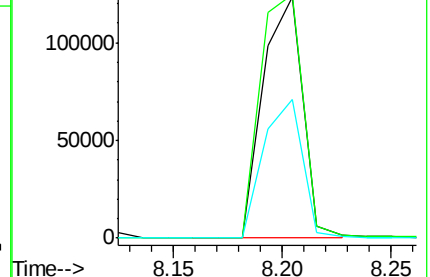
121 57.4 45.2 67.8

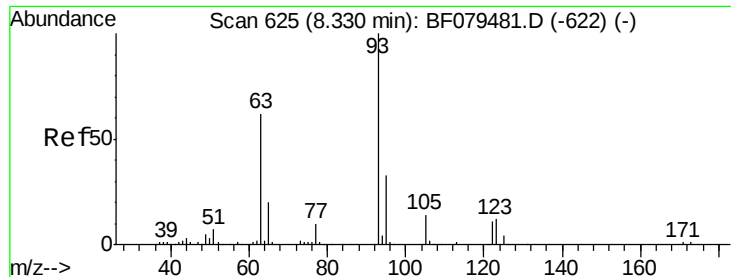


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

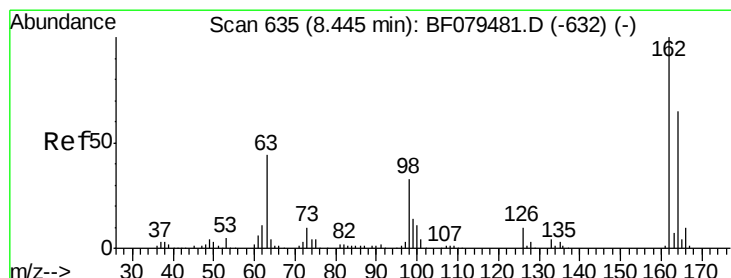
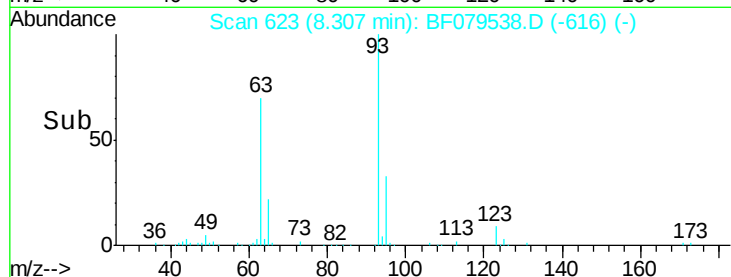
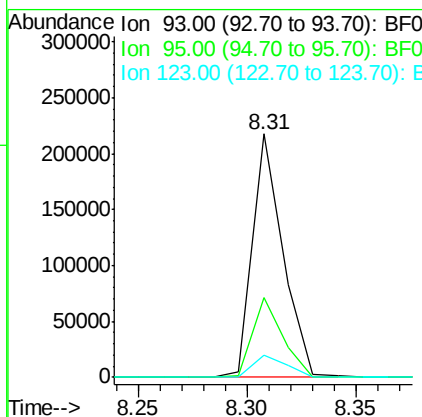
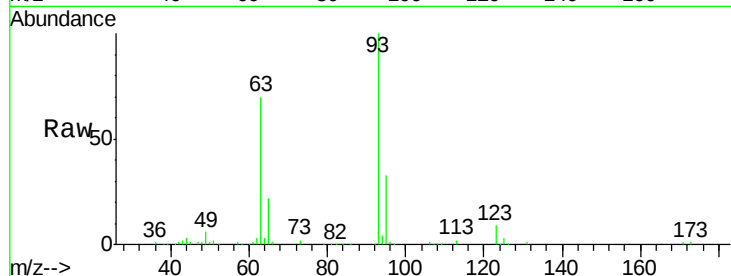




#28
bis(2-Chloroethoxy)methane
Concen: 45.14 ng
RT: 8.31 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

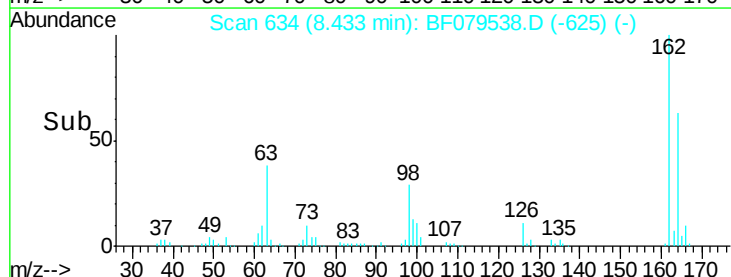
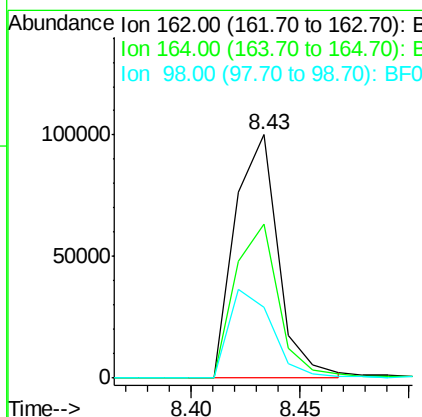
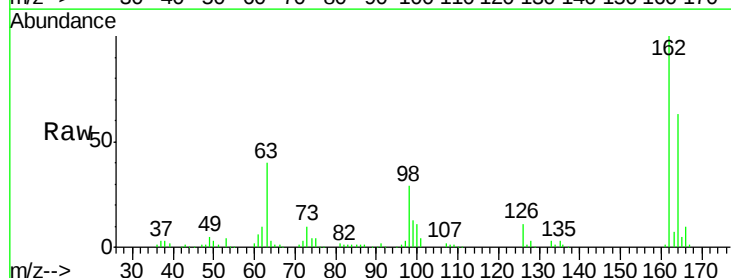
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

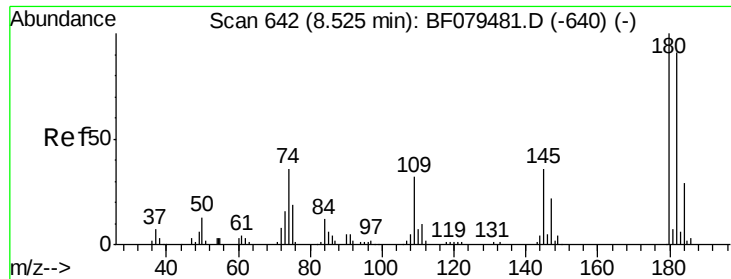
Tgt Ion: 93 Resp: 212102
Ion Ratio Lower Upper
93 100
95 32.6 26.6 39.8
123 9.3 9.4 14.0#



#29
2,4-Dichlorophenol
Concen: 43.36 ng
RT: 8.43 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion: 162 Resp: 138558
Ion Ratio Lower Upper
162 100
164 63.2 45.0 85.0
98 29.2 13.2 53.2

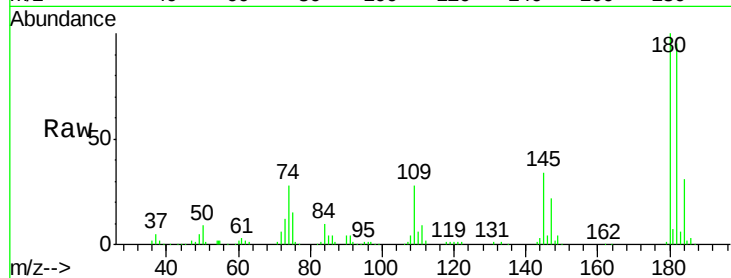




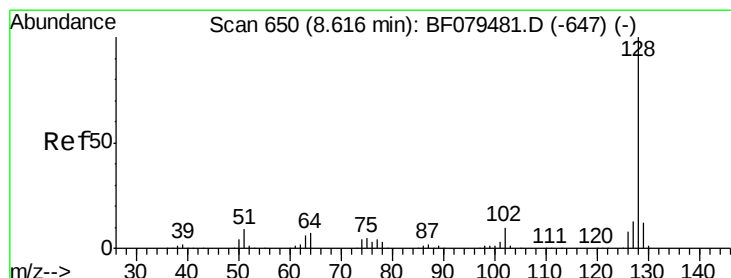
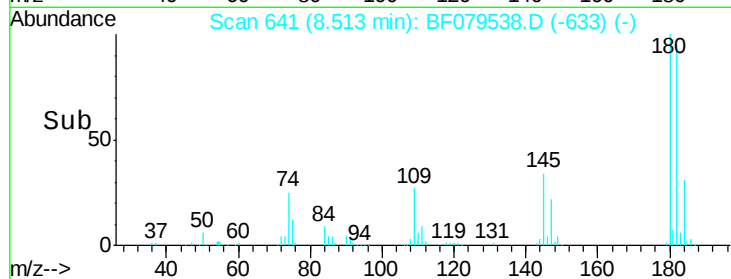
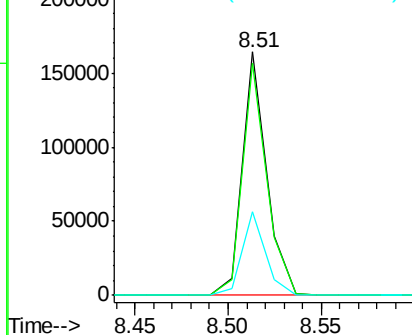
#30
 1,2,4-Trichlorobenzene
 Concen: 45.03 ng
 RT: 8.51 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:180 Resp: 149280
 Ion Ratio Lower Upper
 180 100
 182 95.1 73.2 109.8
 145 34.3 28.9 43.3

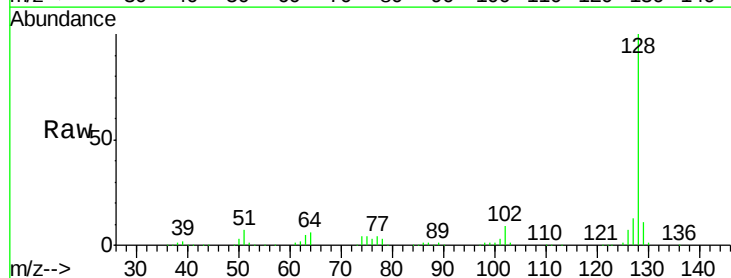


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

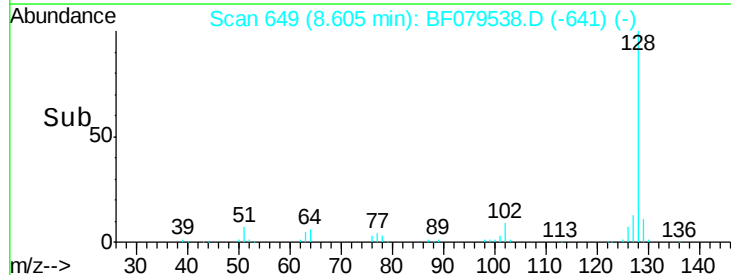
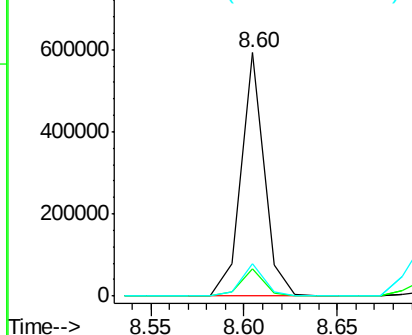


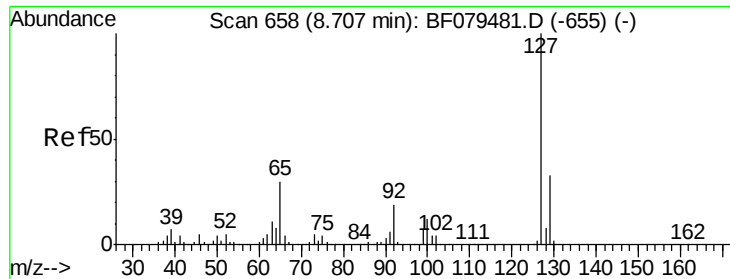
#31
 Naphthalene
 Concen: 44.76 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:128 Resp: 516392
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 13.4 10.6 15.8



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

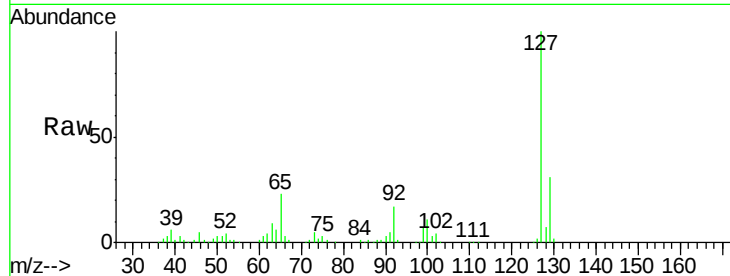




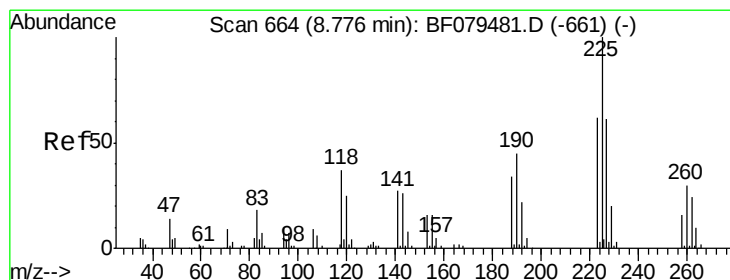
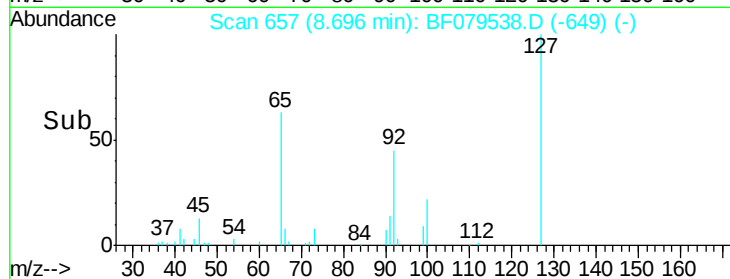
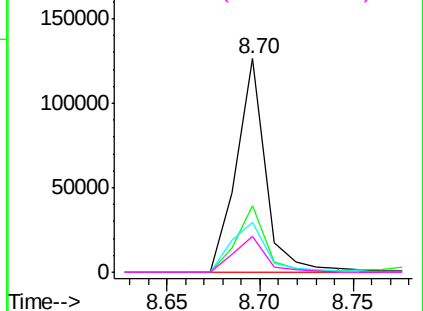
#33
4-Chloroaniline
Concen: 28.68 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

Tgt Ion:	127	Resp:	138242
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	23.4	24.2	36.4#
92	16.8	15.4	23.0

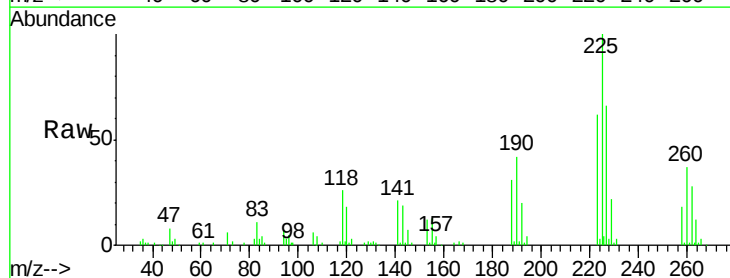


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

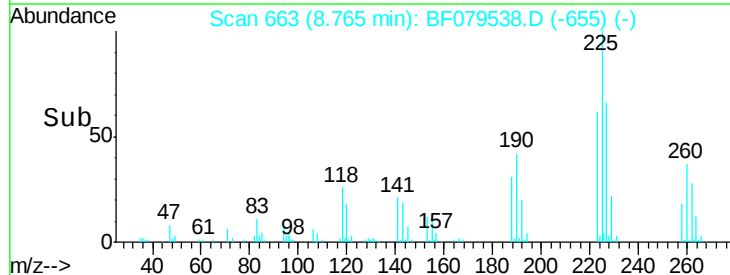
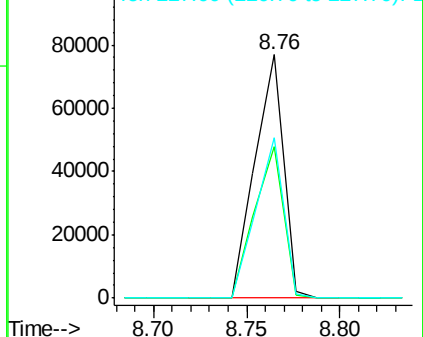


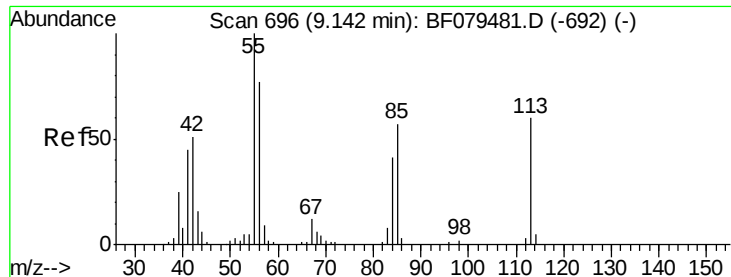
#34
Hexachlorobutadiene
Concen: 43.13 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion:	225	Resp:	81320
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	65.8	48.9	73.3



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

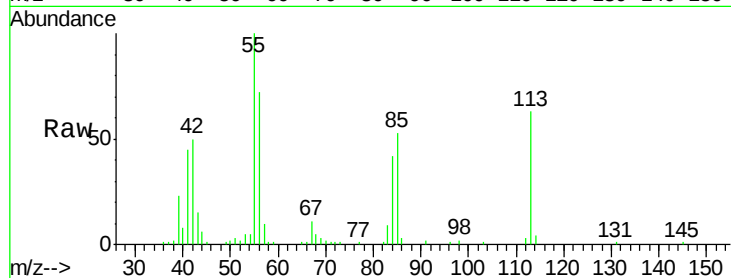




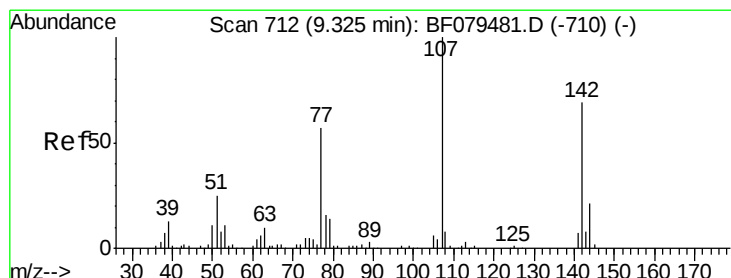
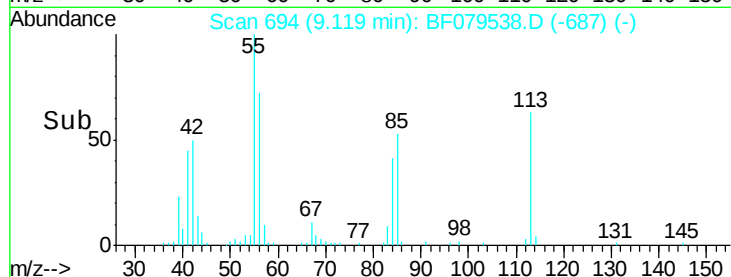
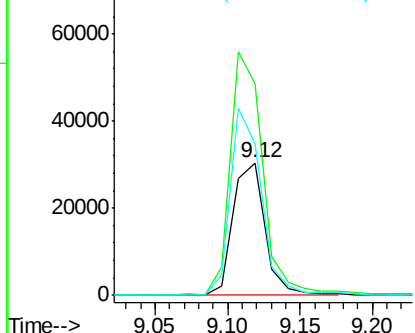
#35
 Caprolactam
 Concen: 46.30 ng
 RT: 9.12 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:113 Resp: 46658
 Ion Ratio Lower Upper
 113 100
 55 159.7 147.2 187.2
 56 114.5 108.6 148.6

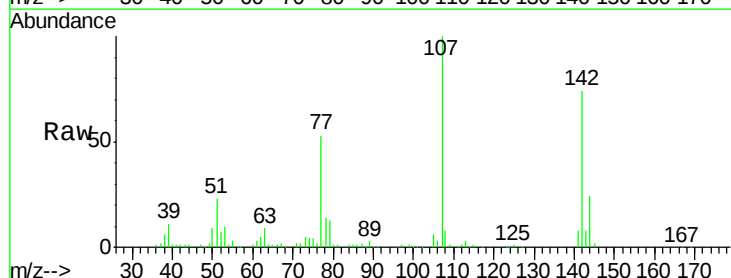


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

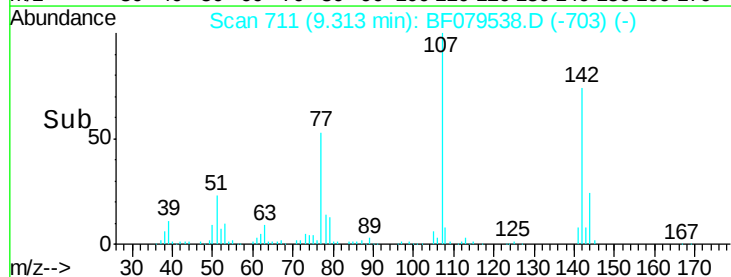
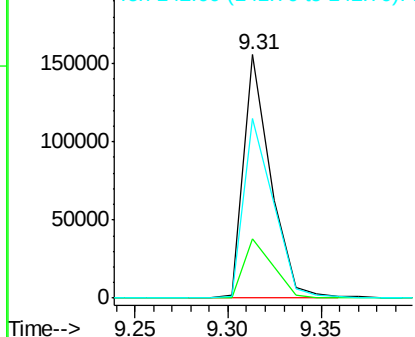


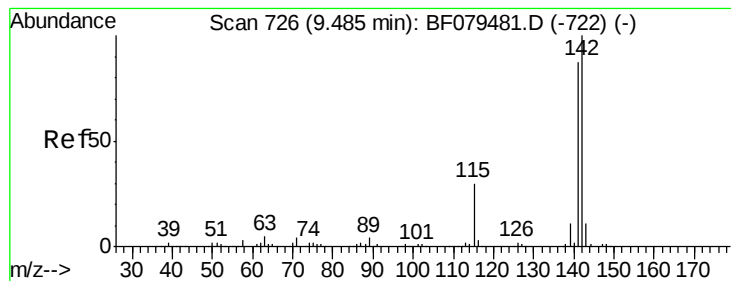
#36
 4-Chloro-3-methylphenol
 Concen: 47.87 ng
 RT: 9.31 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:107 Resp: 158675
 Ion Ratio Lower Upper
 107 100
 144 24.2 16.9 25.3
 142 73.9 55.2 82.8



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: 44.24 ng

RT: 9.46 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

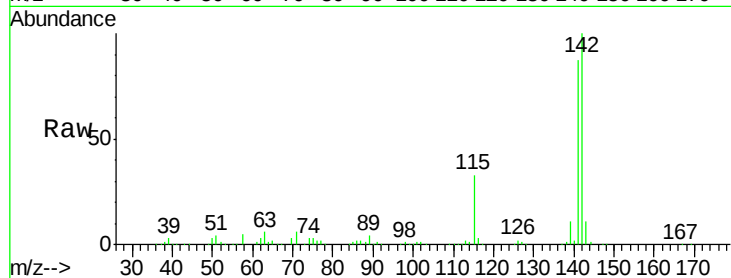
Tgt Ion:142 Resp: 354390

Ion Ratio Lower Upper

142 100

141 86.9 69.5 104.3

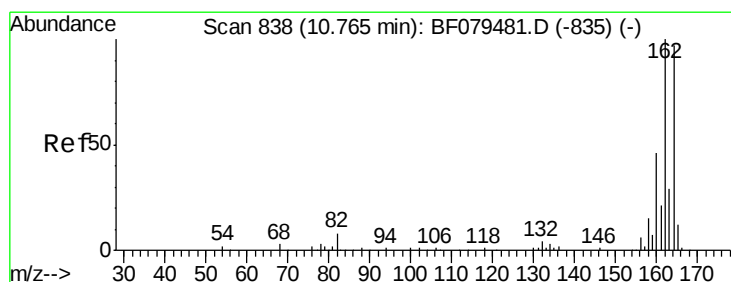
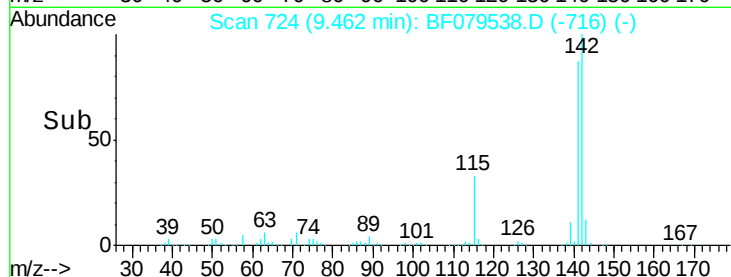
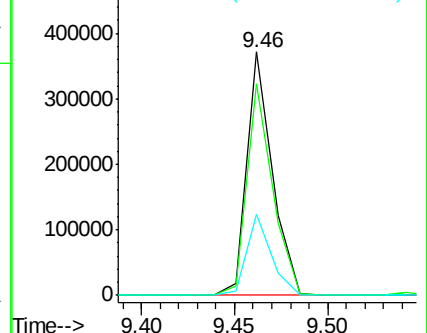
115 33.2 23.8 35.6



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: 10.74 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

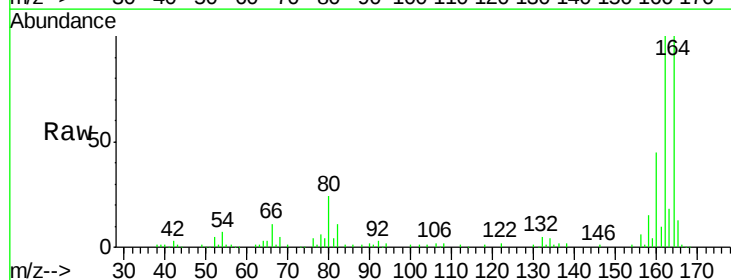
Tgt Ion:164 Resp: 115142

Ion Ratio Lower Upper

164 100

162 100.2 82.6 124.0

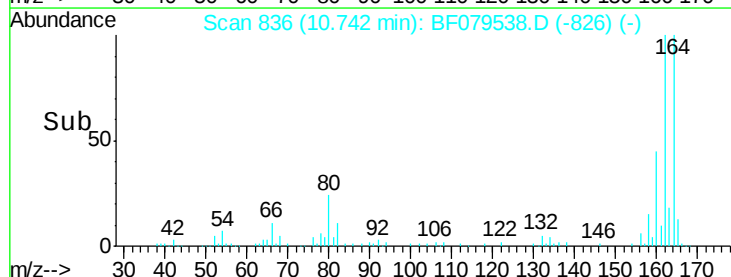
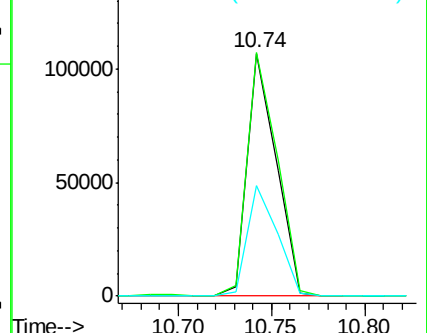
160 45.2 37.7 56.5

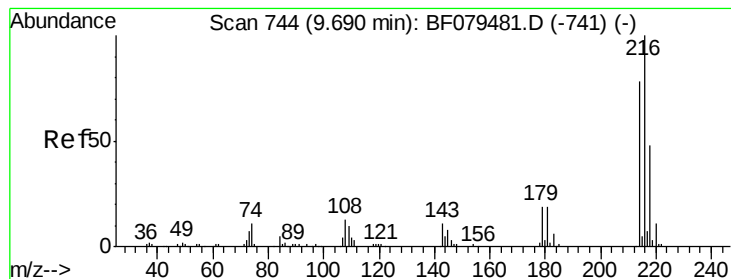


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.61 ng

RT: 9.67 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

Tgt Ion:216 Resp: 143673

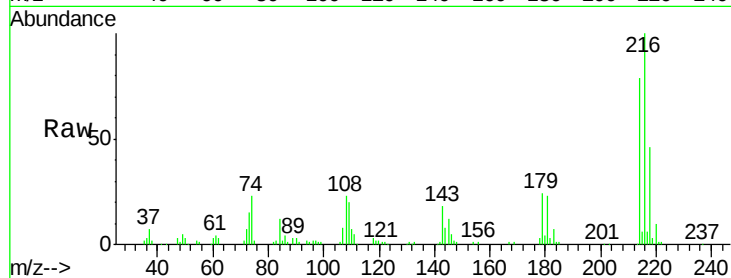
Ion Ratio Lower Upper

216 100

214 77.8 0.0 0.0#

179 21.8 0.0 0.0#

108 19.9 0.0 0.0#

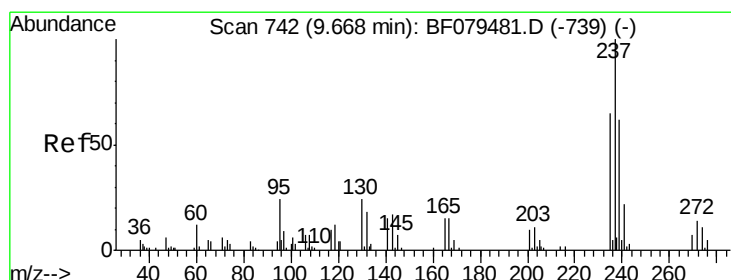
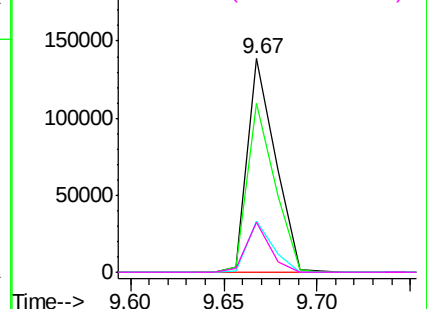
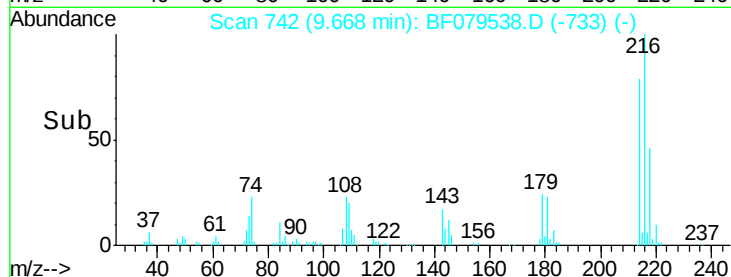


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.52 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

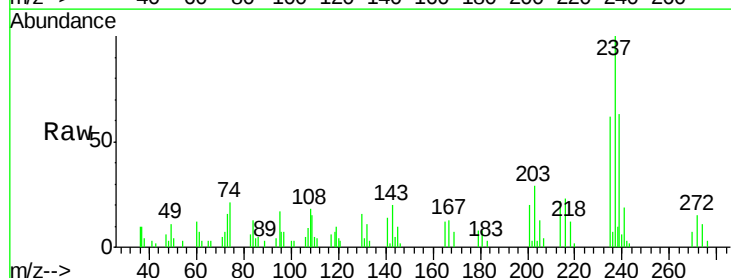
Tgt Ion:237 Resp: 11617

Ion Ratio Lower Upper

237 100

235 62.5 45.0 85.0

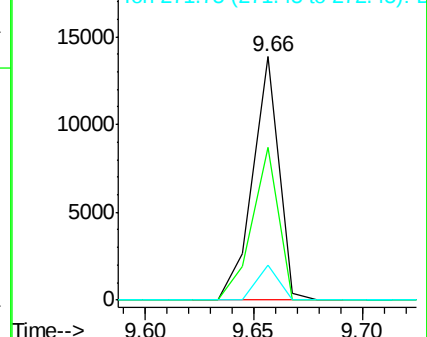
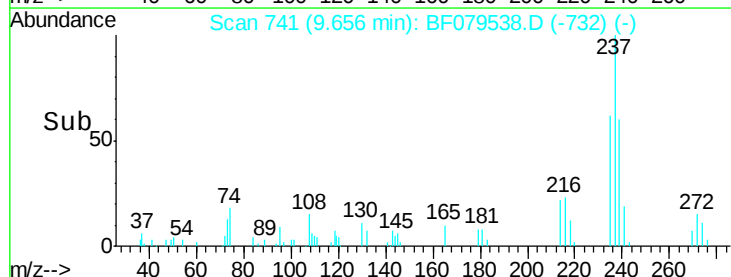
272 14.6 0.0 33.9

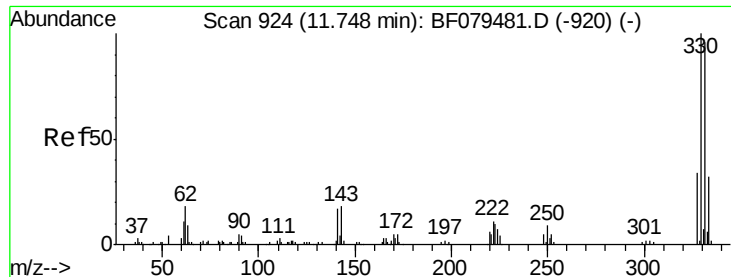


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

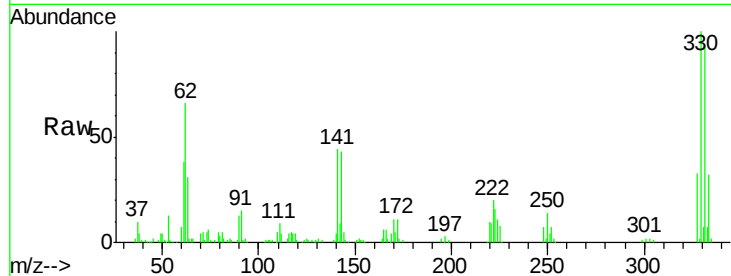




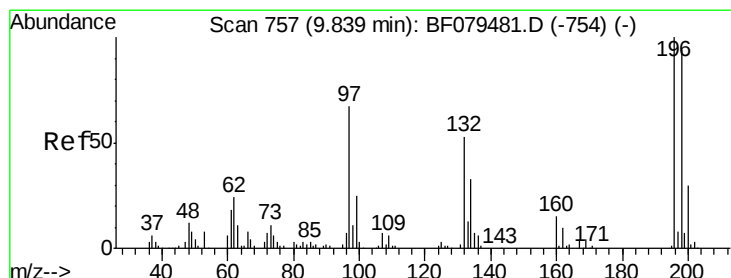
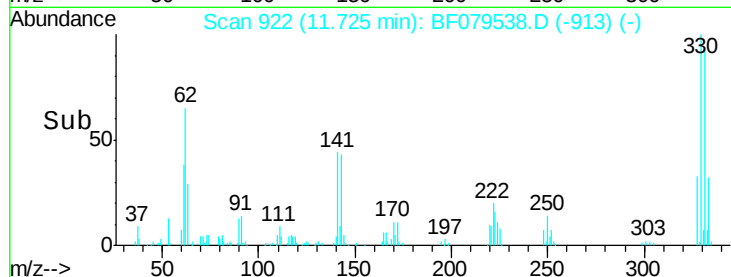
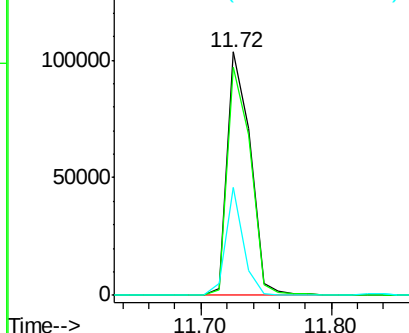
#41
 2,4,6-Tribromophenol
 Concen: 100.76 ng
 RT: 11.72 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:330 Resp: 127435
 Ion Ratio Lower Upper
 330 100
 332 94.4 0.0 0.0#
 141 33.7 0.0 0.0#

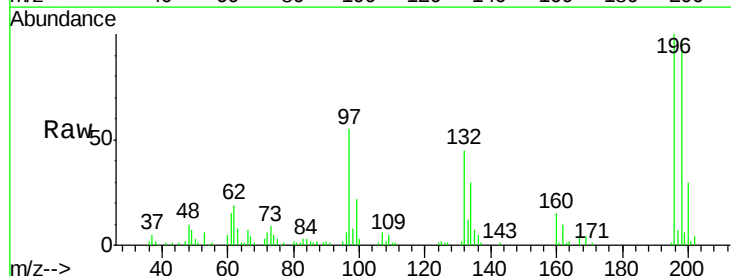


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

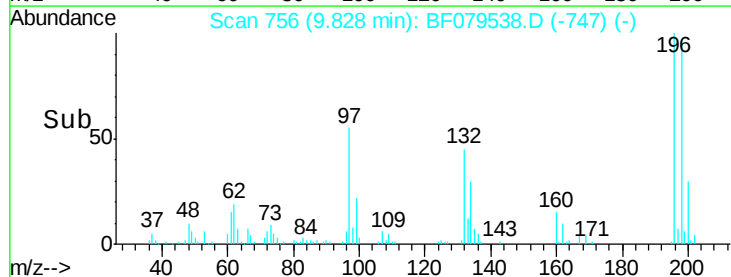
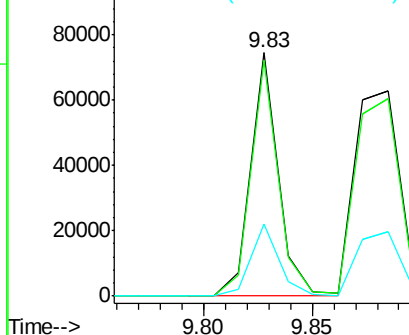


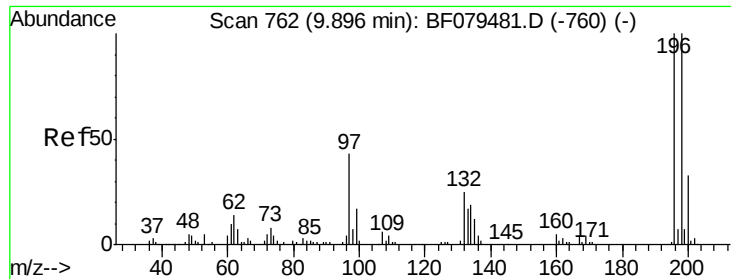
#42
 2,4,6-Trichlorophenol
 Concen: 29.30 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:196 Resp: 65902
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.3 112.9
 200 29.6 23.8 35.8



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

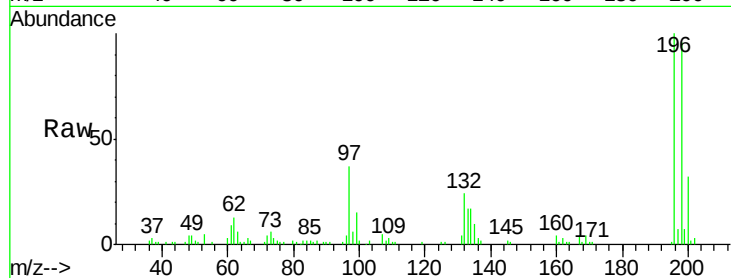




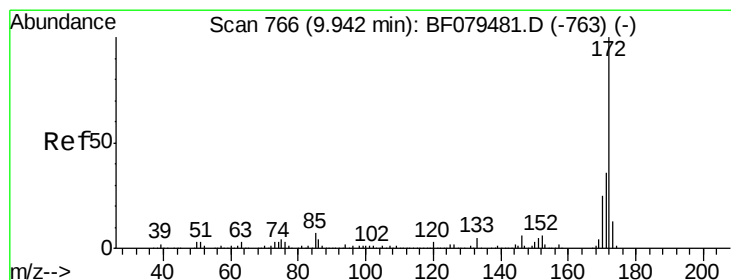
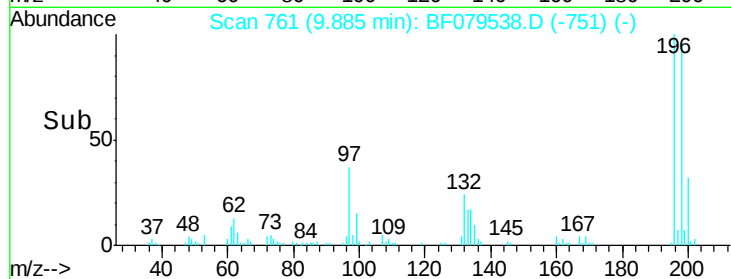
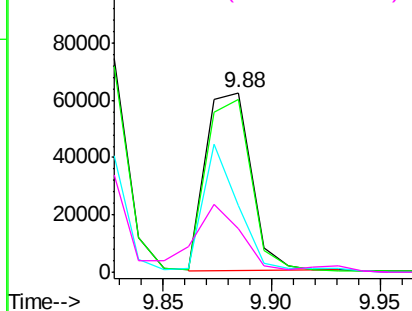
#43
 2,4,5-Trichlorophenol
 Concen: 40.52 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:196 Resp: 90693
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.3 120.5
 97 37.3 34.8 52.2
 132 24.3 20.6 31.0

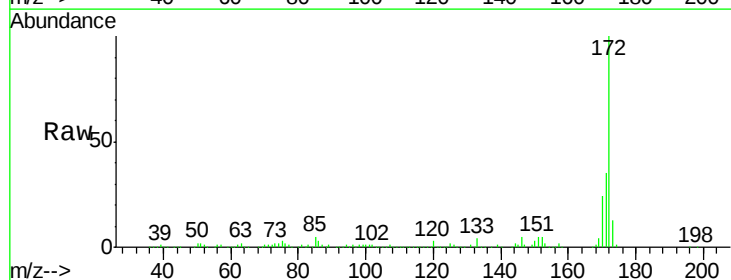


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

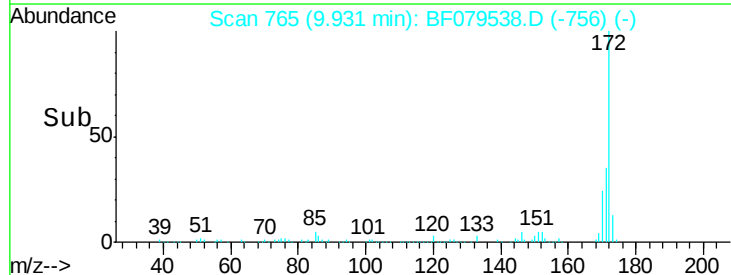
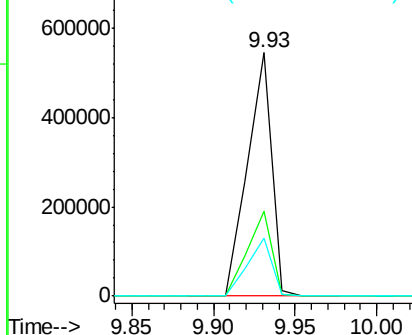


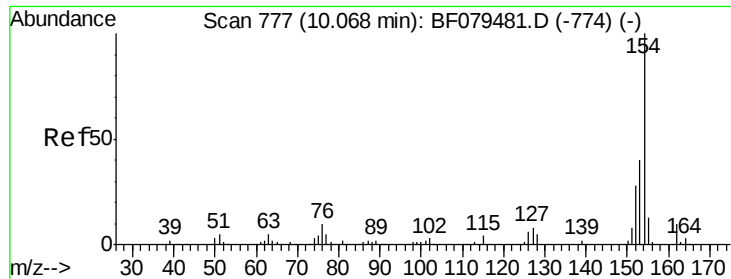
#44
 2-Fluorobiphenyl
 Concen: 69.41 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:172 Resp: 560194
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 24.0 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

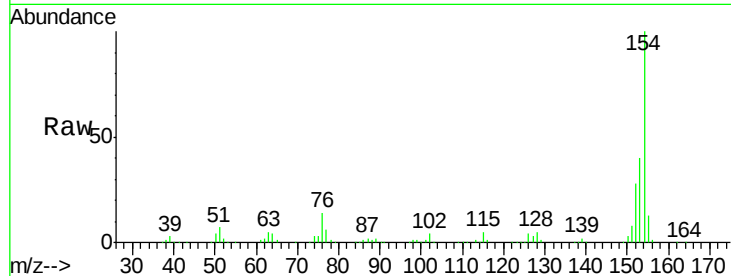




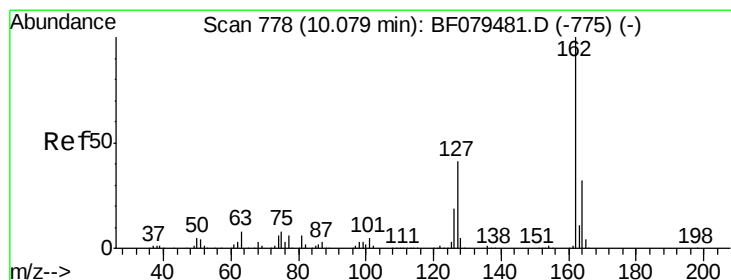
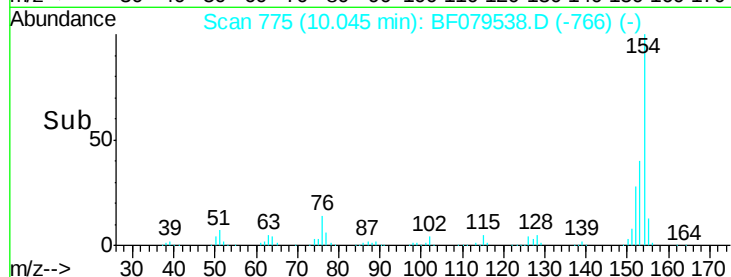
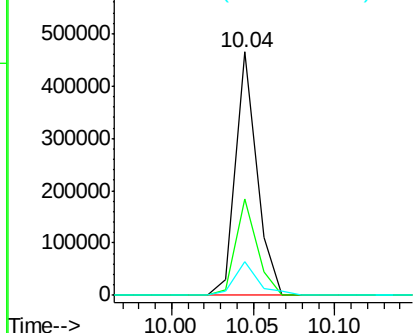
#45
 1,1'-Biphenyl
 Concen: 46.52 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:154 Resp: 418327
 Ion Ratio Lower Upper
 154 100
 153 39.6 19.5 59.5
 76 14.1 0.0 29.6

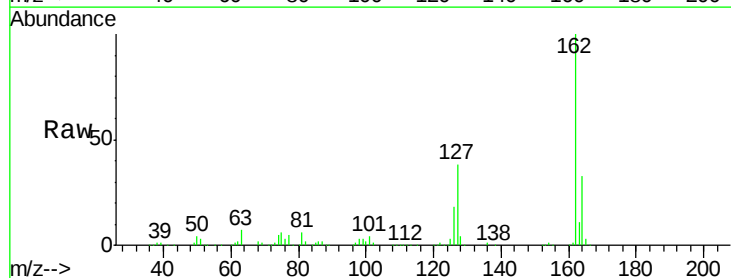


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

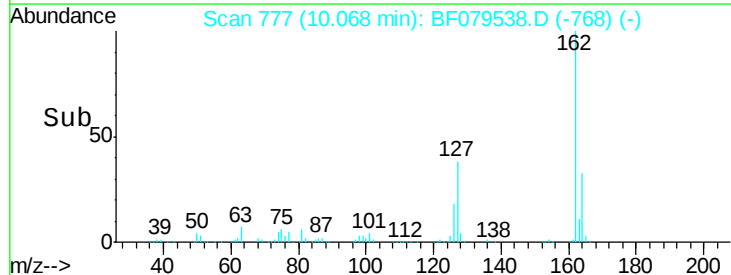
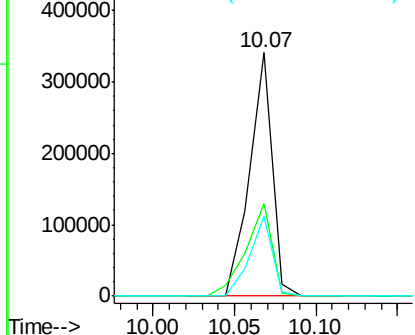


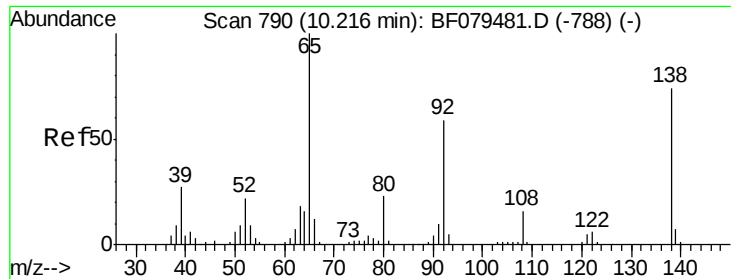
#46
 2-Chloronaphthalene
 Concen: 46.23 ng
 RT: 10.07 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:162 Resp: 328325
 Ion Ratio Lower Upper
 162 100
 127 37.9 32.7 49.1
 164 32.8 25.8 38.6



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

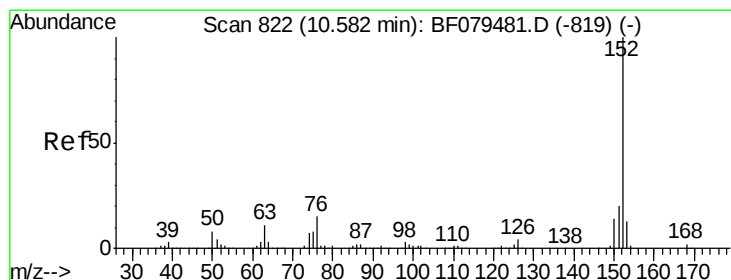
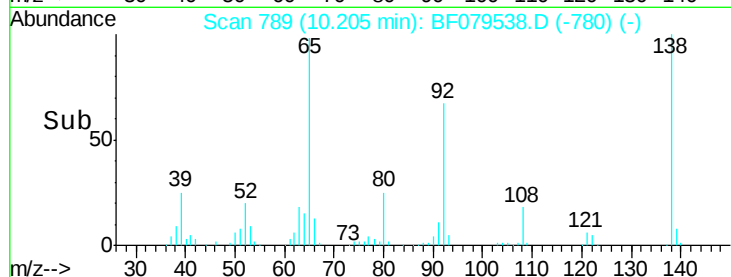
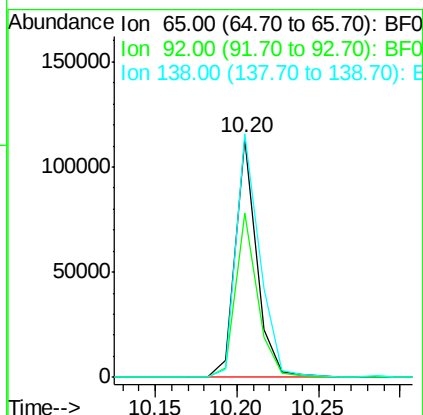
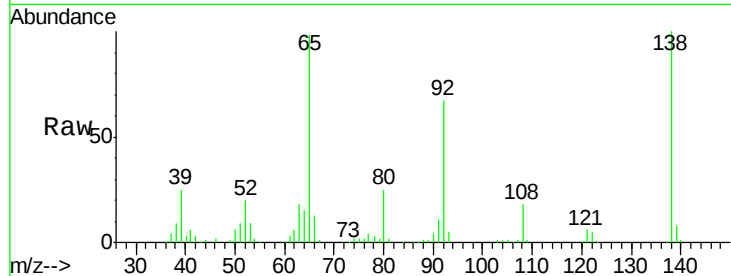




#47
2-Nitroaniline
Concen: 48.67 ng
RT: 10.20 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

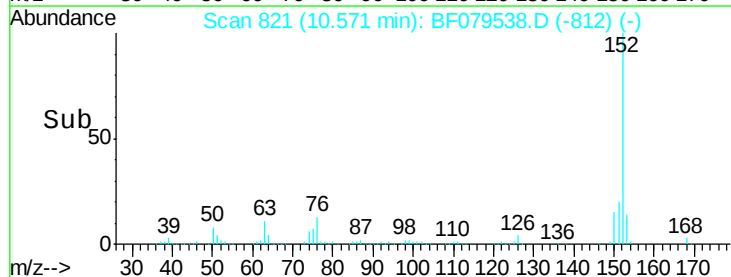
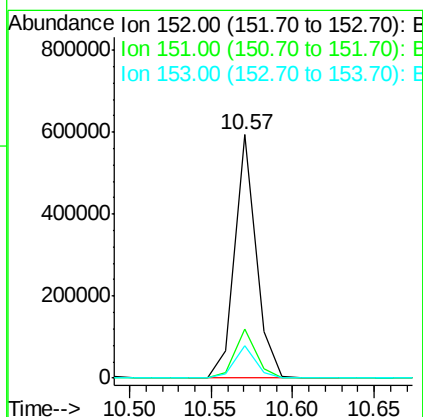
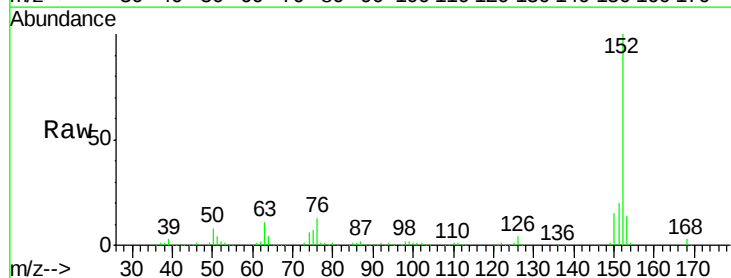
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

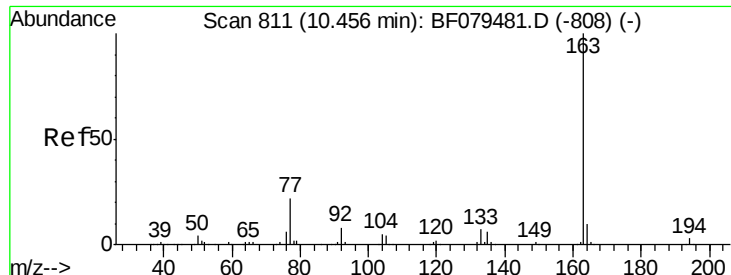
Tgt Ion: 65 Resp: 102793
Ion Ratio Lower Upper
65 100
92 68.6 47.2 70.8
138 102.0 59.2 88.8#



#48
Acenaphthylene
Concen: 45.30 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion: 152 Resp: 534037
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.6 10.7 16.1

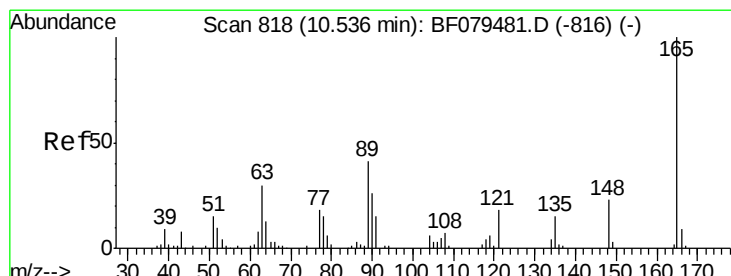
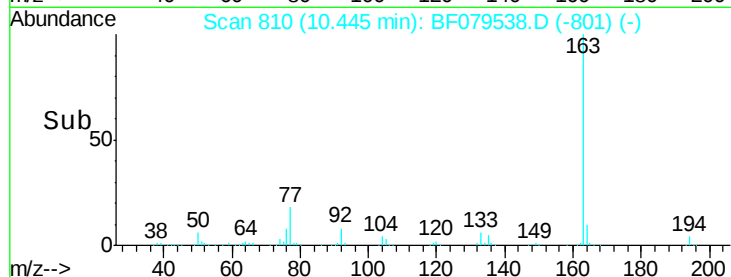
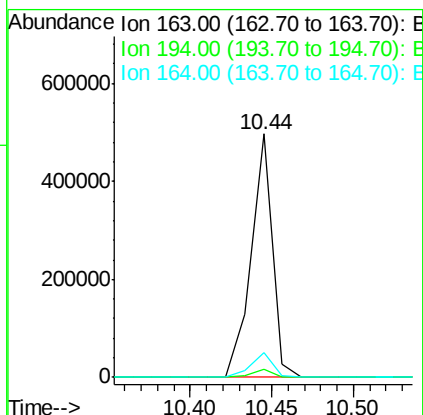
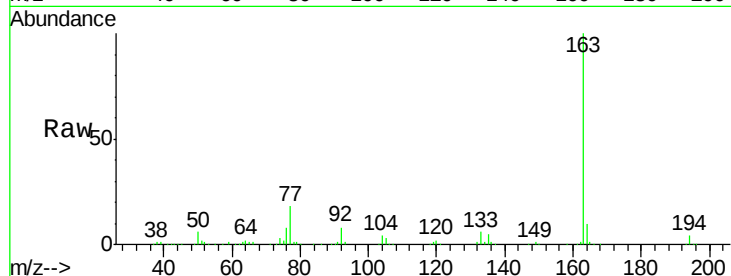




#49
Dimethylphthalate
Concen: 53.15 ng
RT: 10.44 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

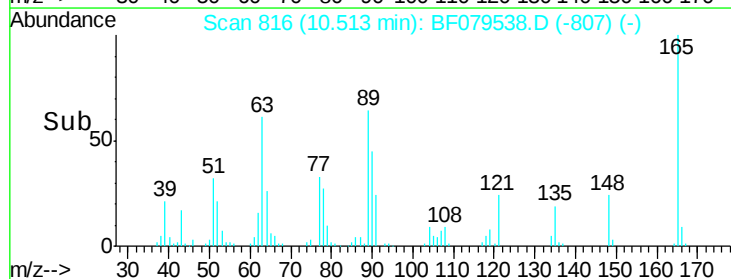
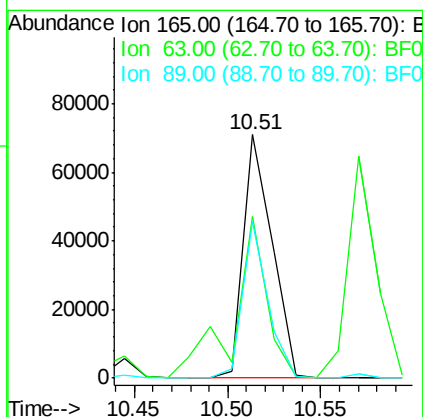
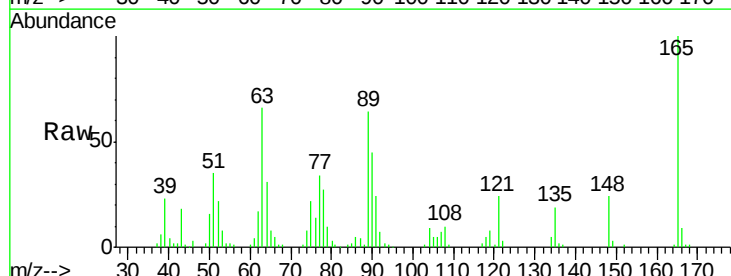
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

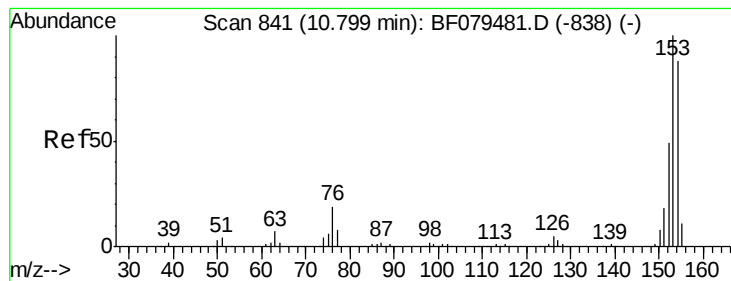
Tgt Ion:163 Resp: 450901
Ion Ratio Lower Upper
163 100
194 3.5 2.4 3.6
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 44.68 ng
RT: 10.51 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion:165 Resp: 75738
Ion Ratio Lower Upper
165 100
63 66.3 27.7 41.5#
89 64.3 33.7 50.5#





#51

Acenaphthene

Concen: 46.42 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

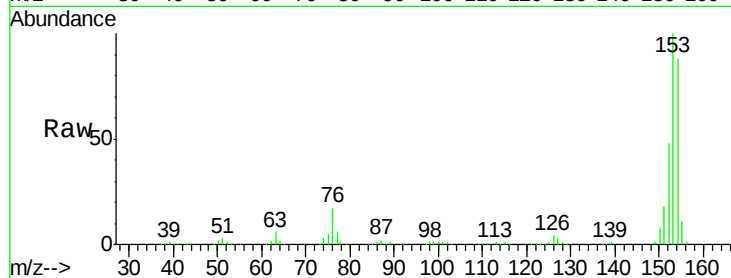
Tgt Ion:154 Resp: 312952

Ion Ratio Lower Upper

154 100

153 113.6 91.1 136.7

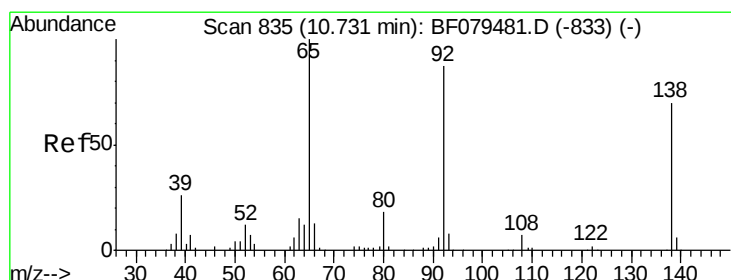
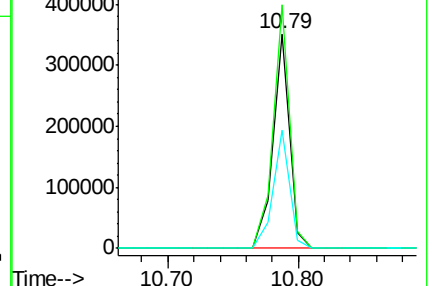
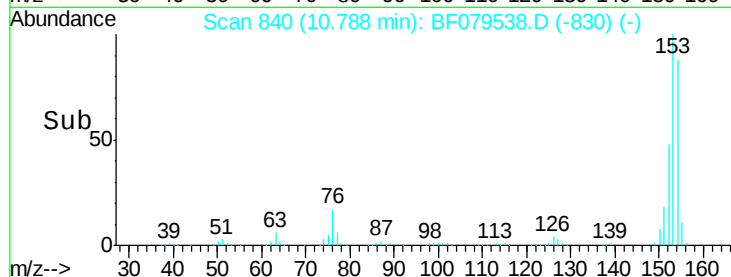
152 54.9 44.6 66.8



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: 43.78 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

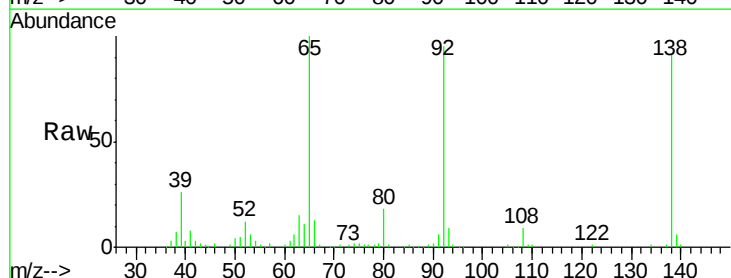
Tgt Ion:138 Resp: 96514

Ion Ratio Lower Upper

138 100

108 9.4 8.0 12.0

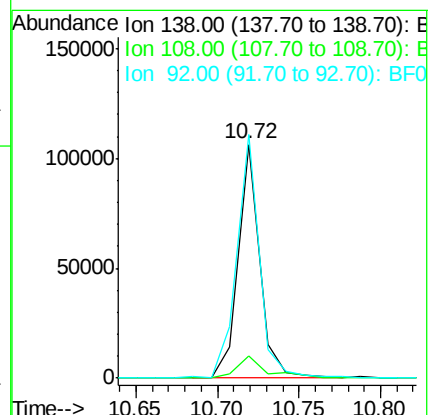
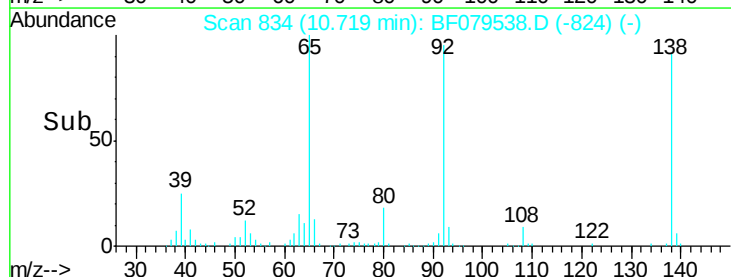
92 104.1 99.9 149.9

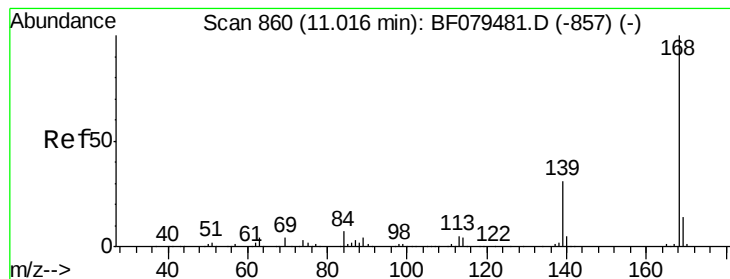


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 47.88 ng

RT: 11.00 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

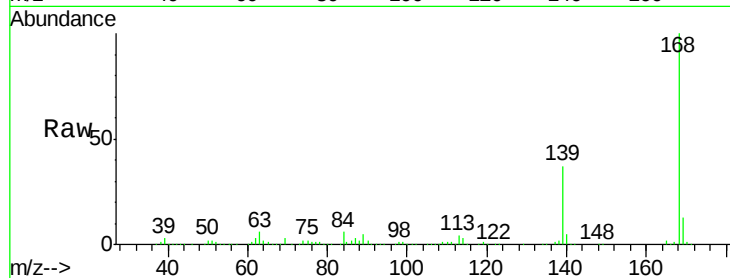
Tgt Ion:168 Resp: 476114

Ion Ratio Lower Upper

168 100

139 37.2 32.9 49.3

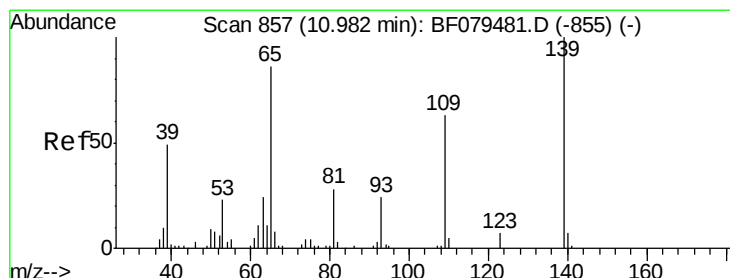
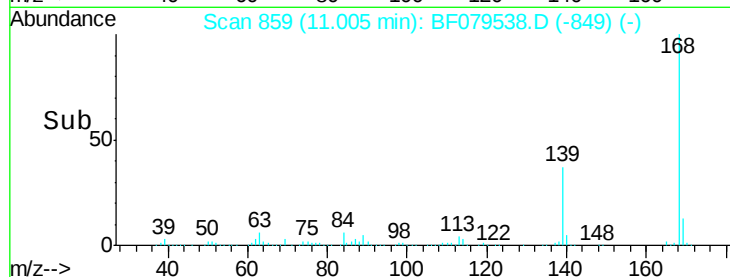
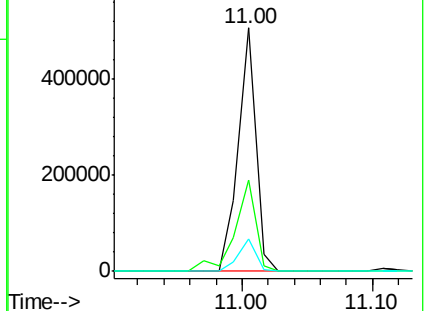
169 13.4 11.1 16.7



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: 173.13 ng

RT: 11.00 min Scan# 859

Delta R.T. 0.03 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

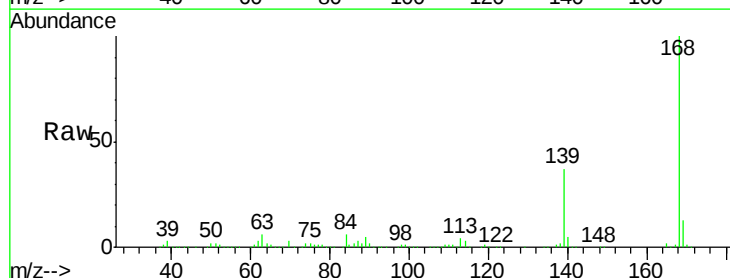
Tgt Ion:139 Resp: 211664

Ion Ratio Lower Upper

139 100

109 1.4 42.8 82.8#

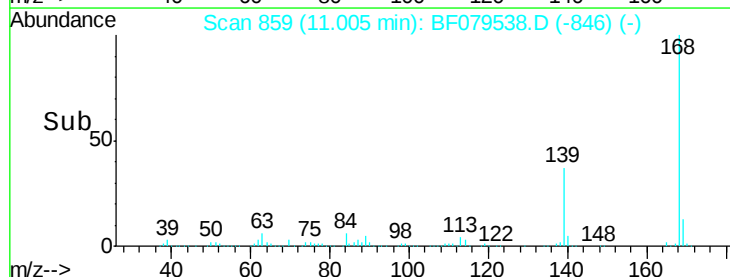
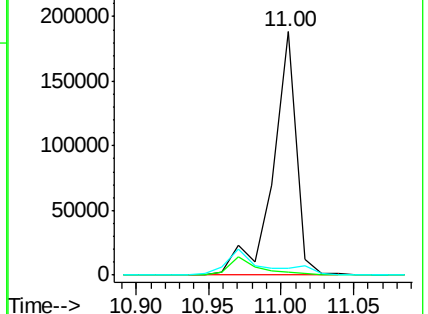
65 3.0 66.3 106.3#

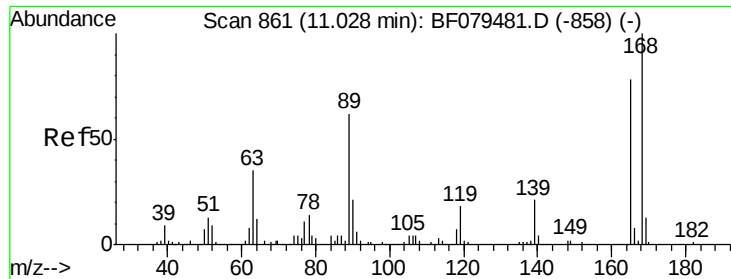


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 45.42 ng

RT: 11.02 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

Tgt Ion:165 Resp: 103255

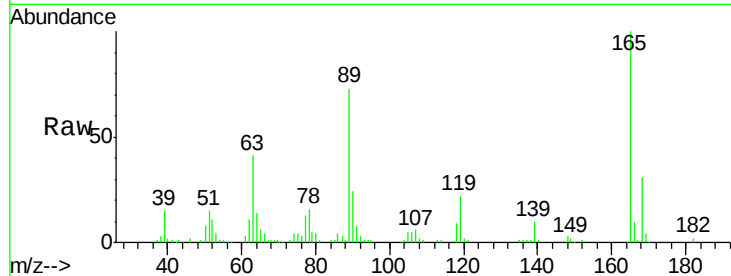
Ion Ratio Lower Upper

165 100

63 41.2 39.5 59.3

89 73.1 64.2 96.4

182 1.9 1.5 2.3

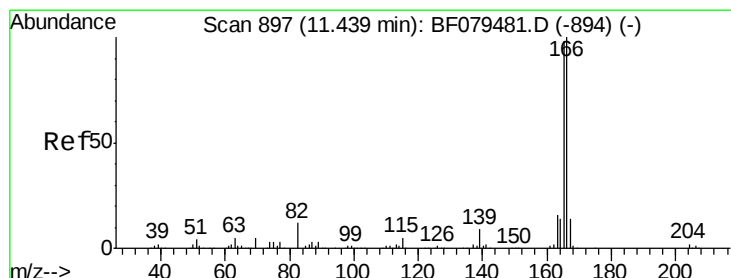
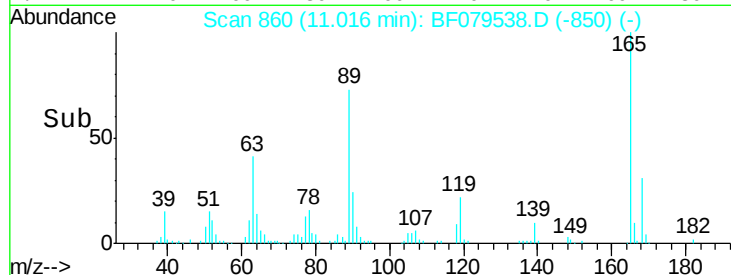
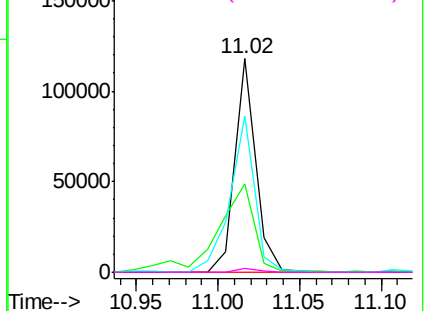


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 46.10 ng

RT: 11.43 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

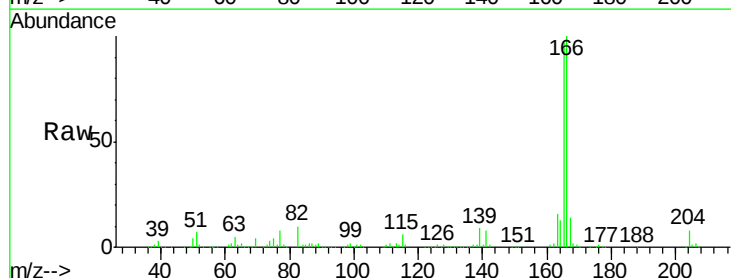
Tgt Ion:166 Resp: 377781

Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

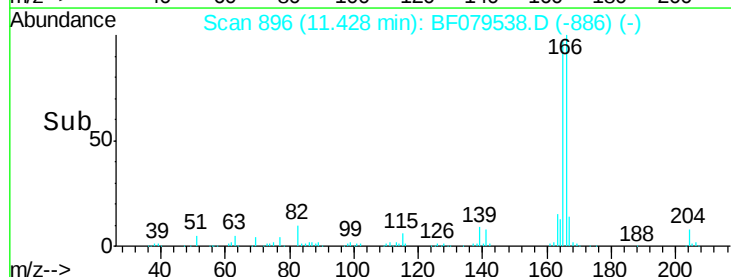
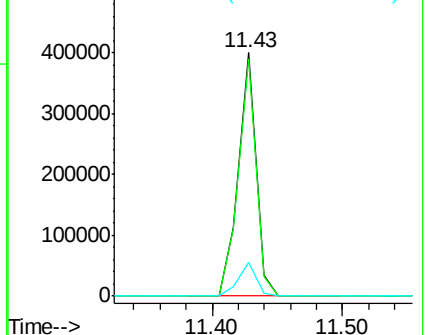
167 13.6 10.8 16.2

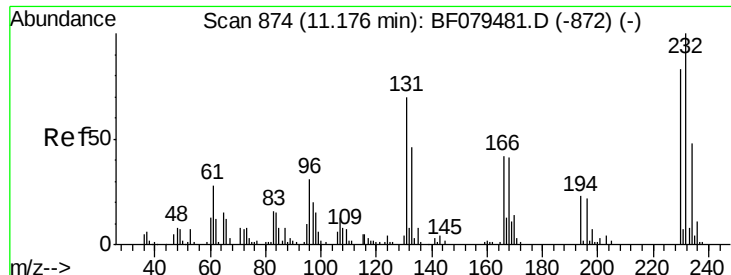


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

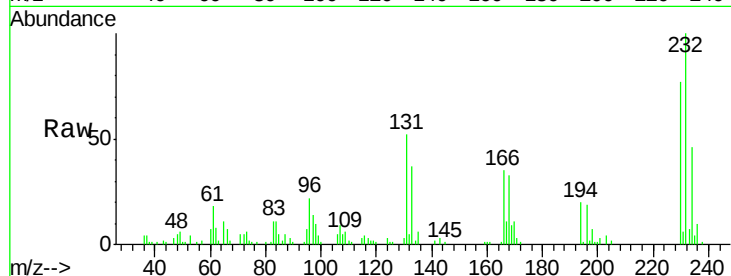




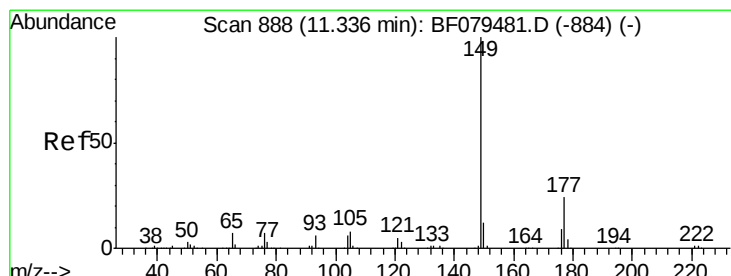
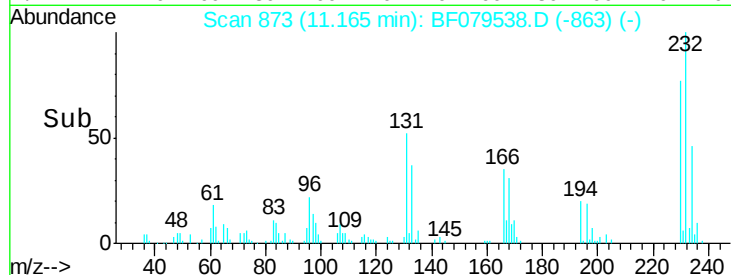
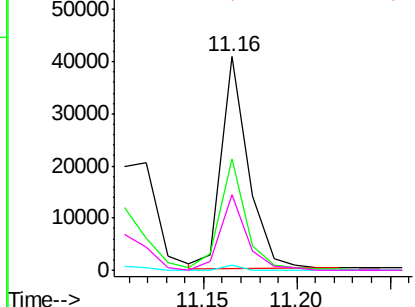
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.34 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion: 232 Resp: 41283
 Ion Ratio Lower Upper
 232 100
 131 52.1 0.0 0.0#
 130 1.8 0.0 0.0#
 166 34.9 0.0 0.0#

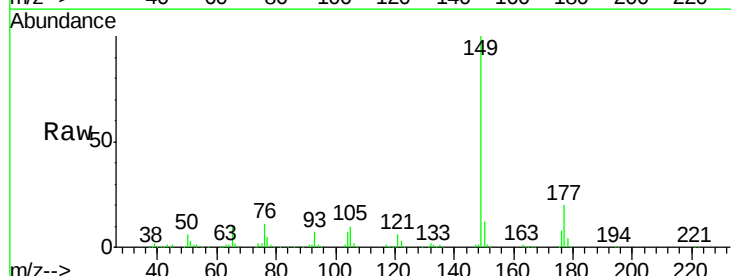


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

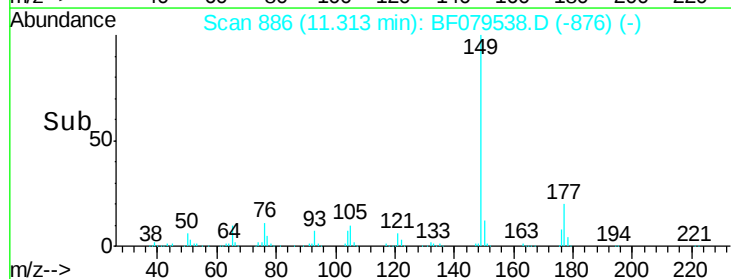
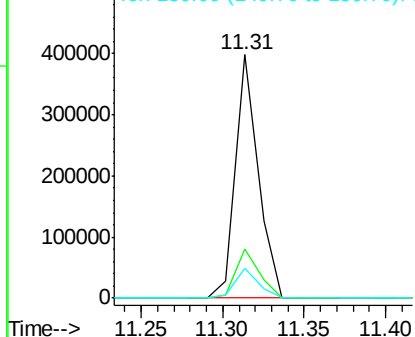


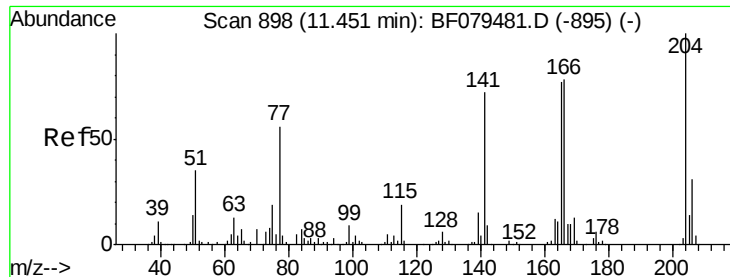
#59
 Diethylphthalate
 Concen: 45.84 ng
 RT: 11.31 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion: 149 Resp: 380678
 Ion Ratio Lower Upper
 149 100
 177 20.0 18.9 28.3
 150 12.3 9.8 14.6



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

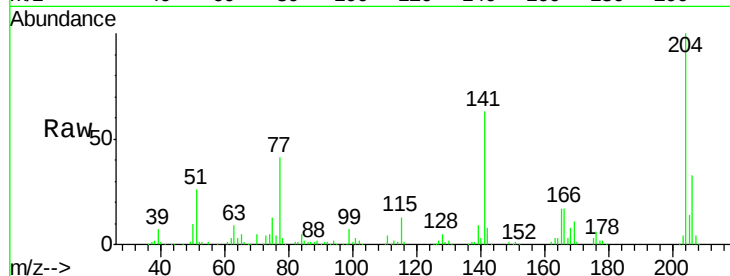




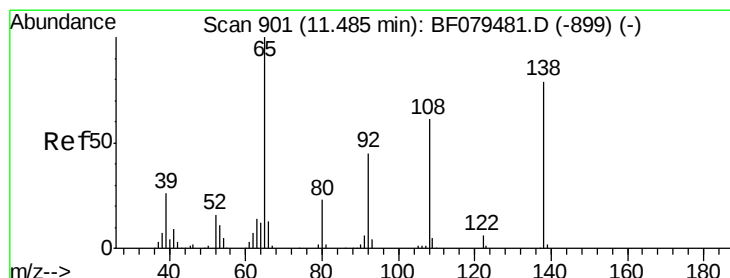
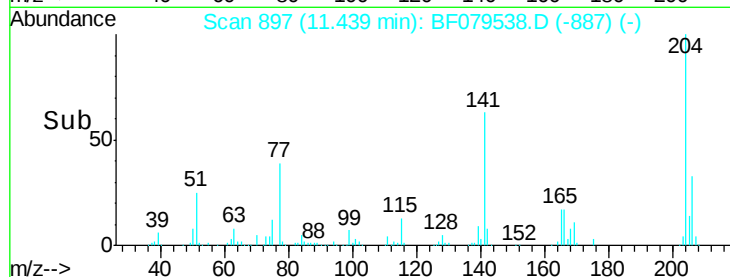
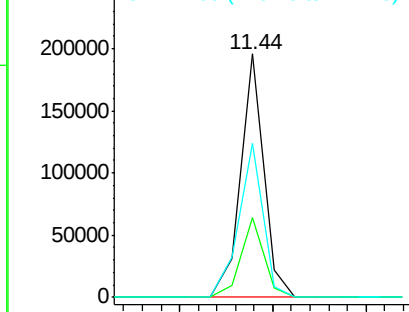
#60
 4-Chlorophenyl-phenylether
 Concen: 48.32 ng
 RT: 11.44 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:204 Resp: 171109
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.0 37.4
 141 63.5 57.4 86.2

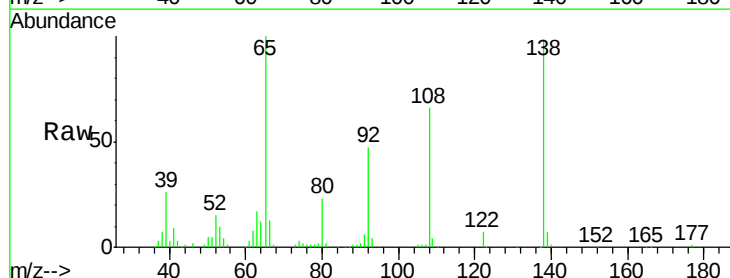


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

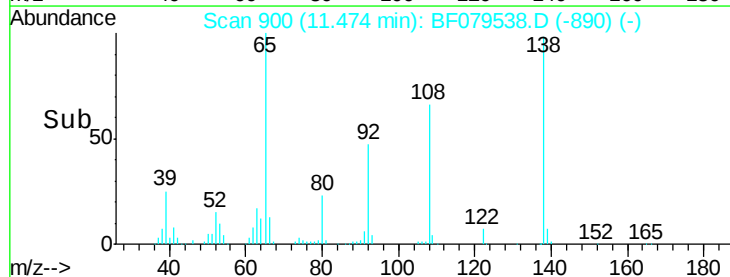
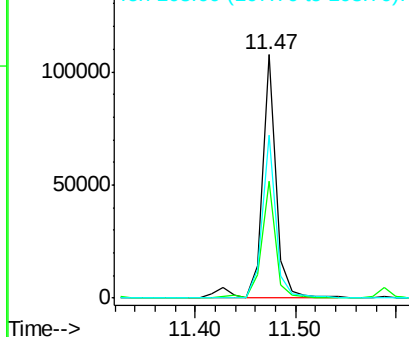


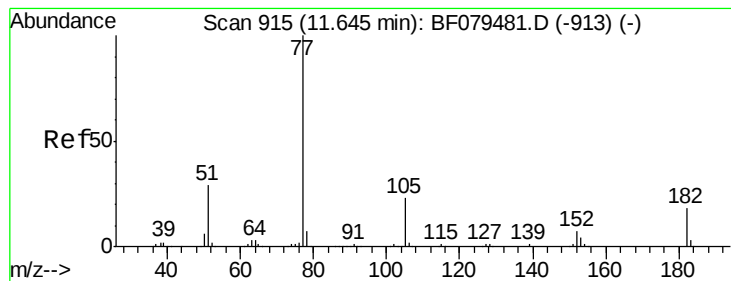
#61
 4-Nitroaniline
 Concen: 51.07 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:138 Resp: 104902
 Ion Ratio Lower Upper
 138 100
 92 47.9 37.2 77.2
 108 67.0 57.0 97.0



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





#62

Azobenzene

Concen: 46.24 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

Tgt Ion: 77 Resp: 373488

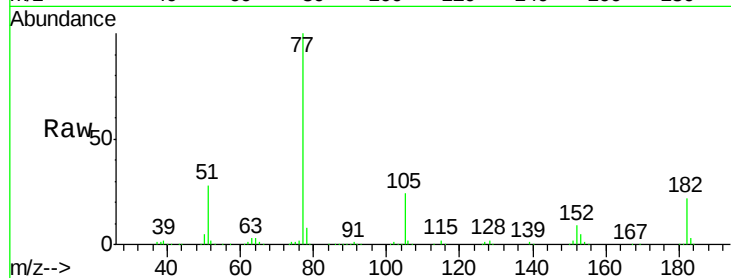
Ion Ratio Lower Upper

77 100

182 22.1 0.0 37.7

105 24.5 2.7 42.7

51 28.2 8.9 48.9

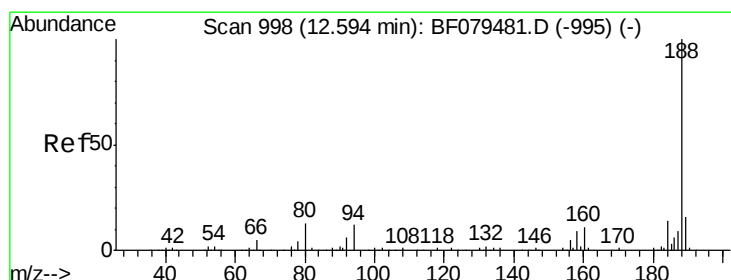
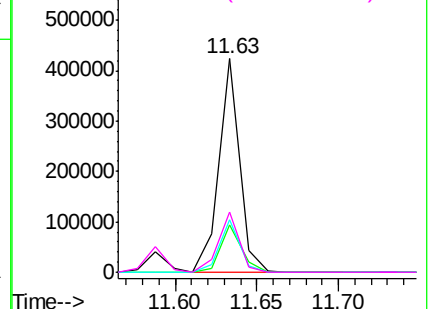
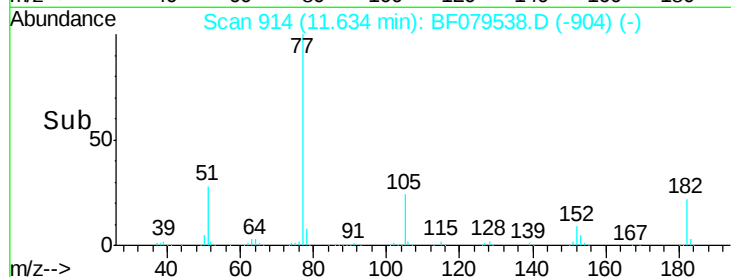


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.58 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

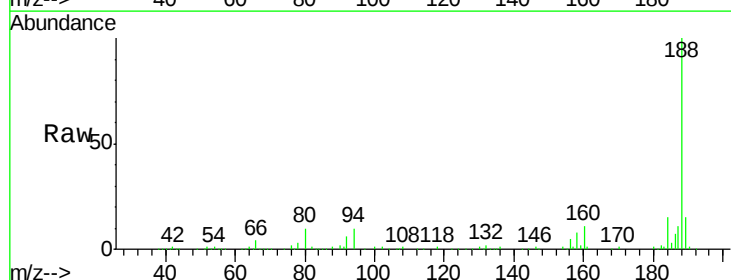
Tgt Ion: 188 Resp: 221482

Ion Ratio Lower Upper

188 100

94 9.9 9.8 14.6

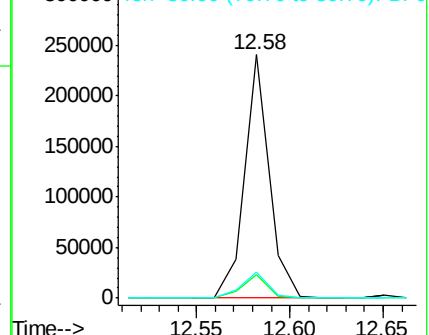
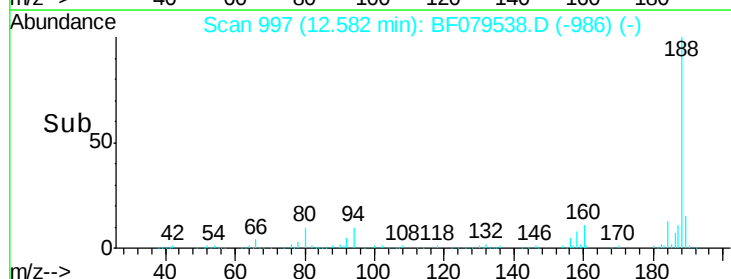
80 10.5 10.5 15.7

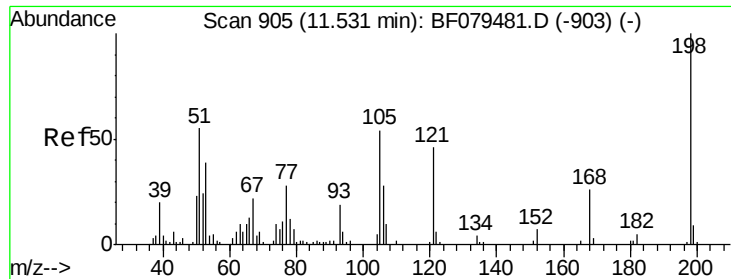


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

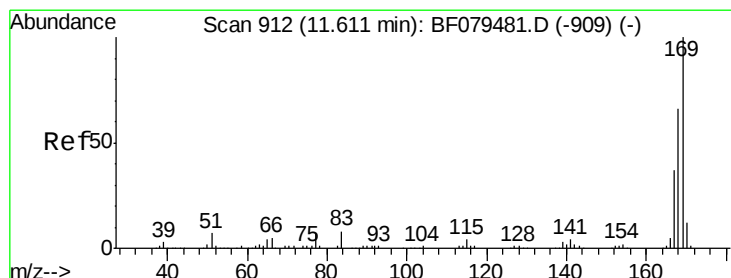
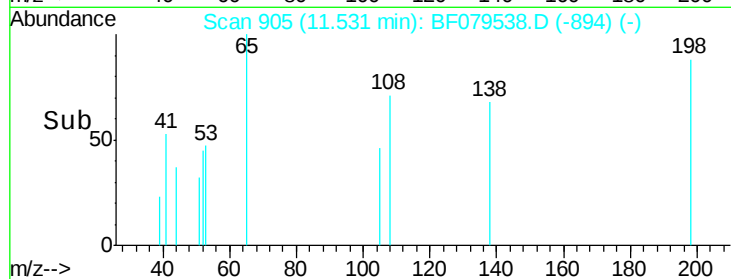
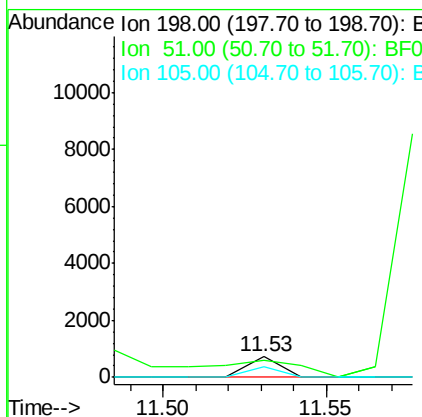
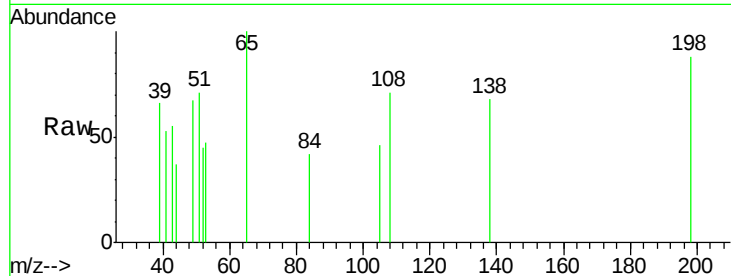




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.38 ng
 RT: 11.53 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

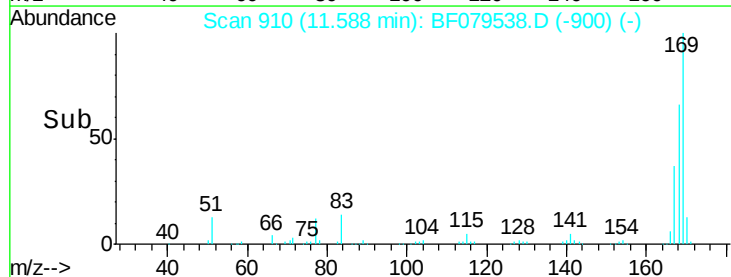
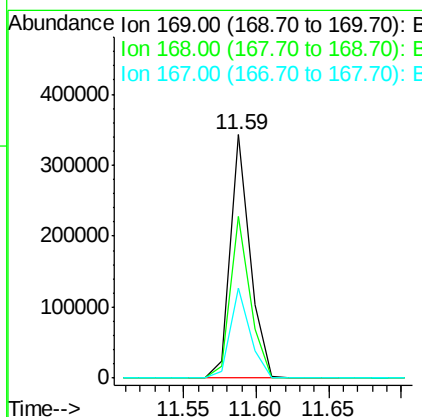
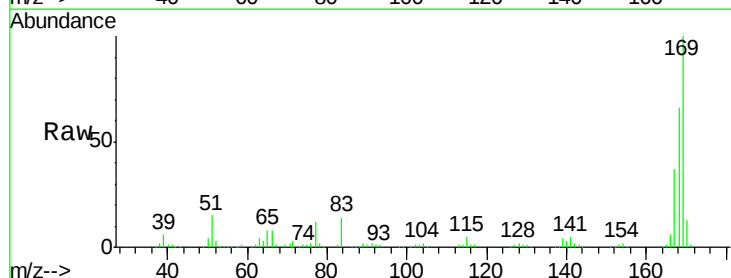
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

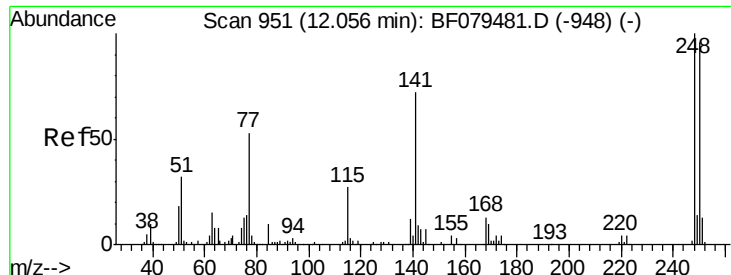
Tgt Ion:198 Resp: 500
 Ion Ratio Lower Upper
 198 100
 51 80.4 36.0 76.0#
 105 52.9 34.1 74.1



#65
 n-Nitrosodiphenylamine
 Concen: 44.12 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:169 Resp: 324553
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.1 79.7
 167 36.8 29.9 44.9

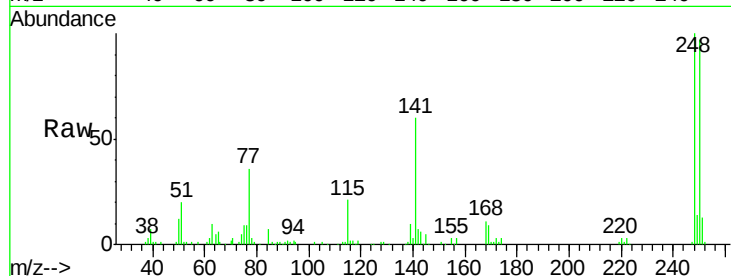




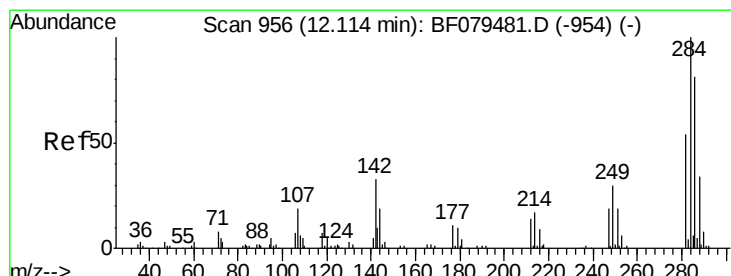
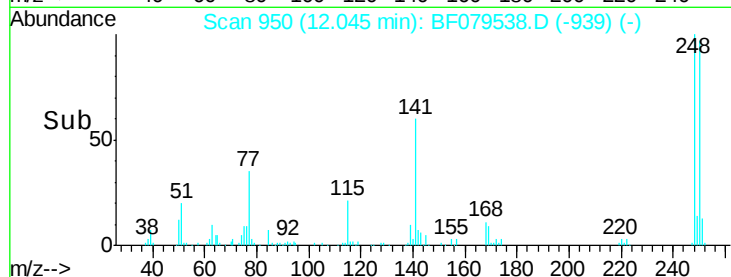
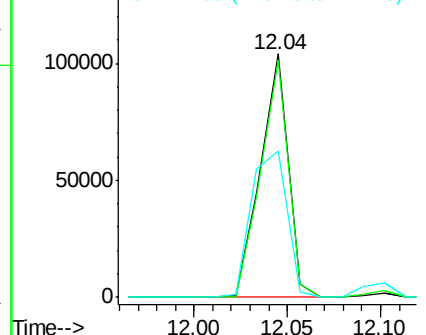
#66
 4-Bromophenyl-phenylether
 Concen: 46.59 ng
 RT: 12.04 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:248 Resp: 106251
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.8 115.2
 141 60.1 57.7 86.5

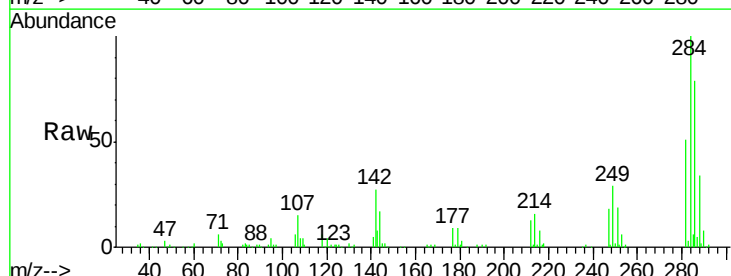


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

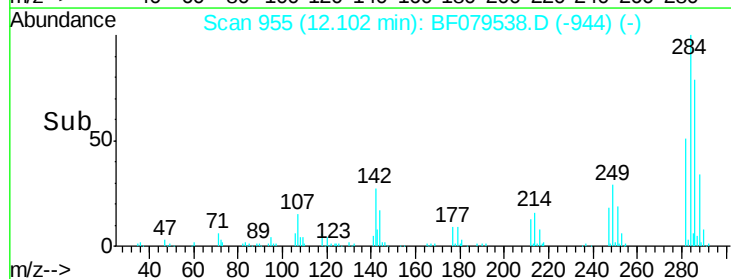
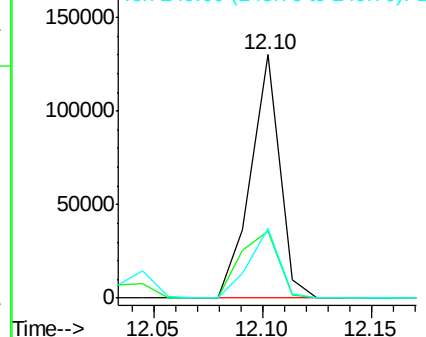


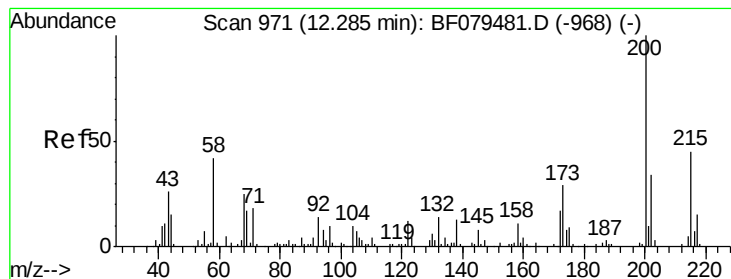
#67
 Hexachlorobenzene
 Concen: 46.58 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:284 Resp: 121115
 Ion Ratio Lower Upper
 284 100
 142 27.5 26.2 39.2
 249 28.8 24.3 36.5



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: 55.24 ng

RT: 12.27 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

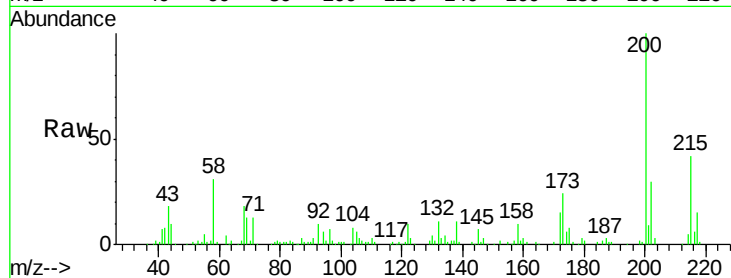
Tgt Ion:200 Resp: 109784

Ion Ratio Lower Upper

200 100

173 24.4 9.4 49.4

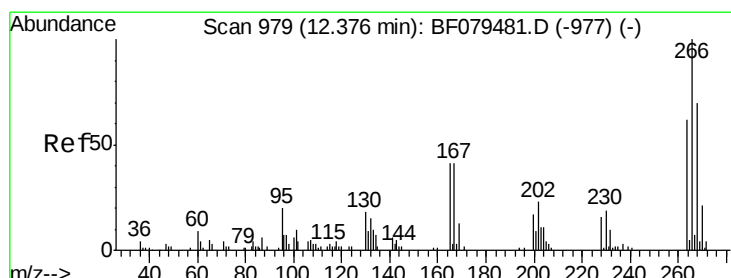
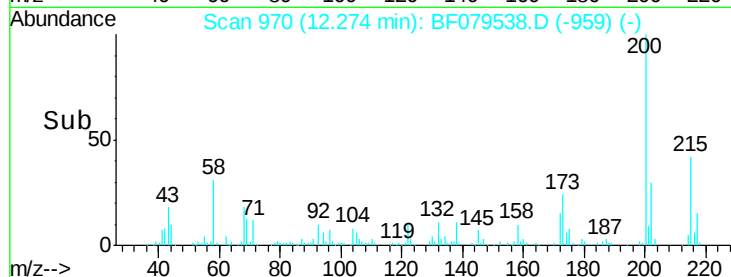
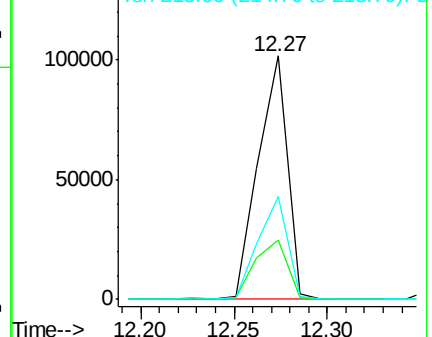
215 42.4 25.3 65.3



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: 34.56 ng

RT: 12.37 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

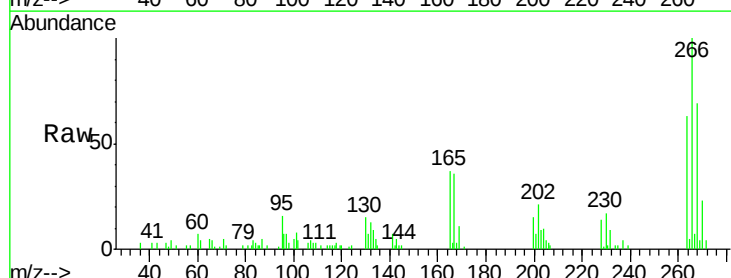
Tgt Ion:266 Resp: 34429

Ion Ratio Lower Upper

266 100

268 69.2 56.1 84.1

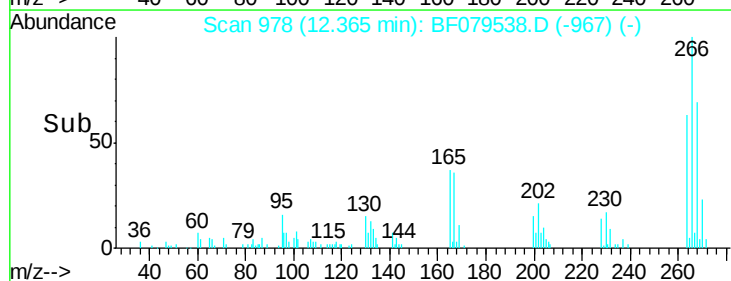
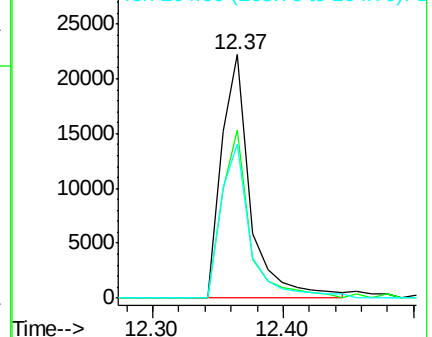
264 63.5 50.0 75.0

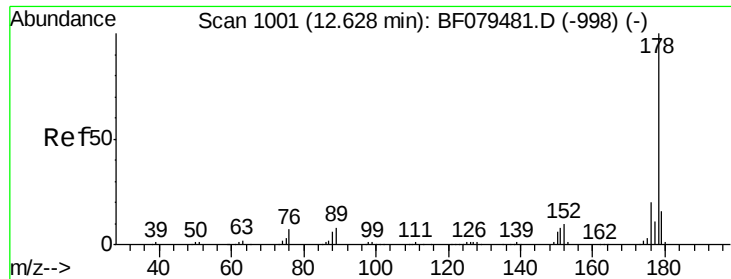


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

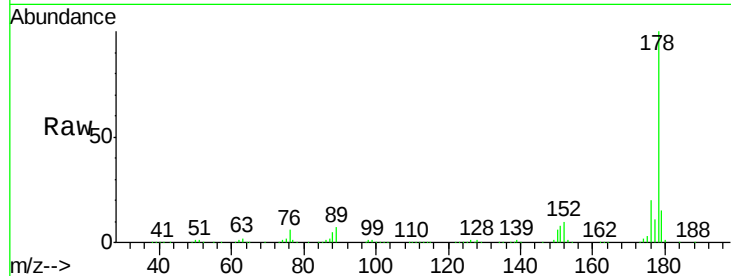




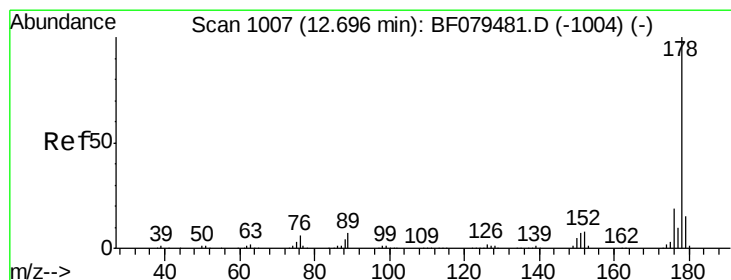
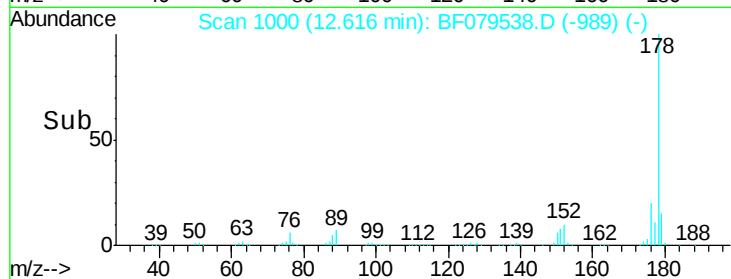
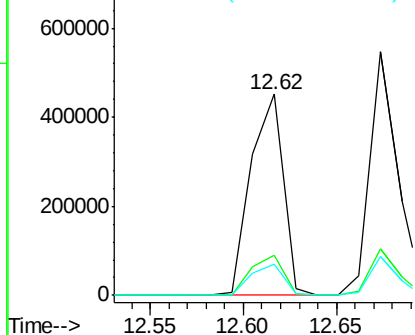
#70
 Phenanthrene
 Concen: 44.87 ng
 RT: 12.62 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

Tgt Ion:178 Resp: 545241
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.3 12.4 18.6

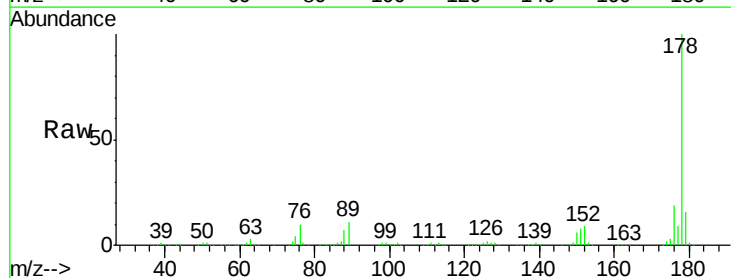


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

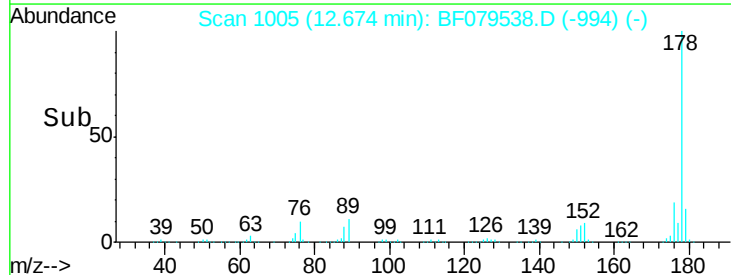
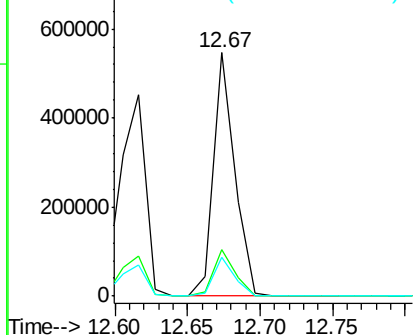


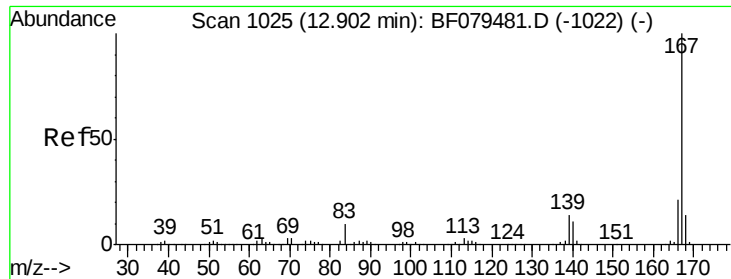
#71
 Anthracene
 Concen: 44.88 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion:178 Resp: 553630
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 16.1 12.2 18.4



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





#72

Carbazole

Concen: 46.76 ng

RT: 12.89 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

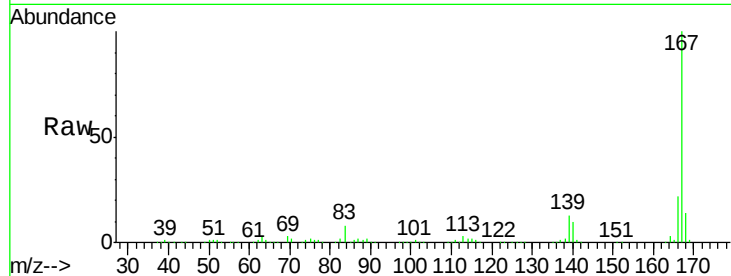
Tgt Ion:167 Resp: 555395

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.4

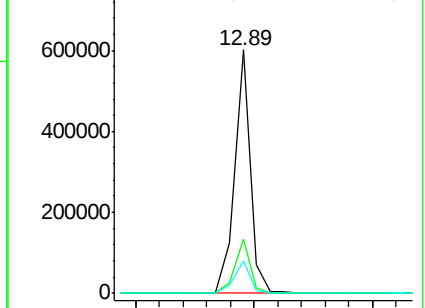
139 13.4 11.2 16.8



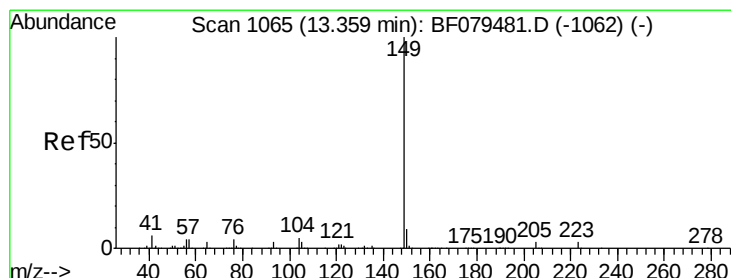
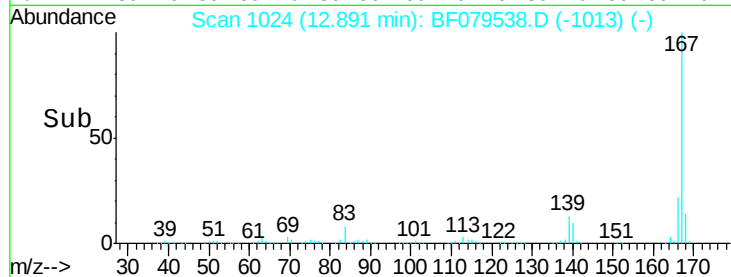
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 12.80 12.90 13.00



#73

Di-n-butylphthalate

Concen: 52.19 ng

RT: 13.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

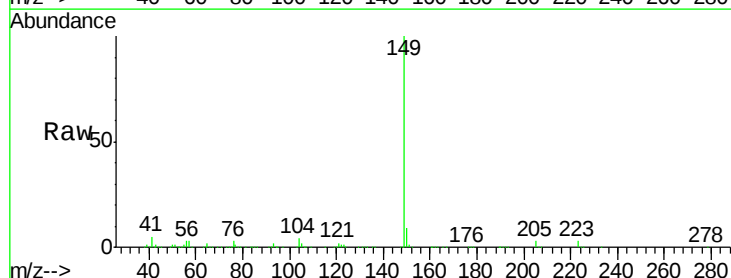
Tgt Ion:149 Resp: 688768

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

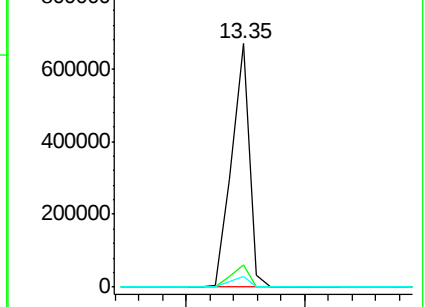
104 4.3 3.6 5.4



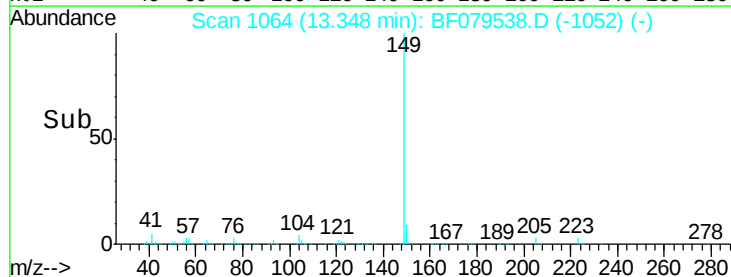
Abundance Ion 149.00 (148.70 to 149.70): E

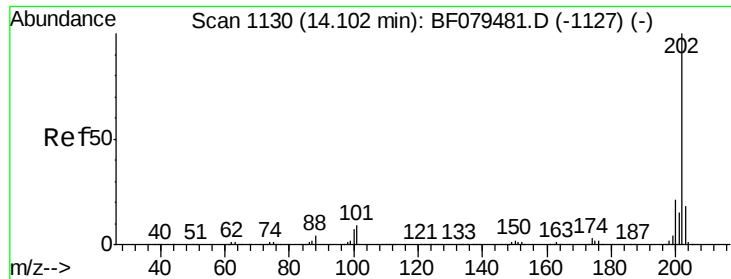
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 13.30 13.40

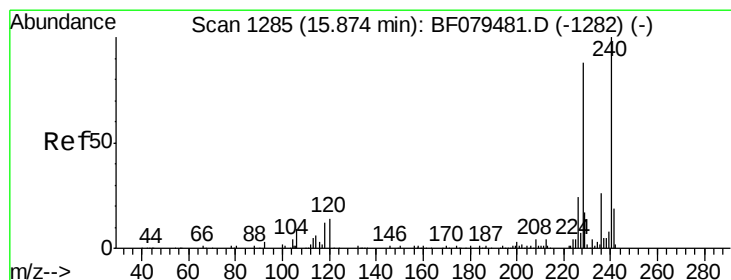
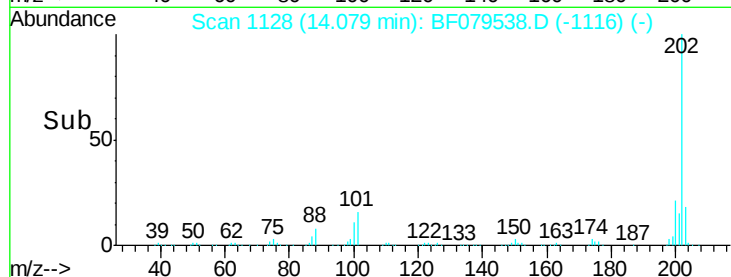
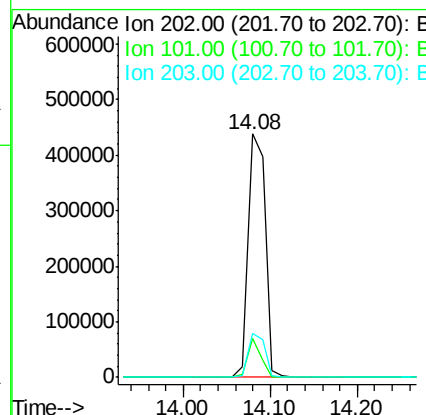
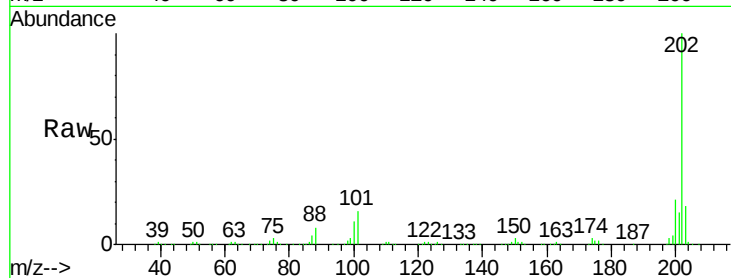




#74
 Fluoranthene
 Concen: 46.05 ng
 RT: 14.08 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

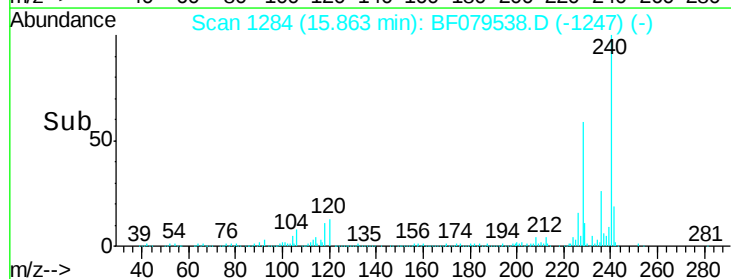
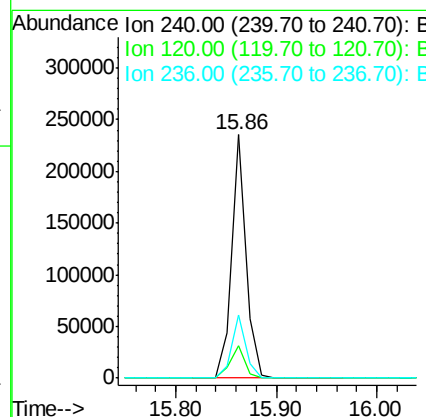
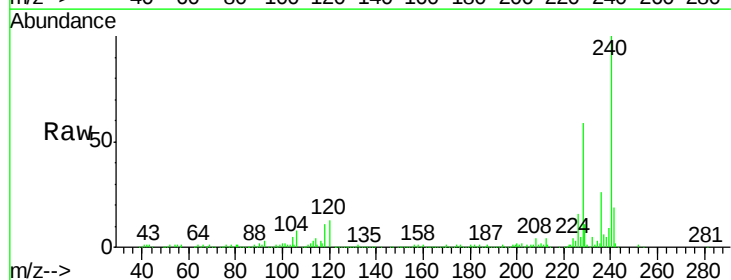
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

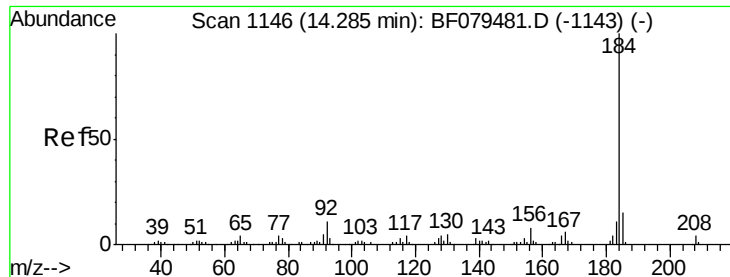
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	29.3
203	17.9	0.0	37.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1284
 Delta R.T. -0.08 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.8	16.2
236	26.0	21.0	31.6

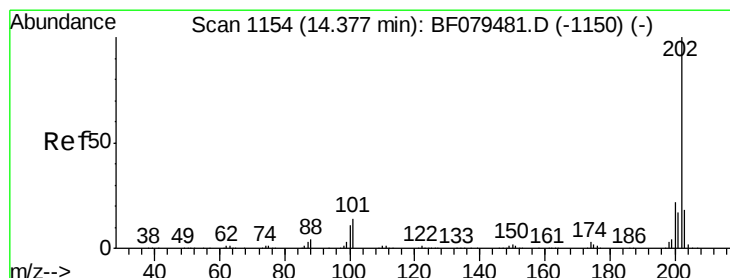
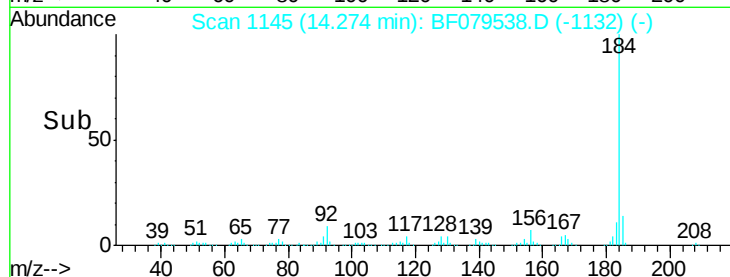
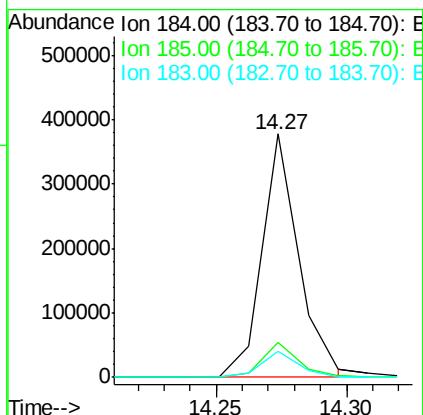
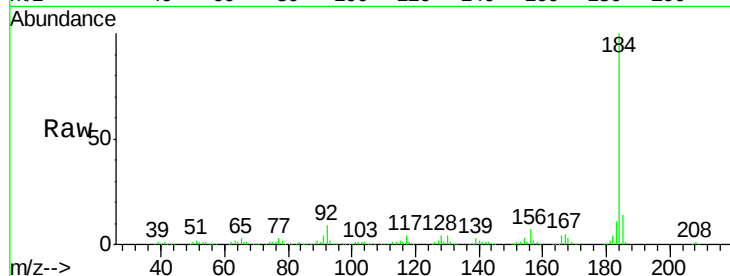




#76
Benzidine
Concen: 72.81 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

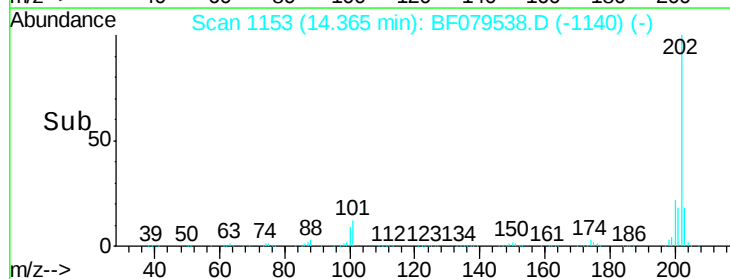
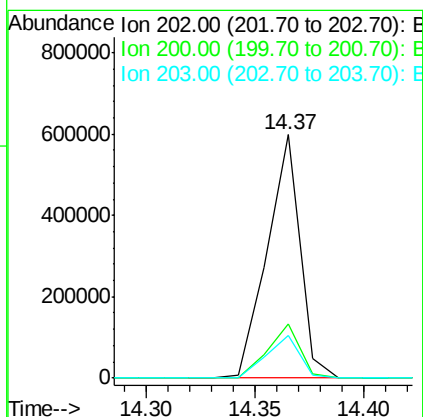
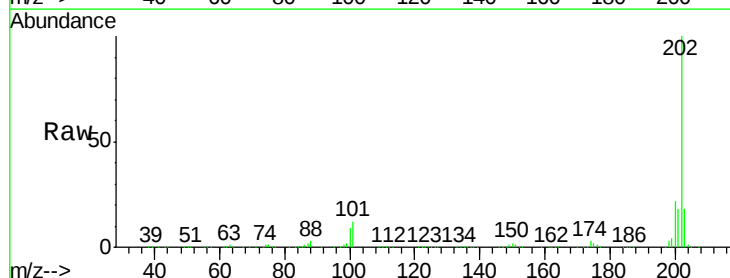
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

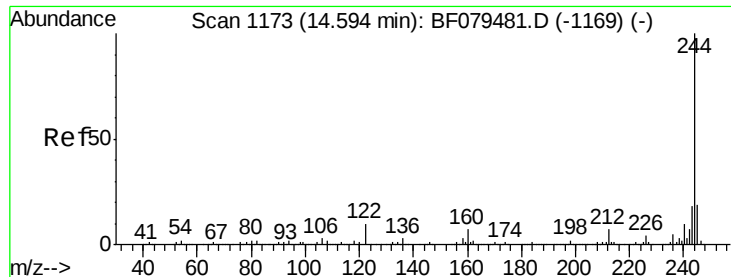
Tgt Ion:184 Resp: 365894
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 10.8 8.6 12.8



#77
Pyrene
Concen: 43.61 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion:202 Resp: 633964
Ion Ratio Lower Upper
202 100
200 22.4 17.5 26.3
203 17.7 14.4 21.6

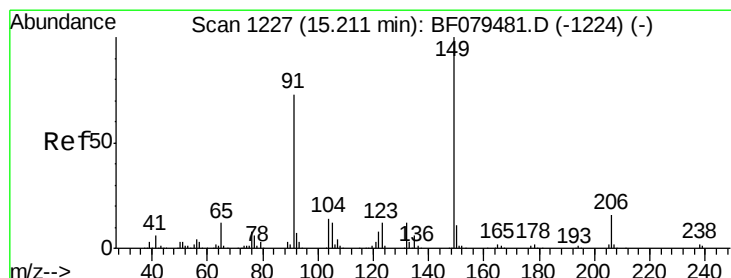
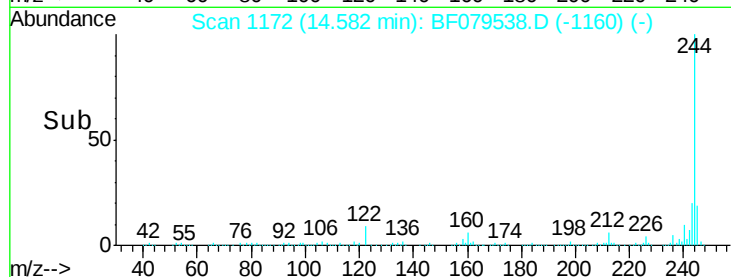
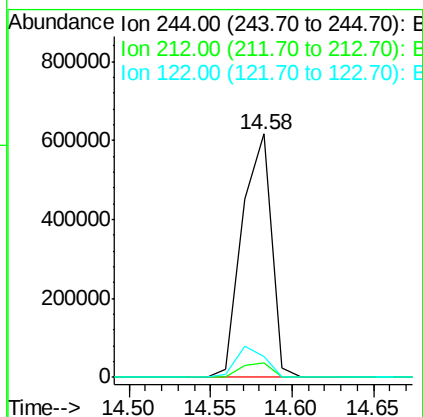
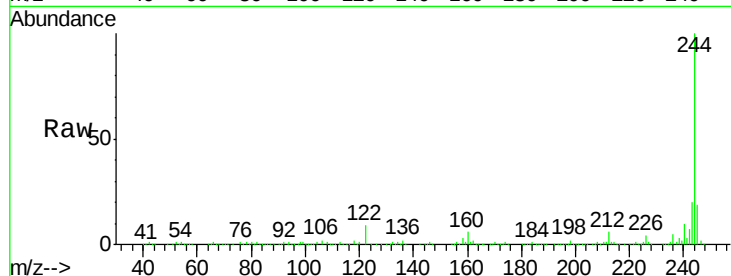




#78
 Terphenyl-d14
 Concen: 76.69 ng
 RT: 14.58 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

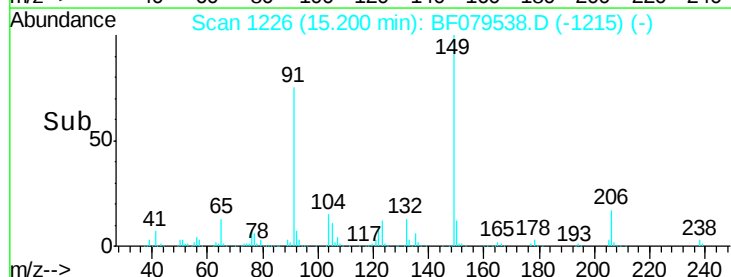
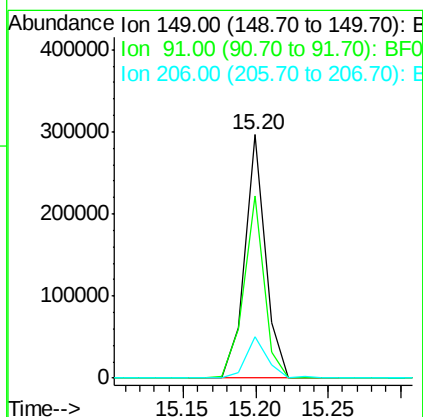
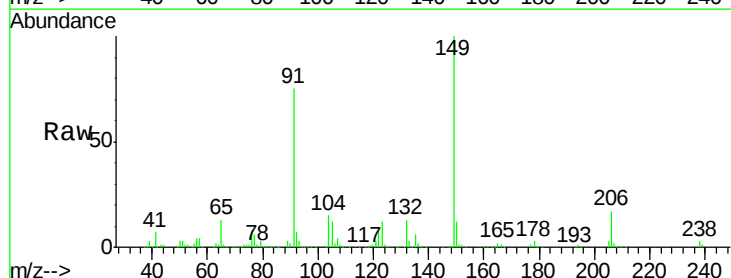
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10MSD

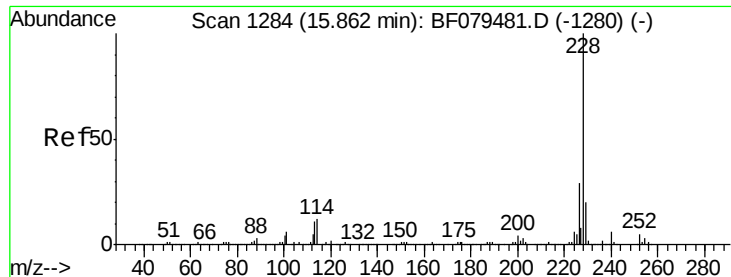
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.2	7.8
122	8.6	8.0	12.0



#79
 Butylbenzylphthalate
 Concen: 44.84 ng
 RT: 15.20 min Scan# 1226
 Delta R.T. -0.03 min
 Lab File: BF079538.D
 Acq: 28 May 2015 00:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	58.1	87.1
206	17.2	13.1	19.7





#80

Benzo(a)anthracene

Concen: 43.75 ng

RT: 15.85 min Scan# 1283

Delta R.T. -0.08 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

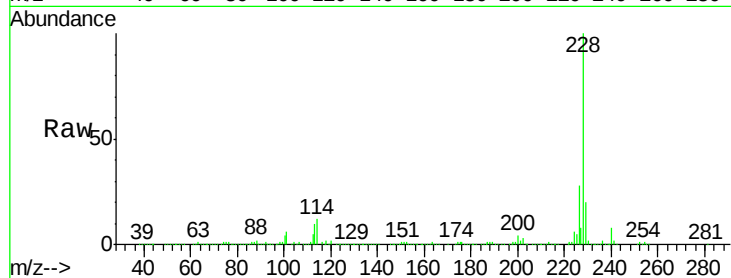
Tgt Ion:228 Resp: 590543

Ion Ratio Lower Upper

228 100

226 28.4 22.8 34.2

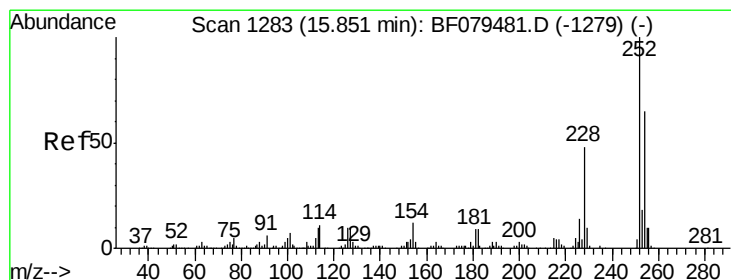
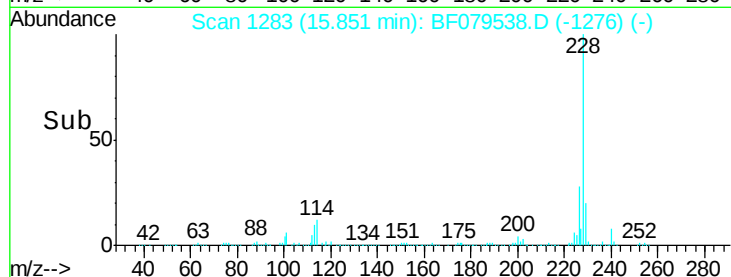
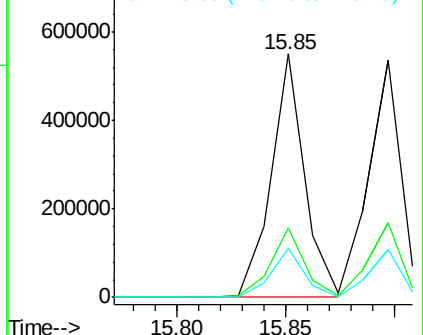
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 39.80 ng

RT: 15.84 min Scan# 1282

Delta R.T. -0.08 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

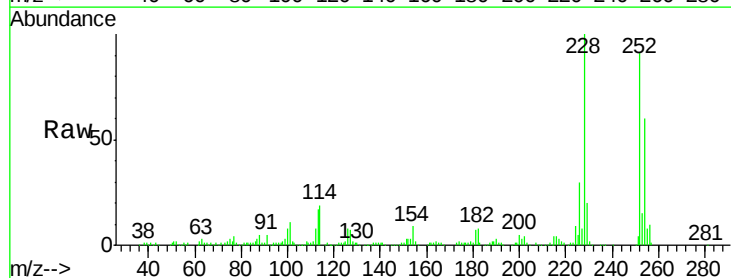
Tgt Ion:252 Resp: 196704

Ion Ratio Lower Upper

252 100

254 65.8 52.1 78.1

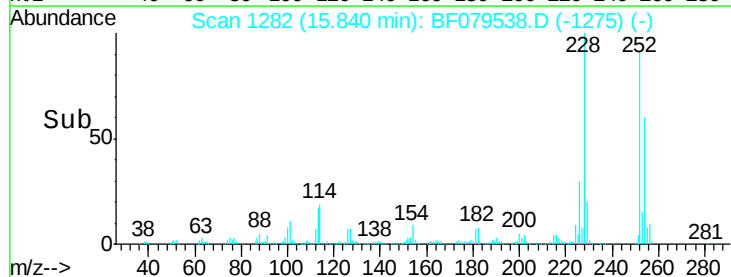
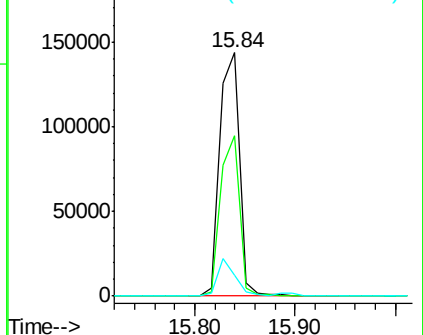
126 8.4 8.2 12.2

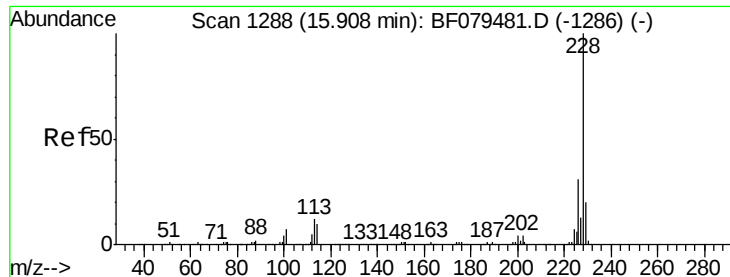


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.36 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.08 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

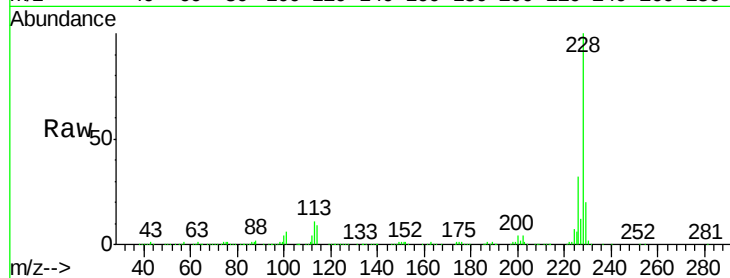
Tgt Ion:228 Resp: 556332

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.4

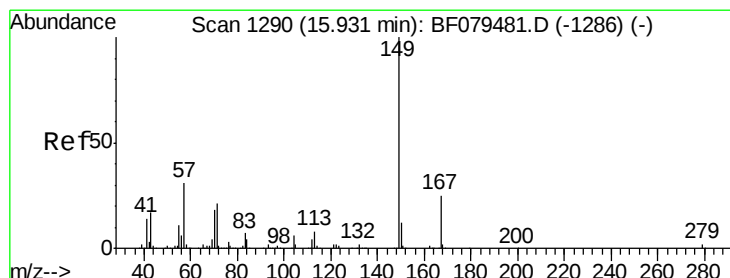
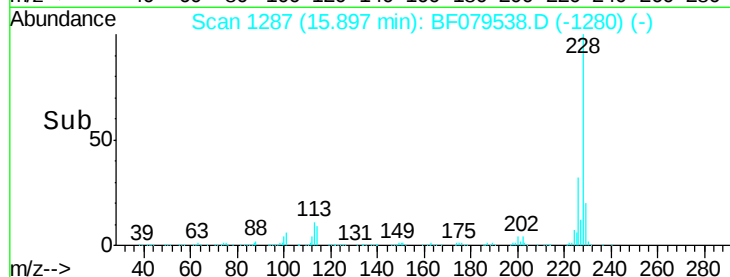
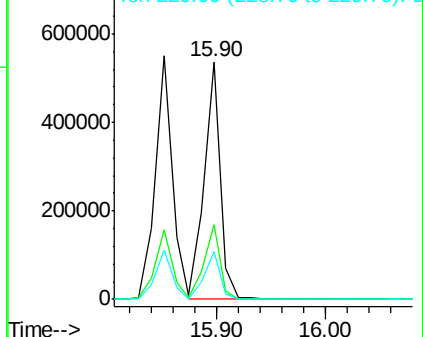
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.67 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

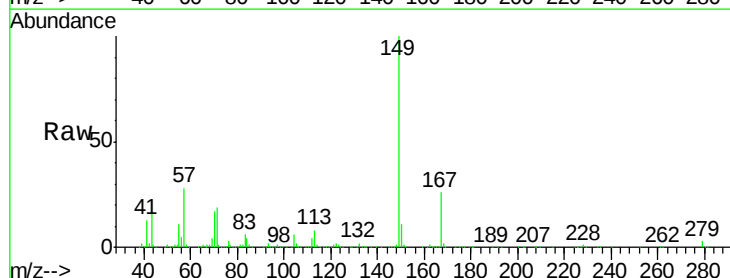
Tgt Ion:149 Resp: 465175

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

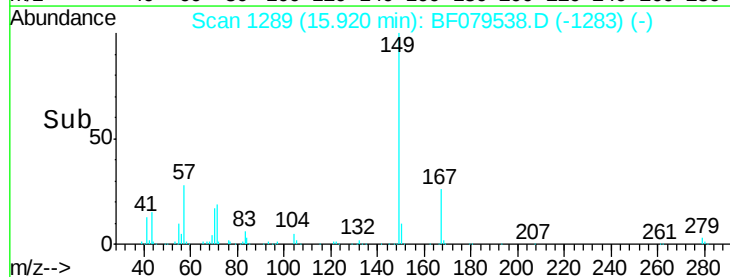
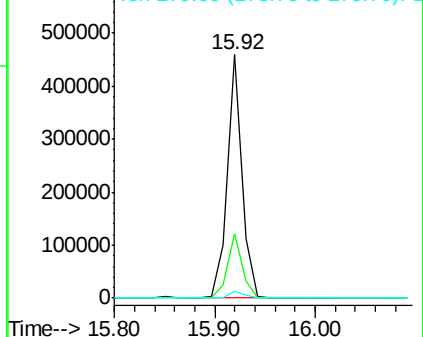
279 3.0 2.0 3.0

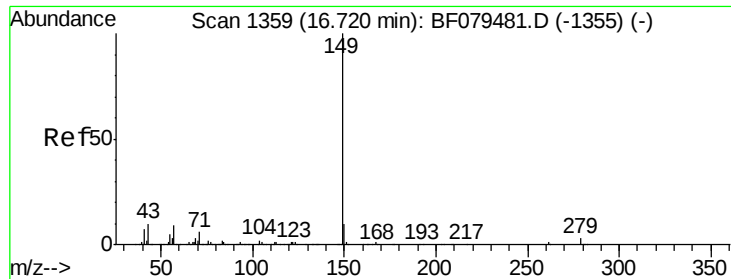


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

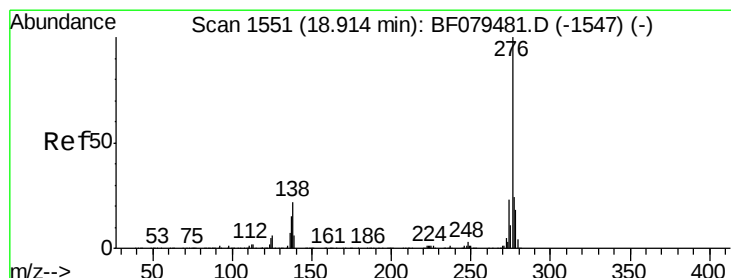
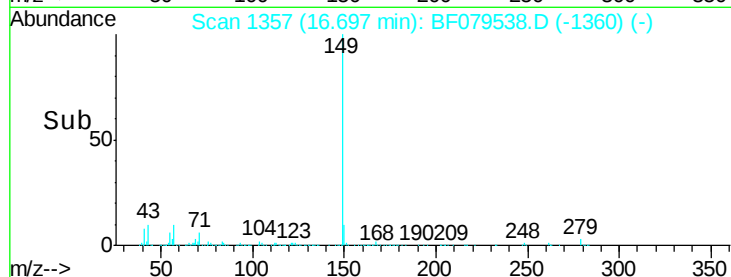
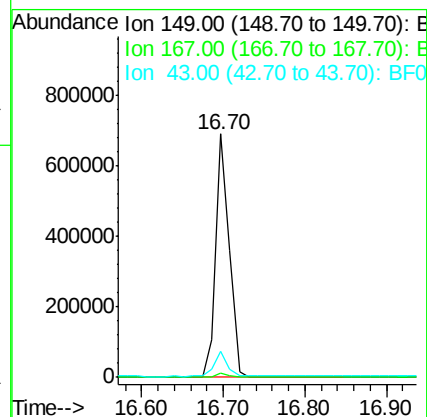
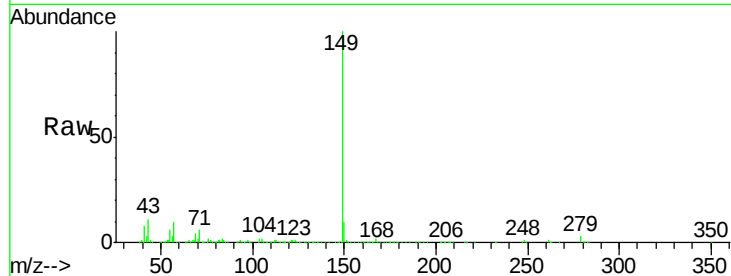




#84
Di-n-octyl phthalate
Concen: 49.32 ng
RT: 16.70 min Scan# 1357
Delta R.T. -0.21 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

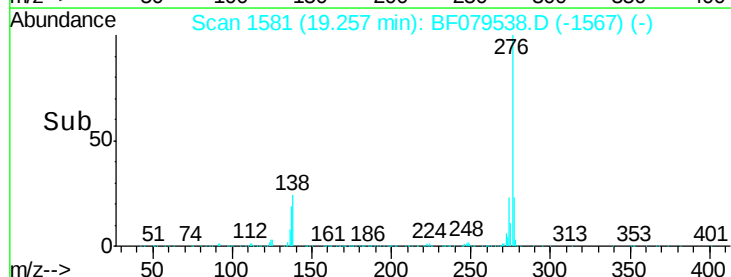
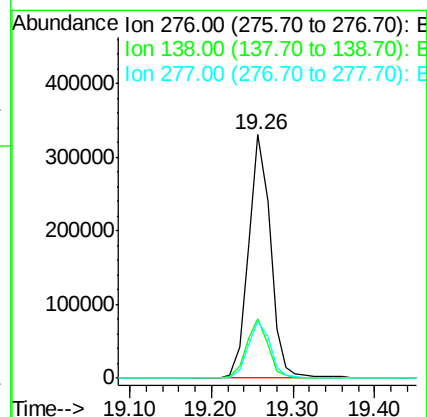
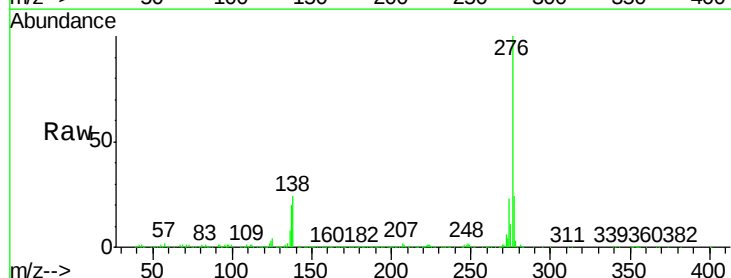
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

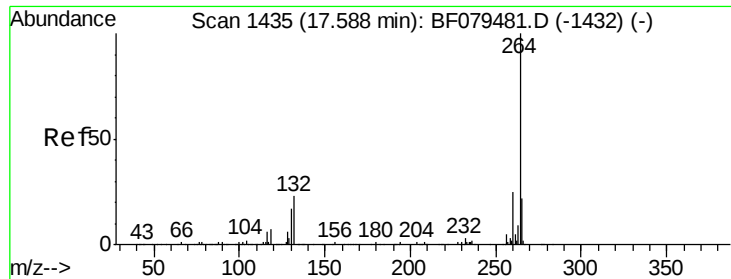
Tgt Ion:149 Resp: 803896
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.8 7.8 11.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.14 ng
RT: 19.26 min Scan# 1581
Delta R.T. -0.05 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion:276 Resp: 612914
Ion Ratio Lower Upper
276 100
138 23.9 21.4 32.2
277 23.6 19.8 29.6

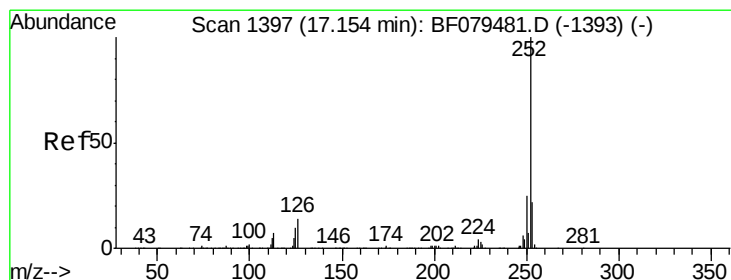
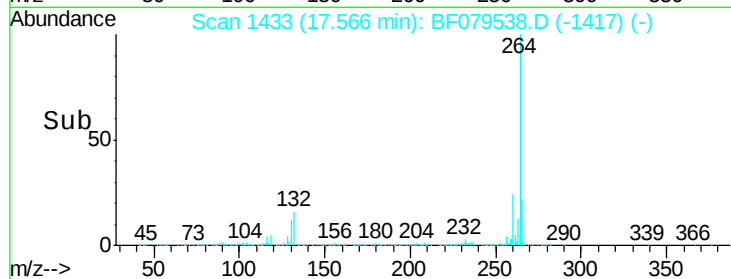
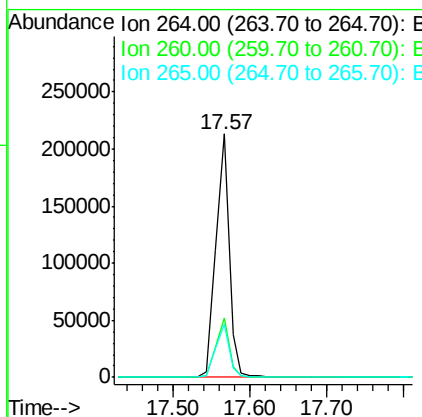
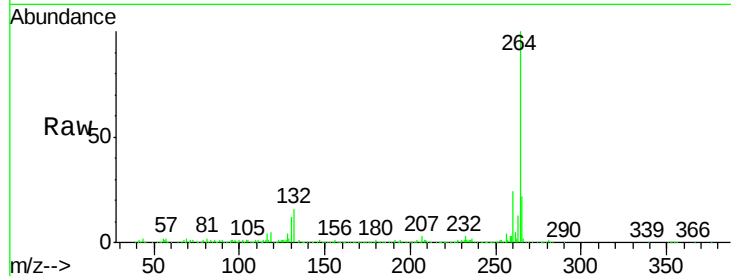




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.32 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

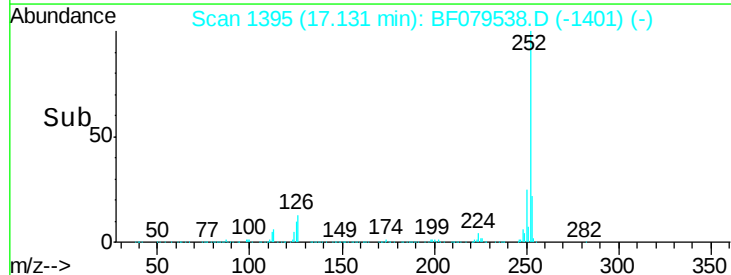
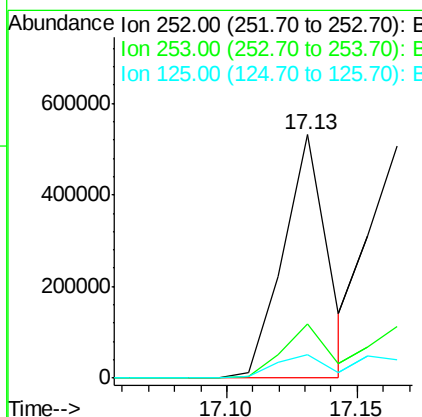
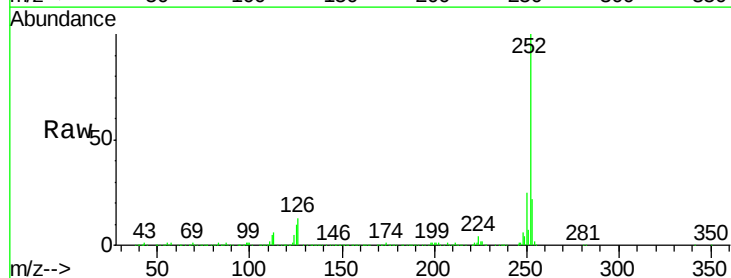
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

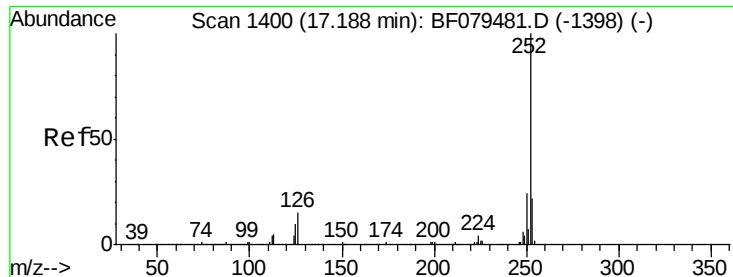
Tgt Ion:264 Resp: 258881
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 21.8 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 42.10 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion:252 Resp: 621657
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.9 7.8 11.6

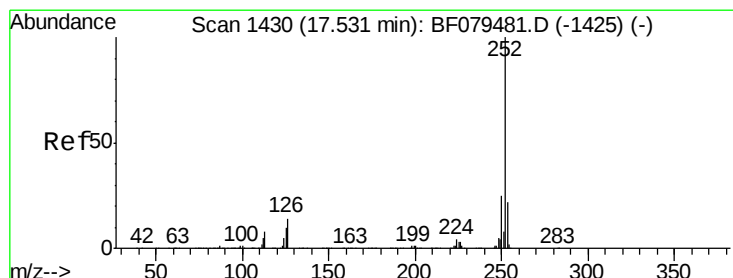
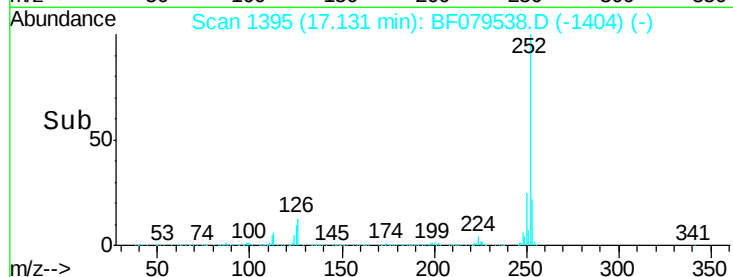
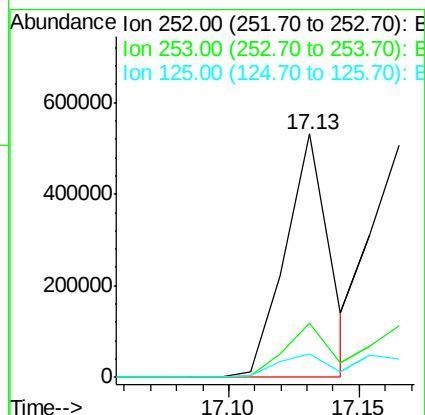
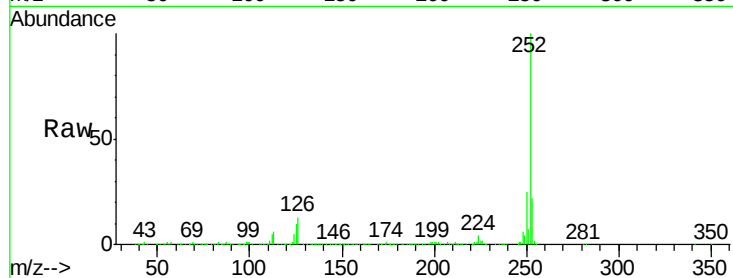




#88
Benzo(k)fluoranthene
Concen: 47.08 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.29 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

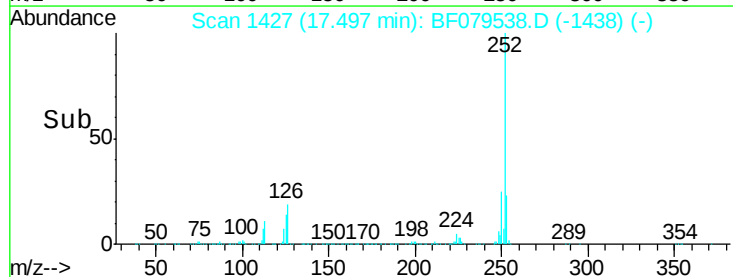
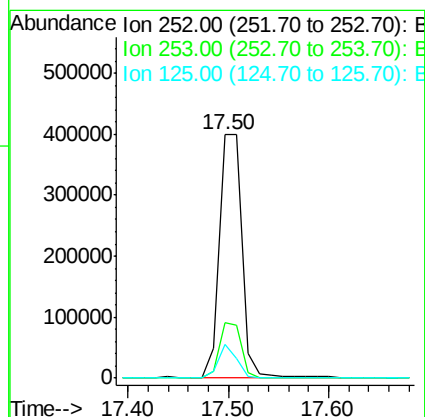
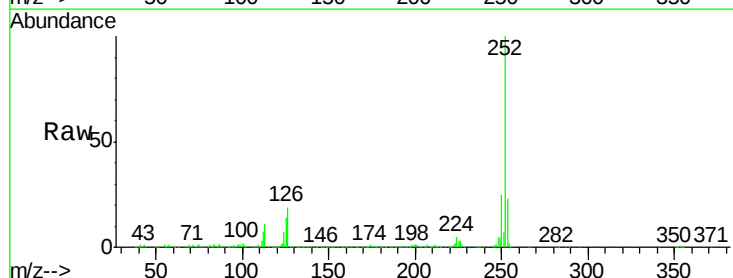
Instrument :
BNA_F
ClientSampleId :
TP-9-D10MSD

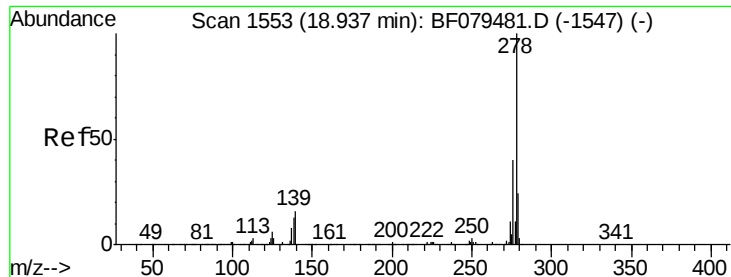
Tgt Ion:252 Resp: 621657
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 9.9 6.8 10.2



#89
Benzo(a)pyrene
Concen: 48.29 ng
RT: 17.50 min Scan# 1427
Delta R.T. -0.31 min
Lab File: BF079538.D
Acq: 28 May 2015 00:48

Tgt Ion:252 Resp: 623370
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 14.0 7.9 11.9#





#90

Dibenzo(a,h)anthracene

Concen: 46.60 ng

RT: 18.89 min Scan# 1549

Delta R.T. -0.43 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

Instrument :

BNA_F

ClientSampleId :

TP-9-D10MSD

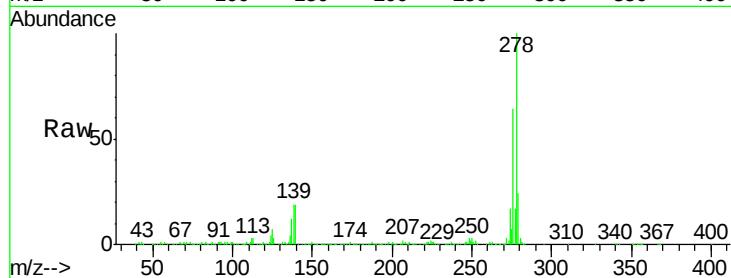
Tgt Ion:278 Resp: 630553

Ion Ratio Lower Upper

278 100

139 19.5 12.8 19.2#

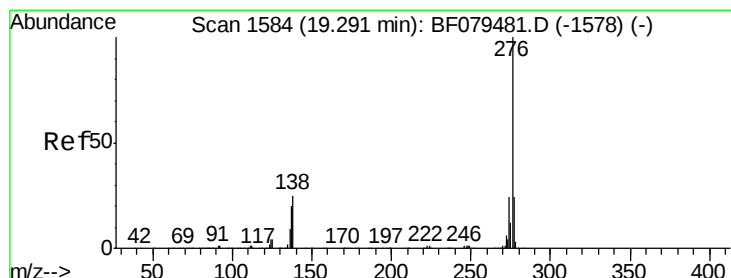
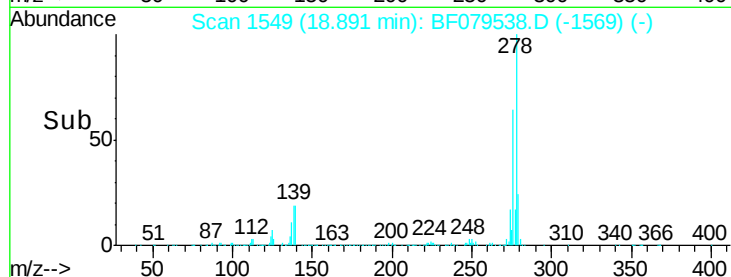
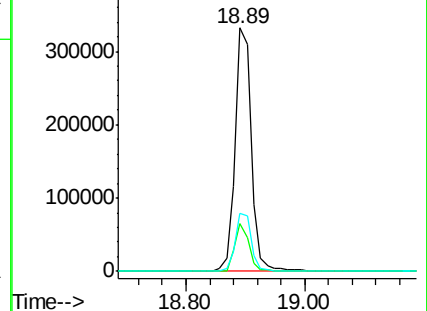
279 24.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 45.49 ng

RT: 19.26 min Scan# 1581

Delta R.T. -0.43 min

Lab File: BF079538.D

Acq: 28 May 2015 00:48

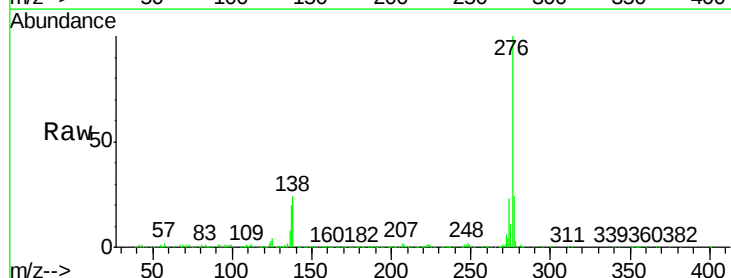
Tgt Ion:276 Resp: 615783

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 24.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

