

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079272.D
 Acq On : 15 May 2015 16:20
 Operator : TP/IZ
 Sample : G2231-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Quant Time: May 15 23:17:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	63585	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	253558	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	120256	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	228886	20.00	ng	0.00
75) Chrysene-d12	16.09	240	225305	20.00	ng	0.00
86) Perylene-d12	17.95	264	220987	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.75	99	611247	125.19	ng	0.00
23) Nitrobenzene-d5	7.87	82	388874	88.14	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	199047	153.00	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	749207	86.80	ng	0.00
78) Terphenyl-d14	14.77	244	821480	87.29	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.76	93	42681	6.19	ng	# 1
8) 2-Chlorophenol	6.91	128	189753	45.29	ng	89
9) Benzaldehyde	6.63	77	58363	17.74	ng	96
10) Phenol	6.76	94	222629	39.31	ng	81
11) bis(2-Chloroethyl)ether	6.87	93	175624	42.30	ng	87
12) 1,3-Dichlorobenzene	7.10	146	190757	40.51	ng	# 89
13) 1,4-Dichlorobenzene	7.20	146	198543	40.97	ng	99
14) 1,2-Dichlorobenzene	7.38	146	190677	42.26	ng	99
15) Benzyl Alcohol	7.37	79	159903	44.12	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.54	45	264246	41.60	ng	98
17) 2-Methylphenol	7.52	107	149373	44.31	ng	100
18) Hexachloroethane	7.79	117	67225	40.27	ng	# 83
19) n-Nitroso-di-n-propylamine	7.70	70	141688	42.96	ng	95
20) 3+4-Methylphenols	7.70	107	200917	44.72	ng	# 52
22) Acetophenone	7.69	105	303394	52.96	ng	# 87
24) Nitrobenzene	7.90	77	216026	49.40	ng	# 87
25) Isophorone	8.19	82	360579	44.09	ng	# 92
26) 2-Nitrophenol	8.28	139	92399	51.05	ng	# 85
27) 2,4-Dimethylphenol	8.35	122	168209	46.44	ng	95
28) bis(2-Chloroethoxy)methane	8.48	93	240284	47.65	ng	98
29) 2,4-Dichlorophenol	8.59	162	161914	50.27	ng	88
30) 1,2,4-Trichlorobenzene	8.68	180	159627	45.12	ng	97
31) Naphthalene	8.78	128	529643	43.84	ng	99
32) Benzoic acid	8.50	122	161583	68.17	ng	97
33) 4-Chloroaniline	8.86	127	39057	7.64	ng	94
34) Hexachlorobutadiene	8.94	225	90139	44.24	ng	97
35) Caprolactam	9.31	113	42924	41.21	ng	# 77
36) 4-Chloro-3-methylphenol	9.47	107	167479	49.51	ng	99
37) 2-Methylnaphthalene	9.64	142	385672	46.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	154803	45.71	ng	99
40) Hexachlorocyclopentadiene	9.83	237	141911	83.33	ng	93
42) 2,4,6-Trichlorophenol	10.00	196	109886	47.19	ng	98
43) 2,4,5-Trichlorophenol	10.04	196	115716	49.16	ng	# 94
45) 1,1'-Biphenyl	10.23	154	450822	47.16	ng	99

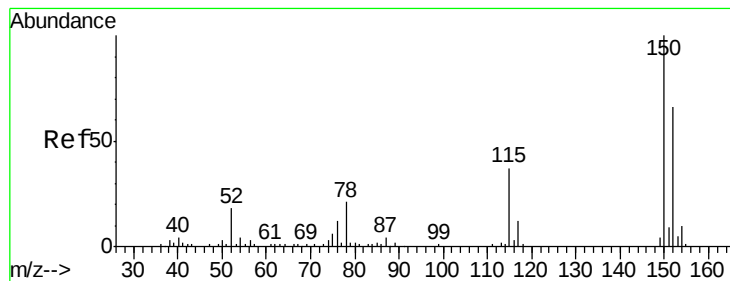
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.24	162	341949	45.86	ng	98
47) 2-Nitroaniline	10.38	65	101013	46.75	ng	# 79
48) Acenaphthylene	10.75	152	576643	47.10	ng	100
49) Dimethylphthalate	10.62	163	415995	47.13	ng	99
50) 2,6-Dinitrotoluene	10.68	165	84242	48.37	ng	# 57
51) Acenaphthene	10.97	154	340064	46.57	ng	99
52) 3-Nitroaniline	10.89	138	27992	12.87	ng	82
53) 2,4-Dinitrophenol	11.03	184	78544	94.30	ng	# 59
54) Dibenzofuran	11.19	168	518378	49.15	ng	95
55) 4-Nitrophenol	11.11	139	144006	83.62	ng	92
56) 2,4-Dinitrotoluene	11.19	165	117561	51.05	ng	94
57) Fluorene	11.61	166	419167	48.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	92514	48.09	ng	# 98
59) Diethylphthalate	11.50	149	413699	47.31	ng	96
60) 4-Chlorophenyl-phenylether	11.62	204	184587	48.07	ng	# 88
61) 4-Nitroaniline	11.65	138	88605	40.71	ng	93
62) Azobenzene	11.82	77	418391	48.56	ng	94
64) 4,6-Dinitro-2-methylphenol	11.69	198	52744	53.00	ng	98
65) n-Nitrosodiphenylamine	11.77	169	356332	46.75	ng	99
66) 4-Bromophenyl-phenylether	12.23	248	113511	47.58	ng	# 82
67) Hexachlorobenzene	12.29	284	130921	48.01	ng	# 74
68) Atrazine	12.45	200	103571	46.72	ng	97
69) Pentachlorophenol	12.54	266	138245	86.08	ng	97
70) Phenanthrene	12.80	178	572195	44.69	ng	99
71) Anthracene	12.86	178	582179	46.34	ng	99
72) Carbazole	13.07	167	566860	47.34	ng	98
73) Di-n-butylphthalate	13.52	149	679497	47.32	ng	# 98
74) Fluoranthene	14.27	202	626392	46.95	ng	96
76) Benzidine	14.46	184	121171	19.96	ng	97
77) Pyrene	14.55	202	638318	49.17	ng	100
79) Butylbenzylphthalate	15.39	149	350365	61.74	ng	99
80) Benzo(a)anthracene	16.08	228	578182	46.86	ng	99
81) 3,3'-Dichlorobenzidine	16.06	252	162090	36.88	ng	# 97
82) Chrysene	16.13	228	492626	41.51	ng	99
83) Bis(2-ethylhexyl)phthalate	16.15	149	435166	50.62	ng	100
84) Di-n-octyl phthalate	16.99	149	756638	49.98	ng	98
85) Indeno(1,2,3-cd)pyrene	19.39	276	672885	44.50	ng	99
87) Benzo(b)fluoranthene	17.47	252	565525	46.75	ng	# 96
88) Benzo(k)fluoranthene	17.51	252	577145	49.29	ng	98
89) Benzo(a)pyrene	17.89	252	556507	49.97	ng	98
90) Dibenzo(a,h)anthracene	19.43	278	555452	46.93	ng	98
91) Benzo(g,h,i)perylene	19.81	276	557492	46.99	ng	# 94

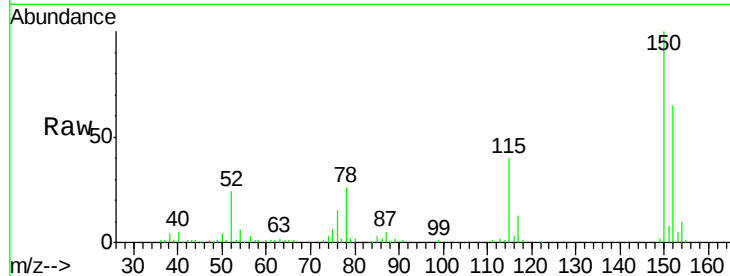
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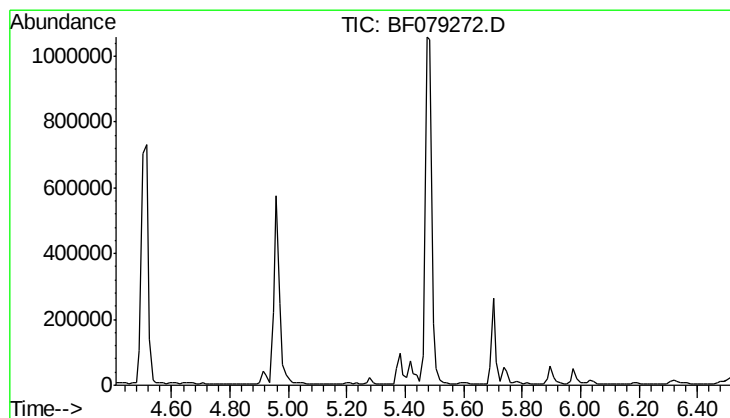
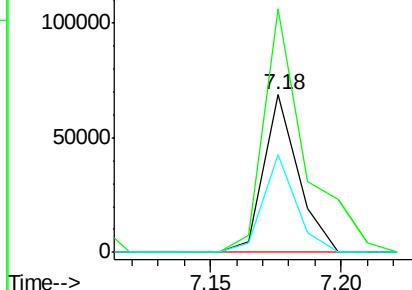
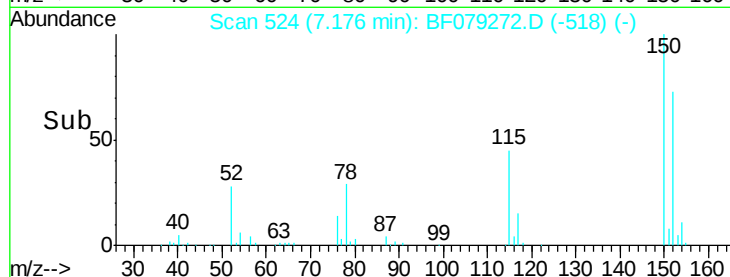
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion	Resp	Lower	Upper
152	100		
150	154.7	123.8	185.8
115	61.8	49.4	74.0



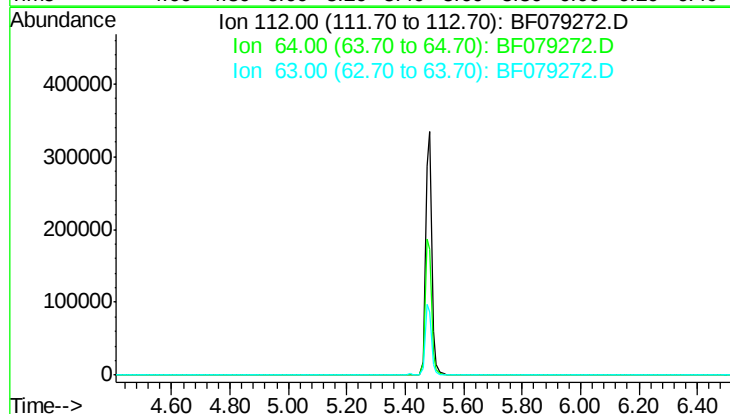
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

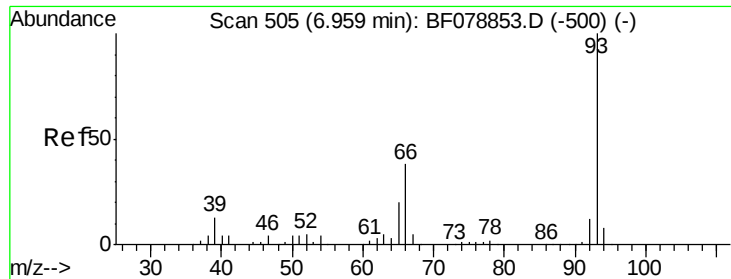


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min

Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#6

Aniline

Concen: 6.19 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

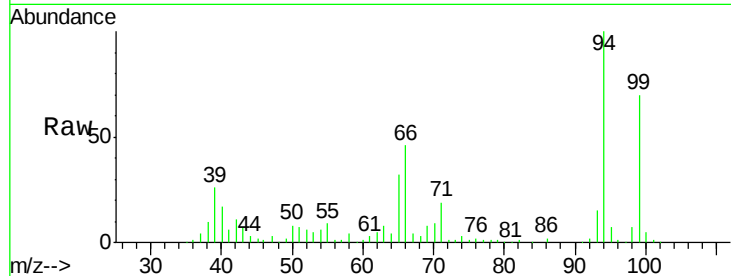
Tgt Ion: 93 Resp: 42681

Ion Ratio Lower Upper

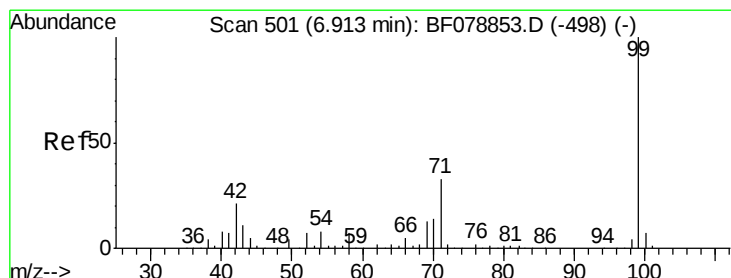
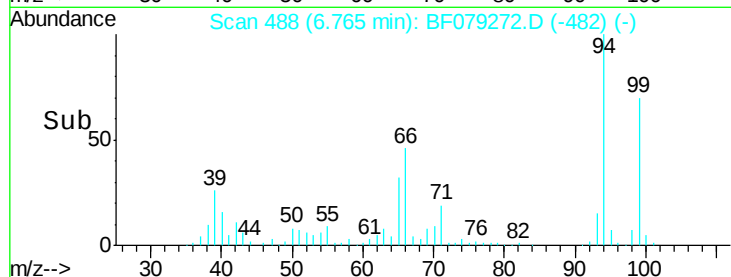
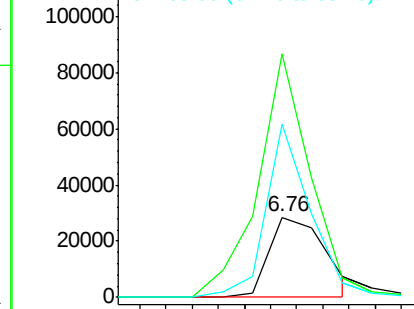
93 100

66 305.0 30.7 46.1#

65 216.3 15.8 23.8#



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



#7

Phenol-d6

Concen: 125.19 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

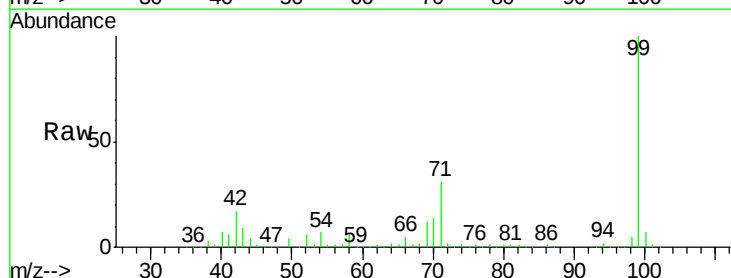
Tgt Ion: 99 Resp: 611247

Ion Ratio Lower Upper

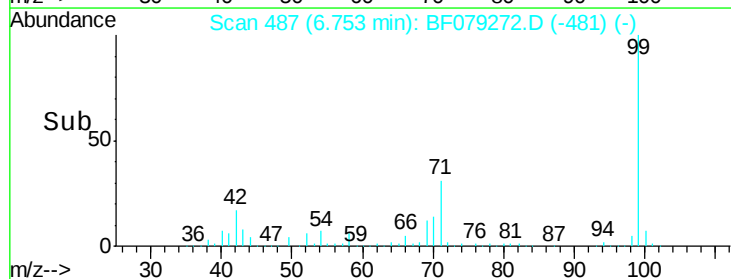
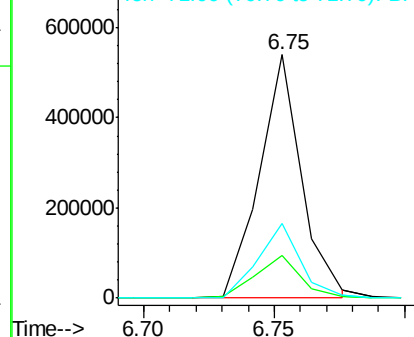
99 100

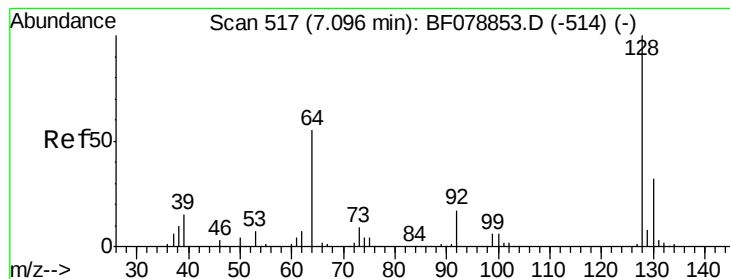
42 17.4 17.1 25.7

71 30.7 26.3 39.5



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: 45.29 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

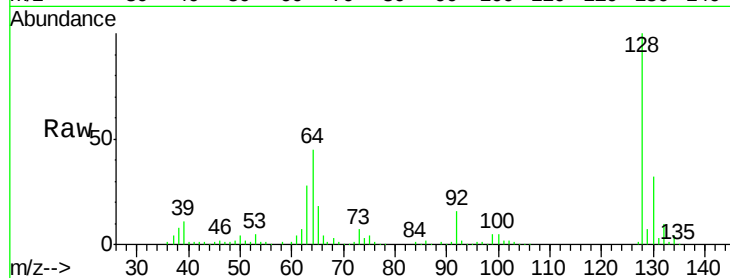
Tgt Ion:128 Resp: 189753

Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

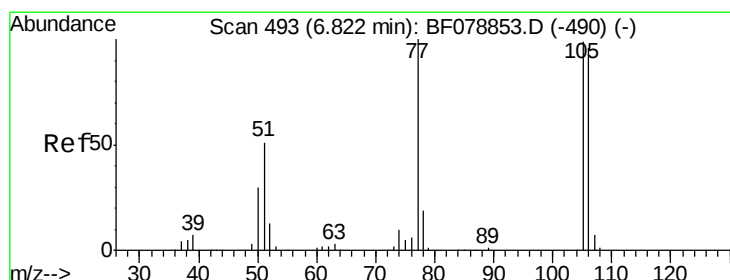
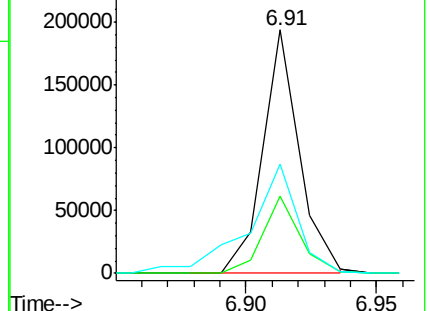
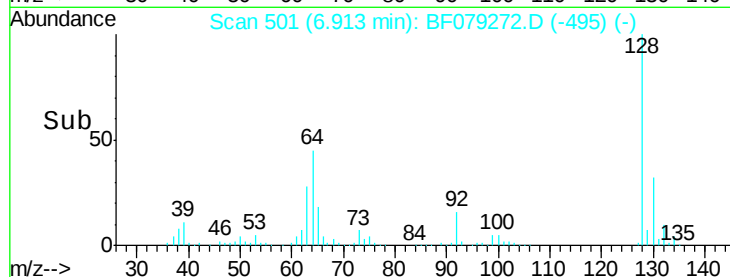
64 45.1 37.8 77.8



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: 17.74 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

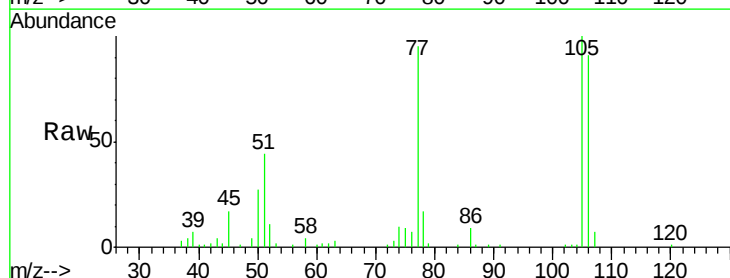
Tgt Ion: 77 Resp: 58363

Ion Ratio Lower Upper

77 100

105 105.5 78.9 118.9

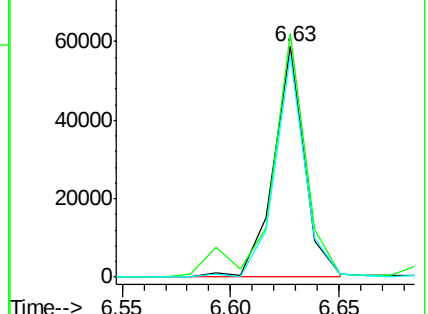
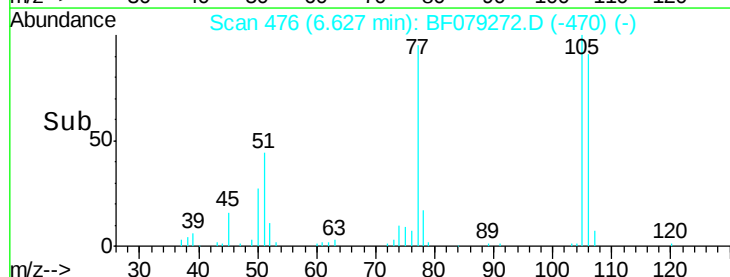
106 96.3 75.8 115.8

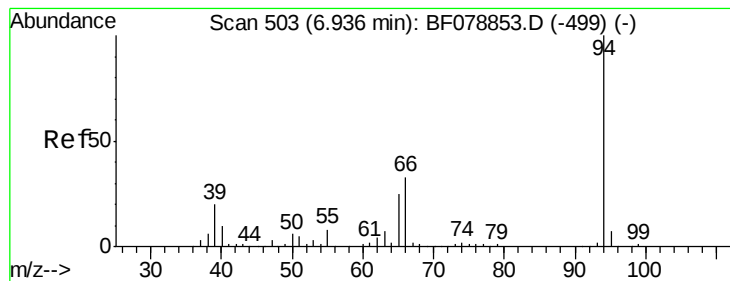


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.31 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

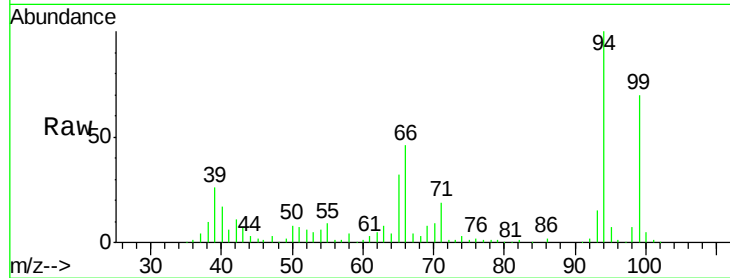
Tgt Ion: 94 Resp: 222629

Ion Ratio Lower Upper

94 100

65 32.3 5.1 45.1

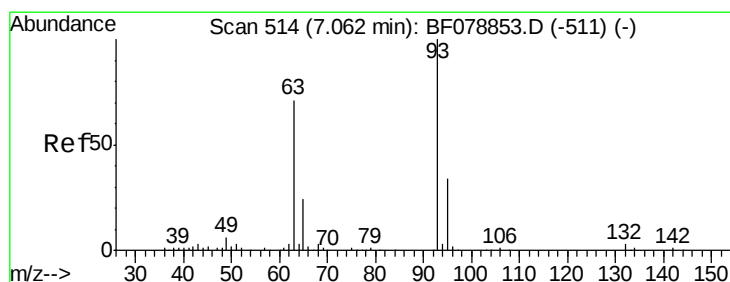
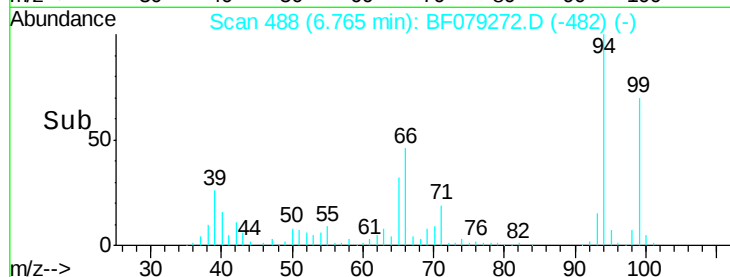
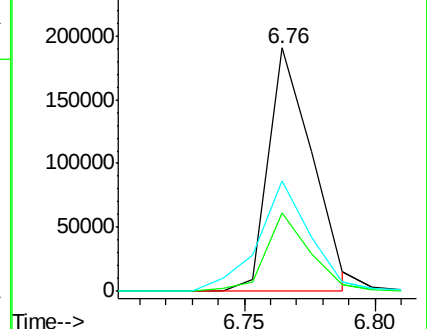
66 45.5 13.1 53.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 42.30 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

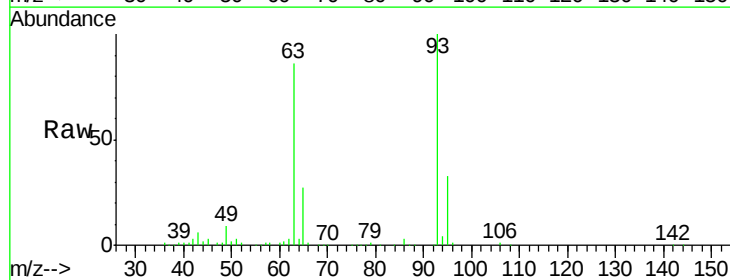
Tgt Ion: 93 Resp: 175624

Ion Ratio Lower Upper

93 100

63 85.9 50.8 90.8

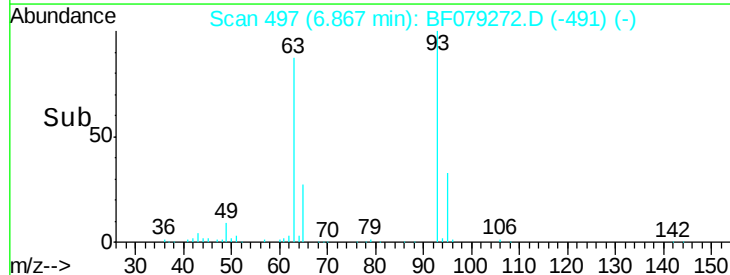
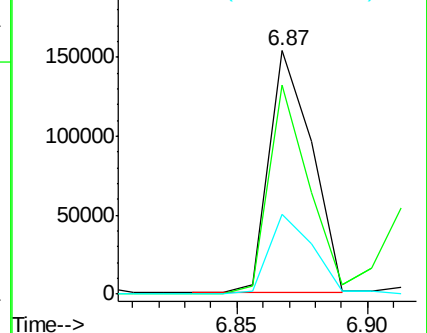
95 32.6 13.9 53.9

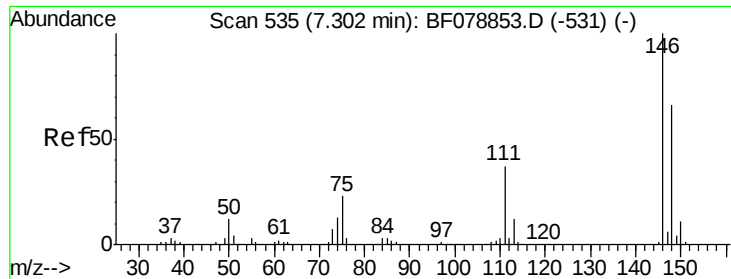


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

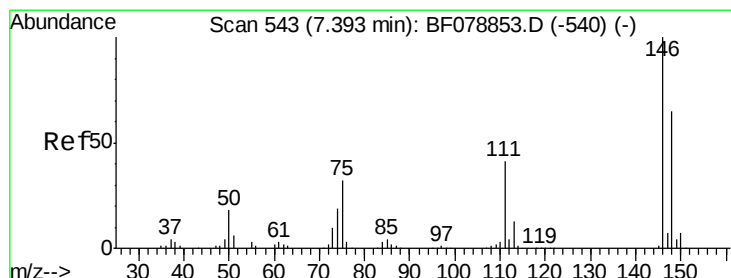
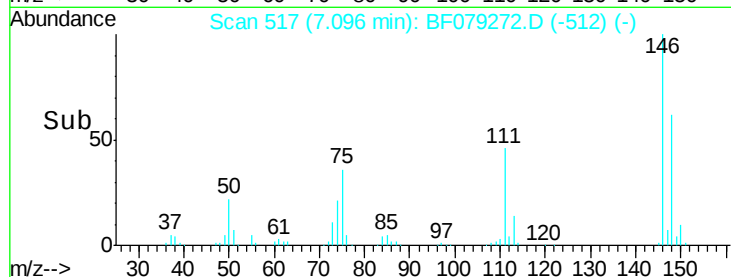
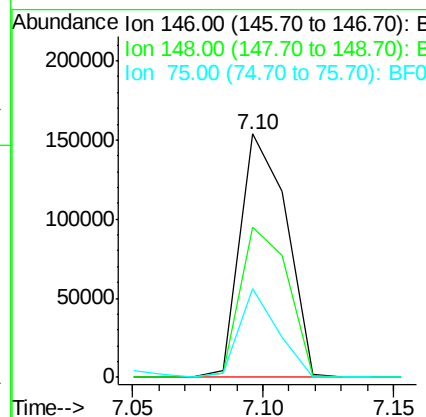
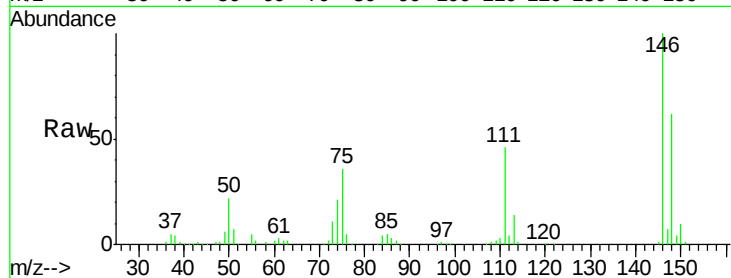




#12
 1,3-Dichlorobenzene
 Concen: 40.51 ng
 RT: 7.10 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

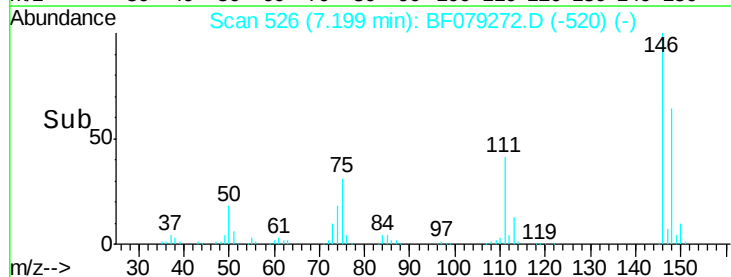
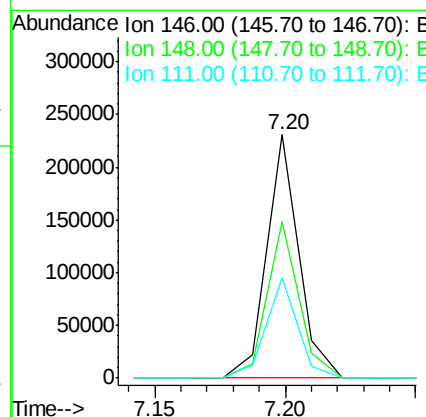
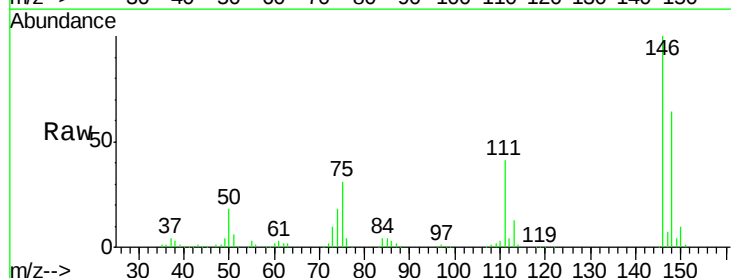
Instrument :
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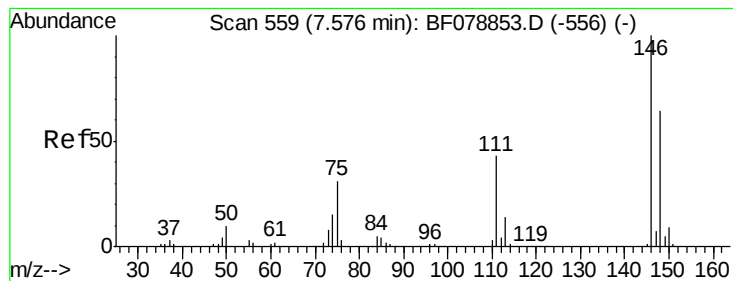
Tgt Ion:146 Resp: 190757
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.4 78.6
 75 36.4 18.6 27.8#



#13
 1,4-Dichlorobenzene
 Concen: 40.97 ng
 RT: 7.20 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:146 Resp: 198543
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.7 77.5
 111 41.4 32.8 49.2





#14

1,2-Dichlorobenzene

Concen: 42.26 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

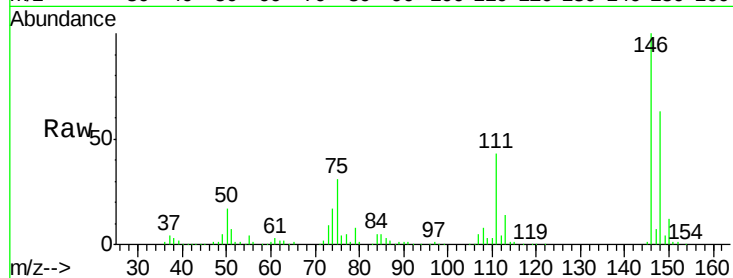
Tgt Ion:146 Resp: 190677

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

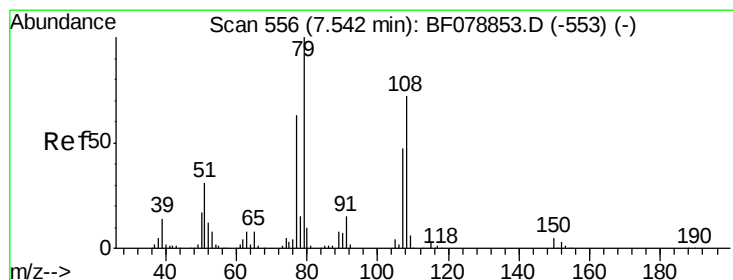
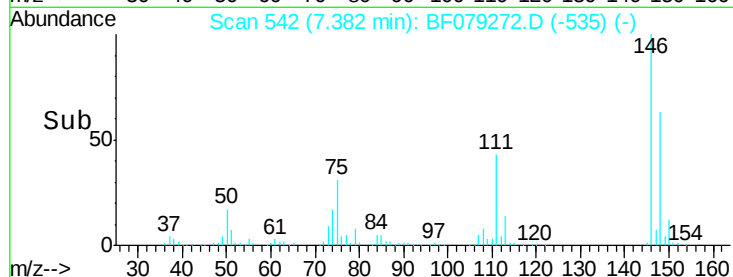
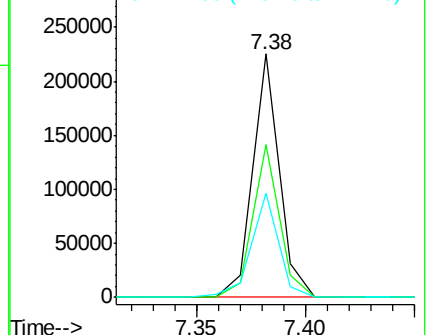
111 43.0 34.6 52.0



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: 44.12 ng

RT: 7.37 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

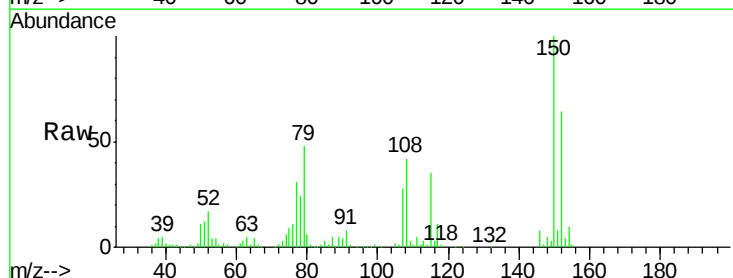
Tgt Ion: 79 Resp: 159903

Ion Ratio Lower Upper

79 100

108 87.0 57.4 86.2#

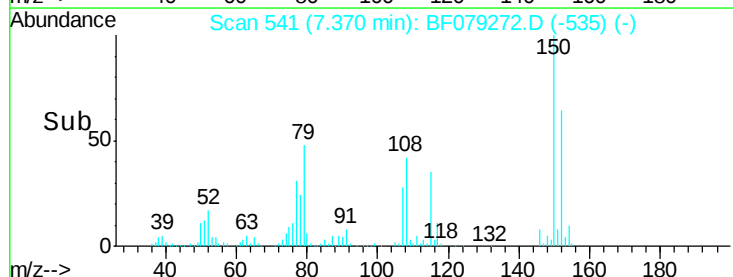
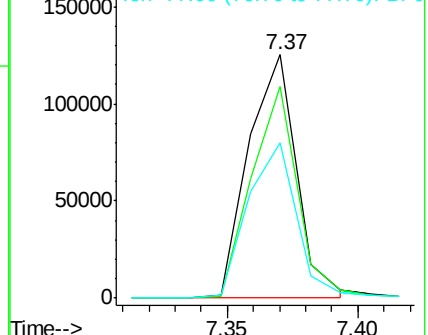
77 63.9 50.2 75.4

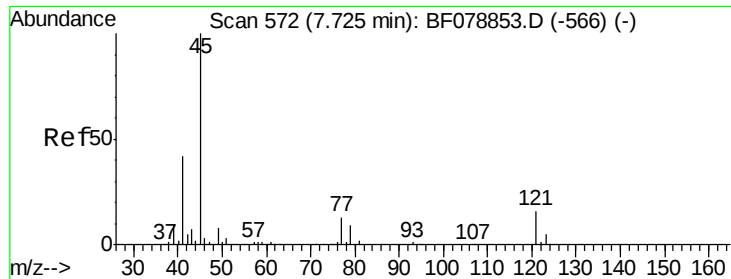


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

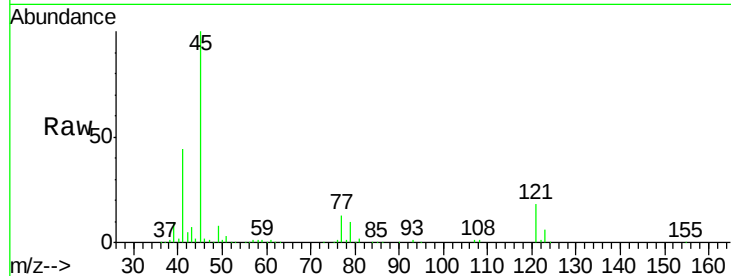




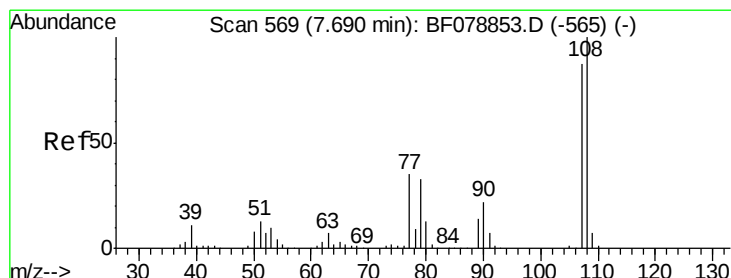
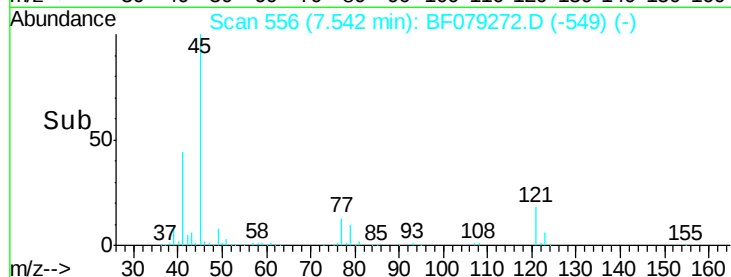
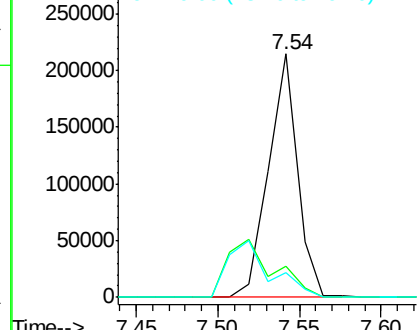
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.60 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion: 45 Resp: 264246
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.6
79 10.4 0.0 29.3

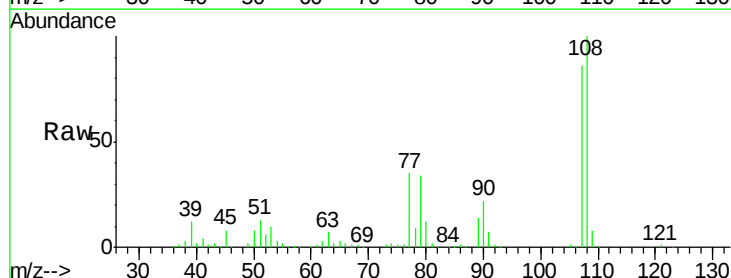


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

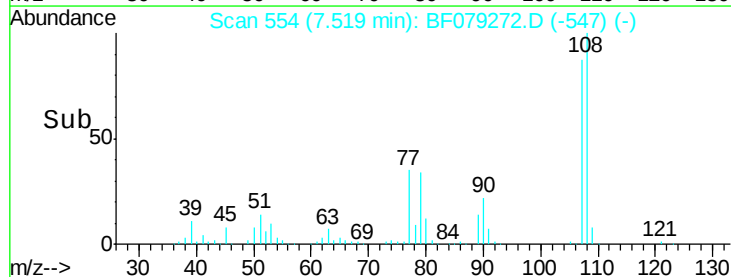
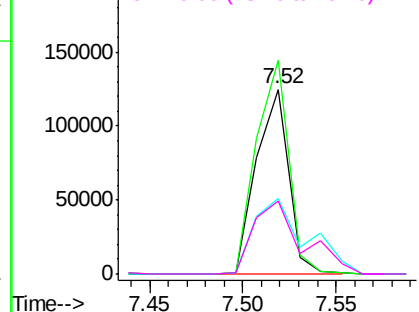


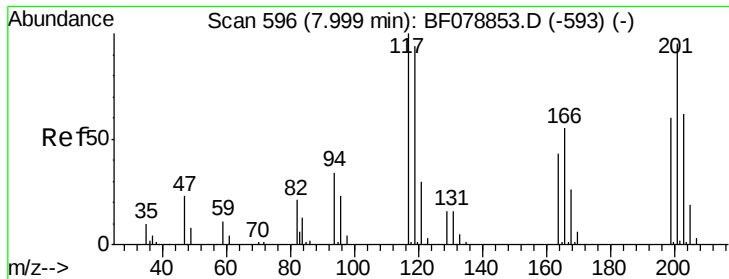
#17
2-Methylphenol
Concen: 44.31 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion: 107 Resp: 149373
Ion Ratio Lower Upper
107 100
108 115.7 92.4 138.6
77 40.9 32.6 49.0
79 39.8 30.9 46.3



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

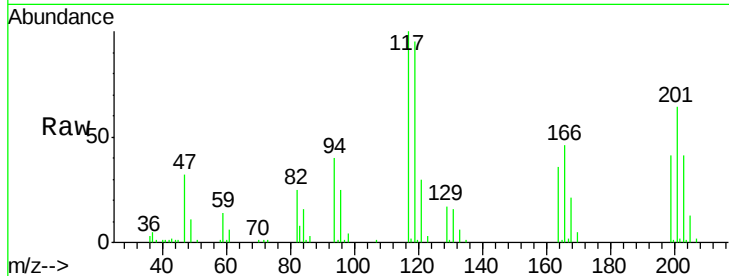




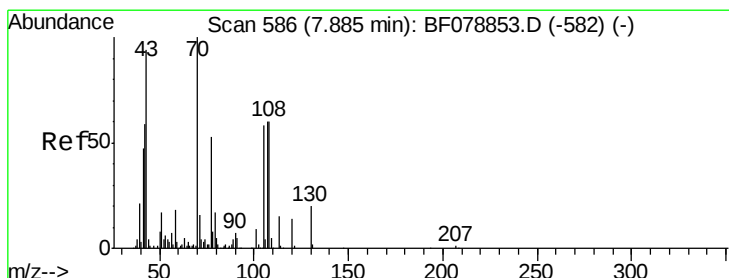
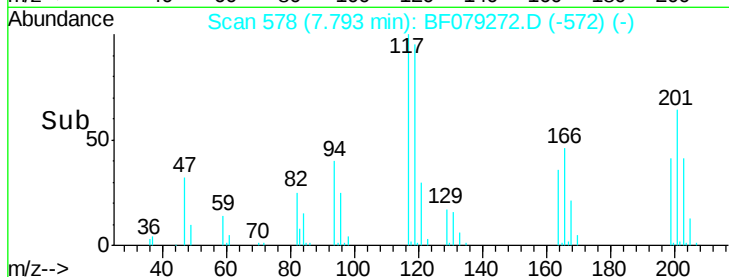
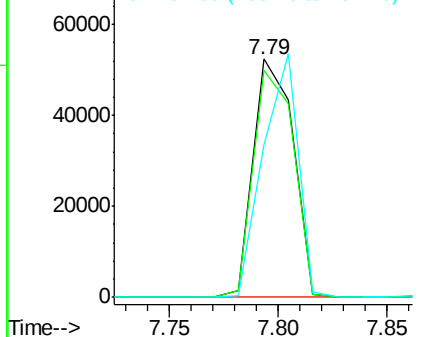
#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion: 117 Resp: 67225
Ion Ratio Lower Upper
117 100
119 95.3 75.2 112.8
201 63.9 75.8 113.8#



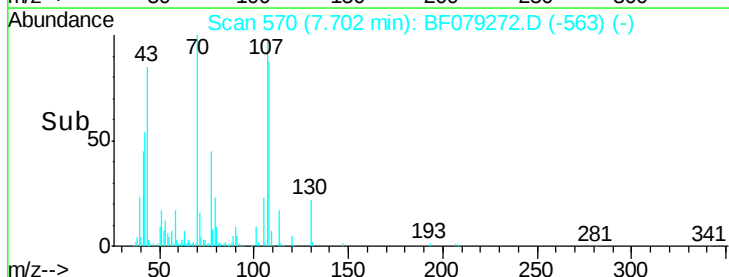
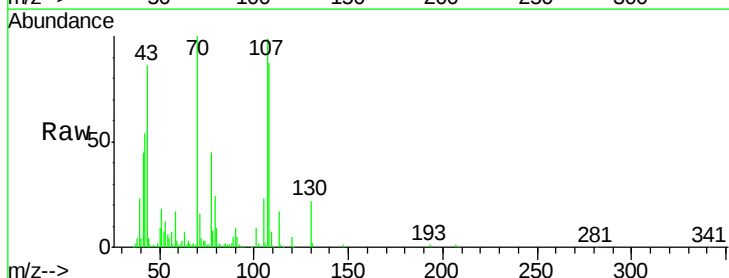
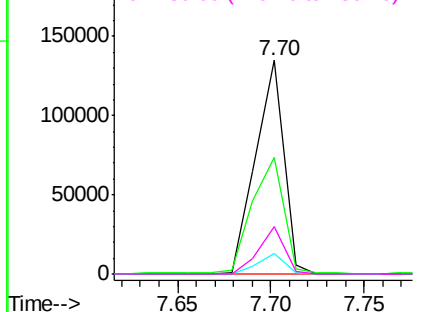
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

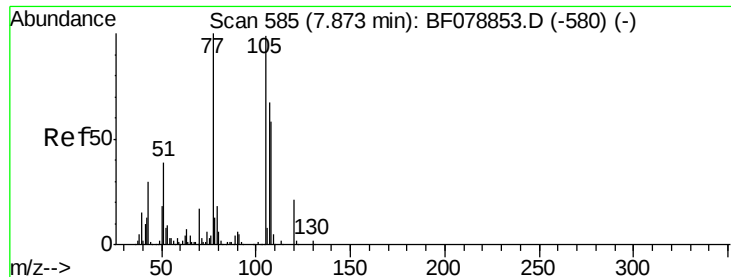


#19
n-Nitroso-di-n-propylamine
Concen: 42.96 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion: 70 Resp: 141688
Ion Ratio Lower Upper
70 100
42 54.4 47.3 70.9
101 9.4 7.5 11.3
130 22.1 15.8 23.6

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: 44.72 ng

RT: 7.70 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

Tgt Ion:107 Resp: 200917

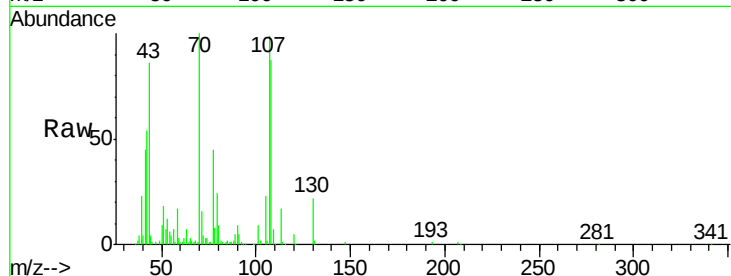
Ion Ratio Lower Upper

107 100

108 88.4 66.5 106.5

77 45.5 130.6 170.6#

79 24.2 6.4 46.4

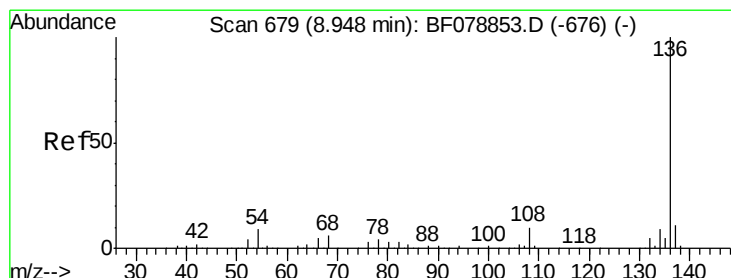
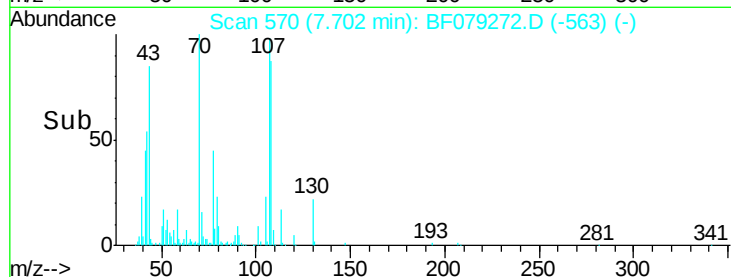
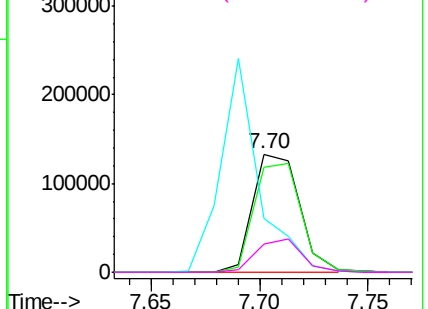


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Tgt Ion:136 Resp: 253558

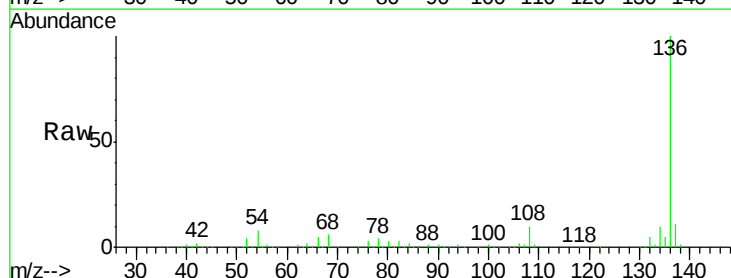
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.9 6.9 10.3

68 5.8 4.9 7.3

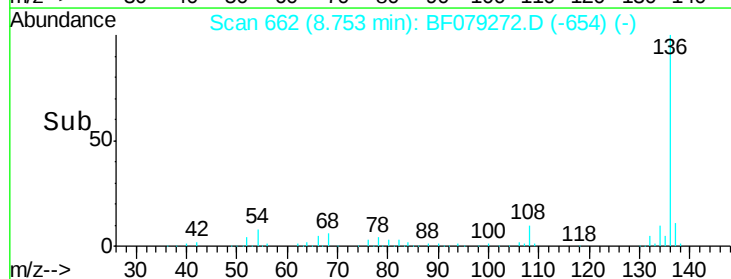
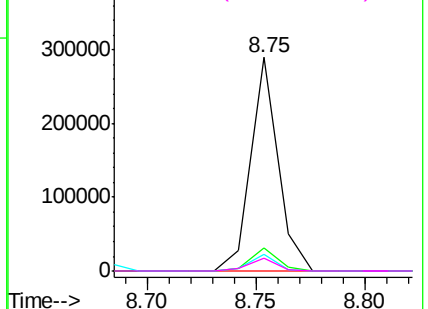


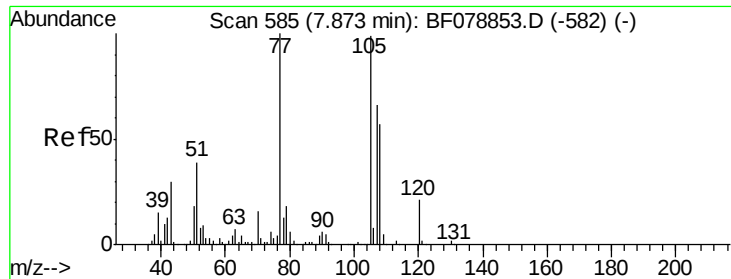
Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.96 ng

RT: 7.69 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

Tgt Ion: 105 Resp: 303394

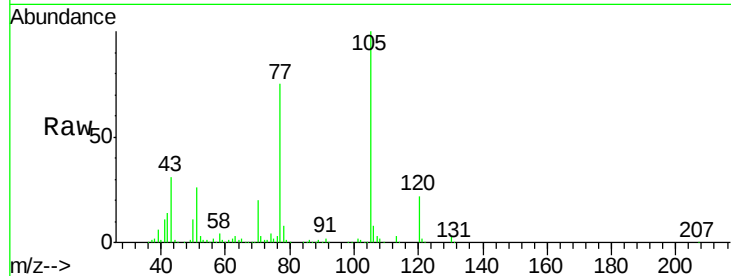
Ion Ratio Lower Upper

105 100

71 3.5 2.2 3.4#

51 26.3 31.1 46.7#

120 21.6 16.7 25.1

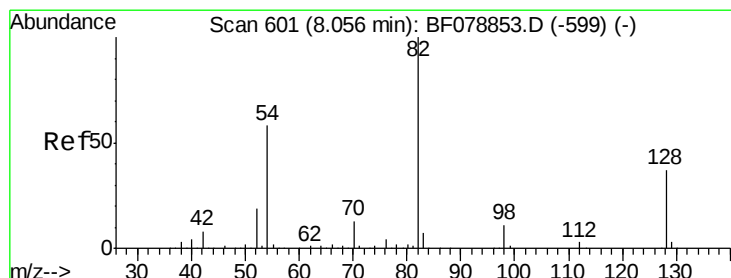
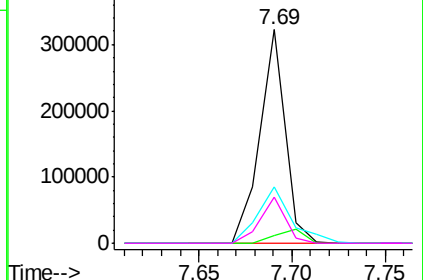
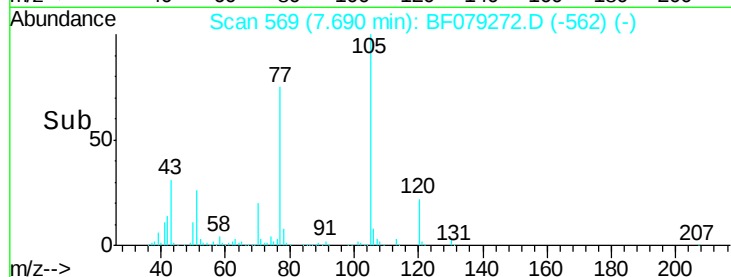


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 88.14 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

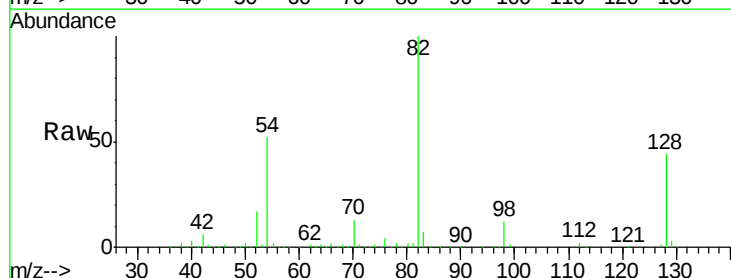
Tgt Ion: 82 Resp: 388874

Ion Ratio Lower Upper

82 100

128 44.5 29.7 44.5

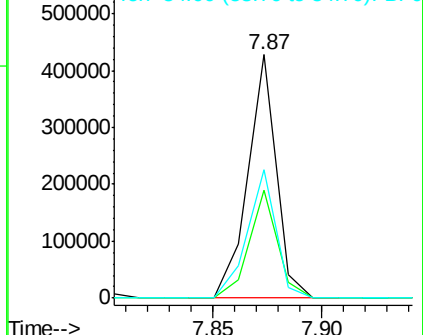
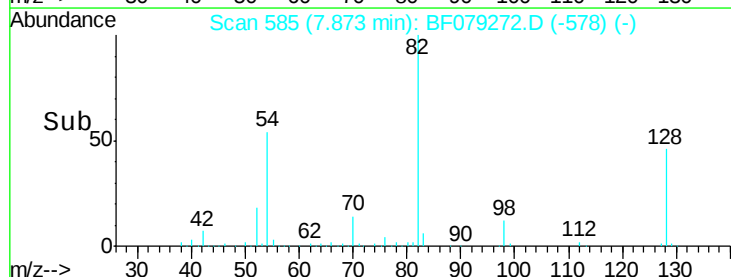
54 52.5 46.2 69.4

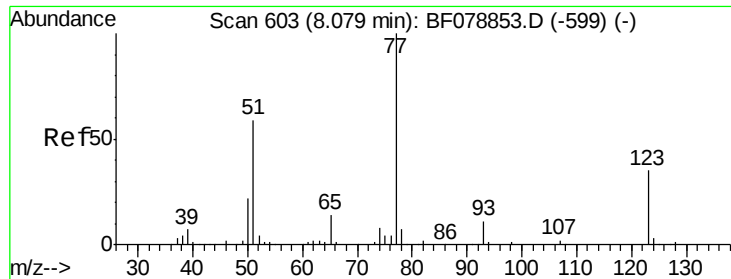


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 49.40 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

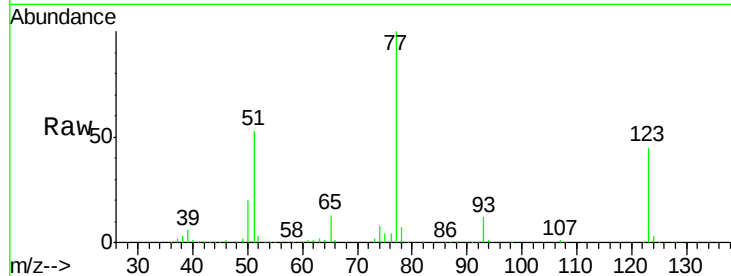
Tgt Ion: 77 Resp: 216026

Ion Ratio Lower Upper

77 100

123 45.2 28.3 42.5#

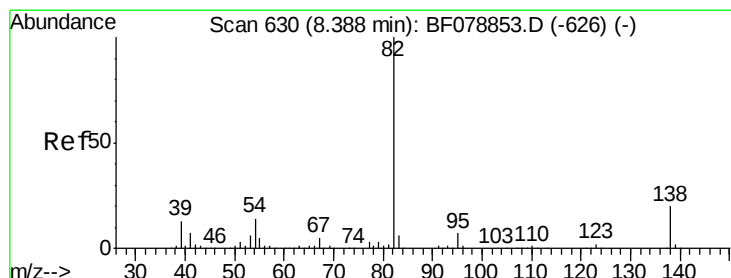
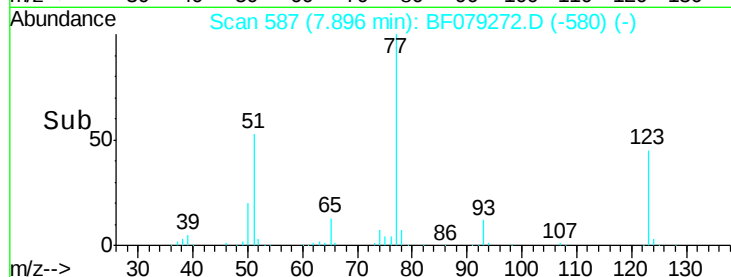
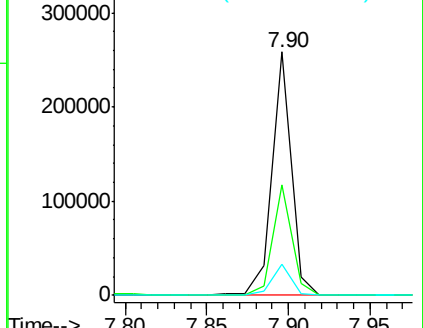
65 13.0 11.0 16.4



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: 44.09 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

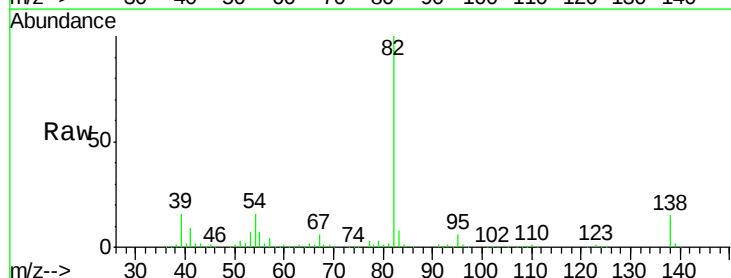
Tgt Ion: 82 Resp: 360579

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

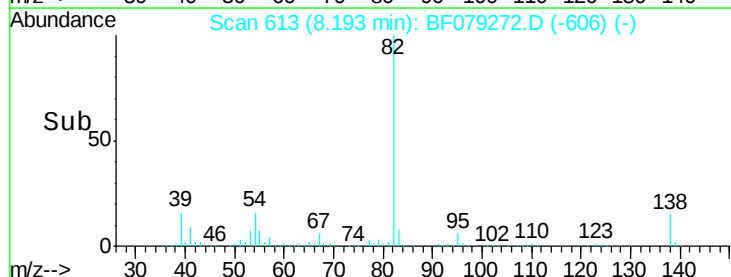
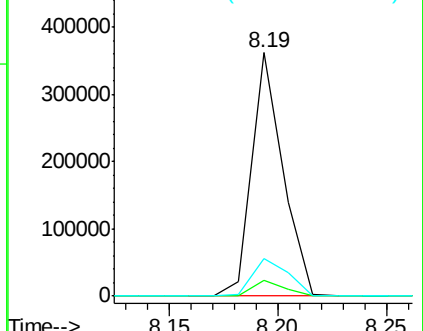
138 15.4 16.1 24.1#

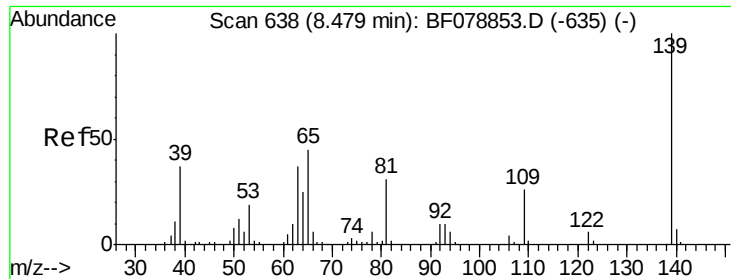


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

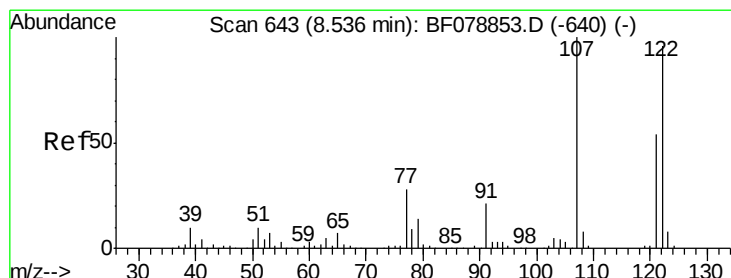
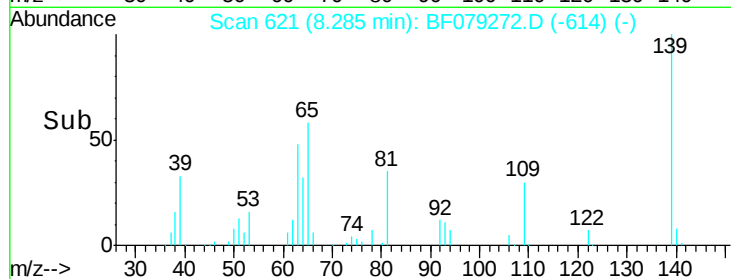
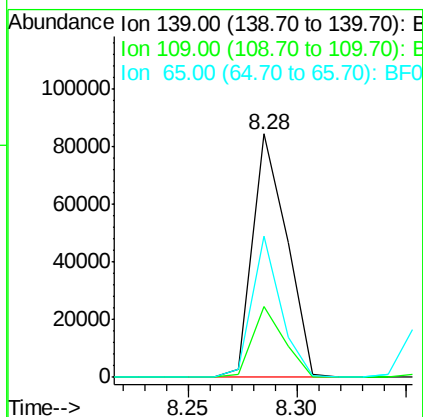
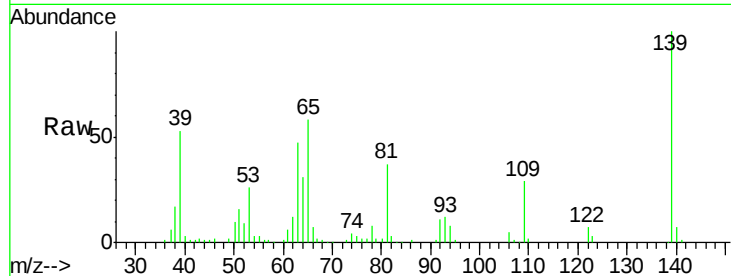




#26
 2-Nitrophenol
 Concen: 51.05 ng
 RT: 8.28 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

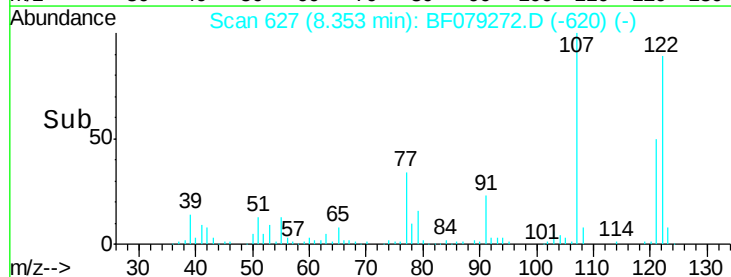
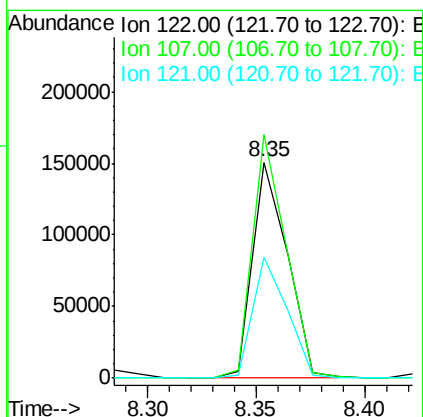
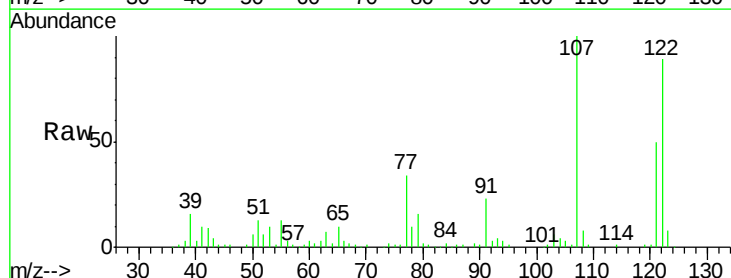
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

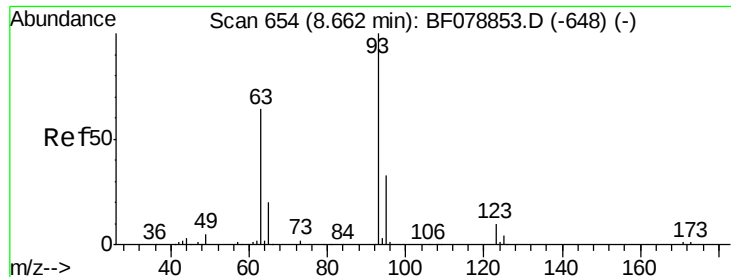
Tgt Ion:139 Resp: 92399
 Ion Ratio Lower Upper
 139 100
 109 29.3 20.9 31.3
 65 58.3 35.8 53.8#



#27
 2,4-Dimethylphenol
 Concen: 46.44 ng
 RT: 8.35 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:122 Resp: 168209
 Ion Ratio Lower Upper
 122 100
 107 112.9 83.6 125.4
 121 56.0 44.9 67.3

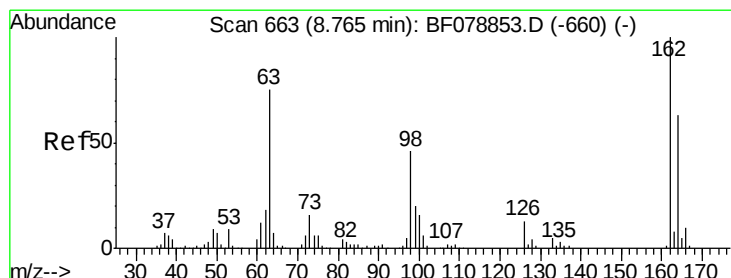
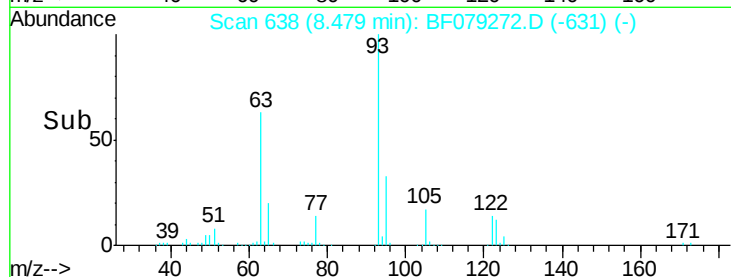
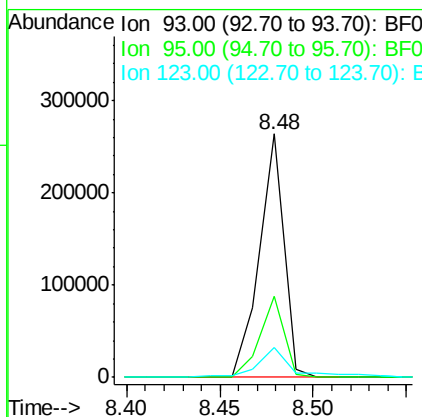
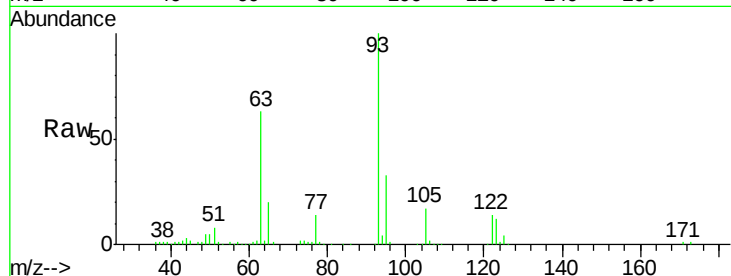




#28
bis(2-Chloroethoxy)methane
Concen: 47.65 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

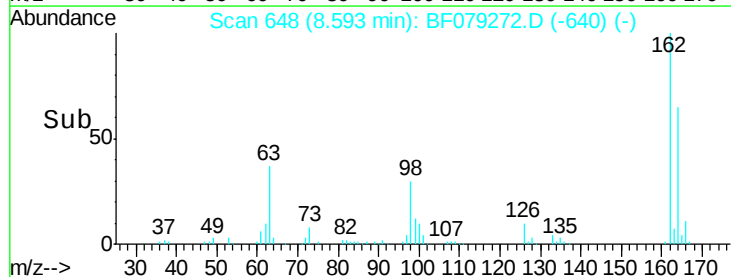
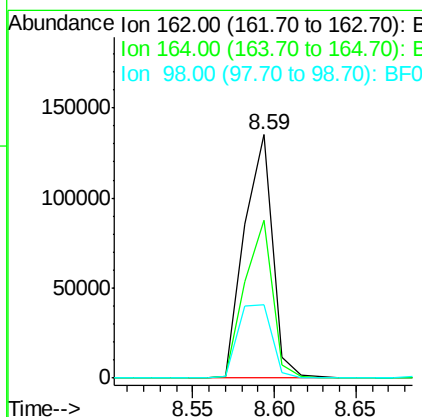
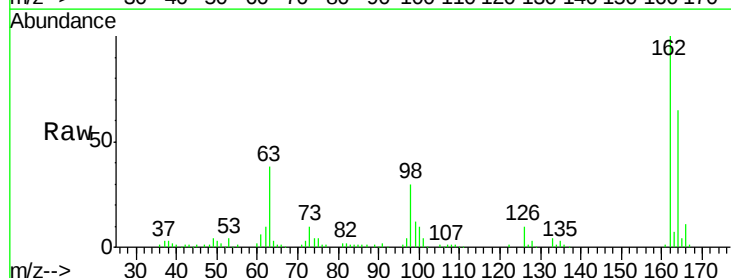
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

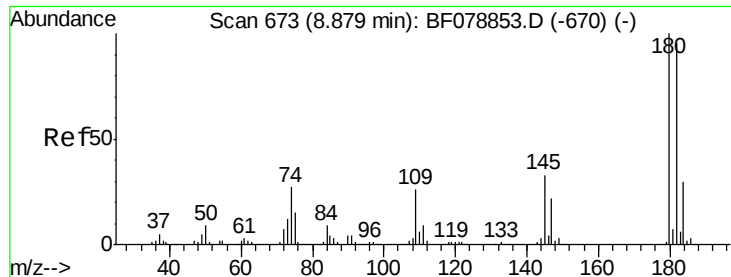
Tgt Ion: 93 Resp: 240284
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.2
123 12.1 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 50.27 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion: 162 Resp: 161914
Ion Ratio Lower Upper
162 100
164 64.7 42.7 82.7
98 30.3 26.3 66.3

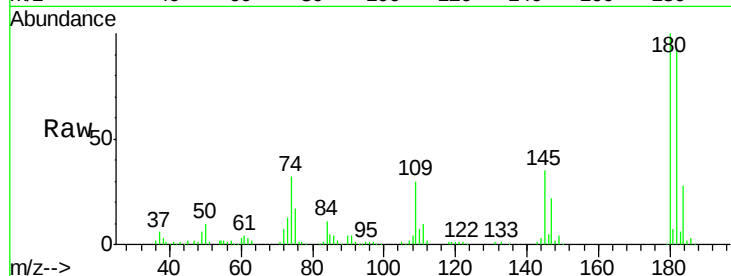




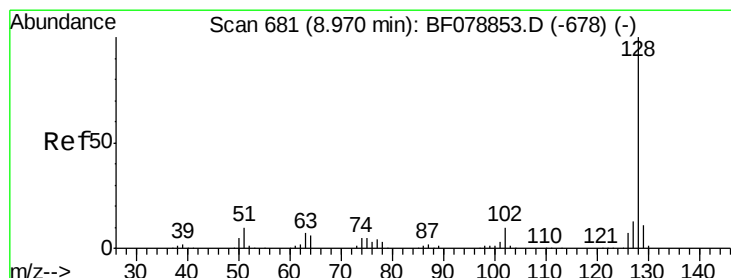
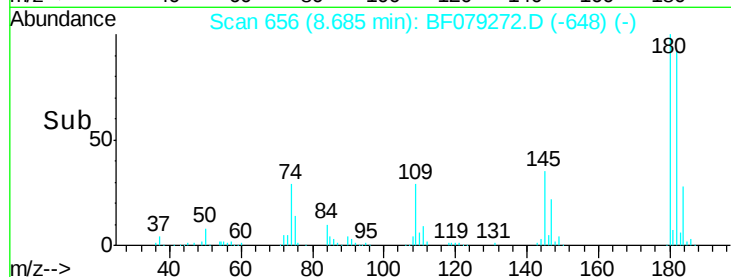
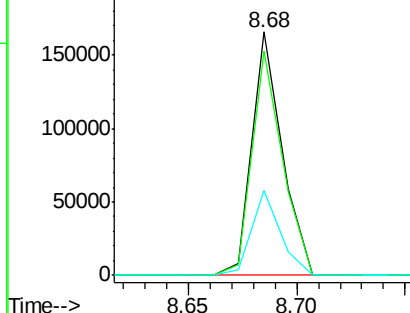
#30
1,2,4-Trichlorobenzene
Concen: 45.12 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion:180 Resp: 159627
Ion Ratio Lower Upper
180 100
182 92.0 75.7 113.5
145 35.0 26.2 39.4

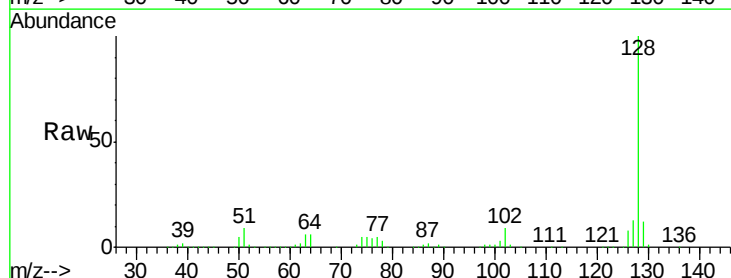


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

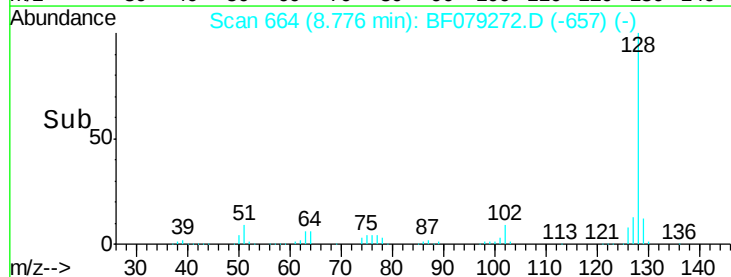
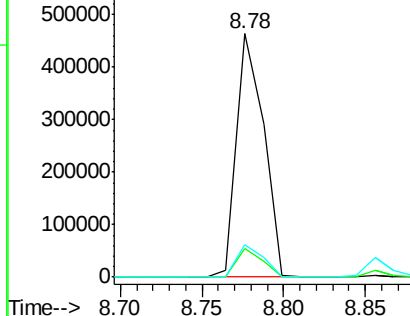


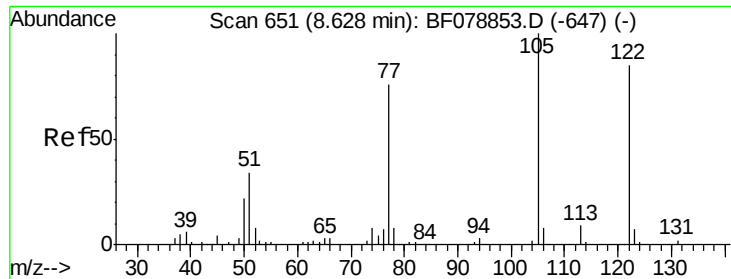
#31
Naphthalene
Concen: 43.84 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:128 Resp: 529643
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

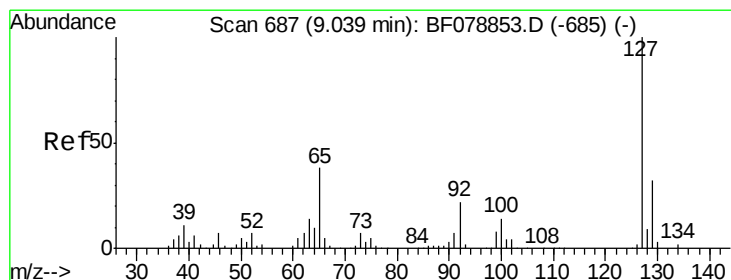
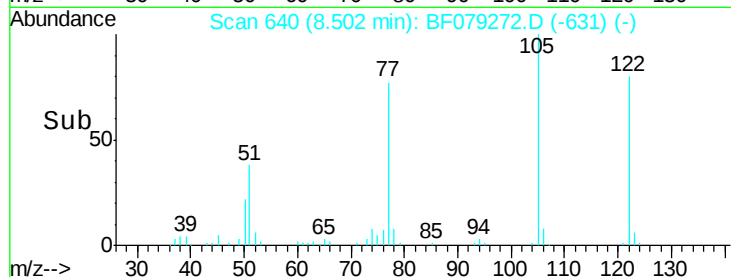
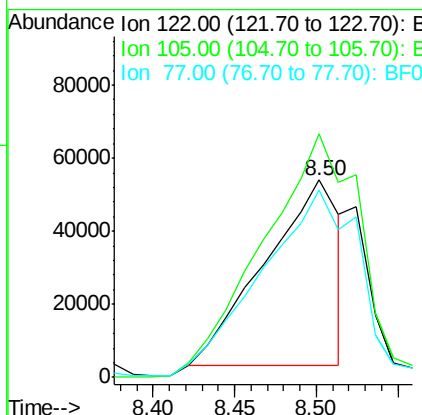
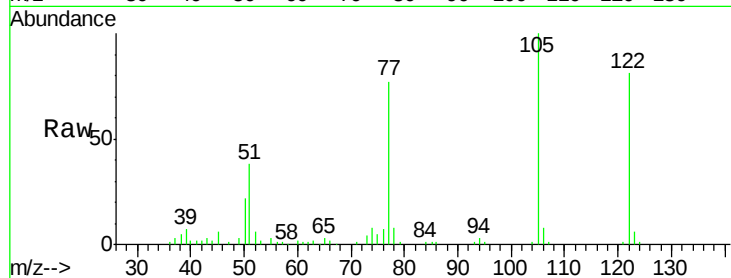




#32
Benzoic acid
Concen: 68.17 ng
RT: 8.50 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

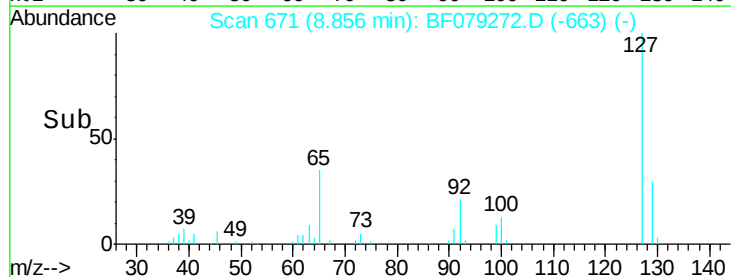
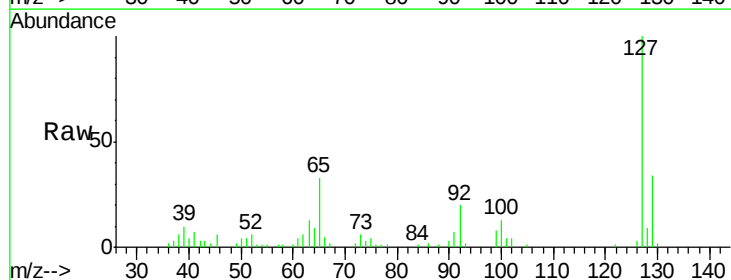
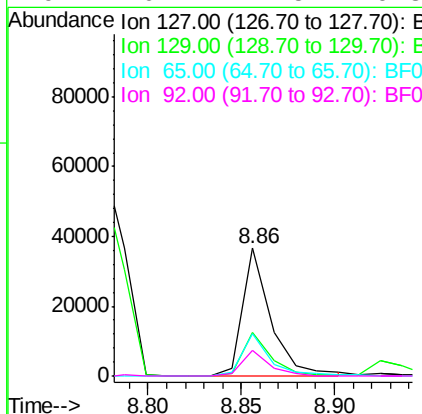
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

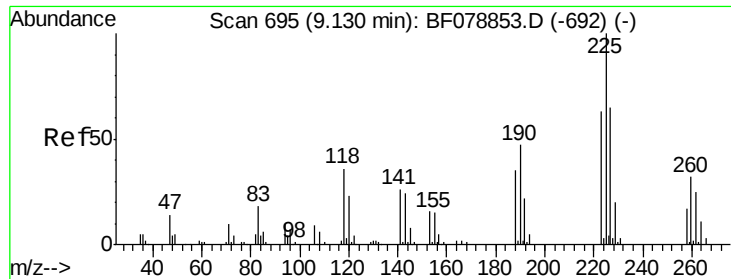
Tgt Ion:122 Resp: 161583
Ion Ratio Lower Upper
122 100
105 123.5 100.7 140.7
77 95.1 72.0 112.0



#33
4-Chloroaniline
Concen: 7.64 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:127 Resp: 39057
Ion Ratio Lower Upper
127 100
129 33.9 25.6 38.4
65 32.8 30.2 45.4
92 20.1 17.5 26.3

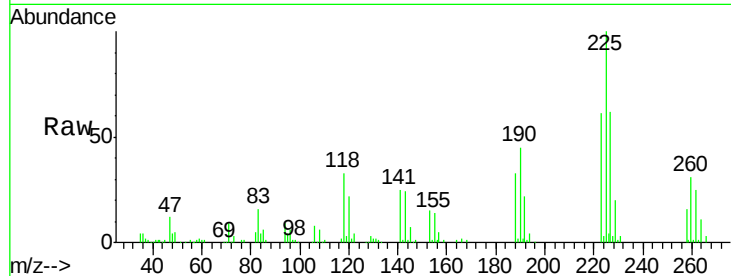




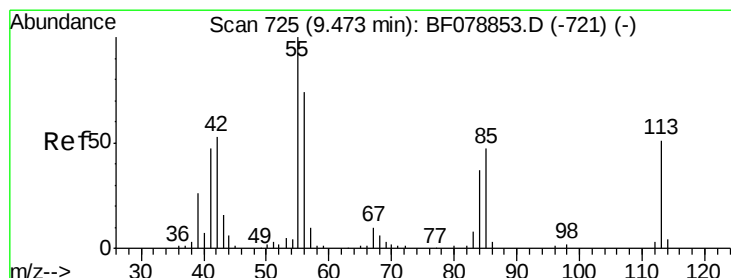
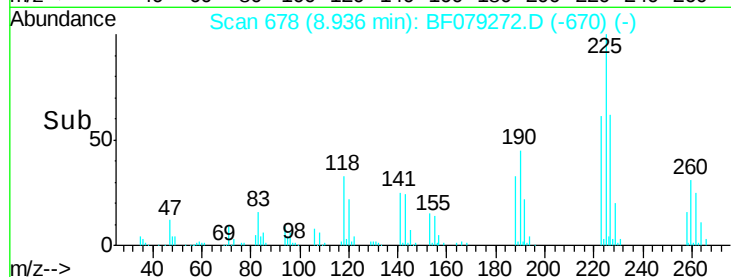
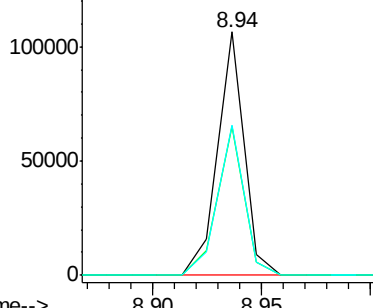
#34
Hexachlorobutadiene
Concen: 44.24 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion: 225 Resp: 90139
Ion Ratio Lower Upper
225 100
223 61.3 50.6 75.8
227 61.9 52.1 78.1

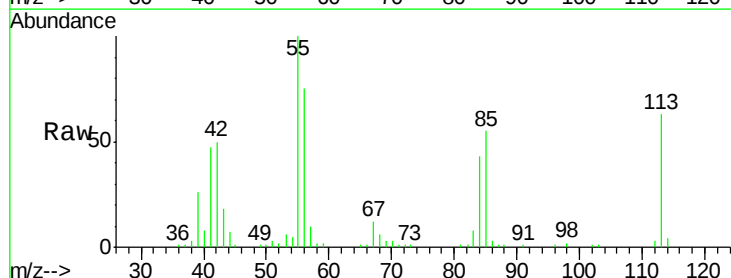


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

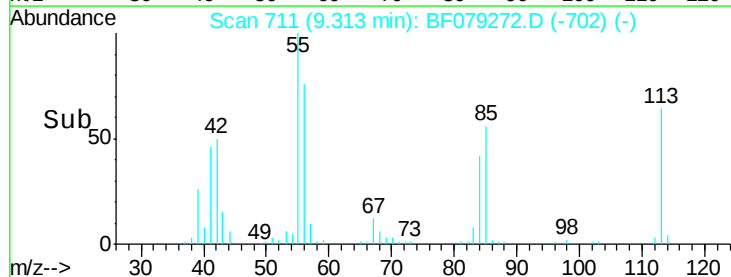
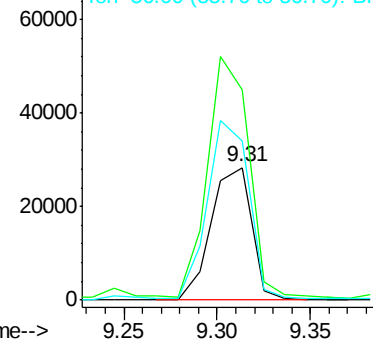


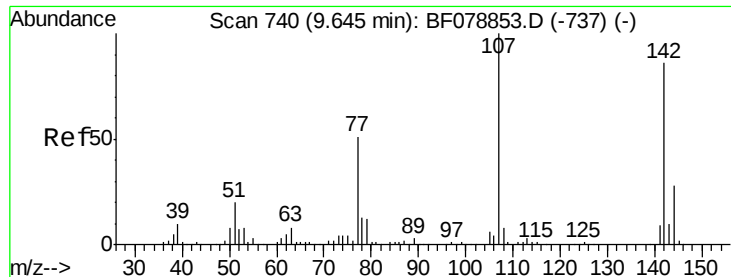
#35
Caprolactam
Concen: 41.21 ng
RT: 9.31 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion: 113 Resp: 42924
Ion Ratio Lower Upper
113 100
55 158.7 176.0 216.0#
56 119.4 123.8 163.8#



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

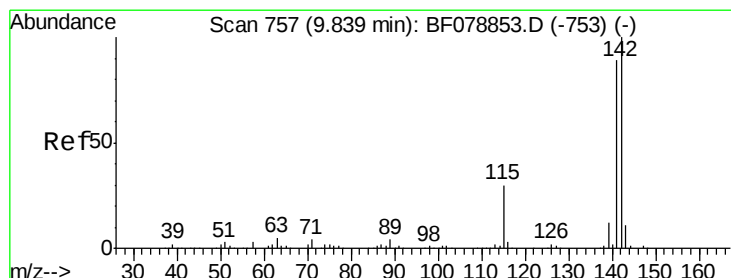
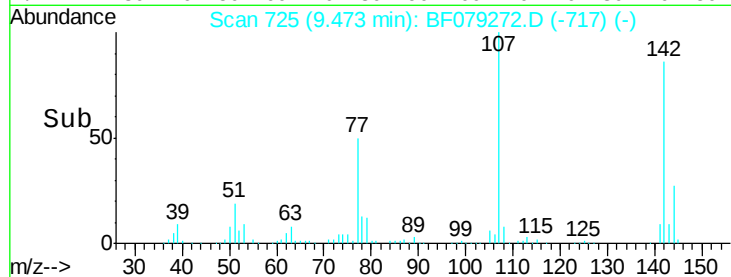
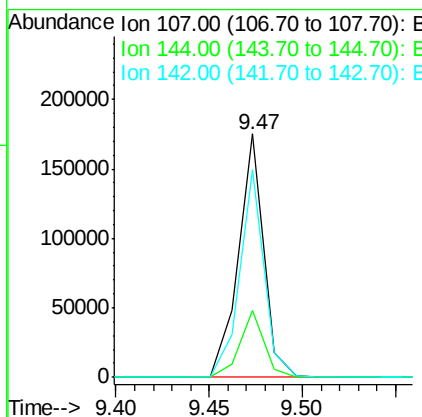
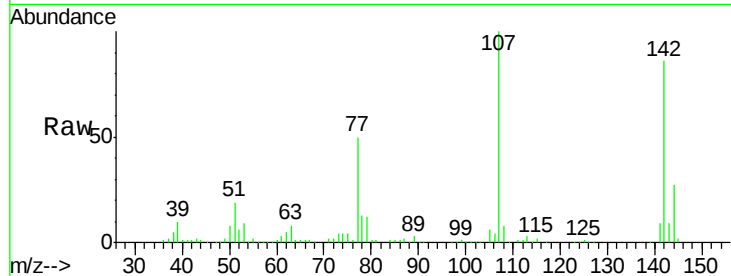




#36
 4-Chloro-3-methylphenol
 Concen: 49.51 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

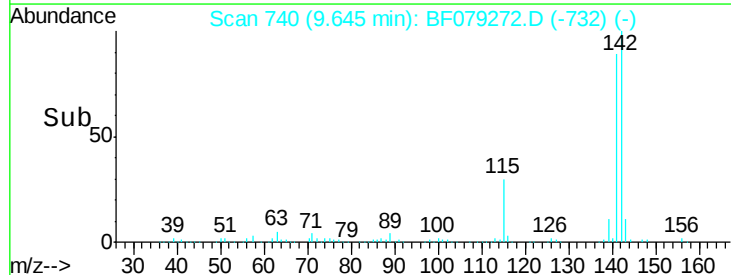
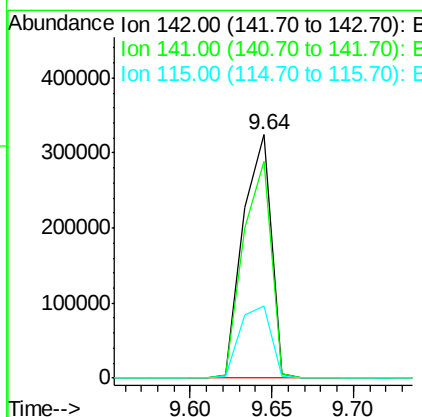
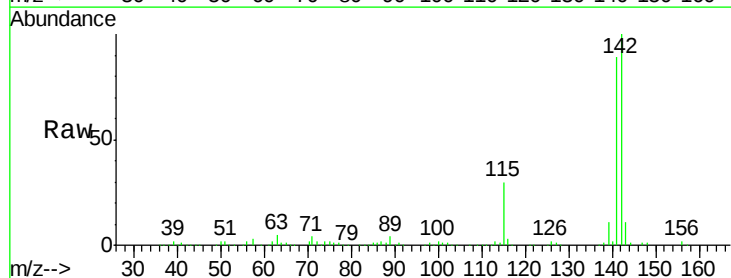
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

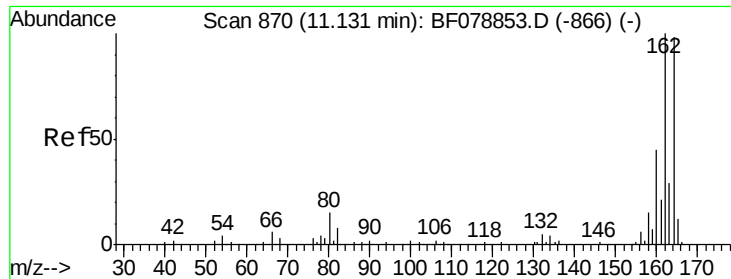
Tgt Ion:107 Resp: 167479
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.5 33.7
 142 85.5 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 46.07 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:142 Resp: 385672
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.6 107.4
 115 29.7 24.2 36.4

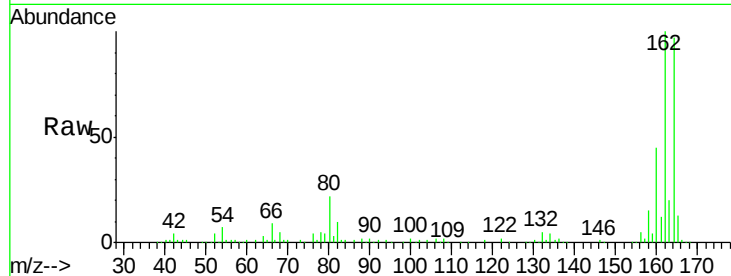




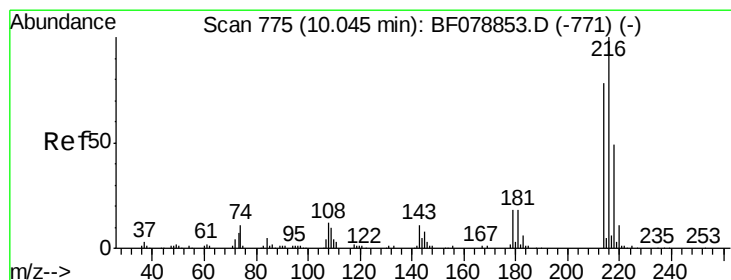
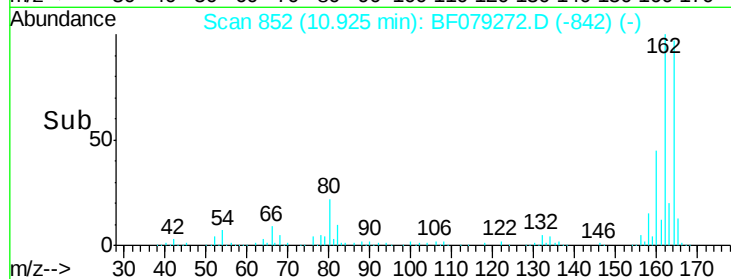
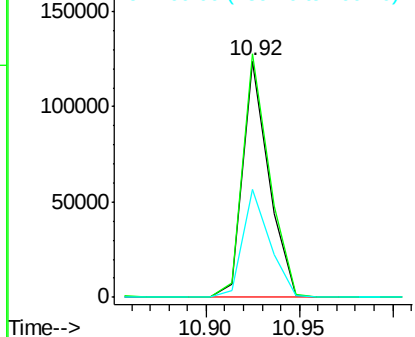
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion:164 Resp: 120256
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.4 122.0
 160 45.9 36.6 54.8

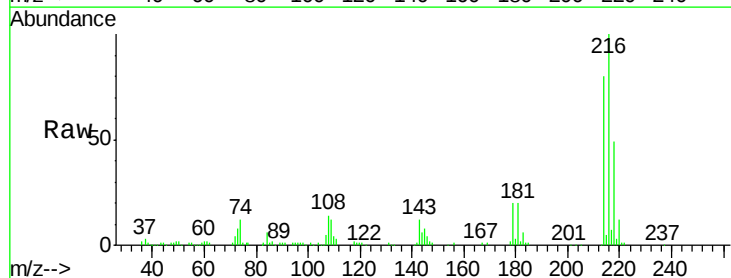


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

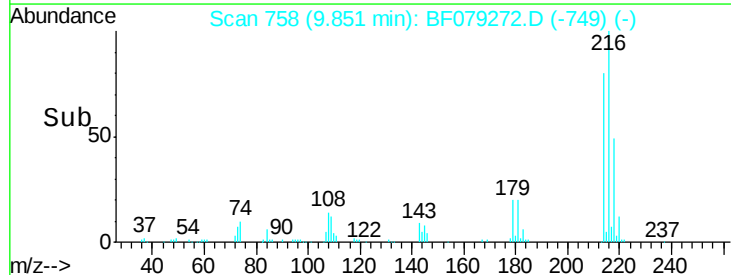
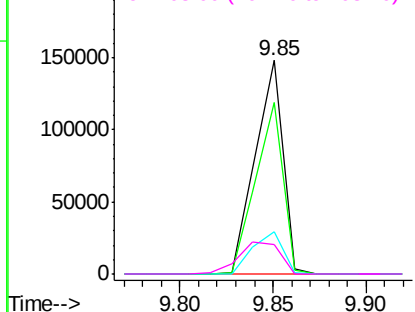


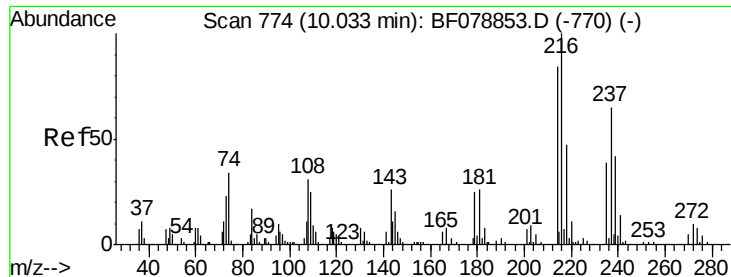
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.71 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:216 Resp: 154803
 Ion Ratio Lower Upper
 216 100
 214 79.5 64.0 96.0
 179 21.7 17.0 25.4
 108 22.6 17.0 25.6



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

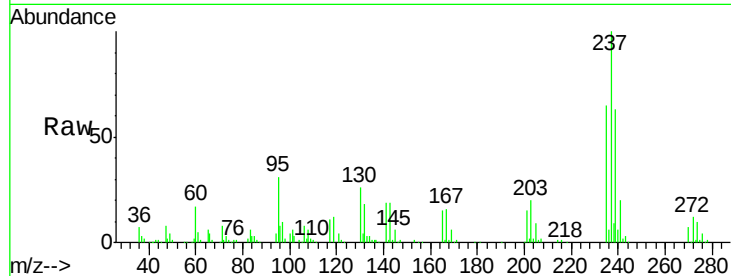




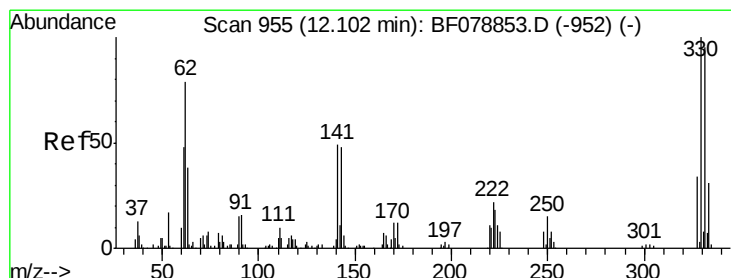
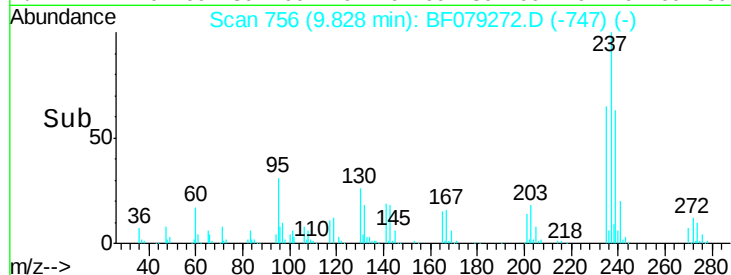
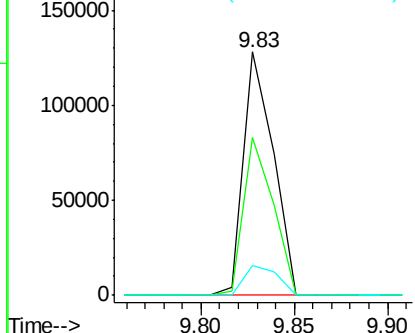
#40
Hexachlorocyclopentadiene
Concen: 83.33 ng
RT: 9.83 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion:237 Resp: 141911
Ion Ratio Lower Upper
237 100
235 64.9 40.0 80.0
272 12.5 0.0 36.0

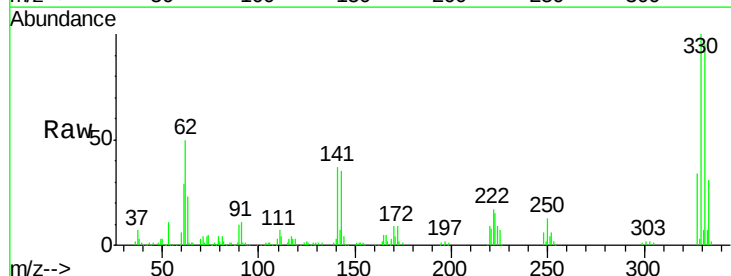


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

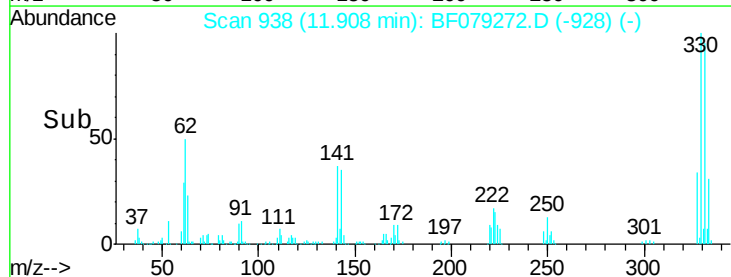
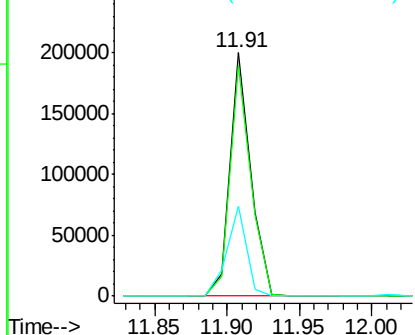


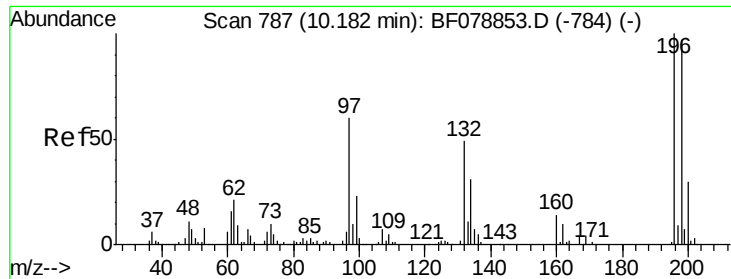
#41
2,4,6-Tribromophenol
Concen: 153.00 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:330 Resp: 199047
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 35.0 27.8 41.8



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

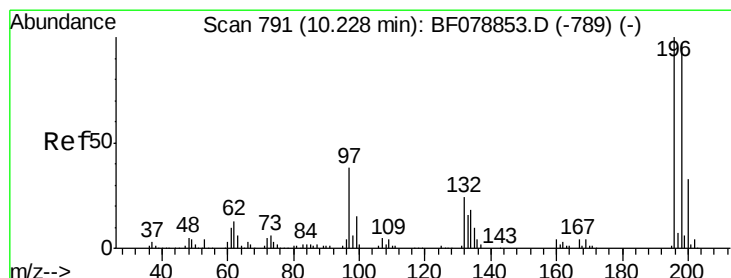
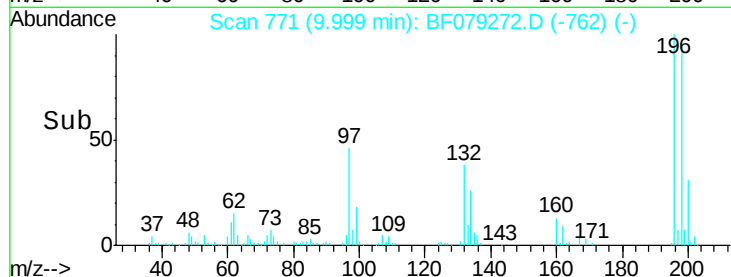
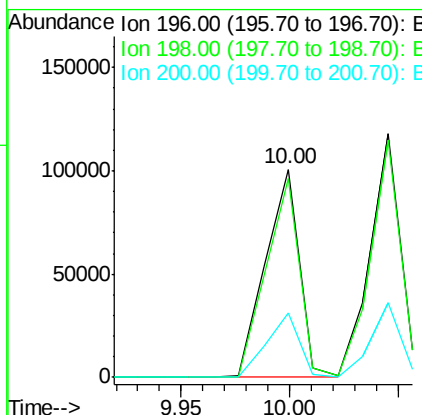
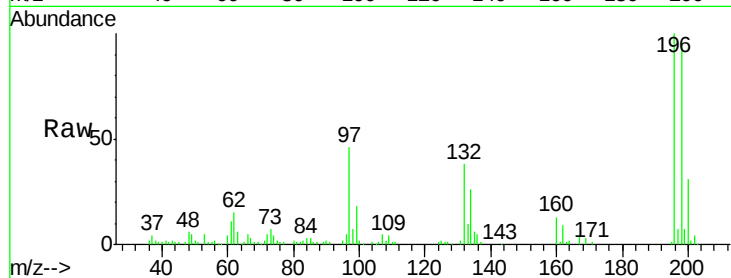




#42
 2,4,6-Trichlorophenol
 Concen: 47.19 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

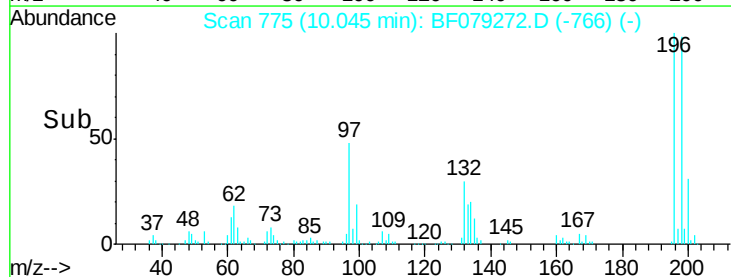
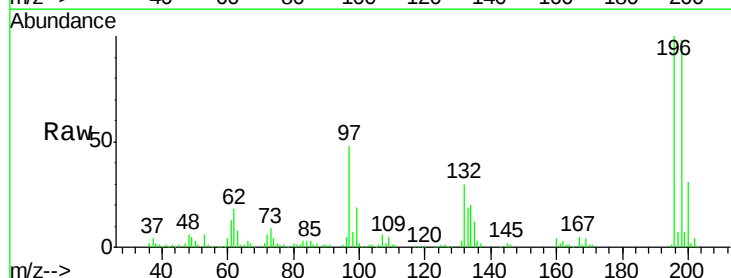
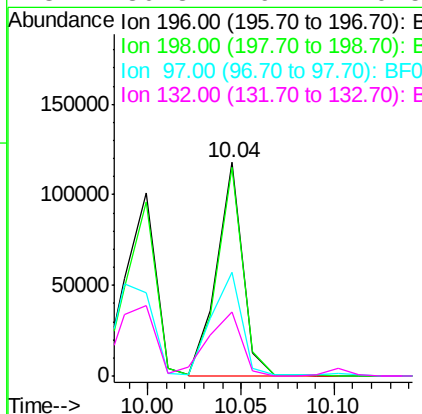
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

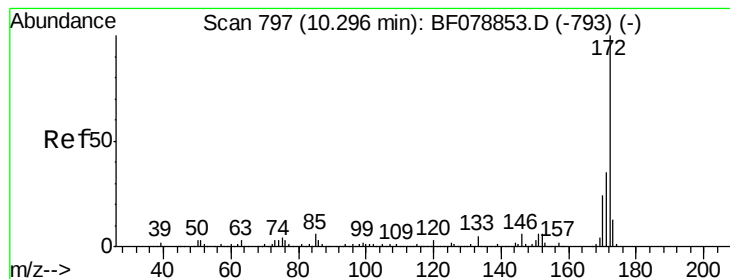
Tgt Ion:196 Resp: 109886
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.4 116.2
 200 31.2 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 49.16 ng
 RT: 10.04 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:196 Resp: 115716
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.3 115.9
 97 48.3 31.3 46.9#
 132 30.3 19.7 29.5#





#44

2-Fluorobiphenyl

Concen: 86.80 ng

RT: 10.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

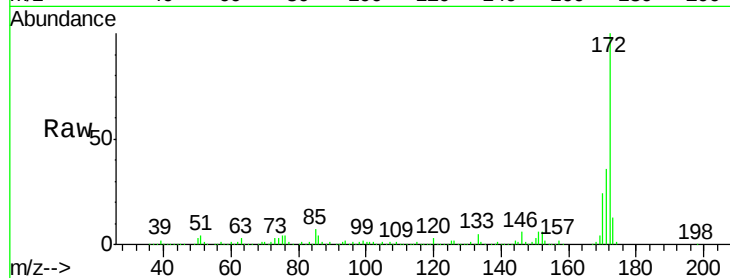
Tgt Ion:172 Resp: 749207

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

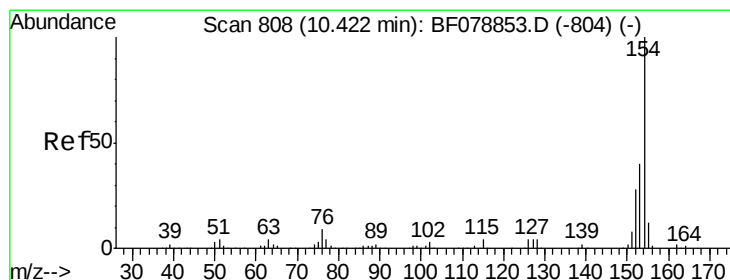
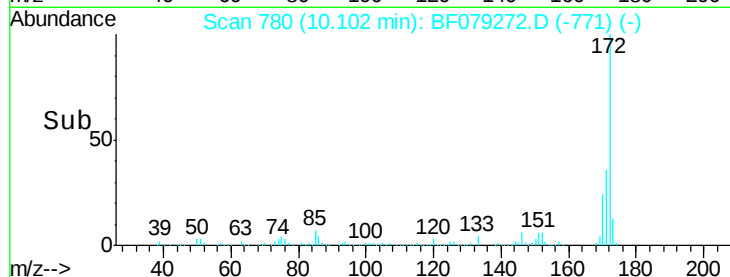
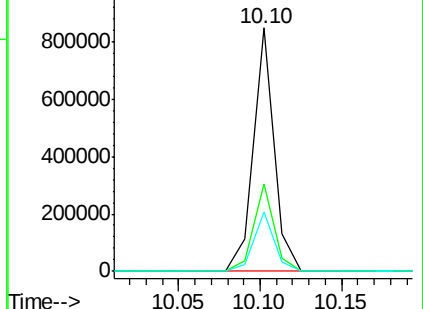
170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 47.16 ng

RT: 10.23 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

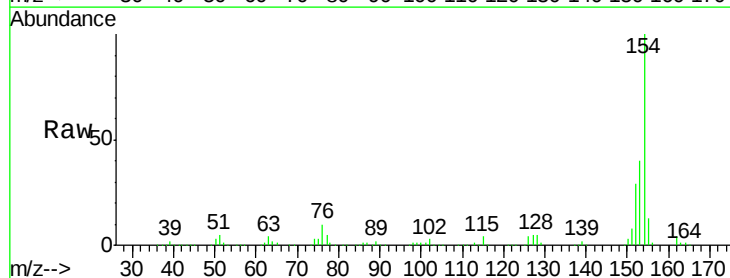
Tgt Ion:154 Resp: 450822

Ion Ratio Lower Upper

154 100

153 40.2 19.7 59.7

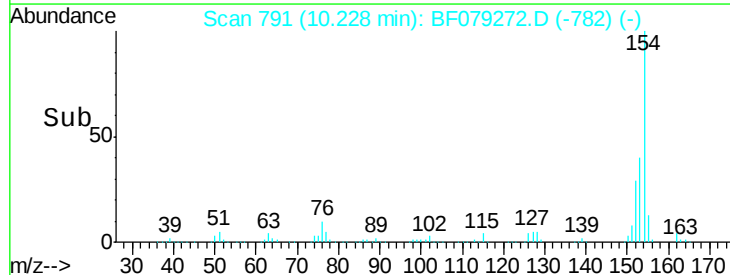
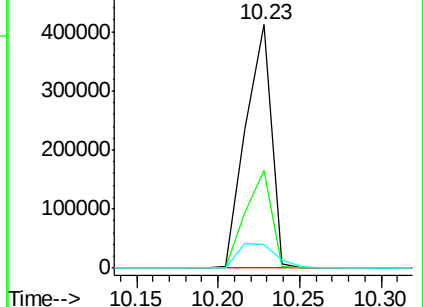
76 9.8 0.0 29.1

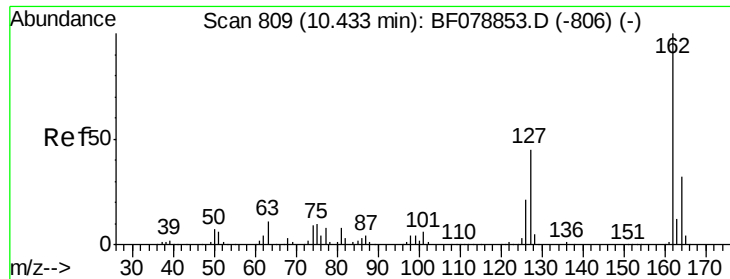


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

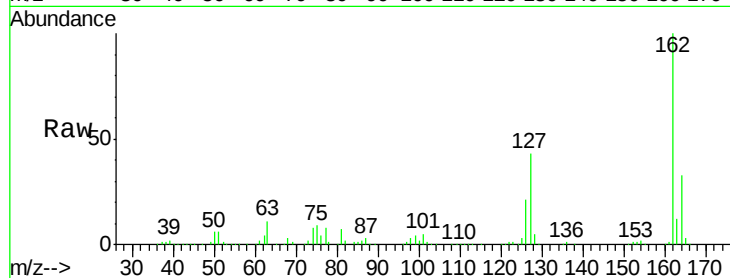




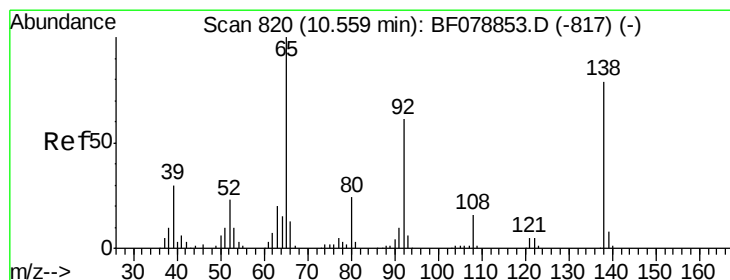
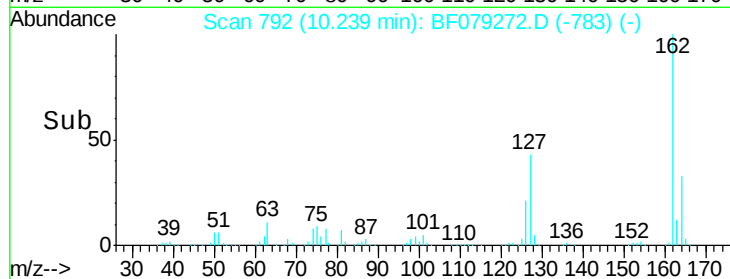
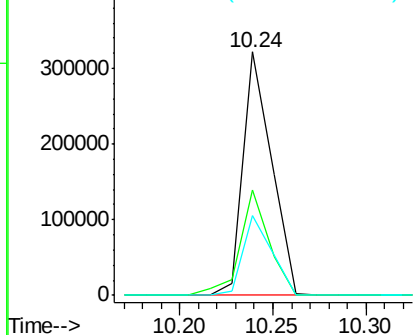
#46
2-Chloronaphthalene
Concen: 45.86 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion: 162 Resp: 341949
Ion Ratio Lower Upper
162 100
127 43.1 36.3 54.5
164 32.8 25.9 38.9

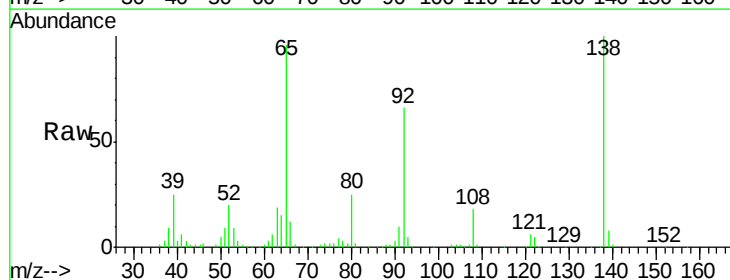


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

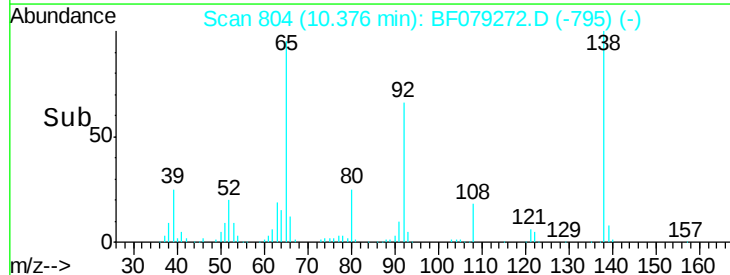
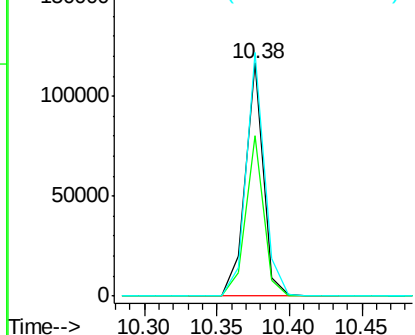


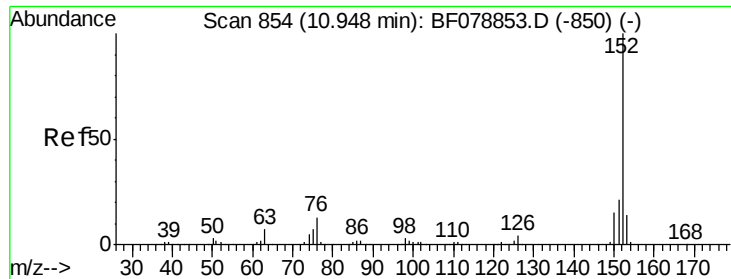
#47
2-Nitroaniline
Concen: 46.75 ng
RT: 10.38 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion: 65 Resp: 101013
Ion Ratio Lower Upper
65 100
92 69.0 49.1 73.7
138 104.6 63.2 94.8#



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





#48

Acenaphthylene

Concen: 47.10 ng

RT: 10.75 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

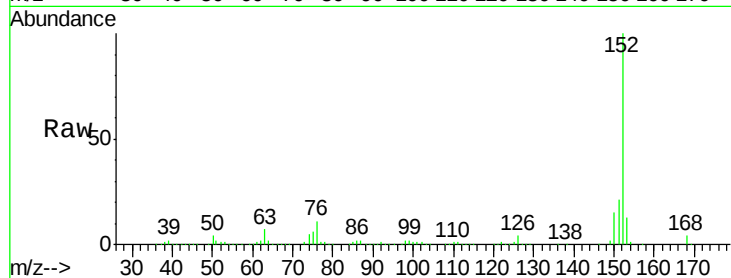
Tgt Ion:152 Resp: 576643

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

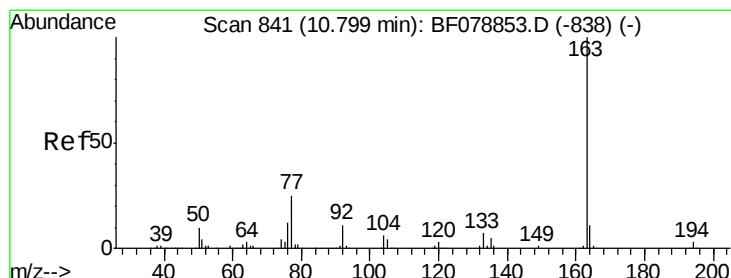
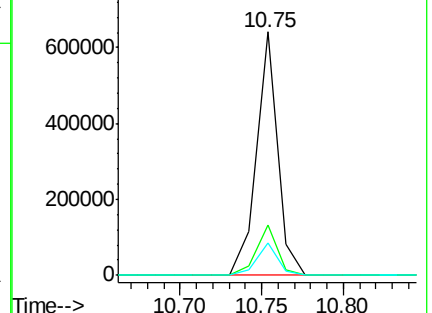
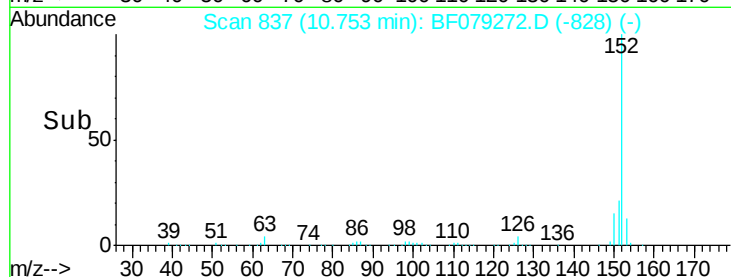
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.13 ng

RT: 10.62 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

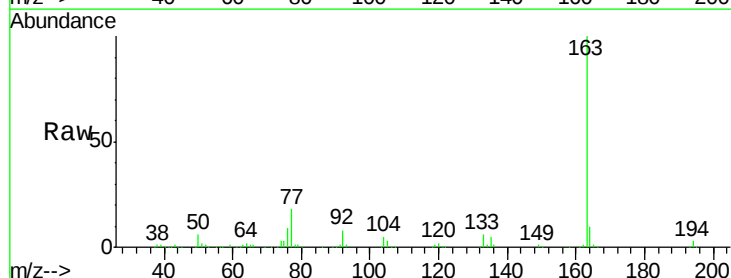
Tgt Ion:163 Resp: 415995

Ion Ratio Lower Upper

163 100

194 3.4 2.4 3.6

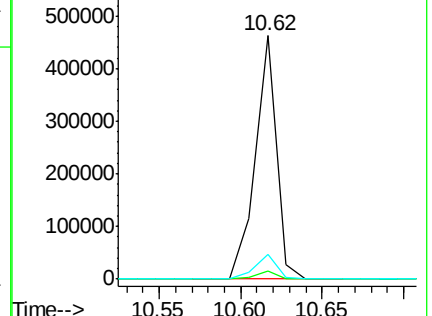
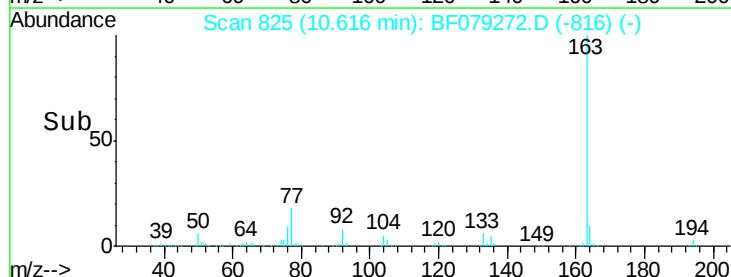
164 10.2 8.6 12.8

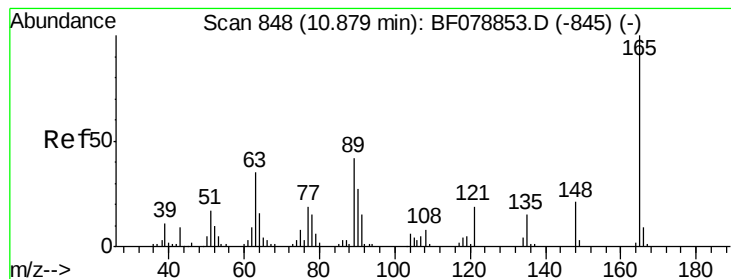


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 48.37 ng

RT: 10.68 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

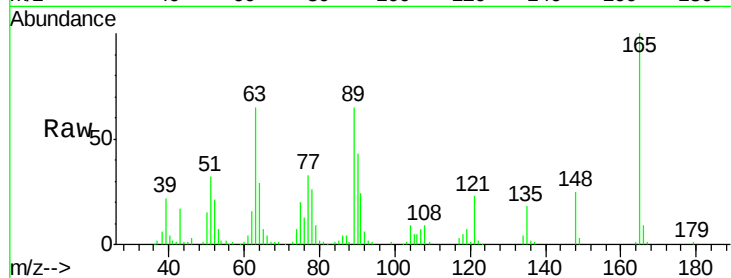
Tgt Ion:165 Resp: 84242

Ion Ratio Lower Upper

165 100

63 65.0 29.2 43.8#

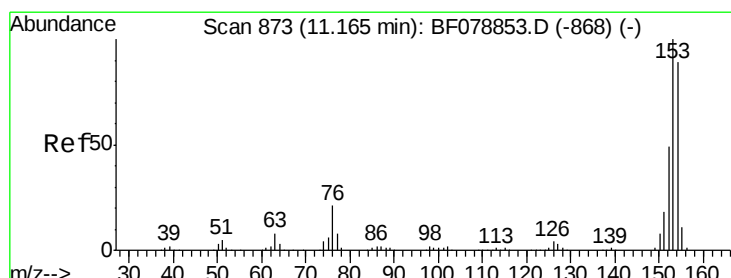
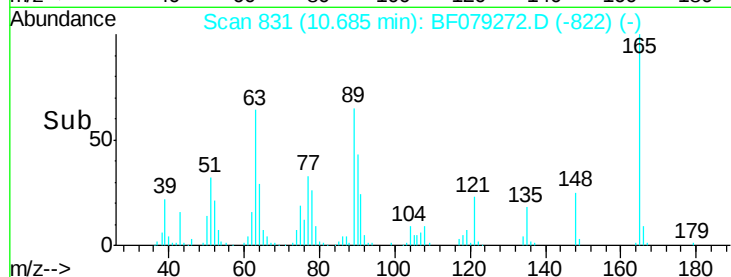
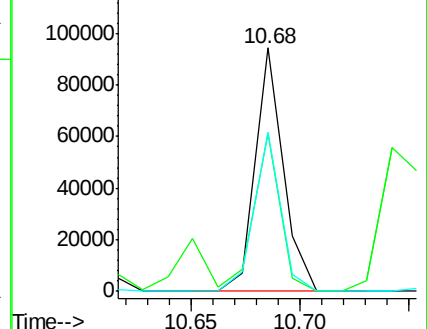
89 65.4 33.3 49.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 46.57 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

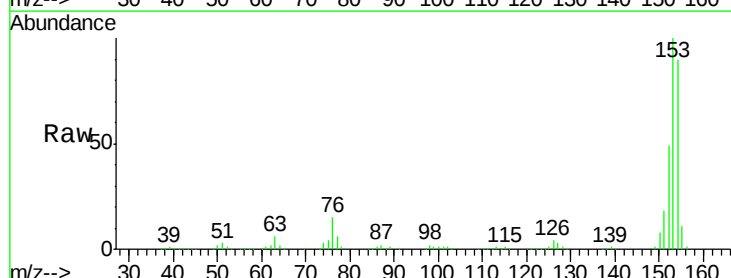
Tgt Ion:154 Resp: 340064

Ion Ratio Lower Upper

154 100

153 111.2 90.2 135.2

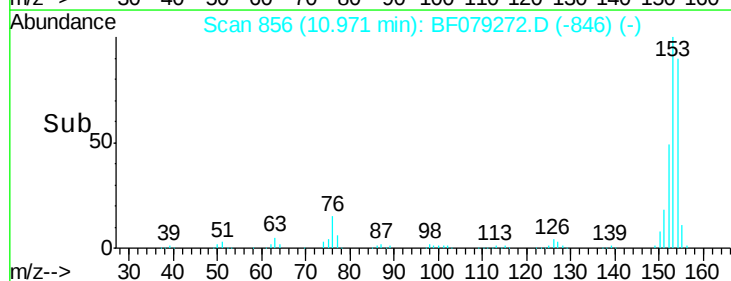
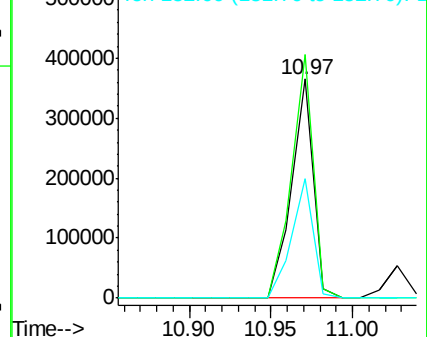
152 54.5 43.8 65.8

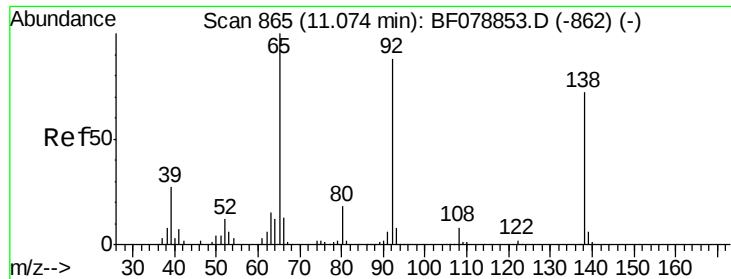


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

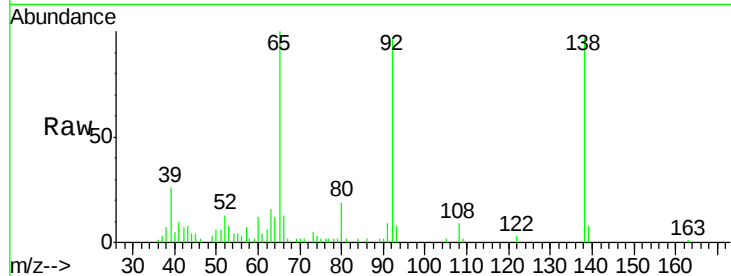




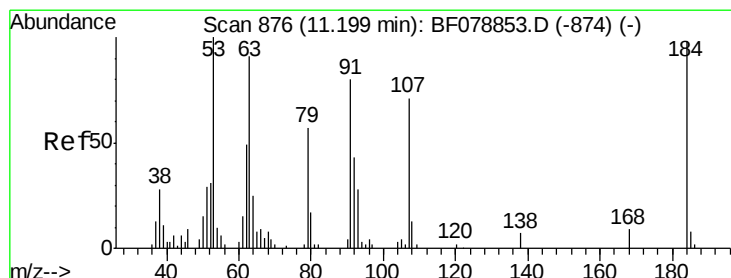
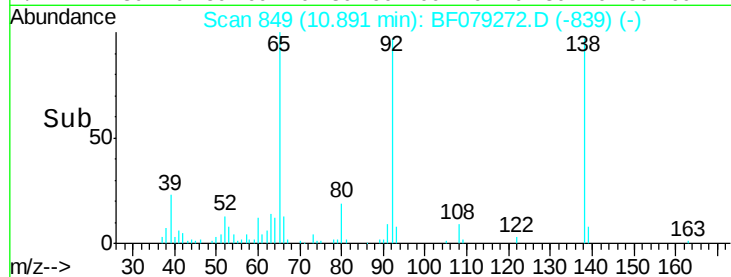
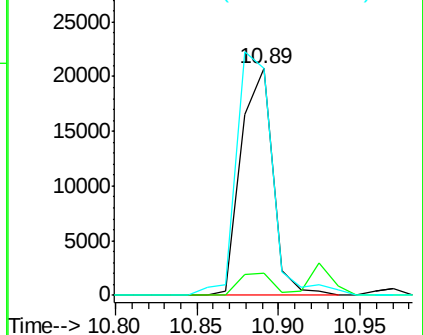
#52
 3-Nitroaniline
 Concen: 12.87 ng
 RT: 10.89 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion:138 Resp: 27992
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.5 12.7
 92 100.0 97.4 146.0

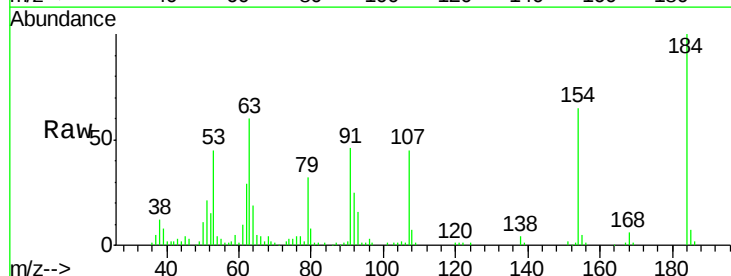


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

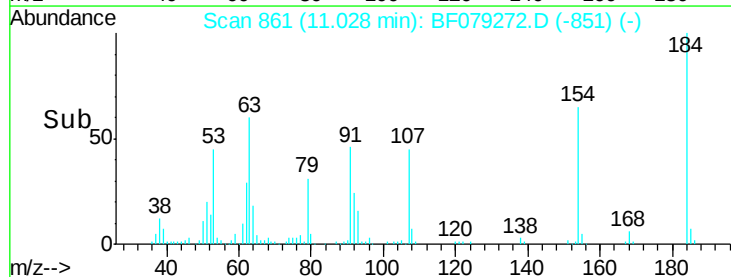
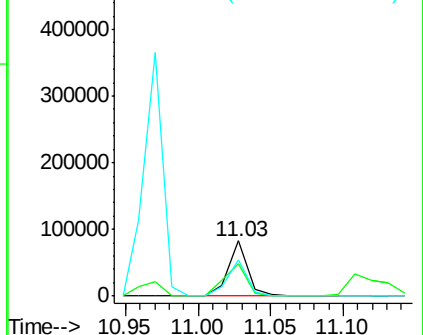


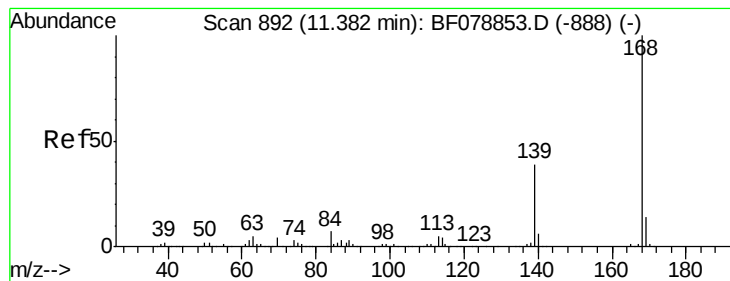
#53
 2,4-Dinitrophenol
 Concen: 94.30 ng
 RT: 11.03 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:184 Resp: 78544
 Ion Ratio Lower Upper
 184 100
 63 59.5 98.8 148.2#
 154 65.4 63.4 95.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 49.15 ng

RT: 11.19 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

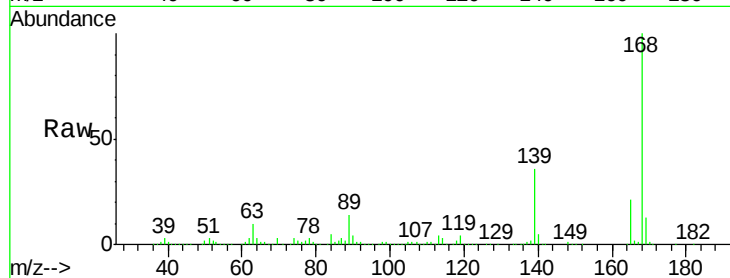
Tgt Ion:168 Resp: 518378

Ion Ratio Lower Upper

168 100

139 35.9 31.5 47.3

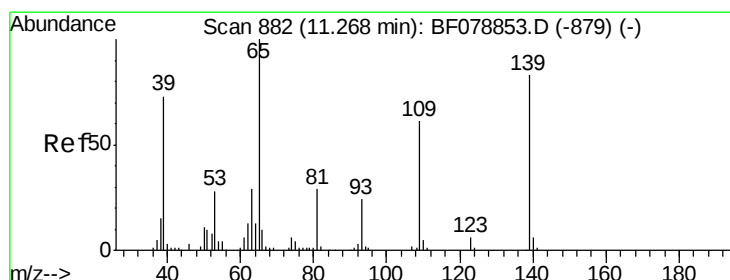
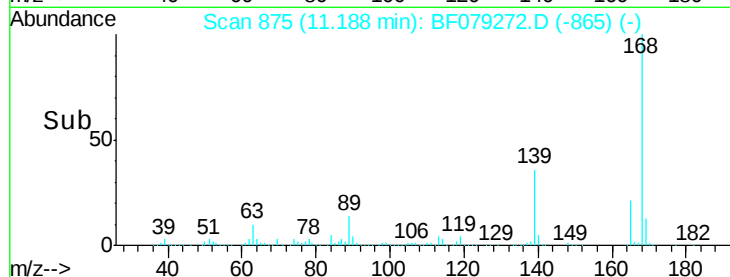
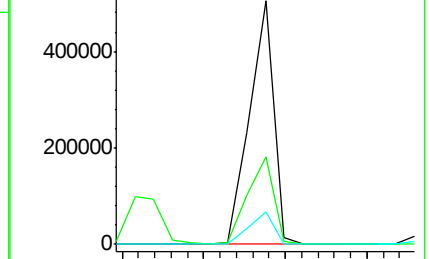
169 13.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 83.62 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

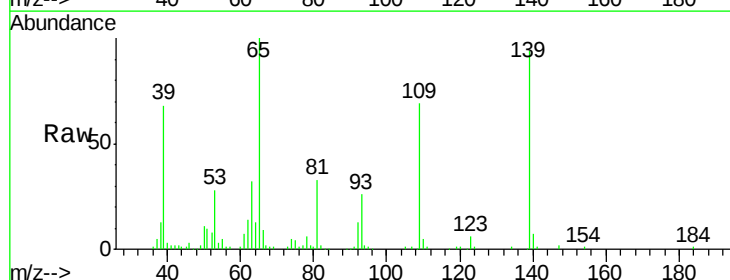
Tgt Ion:139 Resp: 144006

Ion Ratio Lower Upper

139 100

109 73.4 54.4 94.4

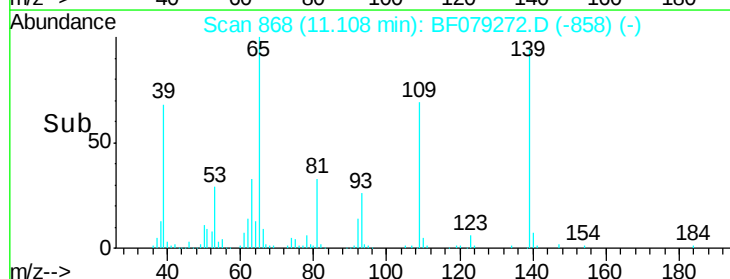
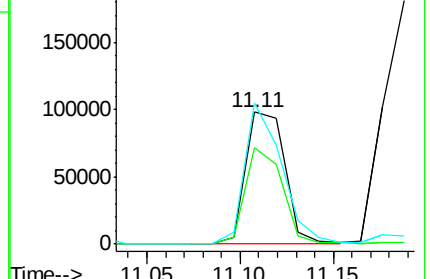
65 106.8 101.0 141.0

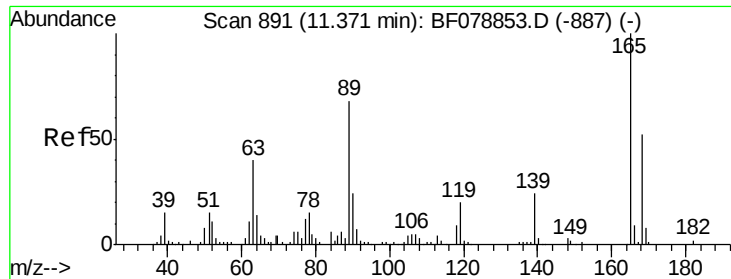


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

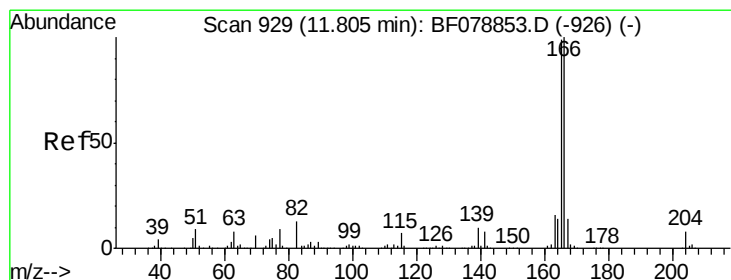
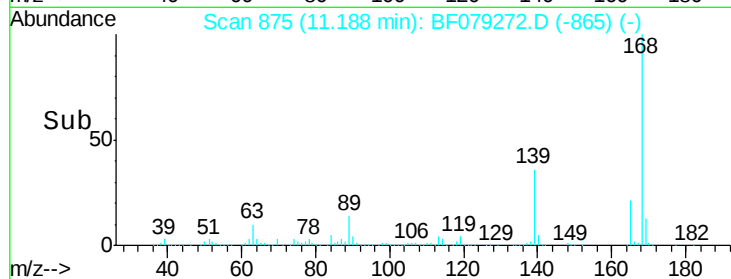
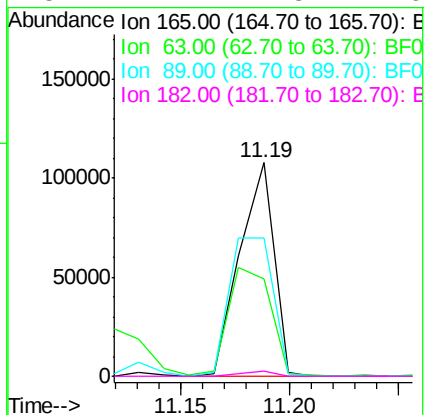
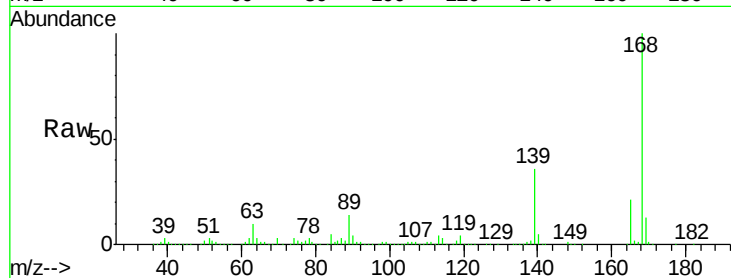




#56
2,4-Dinitrotoluene
Concen: 51.05 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

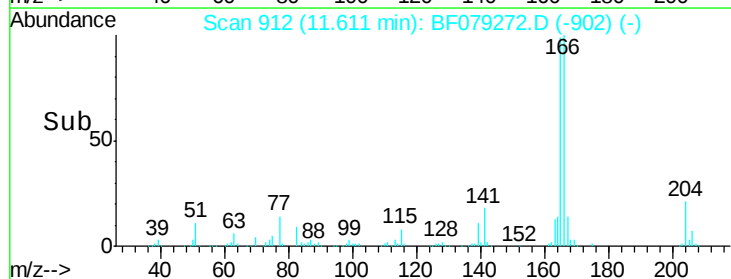
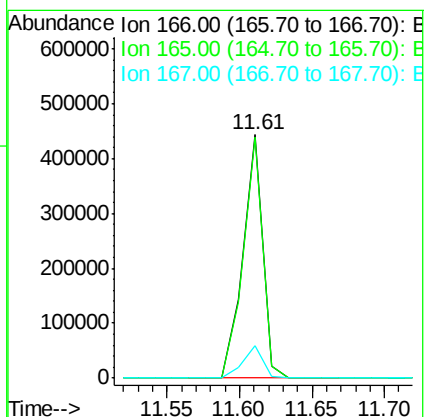
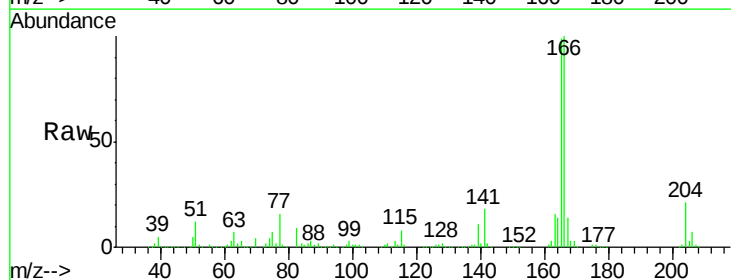
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

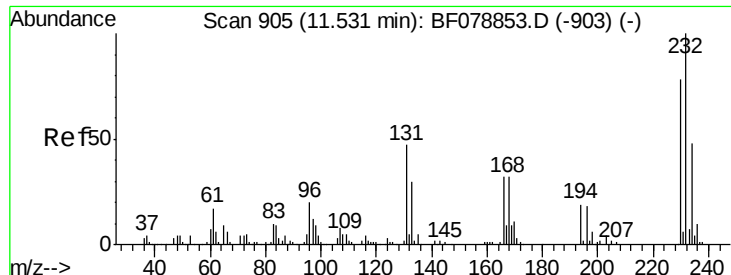
Tgt Ion:	165	Resp:	117561
Ion	Ratio	Lower	Upper
165	100		
63	45.5	32.3	48.5
89	64.8	54.6	81.8
182	2.1	1.8	2.6



#57
Fluorene
Concen: 48.42 ng
RT: 11.61 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:	166	Resp:	419167
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.5	119.3
167	13.5	11.0	16.6

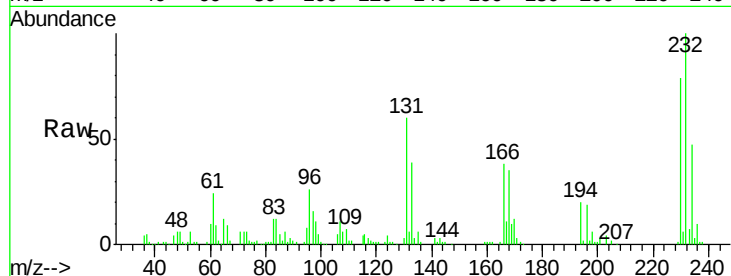




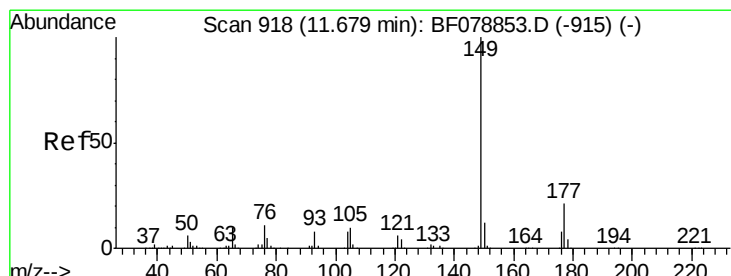
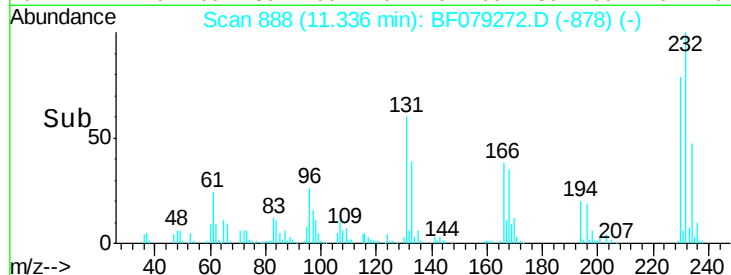
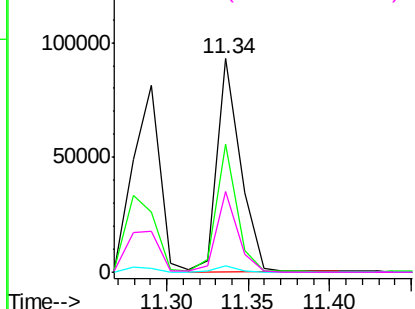
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.09 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion: 232 Resp: 92514
 Ion Ratio Lower Upper
 232 100
 131 54.4 41.9 62.9
 130 2.9 1.9 2.9#
 166 34.6 27.0 40.6

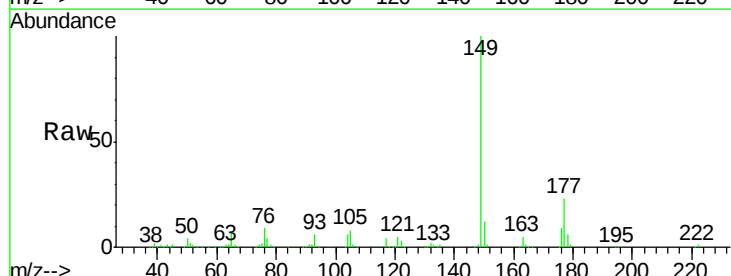


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

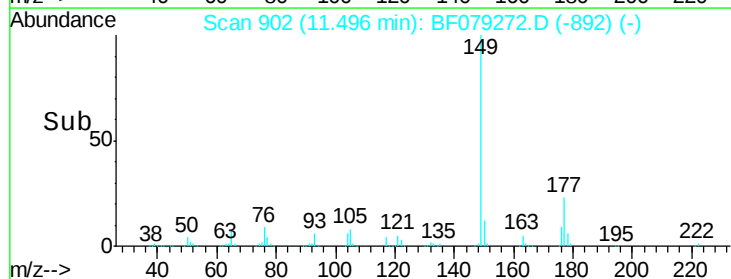
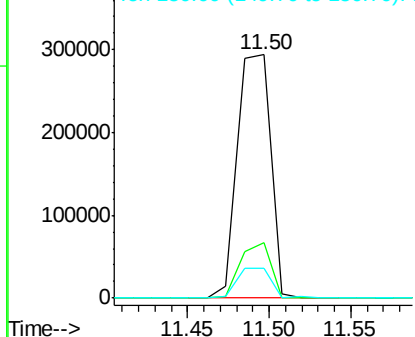


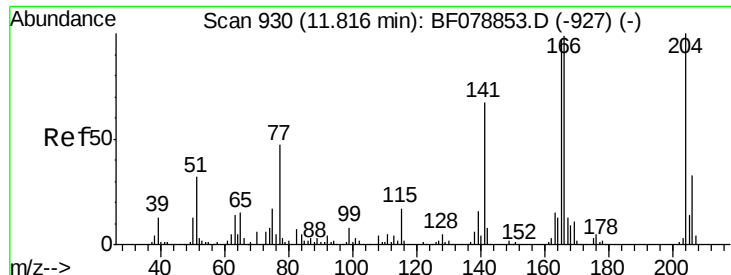
#59
 Diethylphthalate
 Concen: 47.31 ng
 RT: 11.50 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion: 149 Resp: 413699
 Ion Ratio Lower Upper
 149 100
 177 23.0 16.4 24.6
 150 12.1 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

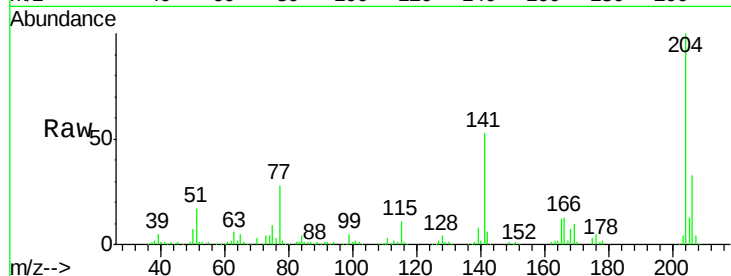




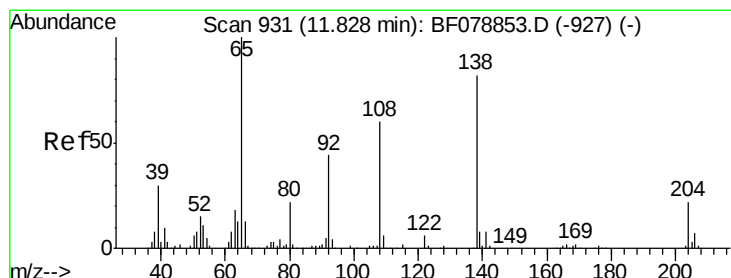
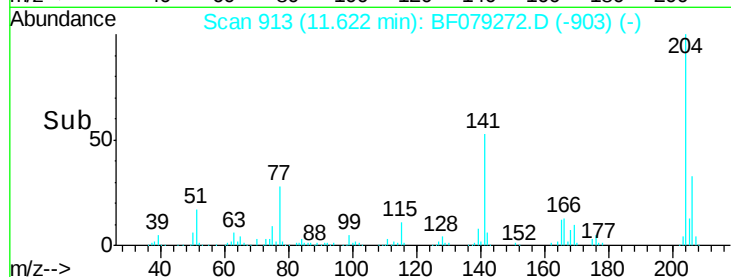
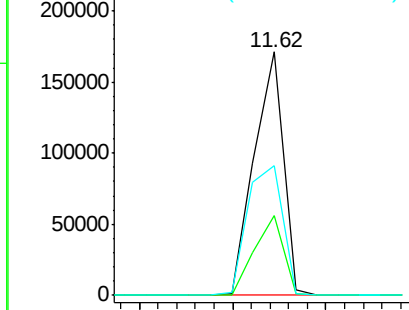
#60
 4-Chlorophenyl-phenylether
 Concen: 48.07 ng
 RT: 11.62 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion:204 Resp: 184587
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.4
 141 53.4 53.6 80.4#

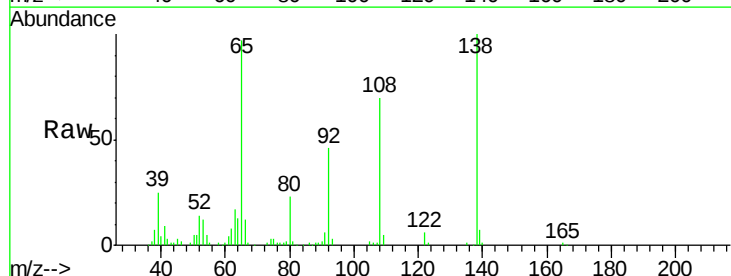


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

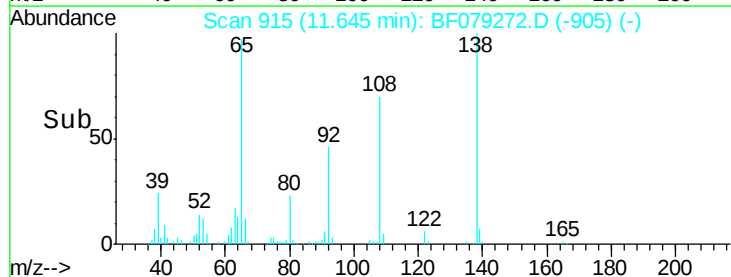
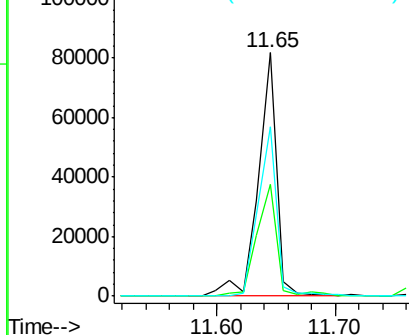


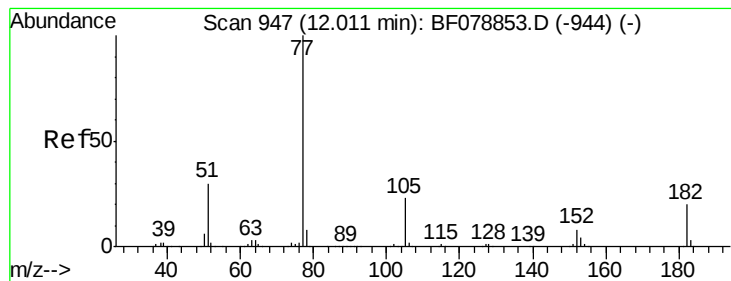
#61
 4-Nitroaniline
 Concen: 40.71 ng
 RT: 11.65 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:138 Resp: 88605
 Ion Ratio Lower Upper
 138 100
 92 46.0 33.7 73.7
 108 69.8 53.4 93.4



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





#62

Azobenzene

Concen: 48.56 ng

RT: 11.82 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

Tgt Ion: 77 Resp: 418391

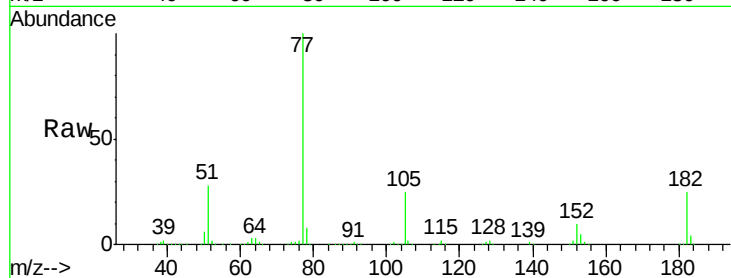
Ion Ratio Lower Upper

77 100

182 25.1 0.0 40.0

105 24.8 2.9 42.9

51 28.0 10.0 50.0

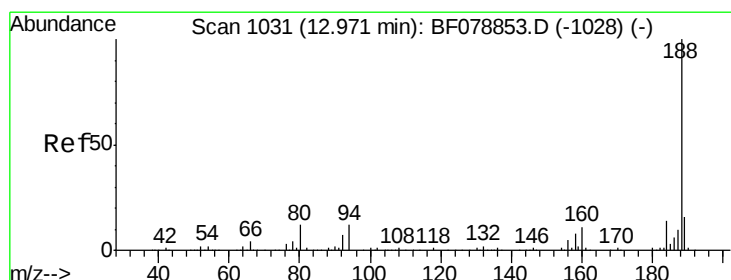
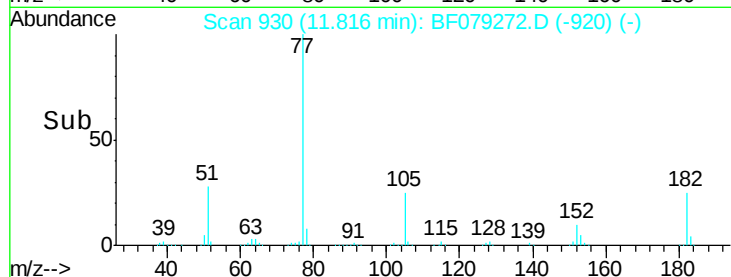
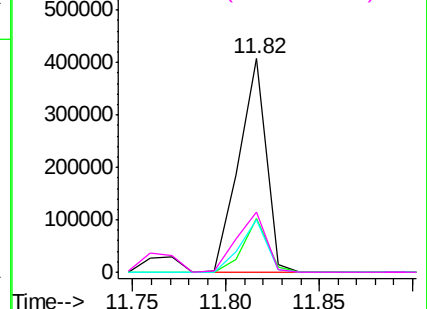


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.77 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

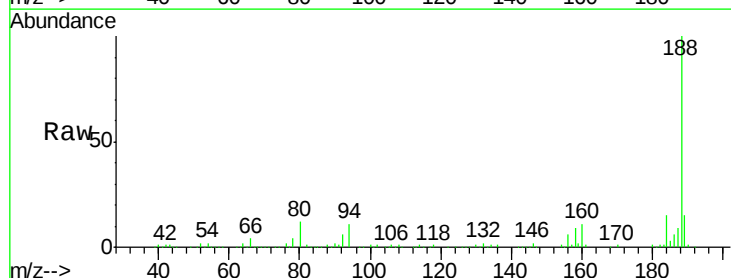
Tgt Ion: 188 Resp: 228886

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

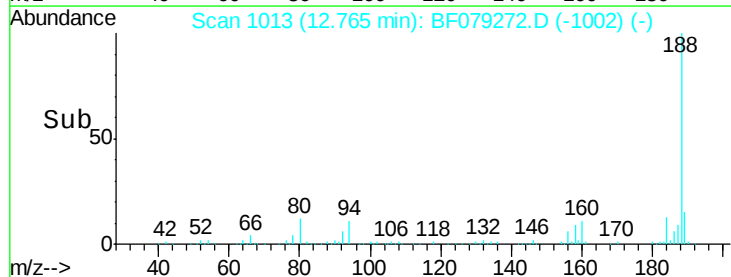
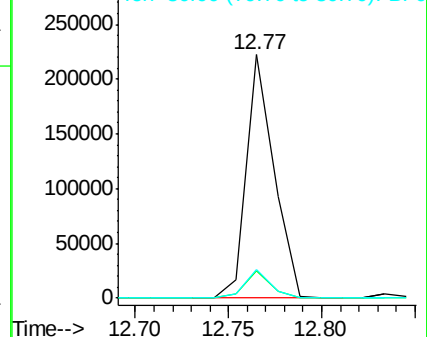
80 11.6 9.8 14.6

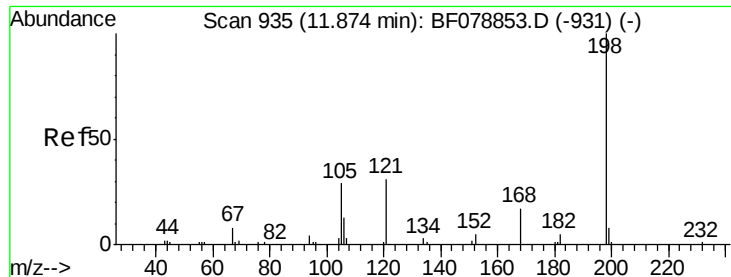


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 53.00 ng

RT: 11.69 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

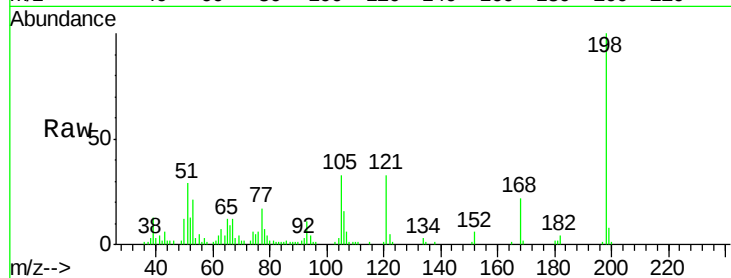
Tgt Ion:198 Resp: 52744

Ion Ratio Lower Upper

198 100

51 28.8 7.0 47.0

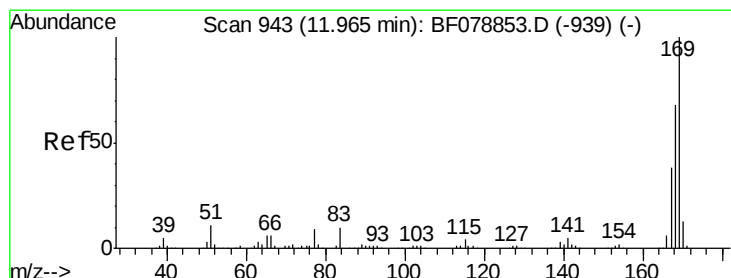
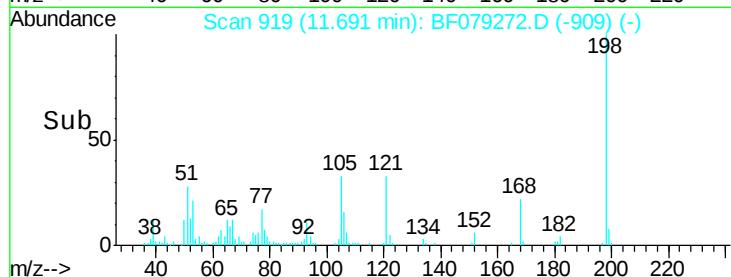
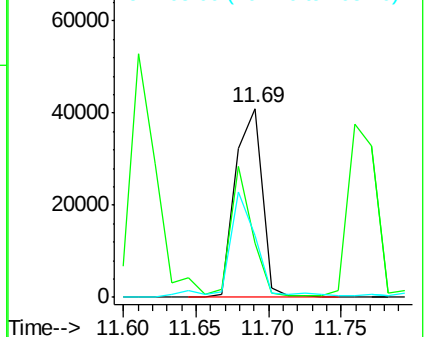
105 32.8 13.7 53.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 46.75 ng

RT: 11.77 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

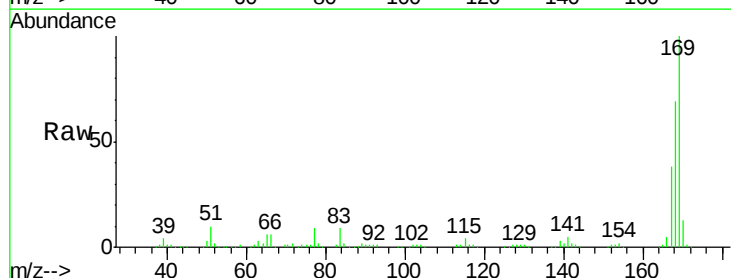
Tgt Ion:169 Resp: 356332

Ion Ratio Lower Upper

169 100

168 68.5 54.1 81.1

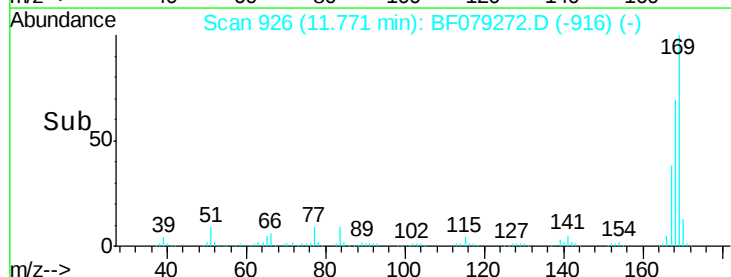
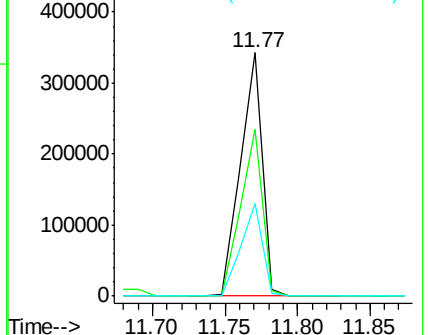
167 38.1 30.1 45.1

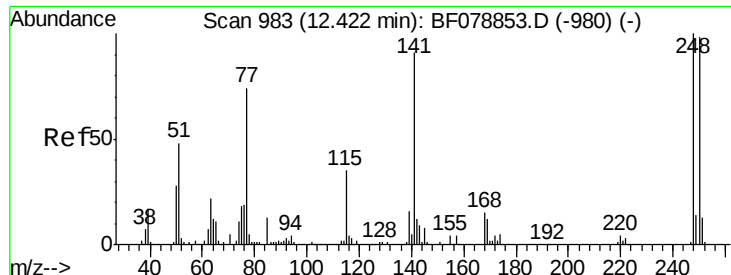


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

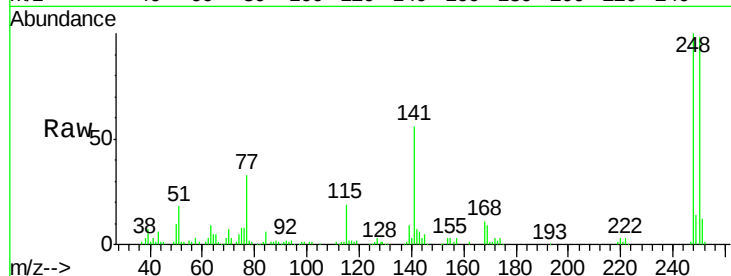




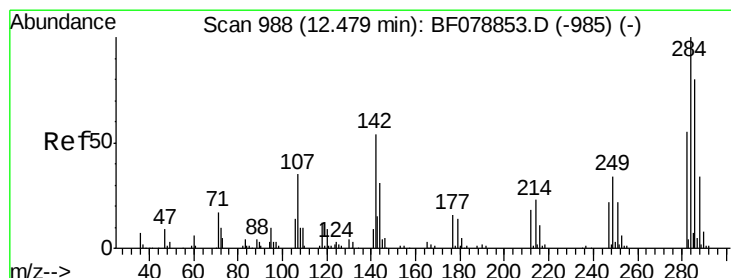
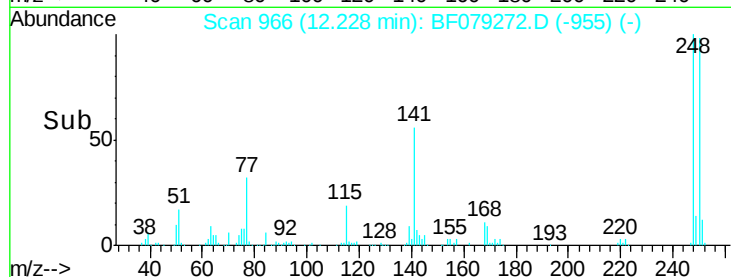
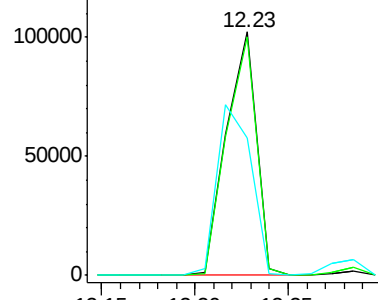
#66
 4-Bromophenyl-phenylether
 Concen: 47.58 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion:248 Resp: 113511
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.0 117.0
 141 56.3 72.6 109.0#

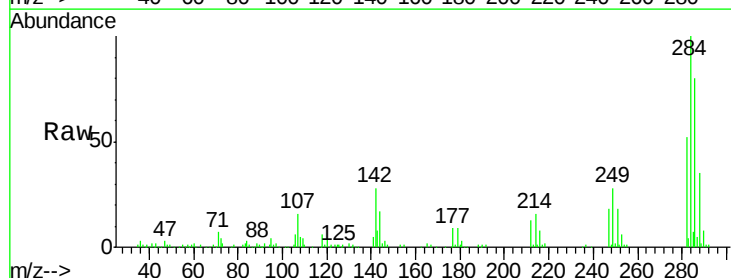


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

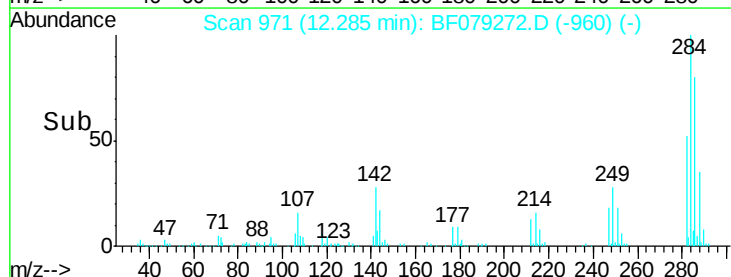
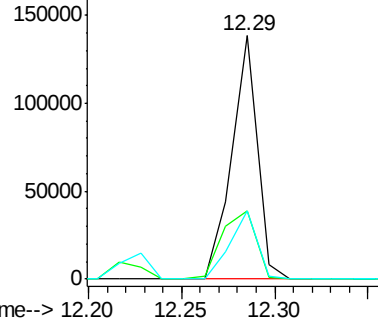


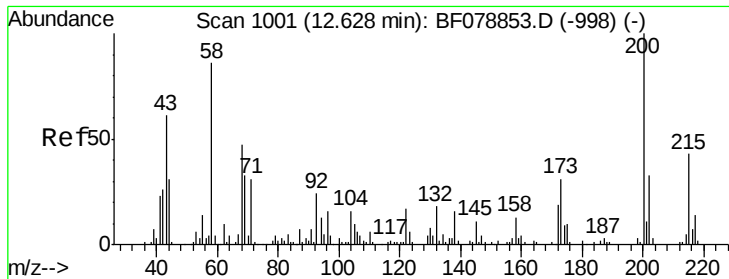
#67
 Hexachlorobenzene
 Concen: 48.01 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:284 Resp: 130921
 Ion Ratio Lower Upper
 284 100
 142 27.8 43.2 64.8#
 249 28.3 27.5 41.3



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

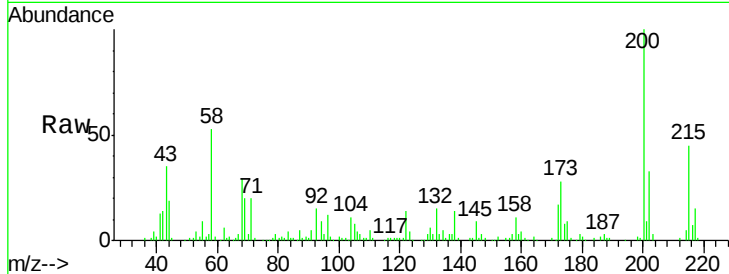




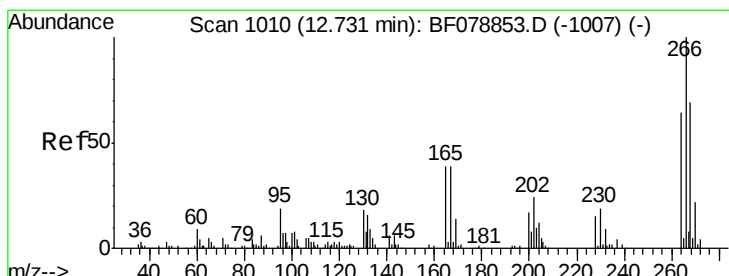
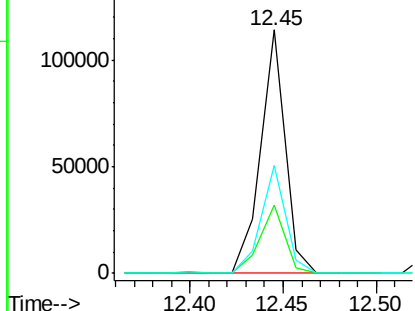
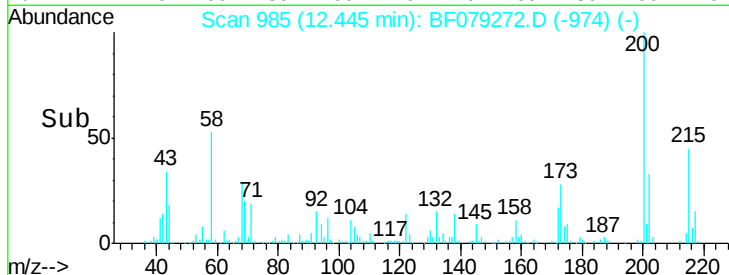
#68
 Atrazine
 Concen: 46.72 ng
 RT: 12.45 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

Tgt Ion:200 Resp: 103571
 Ion Ratio Lower Upper
 200 100
 173 28.1 10.9 50.9
 215 44.6 23.2 63.2

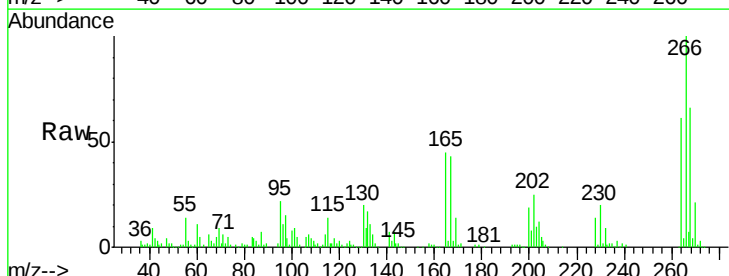


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

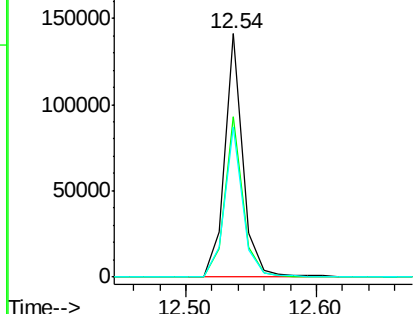
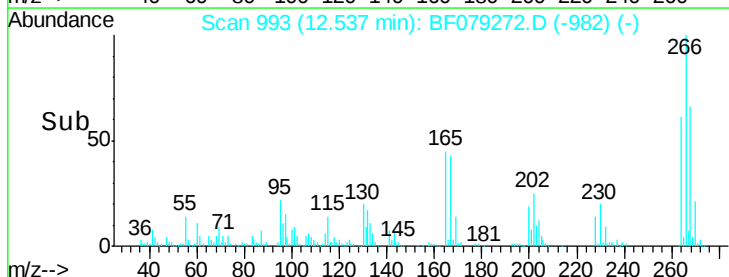


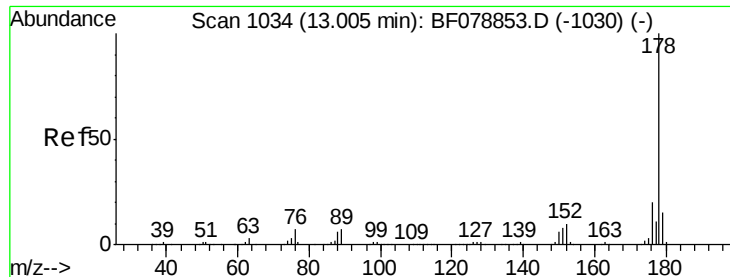
#69
 Pentachlorophenol
 Concen: 86.08 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:266 Resp: 138245
 Ion Ratio Lower Upper
 266 100
 268 65.9 55.0 82.6
 264 61.4 50.9 76.3



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

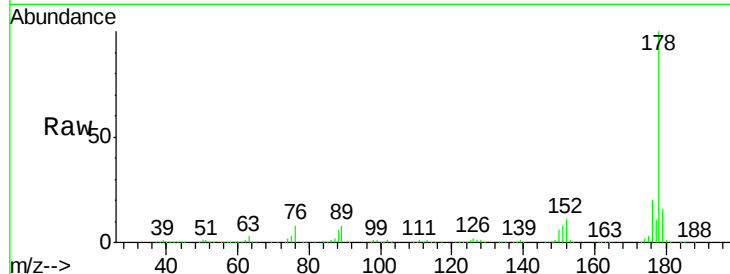




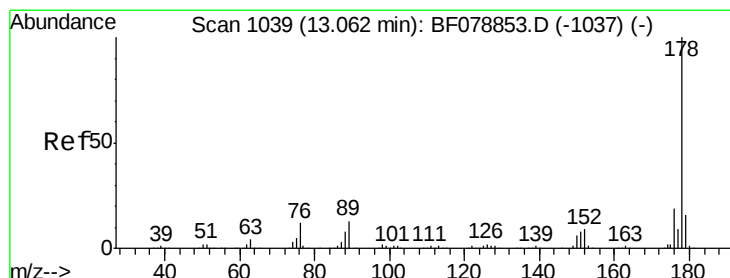
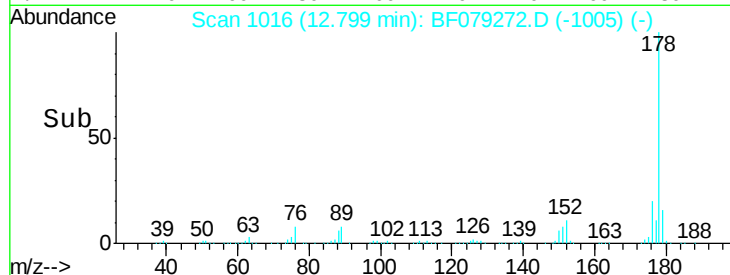
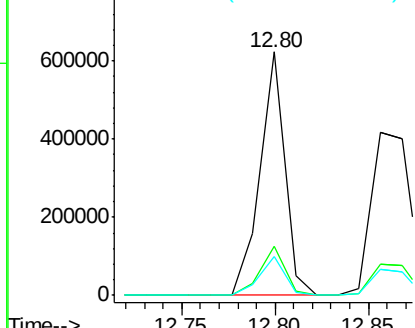
#70
Phenanthrene
Concen: 44.69 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

Tgt Ion:178 Resp: 572195
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.8 12.2 18.4

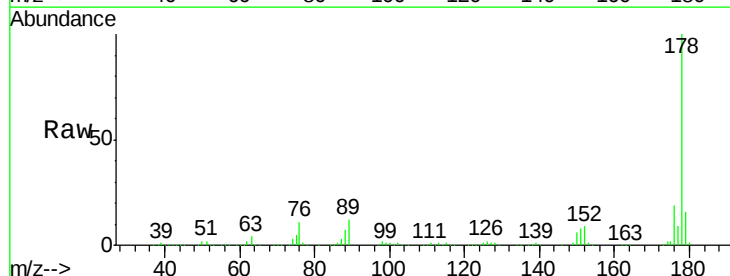


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

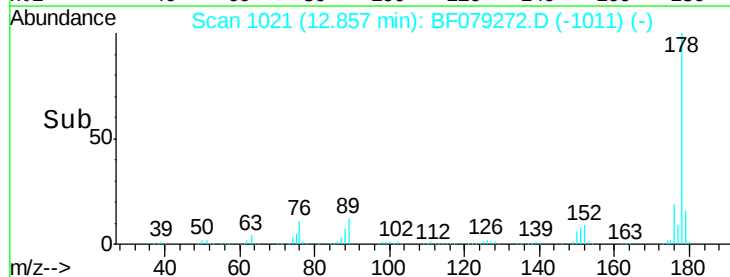
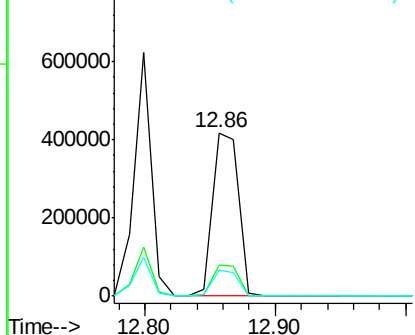


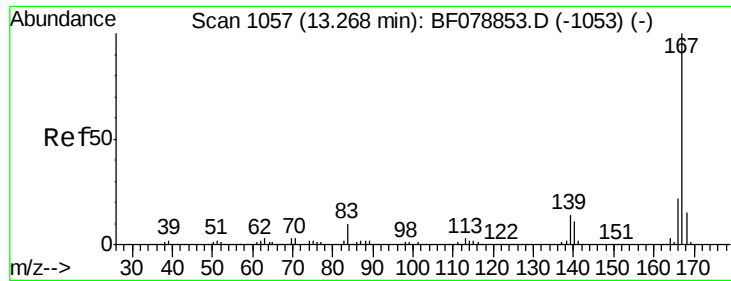
#71
Anthracene
Concen: 46.34 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:178 Resp: 582179
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.6 19.0



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

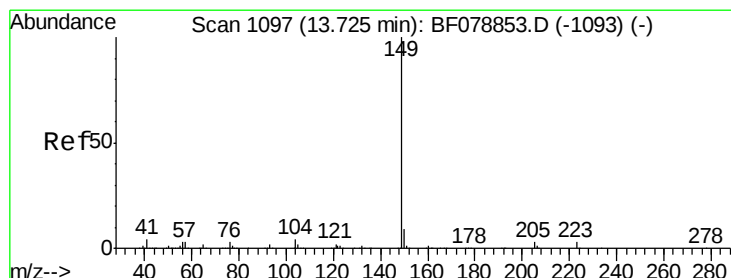
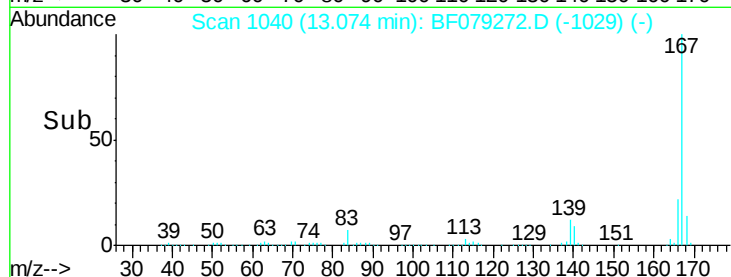
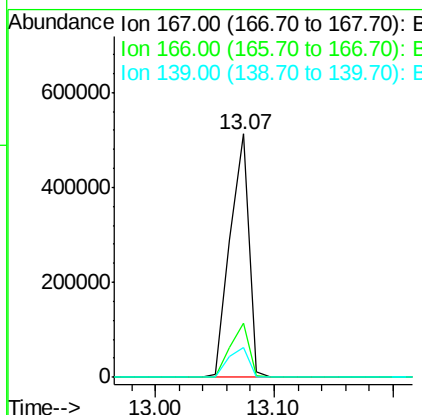
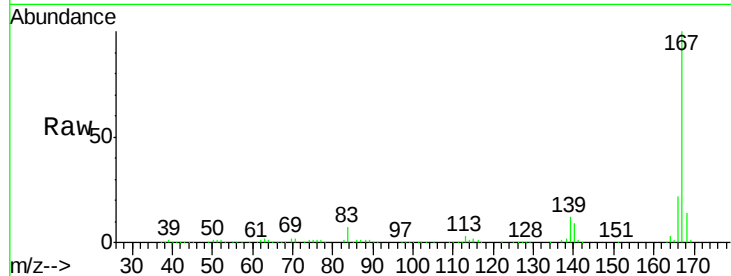




#72
 Carbazole
 Concen: 47.34 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

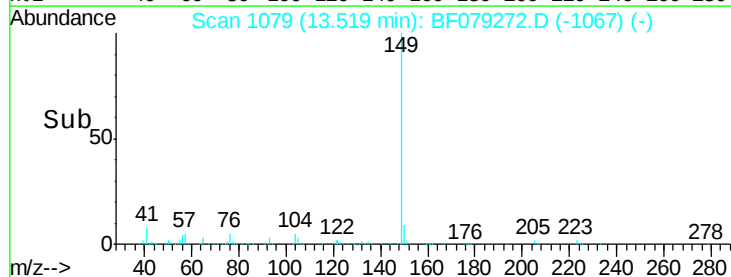
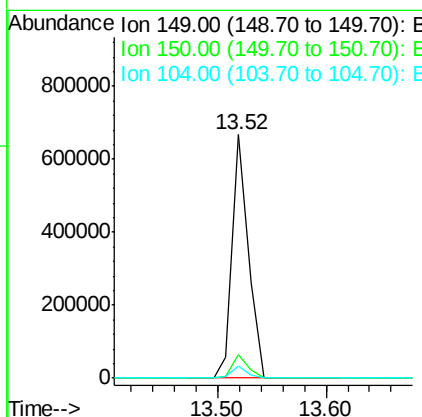
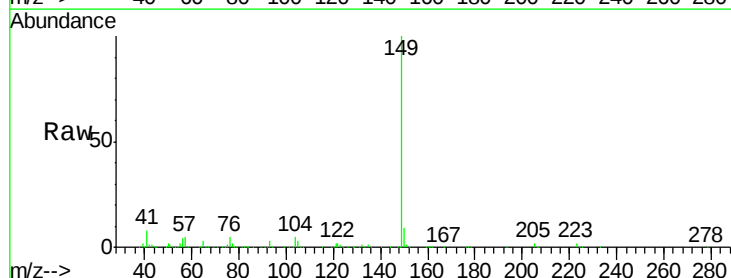
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

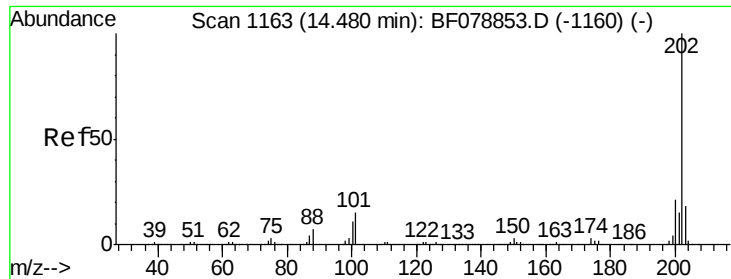
Tgt Ion:167 Resp: 566860
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.3 11.0 16.4



#73
 Di-n-butylphthalate
 Concen: 47.32 ng
 RT: 13.52 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion:149 Resp: 679497
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.4
 104 5.1 3.3 4.9#

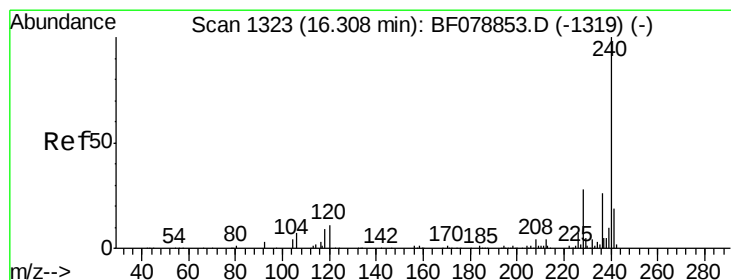
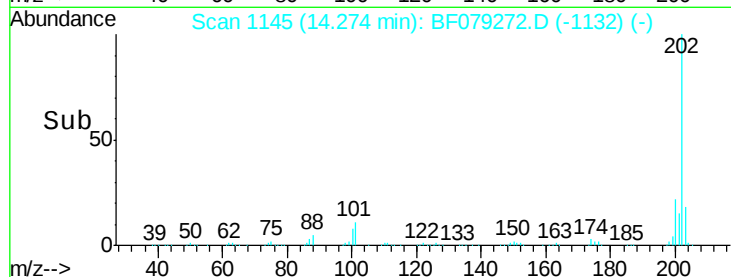
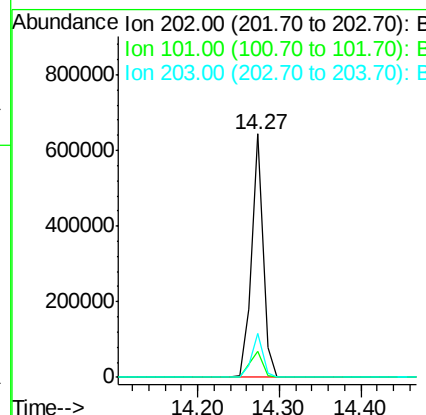
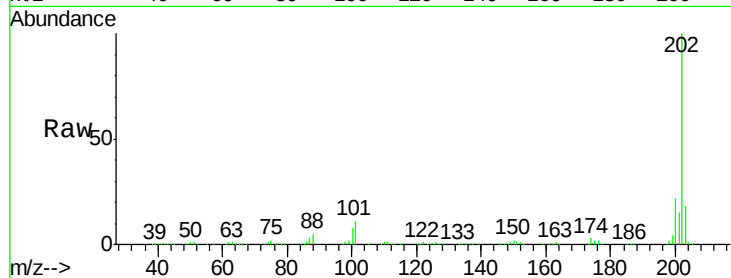




#74
 Fluoranthene
 Concen: 46.95 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

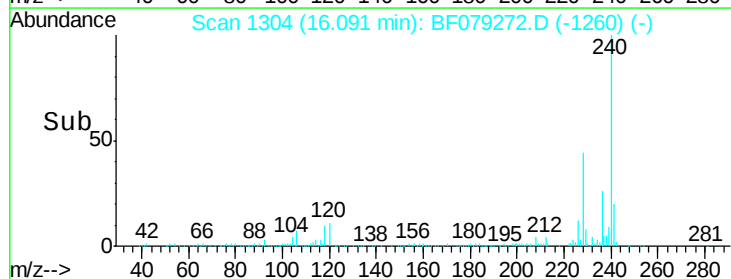
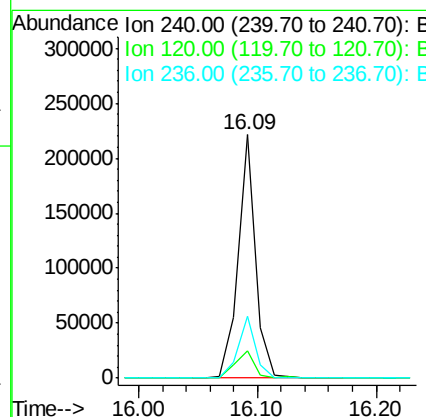
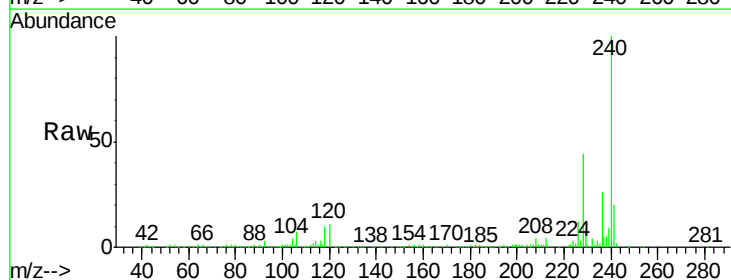
Instrument :
 BNA_F
 ClientSampleId :
 LAR9797-AMSD

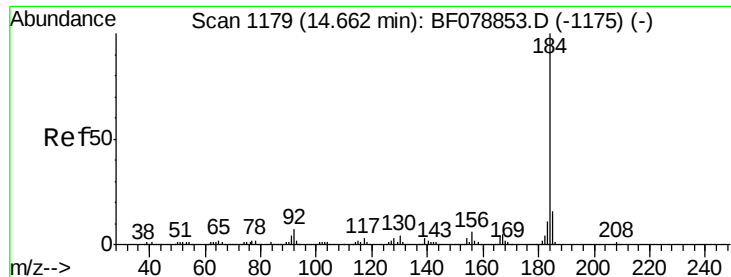
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	626392		
101	10.8	0.0	34.7	
203	17.8	0.0	37.9	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF079272.D
 Acq: 15 May 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	225305		
120	11.2	8.6	12.8	
236	25.6	21.0	31.6	





#76

Benzidine

Concen: 19.96 ng

RT: 14.46 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

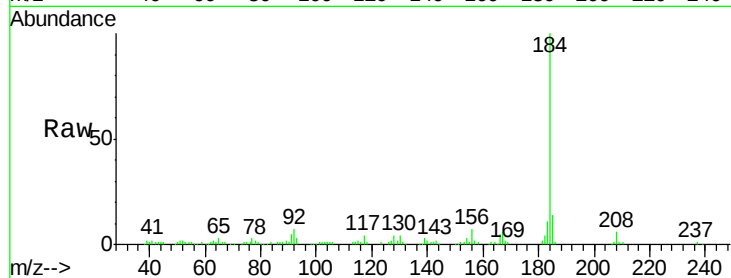
Tgt Ion:184 Resp: 121171

Ion Ratio Lower Upper

184 100

185 14.2 12.8 19.2

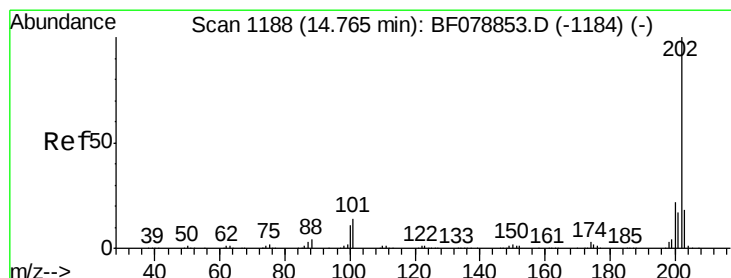
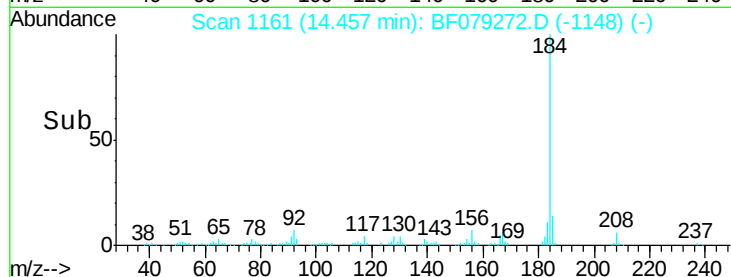
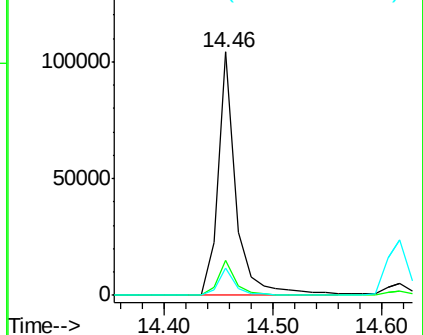
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 49.17 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

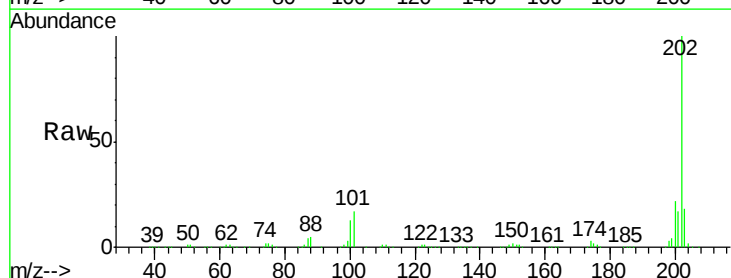
Tgt Ion:202 Resp: 638318

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

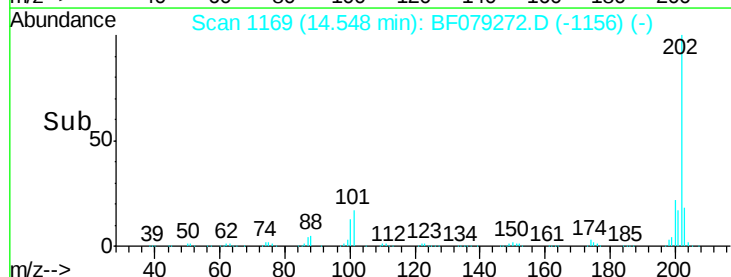
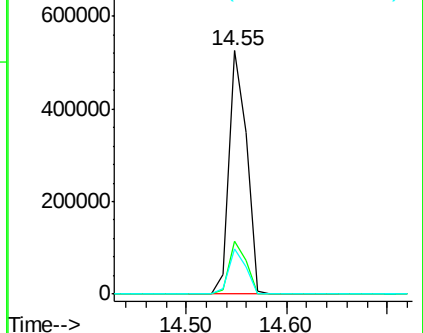
203 18.4 14.7 22.1

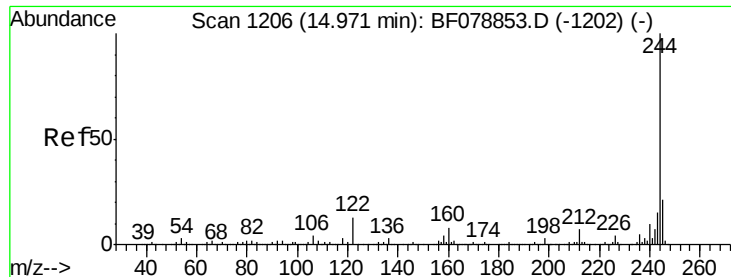


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.29 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

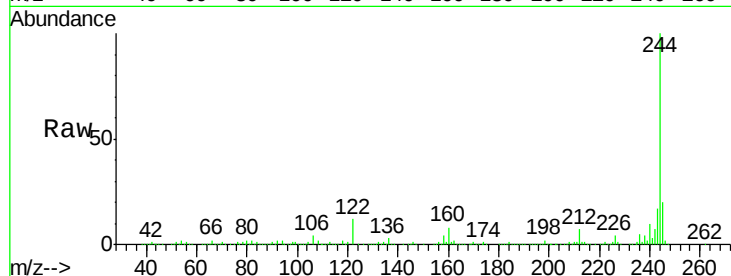
Tgt Ion:244 Resp: 821480

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

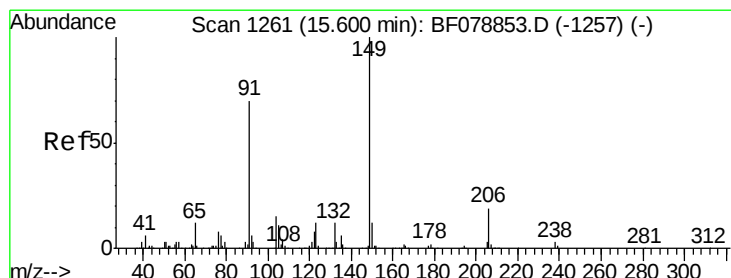
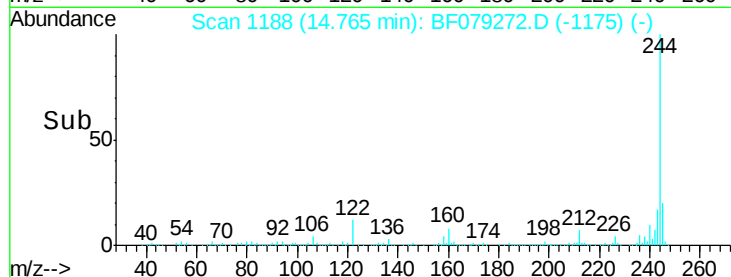
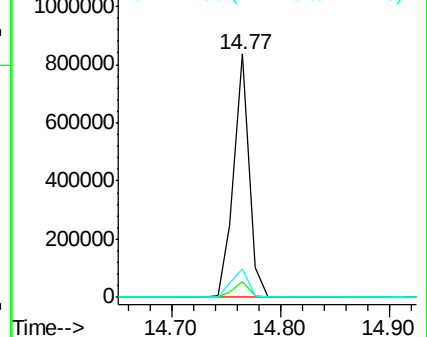
122 11.8 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 61.74 ng

RT: 15.39 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

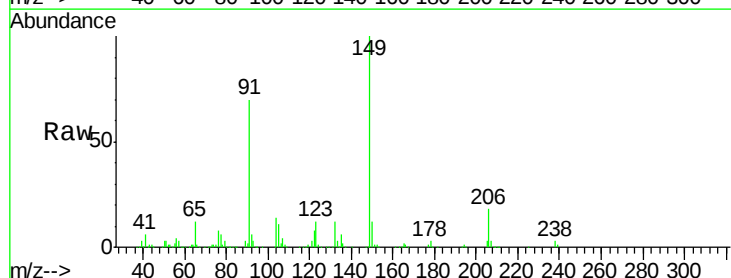
Tgt Ion:149 Resp: 350365

Ion Ratio Lower Upper

149 100

91 69.7 56.2 84.2

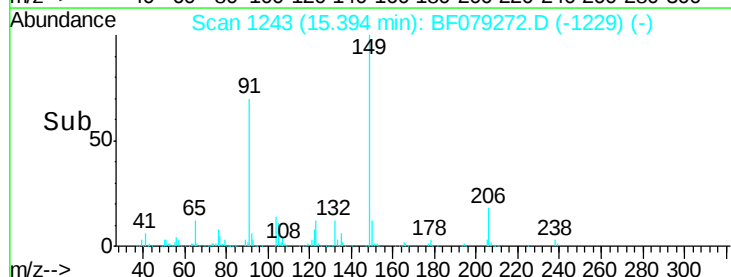
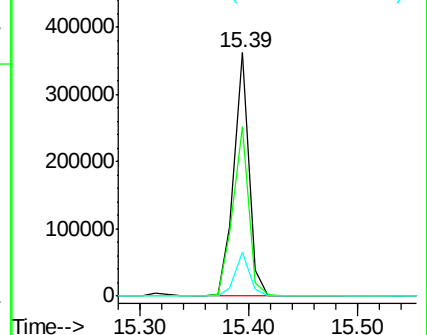
206 18.0 15.2 22.8

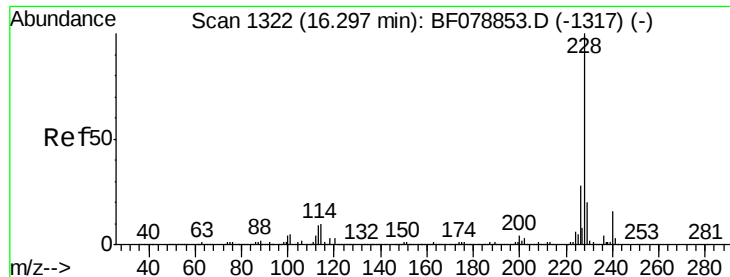


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.86 ng

RT: 16.08 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

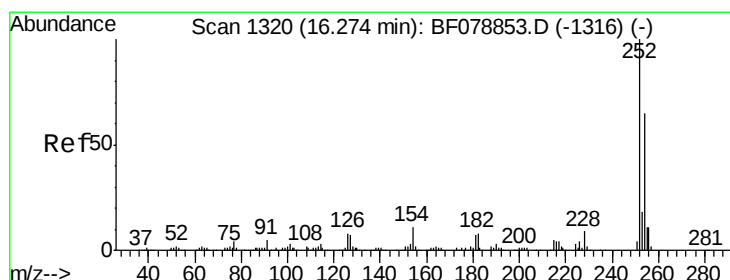
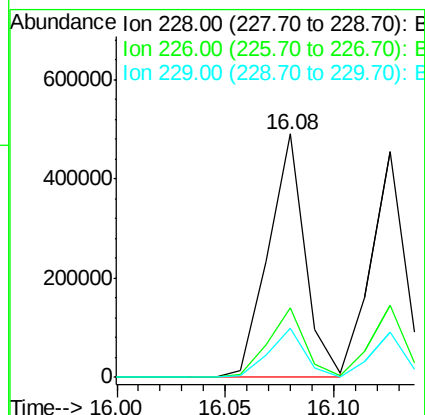
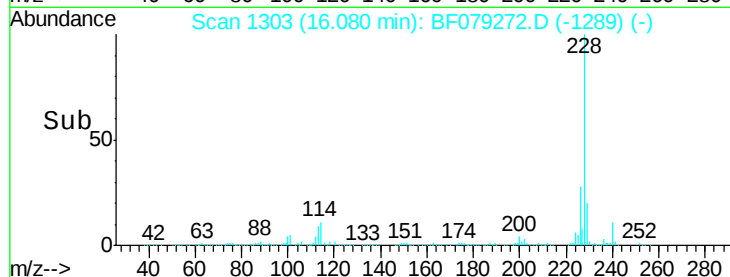
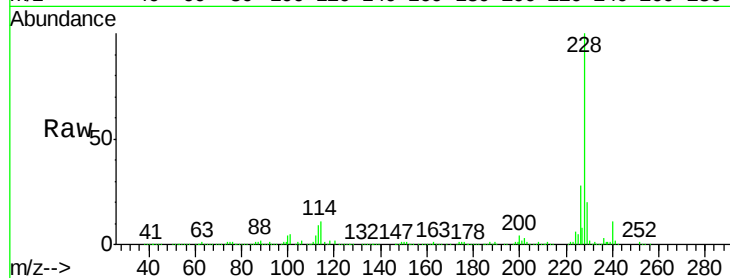
Tgt Ion:228 Resp: 578182

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

229 20.1 16.1 24.1



#81

3,3'-Dichlorobenzidine

Concen: 36.88 ng

RT: 16.06 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

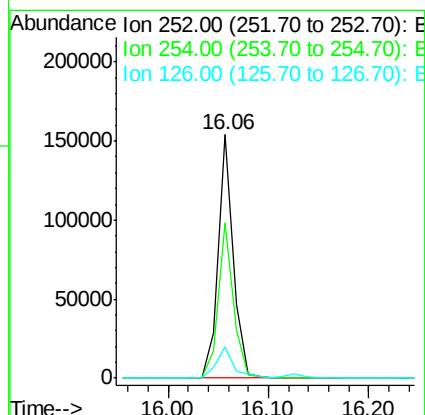
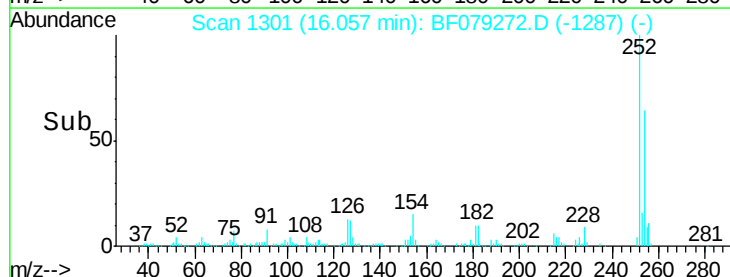
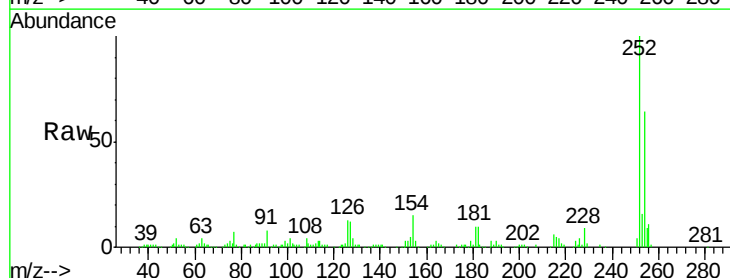
Tgt Ion:252 Resp: 162090

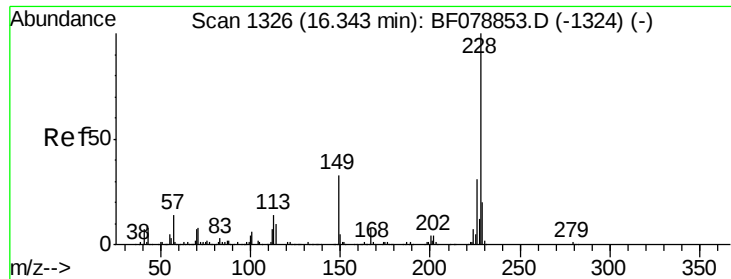
Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.2

126 12.6 6.6 9.8#





#82

Chrysene

Concen: 41.51 ng

RT: 16.13 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

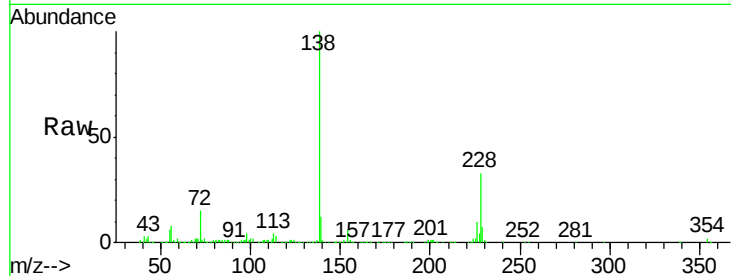
Tgt Ion:228 Resp: 492626

Ion Ratio Lower Upper

228 100

226 31.9 24.8 37.2

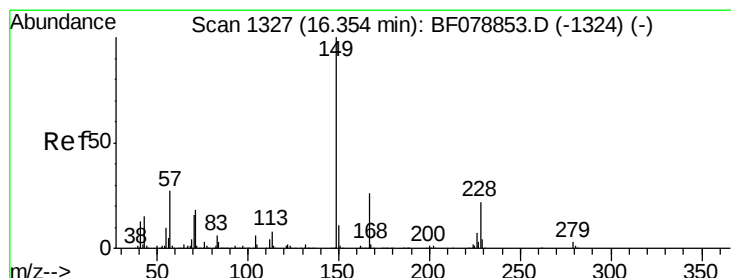
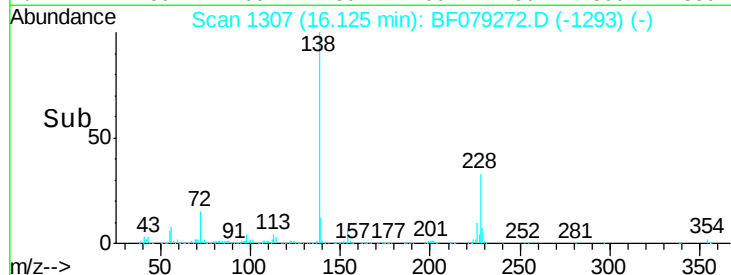
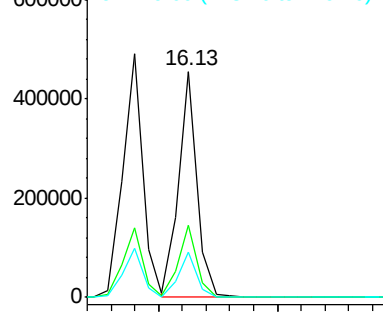
229 20.2 16.1 24.1



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: 50.62 ng

RT: 16.15 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

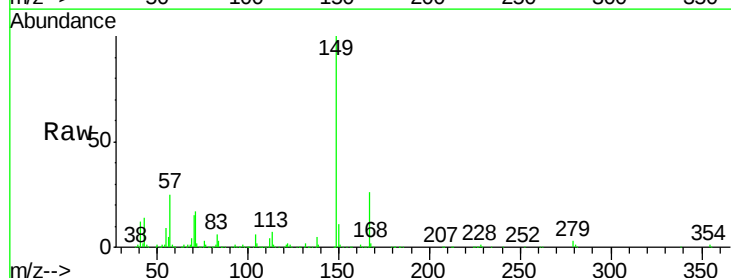
Tgt Ion:149 Resp: 435166

Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

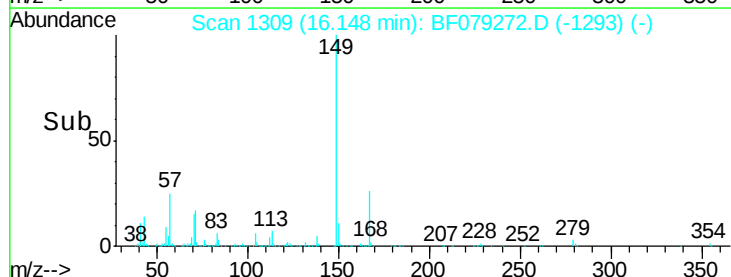
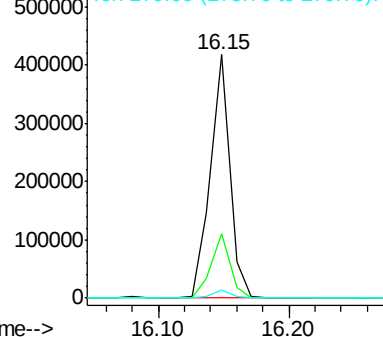
279 3.1 2.6 4.0

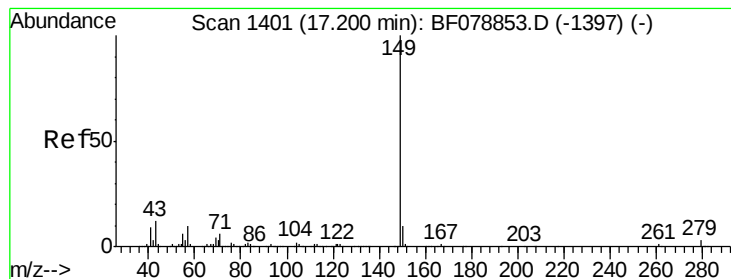


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.98 ng

RT: 16.99 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

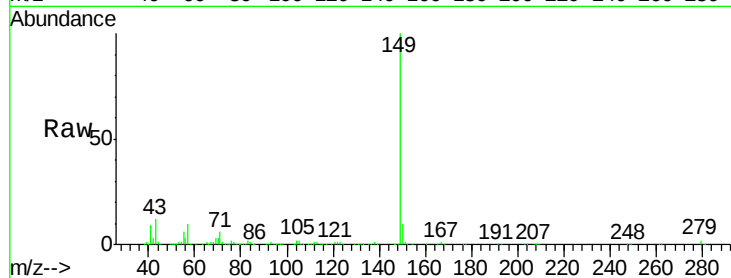
Tgt Ion:149 Resp: 756638

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

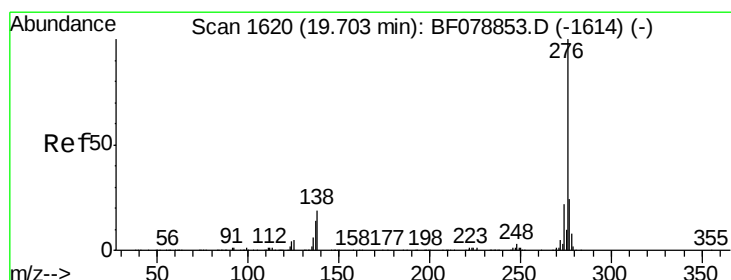
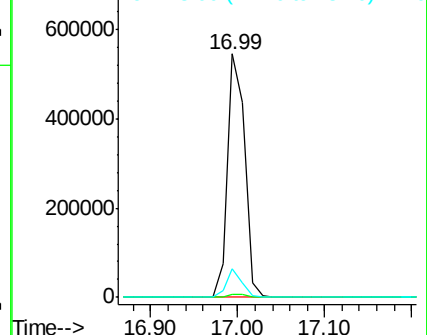
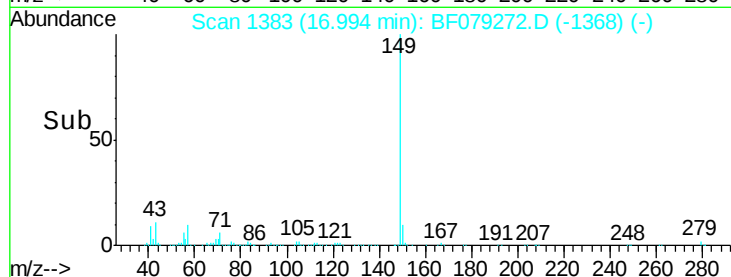
43 10.2 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.50 ng

RT: 19.39 min Scan# 1593

Delta R.T. 0.03 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

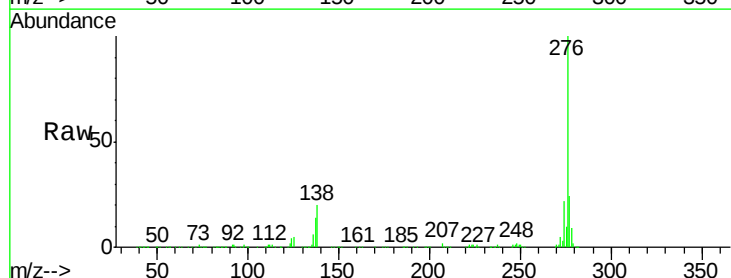
Tgt Ion:276 Resp: 672885

Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

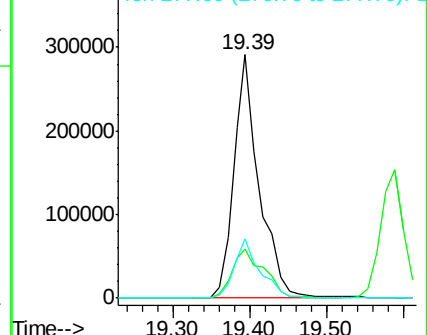
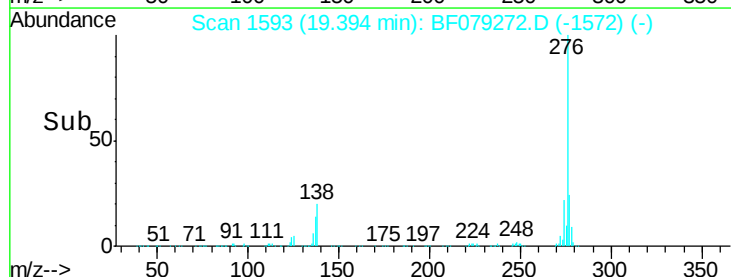
277 24.9 19.9 29.9

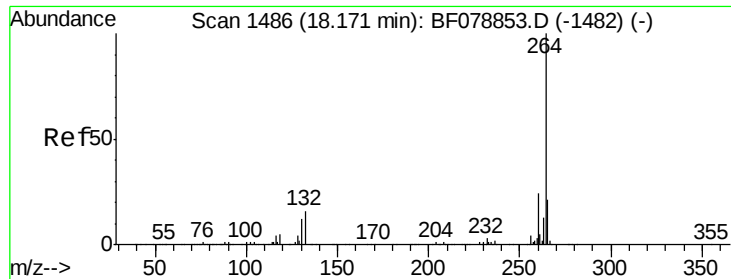


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

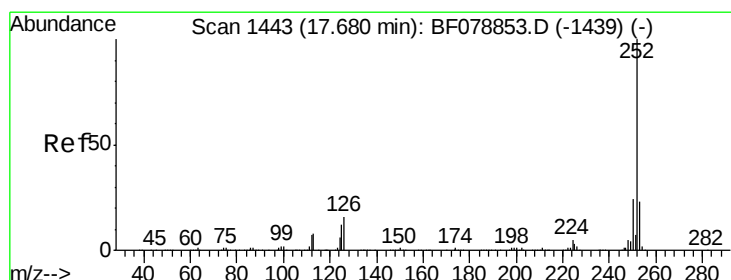
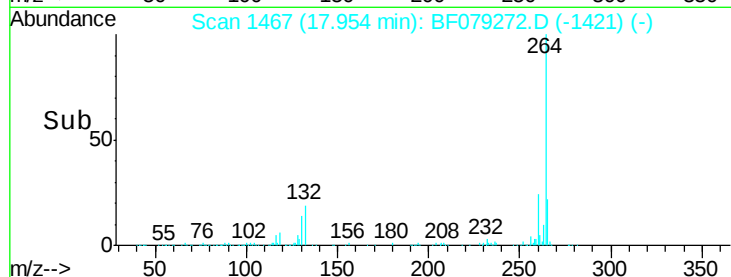
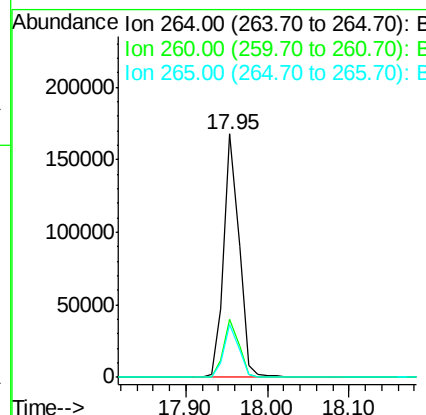
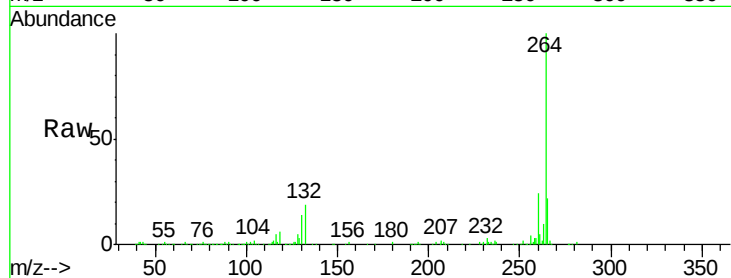




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.95 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

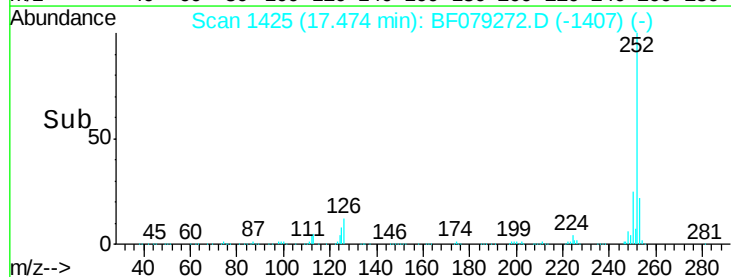
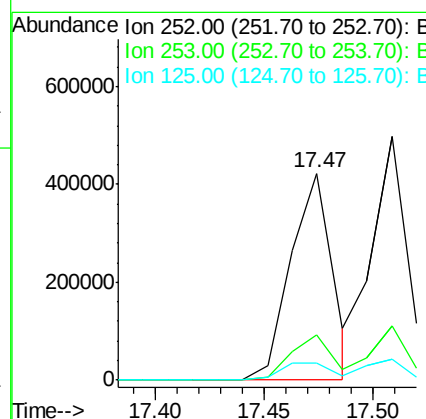
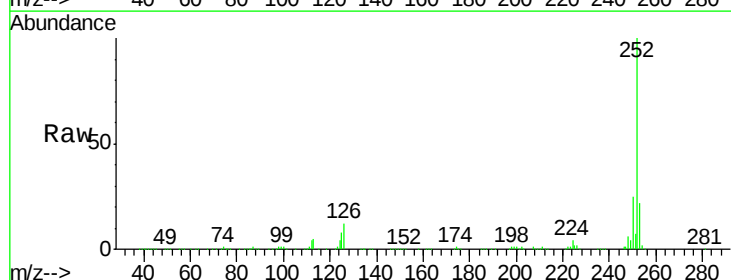
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

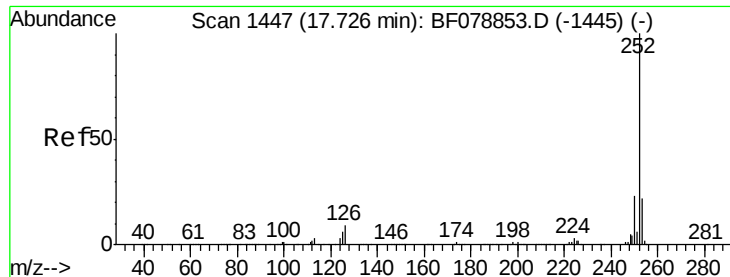
Tgt Ion:264 Resp: 220987
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 46.75 ng
RT: 17.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:252 Resp: 565525
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 8.4 9.4 14.2#

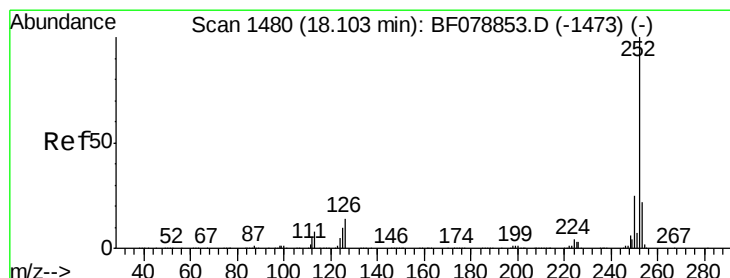
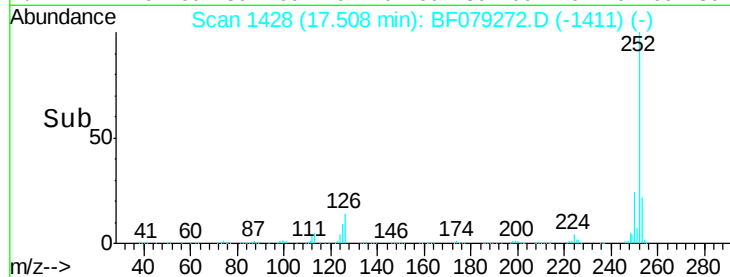
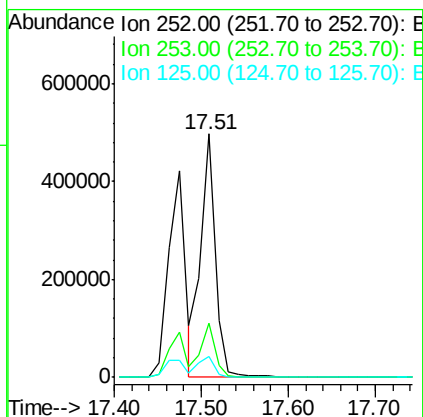
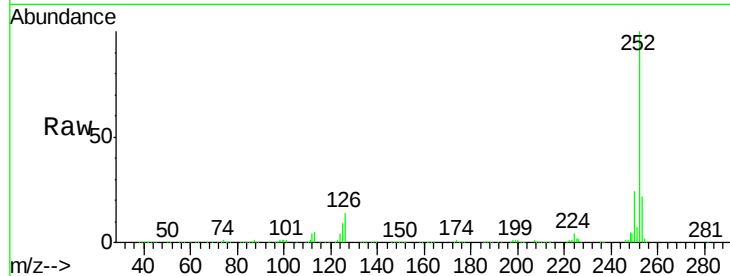




#88
Benzo(k)fluoranthene
Concen: 49.29 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

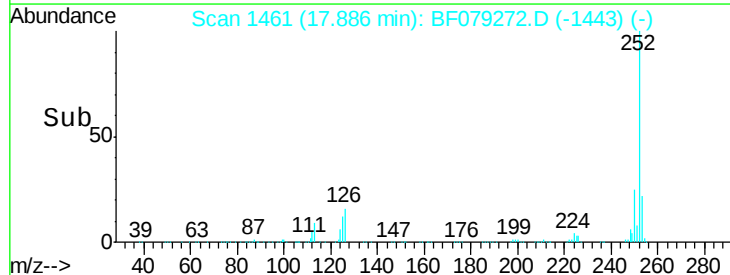
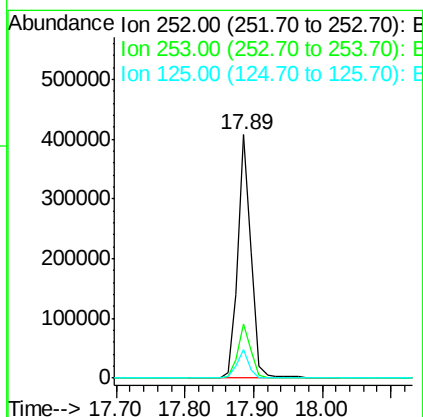
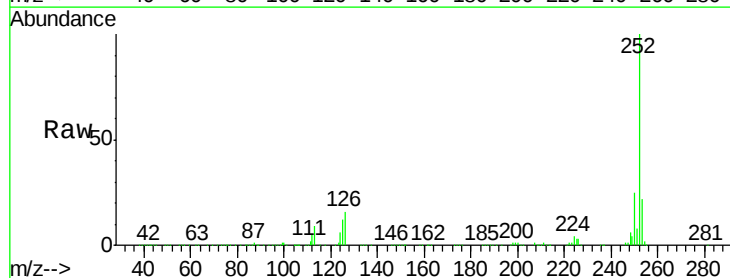
Instrument :
BNA_F
ClientSampleId :
LAR9797-AMSD

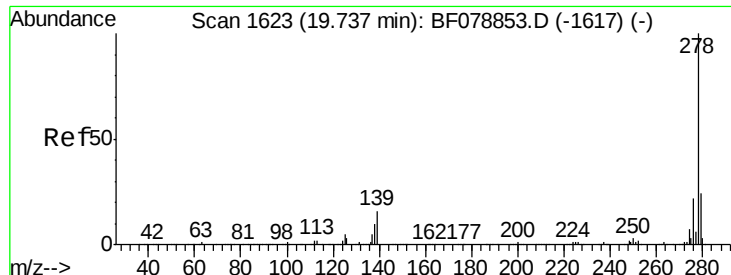
Tgt Ion:252 Resp: 577145
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 8.7 6.1 9.1



#89
Benzo(a)pyrene
Concen: 49.97 ng
RT: 17.89 min Scan# 1461
Delta R.T. 0.02 min
Lab File: BF079272.D
Acq: 15 May 2015 16:20

Tgt Ion:252 Resp: 556507
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.7 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 46.93 ng

RT: 19.43 min Scan# 1596

Delta R.T. 0.03 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

Instrument :

BNA_F

ClientSampleId :

LAR9797-AMSD

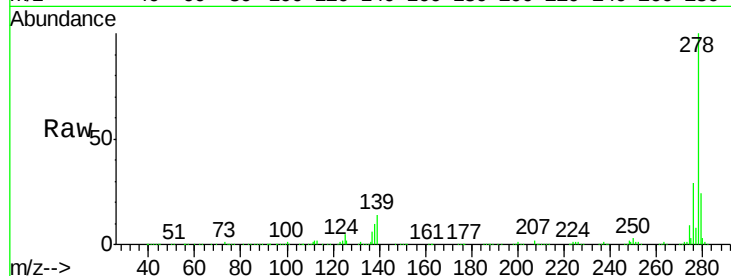
Tgt Ion: 278 Resp: 555452

Ion Ratio Lower Upper

278 100

139 14.2 13.1 19.7

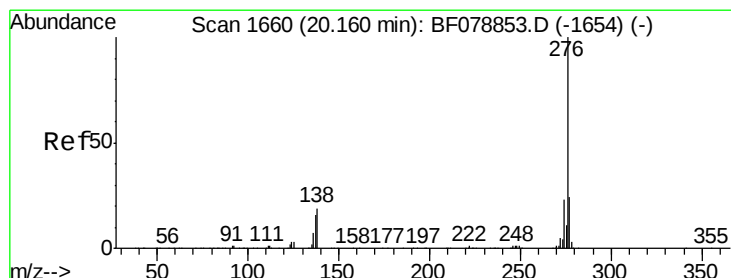
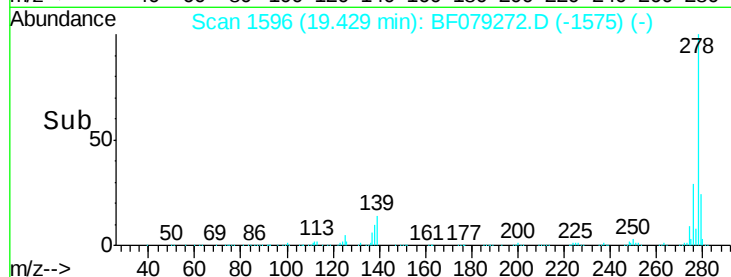
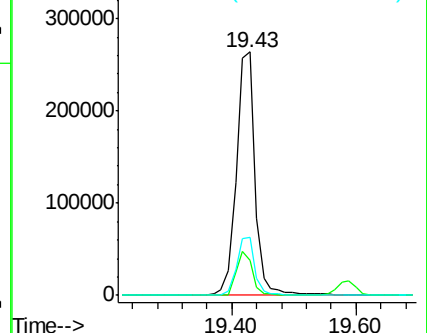
279 23.8 19.1 28.7



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: 46.99 ng

RT: 19.81 min Scan# 1629

Delta R.T. 0.02 min

Lab File: BF079272.D

Acq: 15 May 2015 16:20

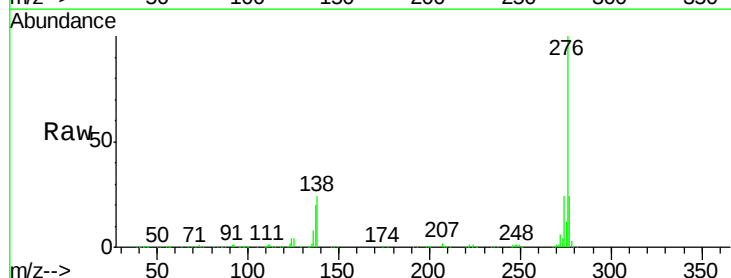
Tgt Ion: 276 Resp: 557492

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 23.8 15.2 22.8#



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

