

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079343.D
 Acq On : 19 May 2015 15:49
 Operator : TP/IZ
 Sample : PB83467BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Quant Time: May 20 01:06:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:50:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	39726	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	168089	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	81407	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	167123	20.00	ng	0.00
75) Chrysene-d12	16.01	240	180634	20.00	ng	-0.01
86) Perylene-d12	17.77	264	187105	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	308759	133.79	ng	0.00
7) Phenol-d6	6.70	99	400849	131.40	ng	-0.01
23) Nitrobenzene-d5	7.83	82	227494	77.78	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	126861	144.05	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	475265	81.34	ng	0.00
78) Terphenyl-d14	14.71	244	576845	76.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.72	93	115061	26.72	ng	# 26
8) 2-Chlorophenol	6.86	128	111543	42.61	ng	94
9) Benzaldehyde	6.57	77	23593	11.48	ng	98
10) Phenol	6.72	94	148861	42.07	ng	75
11) bis(2-Chloroethyl)ether	6.82	93	107406	41.40	ng	94
12) 1,3-Dichlorobenzene	7.05	146	118479	40.27	ng	# 95
13) 1,4-Dichlorobenzene	7.15	146	117331	38.75	ng	98
14) 1,2-Dichlorobenzene	7.34	146	113680	40.33	ng	96
15) Benzyl Alcohol	7.31	79	88992	39.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.50	45	156523	39.44	ng	96
17) 2-Methylphenol	7.46	107	89175	42.34	ng	95
18) Hexachloroethane	7.75	117	42878	41.11	ng	94
19) n-Nitroso-di-n-propylamine	7.64	70	80460	39.05	ng	# 95
20) 3+4-Methylphenols	7.66	107	122848	43.77	ng	# 47
22) Acetophenone	7.64	105	156840	41.30	ng	# 81
24) Nitrobenzene	7.85	77	115195	39.74	ng	# 78
25) Isophorone	8.15	82	220681	40.70	ng	96
26) 2-Nitrophenol	8.24	139	55166	45.98	ng	94
27) 2,4-Dimethylphenol	8.31	122	102581	42.72	ng	96
28) bis(2-Chloroethoxy)methane	8.43	93	134291	40.18	ng	# 98
29) 2,4-Dichlorophenol	8.54	162	95006	44.50	ng	99
30) 1,2,4-Trichlorobenzene	8.64	180	96467	41.13	ng	99
31) Naphthalene	8.73	128	328289	40.99	ng	100
32) Benzoic acid	8.43	122	53109	36.98	ng	95
33) 4-Chloroaniline	8.81	127	95518	28.18	ng	# 91
34) Hexachlorobutadiene	8.89	225	52051	38.54	ng	98
35) Caprolactam	9.23	113	30368	43.99	ng	94
36) 4-Chloro-3-methylphenol	9.43	107	101145	45.10	ng	94
37) 2-Methylnaphthalene	9.59	142	225603	40.65	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	90348	39.41	ng	97
40) Hexachlorocyclopentadiene	9.78	237	75117	65.16	ng	94
42) 2,4,6-Trichlorophenol	9.94	196	64390	40.85	ng	98
43) 2,4,5-Trichlorophenol	9.99	196	69662	43.71	ng	# 85
45) 1,1'-Biphenyl	10.17	154	271958	42.02	ng	97

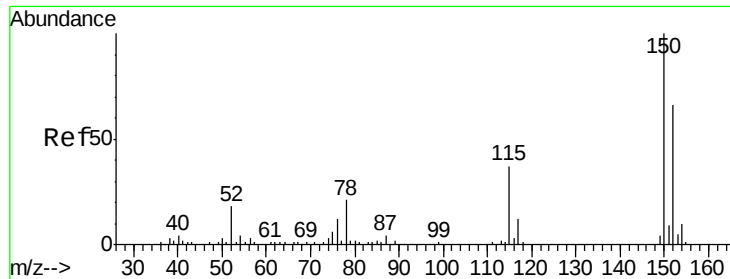
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.19	162	216081	42.81	ng	94
47) 2-Nitroaniline	10.33	65	62665	42.84	ng #	43
48) Acenaphthylene	10.70	152	348244	42.02	ng	99
49) Dimethylphthalate	10.56	163	247834	41.48	ng	100
50) 2,6-Dinitrotoluene	10.64	165	53861	45.68	ng #	87
51) Acenaphthene	10.91	154	198892	40.24	ng	100
52) 3-Nitroaniline	10.83	138	51541	34.99	ng	100
53) 2,4-Dinitrophenol	10.98	184	39223	79.00	ng #	53
54) Dibenzofuran	11.13	168	311173	43.58	ng	99
55) 4-Nitrophenol	11.06	139	95707	82.10	ng #	84
56) 2,4-Dinitrotoluene	11.13	165	70107	44.98	ng #	48
57) Fluorene	11.55	166	253695	43.29	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	59292	45.53	ng	97
59) Diethylphthalate	11.44	149	260835	44.07	ng	99
60) 4-Chlorophenyl-phenylether	11.56	204	114583	44.08	ng	100
61) 4-Nitroaniline	11.59	138	64862	44.02	ng	98
62) Azobenzene	11.76	77	251844	43.18	ng	98
64) 4,6-Dinitro-2-methylphenol	11.63	198	29250	43.61	ng #	30
65) n-Nitrosodiphenylamine	11.71	169	220558	39.63	ng	100
66) 4-Bromophenyl-phenylether	12.17	248	70427	40.43	ng	92
67) Hexachlorobenzene	12.23	284	78588	39.47	ng	90
68) Atrazine	12.39	200	67376	41.63	ng	96
69) Pentachlorophenol	12.48	266	79557	69.30	ng	97
70) Phenanthrene	12.74	178	366563	39.21	ng	100
71) Anthracene	12.81	178	391921	42.73	ng	99
72) Carbazole	13.02	167	390062	44.62	ng	100
73) Di-n-butylphthalate	13.47	149	450963	43.01	ng	100
74) Fluoranthene	14.22	202	417798	42.88	ng	98
76) Benzidine	14.40	184	225919	46.41	ng	97
77) Pyrene	14.22	202	417798	40.14	ng	99
79) Butylbenzylphthalate	15.33	149	203458	44.72	ng #	82
80) Benzo(a)anthracene	16.00	228	426007	43.07	ng	99
81) 3,3'-Dichlorobenzidine	15.98	252	136520	38.75	ng	98
82) Chrysene	16.05	228	384714	40.44	ng	99
83) Bis(2-ethylhexyl)phthalate	16.06	149	297871	43.22	ng #	97
84) Di-n-octyl phthalate	16.87	149	533143	43.92	ng	96
85) Indeno(1,2,3-cd)pyrene	19.17	276	520987	42.98	ng	99
87) Benzo(b)fluoranthene	17.31	252	448979	43.84	ng	99
88) Benzo(k)fluoranthene	17.35	252	389468	39.28	ng #	96
89) Benzo(a)pyrene	17.71	252	421567	44.71	ng #	97
90) Dibenzo(a,h)anthracene	19.19	278	430997	43.00	ng	98
91) Benzo(g,h,i)perylene	19.57	276	438186	43.62	ng	97

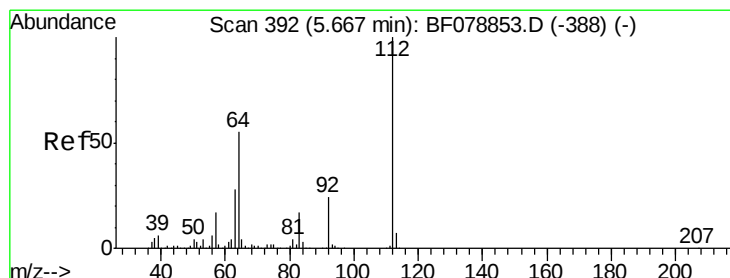
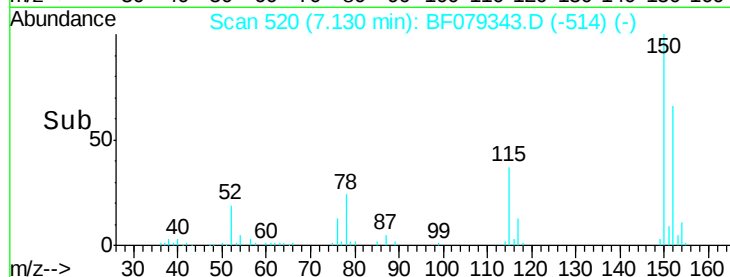
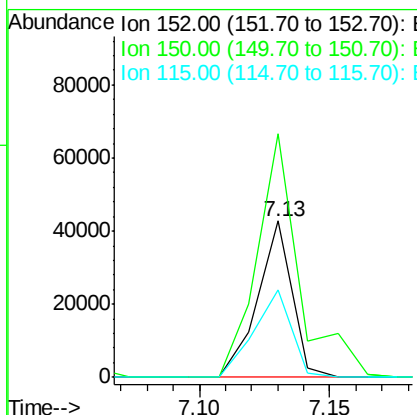
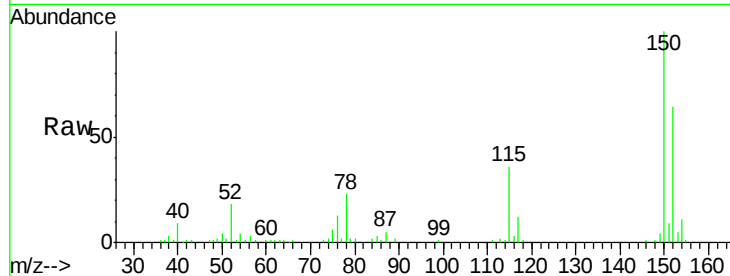
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079343.D
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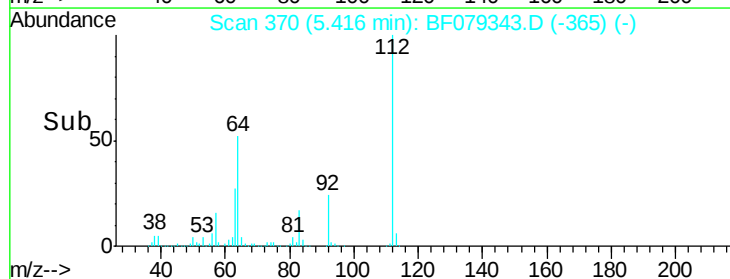
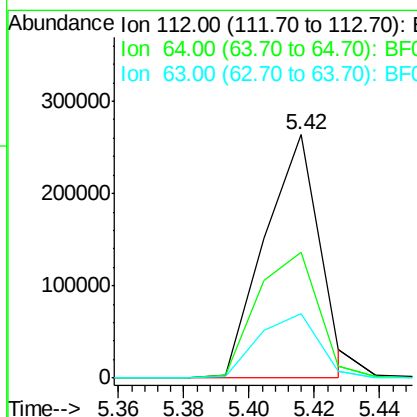
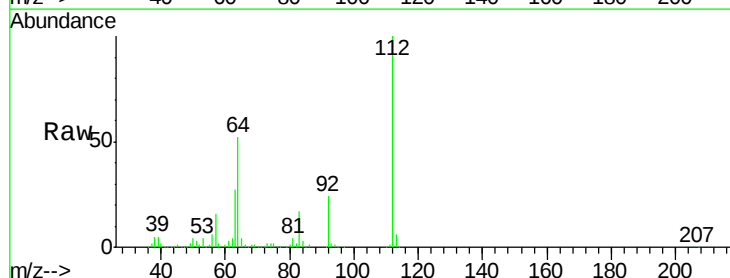
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

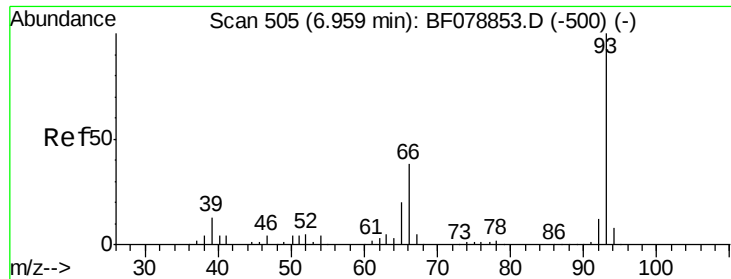
Tgt Ion:152 Resp: 39726
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.8 185.8
 115 55.6 49.4 74.0



#5
 2-Fluorophenol
 Concen: 133.79 ng
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:112 Resp: 308759
 Ion Ratio Lower Upper
 112 100
 64 51.9 44.2 66.2
 63 26.7 22.7 34.1





#6

Aniline

Concen: 26.72 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

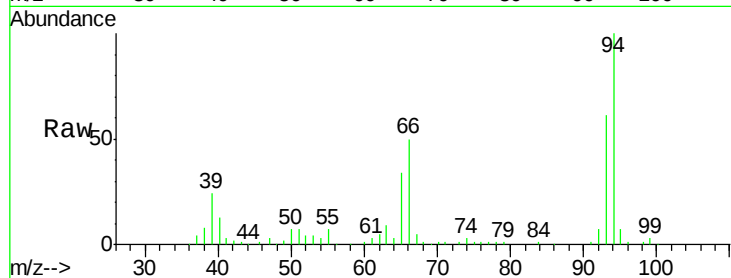
Tgt Ion: 93 Resp: 115061

Ion Ratio Lower Upper

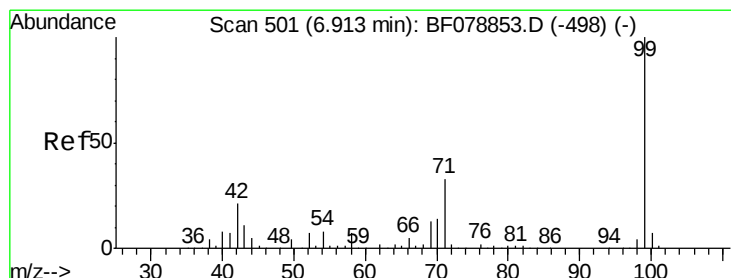
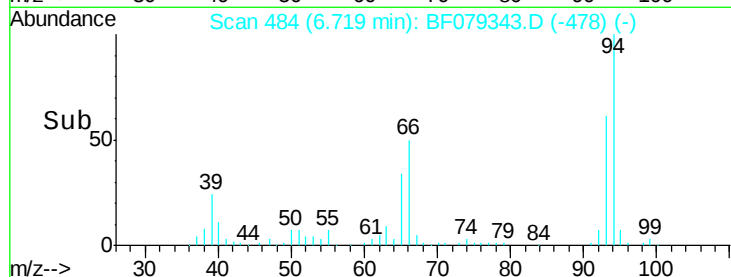
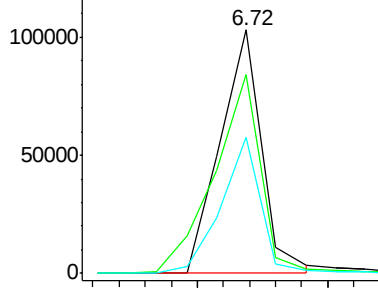
93 100

66 81.9 30.7 46.1#

65 55.8 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: 131.40 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

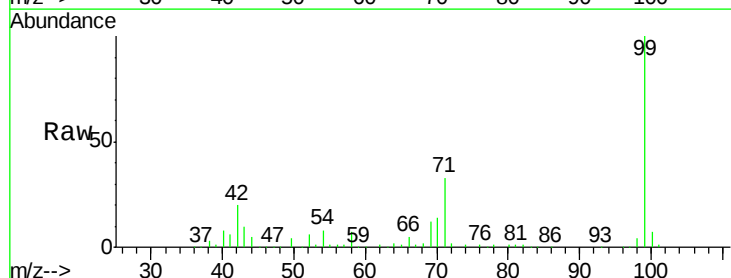
Tgt Ion: 99 Resp: 400849

Ion Ratio Lower Upper

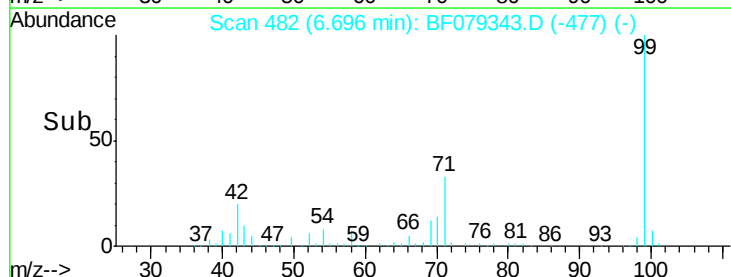
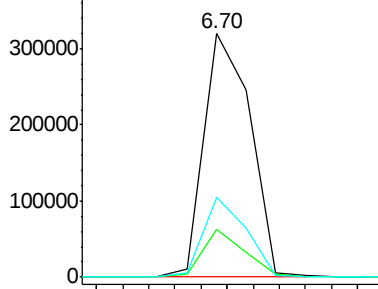
99 100

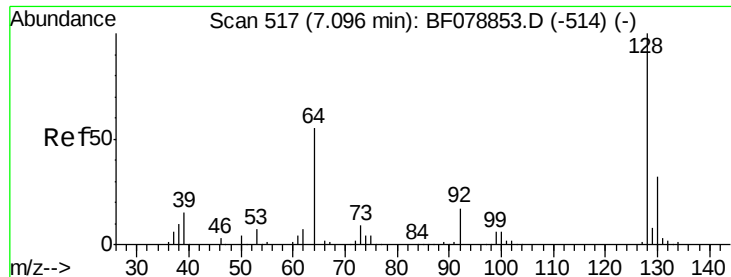
42 19.6 17.1 25.7

71 32.5 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: 42.61 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

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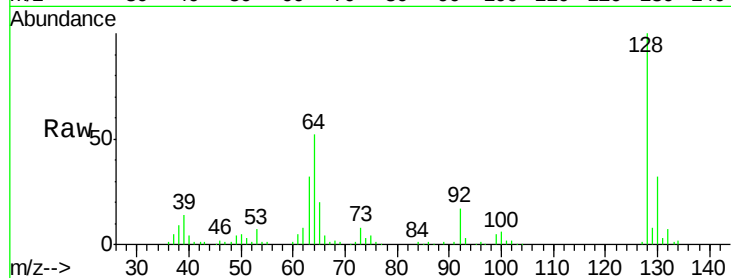
Tgt Ion:128 Resp: 111543

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

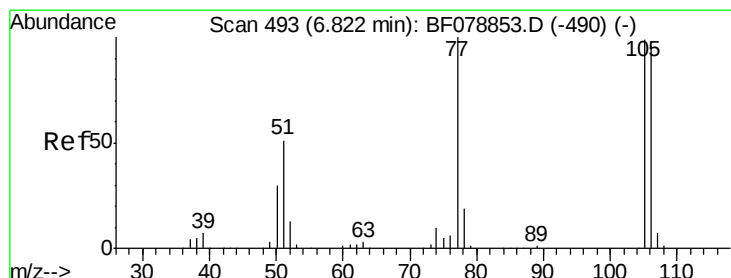
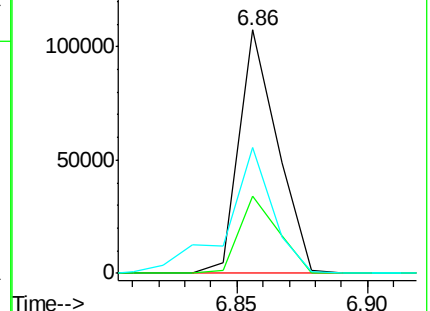
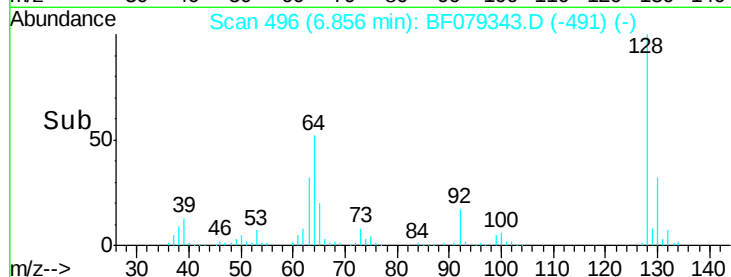
64 51.7 37.8 77.8



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: 11.48 ng

RT: 6.57 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

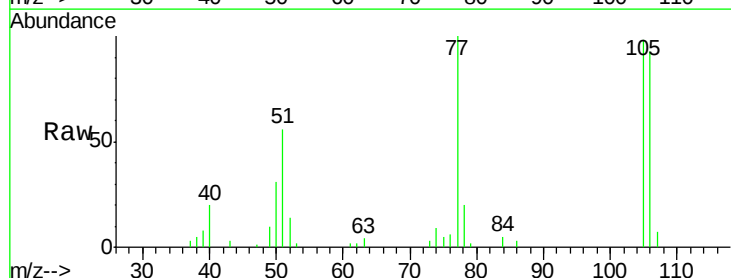
Tgt Ion: 77 Resp: 23593

Ion Ratio Lower Upper

77 100

105 98.1 78.9 118.9

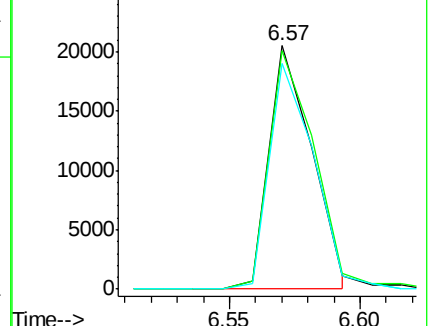
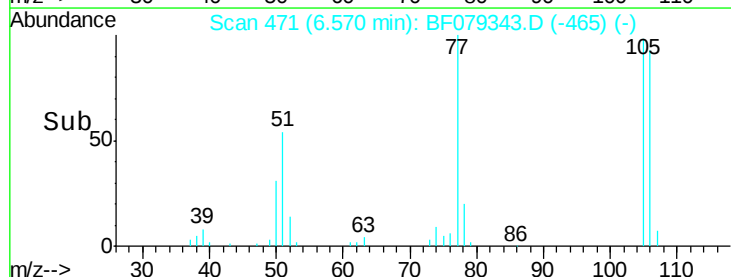
106 92.9 75.8 115.8

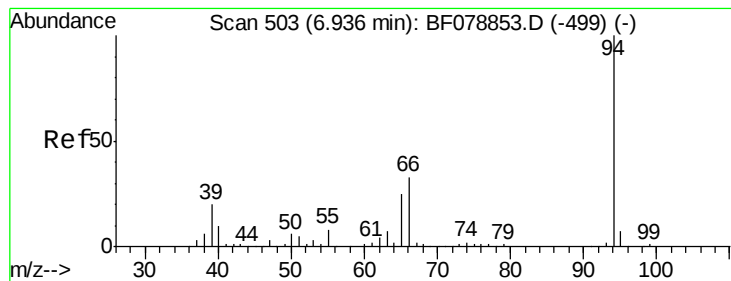


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 42.07 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

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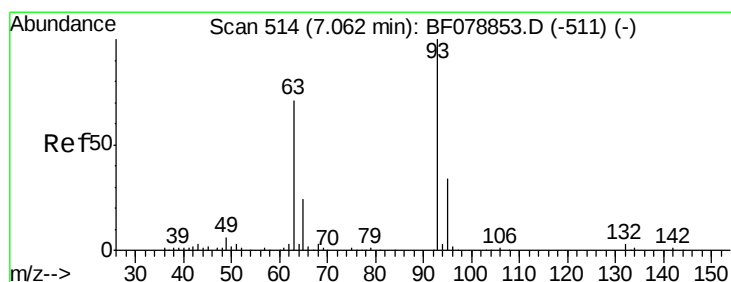
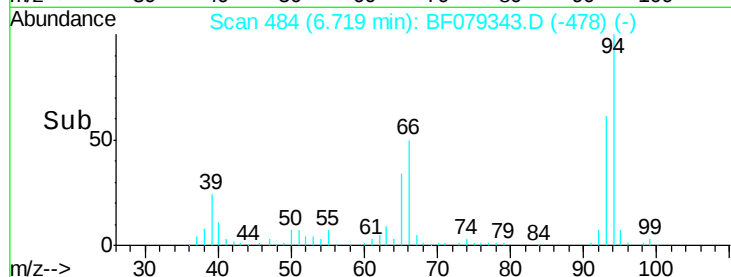
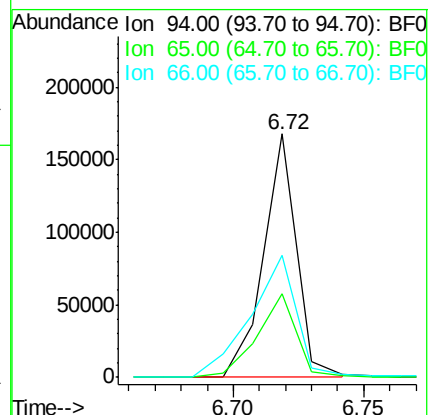
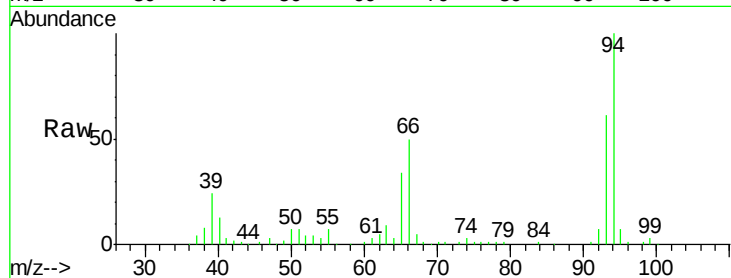
Tgt Ion: 94 Resp: 148861

Ion Ratio Lower Upper

94 100

65 34.3 5.1 45.1

66 50.3 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 41.40 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

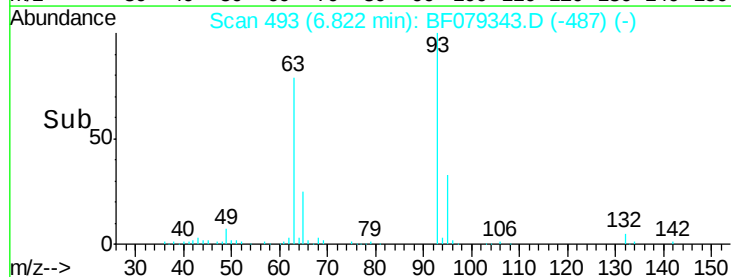
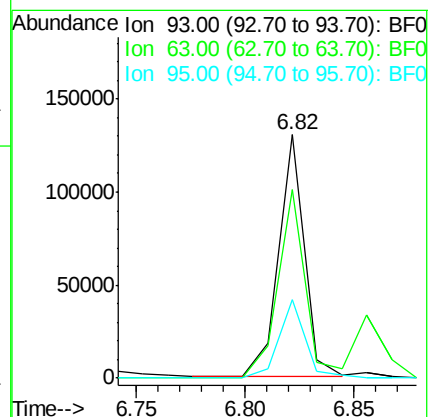
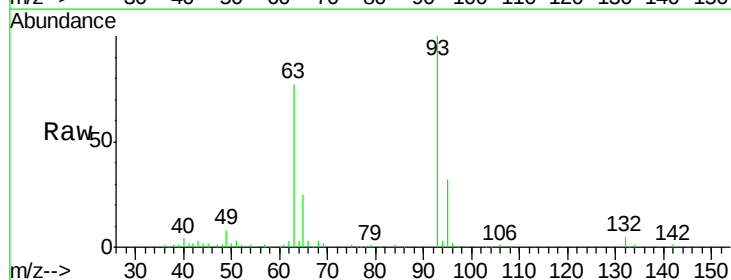
Tgt Ion: 93 Resp: 107406

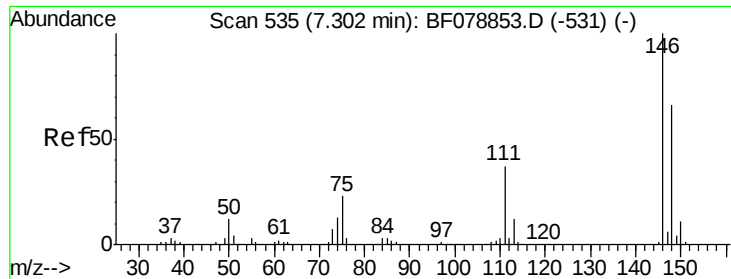
Ion Ratio Lower Upper

93 100

63 77.4 50.8 90.8

95 32.0 13.9 53.9

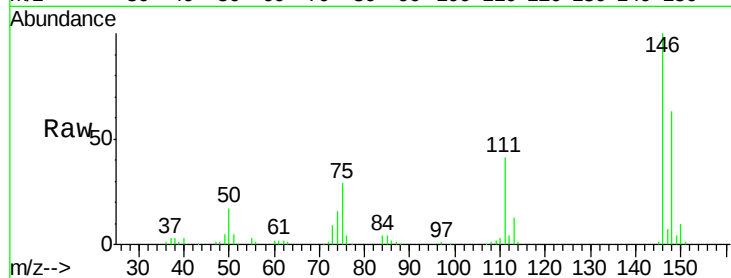




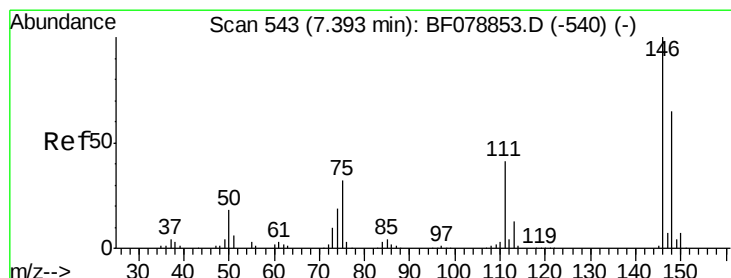
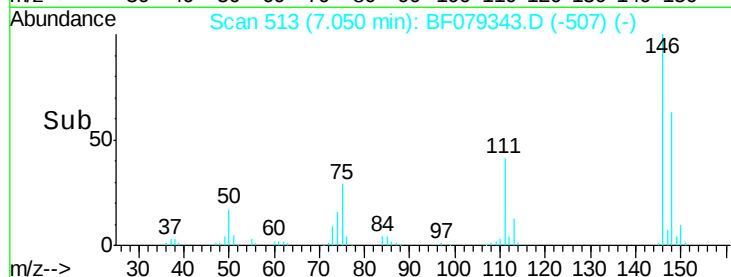
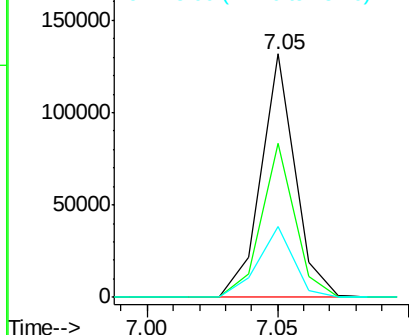
#12
 1,3-Dichlorobenzene
 Concen: 40.27 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Tgt Ion:146 Resp: 118479
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.4 78.6
 75 29.3 18.6 27.8#

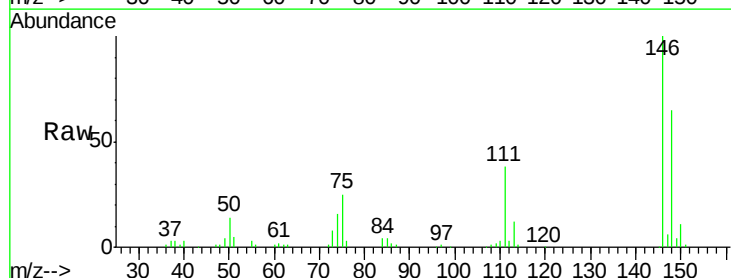


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

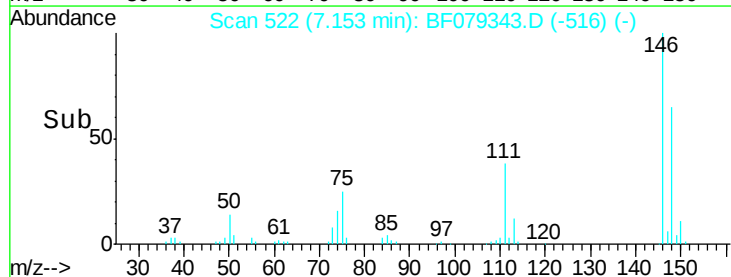
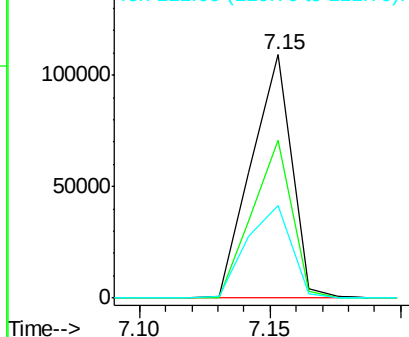


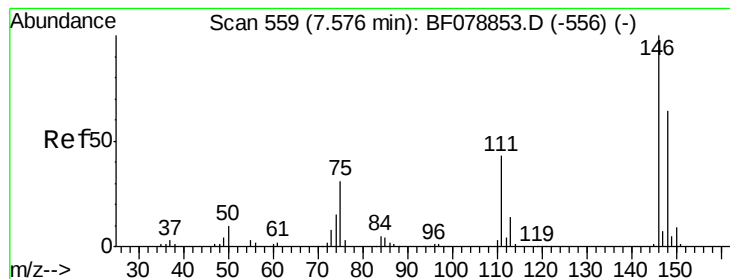
#13
 1,4-Dichlorobenzene
 Concen: 38.75 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:146 Resp: 117331
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.7 77.5
 111 37.9 32.8 49.2



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

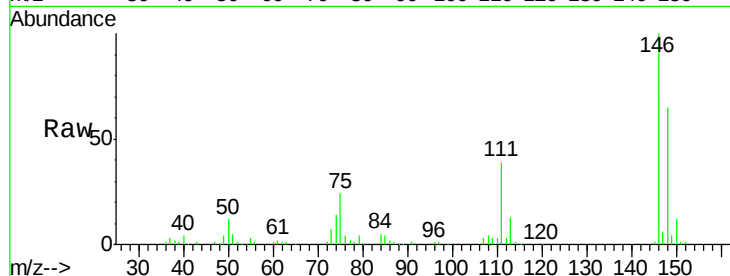




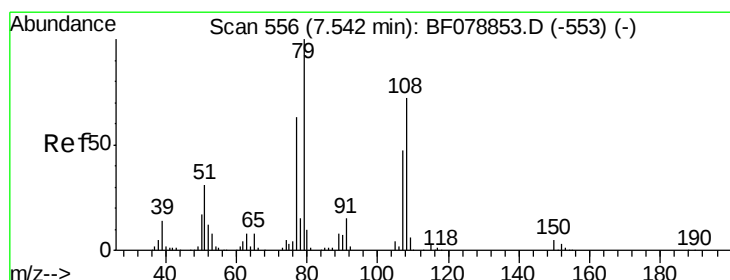
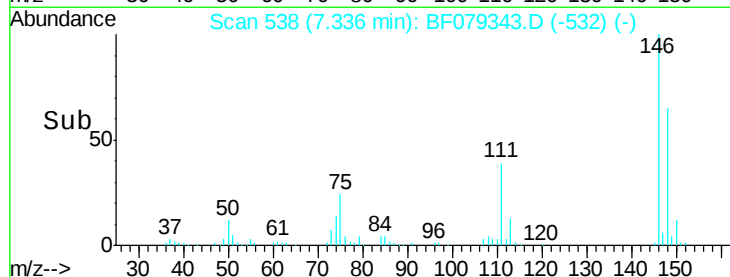
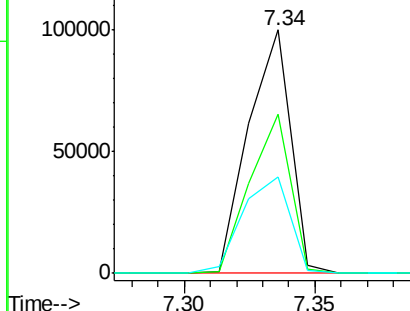
#14
 1,2-Dichlorobenzene
 Concen: 40.33 ng
 RT: 7.34 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Tgt Ion: 146 Resp: 113680
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 39.4 34.6 52.0

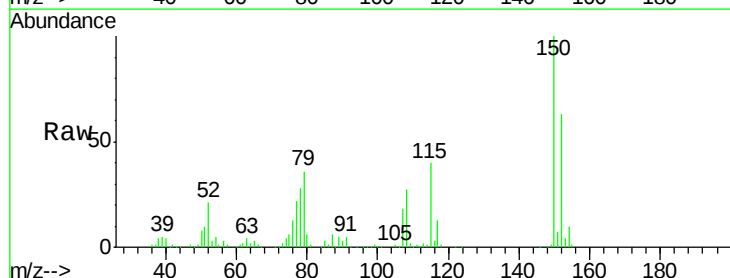


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

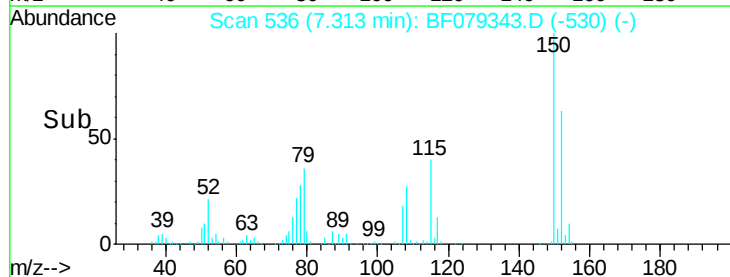
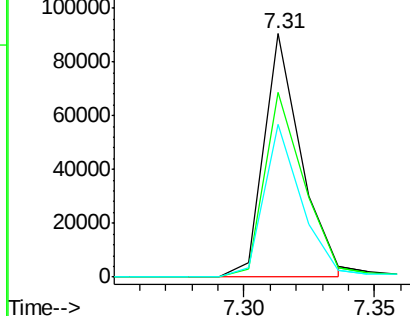


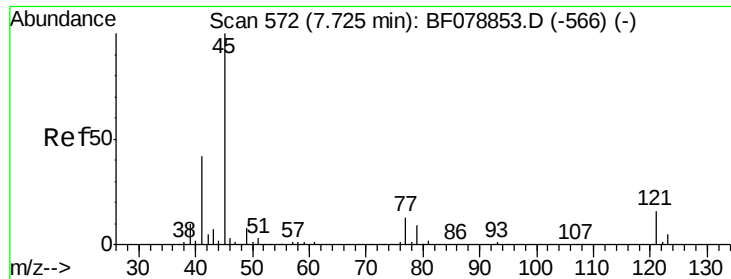
#15
 Benzyl Alcohol
 Concen: 39.30 ng
 RT: 7.31 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion: 79 Resp: 88992
 Ion Ratio Lower Upper
 79 100
 108 75.9 57.4 86.2
 77 62.7 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

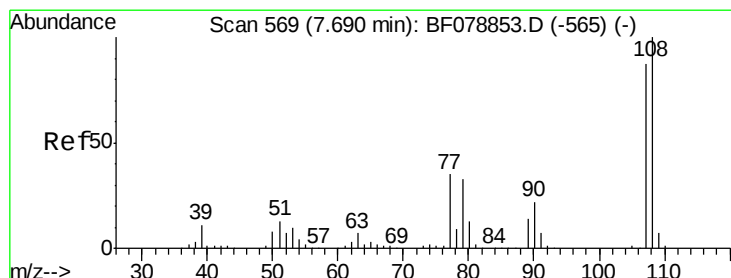
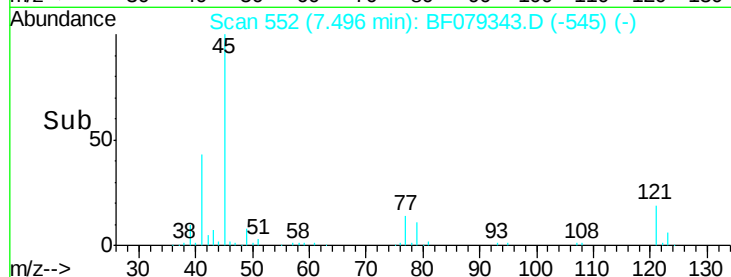
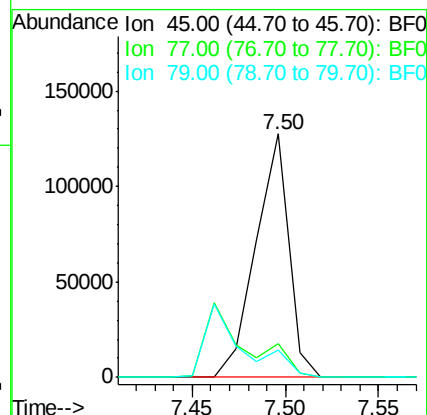
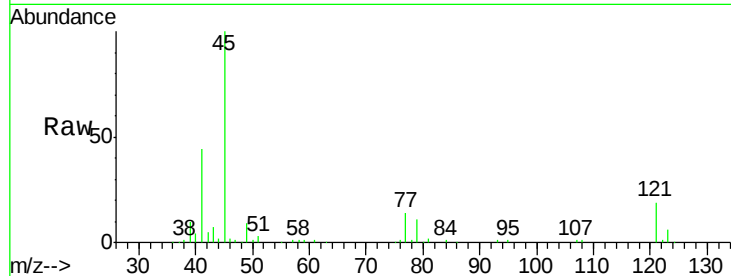




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 39.44 ng
 RT: 7.50 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

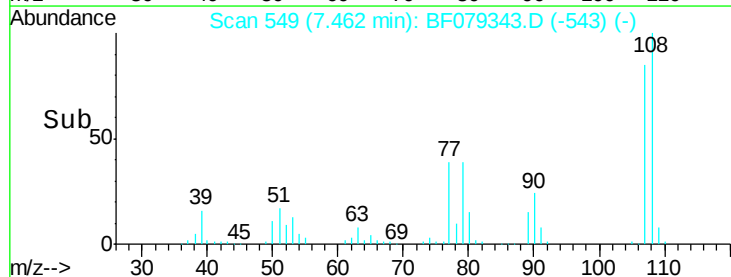
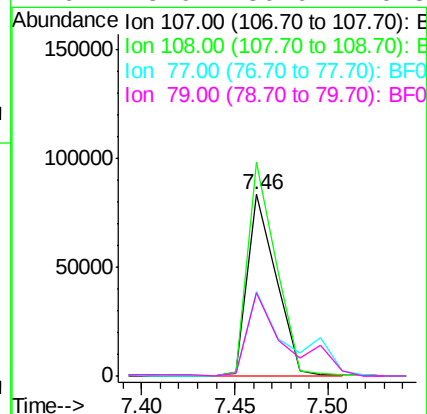
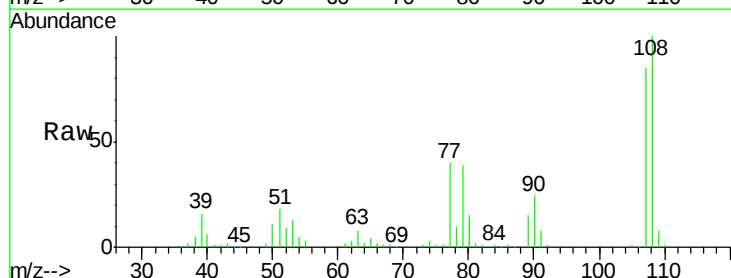
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

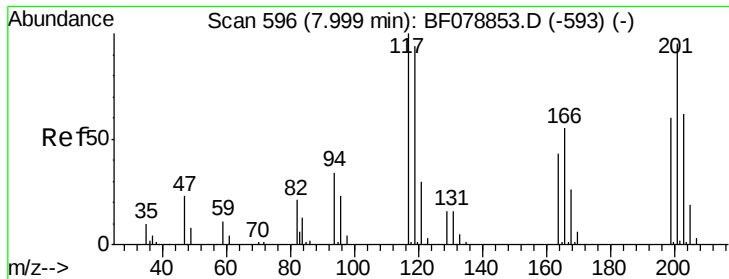
Tgt Ion: 45 Resp: 156523
 Ion Ratio Lower Upper
 45 100
 77 13.7 0.0 32.6
 79 11.1 0.0 29.3



#17
 2-Methylphenol
 Concen: 42.34 ng
 RT: 7.46 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion: 107 Resp: 89175
 Ion Ratio Lower Upper
 107 100
 108 117.7 92.4 138.6
 77 46.6 32.6 49.0
 79 45.9 30.9 46.3

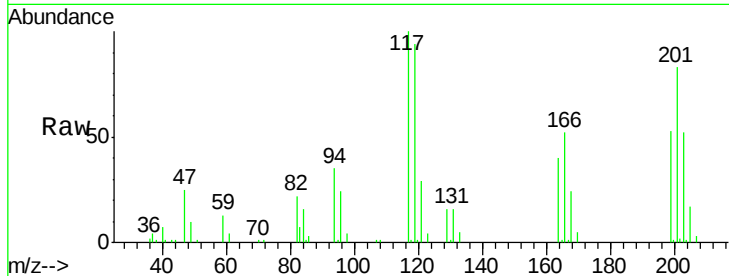




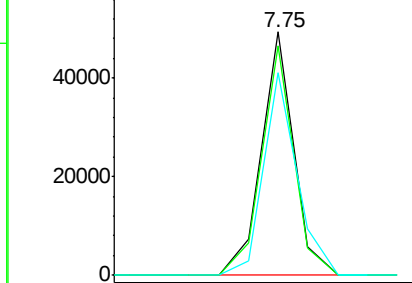
#18
Hexachloroethane
Concen: 41.11 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB83467BS

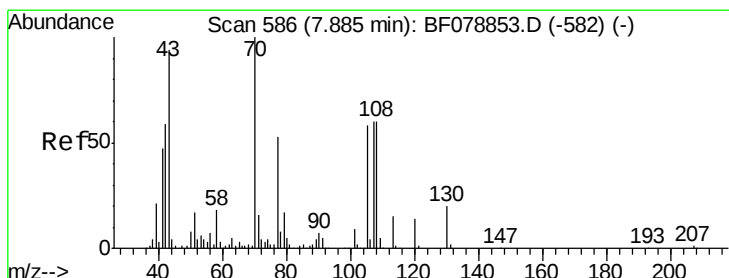
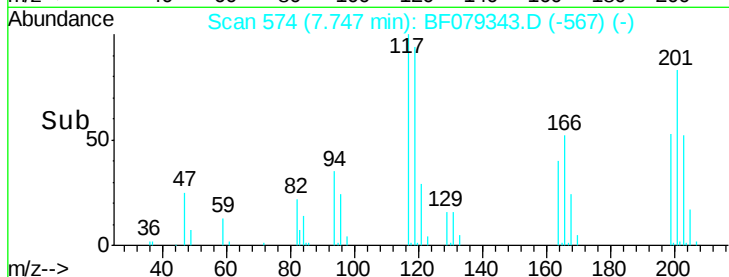
Tgt Ion: 117 Resp: 42878
Ion Ratio Lower Upper
117 100
119 94.3 75.2 112.8
201 83.0 75.8 113.8



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

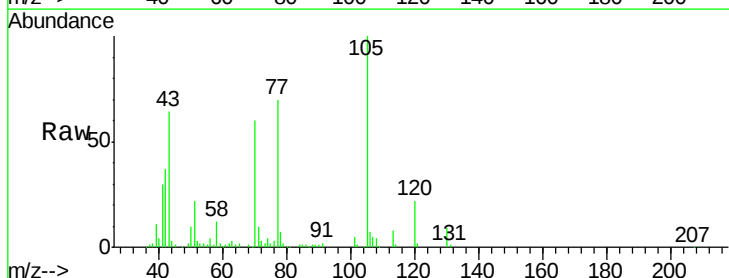


Time-->

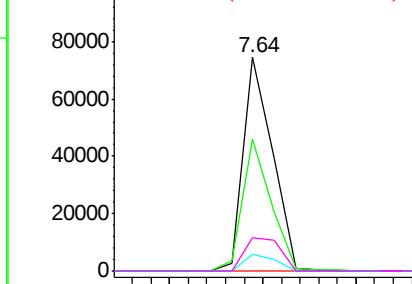


#19
n-Nitroso-di-n-propylamine
Concen: 39.05 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

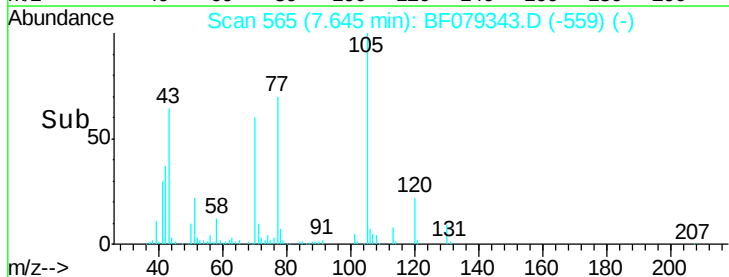
Tgt Ion: 70 Resp: 80460
Ion Ratio Lower Upper
70 100
42 61.9 47.3 70.9
101 8.0 7.5 11.3
130 15.7 15.8 23.6#

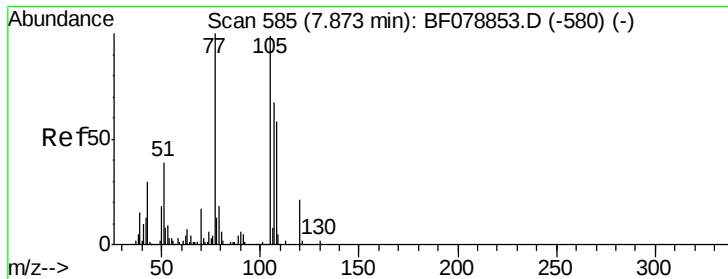


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



Time-->

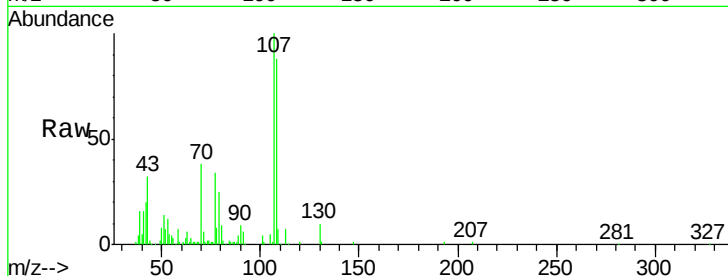




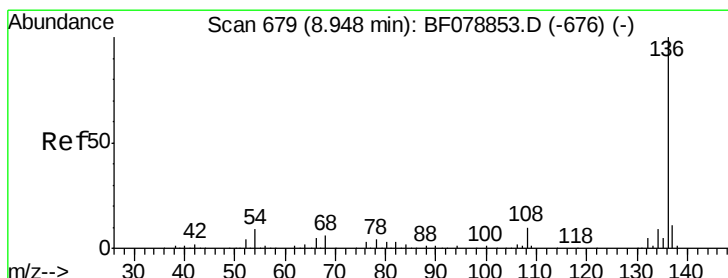
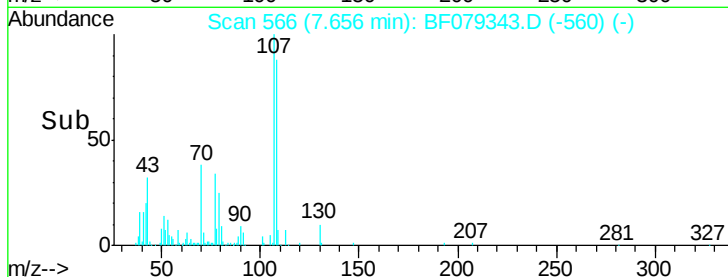
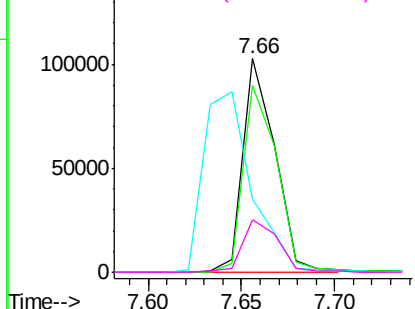
#20
3+4-Methylphenols
Concen: 43.77 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB83467BS

Tgt Ion:107 Resp: 122848
Ion Ratio Lower Upper
107 100
108 87.8 66.5 106.5
77 34.2 130.6 170.6#
79 24.7 6.4 46.4

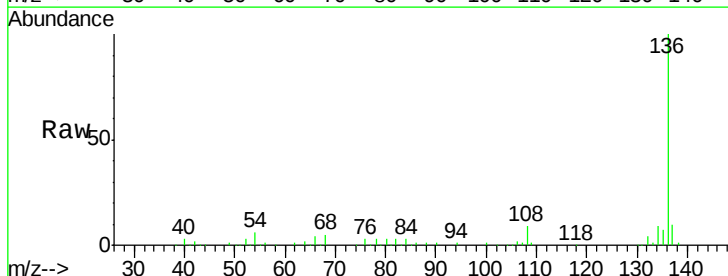


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

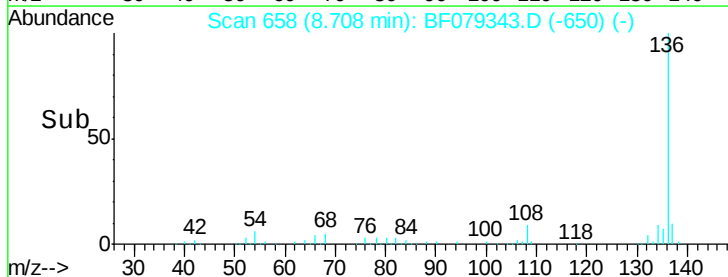
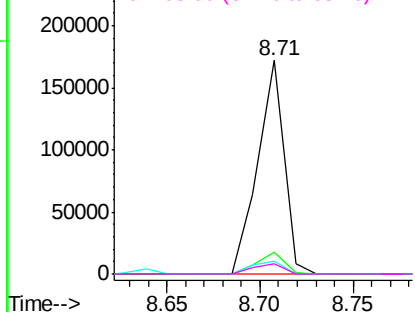


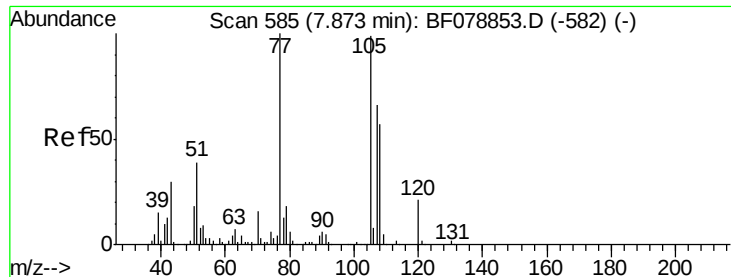
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion:136 Resp: 168089
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.3 6.9 10.3#
68 4.8 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

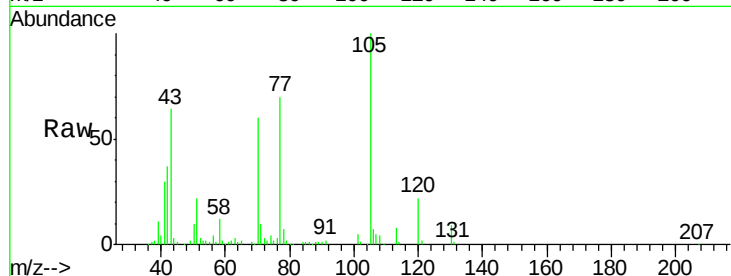




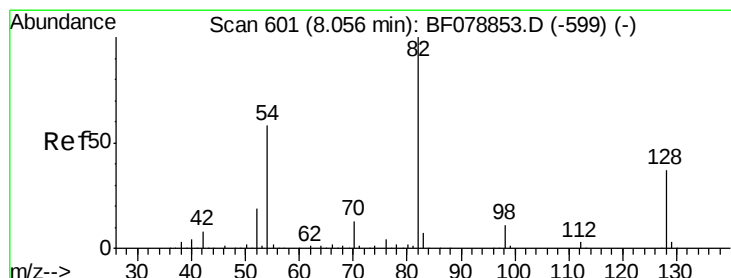
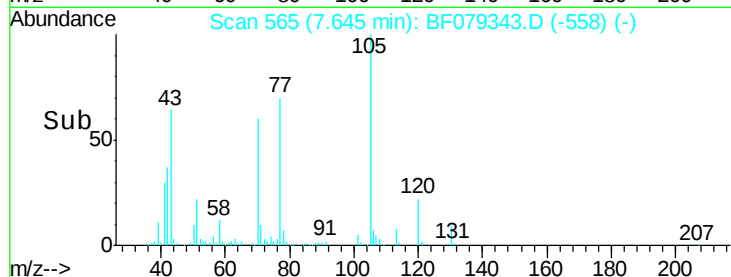
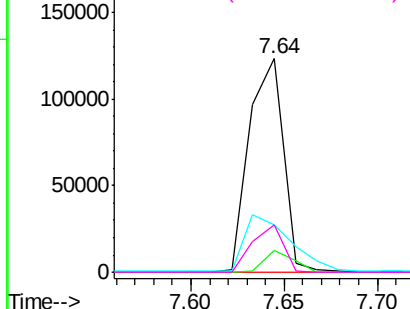
#22
Acetophenone
Concen: 41.30 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB83467BS

Tgt Ion: 105 Resp: 156840
Ion Ratio Lower Upper
105 100
71 10.0 2.2 3.4#
51 22.3 31.1 46.7#
120 22.3 16.7 25.1

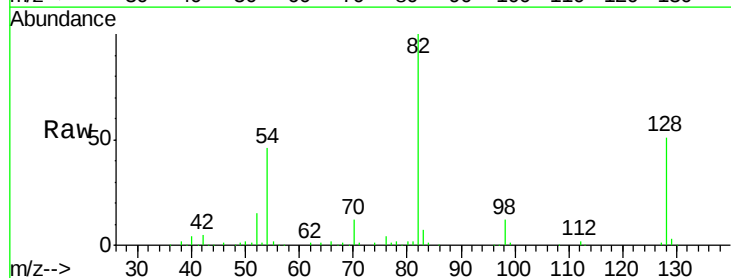


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

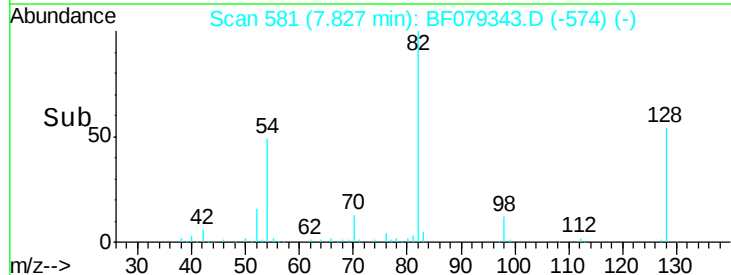
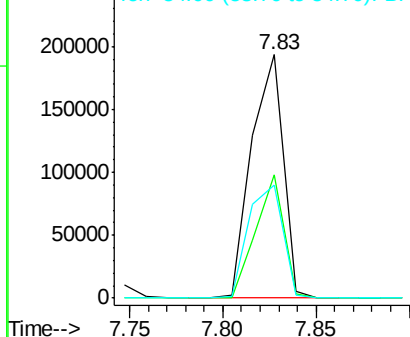


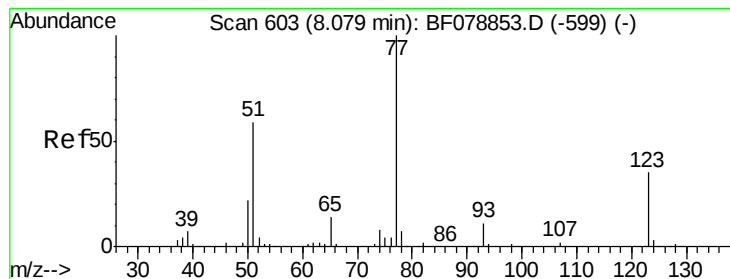
#23
Nitrobenzene-d5
Concen: 77.78 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion: 82 Resp: 227494
Ion Ratio Lower Upper
82 100
128 50.5 29.7 44.5#
54 46.5 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: 39.74 ng

RT: 7.85 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

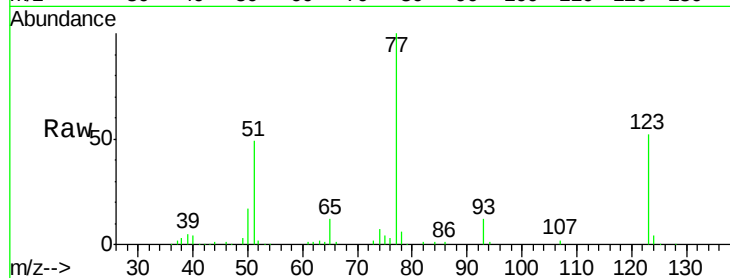
Tgt Ion: 77 Resp: 115195

Ion Ratio Lower Upper

77 100

123 52.4 28.3 42.5#

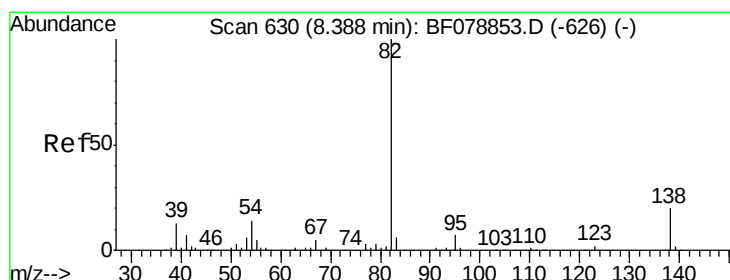
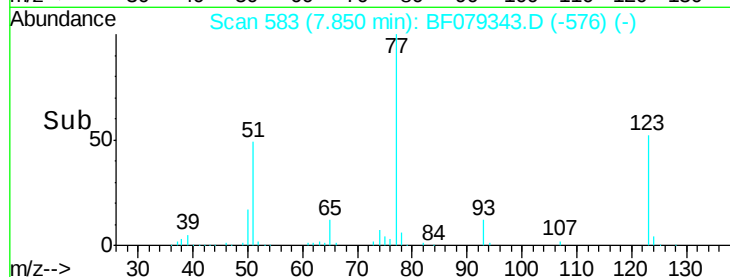
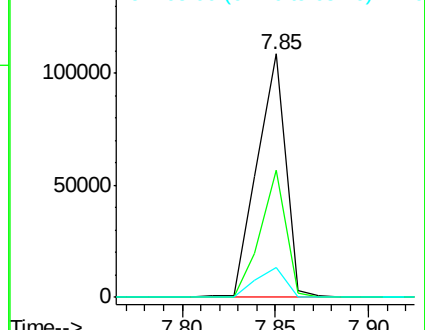
65 12.5 11.0 16.4



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: 40.70 ng

RT: 8.15 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

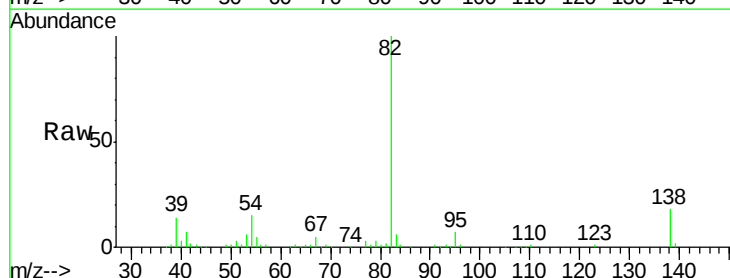
Tgt Ion: 82 Resp: 220681

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

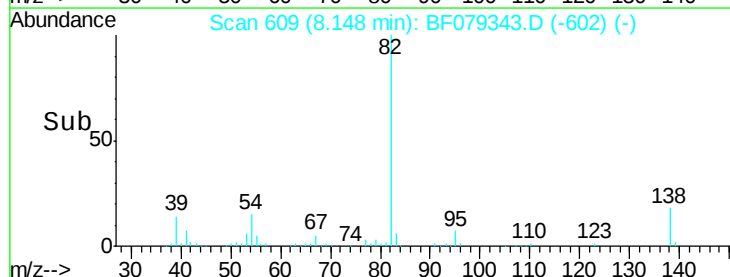
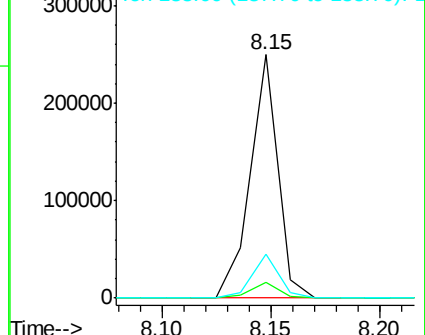
138 18.0 16.1 24.1

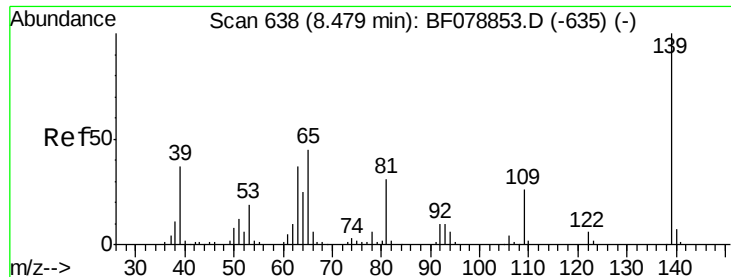


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

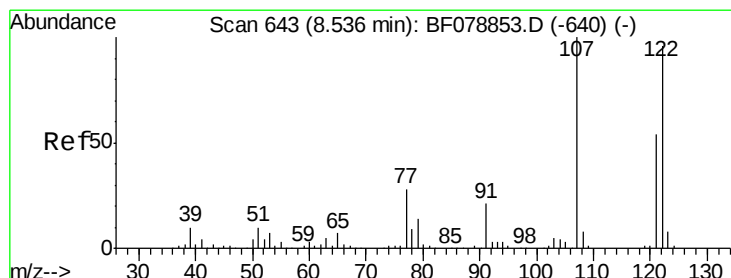
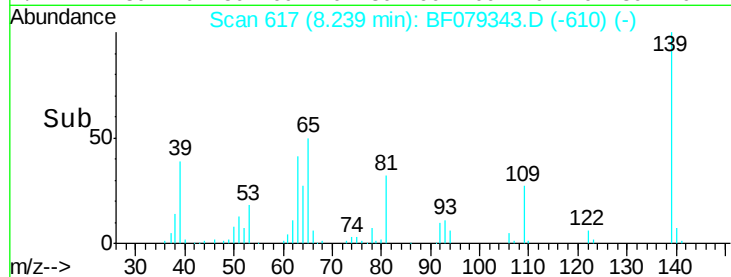
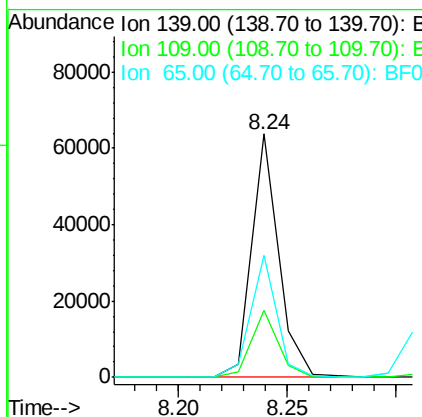
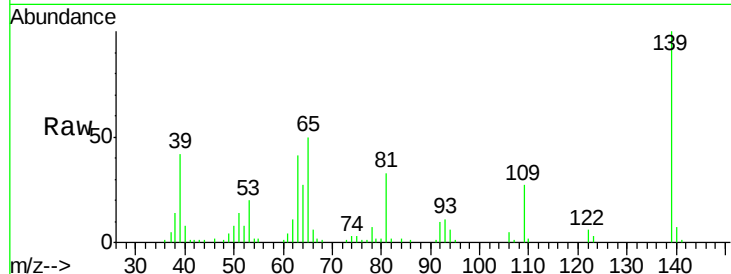




#26
 2-Nitrophenol
 Concen: 45.98 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

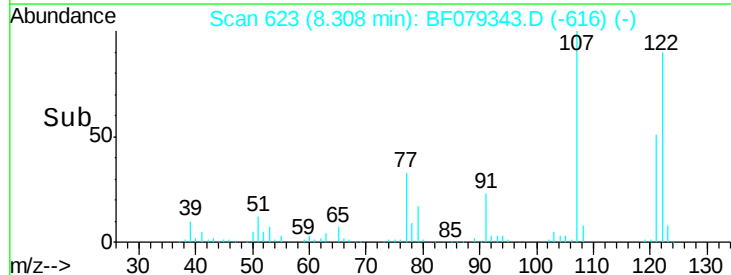
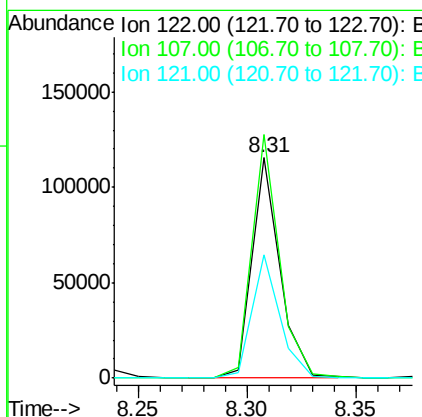
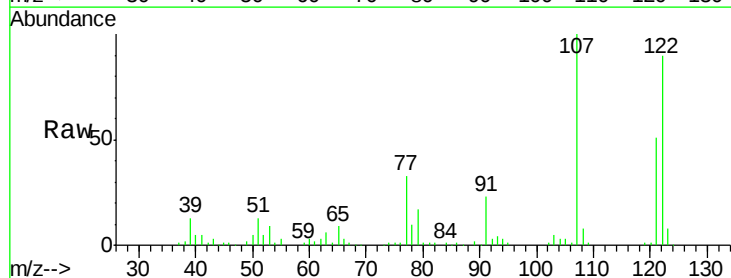
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

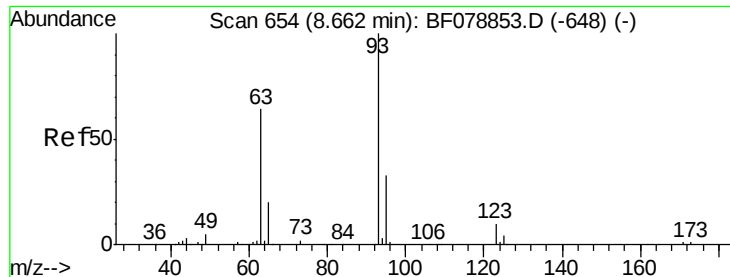
Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.3	20.9	31.3
65	50.1	35.8	53.8



#27
 2,4-Dimethylphenol
 Concen: 42.72 ng
 RT: 8.31 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	83.6	125.4
121	56.3	44.9	67.3

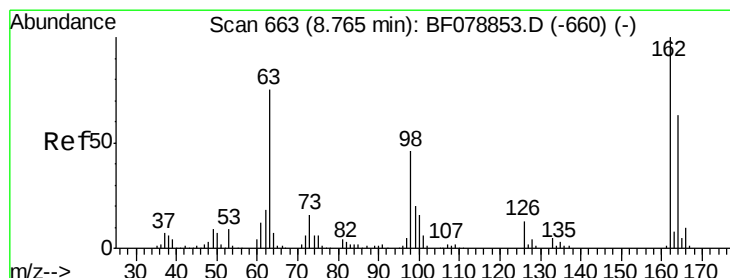
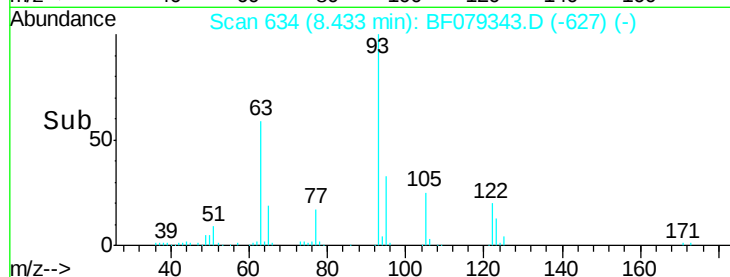
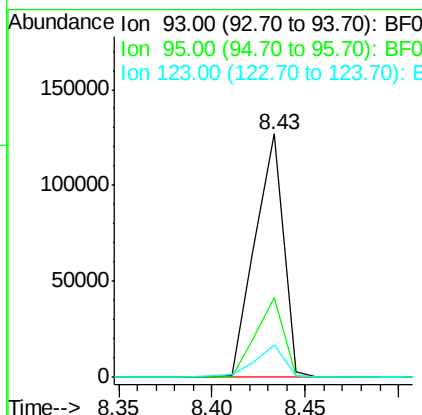
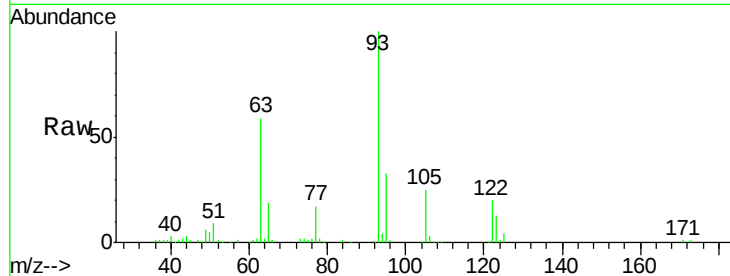




#28
bis(2-Chloroethoxy)methane
Concen: 40.18 ng
RT: 8.43 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

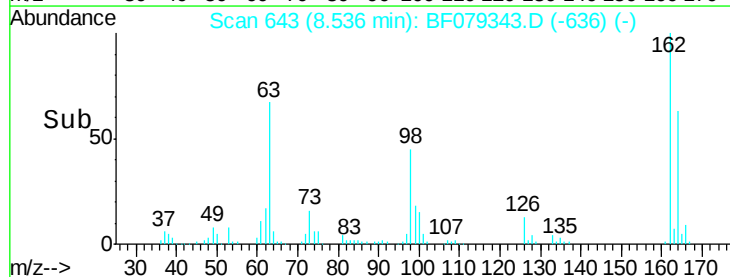
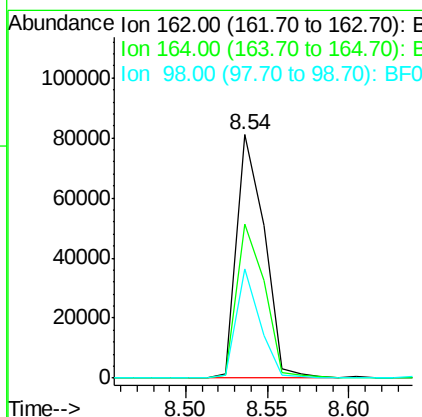
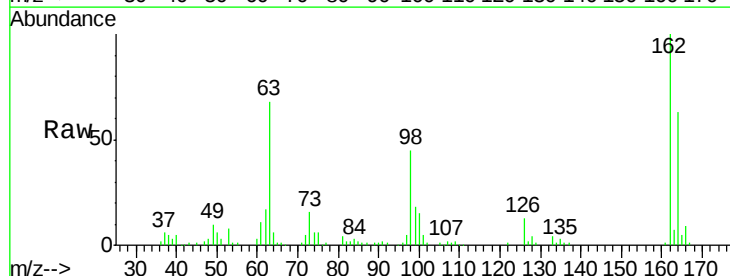
Instrument :
BNA_F
ClientSampleId :
PB83467BS

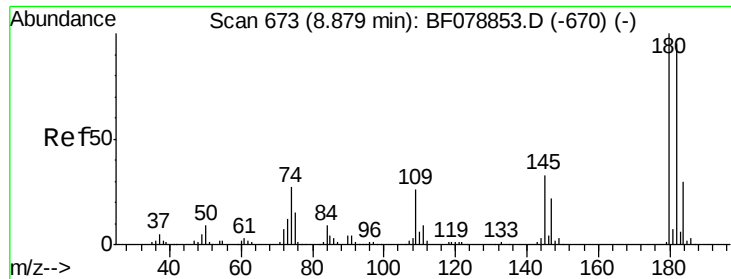
Tgt Ion: 93 Resp: 134291
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 13.3 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 44.50 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion: 162 Resp: 95006
Ion Ratio Lower Upper
162 100
164 63.0 42.7 82.7
98 45.0 26.3 66.3

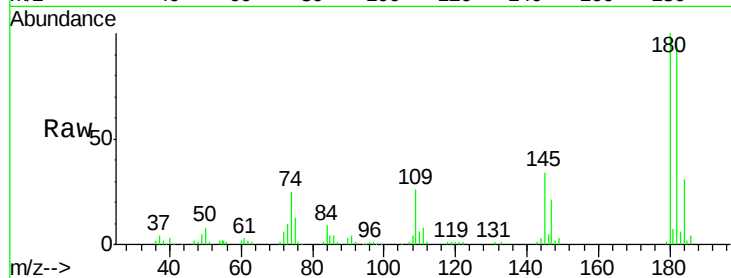




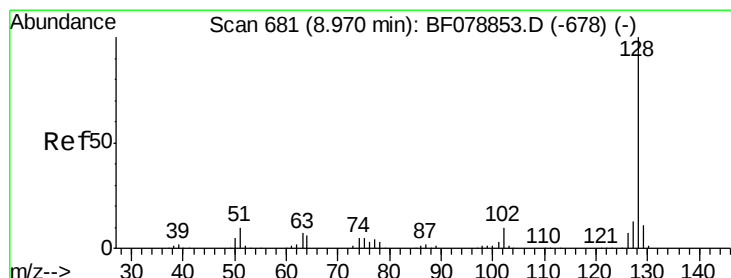
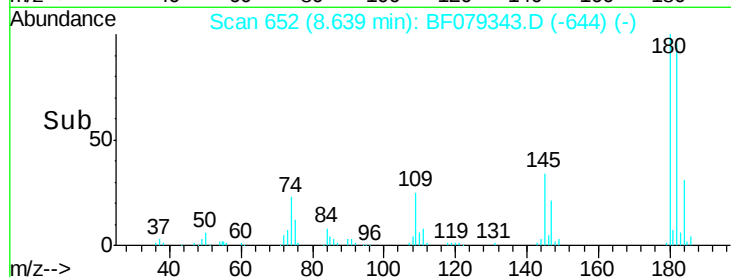
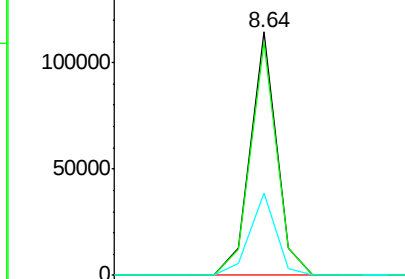
#30
 1,2,4-Trichlorobenzene
 Concen: 41.13 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Tgt Ion:180 Resp: 96467
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.7 113.5
 145 33.6 26.2 39.4

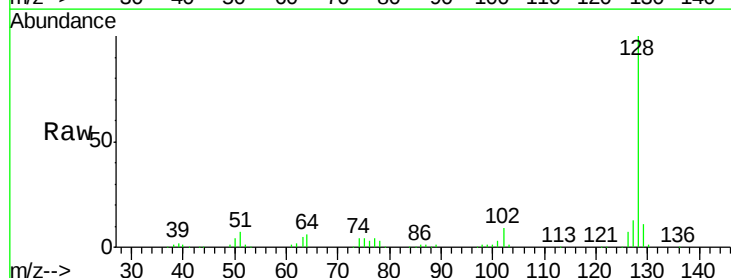


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

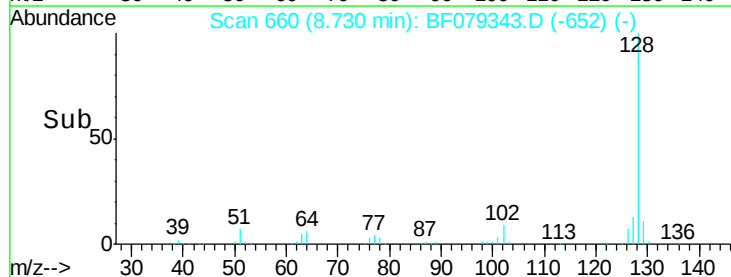
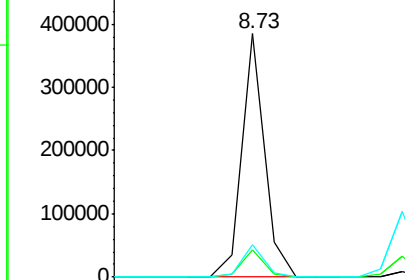


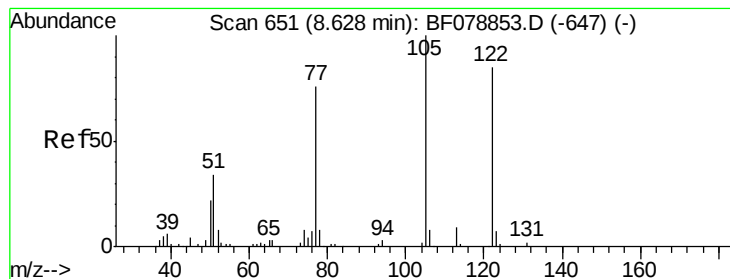
#31
 Naphthalene
 Concen: 40.99 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:128 Resp: 328289
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.2 13.8
 127 13.1 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: 36.98 ng

RT: 8.43 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

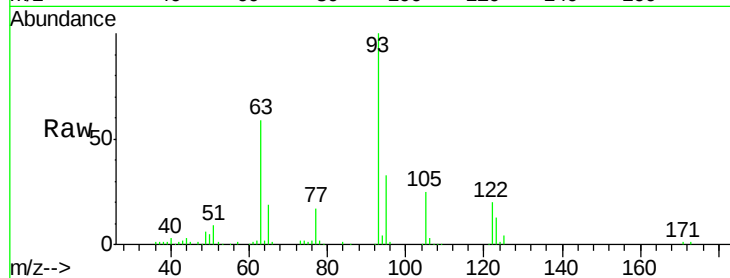
Tgt Ion:122 Resp: 53109

Ion Ratio Lower Upper

122 100

105 120.0 100.7 140.7

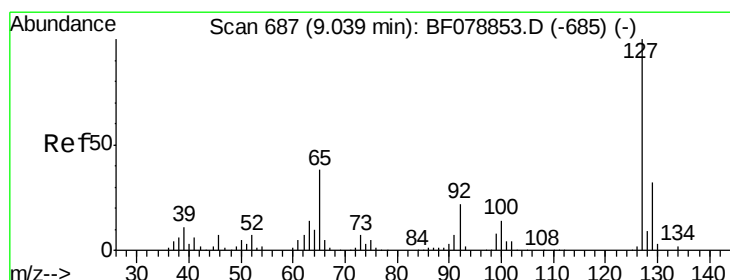
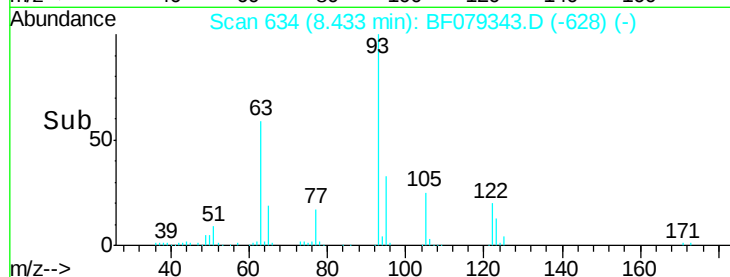
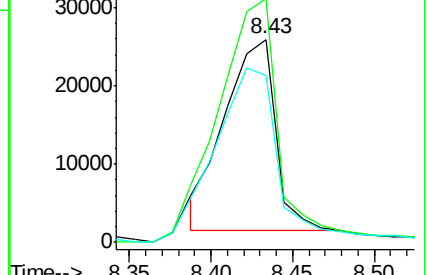
77 82.3 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 28.18 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Tgt Ion:127 Resp: 95518

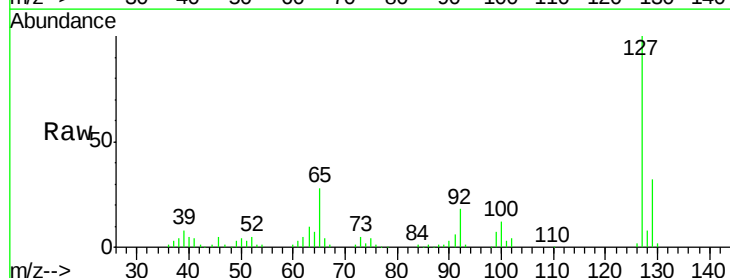
Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

65 28.5 30.2 45.4#

92 18.0 17.5 26.3

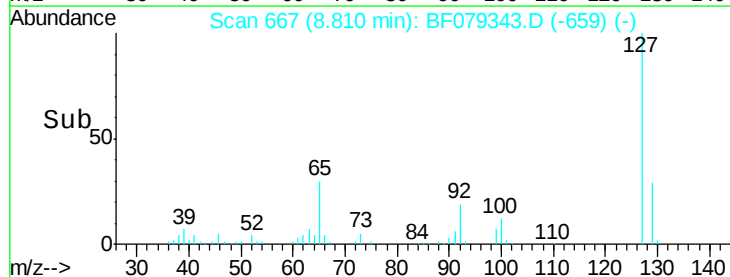
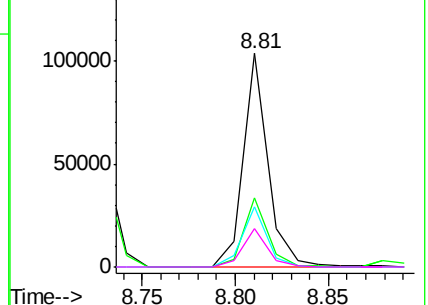


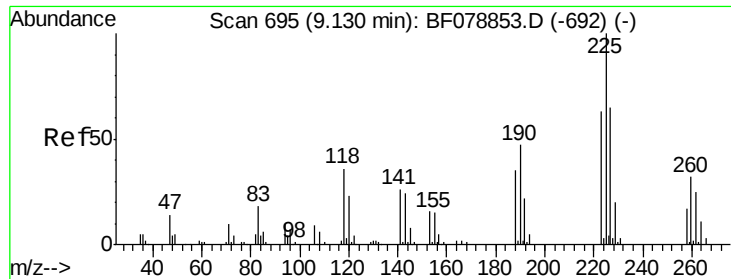
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

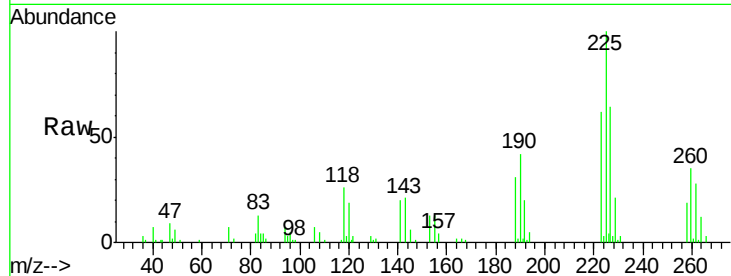




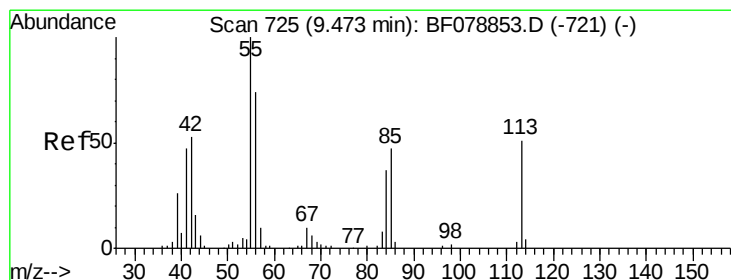
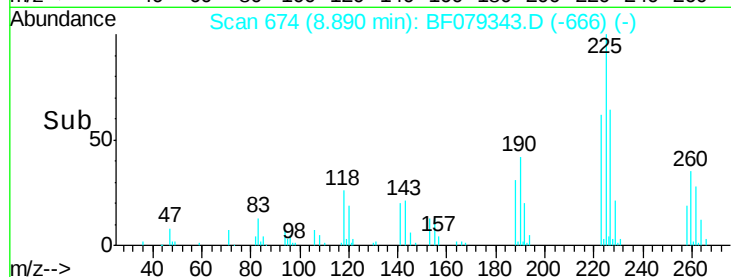
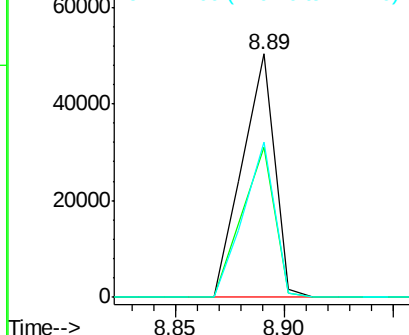
#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Instrument :
BNA_F
ClientSampleId :
PB83467BS

Tgt Ion: 225 Resp: 52051
Ion Ratio Lower Upper
225 100
223 61.7 50.6 75.8
227 63.6 52.1 78.1

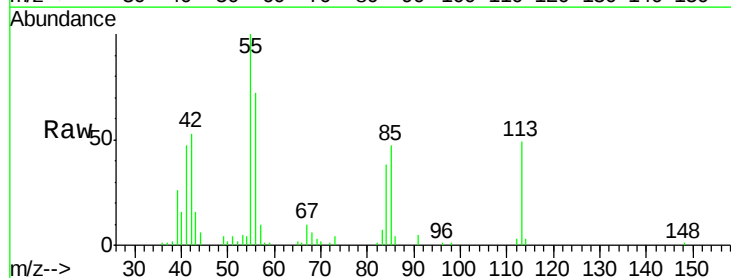


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

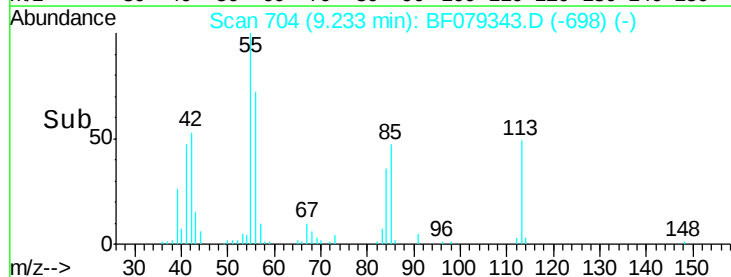
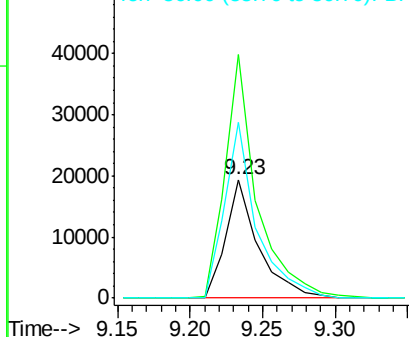


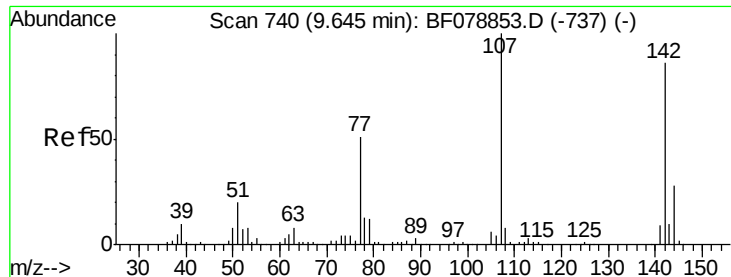
#35
Caprolactam
Concen: 43.99 ng
RT: 9.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion: 113 Resp: 30368
Ion Ratio Lower Upper
113 100
55 206.0 176.0 216.0
56 149.1 123.8 163.8



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

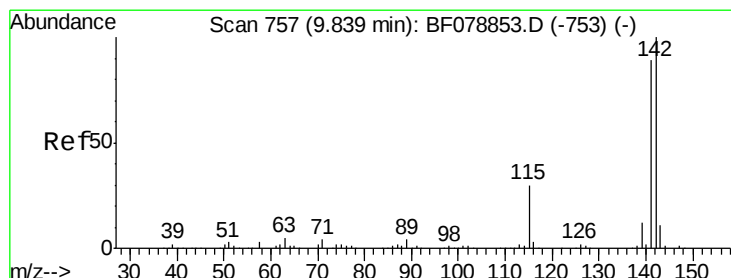
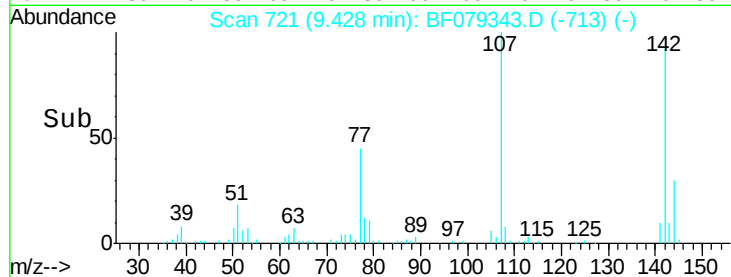
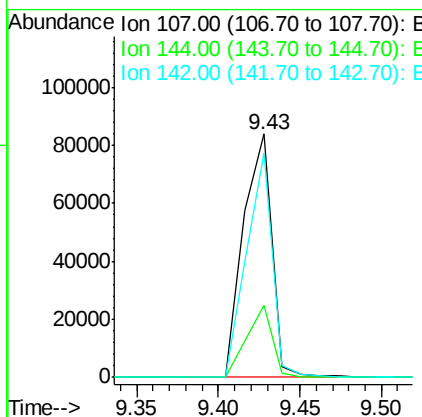
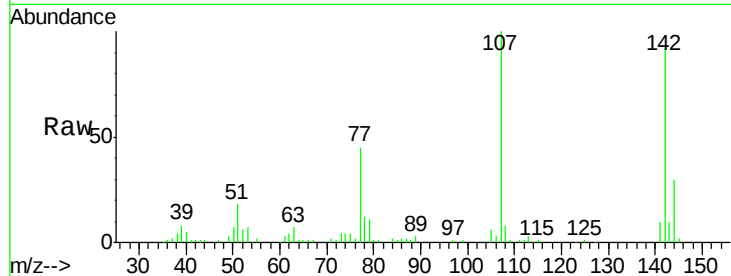




#36
 4-Chloro-3-methylphenol
 Concen: 45.10 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

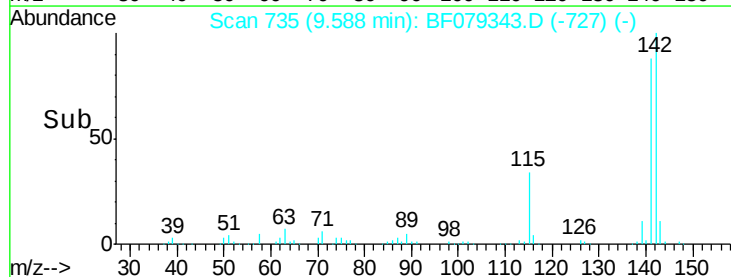
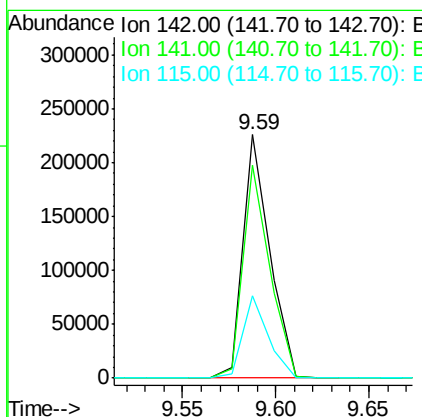
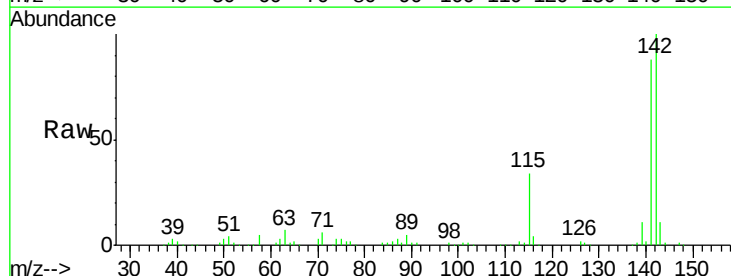
Instrument :
 BNA_F
 ClientSampled :
 PB83467BS

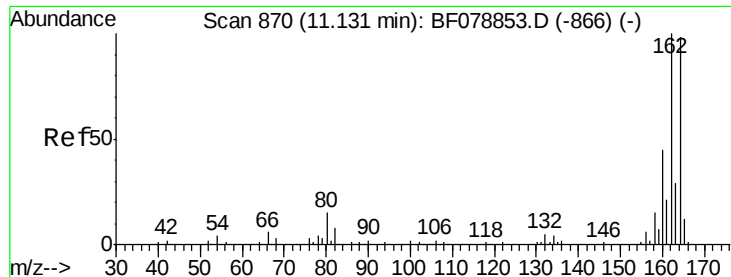
Tgt Ion:107 Resp: 101145
 Ion Ratio Lower Upper
 107 100
 144 29.8 22.5 33.7
 142 92.3 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 40.65 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:142 Resp: 225603
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.6 107.4
 115 33.9 24.2 36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

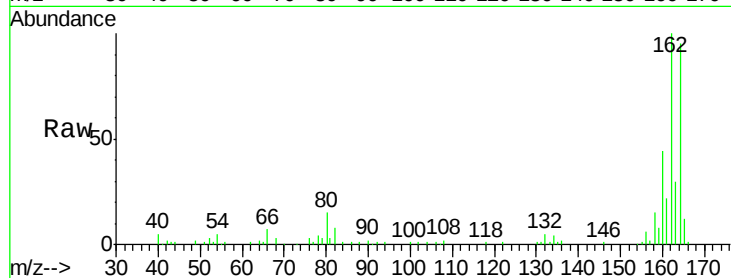
Tgt Ion:164 Resp: 81407

Ion Ratio Lower Upper

164 100

162 105.5 81.4 122.0

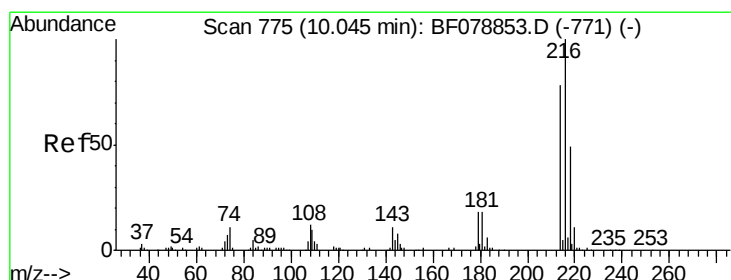
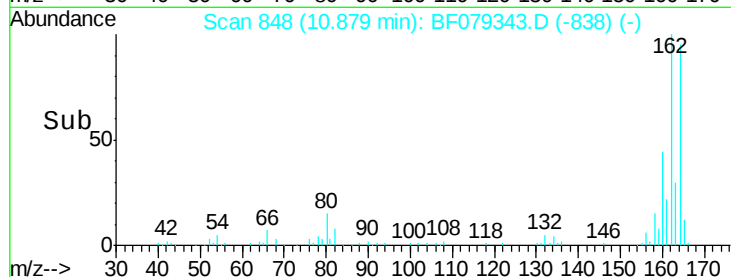
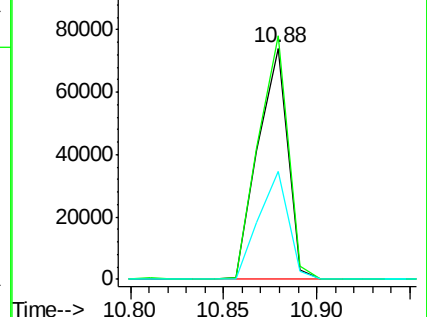
160 46.8 36.6 54.8



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: 39.41 ng

RT: 9.79 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Tgt Ion:216 Resp: 90348

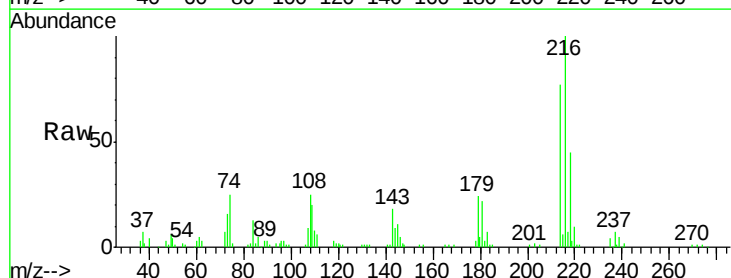
Ion Ratio Lower Upper

216 100

214 77.2 64.0 96.0

179 22.1 17.0 25.4

108 23.5 17.0 25.6

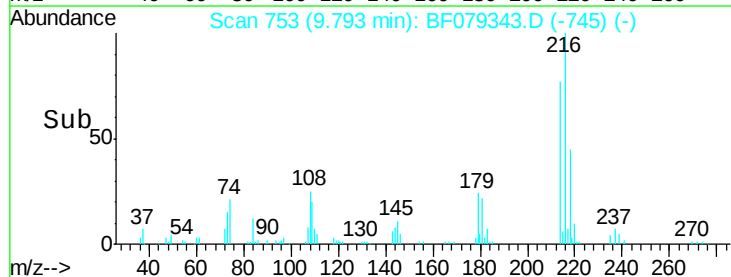
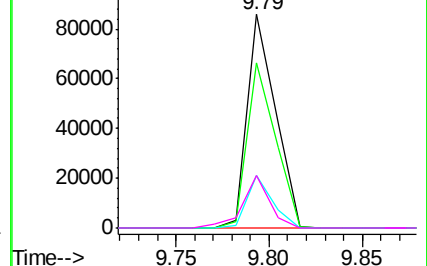


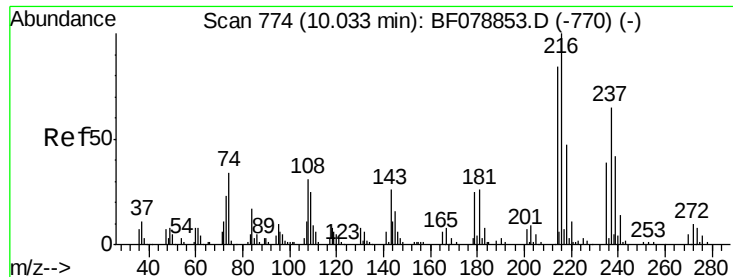
Abundance Ion 216.00 (215.70 to 216.70): E

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

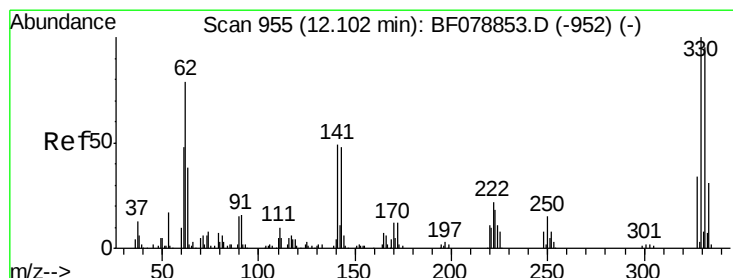
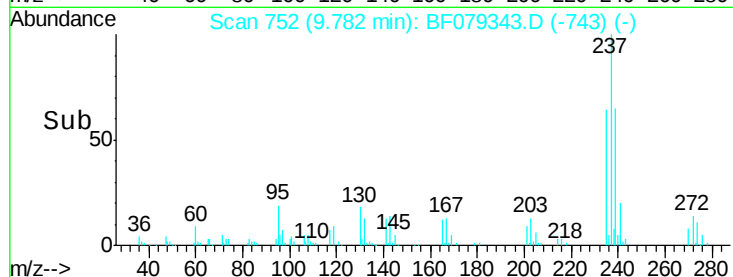
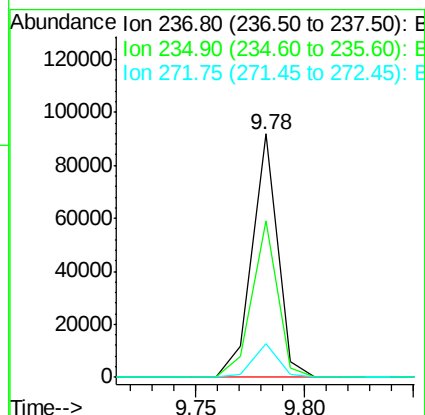
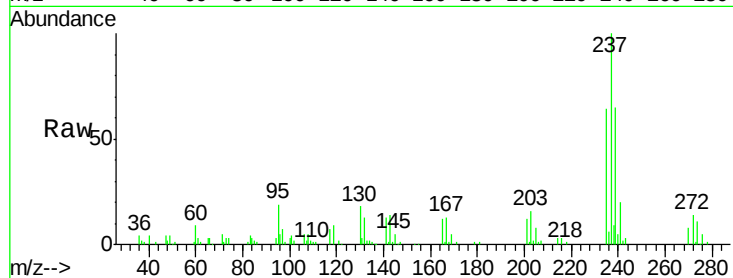




#40
Hexachlorocyclopentadiene
Concen: 65.16 ng
RT: 9.78 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

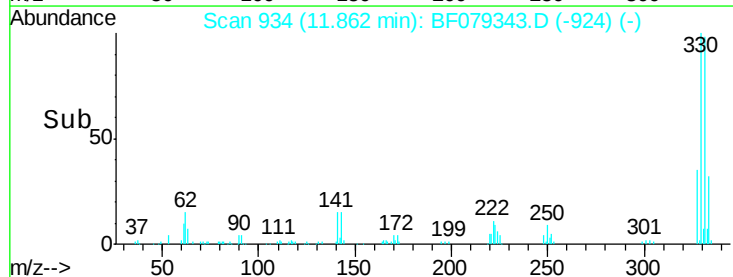
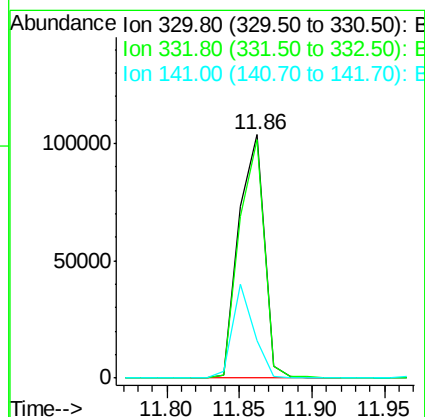
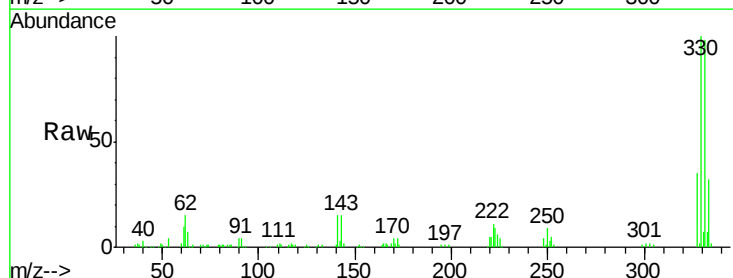
Instrument :
BNA_F
ClientSampleId :
PB83467BS

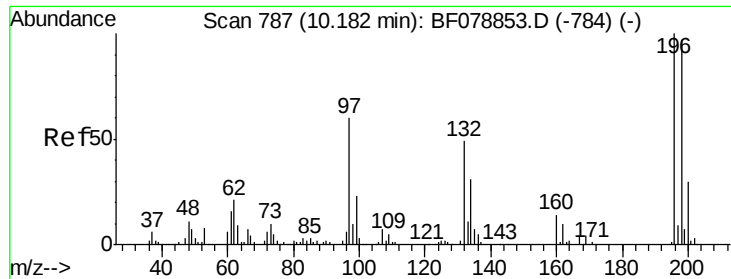
Tgt Ion: 237 Resp: 75117
Ion Ratio Lower Upper
237 100
235 64.3 40.0 80.0
272 14.0 0.0 36.0



#41
2,4,6-Tribromophenol
Concen: 144.05 ng
RT: 11.86 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion: 330 Resp: 126861
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 32.7 27.8 41.8

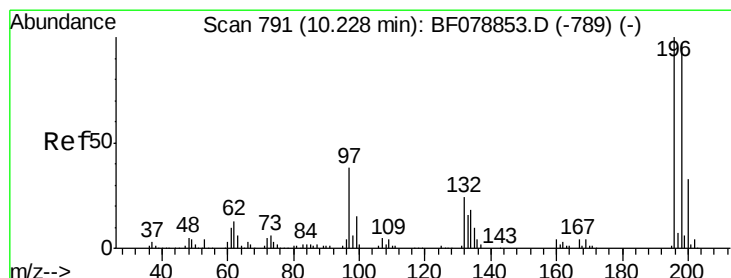
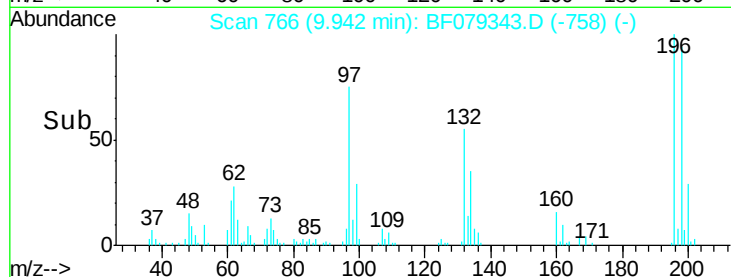
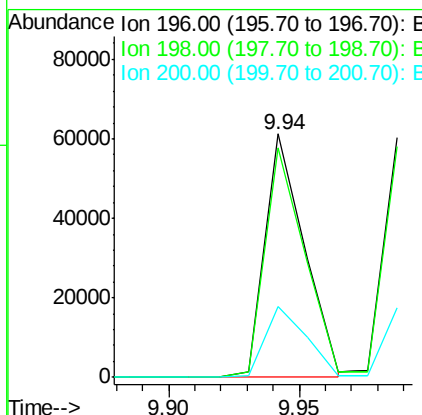
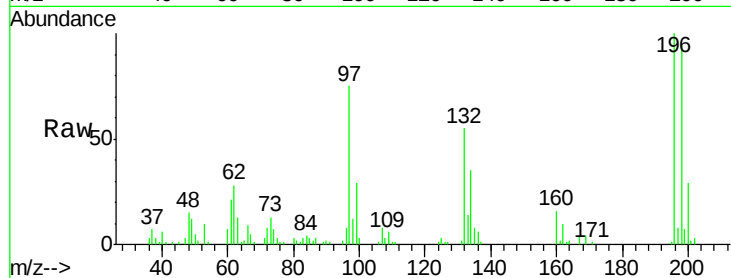




#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

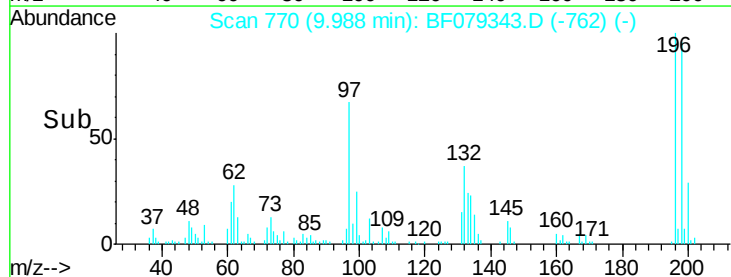
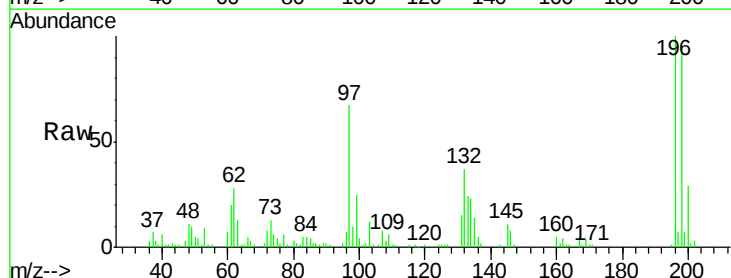
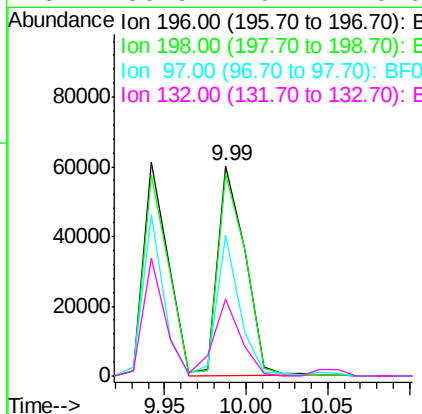
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

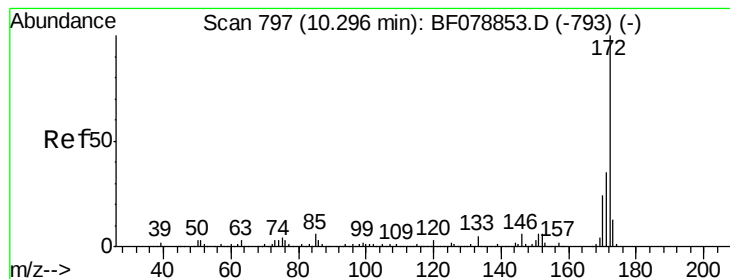
Tgt Ion:196 Resp: 64390
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.4 116.2
 200 29.3 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 43.71 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:196 Resp: 69662
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.3 115.9
 97 66.8 31.3 46.9#
 132 36.5 19.7 29.5#





#44

2-Fluorobiphenyl

Concen: 81.34 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

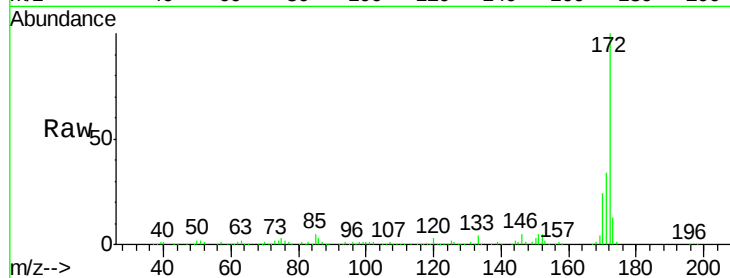
Tgt Ion:172 Resp: 475265

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

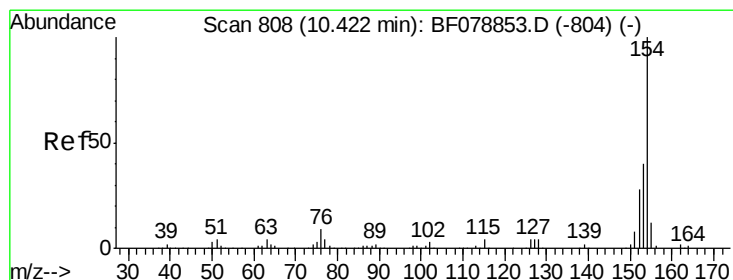
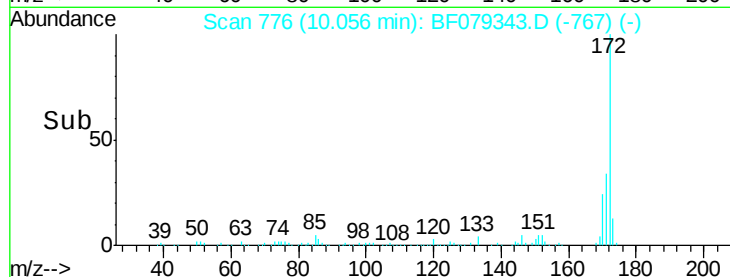
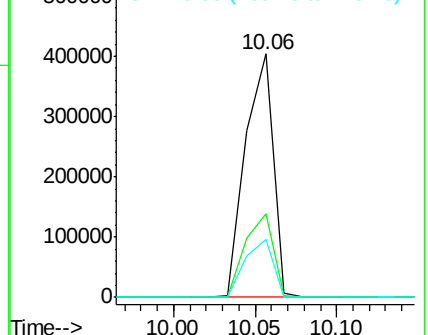
170 23.7 19.4 29.2



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: 42.02 ng

RT: 10.17 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

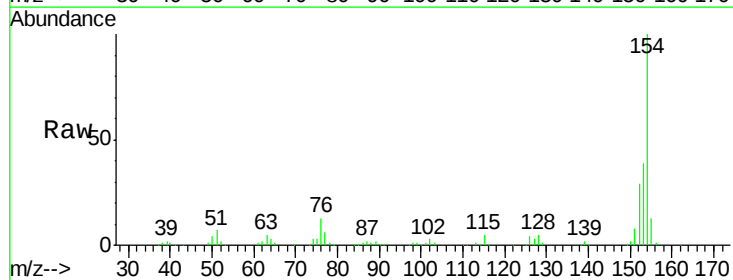
Tgt Ion:154 Resp: 271958

Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

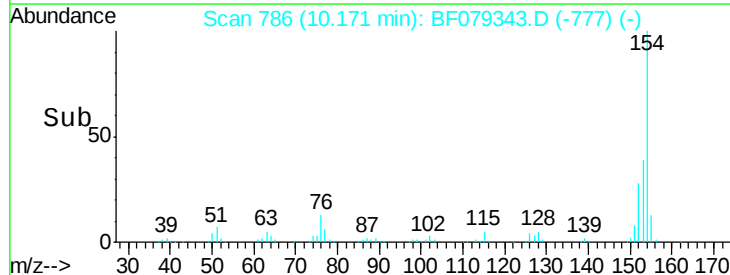
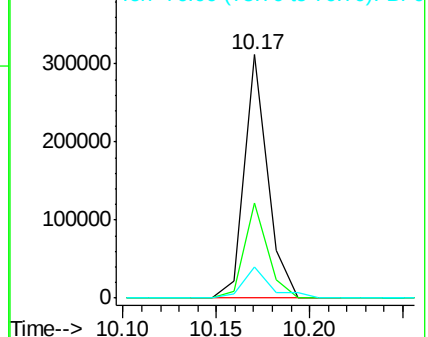
76 12.8 0.0 29.1

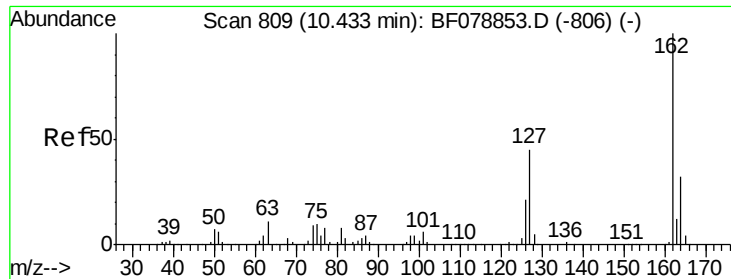


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

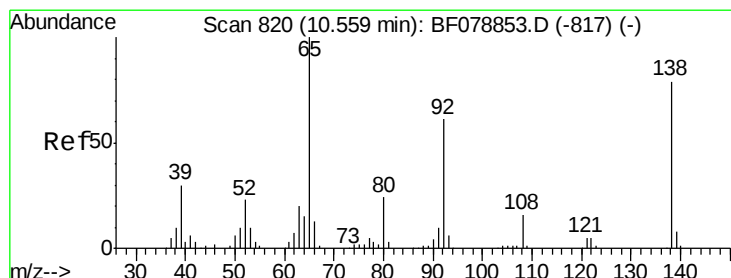
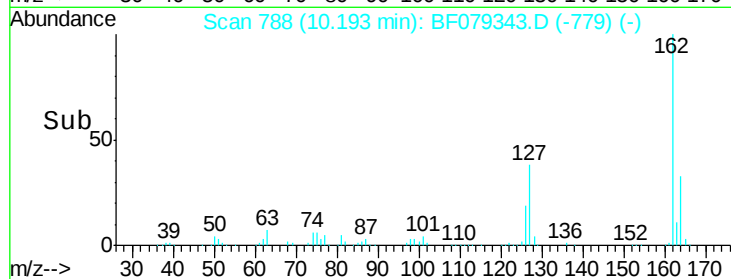
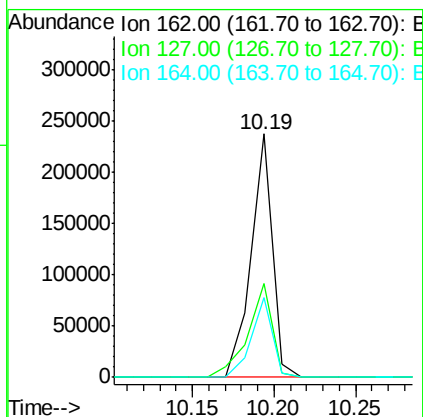
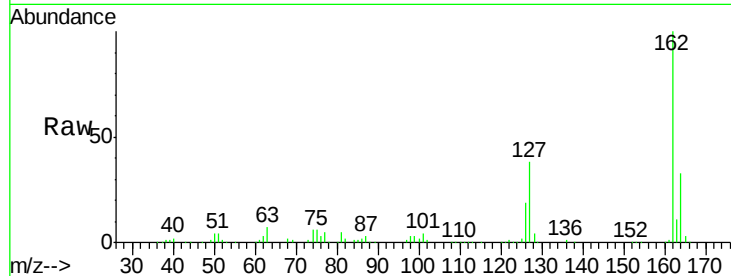




#46
2-Chloronaphthalene
Concen: 42.81 ng
RT: 10.19 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

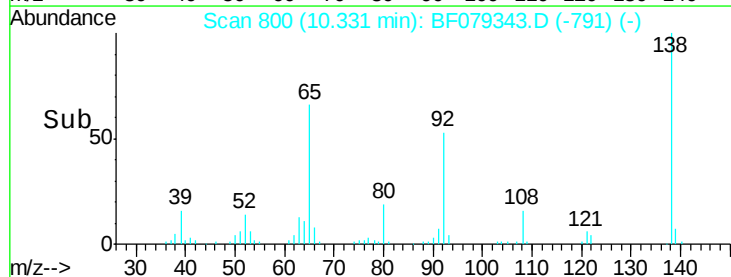
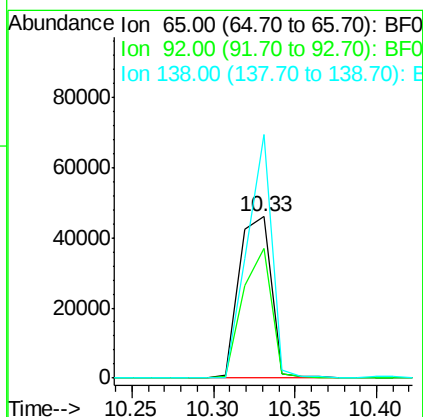
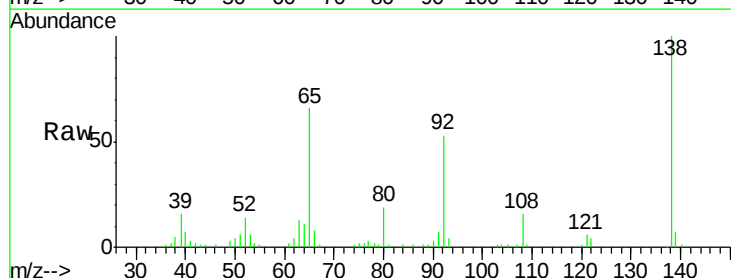
Instrument :
BNA_F
ClientSampleId :
PB83467BS

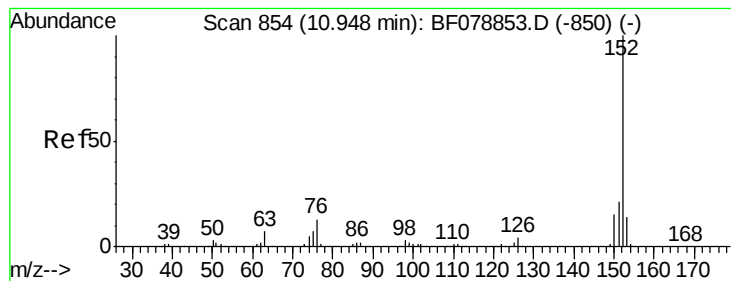
Tgt Ion: 162 Resp: 216081
Ion Ratio Lower Upper
162 100
127 38.5 36.3 54.5
164 32.8 25.9 38.9



#47
2-Nitroaniline
Concen: 42.84 ng
RT: 10.33 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion: 65 Resp: 62665
Ion Ratio Lower Upper
65 100
92 80.6 49.1 73.7#
138 150.8 63.2 94.8#





#48

Acenaphthylene

Concen: 42.02 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

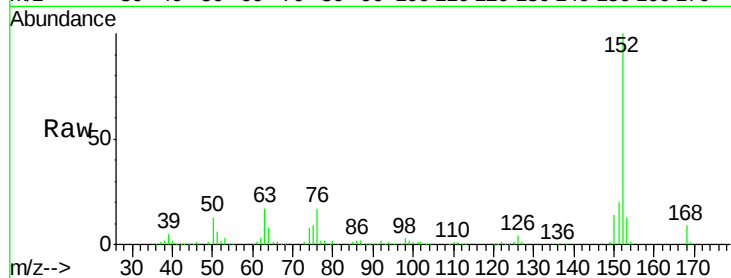
Tgt Ion:152 Resp: 348244

Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

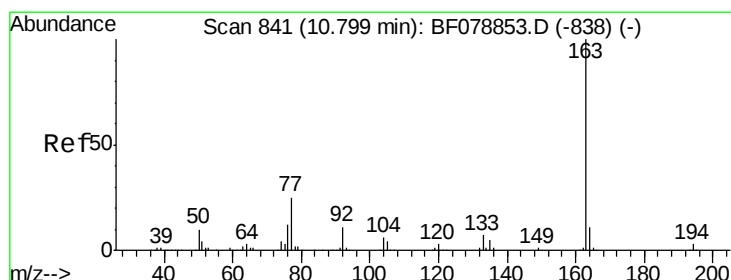
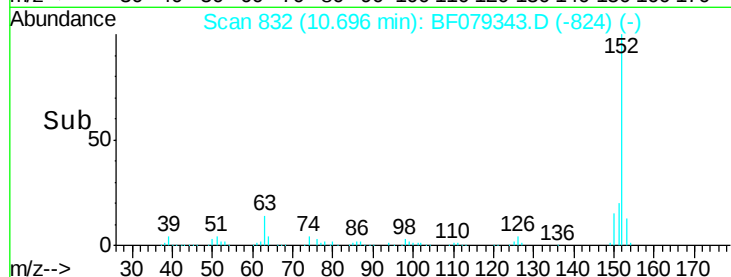
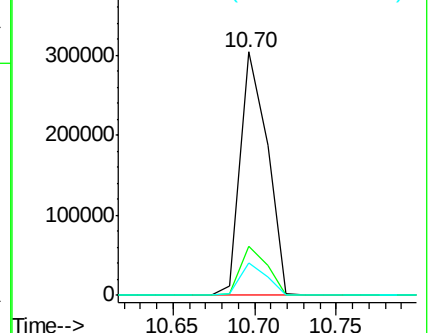
153 13.5 11.0 16.6



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: 41.48 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

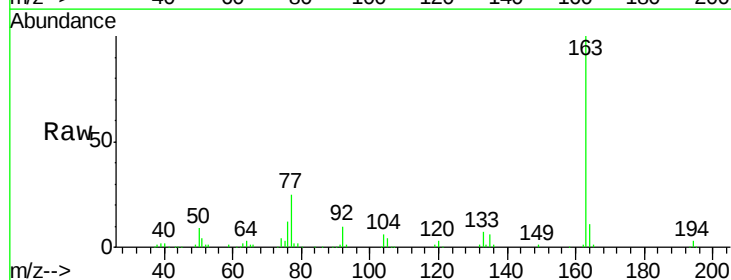
Tgt Ion:163 Resp: 247834

Ion Ratio Lower Upper

163 100

194 2.9 2.4 3.6

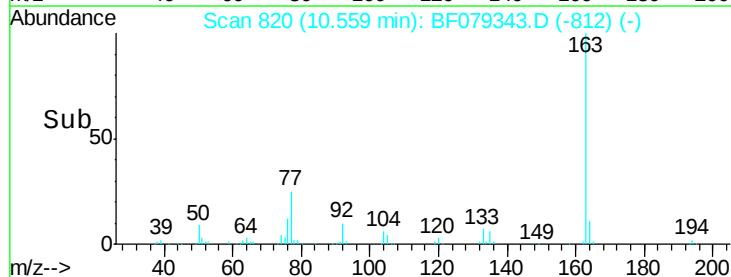
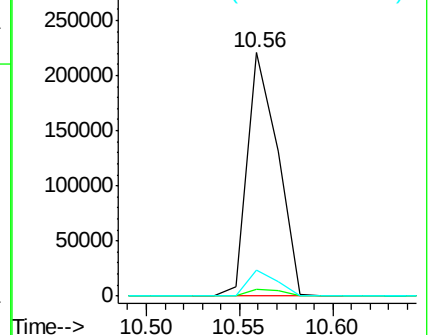
164 10.5 8.6 12.8

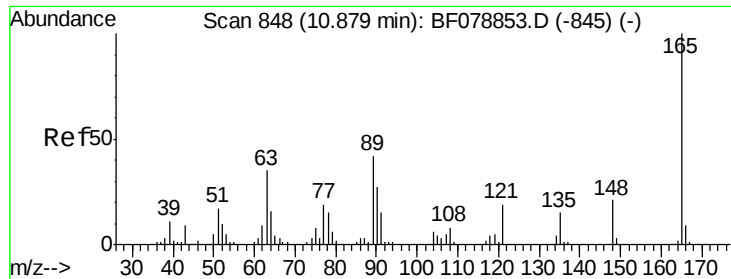


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

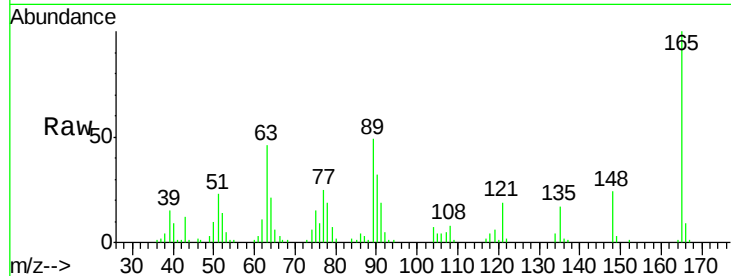




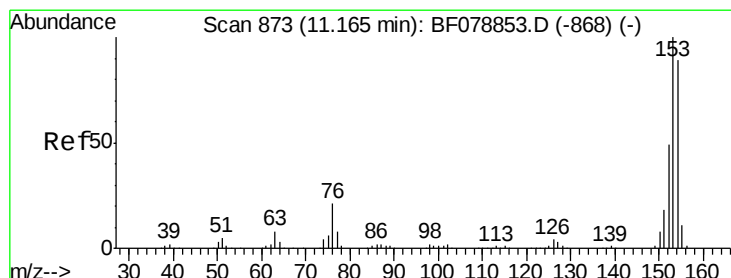
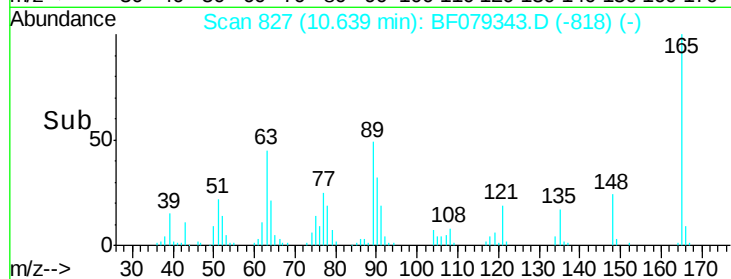
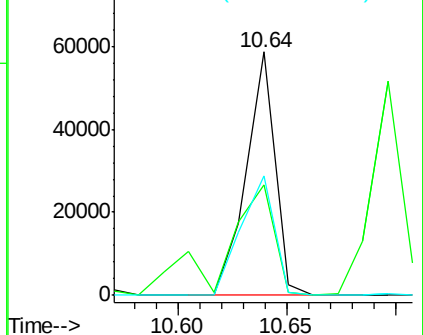
#50
 2,6-Dinitrotoluene
 Concen: 45.68 ng
 RT: 10.64 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Tgt Ion:165 Resp: 53861
 Ion Ratio Lower Upper
 165 100
 63 45.6 29.2 43.8#
 89 49.0 33.3 49.9

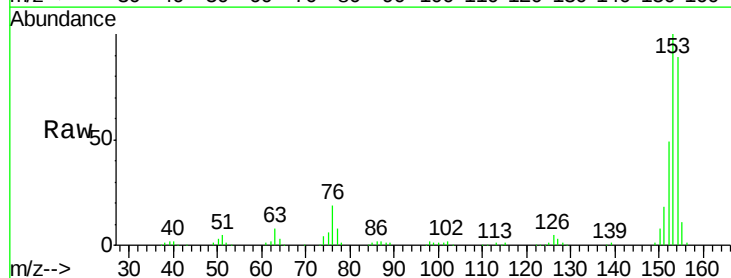


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

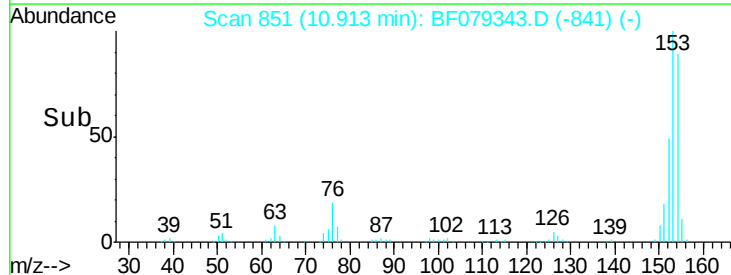
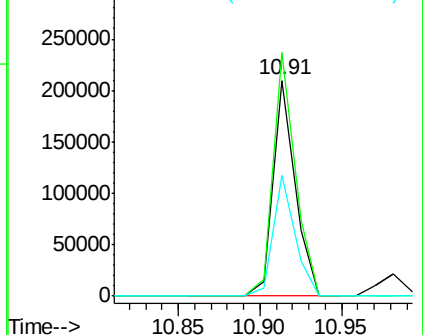


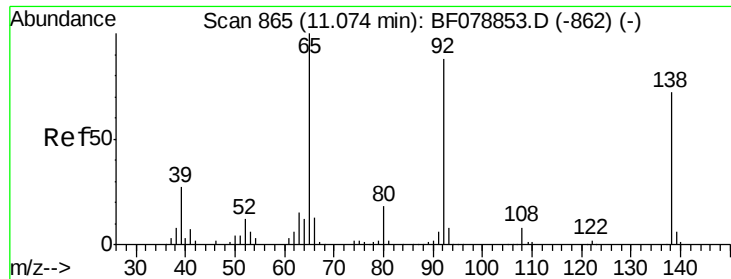
#51
 Acenaphthene
 Concen: 40.24 ng
 RT: 10.91 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:154 Resp: 198892
 Ion Ratio Lower Upper
 154 100
 153 112.7 90.2 135.2
 152 55.8 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

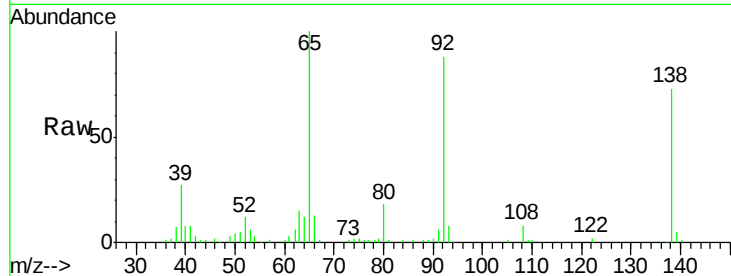




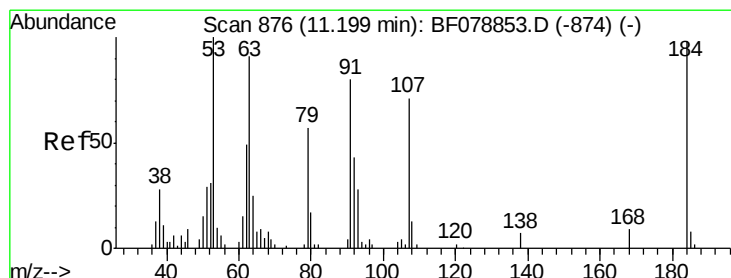
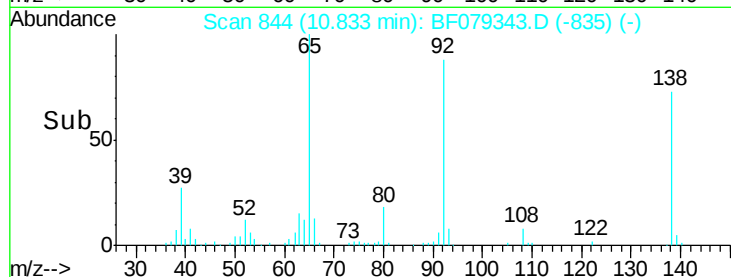
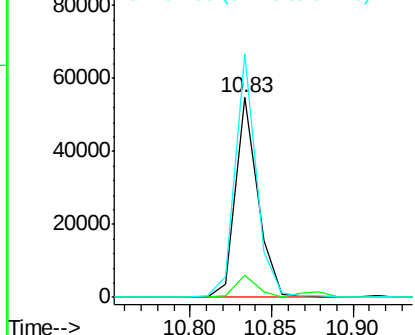
#52
 3-Nitroaniline
 Concen: 34.99 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Tgt Ion:138 Resp: 51541
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.5 12.7
 92 121.7 97.4 146.0

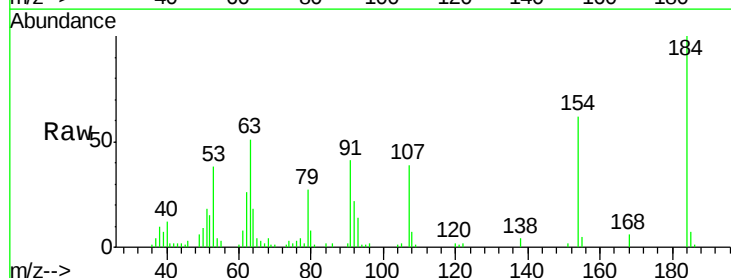


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

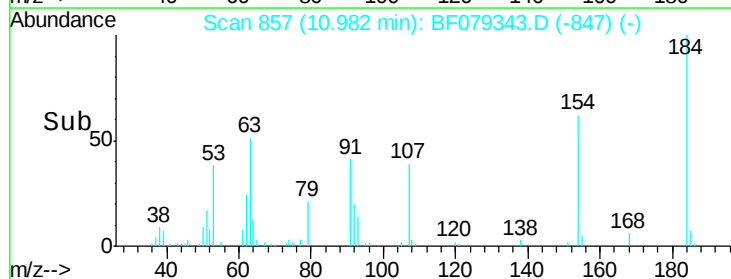
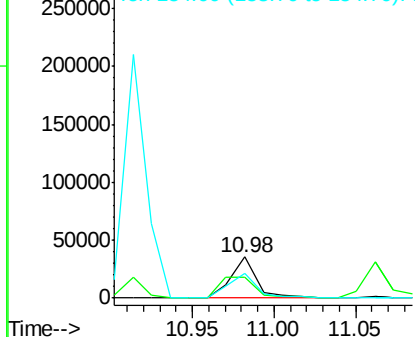


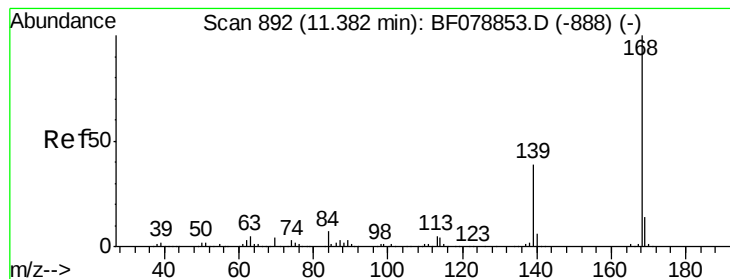
#53
 2,4-Dinitrophenol
 Concen: 79.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:184 Resp: 39223
 Ion Ratio Lower Upper
 184 100
 63 51.1 98.8 148.2#
 154 61.7 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: 43.58 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

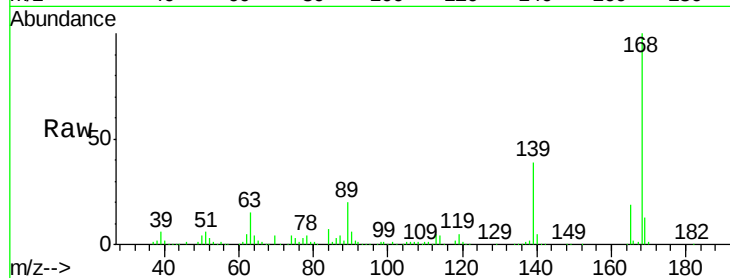
Tgt Ion:168 Resp: 311173

Ion Ratio Lower Upper

168 100

139 39.1 31.5 47.3

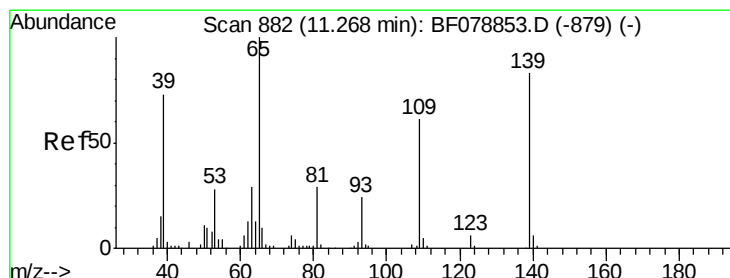
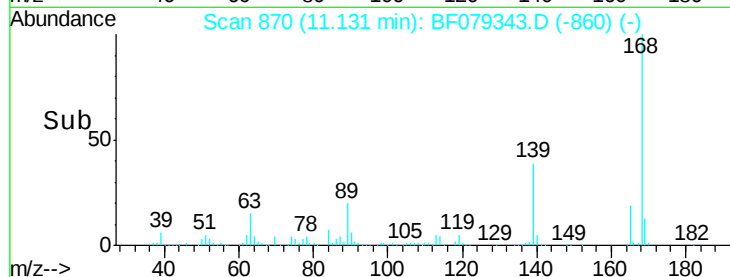
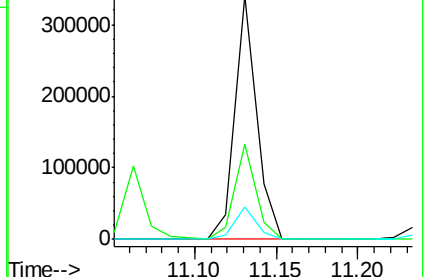
169 13.4 11.0 16.4



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: 82.10 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

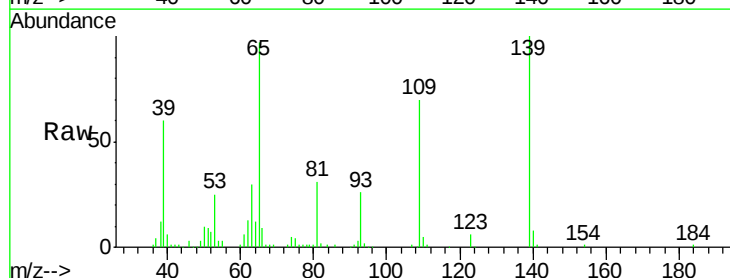
Tgt Ion:139 Resp: 95707

Ion Ratio Lower Upper

139 100

109 70.0 54.4 94.4

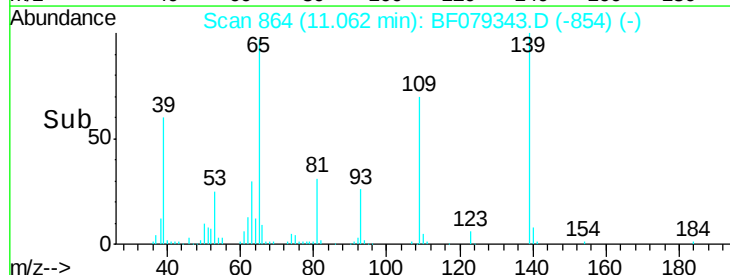
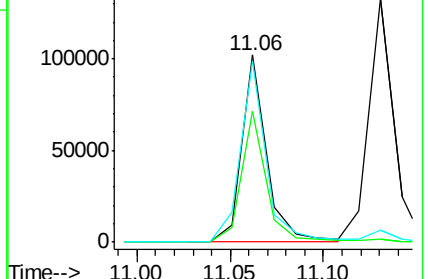
65 96.6 101.0 141.0#

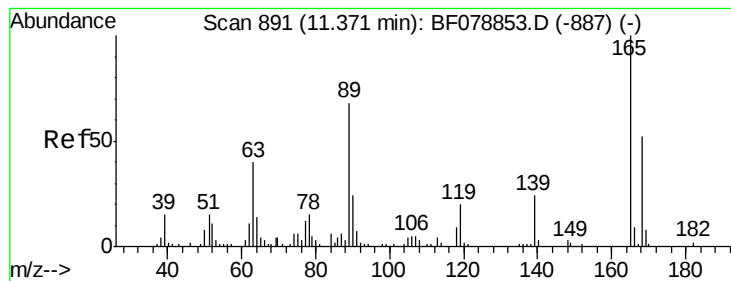


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 44.98 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

Tgt Ion:165 Resp: 70107

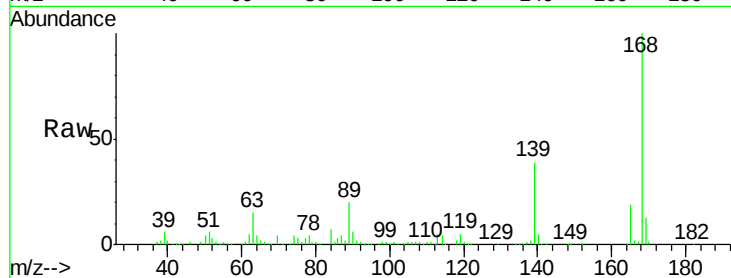
Ion Ratio Lower Upper

165 100

63 80.5 32.3 48.5#

89 105.2 54.6 81.8#

182 2.1 1.8 2.6

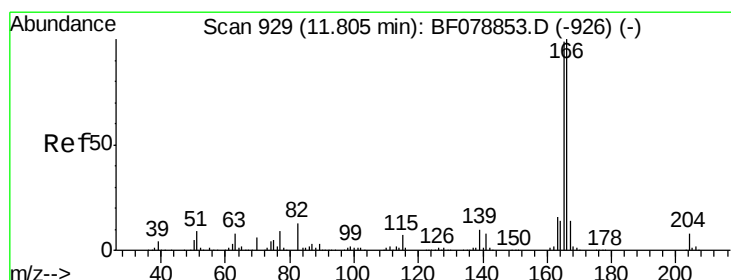
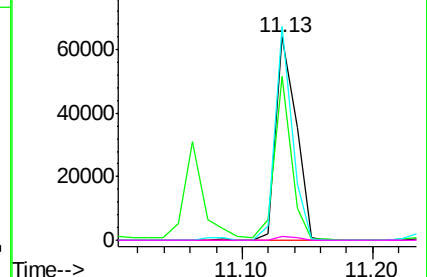
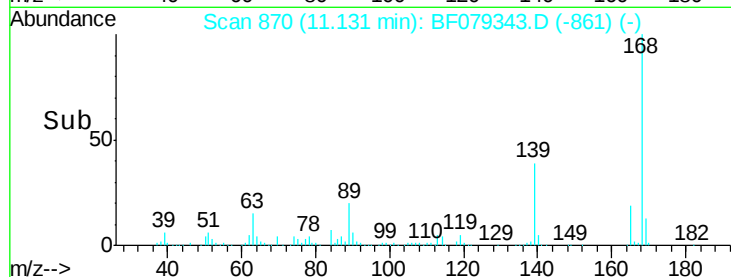


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.29 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

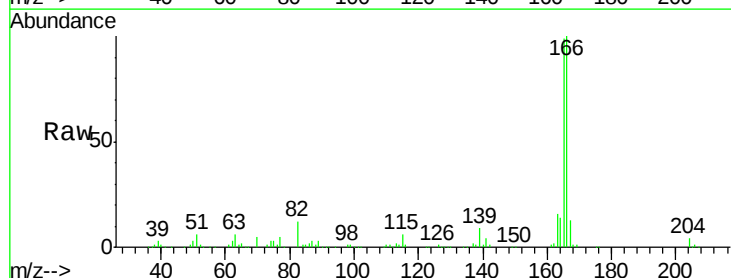
Tgt Ion:166 Resp: 253695

Ion Ratio Lower Upper

166 100

165 98.8 79.5 119.3

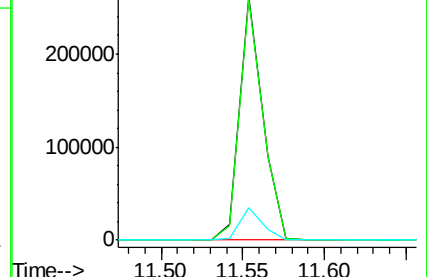
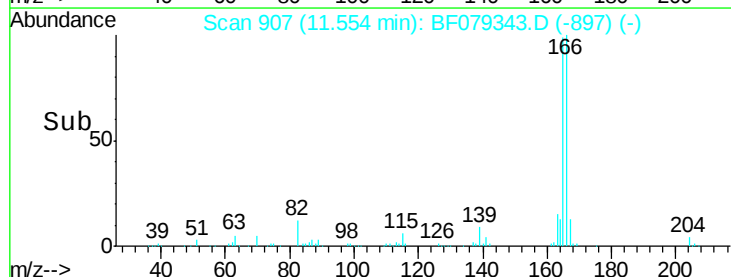
167 13.2 11.0 16.6

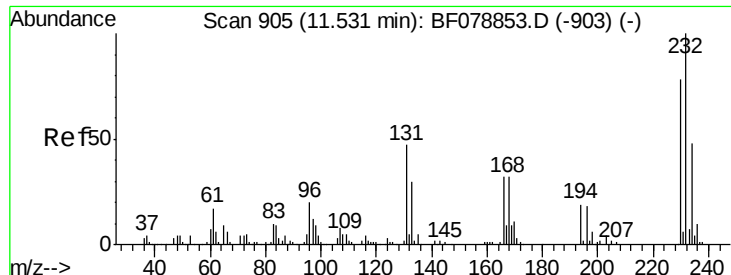


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

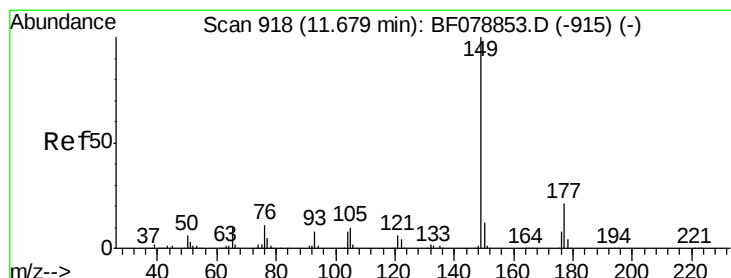
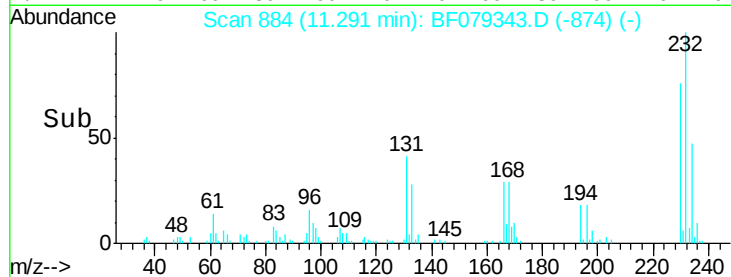
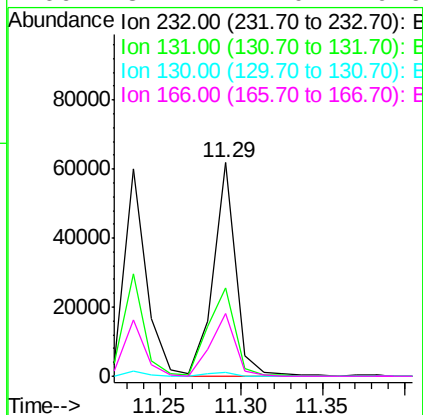
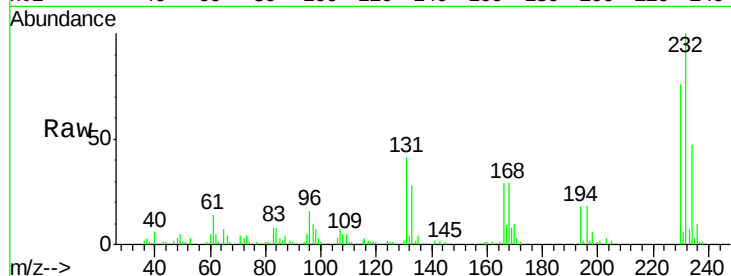




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.53 ng
 RT: 11.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

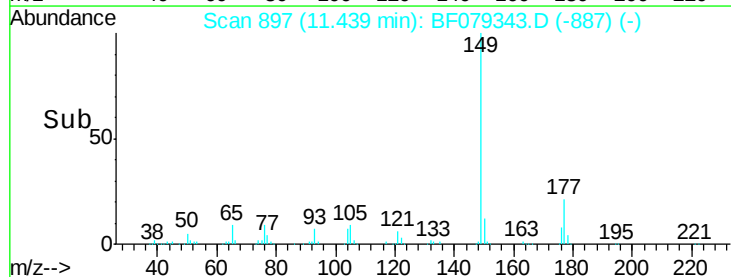
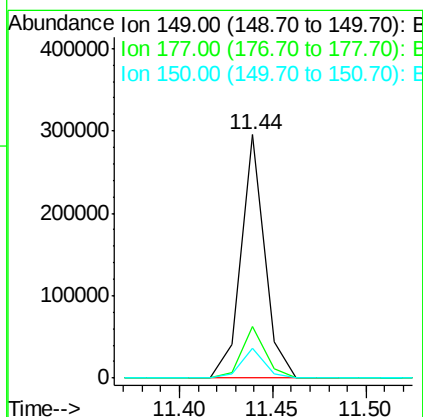
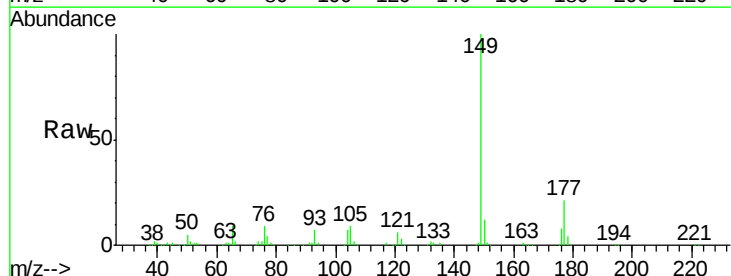
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

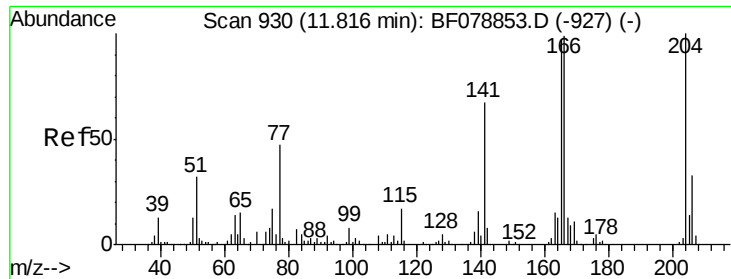
Tgt Ion:	232	Resp:	59292
Ion	Ratio	Lower	Upper
232	100		
131	49.7	41.9	62.9
130	2.3	1.9	2.9
166	32.1	27.0	40.6



#59
 Diethylphthalate
 Concen: 44.07 ng
 RT: 11.44 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:	149	Resp:	260835
Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.4	24.6
150	12.2	9.8	14.6

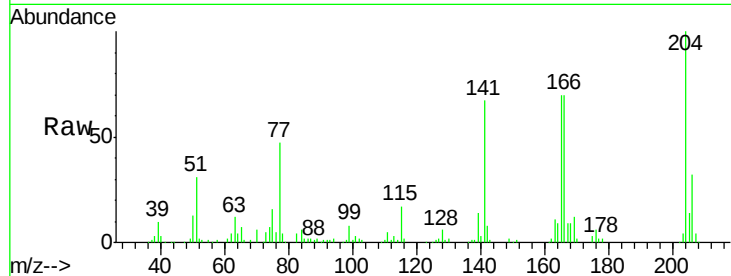




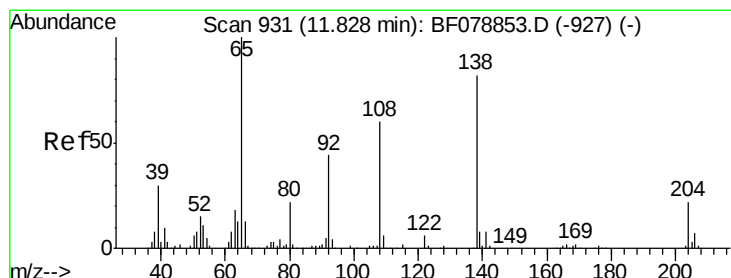
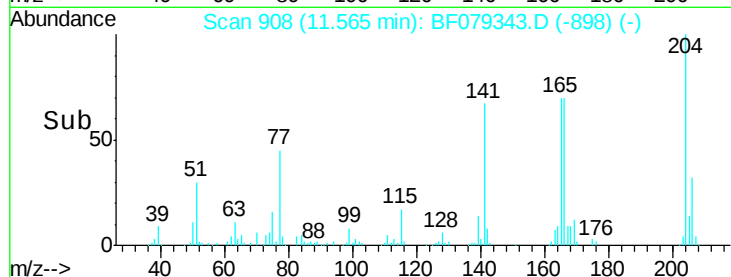
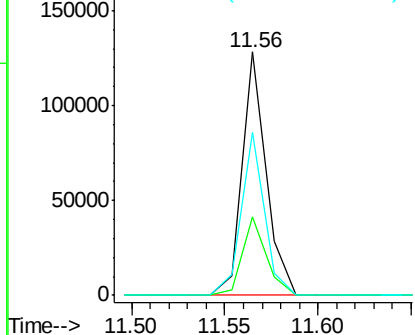
#60
 4-Chlorophenyl-phenylether
 Concen: 44.08 ng
 RT: 11.56 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

Tgt Ion: 204 Resp: 114583
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.2 39.4
 141 67.0 53.6 80.4

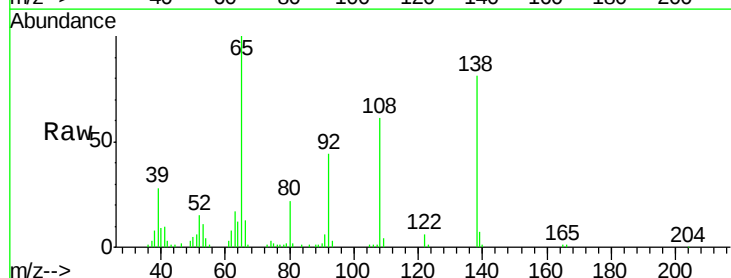


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

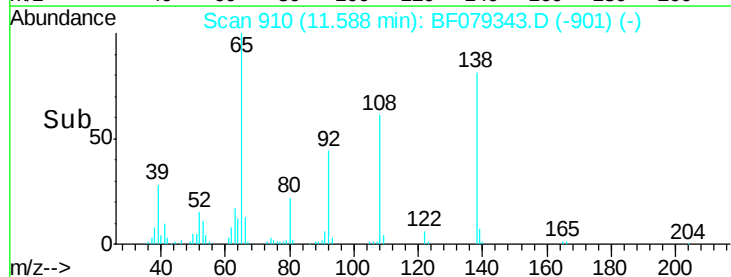
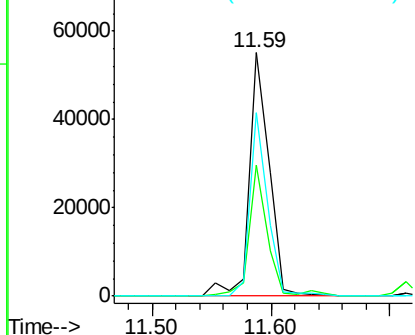


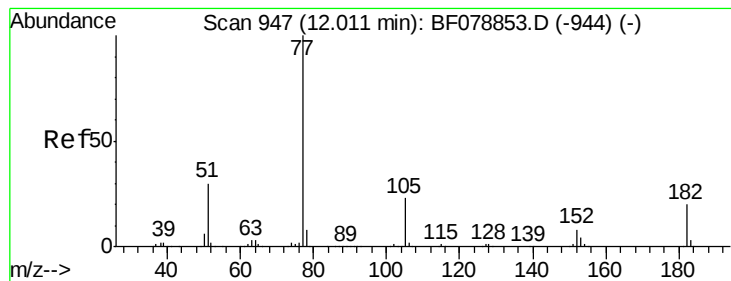
#61
 4-Nitroaniline
 Concen: 44.02 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion: 138 Resp: 64862
 Ion Ratio Lower Upper
 138 100
 92 54.0 33.7 73.7
 108 75.3 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: 43.18 ng

RT: 11.76 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

Tgt Ion: 77 Resp: 251844

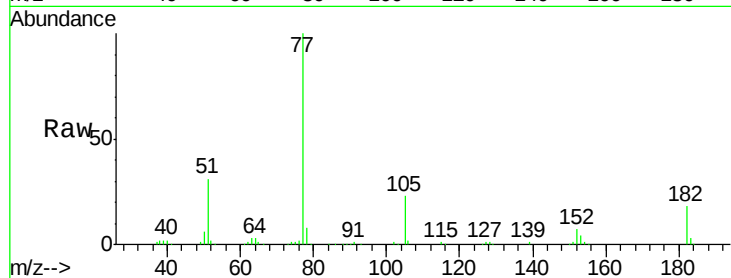
Ion Ratio Lower Upper

77 100

182 17.5 0.0 40.0

105 22.7 2.9 42.9

51 31.0 10.0 50.0

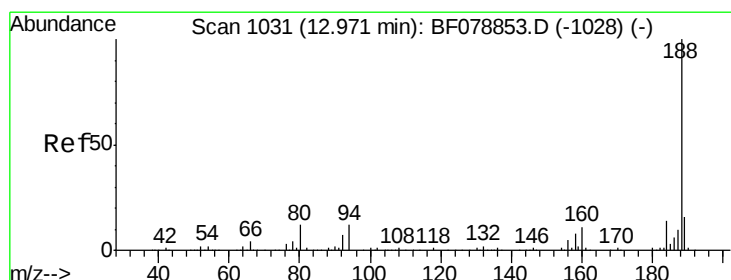
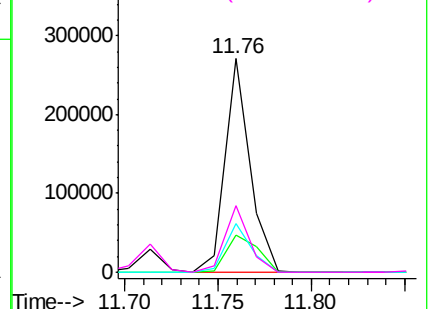
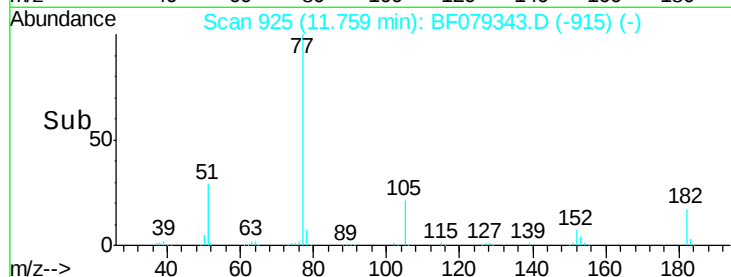


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.72 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

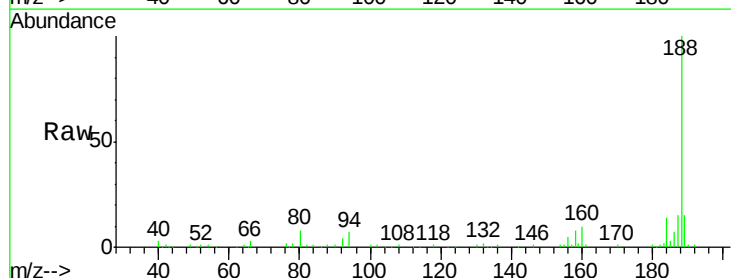
Tgt Ion: 188 Resp: 167123

Ion Ratio Lower Upper

188 100

94 7.2 9.4 14.0#

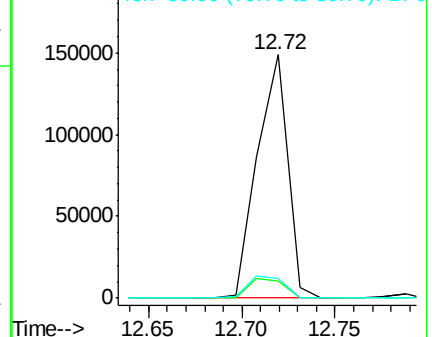
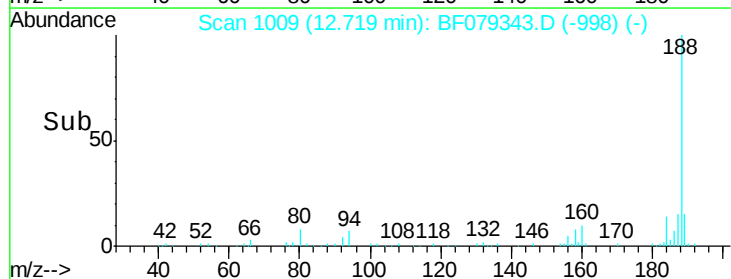
80 7.8 9.8 14.6#

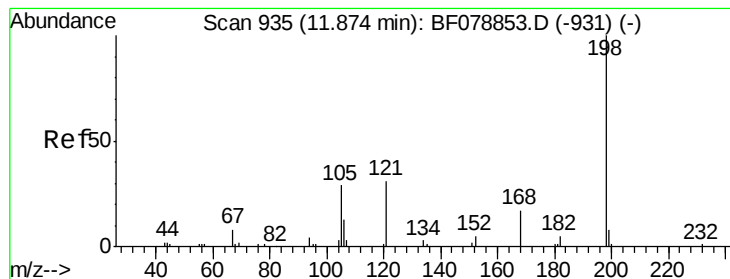


Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.61 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

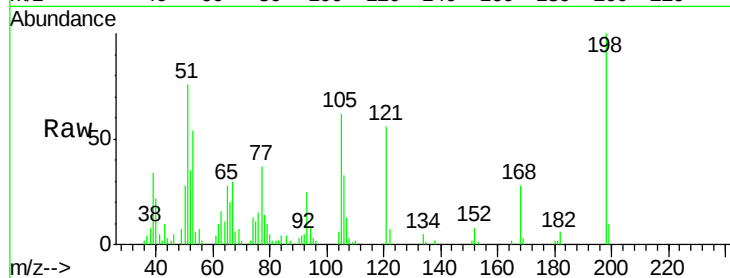
Tgt Ion:198 Resp: 29250

Ion Ratio Lower Upper

198 100

51 75.6 7.0 47.0#

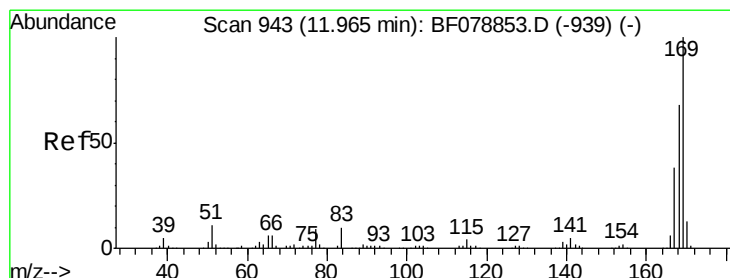
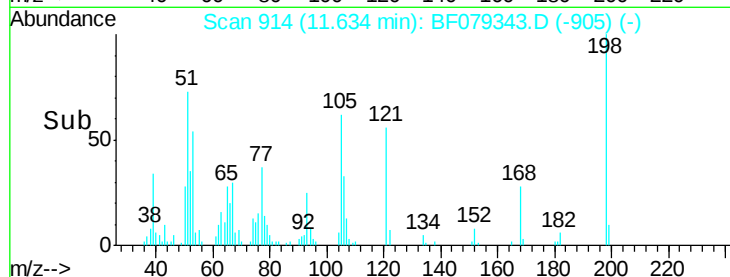
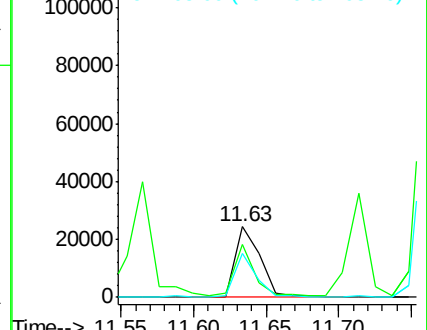
105 62.4 13.7 53.7#



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: 39.63 ng

RT: 11.71 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

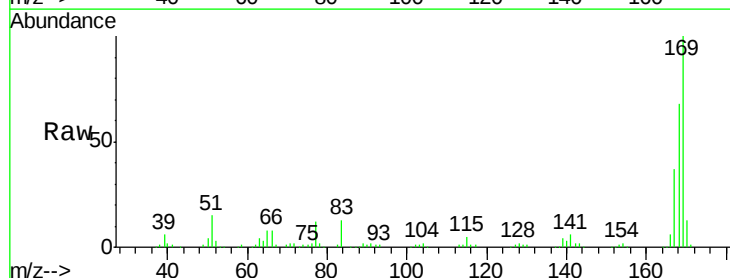
Tgt Ion:169 Resp: 220558

Ion Ratio Lower Upper

169 100

168 67.6 54.1 81.1

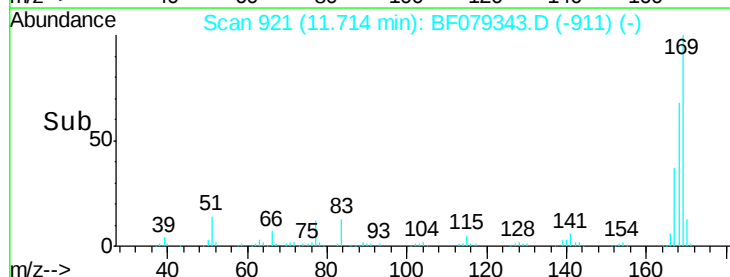
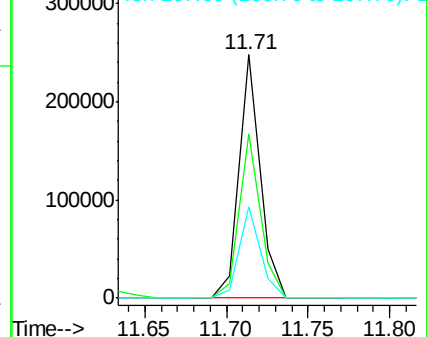
167 37.4 30.1 45.1

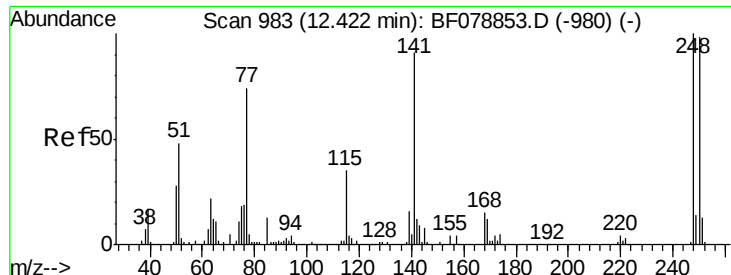


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

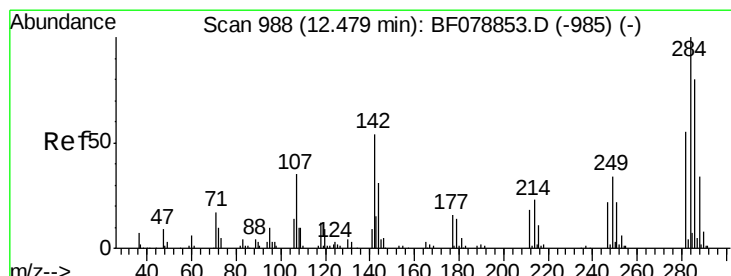
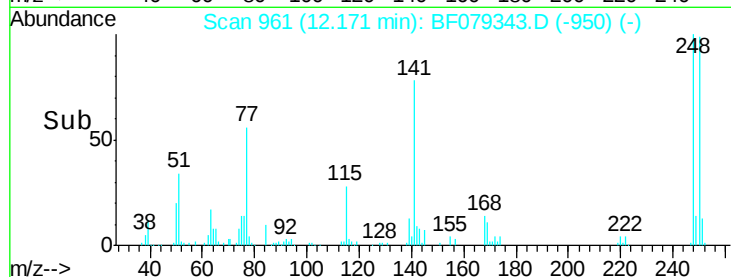
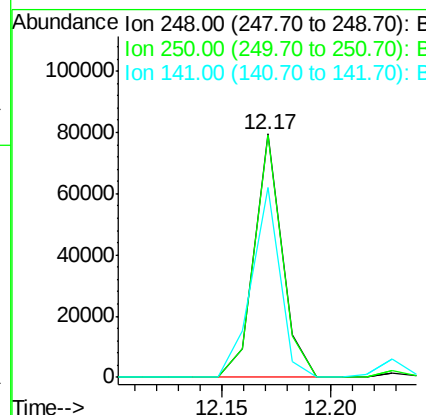
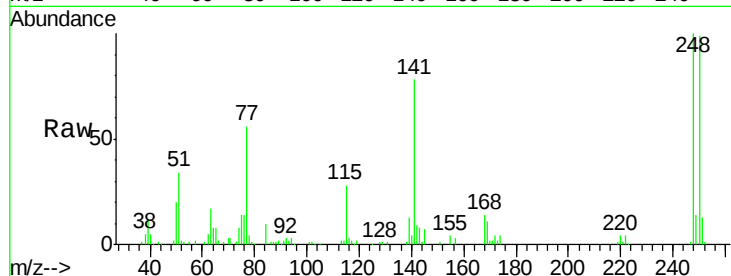




#66
 4-Bromophenyl-phenylether
 Concen: 40.43 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

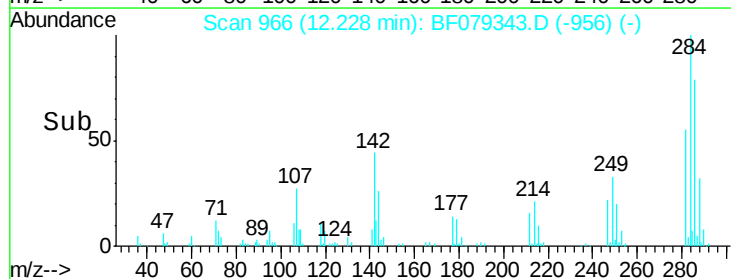
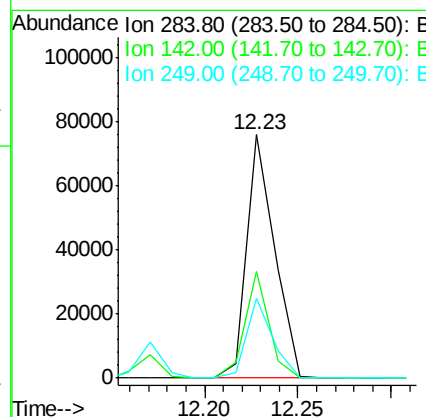
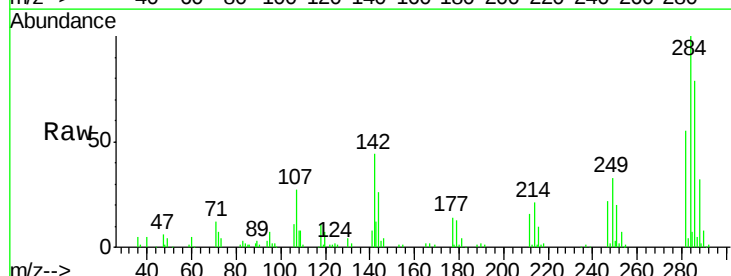
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

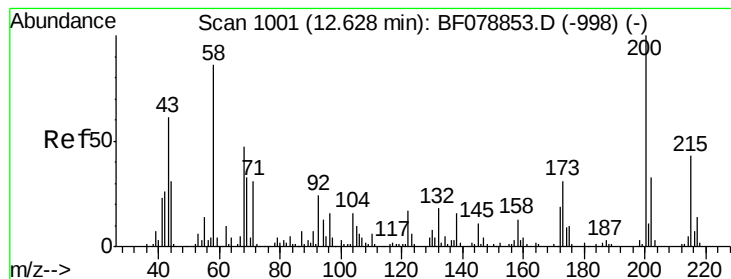
Tgt Ion:248 Resp: 70427
 Ion Ratio Lower Upper
 248 100
 250 99.3 78.0 117.0
 141 77.7 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 39.47 ng
 RT: 12.23 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:284 Resp: 78588
 Ion Ratio Lower Upper
 284 100
 142 44.0 43.2 64.8
 249 32.7 27.5 41.3





#68

Atrazine

Concen: 41.63 ng

RT: 12.39 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

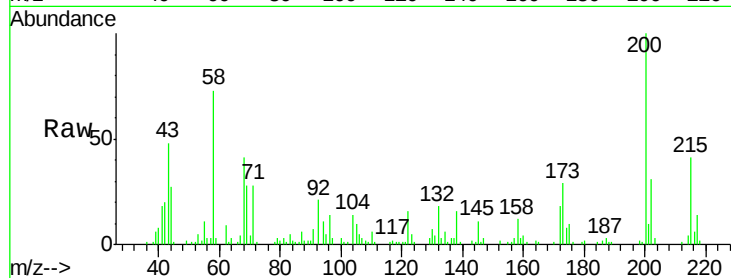
Tgt Ion:200 Resp: 67376

Ion Ratio Lower Upper

200 100

173 29.2 10.9 50.9

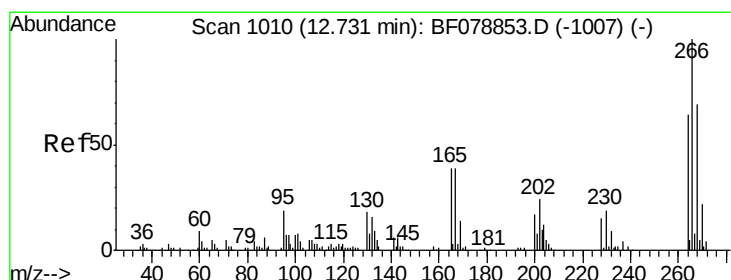
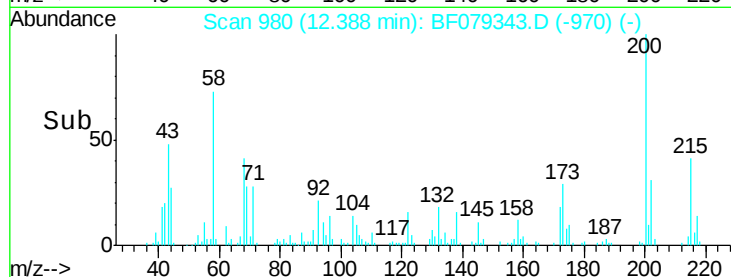
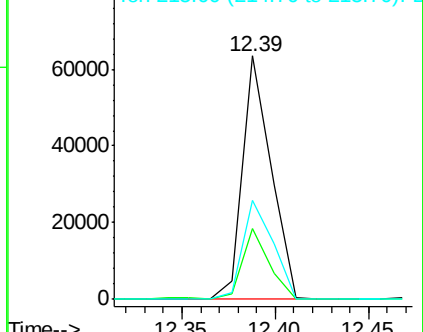
215 40.7 23.2 63.2



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: 69.30 ng

RT: 12.48 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

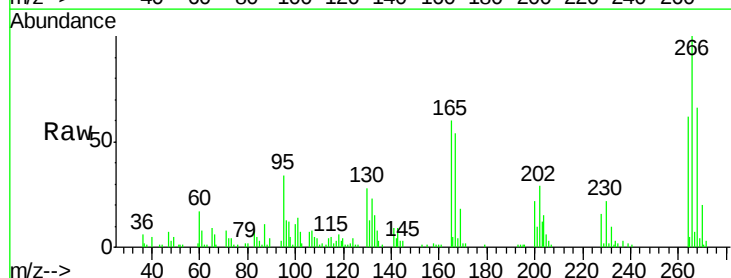
Tgt Ion:266 Resp: 79557

Ion Ratio Lower Upper

266 100

268 66.0 55.0 82.6

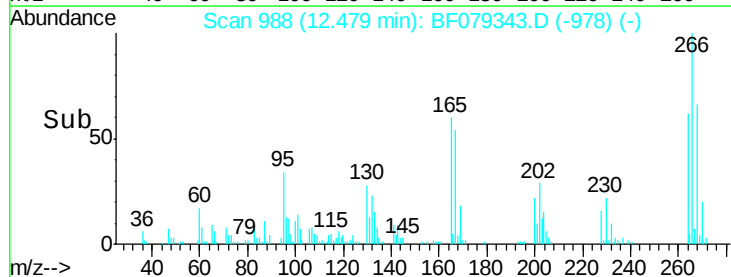
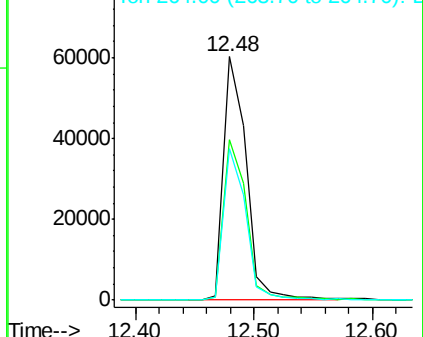
264 62.4 50.9 76.3

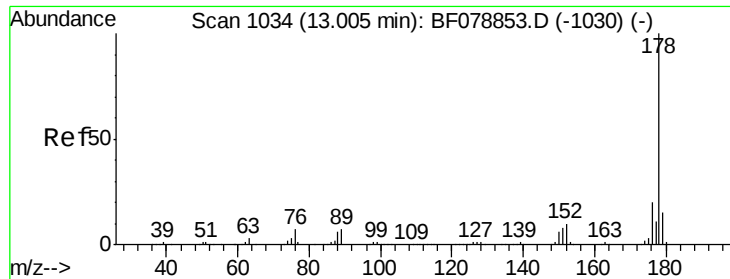


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

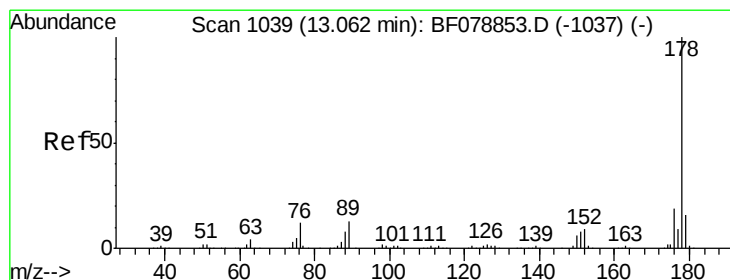
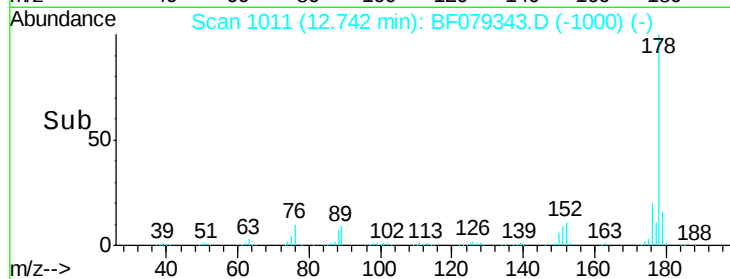
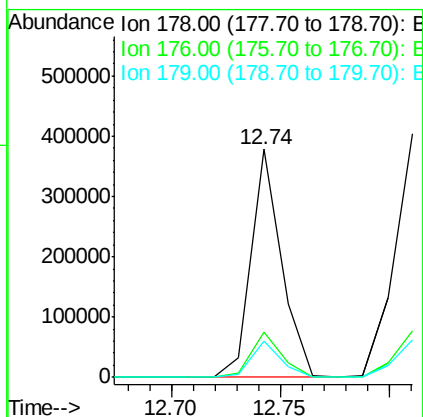
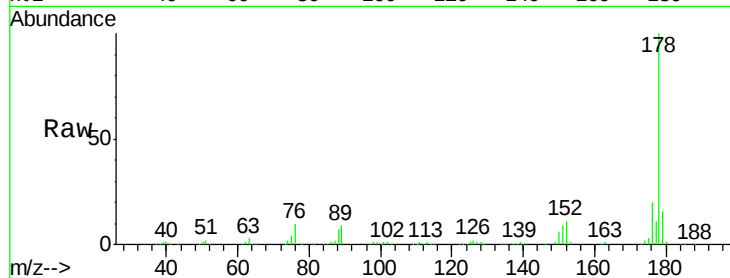




#70
Phenanthrene
Concen: 39.21 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

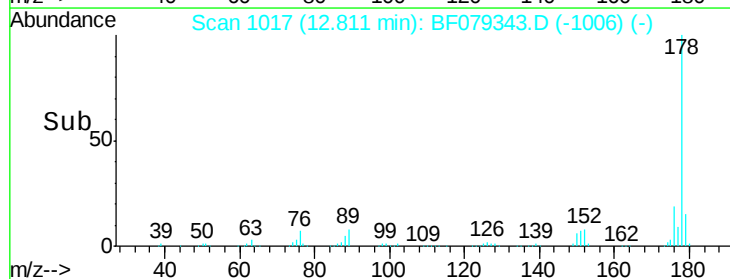
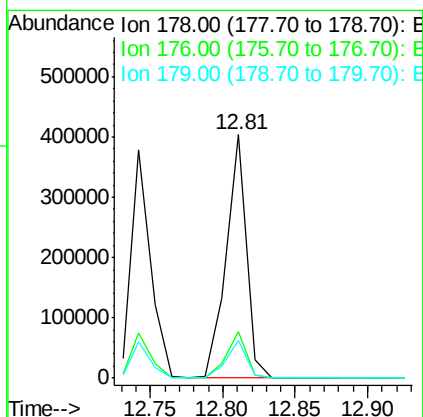
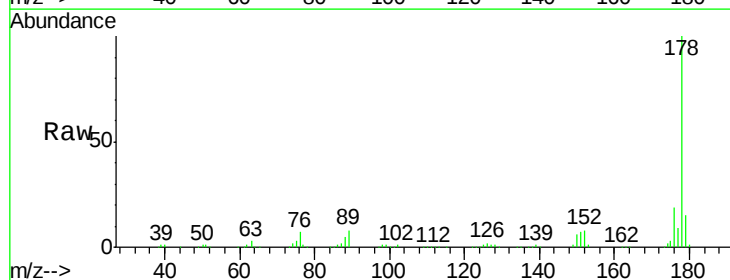
Instrument :
BNA_F
ClientSampleId :
PB83467BS

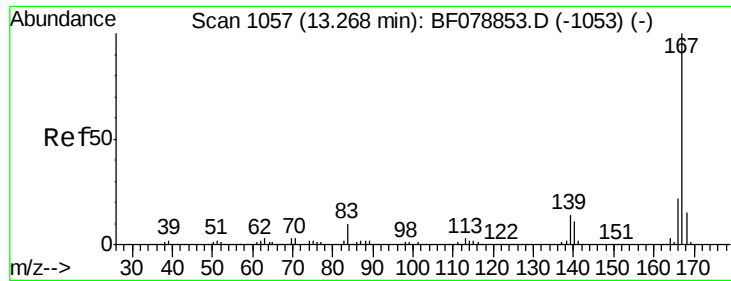
Tgt Ion:178 Resp: 366563
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.2 18.4



#71
Anthracene
Concen: 42.73 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion:178 Resp: 391921
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.6 19.0

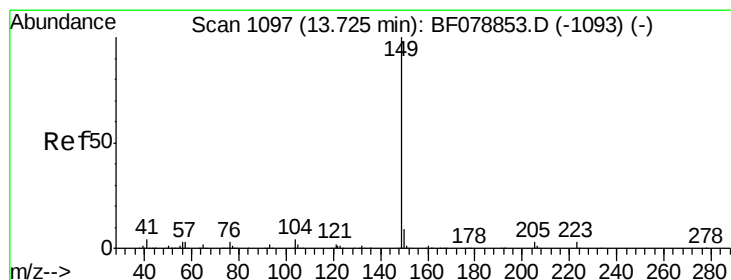
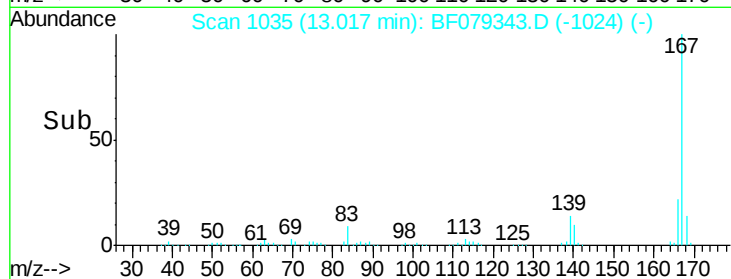
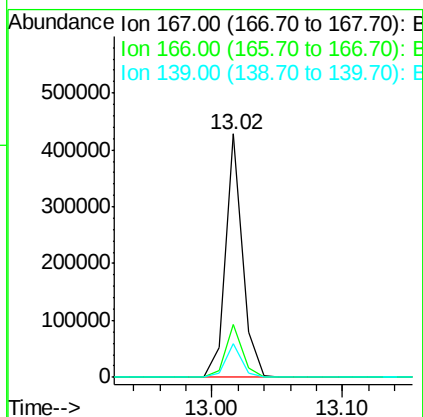
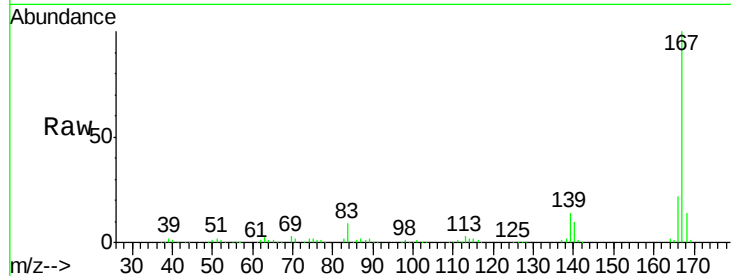




#72
 Carbazole
 Concen: 44.62 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

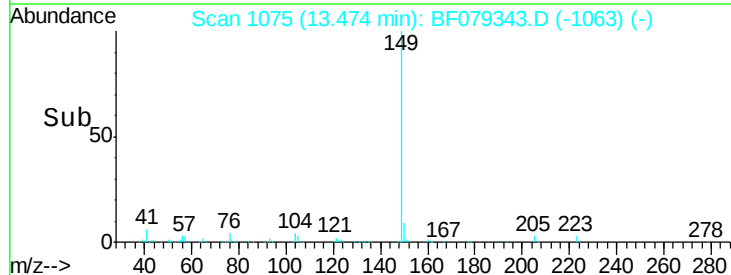
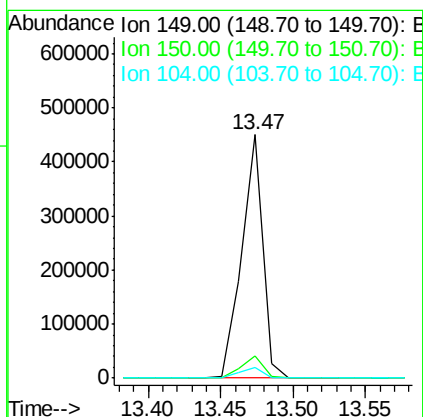
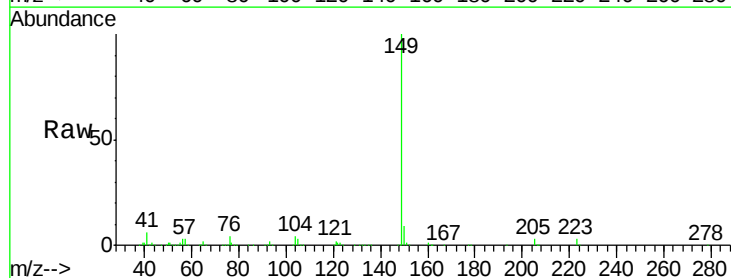
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

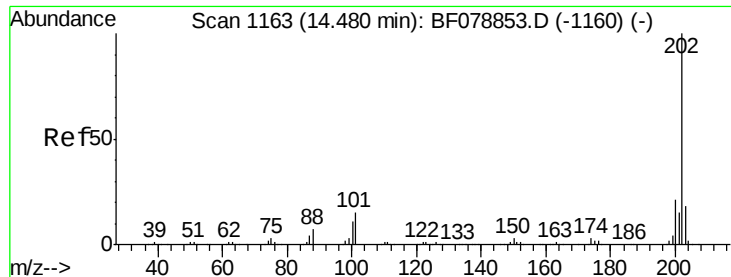
Tgt Ion:167 Resp: 390062
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.7 11.0 16.4



#73
 Di-n-butylphthalate
 Concen: 43.01 ng
 RT: 13.47 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion:149 Resp: 450963
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.0 10.4
 104 4.2 3.3 4.9

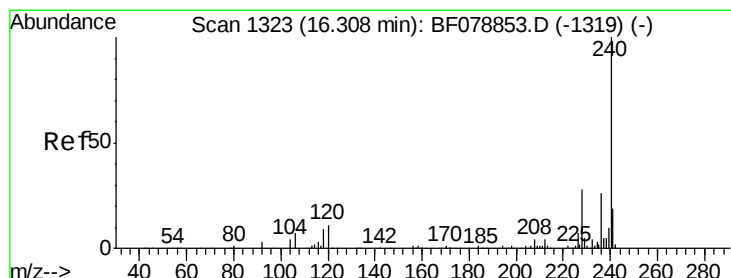
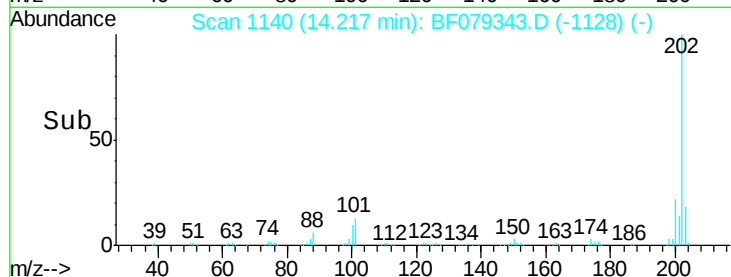
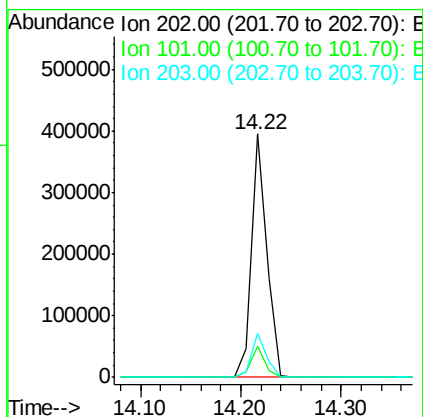
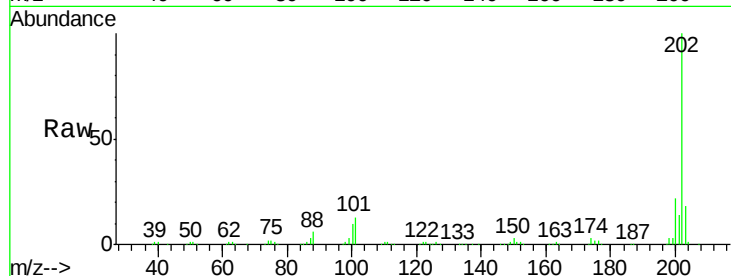




#74
 Fluoranthene
 Concen: 42.88 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

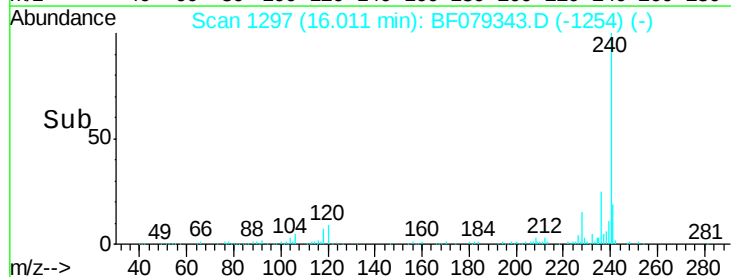
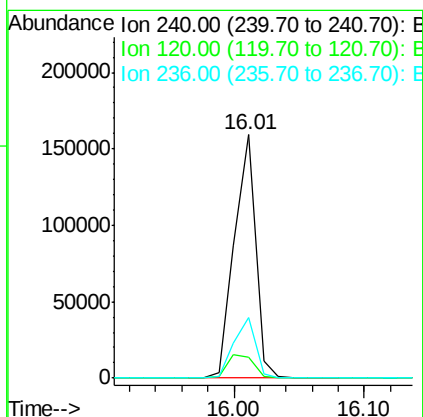
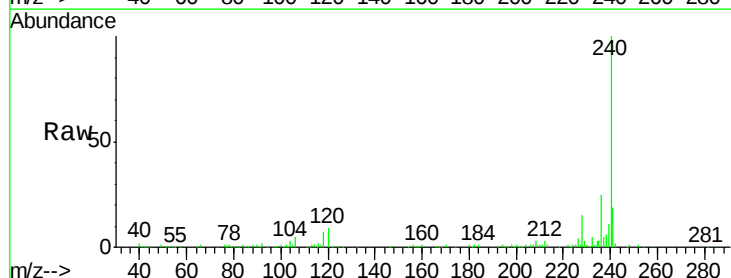
Instrument :
 BNA_F
 ClientSampleId :
 PB83467BS

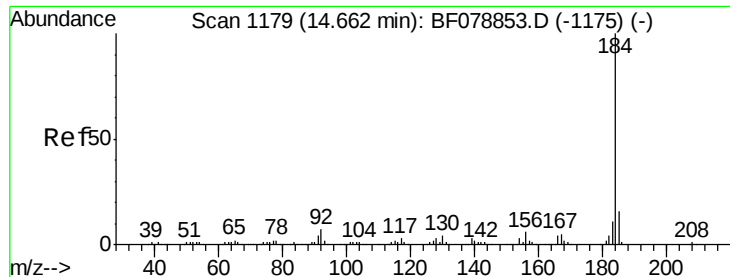
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.7
203	17.9	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF079343.D
 Acq: 19 May 2015 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.6	12.8
236	25.1	21.0	31.6





#76

Benzidine

Concen: 46.41 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

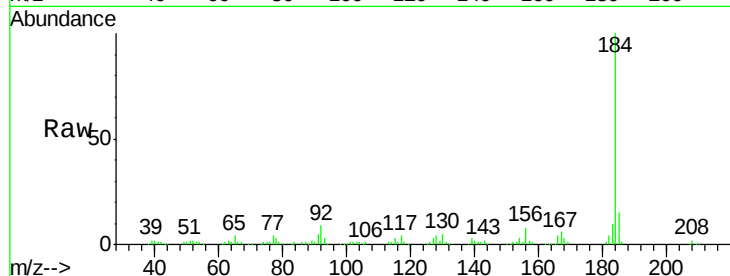
Tgt Ion:184 Resp: 225919

Ion Ratio Lower Upper

184 100

185 14.6 12.8 19.2

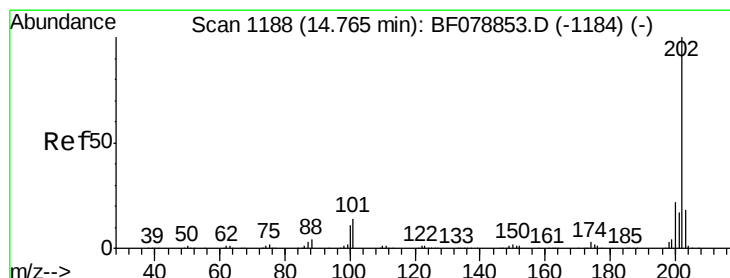
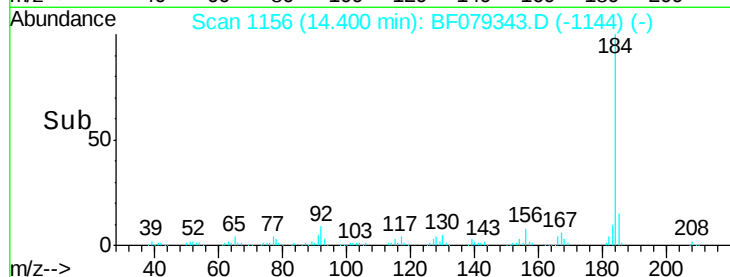
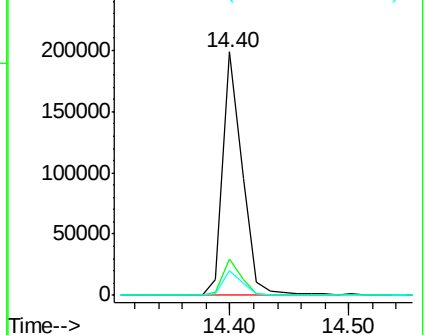
183 10.4 9.0 13.4



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: 40.14 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

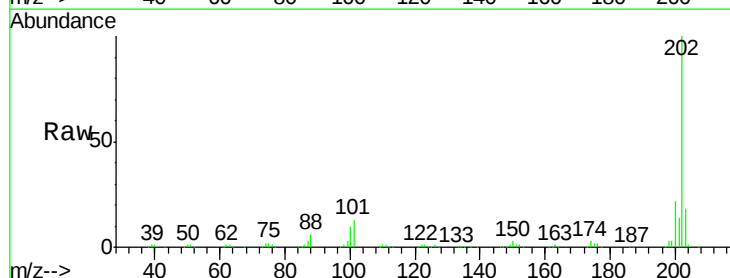
Tgt Ion:202 Resp: 417798

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

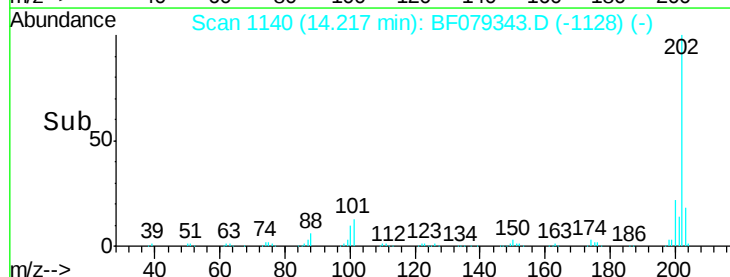
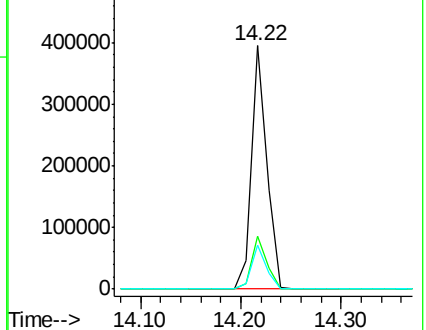
203 17.9 14.7 22.1

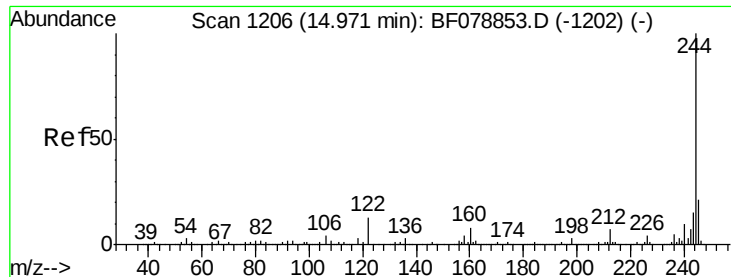


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.46 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

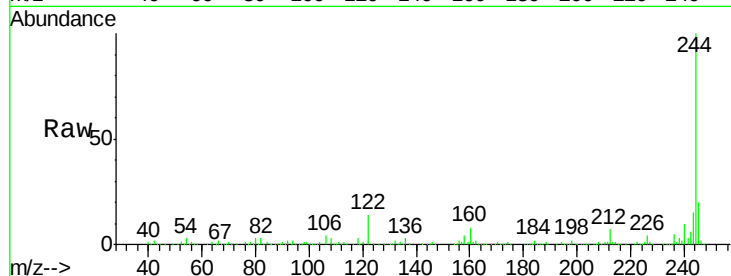
Tgt Ion:244 Resp: 576845

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

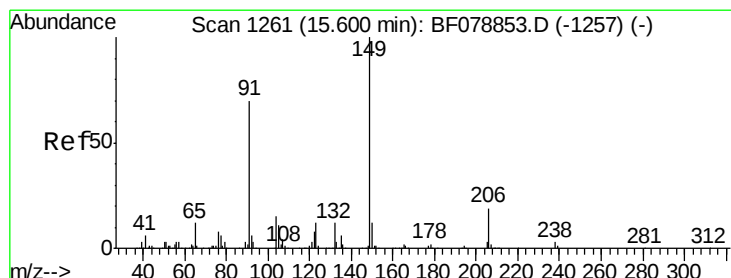
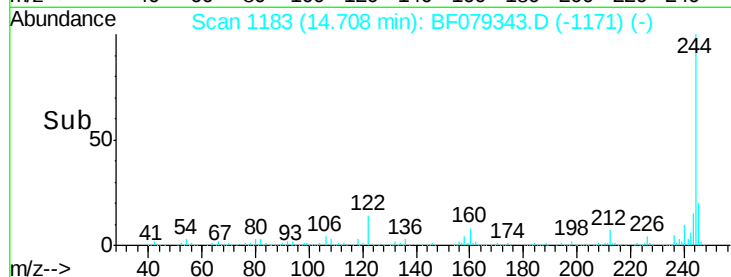
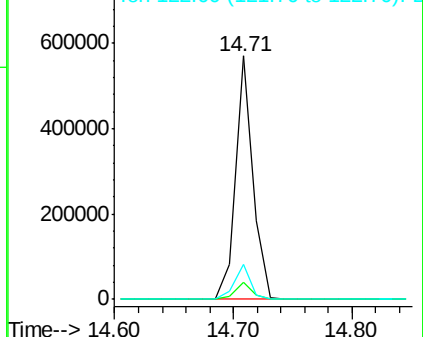
122 14.2 10.5 15.7



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: 44.72 ng

RT: 15.33 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

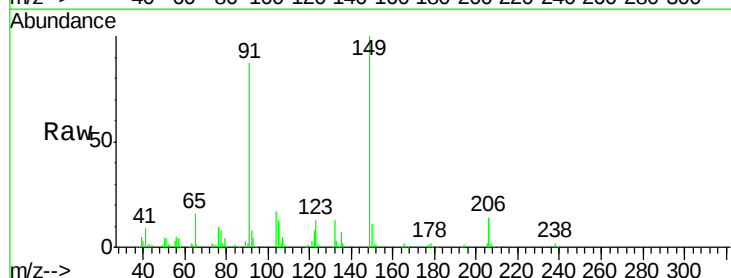
Tgt Ion:149 Resp: 203458

Ion Ratio Lower Upper

149 100

91 86.7 56.2 84.2#

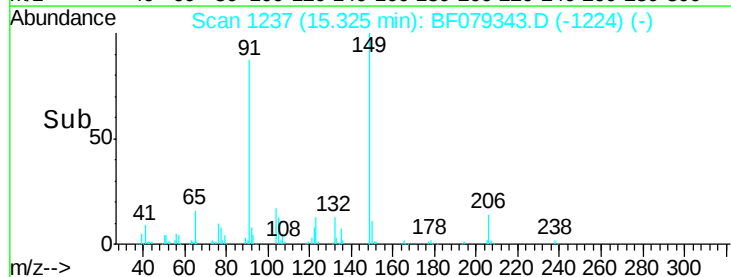
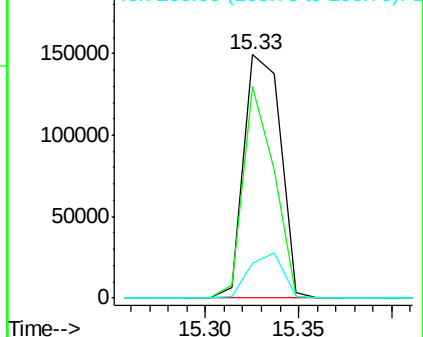
206 14.4 15.2 22.8#

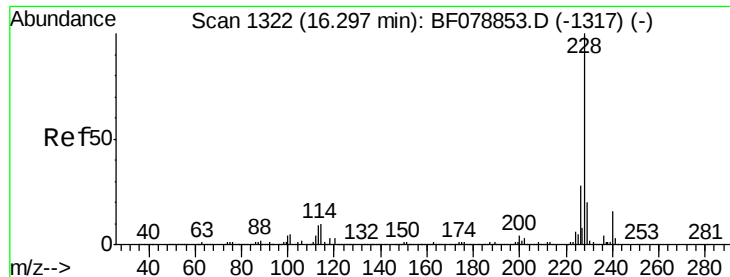


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.07 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

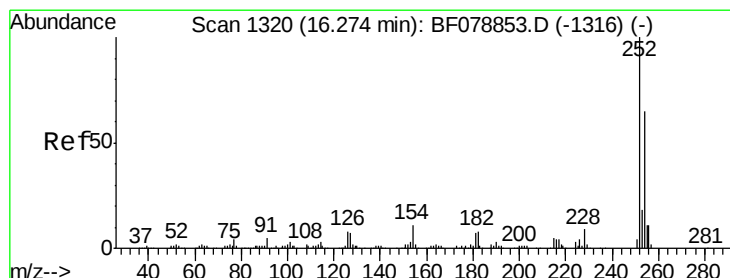
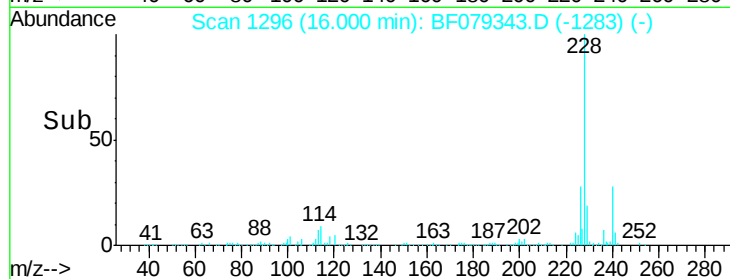
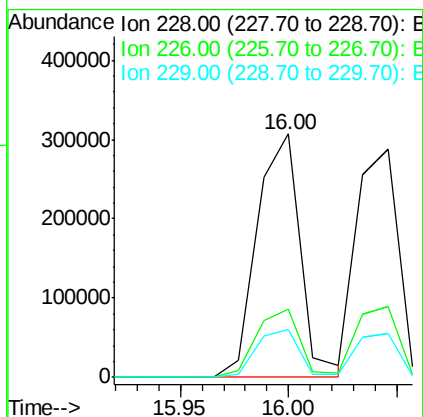
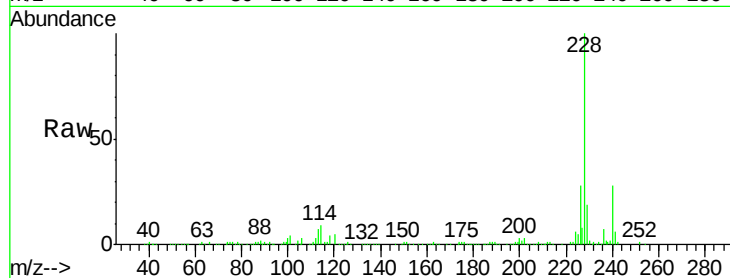
Instrument :

BNA_F

ClientSampleId :

PB83467BS

Tgt Ion:	228	Resp:	426007
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.4	16.1	24.1



#81

3,3'-Dichlorobenzidine

Concen: 38.75 ng

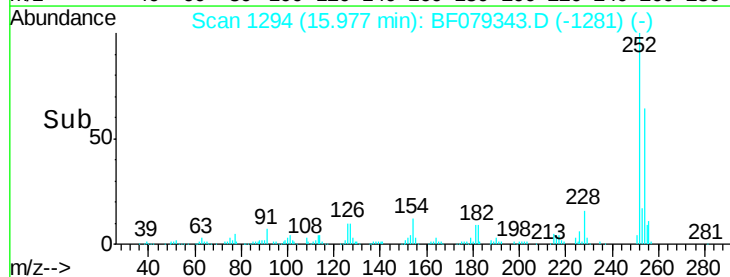
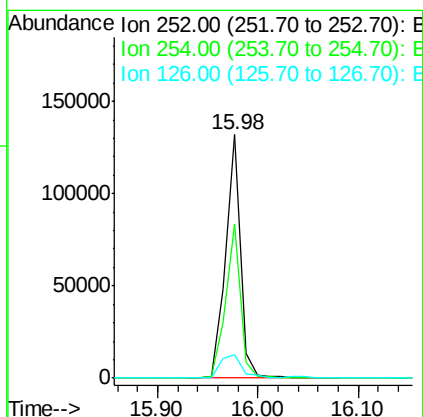
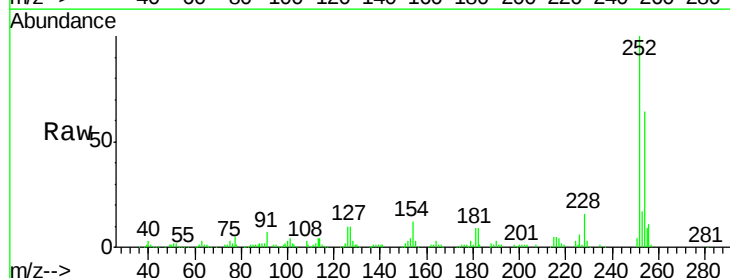
RT: 15.98 min Scan# 1294

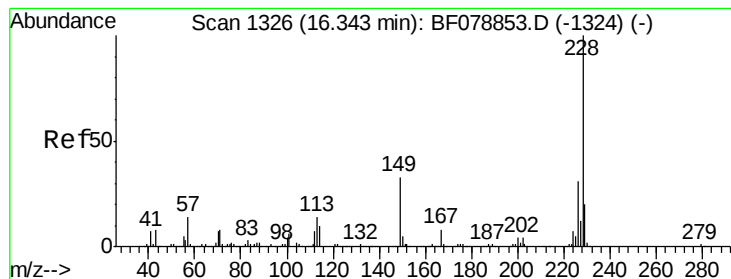
Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Tgt Ion:	252	Resp:	136520
Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.2	78.2
126	9.7	6.6	9.8





#82

Chrysene

Concen: 40.44 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

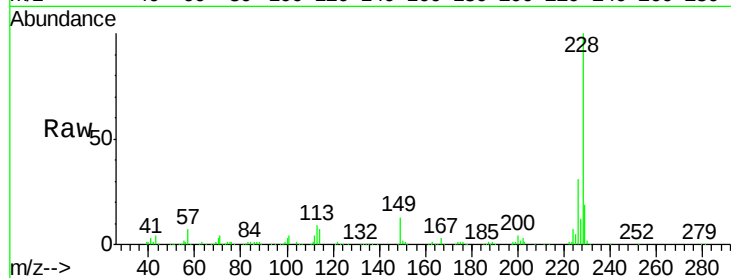
Tgt Ion:228 Resp: 384714

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

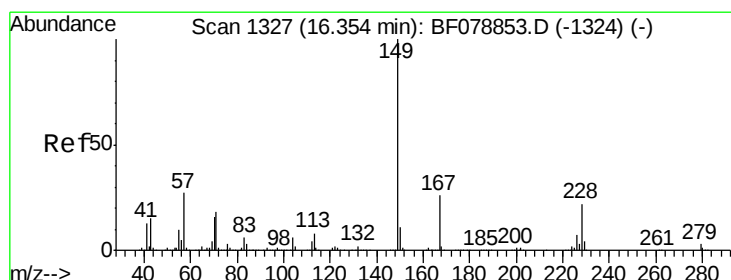
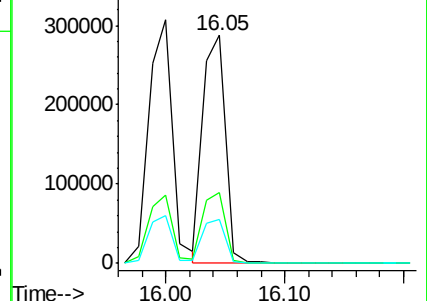
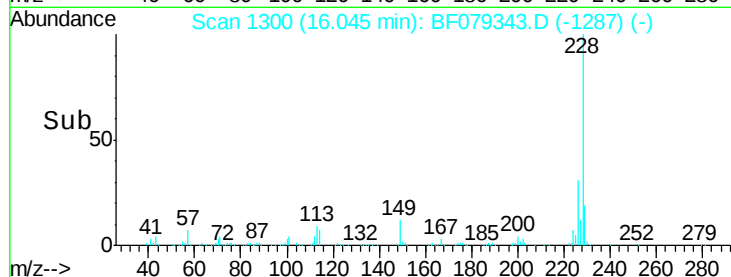
229 19.4 16.1 24.1



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: 43.22 ng

RT: 16.06 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

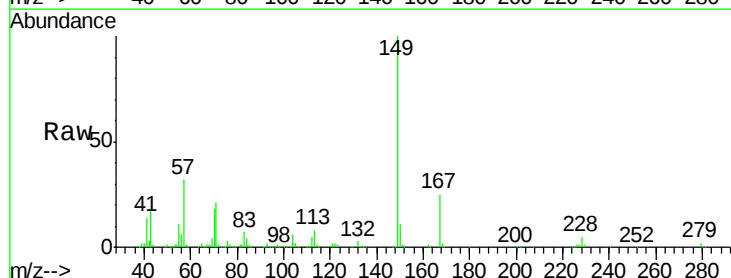
Tgt Ion:149 Resp: 297871

Ion Ratio Lower Upper

149 100

167 25.2 21.2 31.8

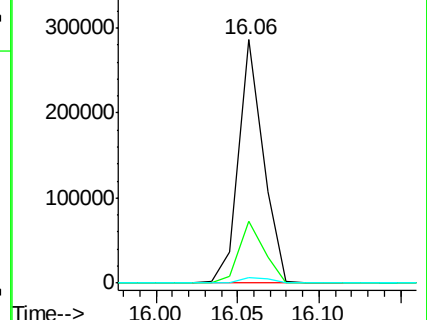
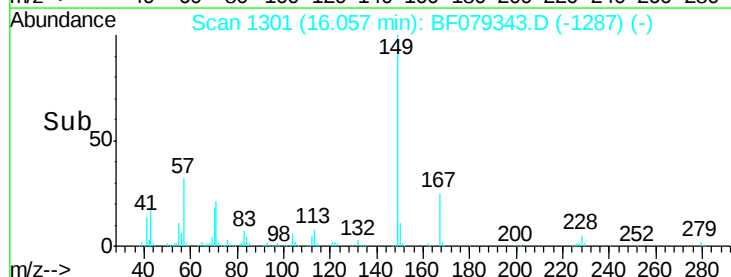
279 2.3 2.6 4.0#

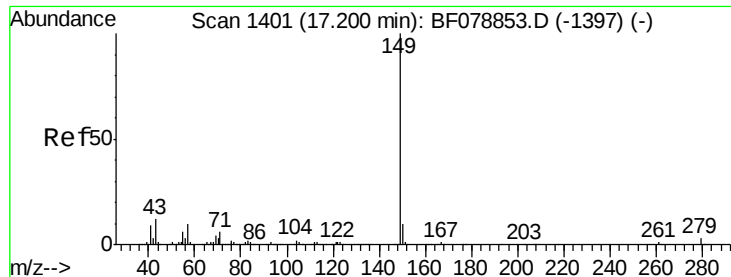


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.92 ng

RT: 16.87 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

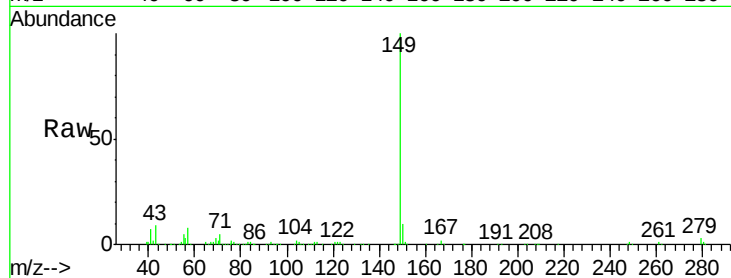
Tgt Ion:149 Resp: 533143

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

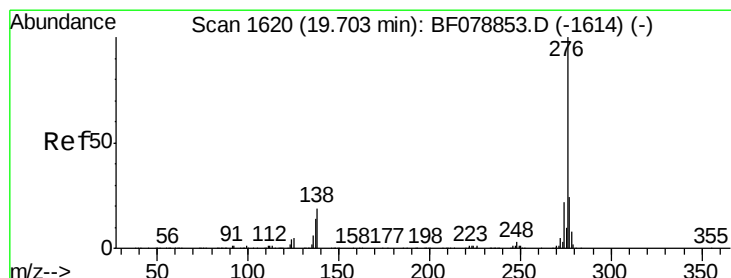
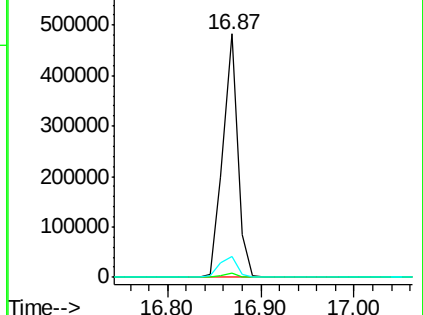
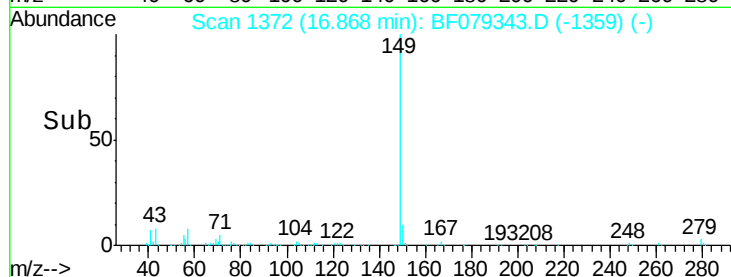
43 9.5 9.0 13.6



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: 42.98 ng

RT: 19.17 min Scan# 1573

Delta R.T. -0.05 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

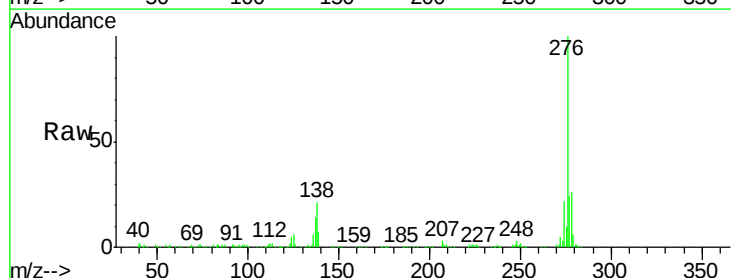
Tgt Ion:276 Resp: 520987

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

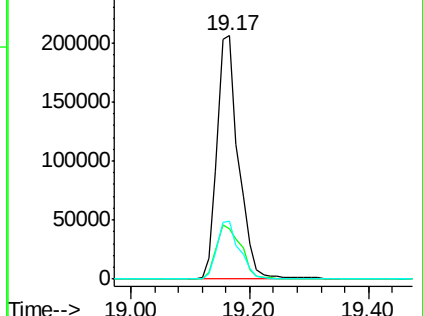
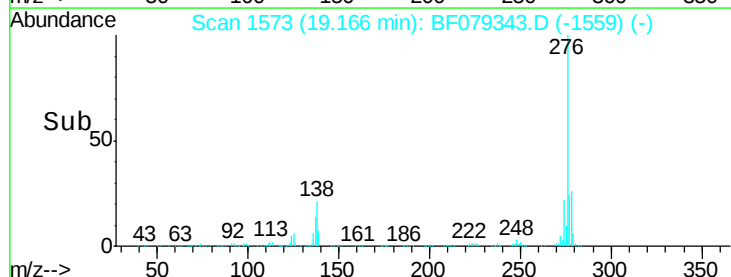
277 25.0 19.9 29.9

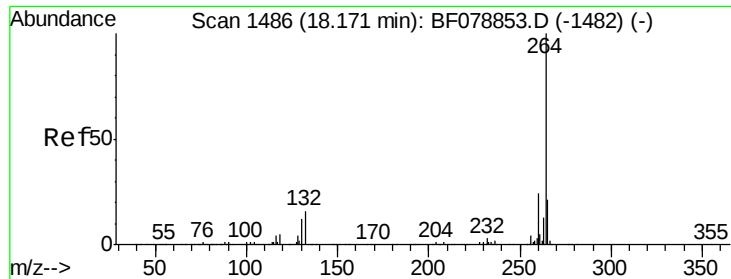


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

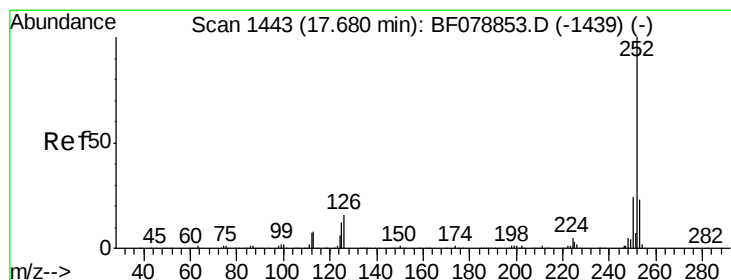
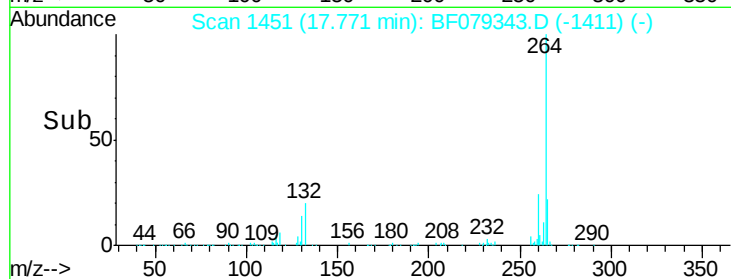
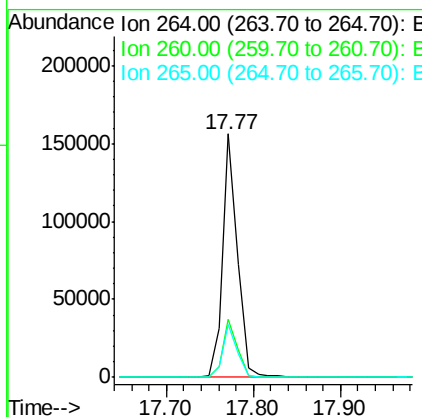
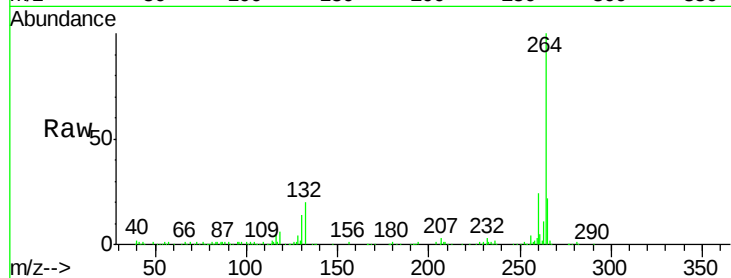




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.05 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

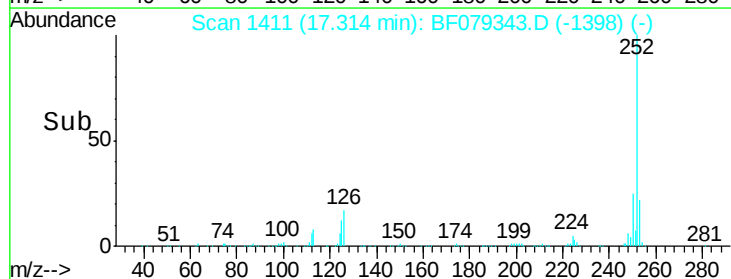
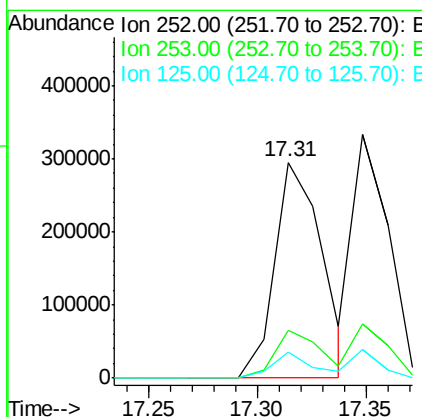
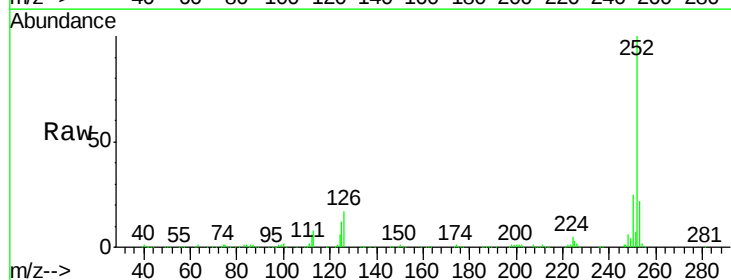
Instrument :
BNA_F
ClientSampleId :
PB83467BS

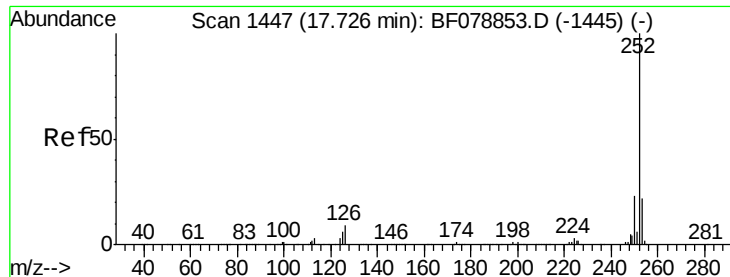
Tgt Ion: 264 Resp: 187105
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 43.84 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.03 min
Lab File: BF079343.D
Acq: 19 May 2015 15:49

Tgt Ion: 252 Resp: 448979
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 11.9 9.4 14.2





#88

Benzo(k)fluoranthene

Concen: 39.28 ng

RT: 17.35 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

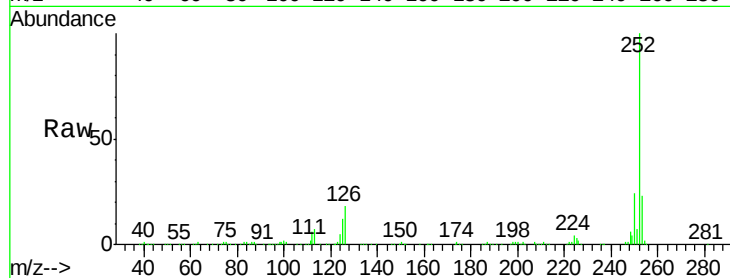
Tgt Ion:252 Resp: 389468

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

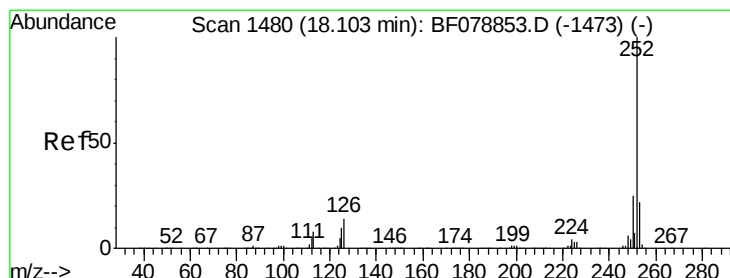
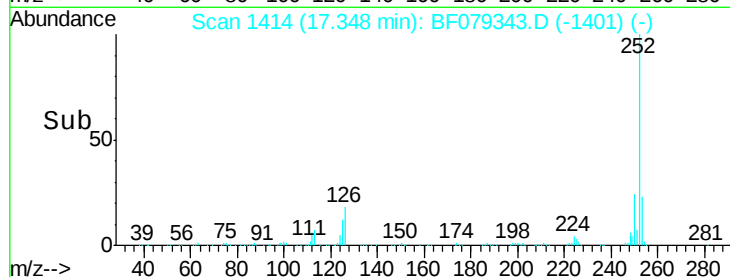
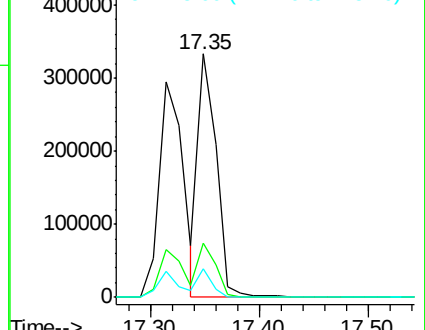
125 11.7 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 44.71 ng

RT: 17.71 min Scan# 1446

Delta R.T. -0.03 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

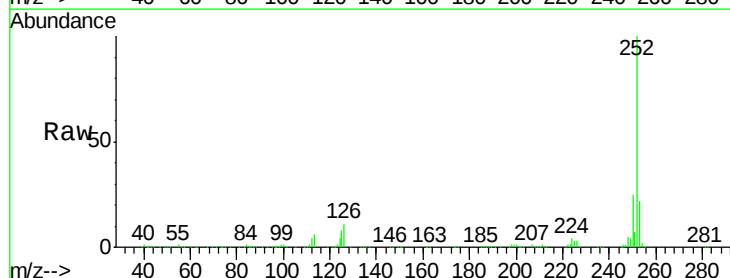
Tgt Ion:252 Resp: 421567

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

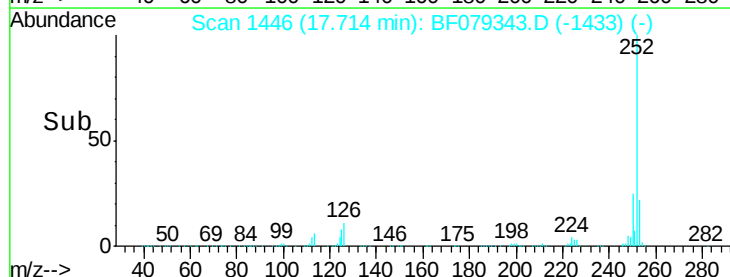
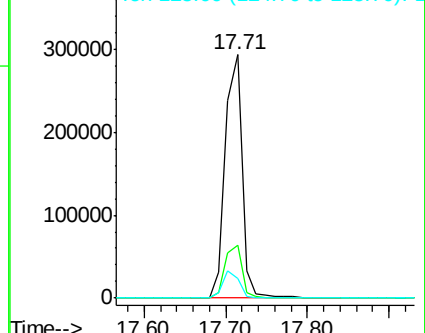
125 8.1 8.2 12.2#

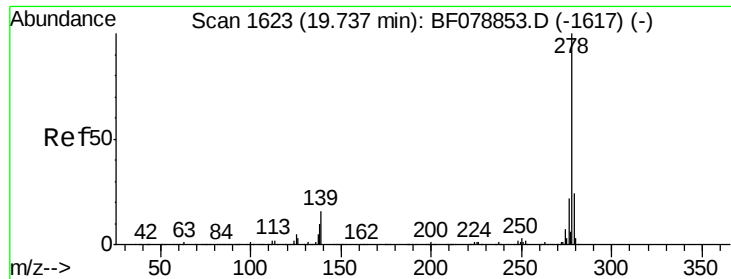


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 43.00 ng

RT: 19.19 min Scan# 1575

Delta R.T. -0.06 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

PB83467BS

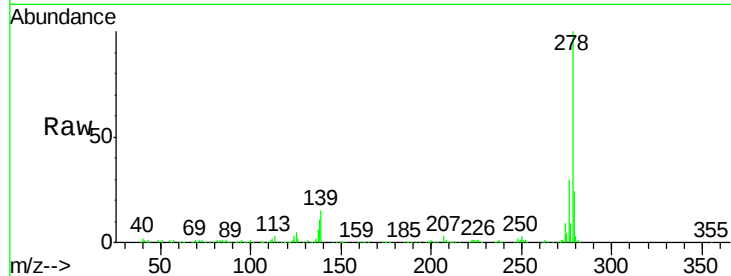
Tgt Ion: 278 Resp: 430997

Ion Ratio Lower Upper

278 100

139 15.2 13.1 19.7

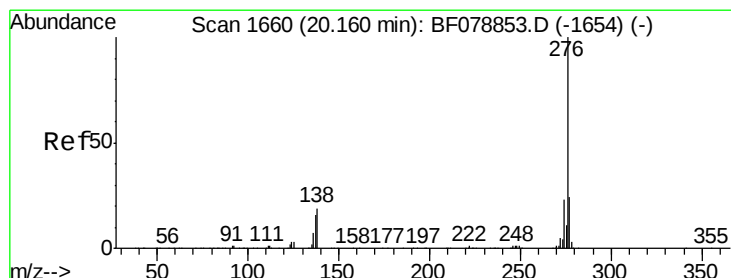
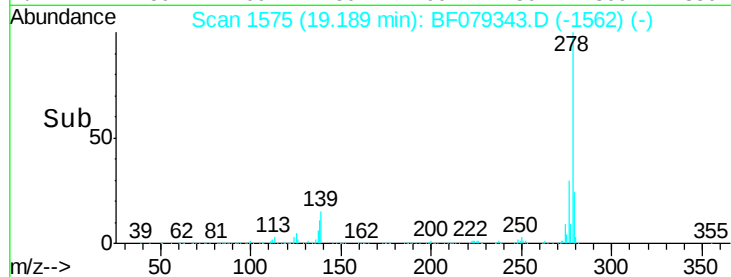
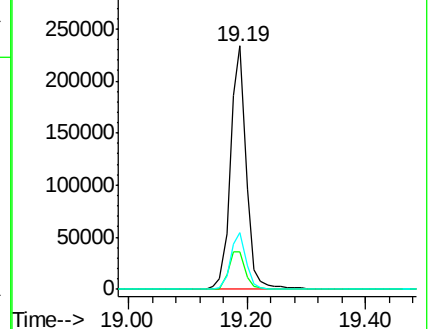
279 23.5 19.1 28.7



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: 43.62 ng

RT: 19.57 min Scan# 1608

Delta R.T. -0.06 min

Lab File: BF079343.D

Acq: 19 May 2015 15:49

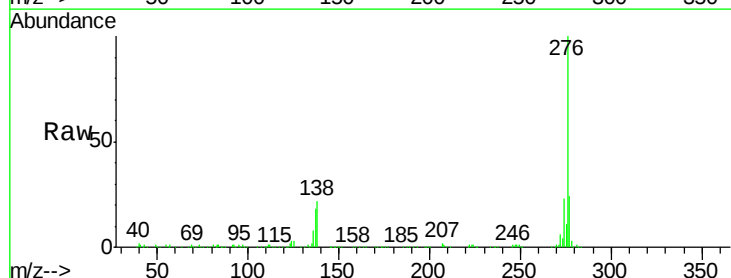
Tgt Ion: 276 Resp: 438186

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.7 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

