

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079227.D
 Acq On : 14 May 2015 8:12
 Operator : TP/IZ
 Sample : G2176-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Quant Time: May 14 09:03:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:50:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	59920	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	249337	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	116229	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	218683	20.00	ng	-0.01
75) Chrysene-d12	16.13	240	224211	20.00	ng	0.00
86) Perylene-d12	17.90	264	241732	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	470096	135.05	ng	0.00
7) Phenol-d6	6.81	99	539562	117.27	ng	0.01
23) Nitrobenzene-d5	7.93	82	343288	79.13	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	168337	133.88	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	707534	84.81	ng	0.00
78) Terphenyl-d14	14.82	244	759065	81.05	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.92	79	112268	25.35	ng	99
4) n-Nitrosodimethylamine	2.82	42	55811	29.41	ng	85
6) Aniline	6.82	93	108071	16.64	ng	# 1
8) 2-Chlorophenol	6.97	128	171736	43.50	ng	91
9) Benzaldehyde	6.68	77	36222	11.69	ng	99
10) Phenol	6.82	94	203190	38.07	ng	90
11) bis(2-Chloroethyl)ether	6.92	93	165431	42.28	ng	96
12) 1,3-Dichlorobenzene	7.15	146	168108	37.88	ng	97
13) 1,4-Dichlorobenzene	7.26	146	173712	38.04	ng	98
14) 1,2-Dichlorobenzene	7.44	146	167503	39.40	ng	99
15) Benzyl Alcohol	7.42	79	134272	39.31	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.60	45	239391	39.99	ng	97
17) 2-Methylphenol	7.56	107	136032	42.82	ng	97
18) Hexachloroethane	7.85	117	53821	34.22	ng	# 81
19) n-Nitroso-di-n-propylamine	7.75	70	119450	38.44	ng	91
20) 3+4-Methylphenols	7.76	107	176887	41.78	ng	# 44
22) Acetophenone	7.75	105	245515	43.58	ng	# 89
24) Nitrobenzene	7.95	77	182456	42.43	ng	# 87
25) Isophorone	8.25	82	330919	41.14	ng	95
26) 2-Nitrophenol	8.34	139	84932	47.72	ng	# 88
27) 2,4-Dimethylphenol	8.41	122	160349	45.02	ng	96
28) bis(2-Chloroethoxy)methane	8.52	93	201903	40.72	ng	98
29) 2,4-Dichlorophenol	8.64	162	146836	46.36	ng	93
30) 1,2,4-Trichlorobenzene	8.74	180	144283	41.47	ng	94
31) Naphthalene	8.83	128	478708	40.29	ng	99
32) Benzoic acid	8.52	122	101001	45.63	ng	93
33) 4-Chloroaniline	8.91	127	68844	13.69	ng	97
34) Hexachlorobutadiene	8.99	225	77831	38.85	ng	97
35) Caprolactam	9.35	113	40182	39.23	ng	# 76
36) 4-Chloro-3-methylphenol	9.52	107	147447	44.32	ng	99
37) 2-Methylnaphthalene	9.70	142	351257	42.66	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	138891	42.43	ng	# 100
40) Hexachlorocyclopentadiene	9.88	237	33594	20.41	ng	99
42) 2,4,6-Trichlorophenol	10.04	196	99542	44.23	ng	92

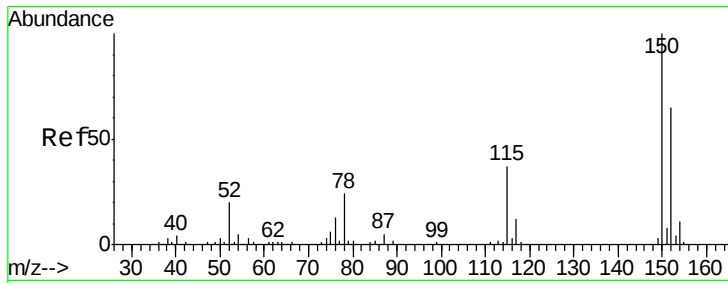
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079227.D
 Acq On : 14 May 2015 8:12
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 06:50:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.10	196	107628	47.30	ng	# 86
45) 1,1'-Biphenyl	10.27	154	400829	43.38	ng	99
46) 2-Chloronaphthalene	10.30	162	307248	42.63	ng	100
47) 2-Nitroaniline	10.43	65	98077	46.97	ng	# 73
48) Acenaphthylene	10.81	152	526956	44.53	ng	100
49) Dimethylphthalate	10.66	163	380729	44.63	ng	98
50) 2,6-Dinitrotoluene	10.74	165	83530	49.62	ng	# 72
51) Acenaphthene	11.03	154	302937	42.93	ng	98
52) 3-Nitroaniline	10.94	138	58060	27.61	ng	82
53) 2,4-Dinitrophenol	11.08	184	25275	48.67	ng	# 71
54) Dibenzofuran	11.24	168	463145	45.44	ng	95
55) 4-Nitrophenol	11.16	139	147030	88.34	ng	91
56) 2,4-Dinitrotoluene	11.23	165	104273	46.85	ng	91
57) Fluorene	11.67	166	376052	44.95	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	86677	46.62	ng	# 100
59) Diethylphthalate	11.54	149	365648	43.27	ng	98
60) 4-Chlorophenyl-phenylether	11.68	204	163607	44.08	ng	# 88
61) 4-Nitroaniline	11.70	138	86437	41.09	ng	# 78
62) Azobenzene	11.87	77	360842	43.33	ng	89
64) 4,6-Dinitro-2-methylphenol	11.74	198	24094	30.98	ng	96
65) n-Nitrosodiphenylamine	11.83	169	318350	43.71	ng	100
66) 4-Bromophenyl-phenylether	12.29	248	104204	45.72	ng	# 87
67) Hexachlorobenzene	12.34	284	115273	44.25	ng	# 86
68) Atrazine	12.50	200	99768	47.11	ng	94
69) Pentachlorophenol	12.59	266	124064	81.27	ng	97
70) Phenanthrene	12.86	178	525865	42.98	ng	99
71) Anthracene	12.93	178	545940	45.49	ng	99
72) Carbazole	13.13	167	543414	47.50	ng	98
73) Di-n-butylphthalate	13.58	149	644806	47.00	ng	# 98
74) Fluoranthene	14.33	202	581935	45.65	ng	99
76) Benzidine	14.51	184	156373	25.88	ng	96
77) Pyrene	14.62	202	618297	47.86	ng	100
79) Butylbenzylphthalate	15.44	149	278102	49.24	ng	92
80) Benzo(a)anthracene	16.11	228	565815	46.08	ng	99
81) 3,3'-Dichlorobenzidine	16.09	252	184769	42.25	ng	# 97
82) Chrysene	16.16	228	518689	43.92	ng	100
83) Bis(2-ethylhexyl)phthalate	16.17	149	411451	48.10	ng	99
84) Di-n-octyl phthalate	16.98	149	734228	48.73	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.34	276	672029	44.66	ng	# 100
87) Benzo(b)fluoranthene	17.44	252	690139	52.16	ng	99
88) Benzo(k)fluoranthene	17.44	252	690105	53.88	ng	98
89) Benzo(a)pyrene	17.83	252	568867	46.69	ng	# 95
90) Dibenzo(a,h)anthracene	19.36	278	565053	43.64	ng	97
91) Benzo(g,h,i)perylene	19.76	276	535011	41.23	ng	96

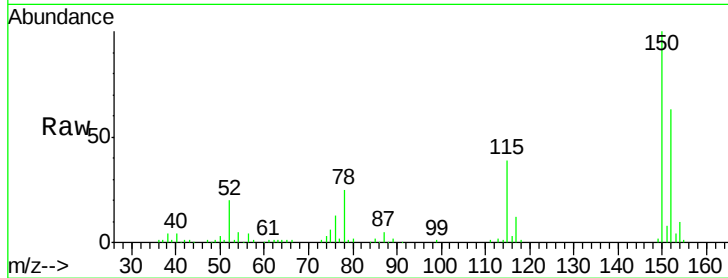
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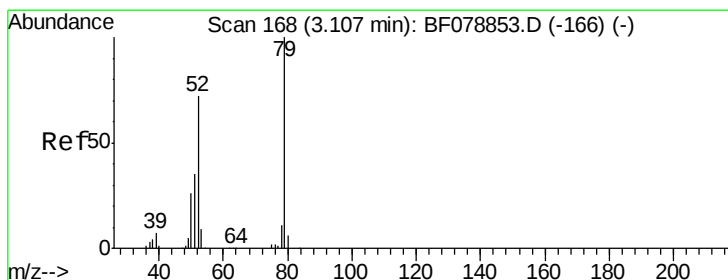
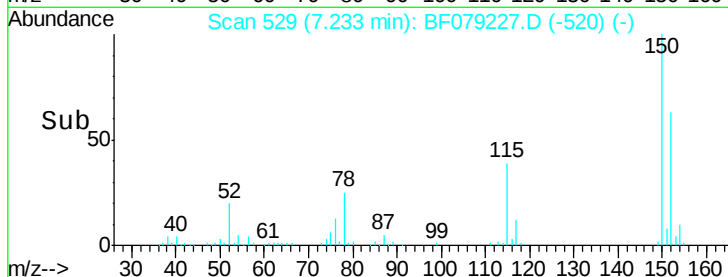
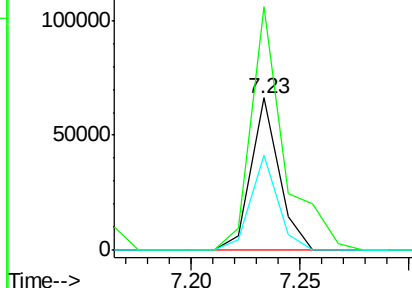
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion:	152	Resp:	59920
Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.0	183.0
115	62.8	46.3	69.5

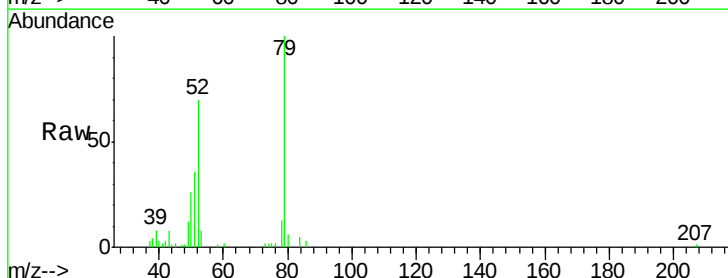


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

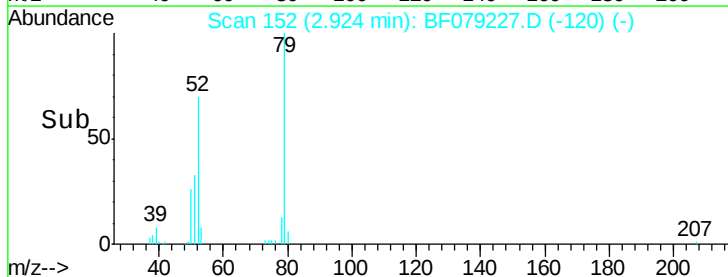
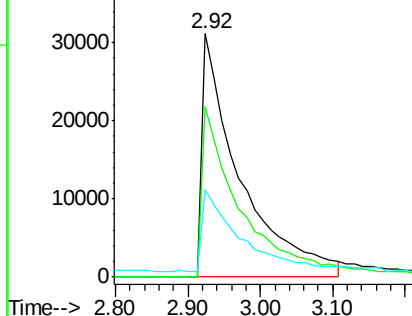


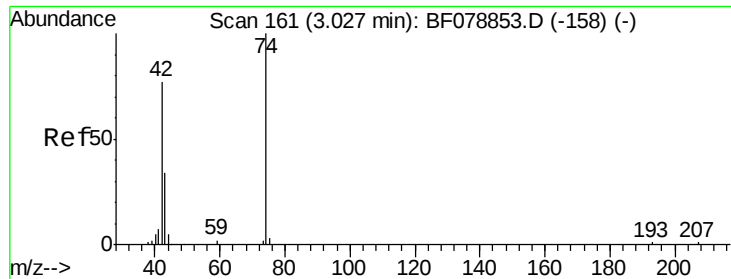
#3
 Pyridine
 Concen: 25.35 ng
 RT: 2.92 min Scan# 152
 Delta R.T. 0.07 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:	79	Resp:	112268
Ion	Ratio	Lower	Upper
79	100		
52	70.2	57.2	85.8
51	36.1	28.9	43.3



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





#4

n-Nitrosodimethylamine

Concen: 29.41 ng

RT: 2.82 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

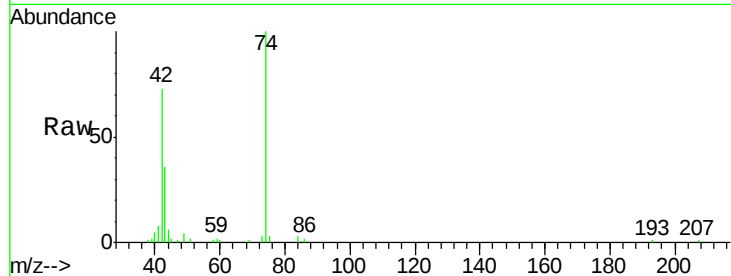
Tgt Ion: 42 Resp: 55811

Ion Ratio Lower Upper

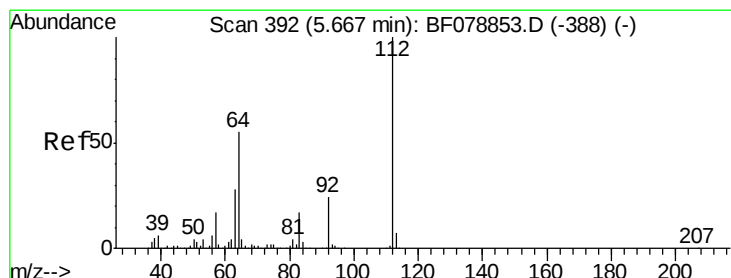
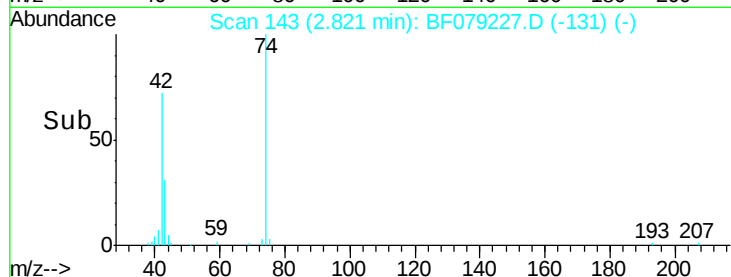
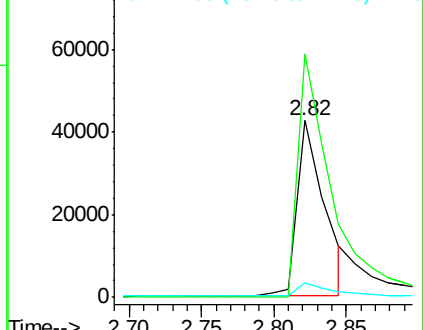
42 100

74 137.7 96.5 144.7

44 8.4 6.1 9.1



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



#5

2-Fluorophenol

Concen: 135.05 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

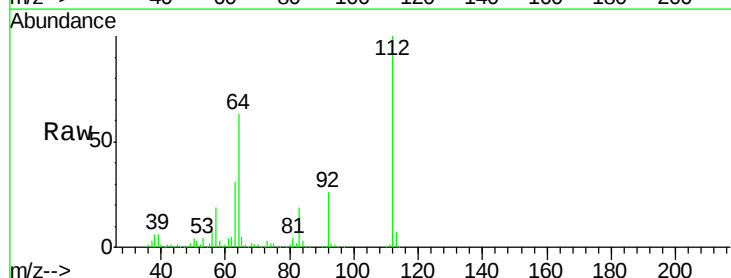
Tgt Ion: 112 Resp: 470096

Ion Ratio Lower Upper

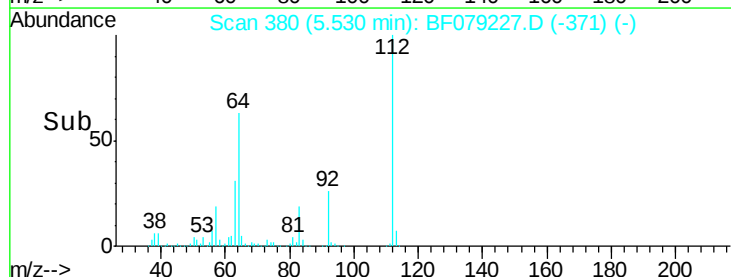
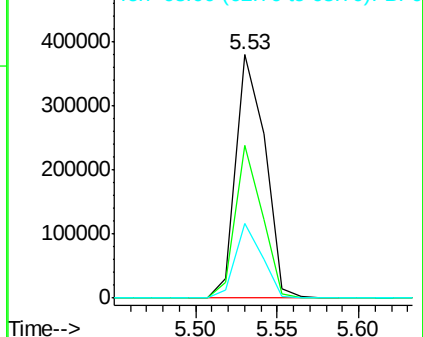
112 100

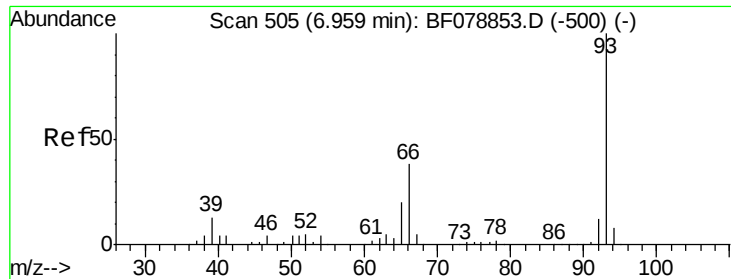
64 62.6 53.5 80.3

63 30.8 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 16.64 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

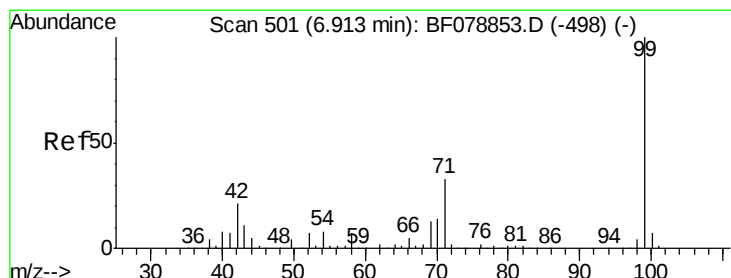
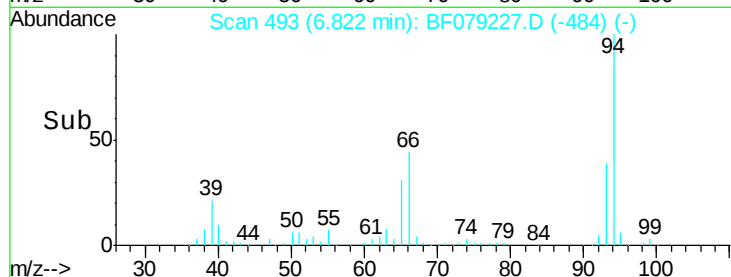
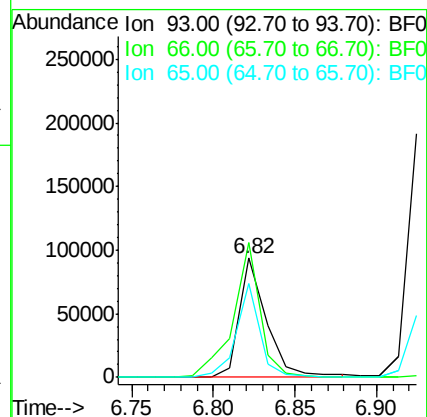
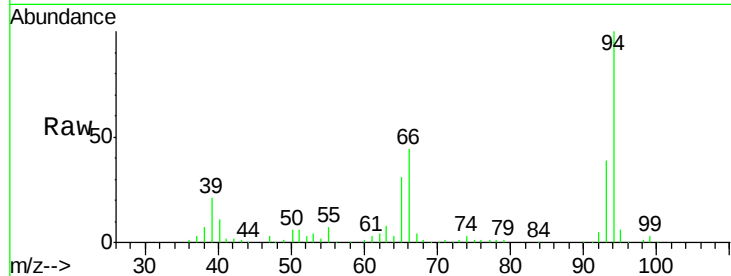
Tgt Ion: 93 Resp: 108071

Ion Ratio Lower Upper

93 100

66 112.8 29.7 44.5#

65 79.3 14.6 22.0#



#7

Phenol-d6

Concen: 117.27 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

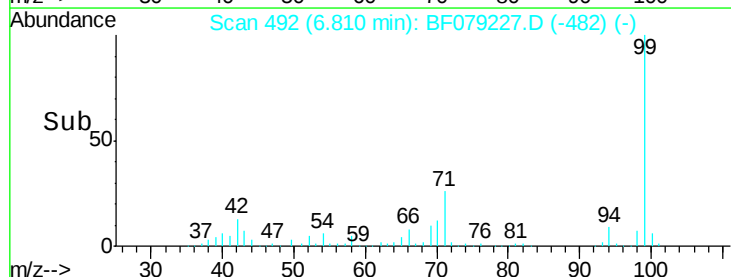
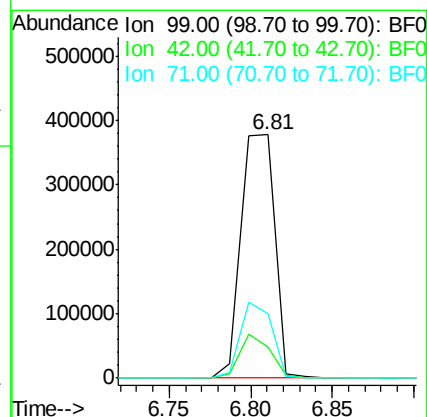
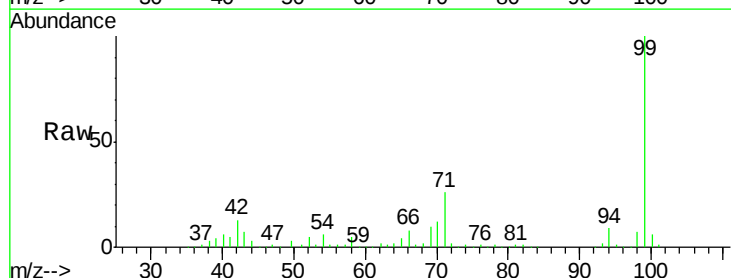
Tgt Ion: 99 Resp: 539562

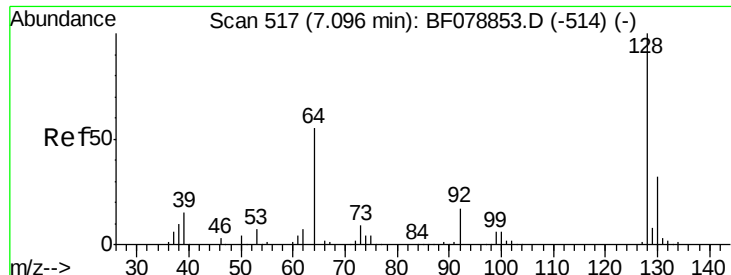
Ion Ratio Lower Upper

99 100

42 12.7 12.8 19.2#

71 26.4 23.4 35.2

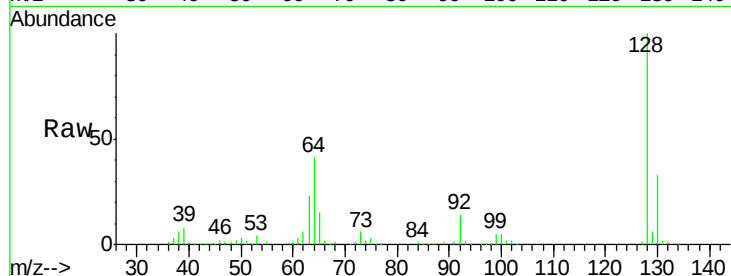




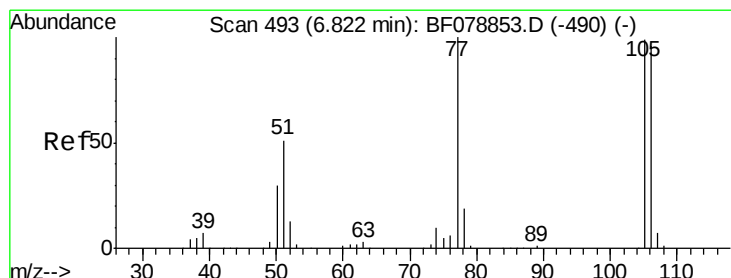
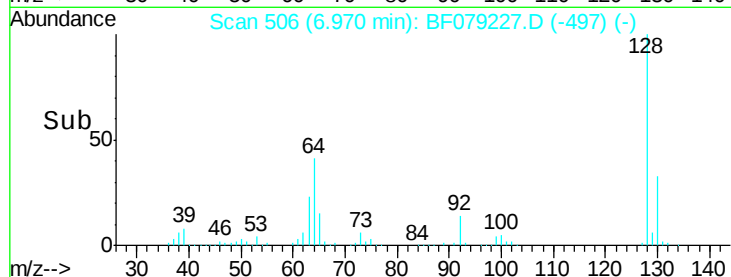
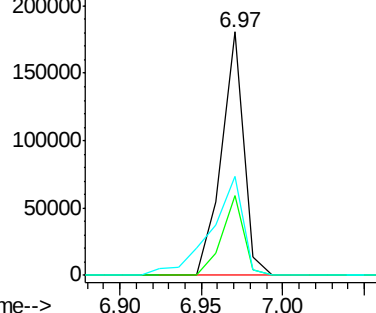
#8
2-Chlorophenol
Concen: 43.50 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion: 128 Resp: 171736
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 40.6 29.6 69.6

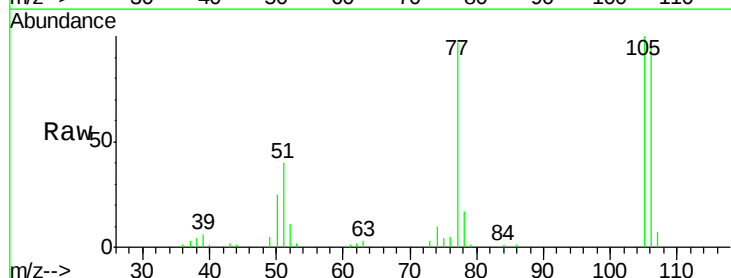


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

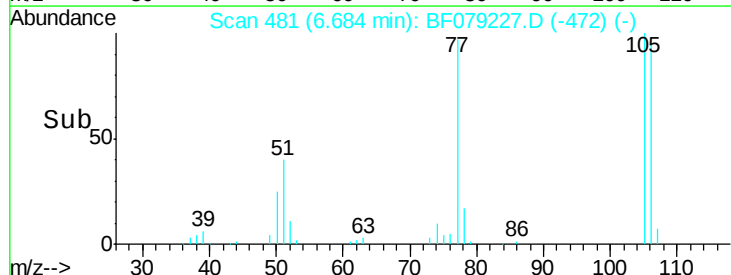
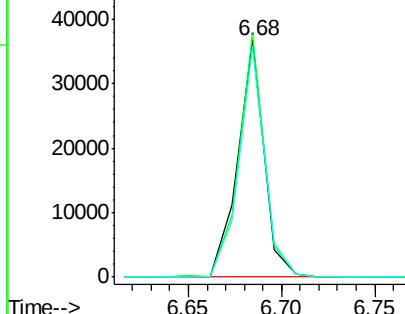


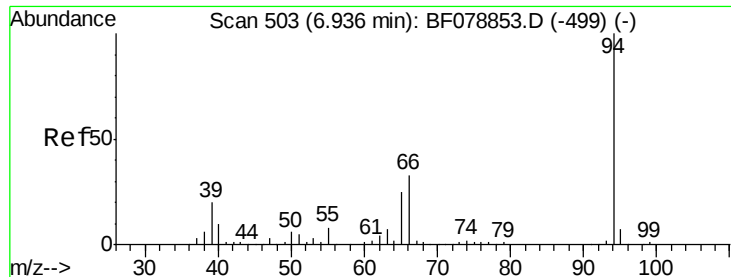
#9
Benzaldehyde
Concen: 11.69 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion: 77 Resp: 36222
Ion Ratio Lower Upper
77 100
105 102.7 81.7 121.7
106 97.4 79.0 119.0



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: 38.07 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

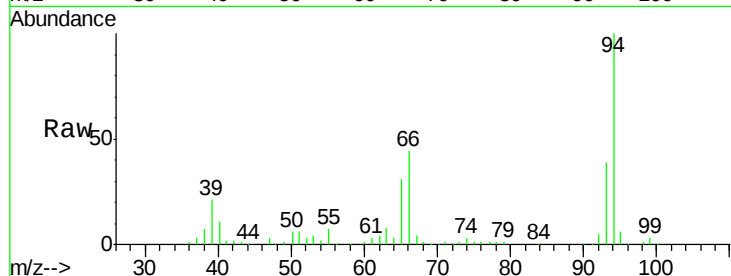
Tgt Ion: 94 Resp: 203190

Ion Ratio Lower Upper

94 100

65 30.9 8.5 48.5

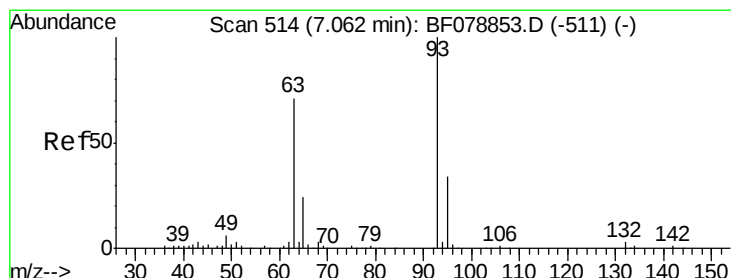
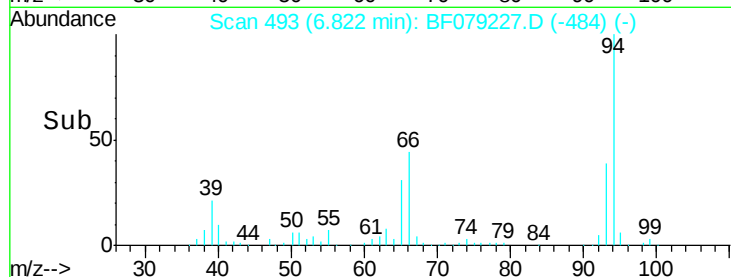
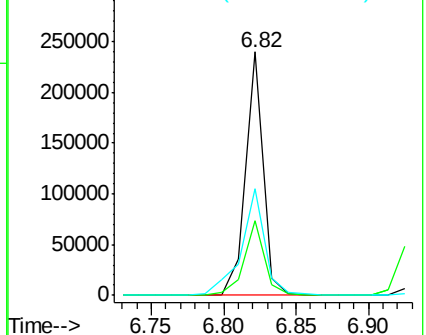
66 44.0 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 42.28 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

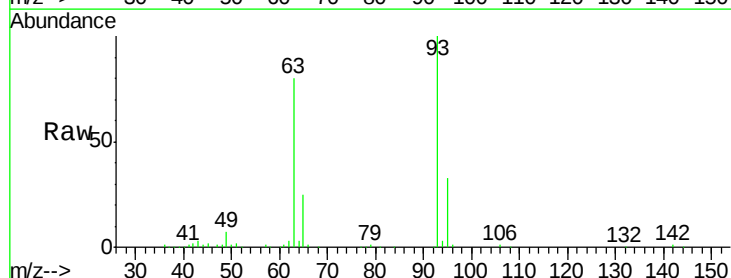
Tgt Ion: 93 Resp: 165431

Ion Ratio Lower Upper

93 100

63 80.4 64.8 104.8

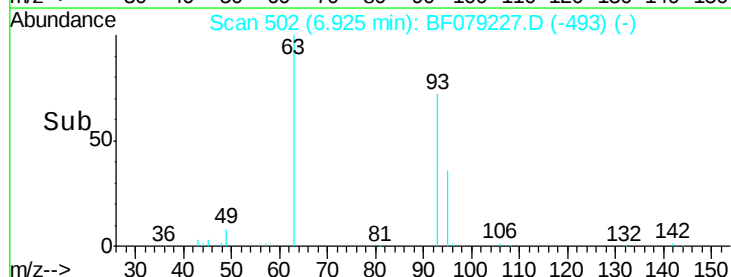
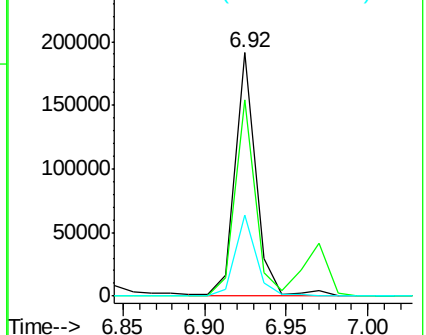
95 33.2 12.4 52.4

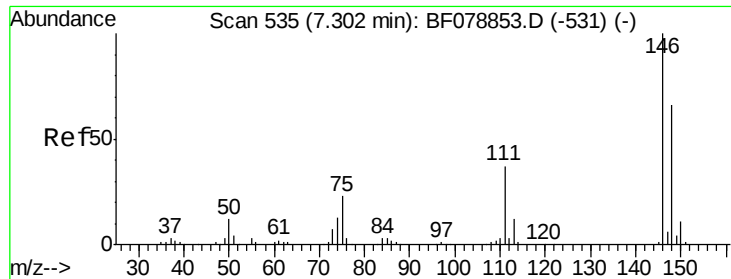


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

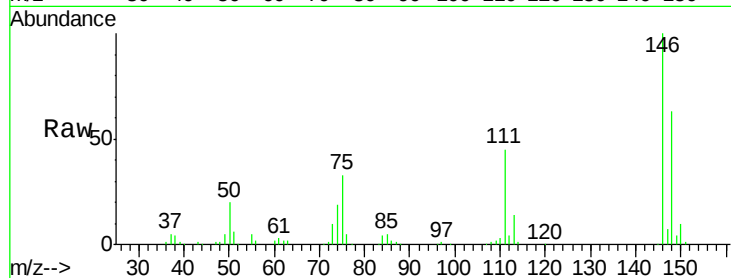




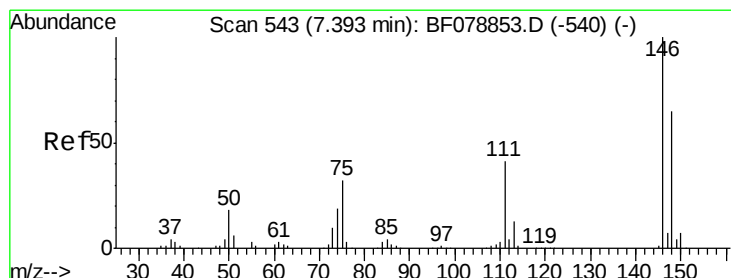
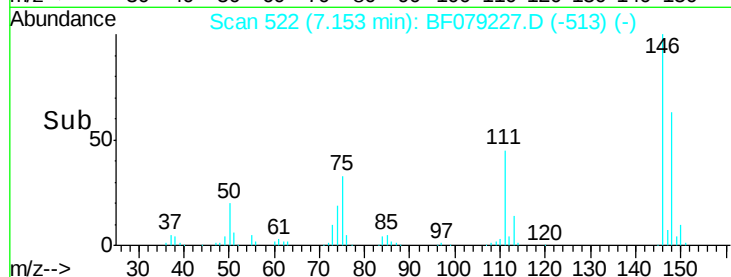
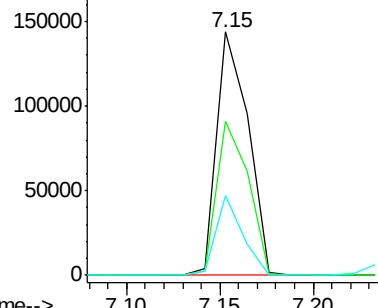
#12
 1,3-Dichlorobenzene
 Concen: 37.88 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.2	75.2
75	32.8	29.2	43.8

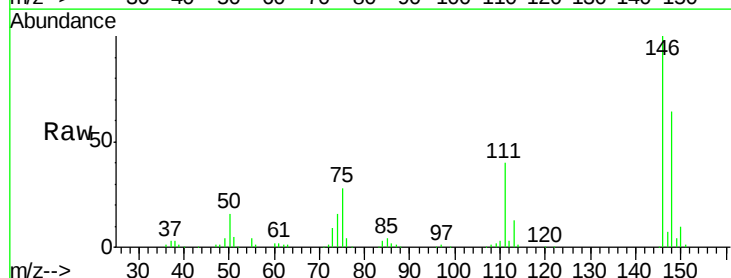


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

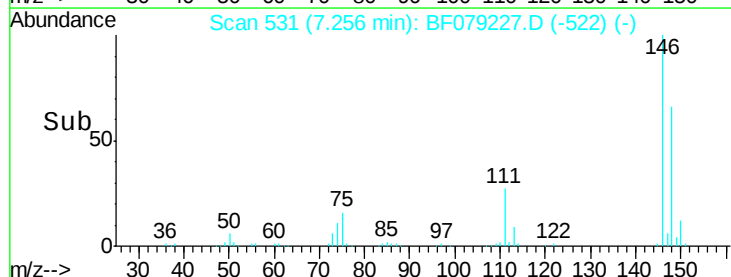
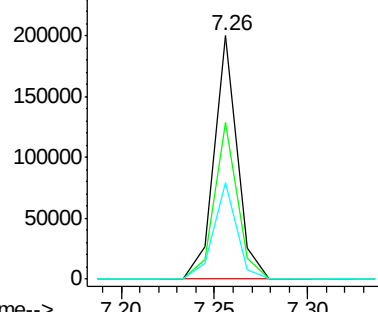


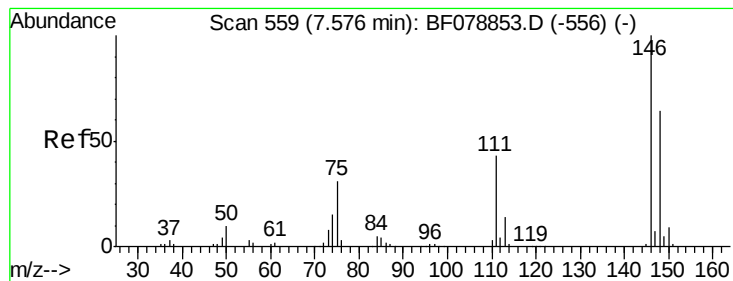
#13
 1,4-Dichlorobenzene
 Concen: 38.04 ng
 RT: 7.26 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.8	79.2
111	39.9	31.7	47.5



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: 39.40 ng

RT: 7.44 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

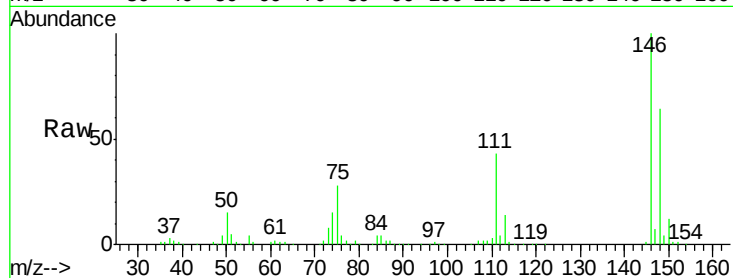
Tgt Ion:146 Resp: 167503

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

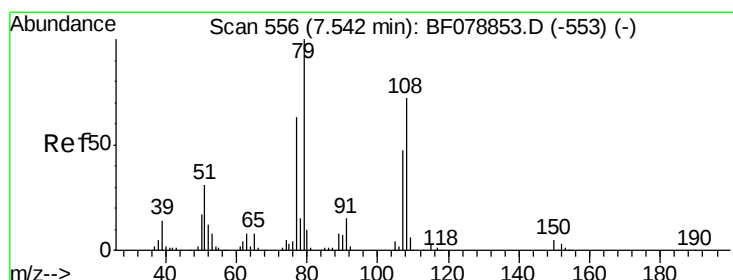
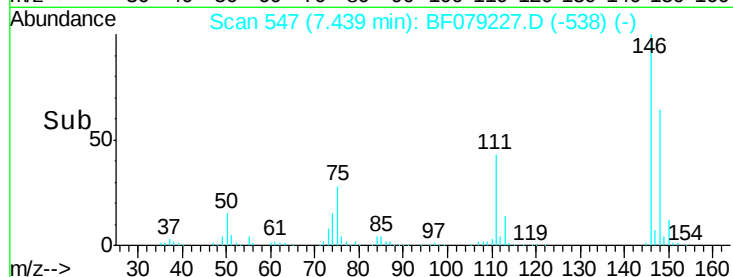
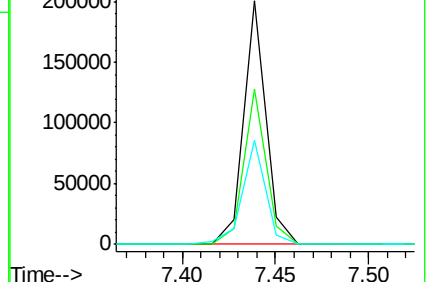
111 42.6 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 39.31 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

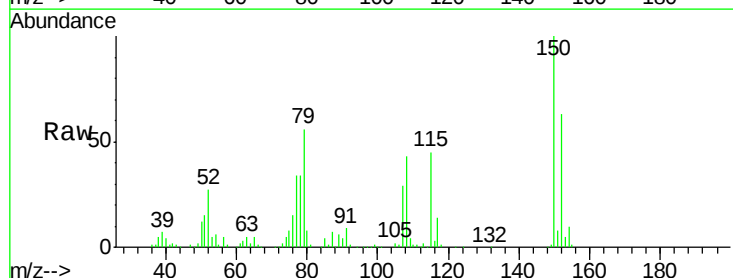
Tgt Ion: 79 Resp: 134272

Ion Ratio Lower Upper

79 100

108 77.3 62.5 93.7

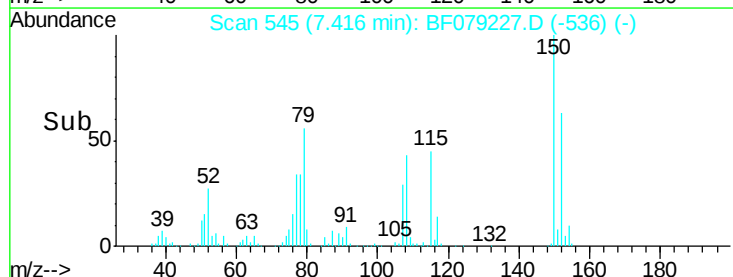
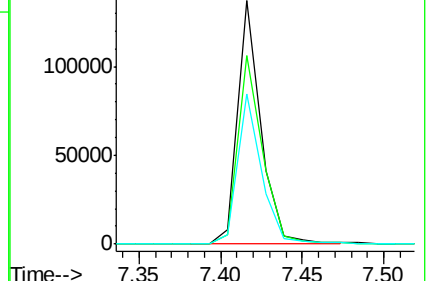
77 61.8 52.2 78.4

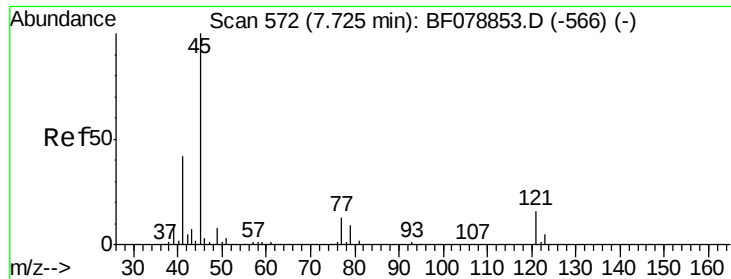


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

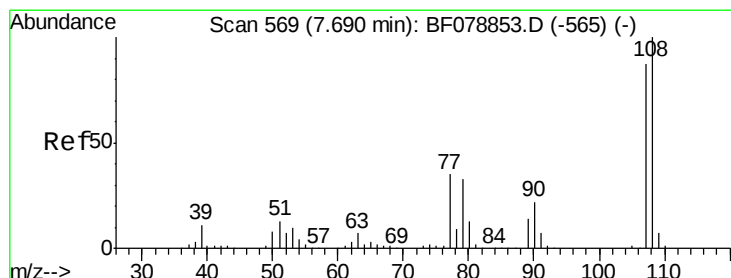
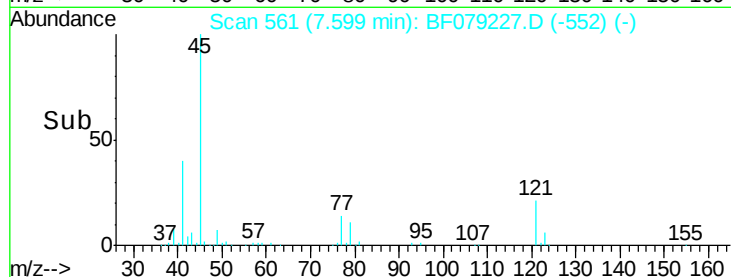
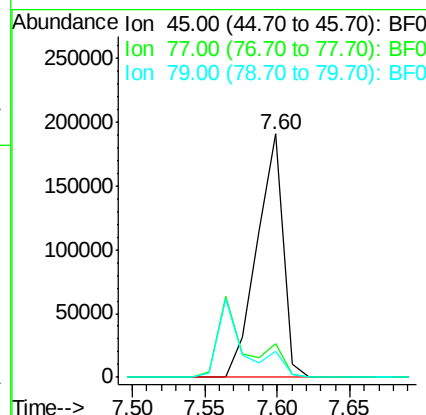
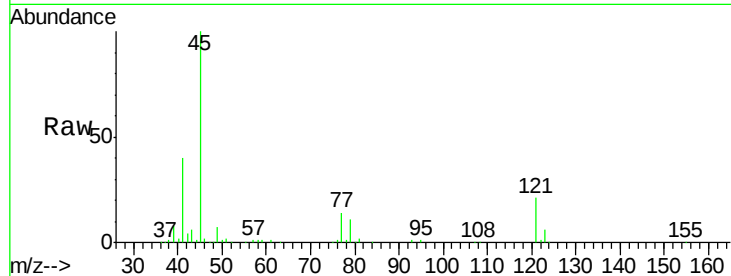




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 39.99 ng
 RT: 7.60 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

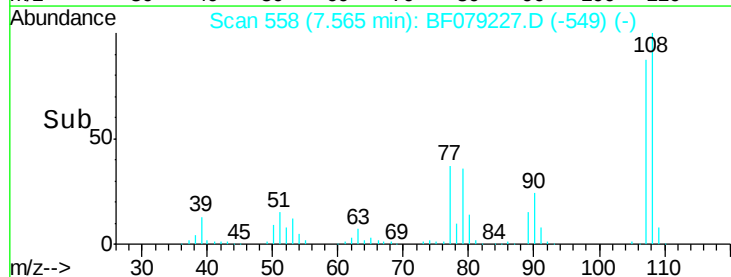
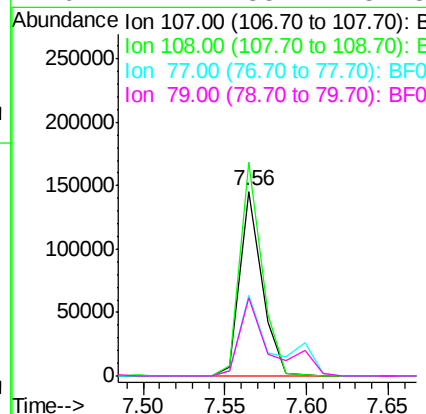
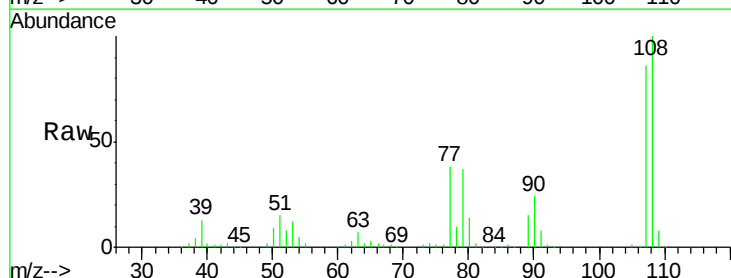
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

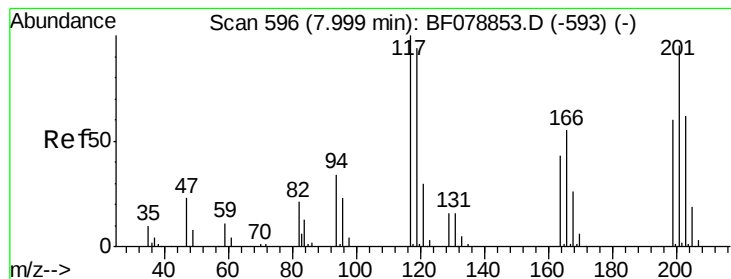
Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.3
79	10.8	0.0	30.1



#17
 2-Methylphenol
 Concen: 42.82 ng
 RT: 7.56 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.6	94.9	142.3
77	43.7	36.2	54.4
79	42.4	35.2	52.8





#18

Hexachloroethane

Concen: 34.22 ng

RT: 7.85 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

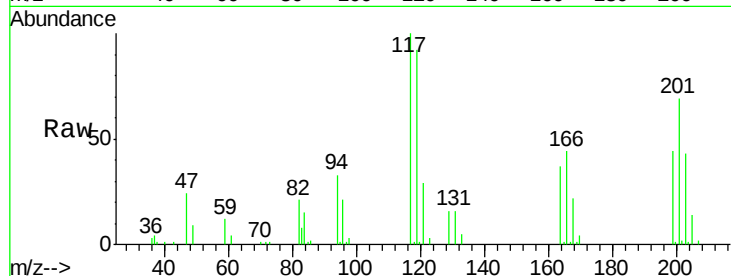
Tgt Ion:117 Resp: 53821

Ion Ratio Lower Upper

117 100

119 92.2 75.4 113.0

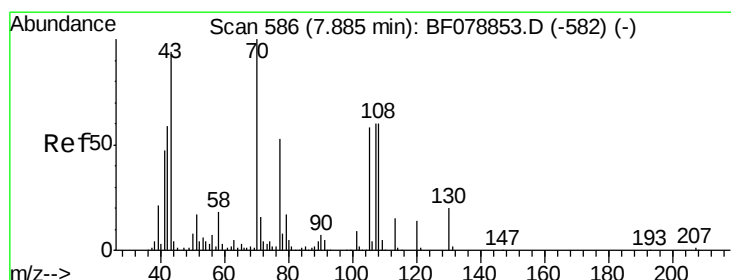
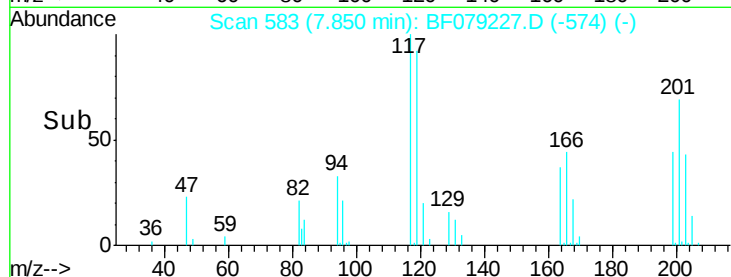
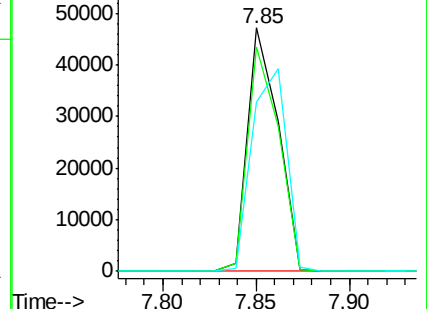
201 69.3 83.2 124.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 38.44 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Tgt Ion: 70 Resp: 119450

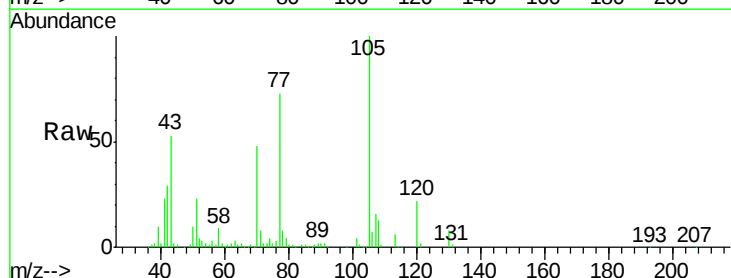
Ion Ratio Lower Upper

70 100

42 60.5 55.4 83.0

101 8.5 6.6 10.0

130 17.4 11.9 17.9

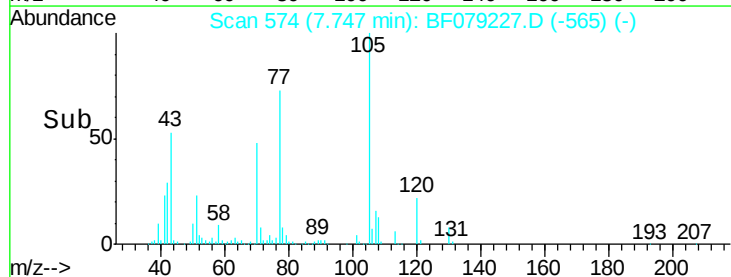
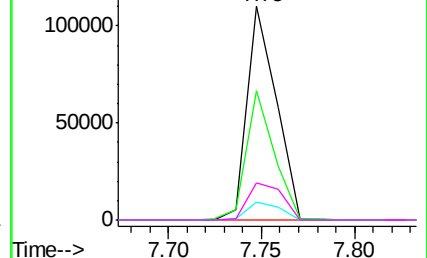


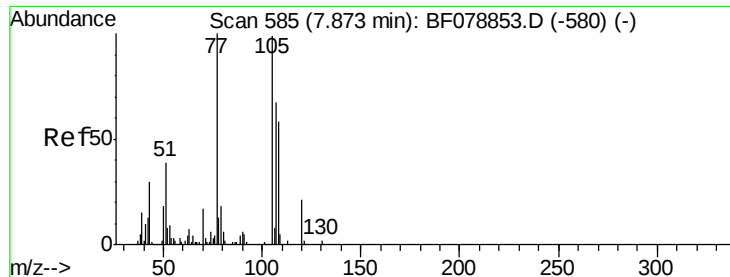
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

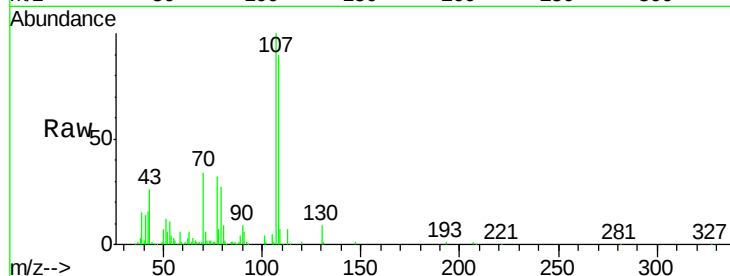




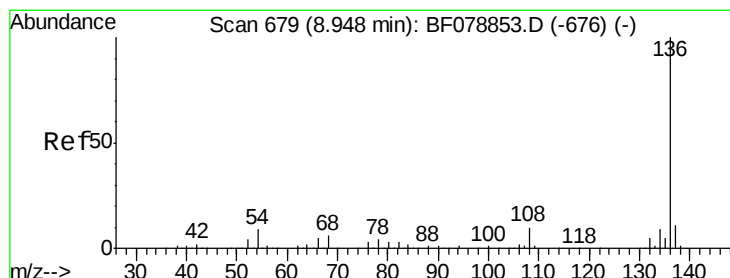
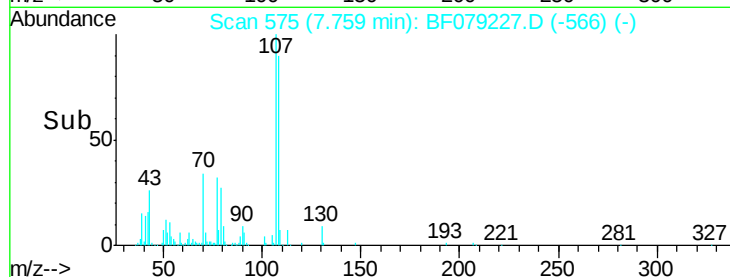
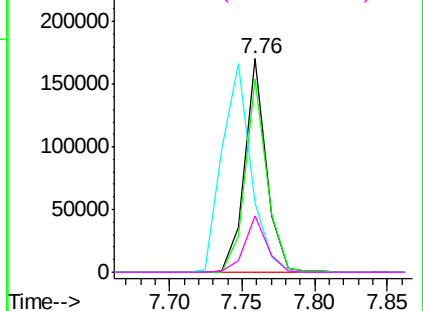
#20
3+4-Methylphenols
Concen: 41.78 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion:107 Resp: 176887
Ion Ratio Lower Upper
107 100
108 90.5 76.9 116.9
77 32.3 136.8 176.8#
79 26.6 9.7 49.7

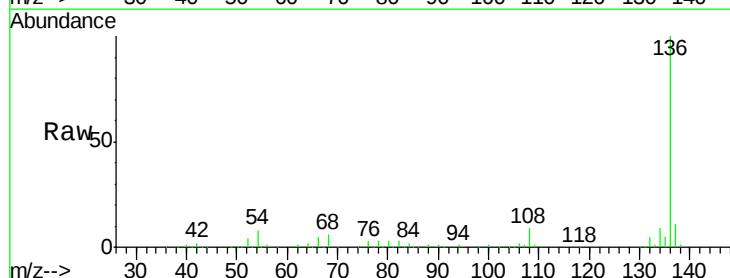


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

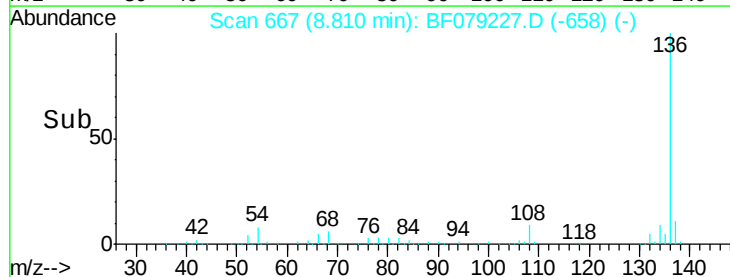
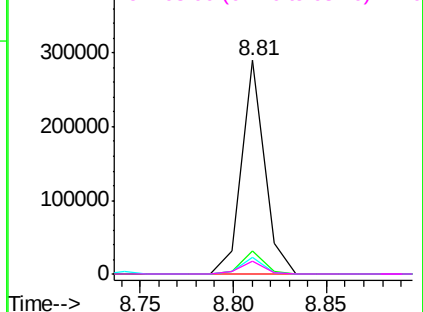


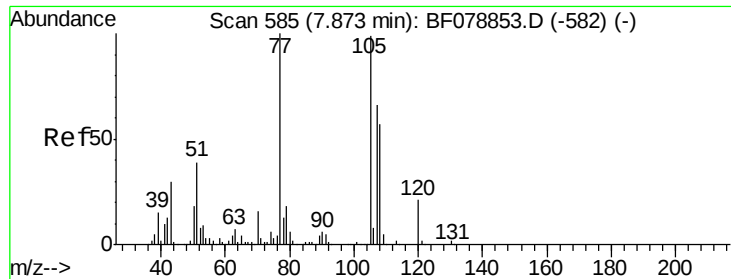
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion:136 Resp: 249337
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 5.8 8.8
68 6.0 4.2 6.4



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

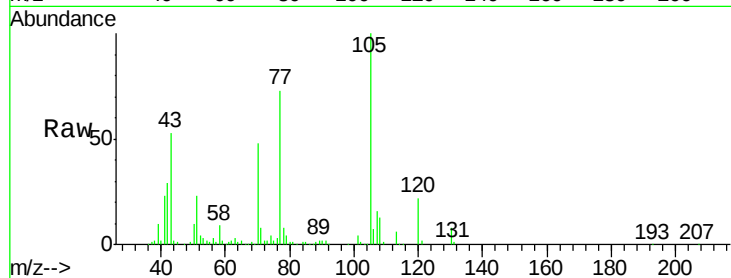




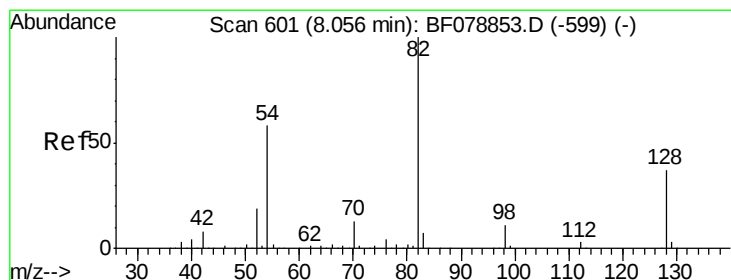
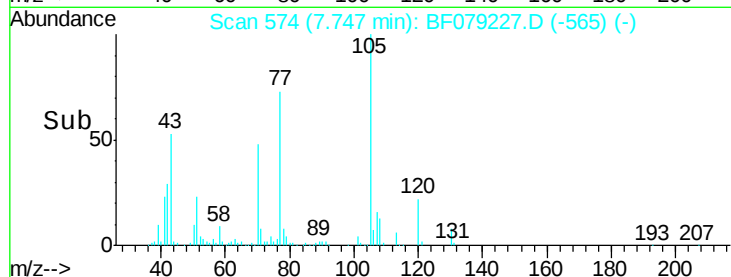
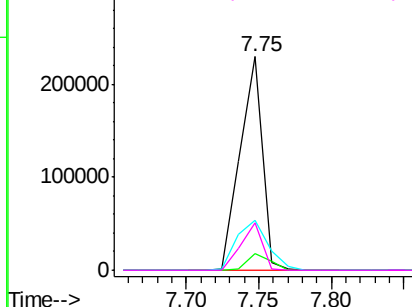
#22
Acetophenone
Concen: 43.58 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion: 105 Resp: 245515
Ion Ratio Lower Upper
105 100
71 8.0 4.6 6.8#
51 23.4 26.7 40.1#
120 22.3 17.4 26.0

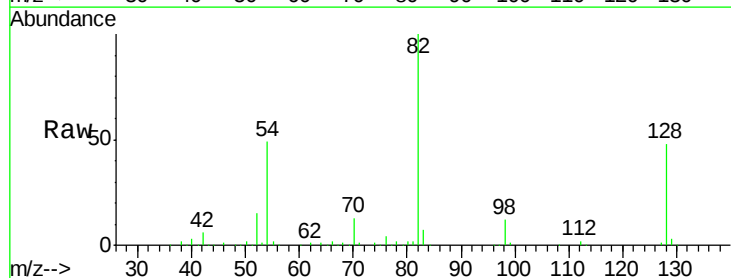


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

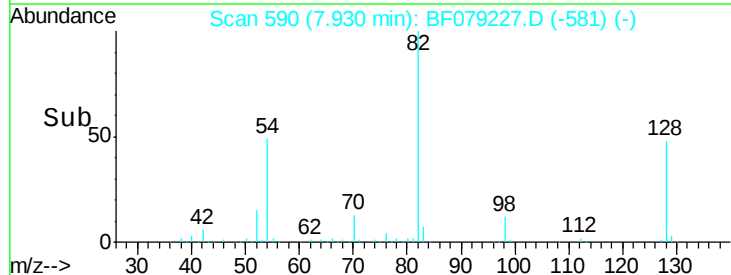
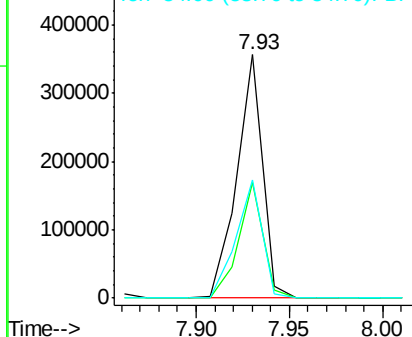


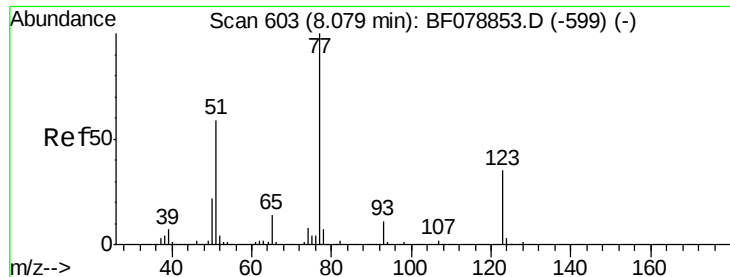
#23
Nitrobenzene-d5
Concen: 79.13 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion: 82 Resp: 343288
Ion Ratio Lower Upper
82 100
128 47.6 30.0 45.0#
54 48.5 46.4 69.6



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

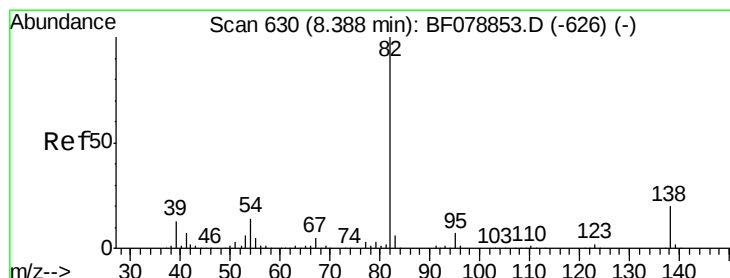
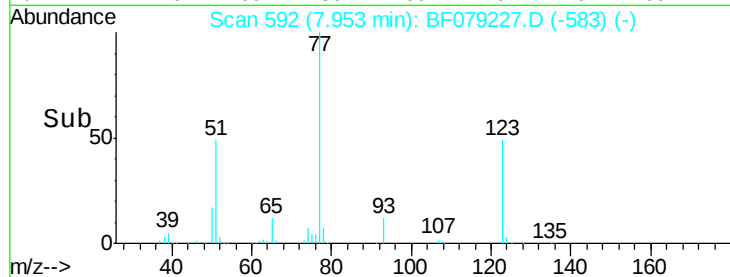
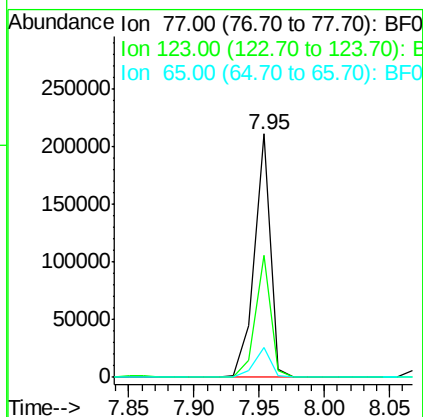
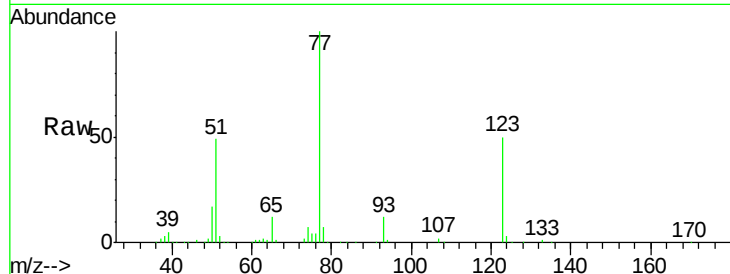




#24
 Nitrobenzene
 Concen: 42.43 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

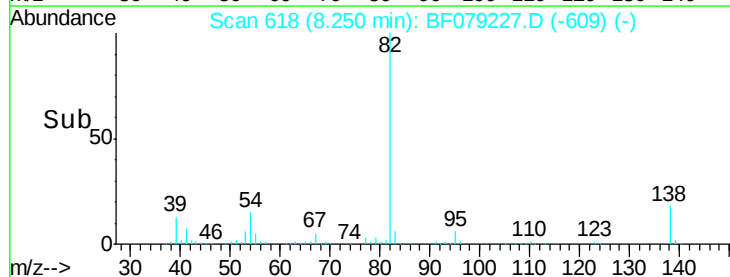
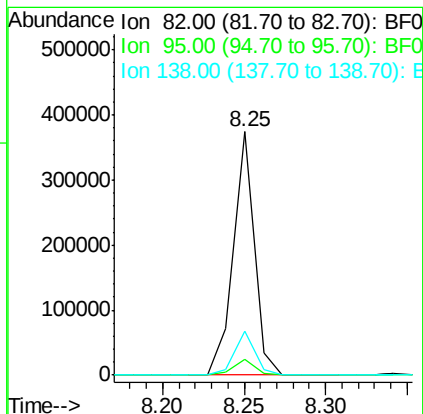
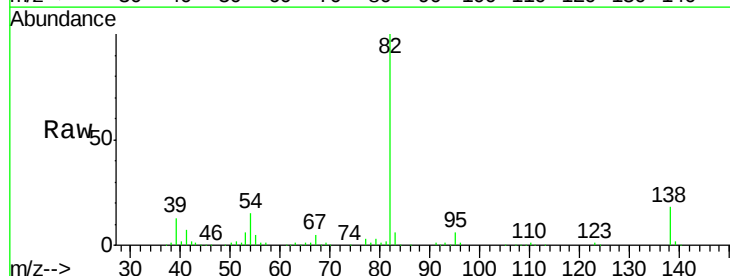
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

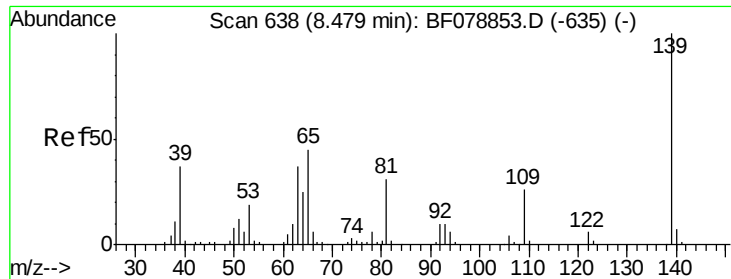
Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	31.8	47.8#
65	12.4	10.6	15.8



#25
 Isophorone
 Concen: 41.14 ng
 RT: 8.25 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.3	7.9
138	17.9	12.0	18.0

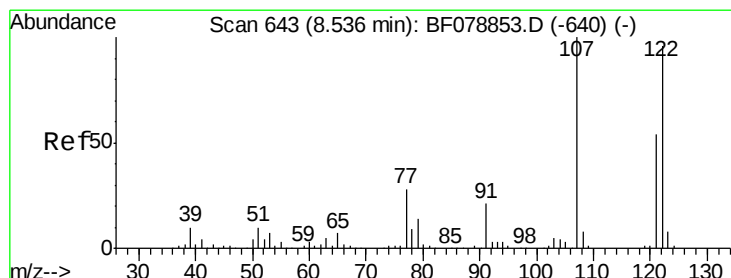
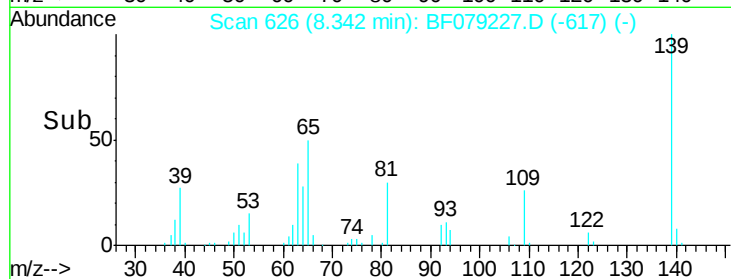
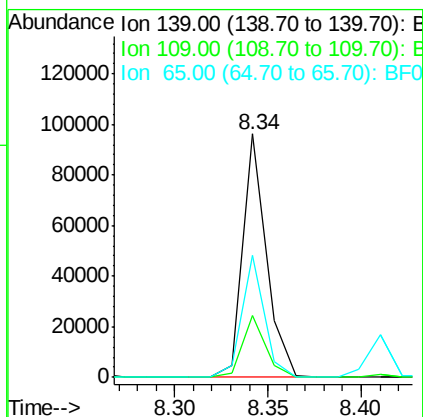
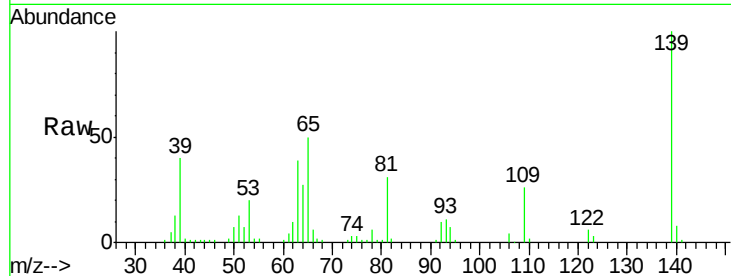




#26
 2-Nitrophenol
 Concen: 47.72 ng
 RT: 8.34 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

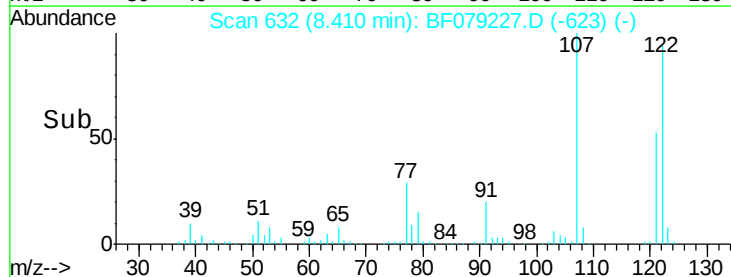
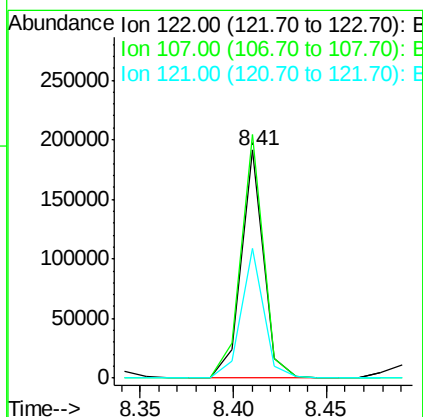
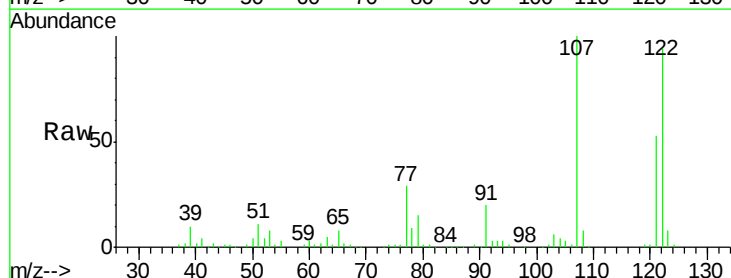
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

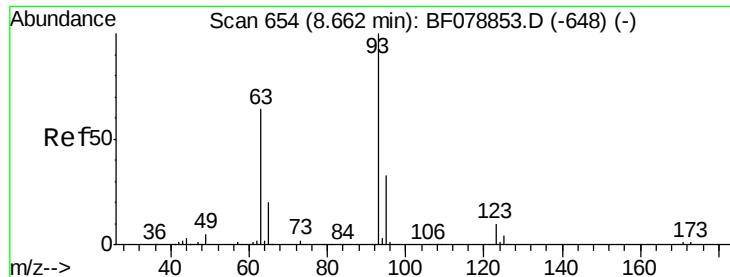
Tgt Ion:139 Resp: 84932
 Ion Ratio Lower Upper
 139 100
 109 25.6 21.0 31.4
 65 50.1 30.5 45.7#



#27
 2,4-Dimethylphenol
 Concen: 45.02 ng
 RT: 8.41 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:122 Resp: 160349
 Ion Ratio Lower Upper
 122 100
 107 106.8 90.6 135.8
 121 57.1 45.4 68.2

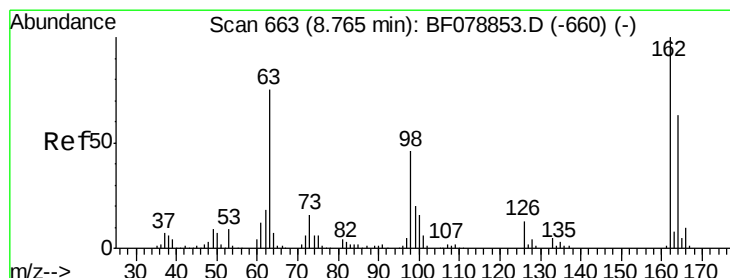
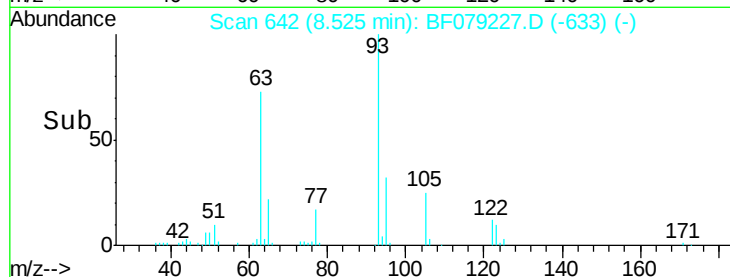
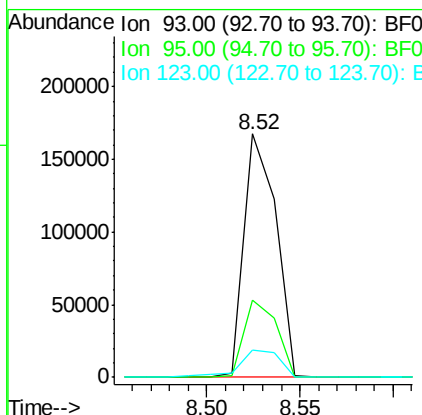
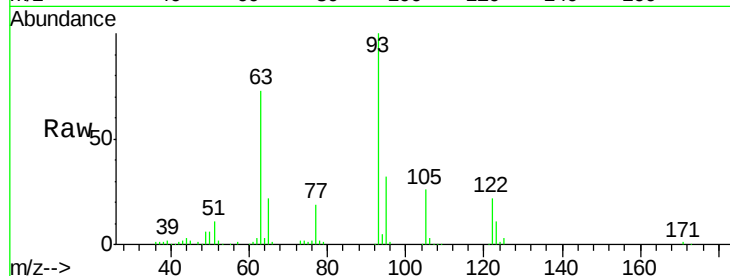




#28
 bis(2-Chloroethoxy)methane
 Concen: 40.72 ng
 RT: 8.52 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

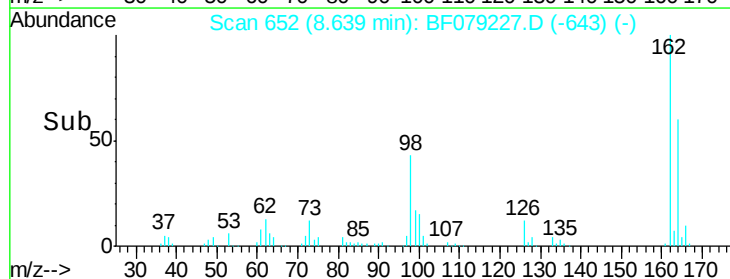
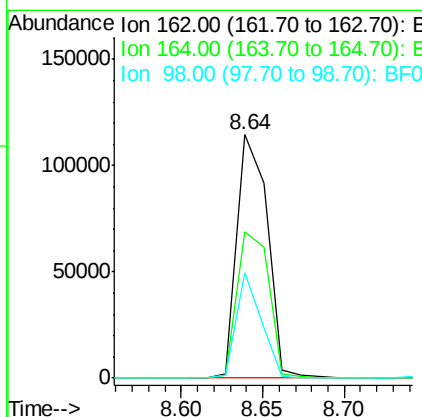
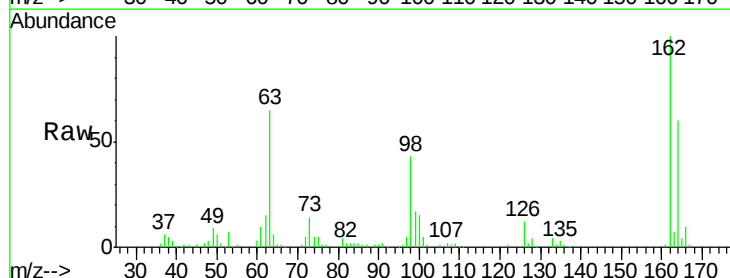
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

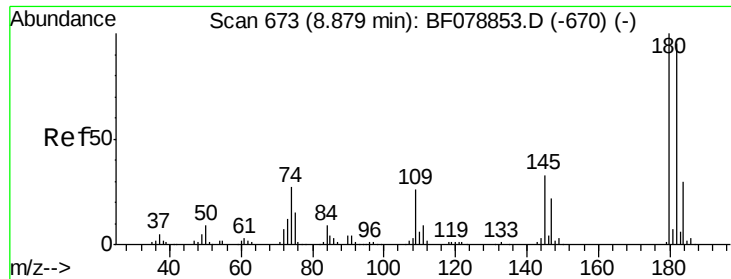
Tgt Ion: 93 Resp: 201903
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.7 40.1
 123 11.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 46.36 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion: 162 Resp: 146836
 Ion Ratio Lower Upper
 162 100
 164 60.0 43.6 83.6
 98 43.1 16.5 56.5

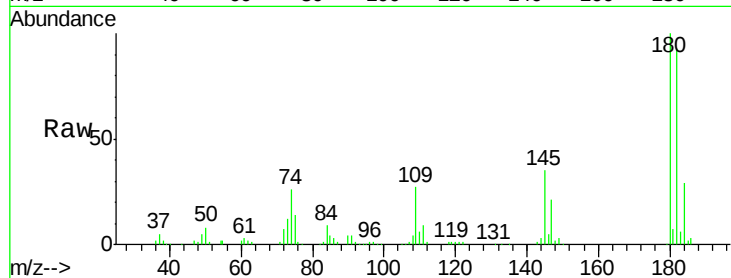




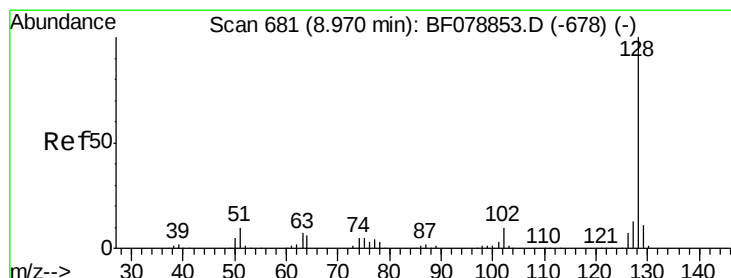
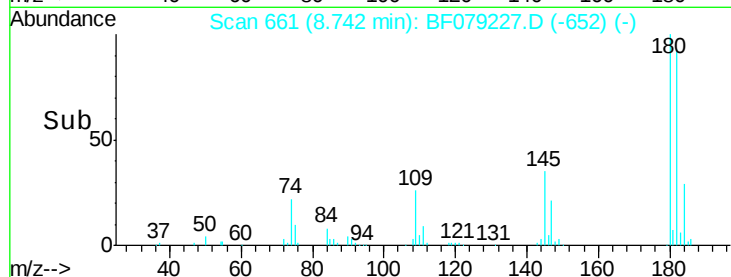
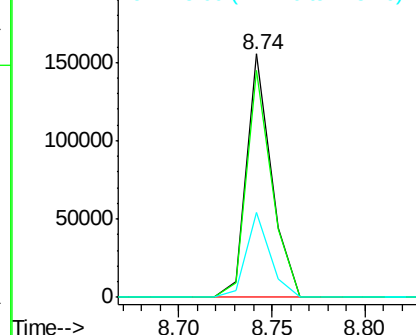
#30
 1,2,4-Trichlorobenzene
 Concen: 41.47 ng
 RT: 8.74 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion:180 Resp: 144283
 Ion Ratio Lower Upper
 180 100
 182 93.4 78.9 118.3
 145 35.0 24.2 36.4

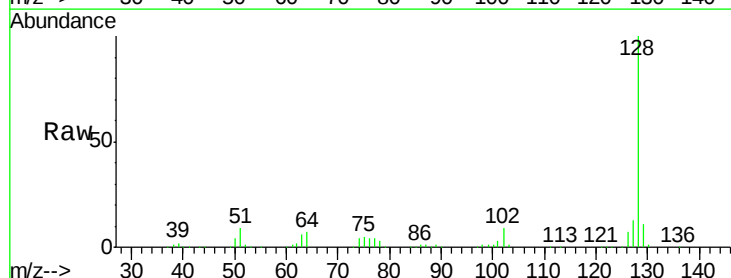


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

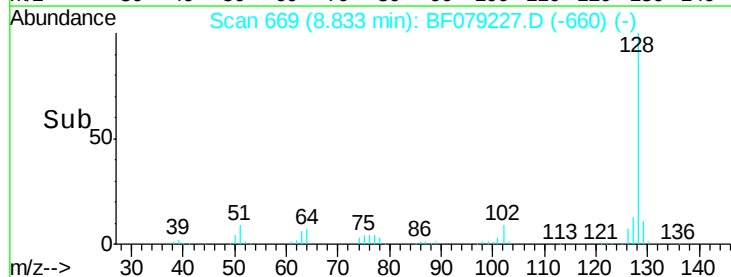
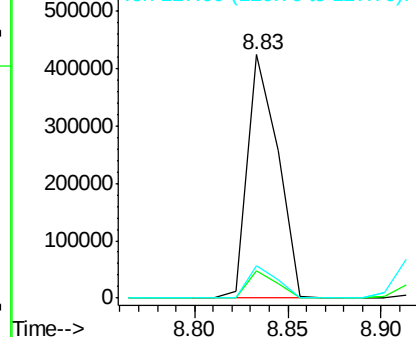


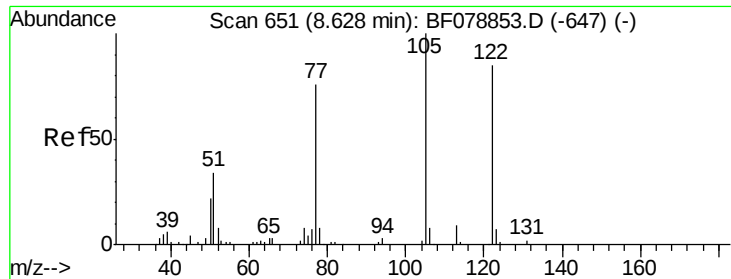
#31
 Naphthalene
 Concen: 40.29 ng
 RT: 8.83 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:128 Resp: 478708
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 13.1 10.7 16.1



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

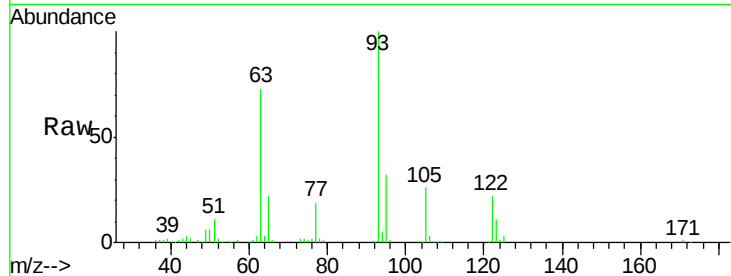




#32
Benzoic acid
Concen: 45.63 ng
RT: 8.52 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	107.1	147.1
77	88.5	73.9	113.9

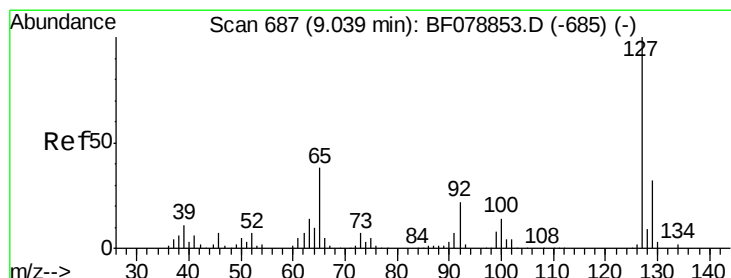
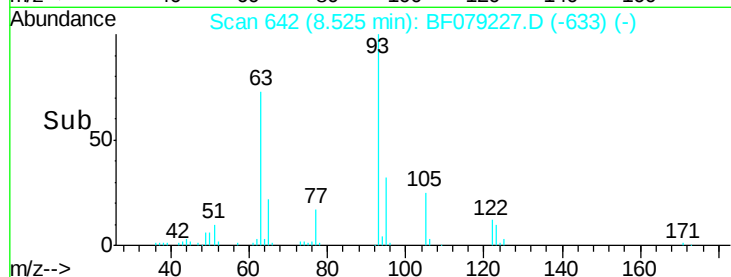
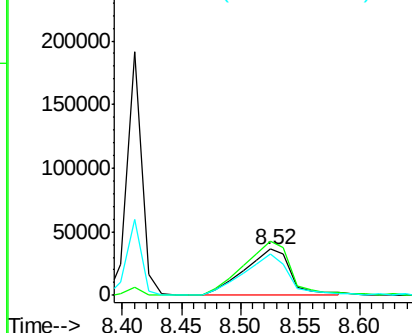


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33
4-Chloroaniline
Concen: 13.69 ng
RT: 8.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	27.8	25.8	38.6
92	19.1	15.5	23.3

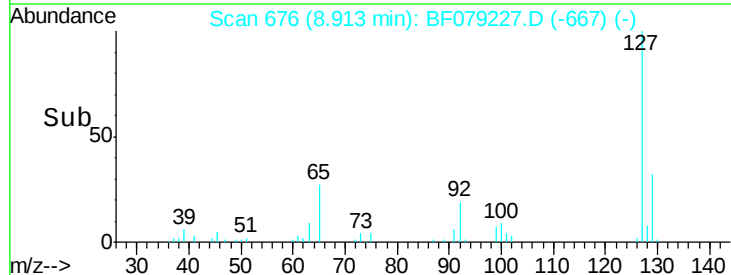
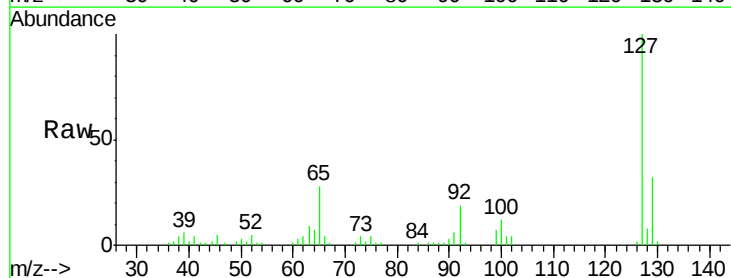
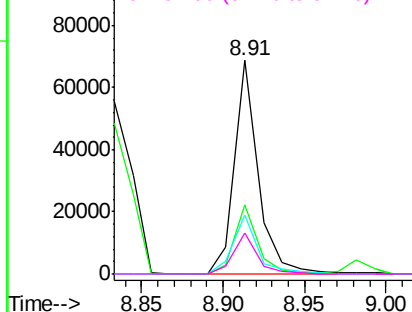
Abundance

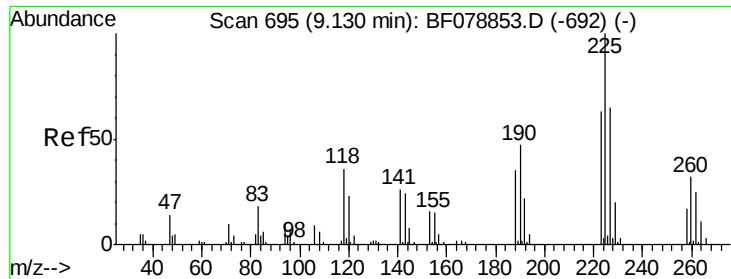
Ion 127.00 (126.70 to 127.70): E

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: 38.85 ng

RT: 8.99 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

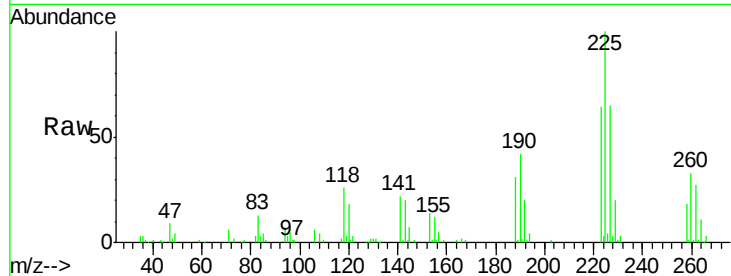
Tgt Ion:225 Resp: 77831

Ion Ratio Lower Upper

225 100

223 63.5 48.2 72.4

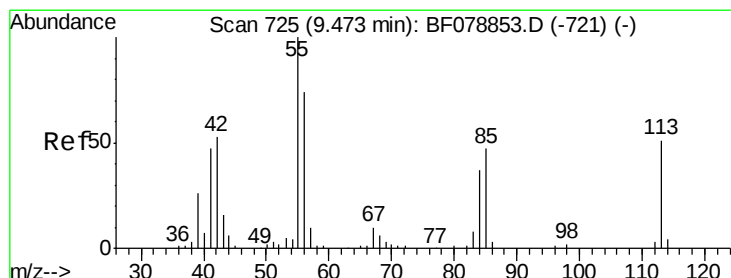
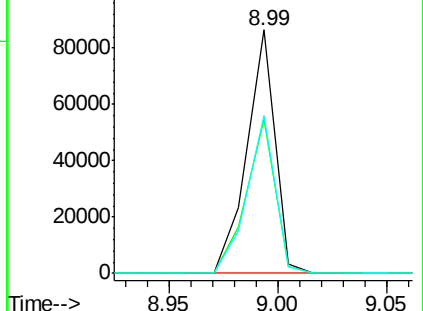
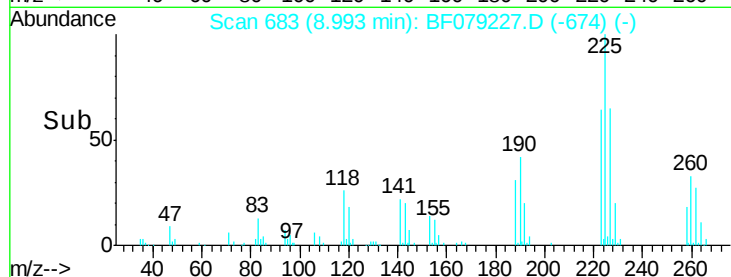
227 64.9 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 39.23 ng

RT: 9.35 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

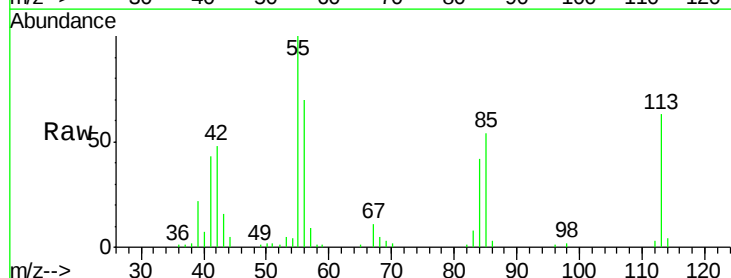
Tgt Ion:113 Resp: 40182

Ion Ratio Lower Upper

113 100

55 157.7 169.7 209.7#

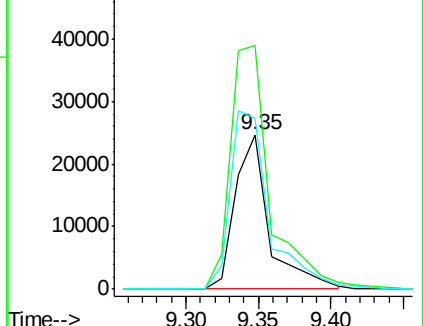
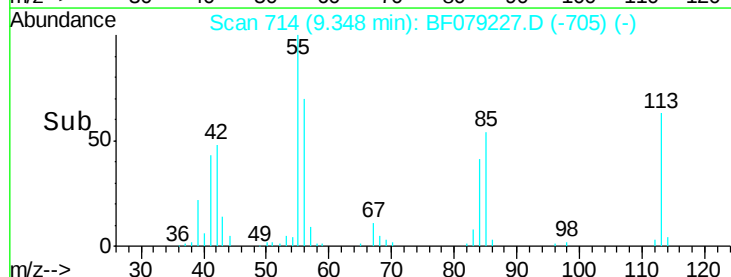
56 110.8 122.5 162.5#

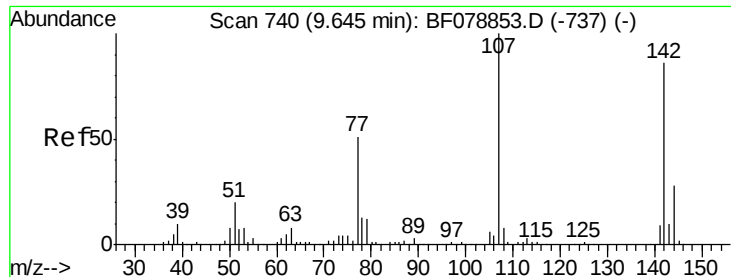


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

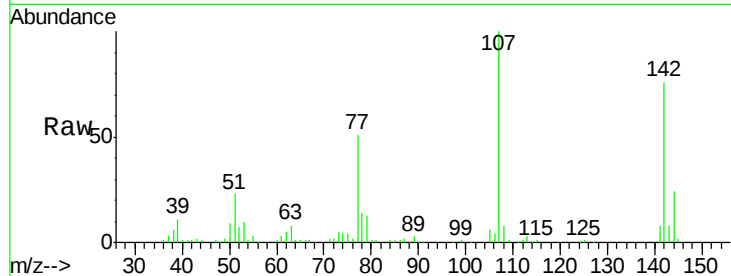




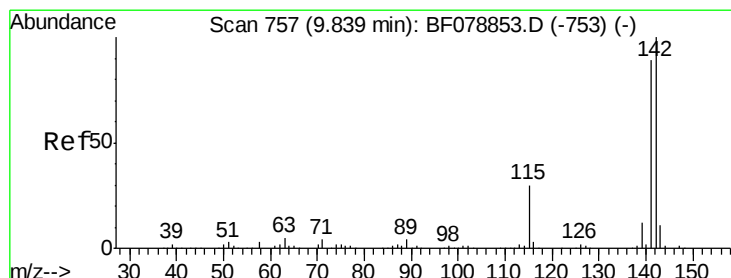
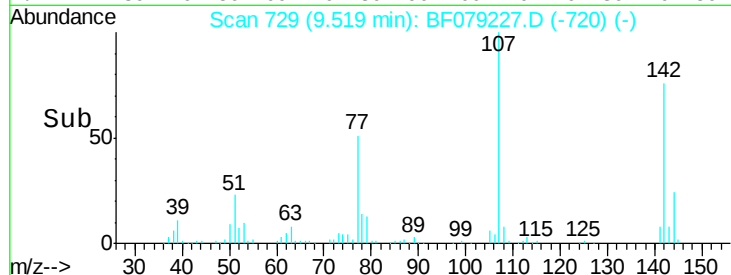
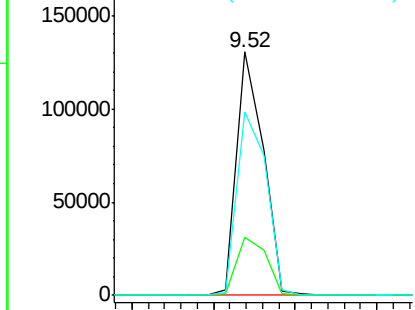
#36
 4-Chloro-3-methylphenol
 Concen: 44.32 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion:107 Resp: 147447
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.8 29.6
 142 75.6 60.6 91.0

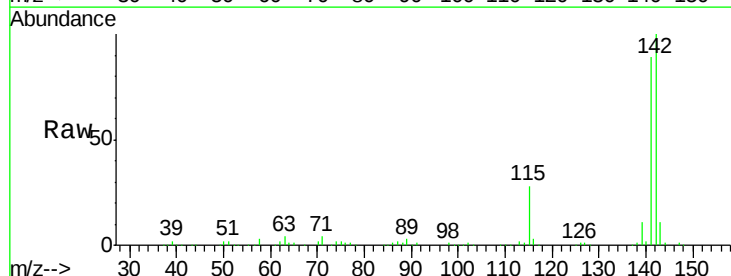


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

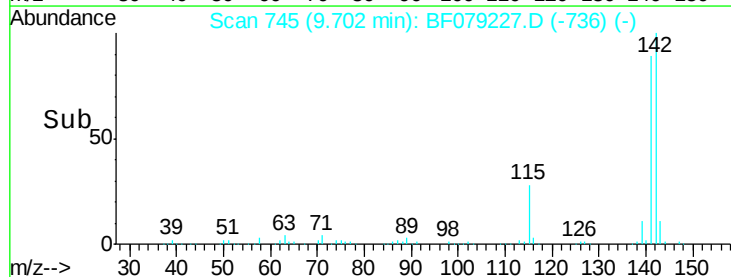
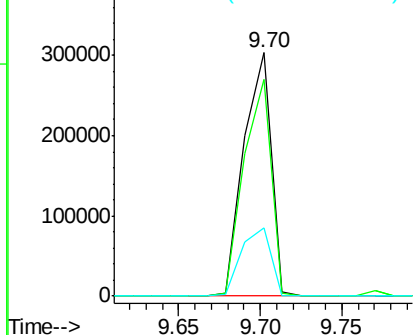


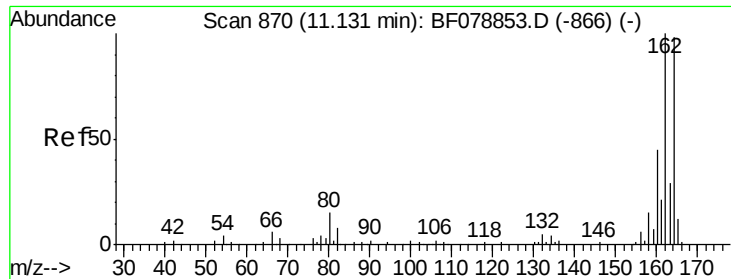
#37
 2-Methylnaphthalene
 Concen: 42.66 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:142 Resp: 351257
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.9 106.3
 115 28.0 28.5 42.7#



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

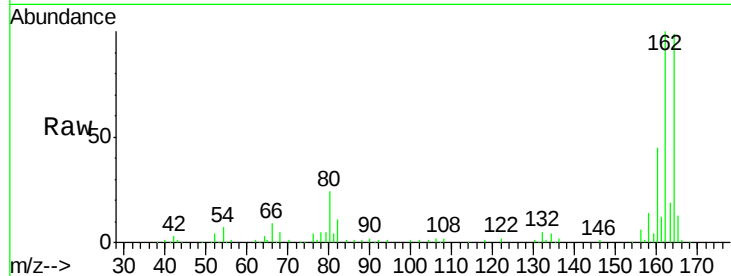




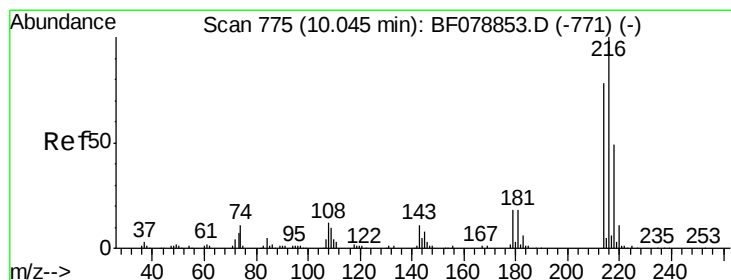
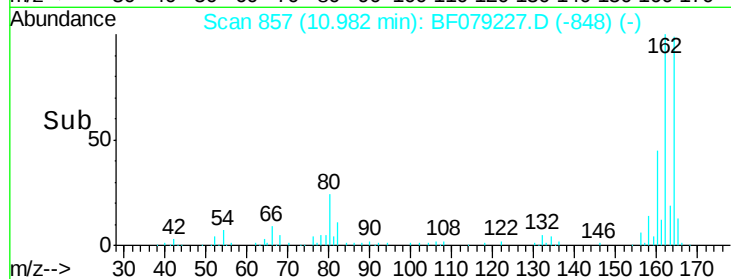
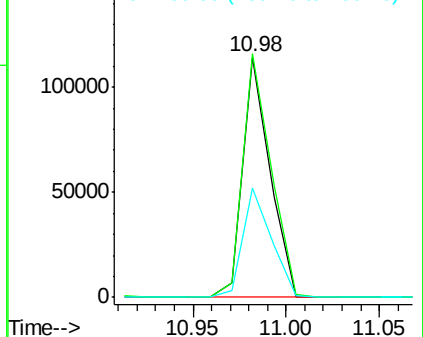
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion:164 Resp: 116229
Ion Ratio Lower Upper
164 100
162 101.3 82.7 124.1
160 45.5 35.8 53.8

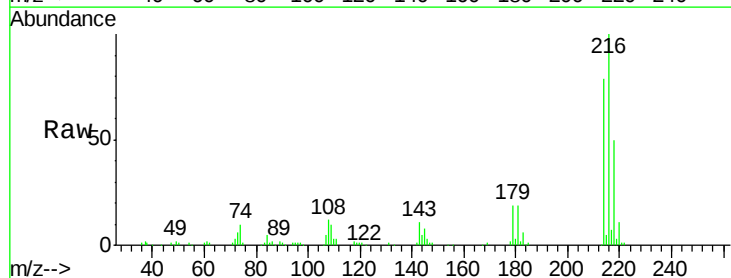


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

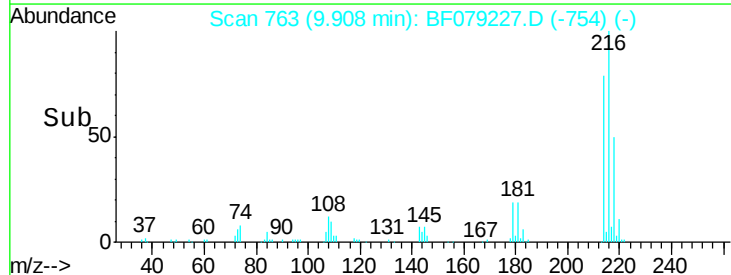
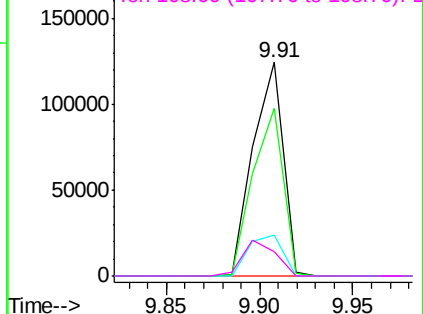


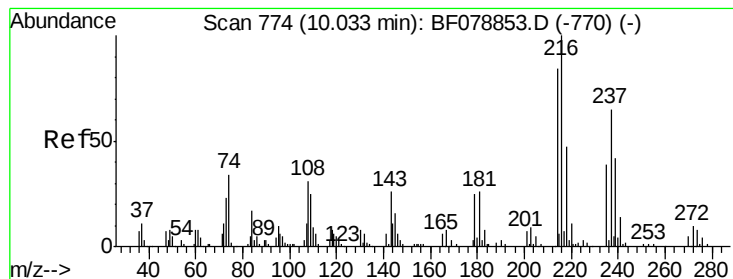
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.43 ng
RT: 9.91 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion:216 Resp: 138891
Ion Ratio Lower Upper
216 100
214 79.0 0.0 0.0#
179 21.9 0.0 0.0#
108 18.4 0.0 0.0#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 20.41 ng

RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

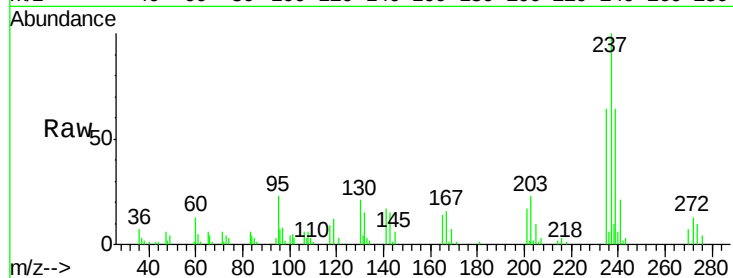
Tgt Ion:237 Resp: 33594

Ion Ratio Lower Upper

237 100

235 64.1 44.7 84.7

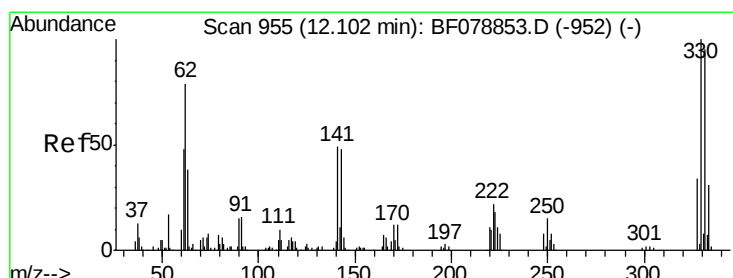
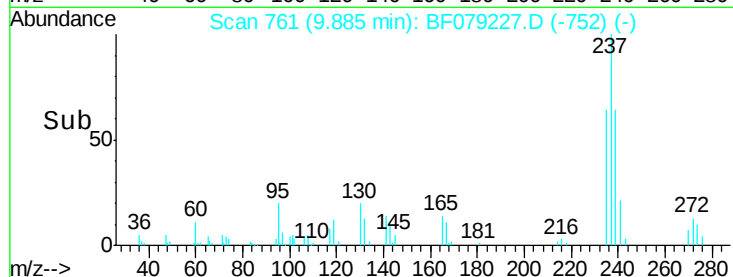
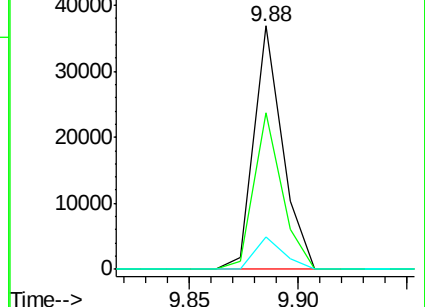
272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 133.88 ng

RT: 11.97 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

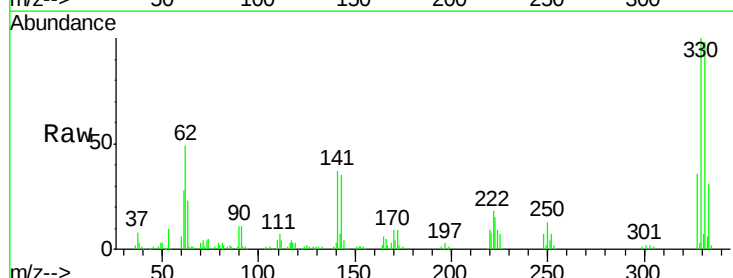
Tgt Ion:330 Resp: 168337

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

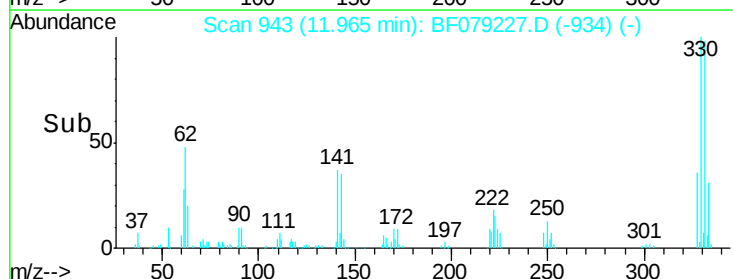
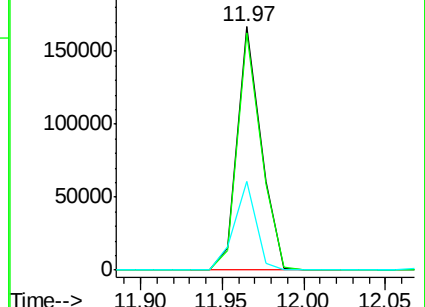
141 33.5 0.0 0.0#

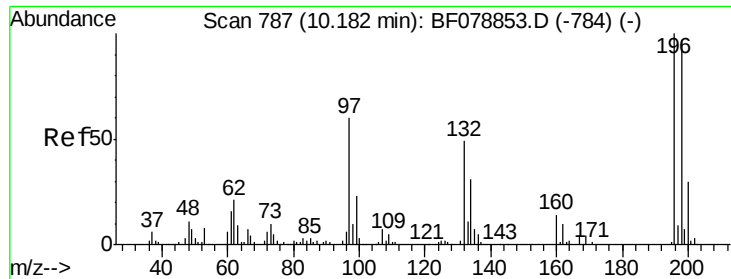


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

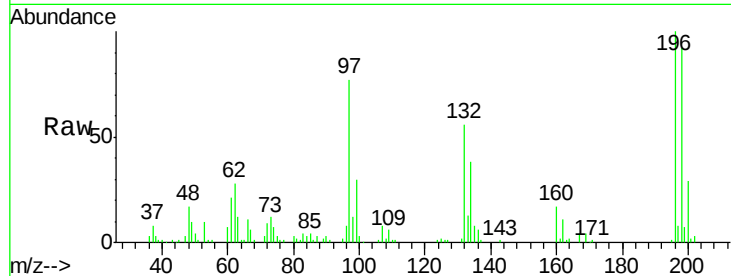




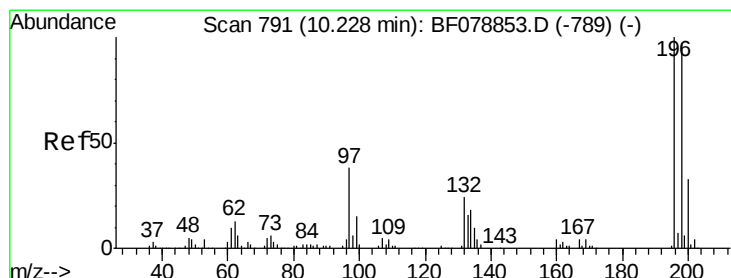
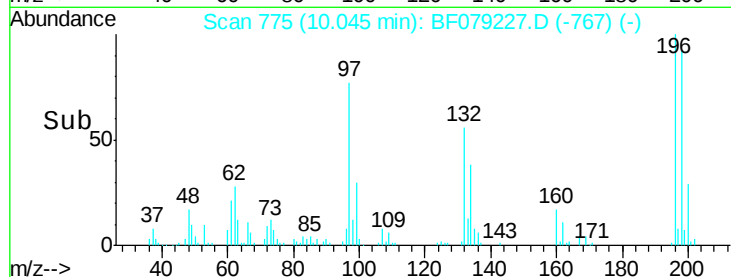
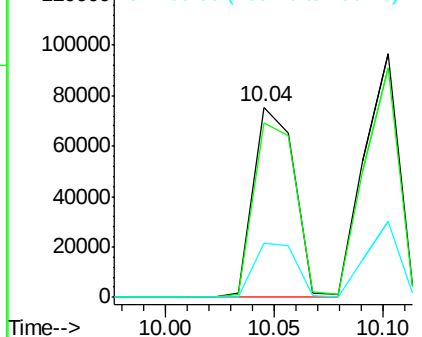
#42
 2,4,6-Trichlorophenol
 Concen: 44.23 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion:196 Resp: 99542
 Ion Ratio Lower Upper
 196 100
 198 91.8 80.5 120.7
 200 28.8 24.9 37.3

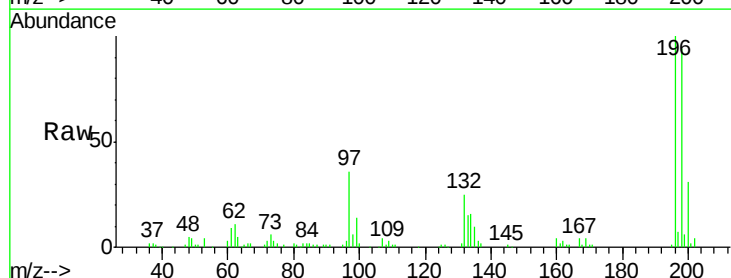


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

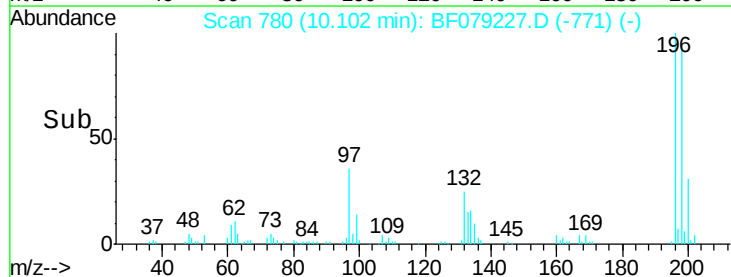
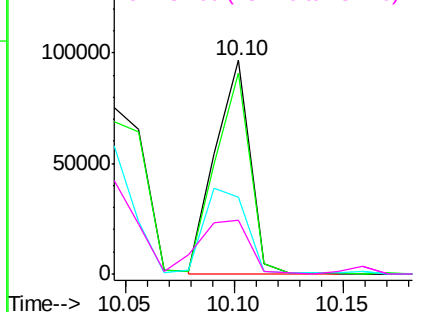


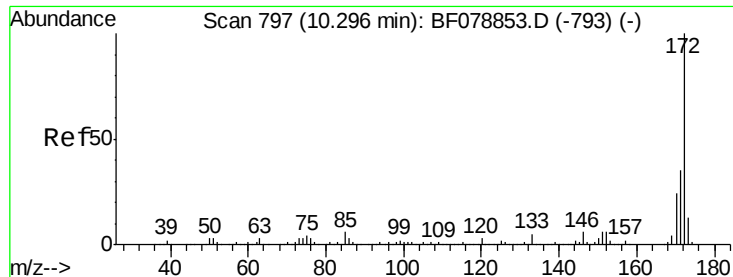
#43
 2,4,5-Trichlorophenol
 Concen: 47.30 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:196 Resp: 107628
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.8 119.6
 97 35.8 46.0 69.0#
 132 24.9 26.6 40.0#



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

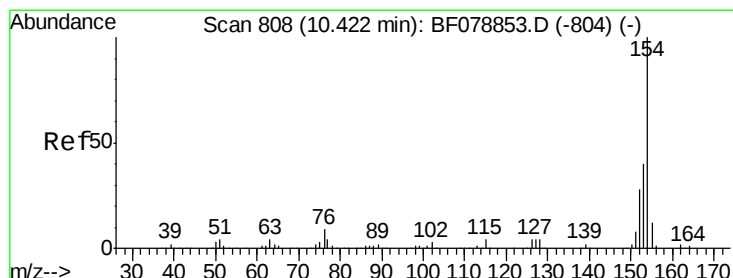
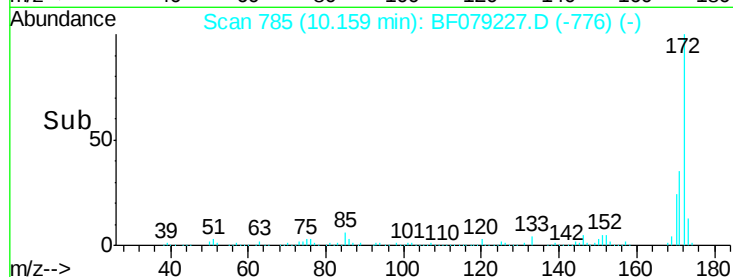
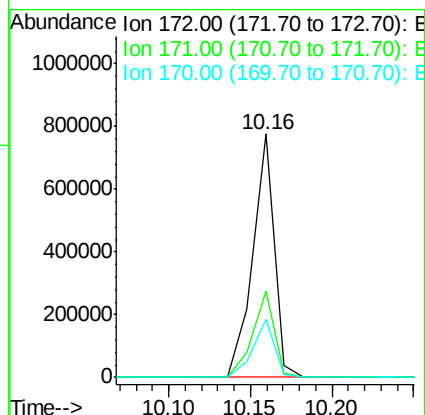
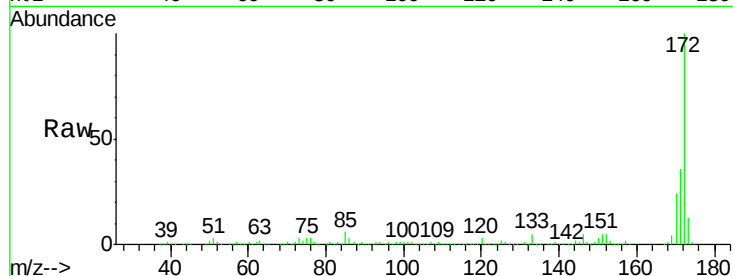




#44
 2-Fluorobiphenyl
 Concen: 84.81 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

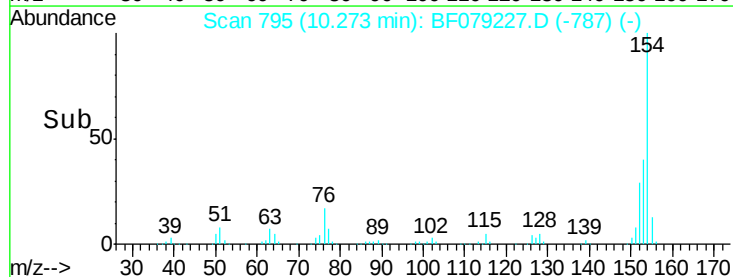
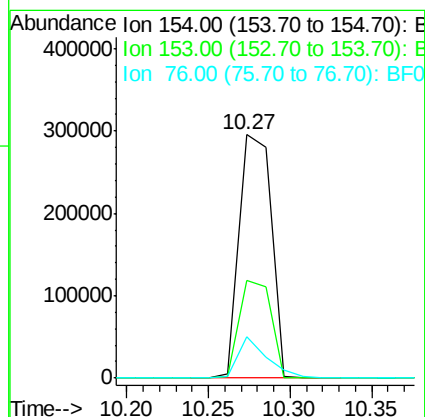
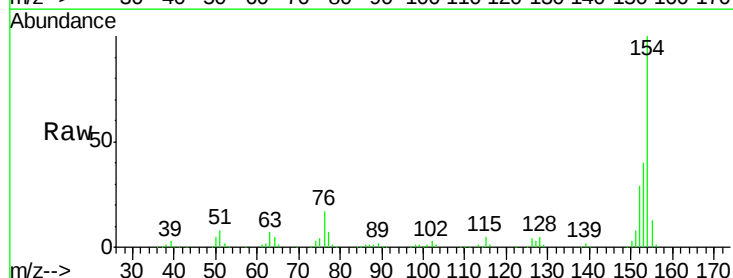
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

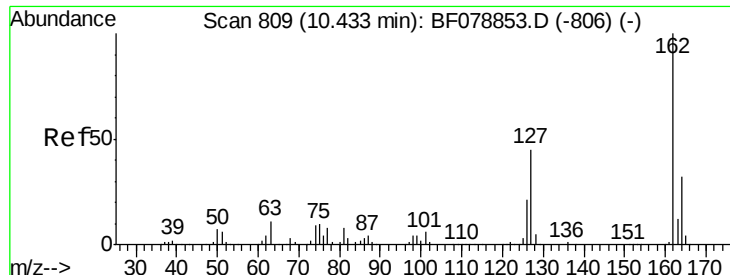
Tgt Ion:172 Resp: 707534
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 23.9 19.4 29.0



#45
 1,1'-Biphenyl
 Concen: 43.38 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:154 Resp: 400829
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.9 59.9
 76 17.0 0.0 35.0

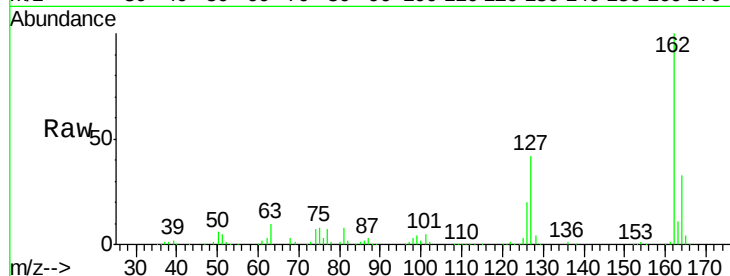




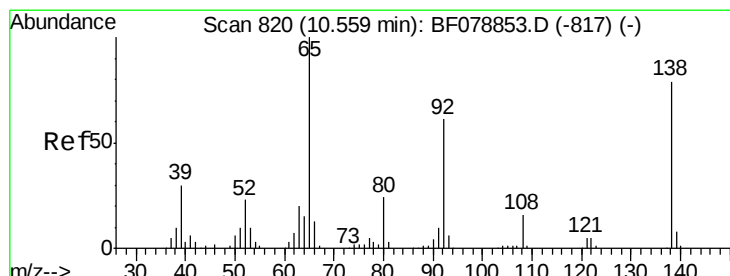
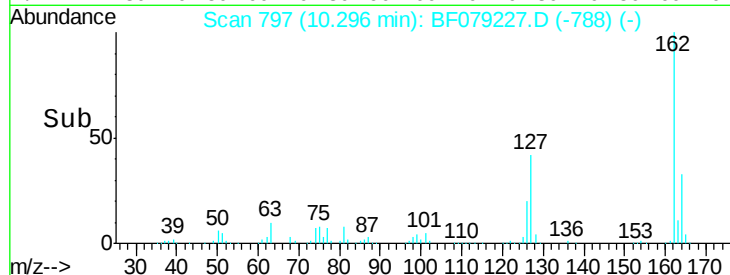
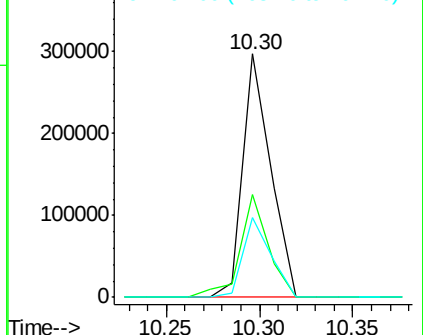
#46
 2-Chloronaphthalene
 Concen: 42.63 ng
 RT: 10.30 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion: 162 Resp: 307248
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 32.7 26.3 39.5

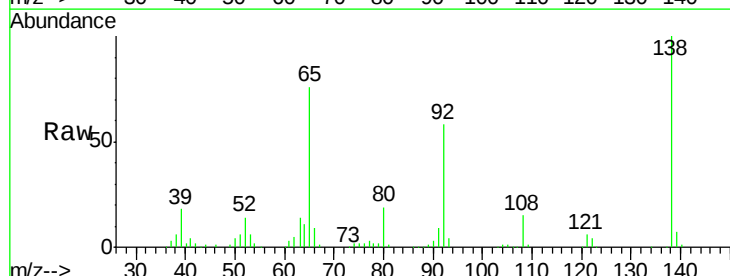


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

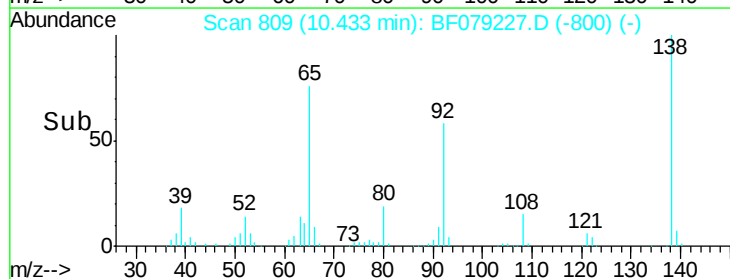
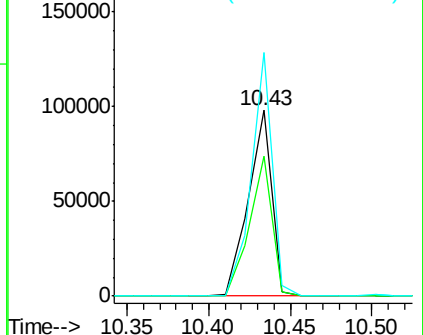


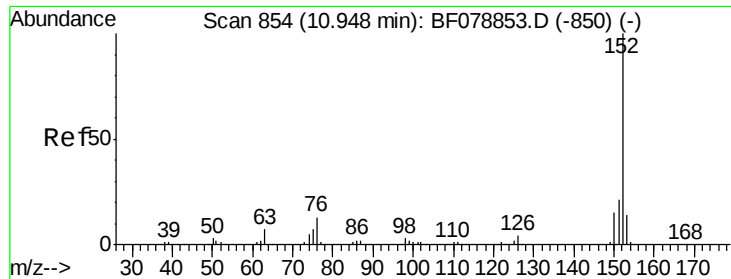
#47
 2-Nitroaniline
 Concen: 46.97 ng
 RT: 10.43 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion: 65 Resp: 98077
 Ion Ratio Lower Upper
 65 100
 92 75.4 54.0 81.0
 138 130.9 75.0 112.6#



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





#48

Acenaphthylene

Concen: 44.53 ng

RT: 10.81 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

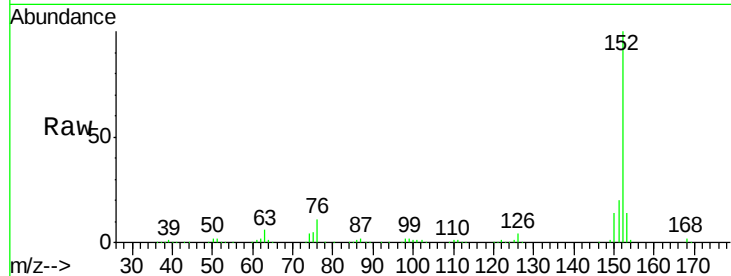
Tgt Ion:152 Resp: 526956

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

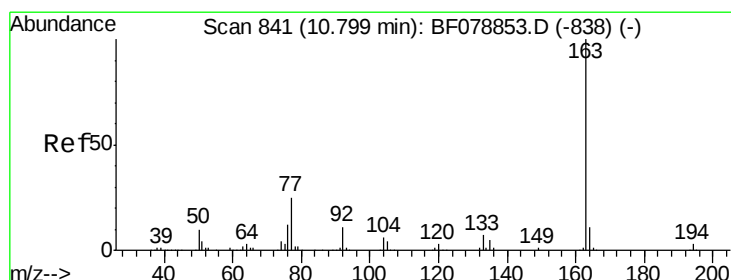
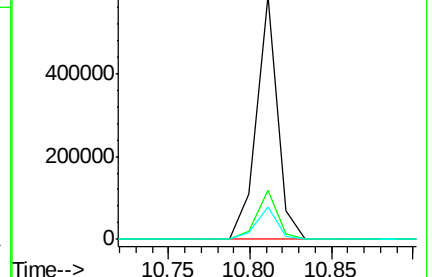
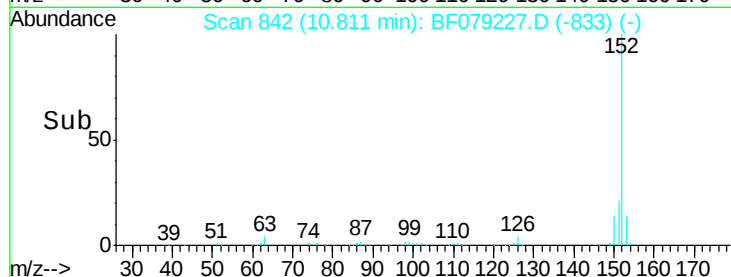
153 13.5 10.9 16.3



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: 44.63 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

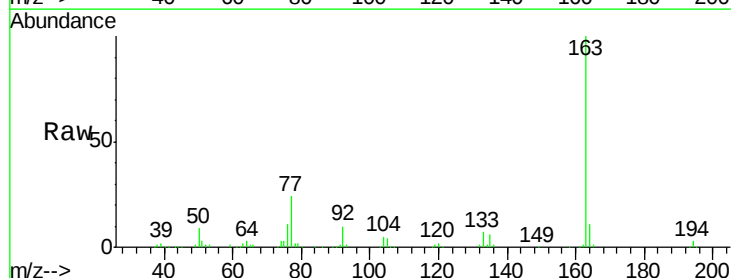
Tgt Ion:163 Resp: 380729

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

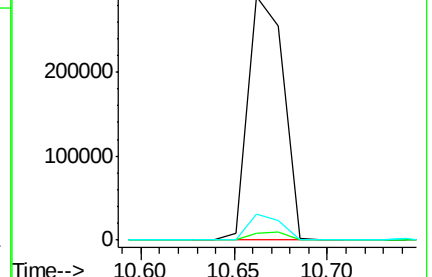
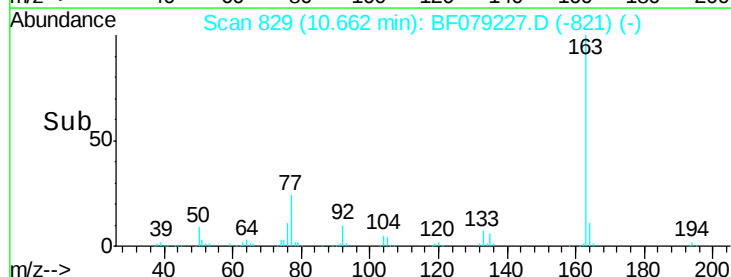
164 10.8 8.1 12.1

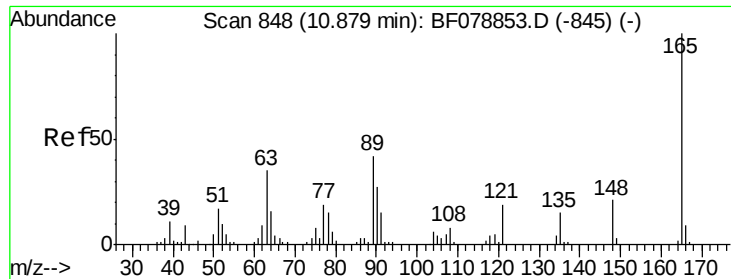


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

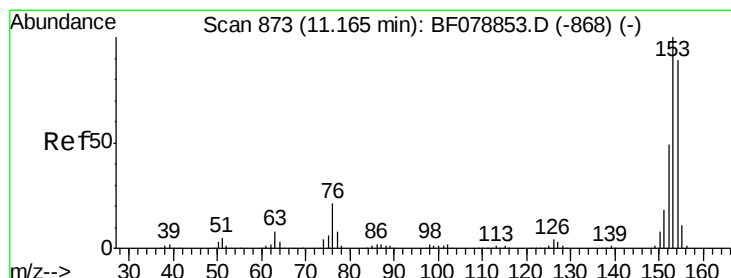
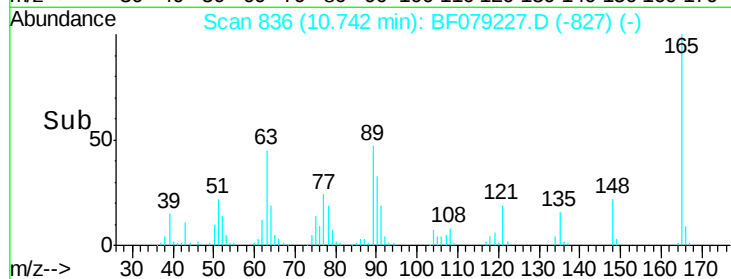
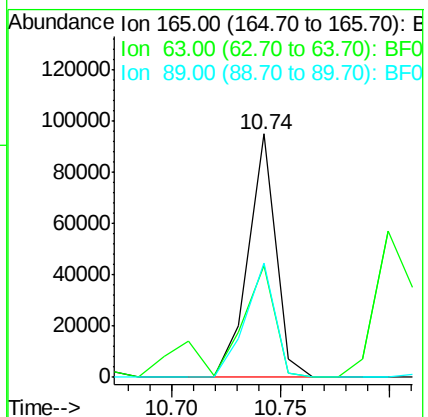
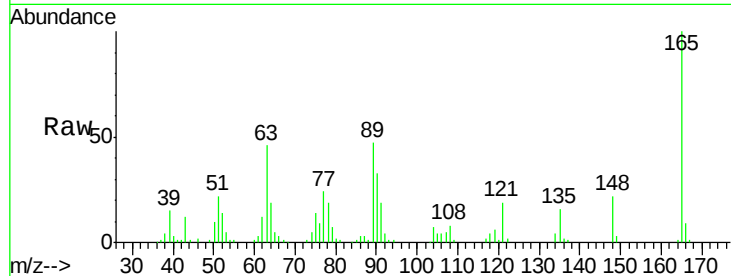




#50
 2,6-Dinitrotoluene
 Concen: 49.62 ng
 RT: 10.74 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

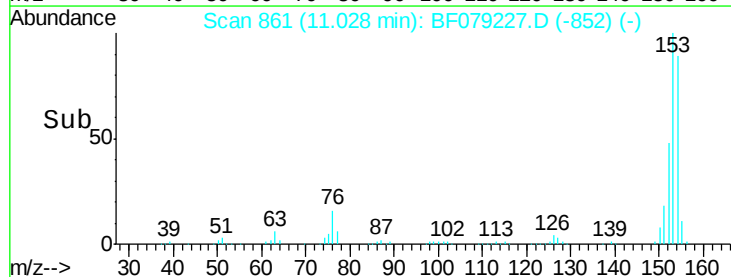
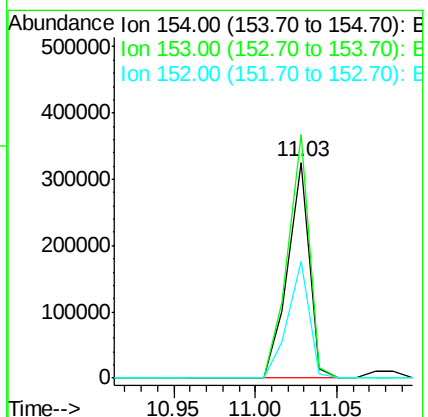
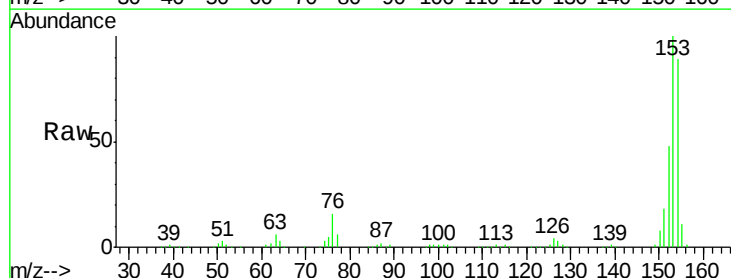
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

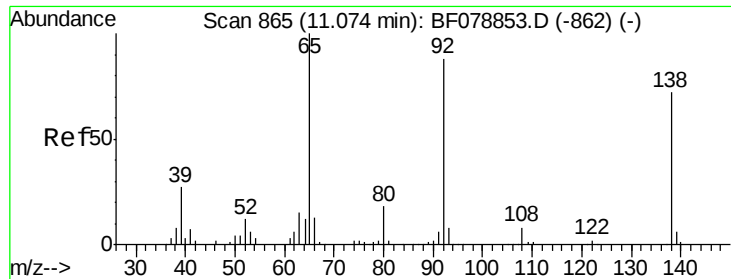
Tgt Ion:165 Resp: 83530
 Ion Ratio Lower Upper
 165 100
 63 45.7 54.4 81.6#
 89 47.1 55.7 83.5#



#51
 Acenaphthene
 Concen: 42.93 ng
 RT: 11.03 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:154 Resp: 302937
 Ion Ratio Lower Upper
 154 100
 153 112.9 91.5 137.3
 152 53.9 44.2 66.4

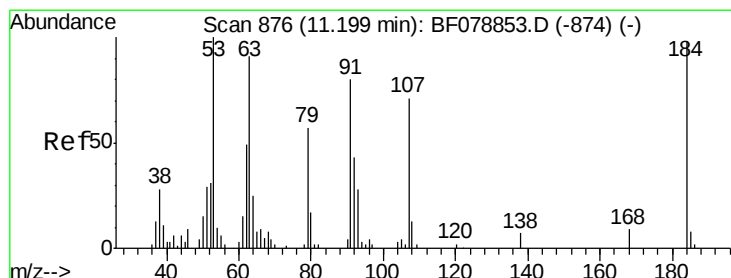
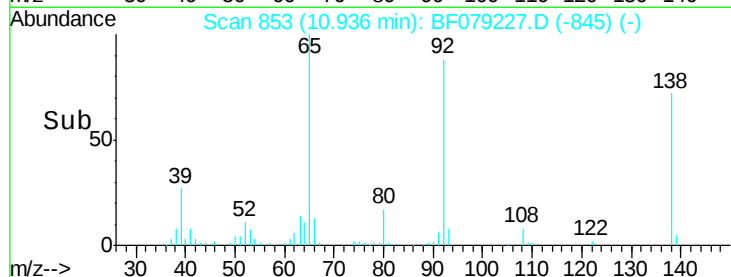
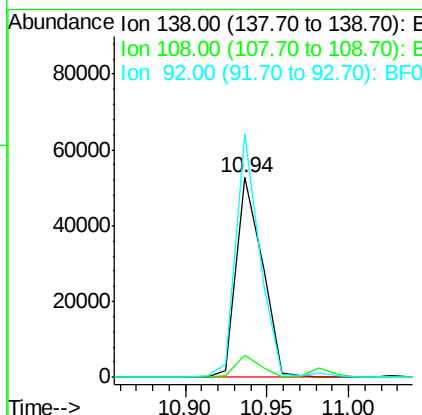
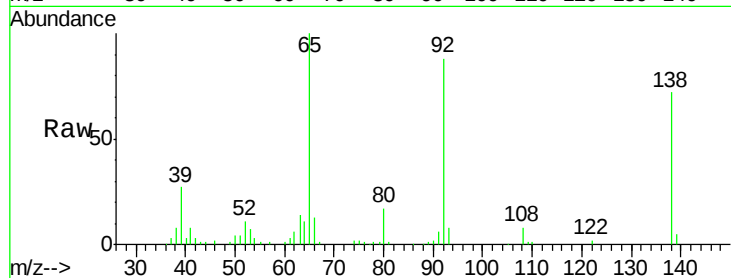




#52
 3-Nitroaniline
 Concen: 27.61 ng
 RT: 10.94 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

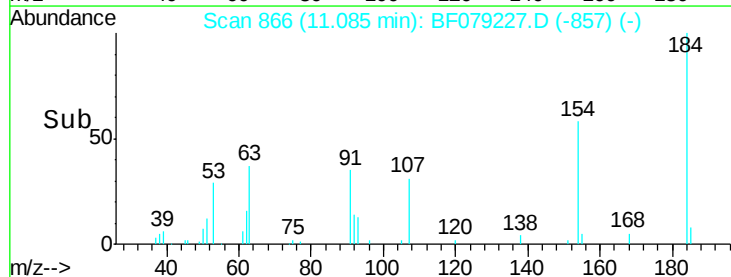
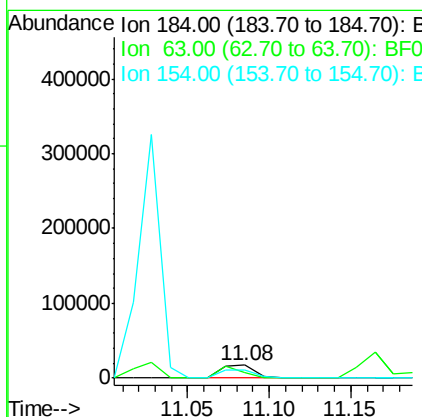
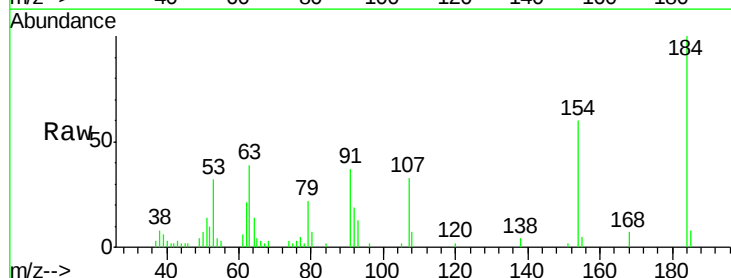
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

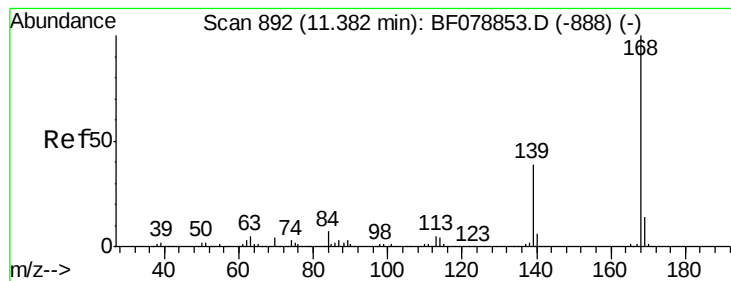
Tgt Ion:138 Resp: 58060
 Ion Ratio Lower Upper
 138 100
 108 11.3 10.6 16.0
 92 121.8 81.8 122.6



#53
 2,4-Dinitrophenol
 Concen: 48.67 ng
 RT: 11.08 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:184 Resp: 25275
 Ion Ratio Lower Upper
 184 100
 63 39.1 63.3 94.9#
 154 59.7 53.8 80.6





#54

Dibenzenofuran

Concen: 45.44 ng

RT: 11.24 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

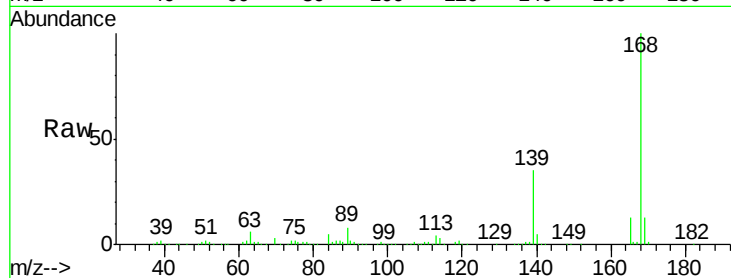
Tgt Ion:168 Resp: 463145

Ion Ratio Lower Upper

168 100

139 34.5 31.0 46.4

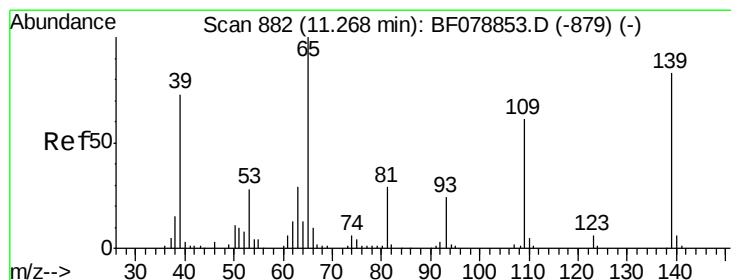
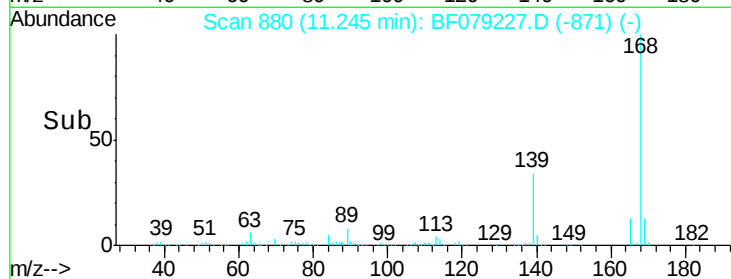
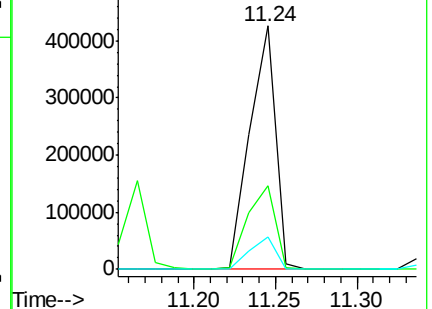
169 13.1 10.6 16.0



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: 88.34 ng

RT: 11.16 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

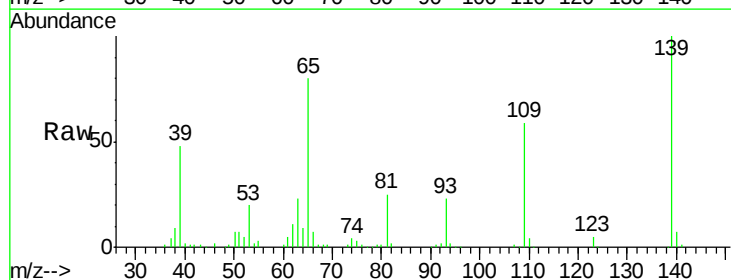
Tgt Ion:139 Resp: 147030

Ion Ratio Lower Upper

139 100

109 59.3 47.6 87.6

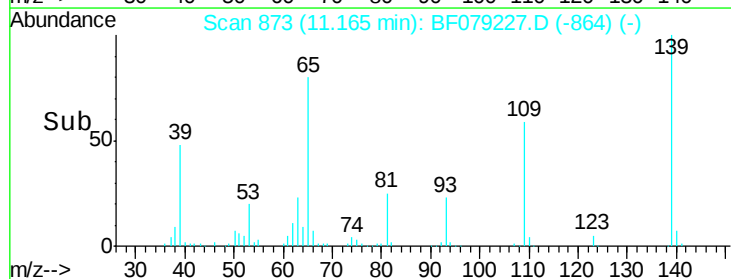
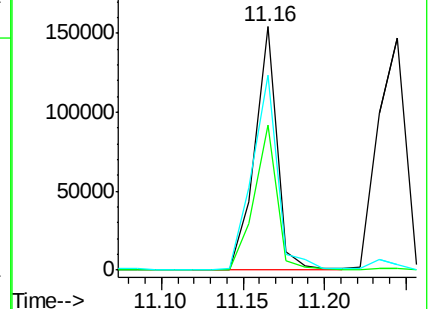
65 80.2 54.3 94.3

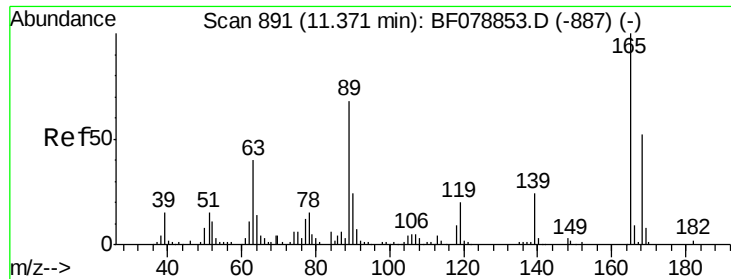


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

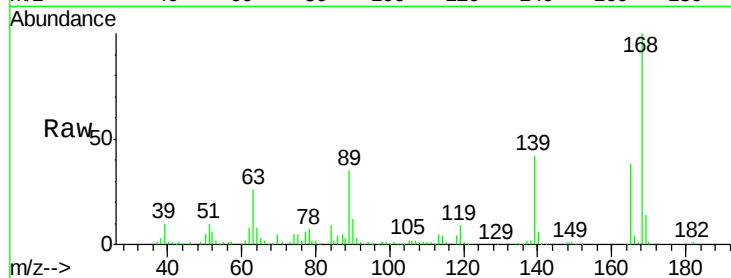




#56
2,4-Dinitrotoluene
Concen: 46.85 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.3	51.2	76.8
89	91.0	82.7	124.1
182	2.1	1.4	2.2

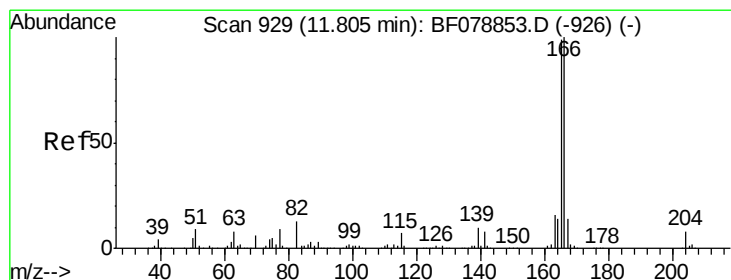
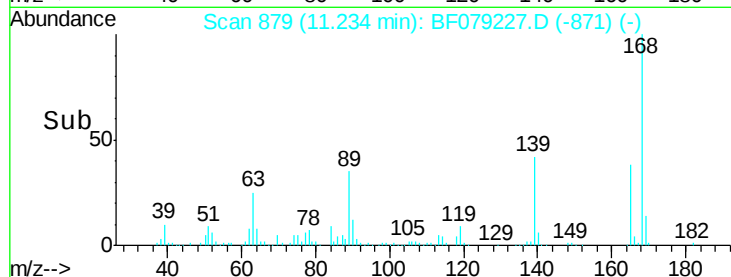
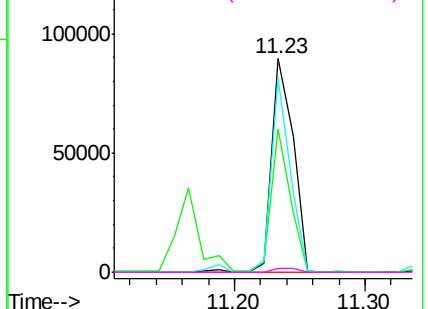


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

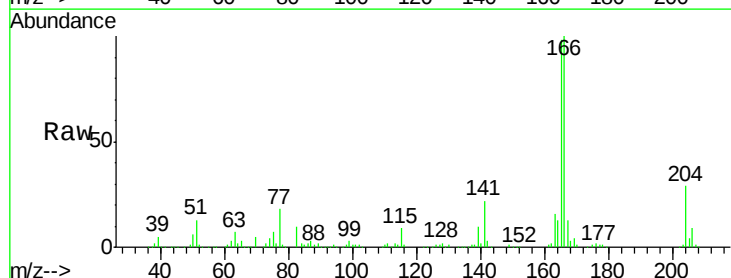
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 44.95 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

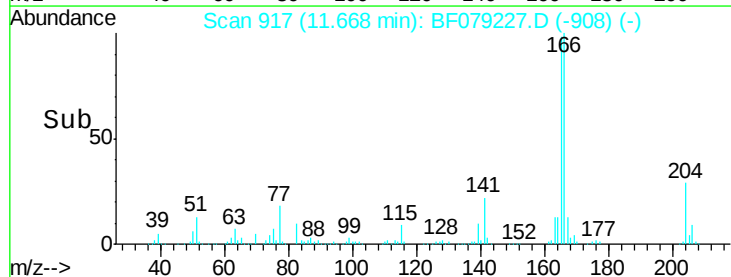
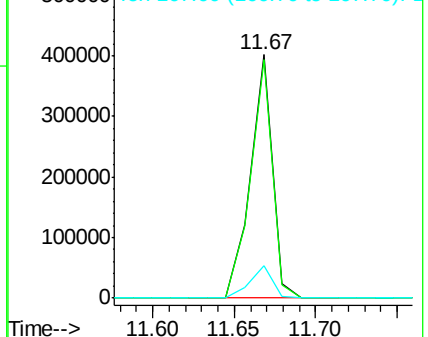
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	13.4	11.0	16.6

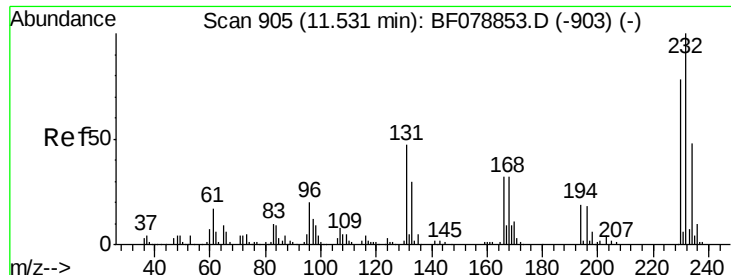


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

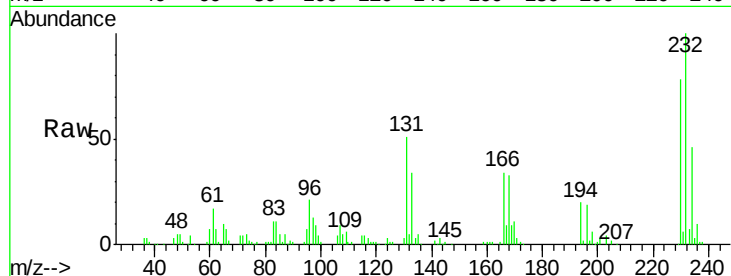




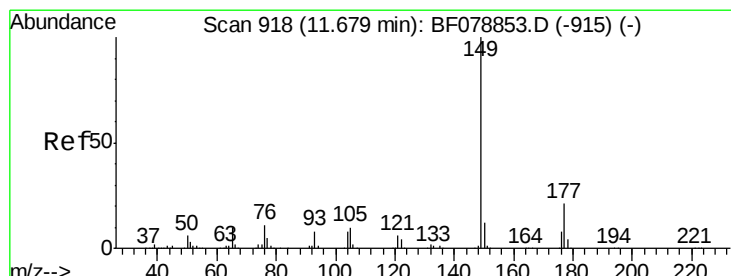
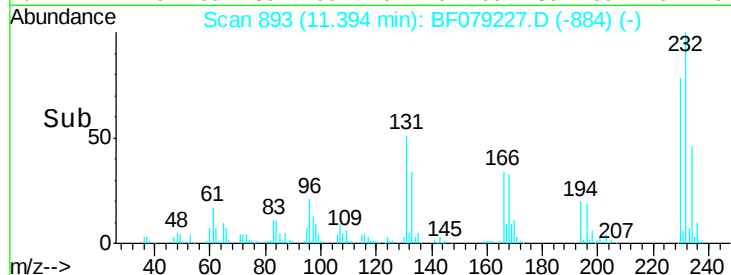
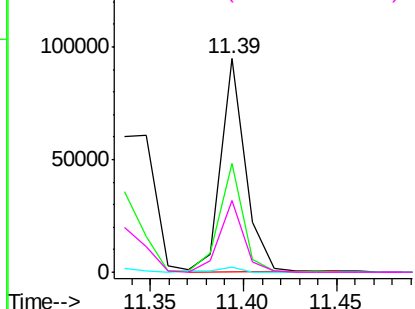
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.62 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion: 232 Resp: 86677
 Ion Ratio Lower Upper
 232 100
 131 50.4 0.0 0.0#
 130 2.5 0.0 0.0#
 166 33.2 0.0 0.0#

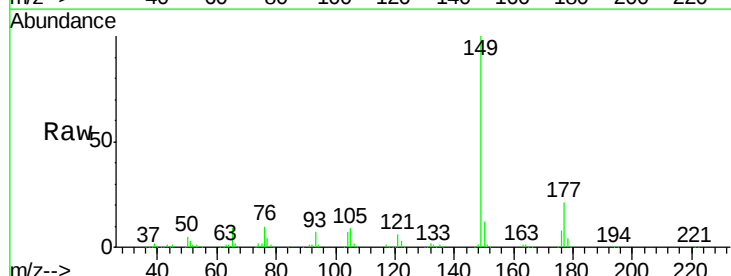


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

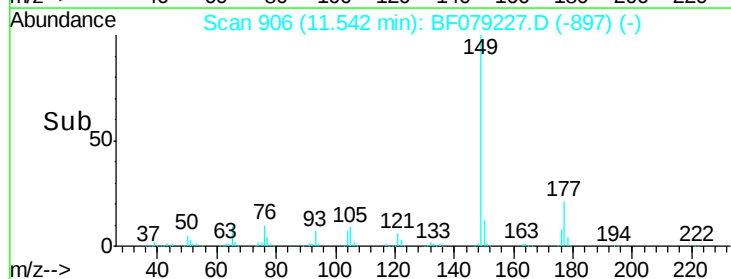
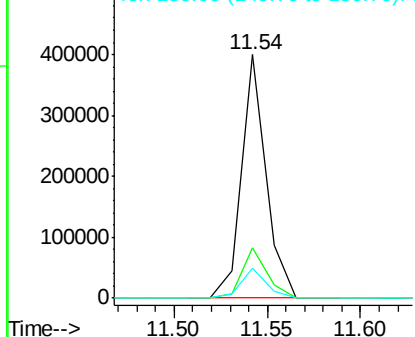


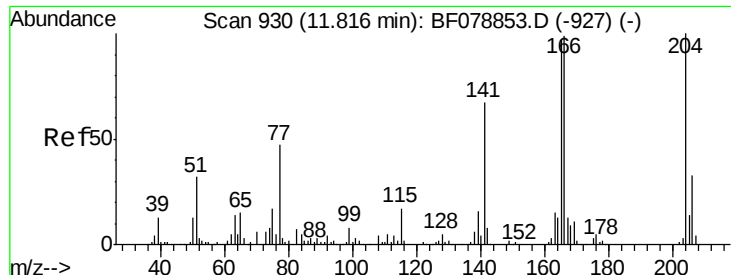
#59
 Diethylphthalate
 Concen: 43.27 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion: 149 Resp: 365648
 Ion Ratio Lower Upper
 149 100
 177 20.8 17.5 26.3
 150 12.3 9.6 14.4



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

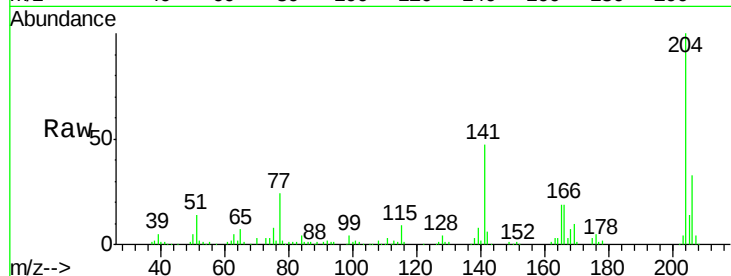




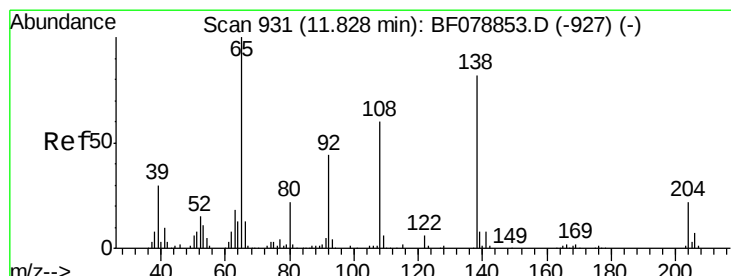
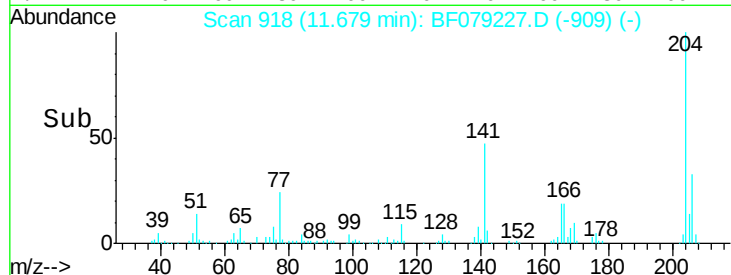
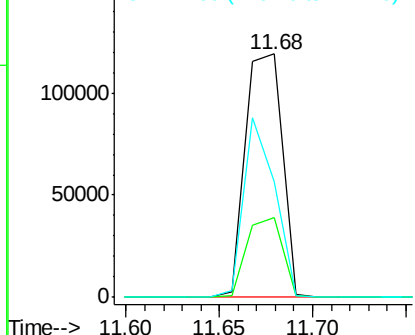
#60
 4-Chlorophenyl-phenylether
 Concen: 44.08 ng
 RT: 11.68 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion:204 Resp: 163607
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.9 40.3
 141 47.3 48.3 72.5#

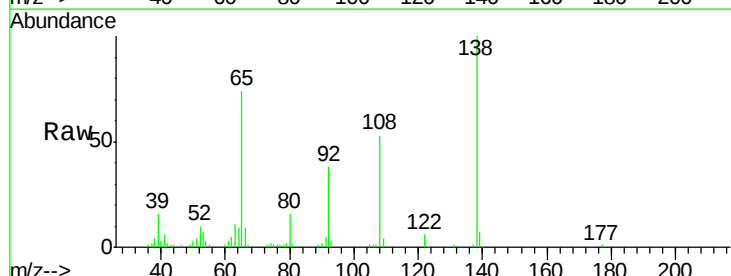


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

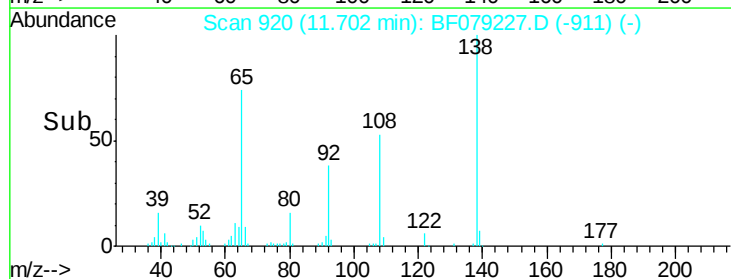
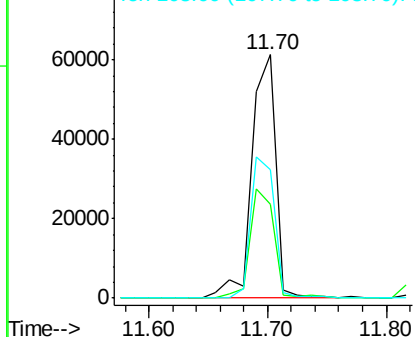


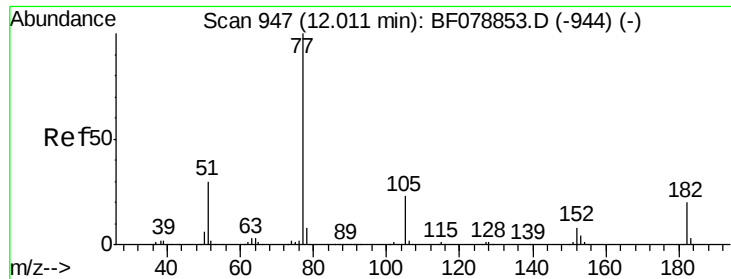
#61
 4-Nitroaniline
 Concen: 41.09 ng
 RT: 11.70 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:138 Resp: 86437
 Ion Ratio Lower Upper
 138 100
 92 38.4 28.0 68.0
 108 52.9 56.3 96.3#



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

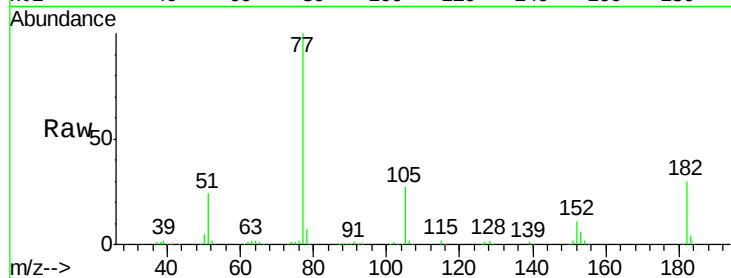




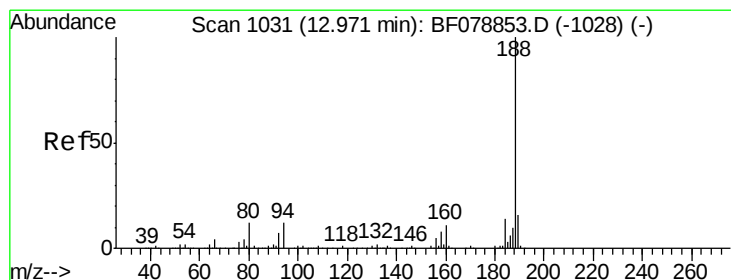
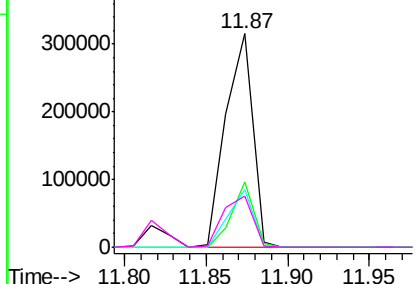
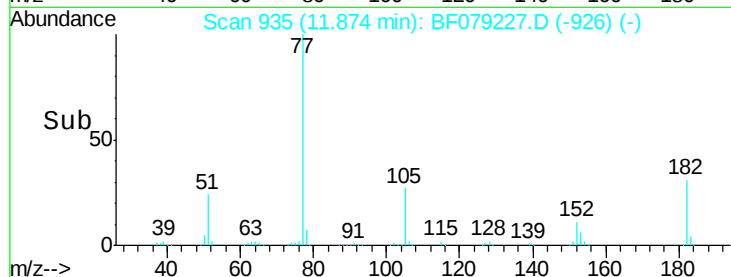
#62
Azobenzene
Concen: 43.33 ng
RT: 11.87 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion: 77 Resp: 360842
Ion Ratio Lower Upper
77 100
182 30.5 3.8 43.8
105 26.7 3.9 43.9
51 24.2 10.8 50.8

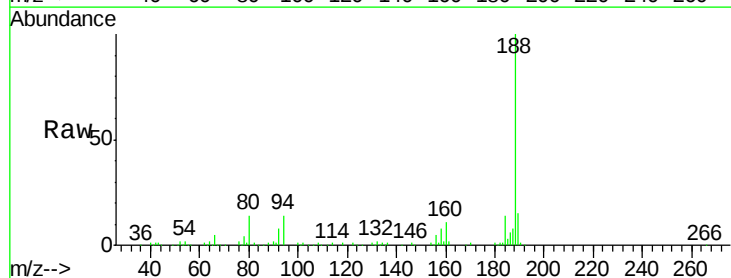


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

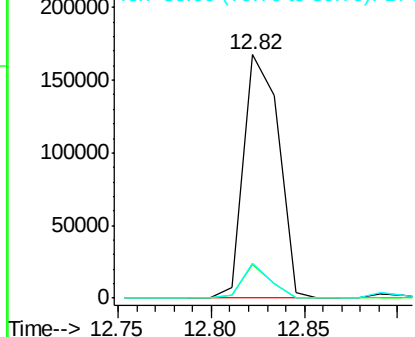
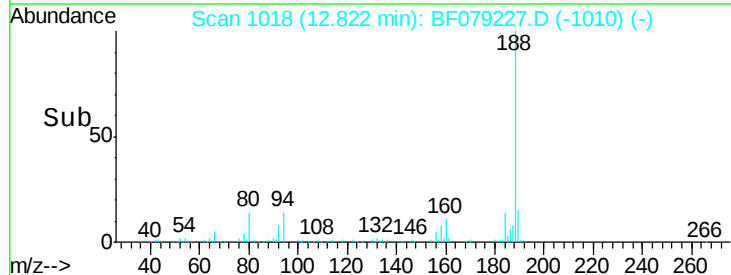


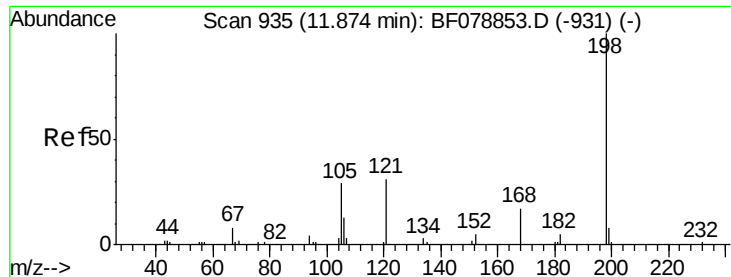
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion: 188 Resp: 218683
Ion Ratio Lower Upper
188 100
94 14.1 8.2 12.2#
80 14.2 8.9 13.3#



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

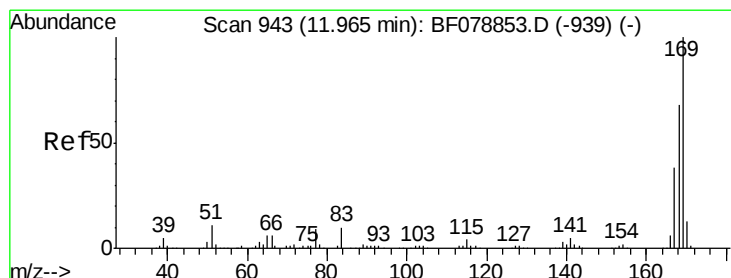
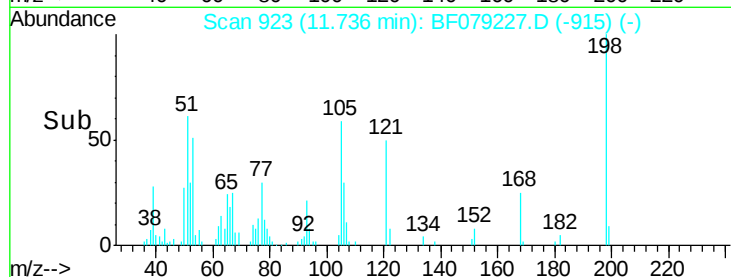
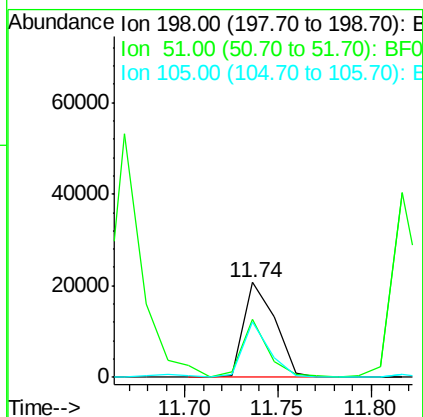
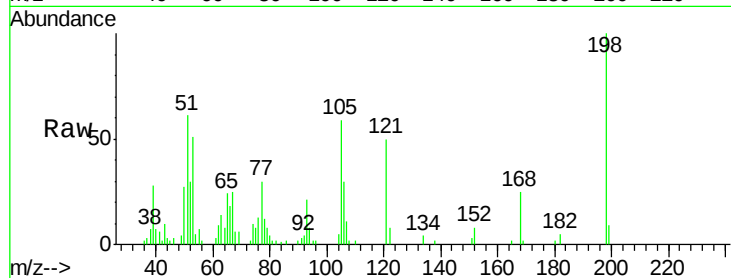




#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.98 ng
 RT: 11.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

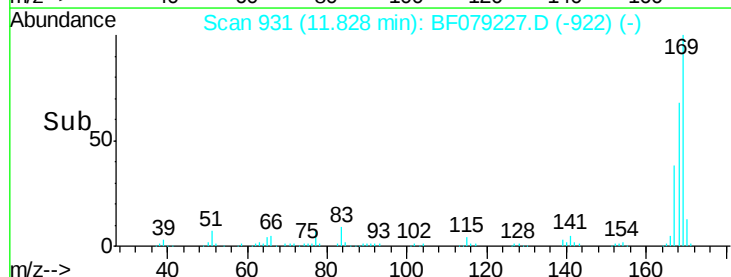
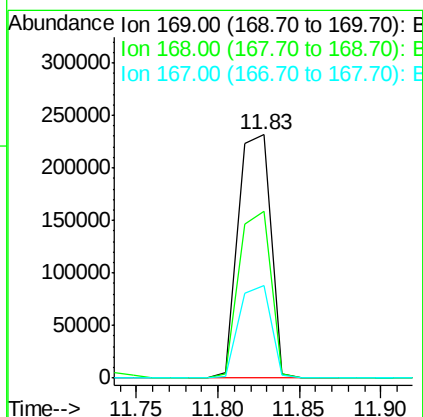
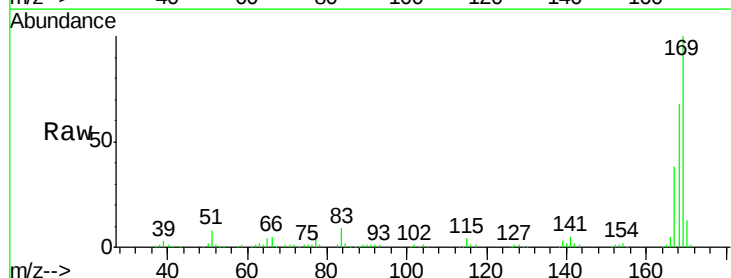
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

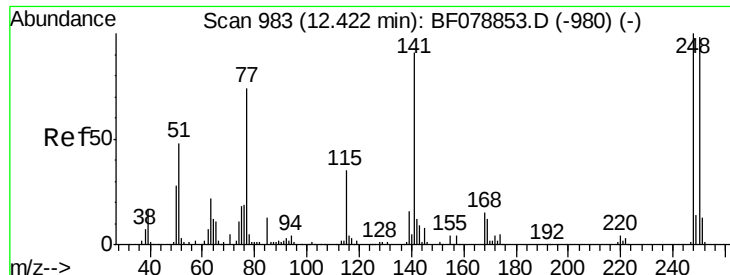
Tgt Ion:198 Resp: 24094
 Ion Ratio Lower Upper
 198 100
 51 61.5 47.3 87.3
 105 59.0 38.8 78.8



#65
 n-Nitrosodiphenylamine
 Concen: 43.71 ng
 RT: 11.83 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:169 Resp: 318350
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.6 82.0
 167 38.1 30.6 45.8

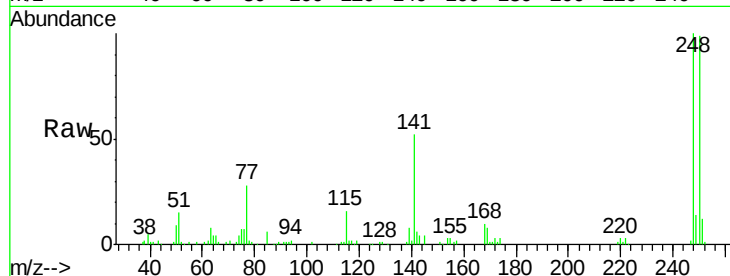




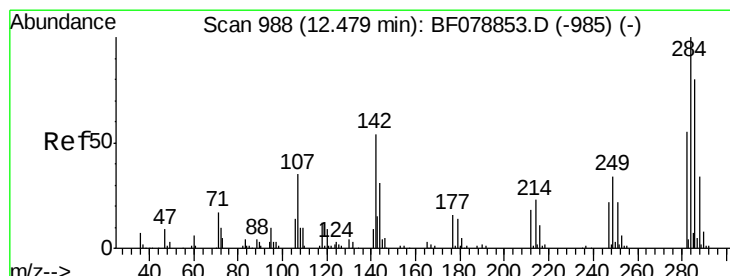
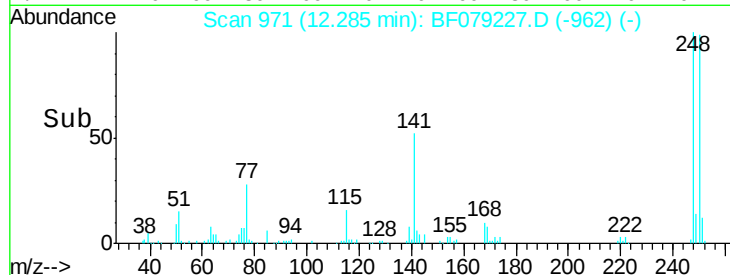
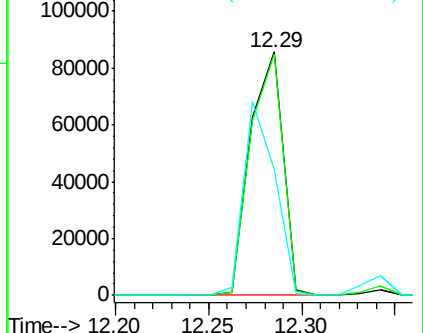
#66
 4-Bromophenyl-phenylether
 Concen: 45.72 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

Tgt Ion:248 Resp: 104204
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.1 115.7
 141 51.6 58.8 88.2#

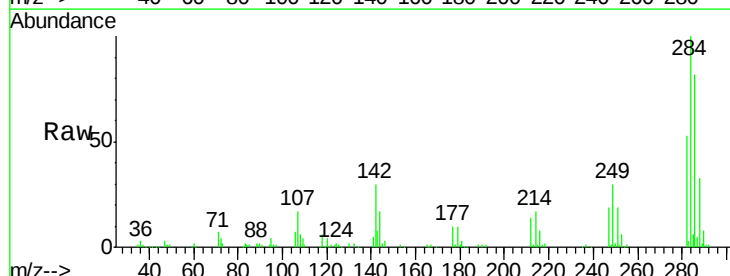


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

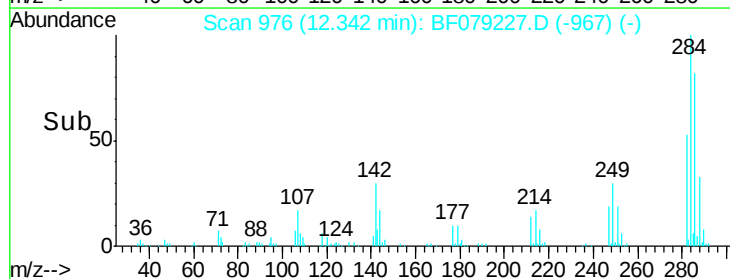
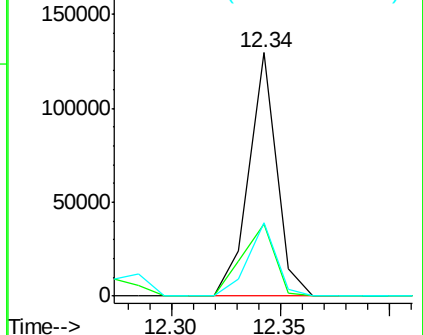


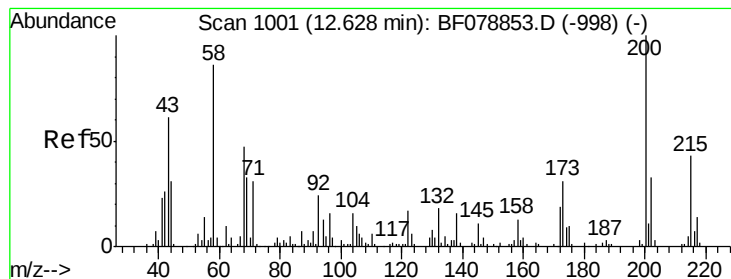
#67
 Hexachlorobenzene
 Concen: 44.25 ng
 RT: 12.34 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion:284 Resp: 115273
 Ion Ratio Lower Upper
 284 100
 142 29.8 35.2 52.8#
 249 30.2 25.4 38.2



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





#68

Atrazine

Concen: 47.11 ng

RT: 12.50 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

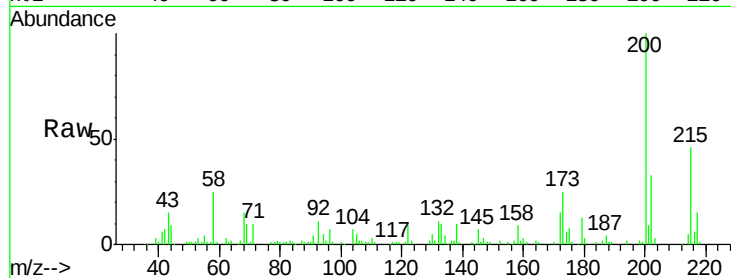
Tgt Ion:200 Resp: 99768

Ion Ratio Lower Upper

200 100

173 24.7 8.1 48.1

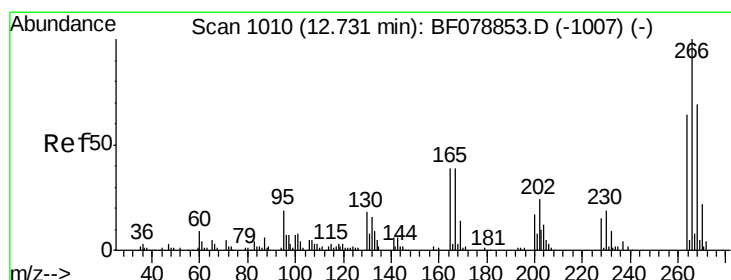
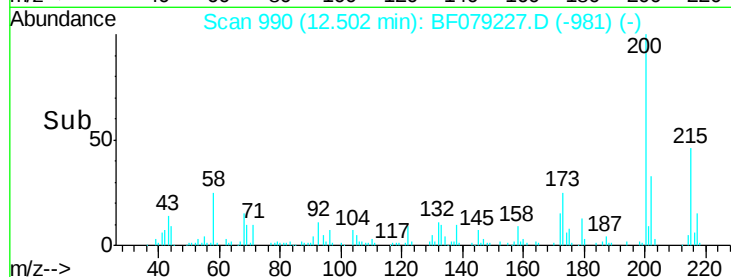
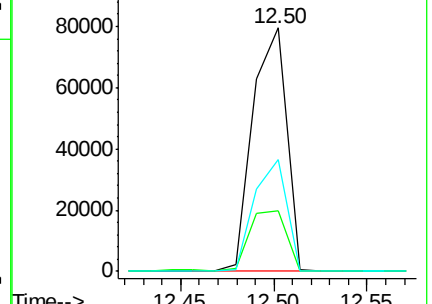
215 46.2 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 81.27 ng

RT: 12.59 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

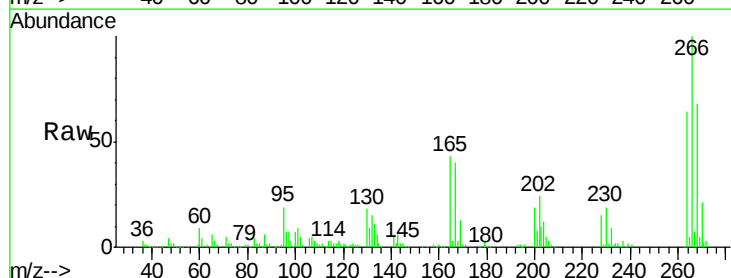
Tgt Ion:266 Resp: 124064

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

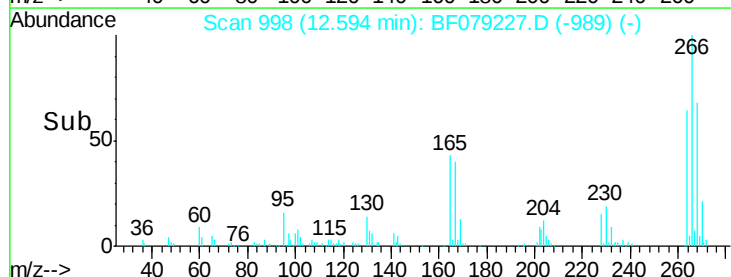
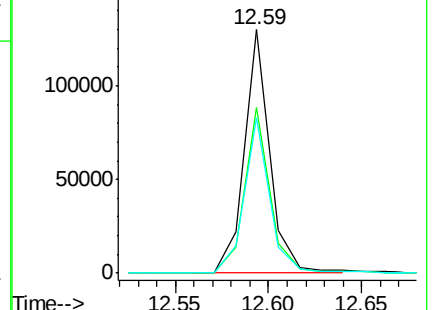
264 63.7 48.2 72.2

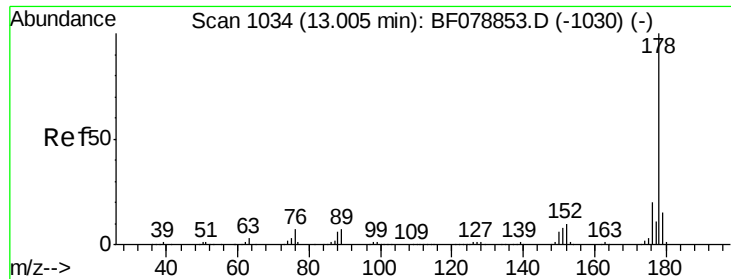


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

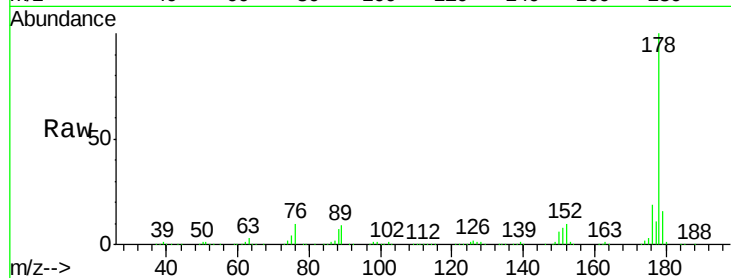




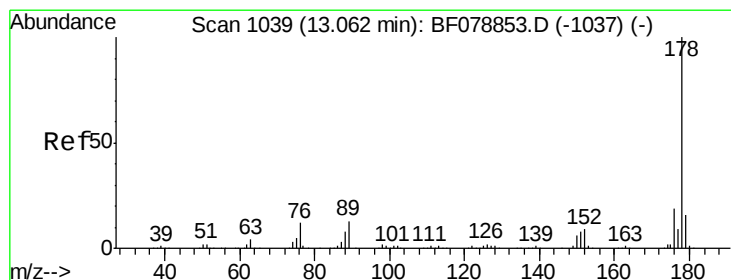
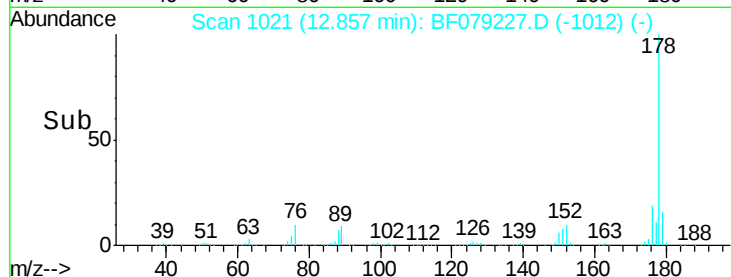
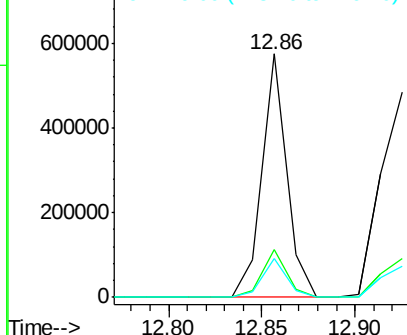
#70
Phenanthrene
Concen: 42.98 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

Tgt Ion:178 Resp: 525865
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.9 12.5 18.7

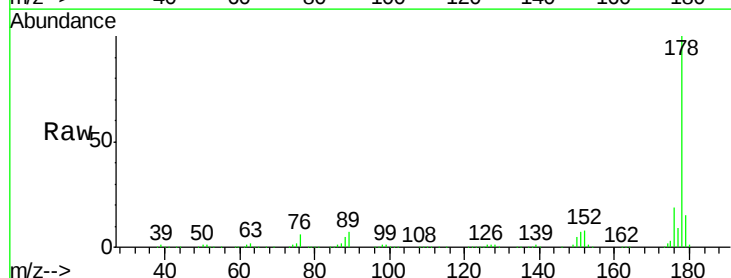


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

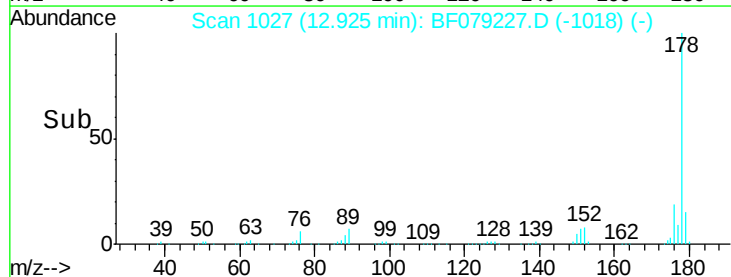
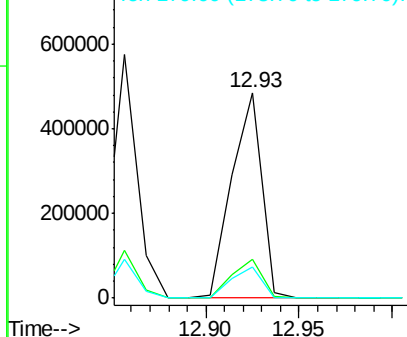


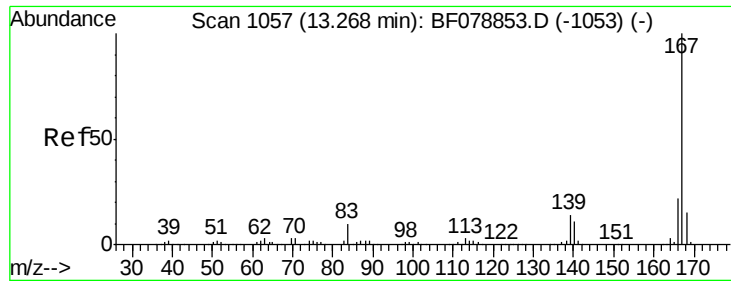
#71
Anthracene
Concen: 45.49 ng
RT: 12.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion:178 Resp: 545940
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.2 12.7 19.1



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





#72

Carbazole

Concen: 47.50 ng

RT: 13.13 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

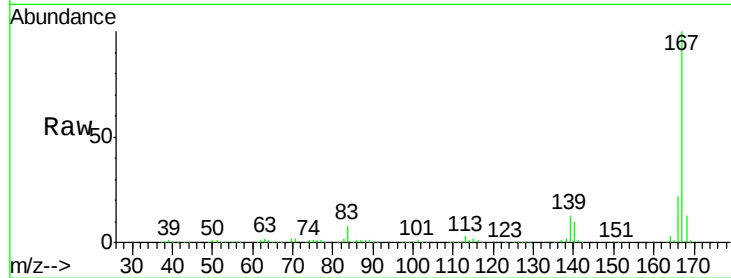
Tgt Ion:167 Resp: 543414

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

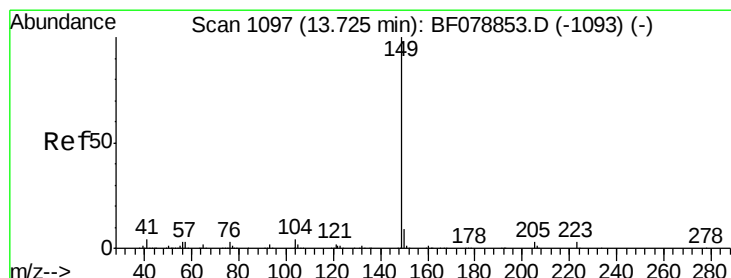
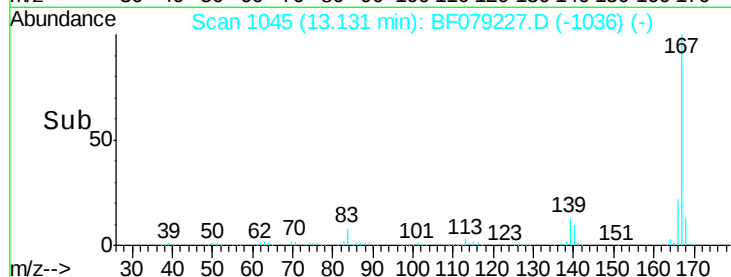
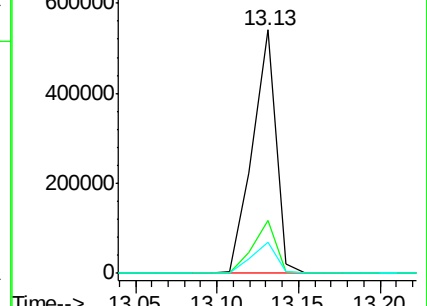
139 12.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.00 ng

RT: 13.58 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

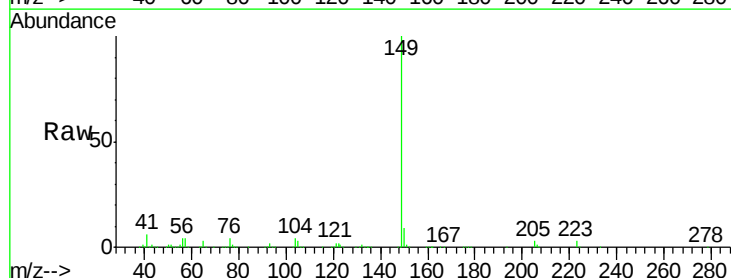
Tgt Ion:149 Resp: 644806

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

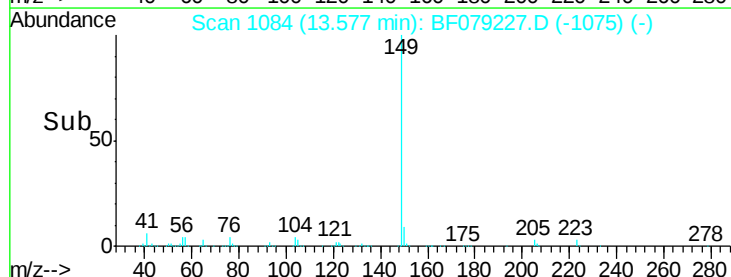
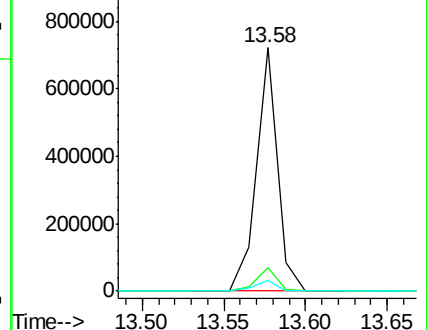
104 4.2 4.6 7.0#

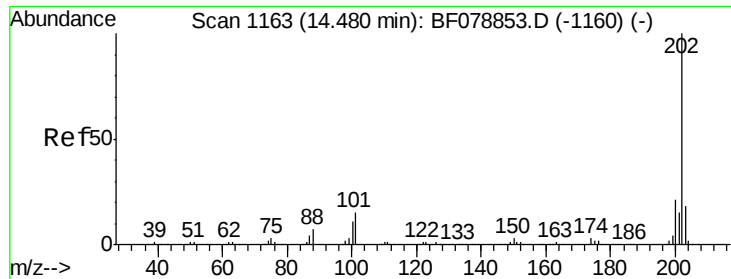


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

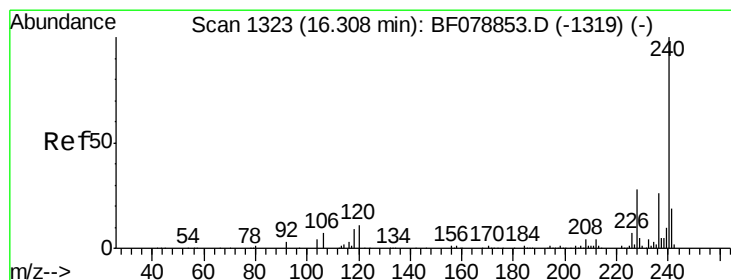
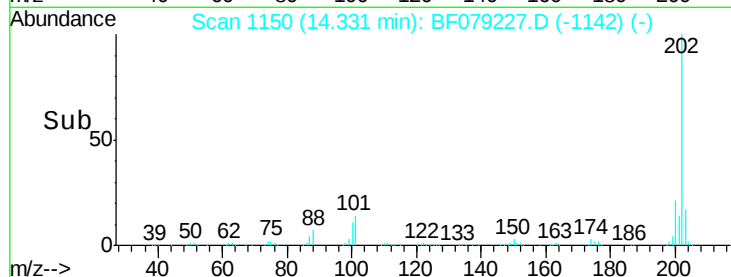
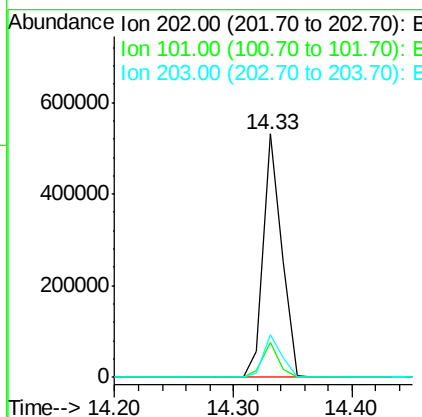
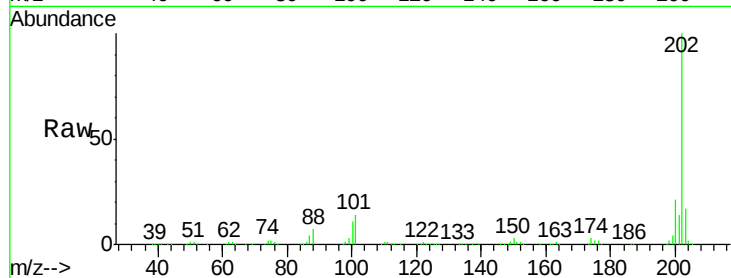




#74
 Fluoranthene
 Concen: 45.65 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

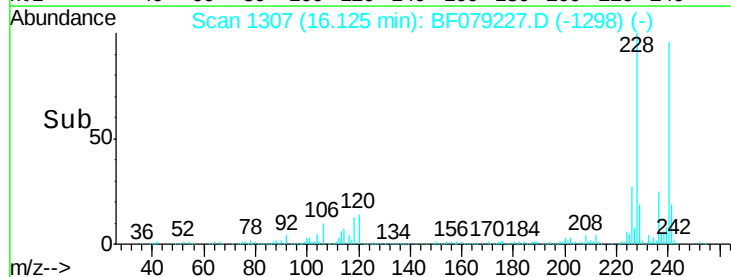
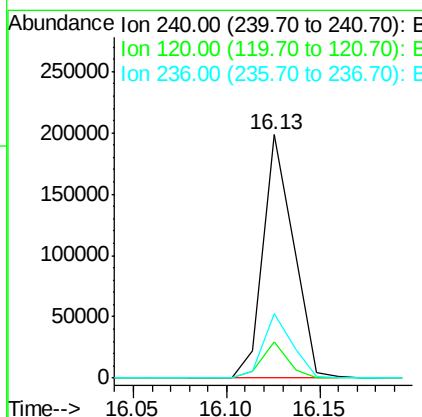
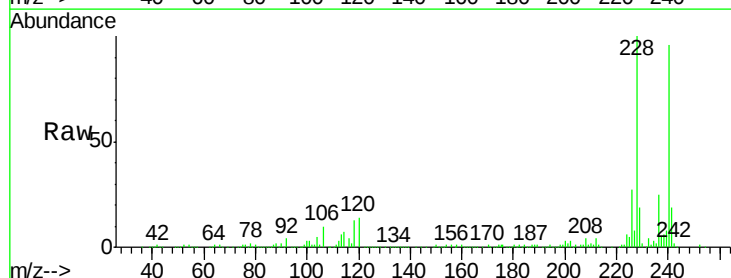
Instrument :
 BNA_F
 ClientSampleId :
 PS-31(0-10)MSD

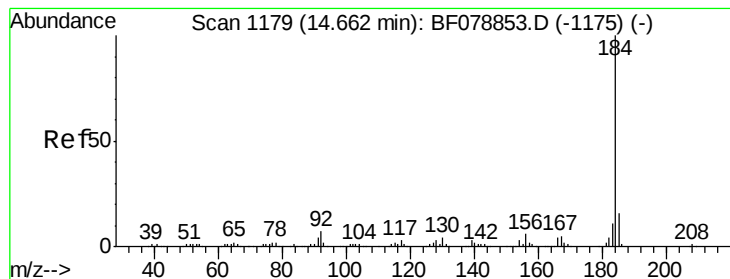
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	17.5	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF079227.D
 Acq: 14 May 2015 8:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.7	14.5#
236	26.4	20.2	30.4





#76

Benzidine

Concen: 25.88 ng

RT: 14.51 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

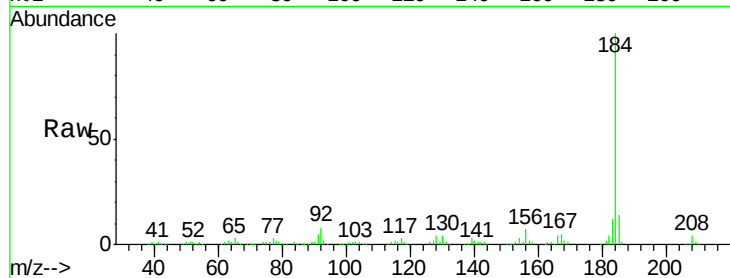
Tgt Ion:184 Resp: 156373

Ion Ratio Lower Upper

184 100

185 13.6 12.3 18.5

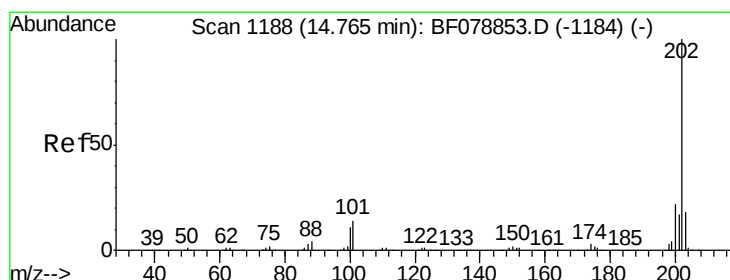
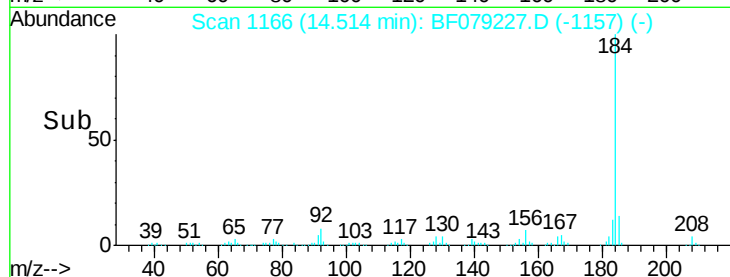
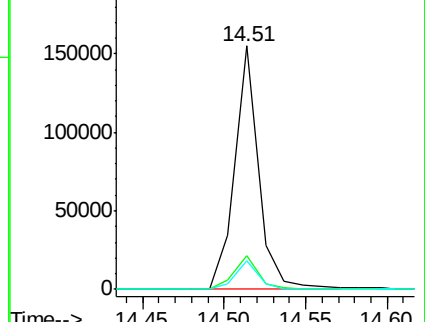
183 11.6 8.4 12.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 47.86 ng

RT: 14.62 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

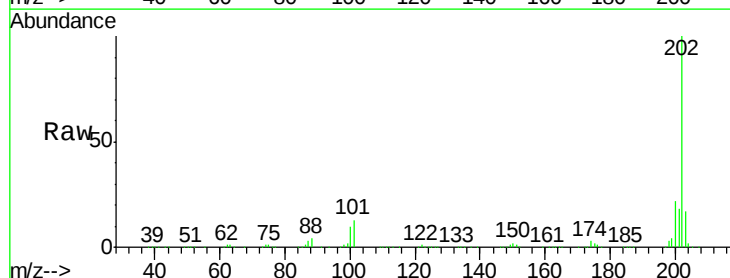
Tgt Ion:202 Resp: 618297

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

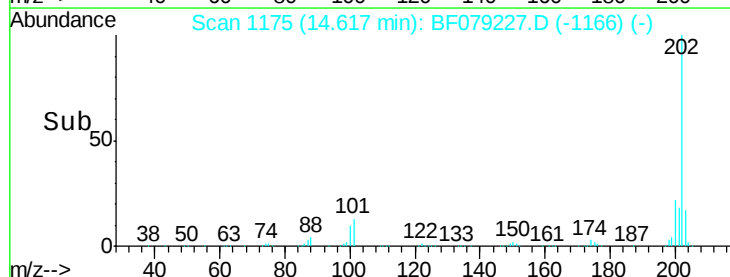
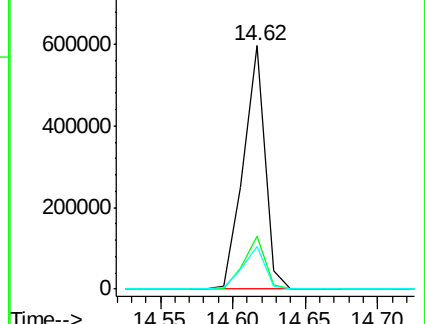
203 17.3 13.9 20.9

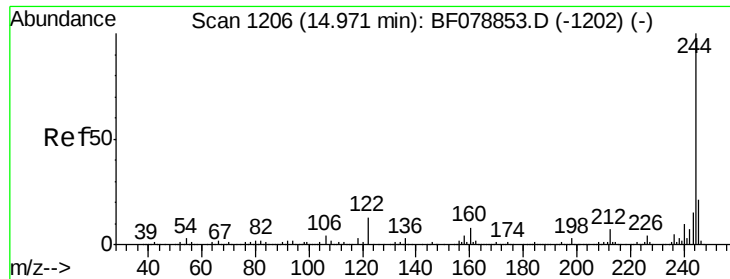


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.05 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

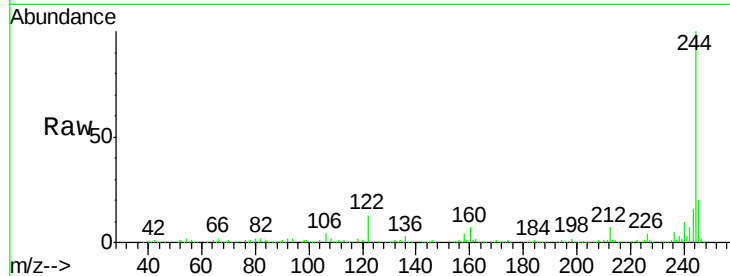
Tgt Ion:244 Resp: 759065

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

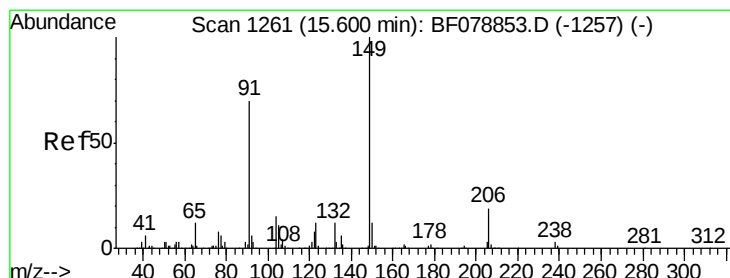
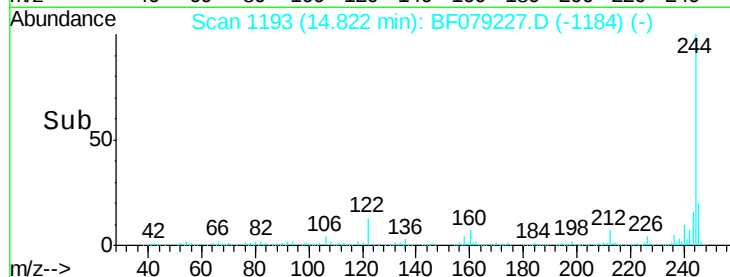
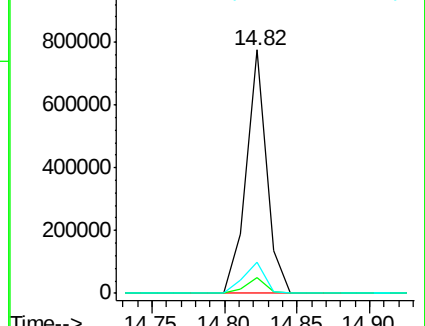
122 12.8 10.3 15.5



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: 49.24 ng

RT: 15.44 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

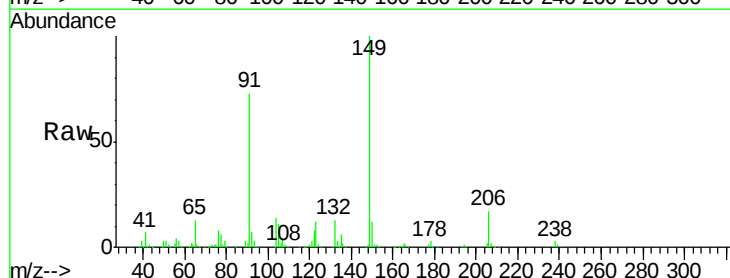
Tgt Ion:149 Resp: 278102

Ion Ratio Lower Upper

149 100

91 73.4 64.6 97.0

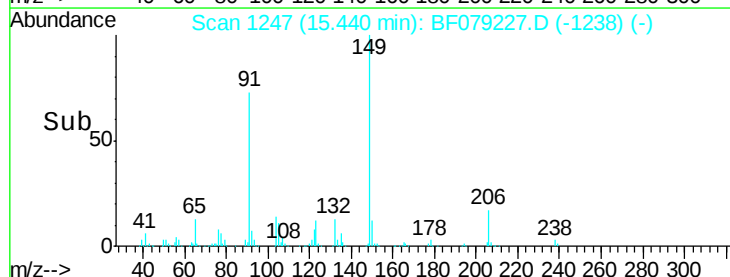
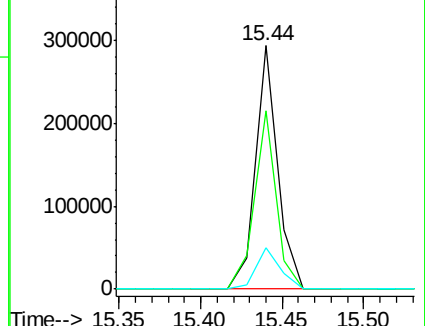
206 17.2 12.2 18.4

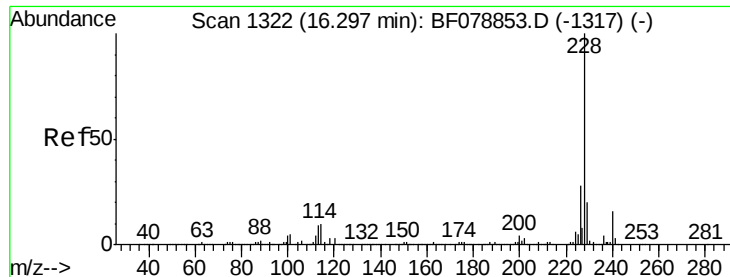


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.08 ng

RT: 16.11 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

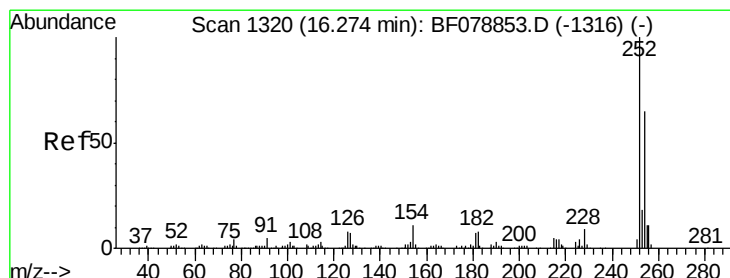
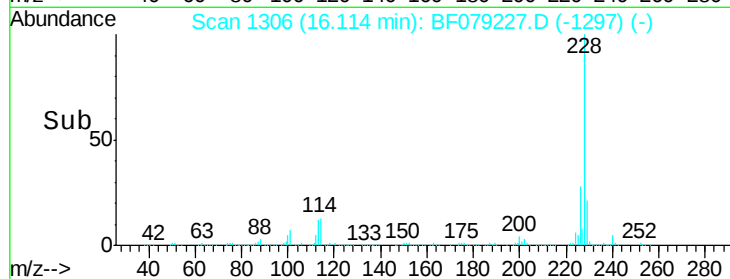
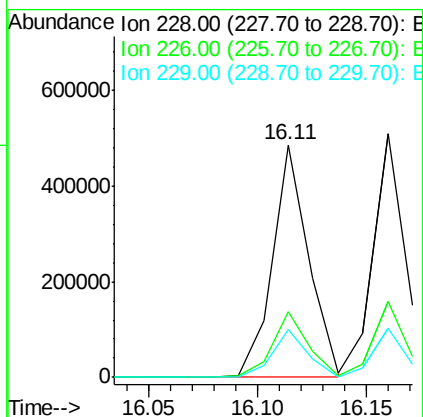
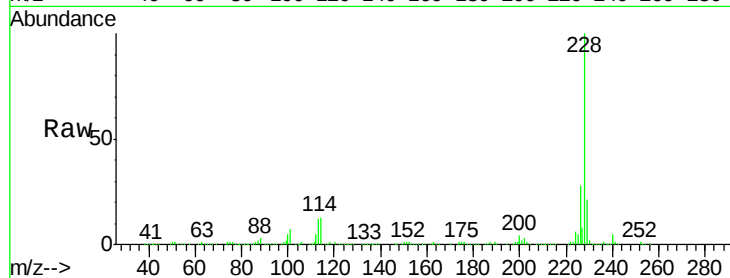
Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

Tgt Ion:	228	Resp:	565815
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.6	15.9	23.9



#81

3,3'-Dichlorobenzidine

Concen: 42.25 ng

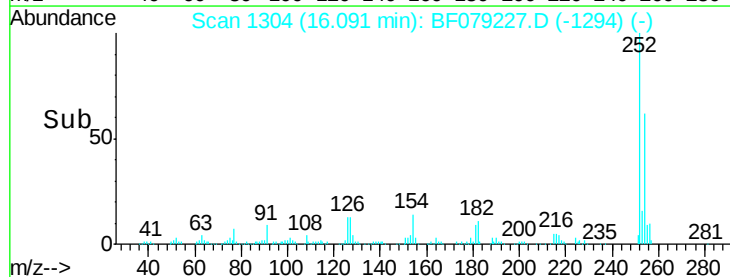
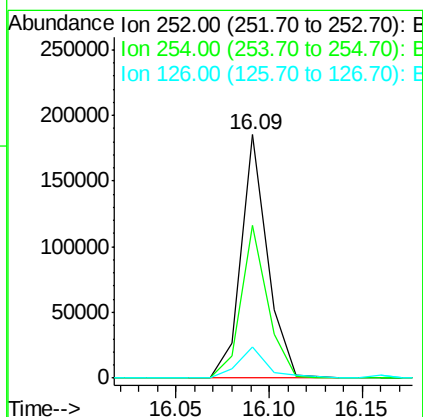
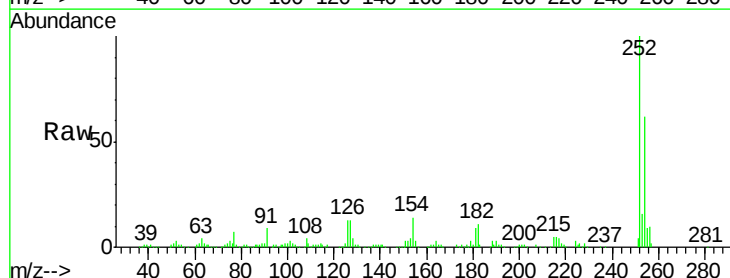
RT: 16.09 min Scan# 1304

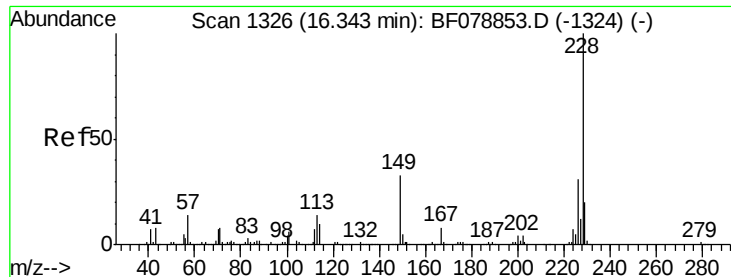
Delta R.T. 0.01 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Tgt Ion:	252	Resp:	184769
Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.3	76.9
126	12.6	6.6	10.0#





#82

Chrysene

Concen: 43.92 ng

RT: 16.16 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

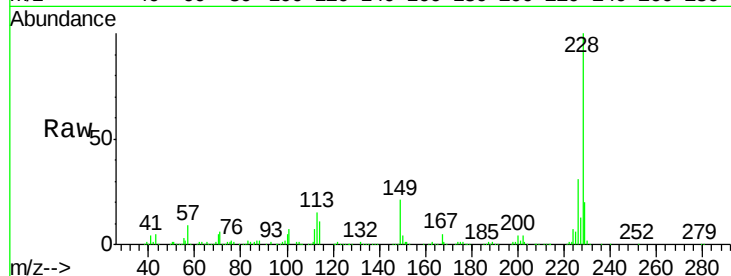
Tgt Ion:228 Resp: 518689

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

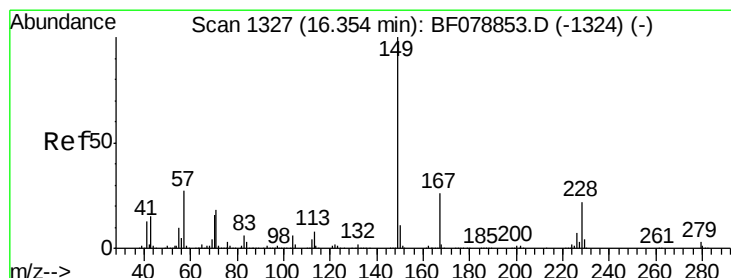
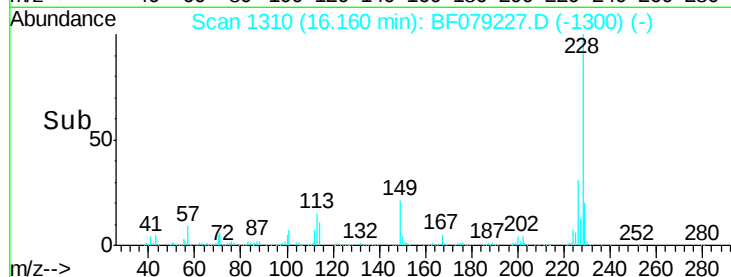
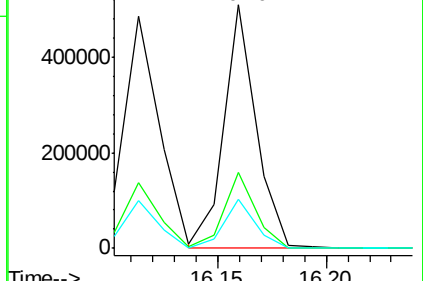
229 20.1 16.0 24.0



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: 48.10 ng

RT: 16.17 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

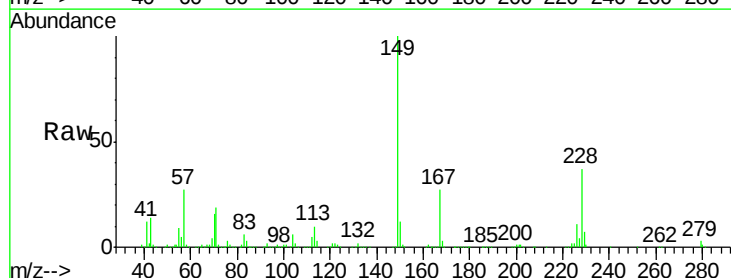
Tgt Ion:149 Resp: 411451

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

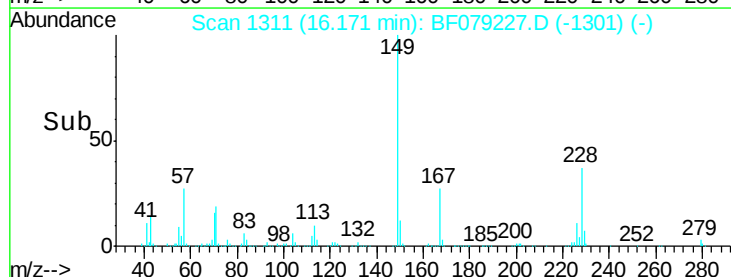
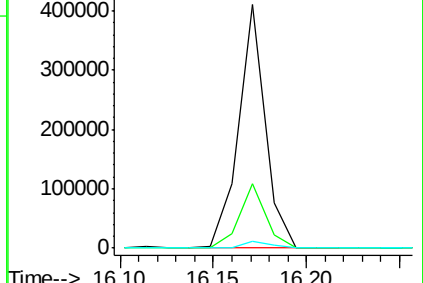
279 3.0 2.9 4.3

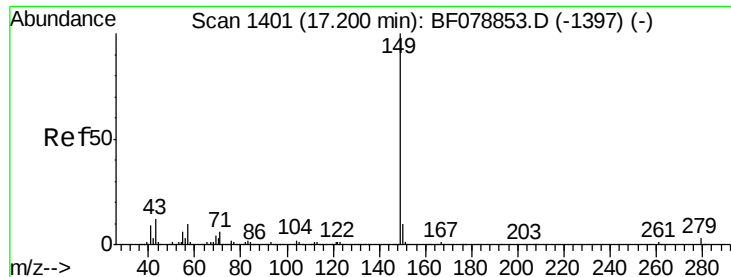


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.73 ng

RT: 16.98 min Scan# 1382

Delta R.T. 0.03 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

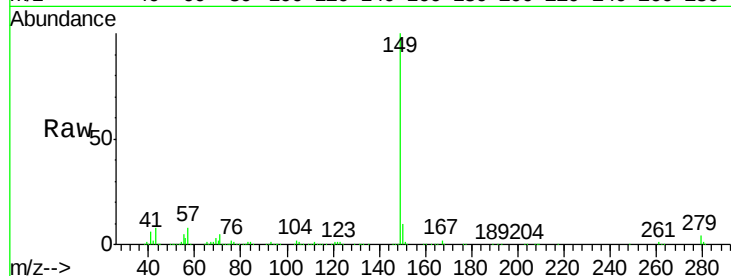
Tgt Ion:149 Resp: 734228

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

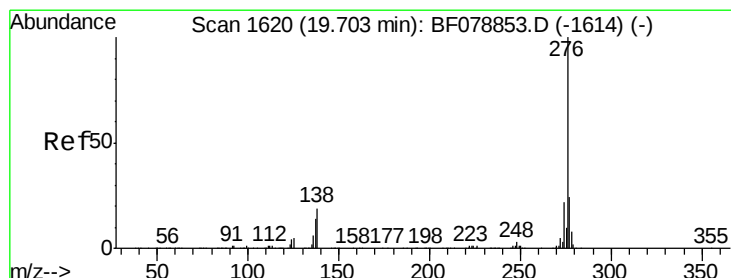
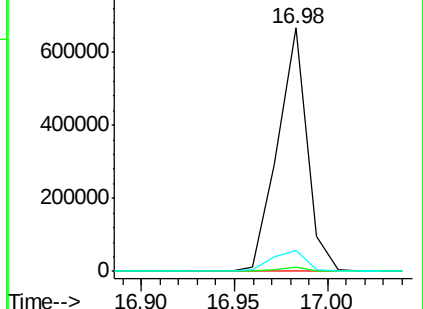
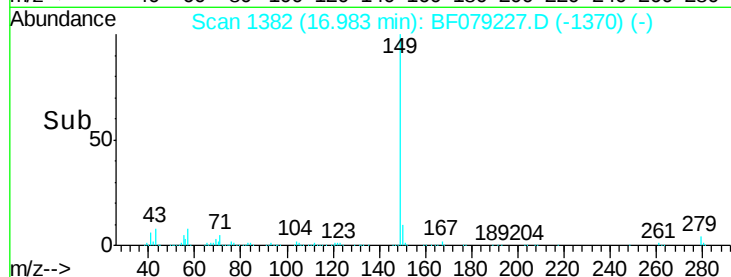
43 9.4 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.66 ng

RT: 19.34 min Scan# 1588

Delta R.T. 0.05 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

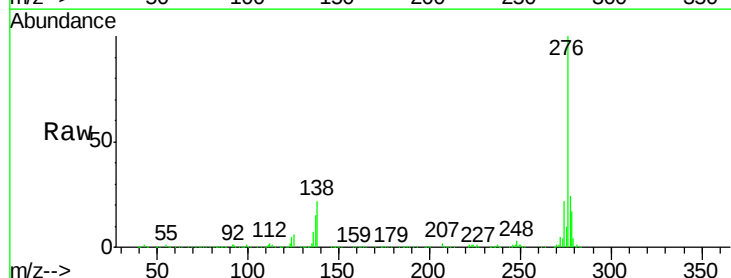
Tgt Ion:276 Resp: 672029

Ion Ratio Lower Upper

276 100

138 29.0 0.0 0.0#

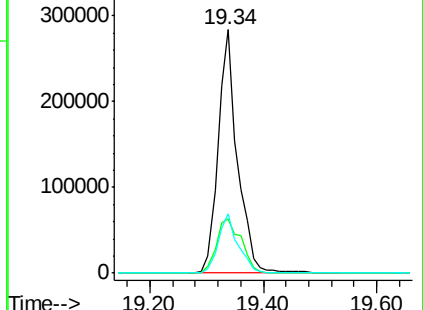
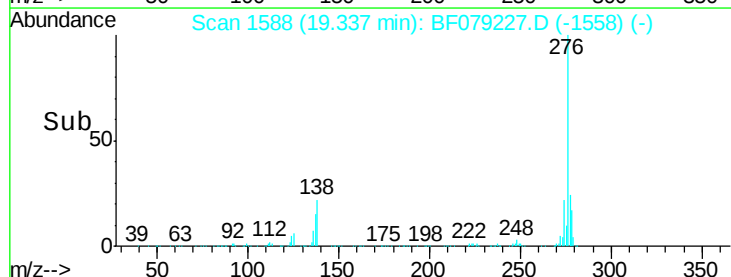
277 25.4 0.0 0.0#

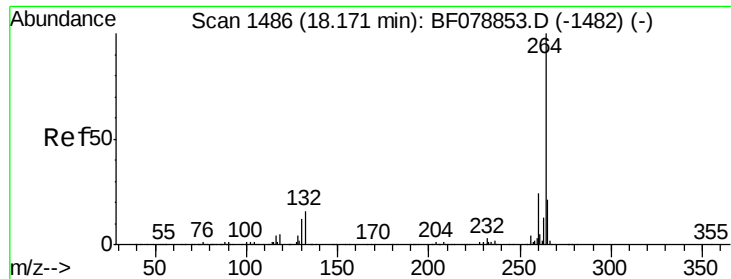


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

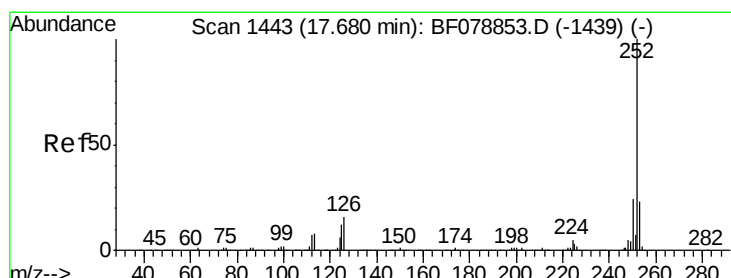
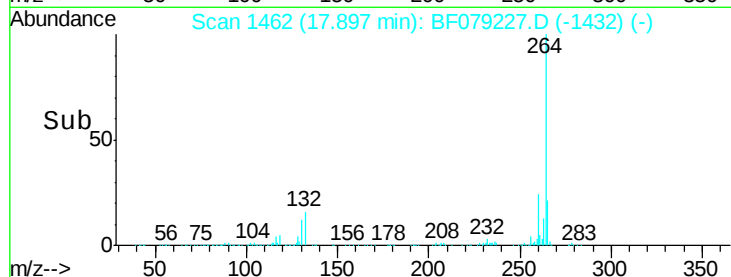
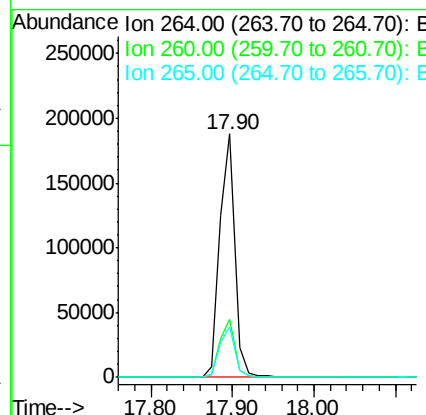
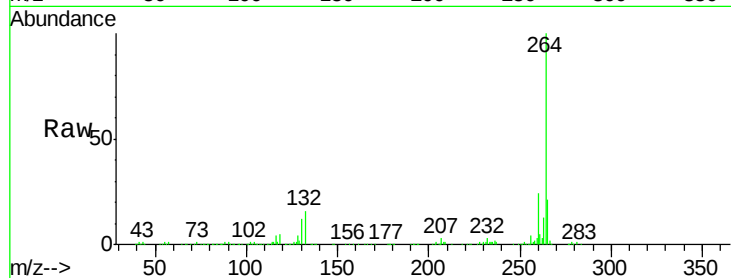




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.90 min Scan# 1462
Delta R.T. 0.05 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

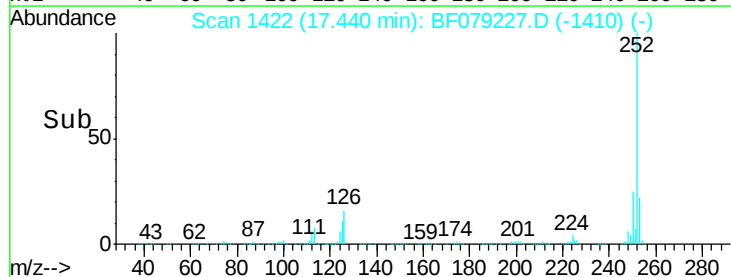
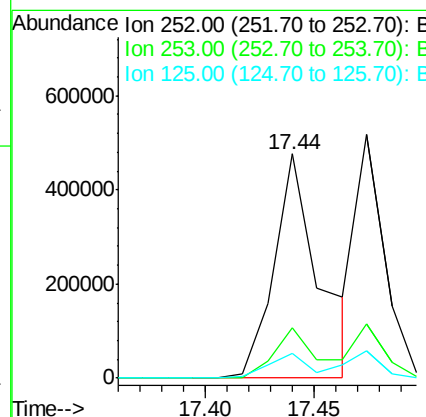
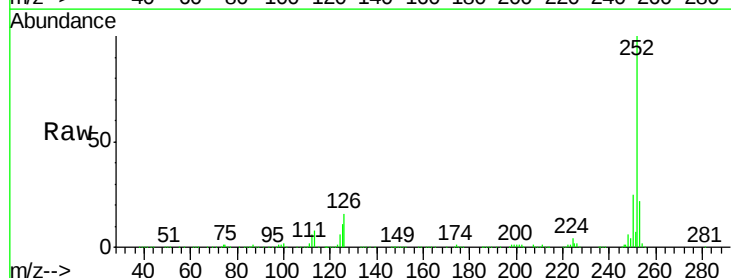
Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

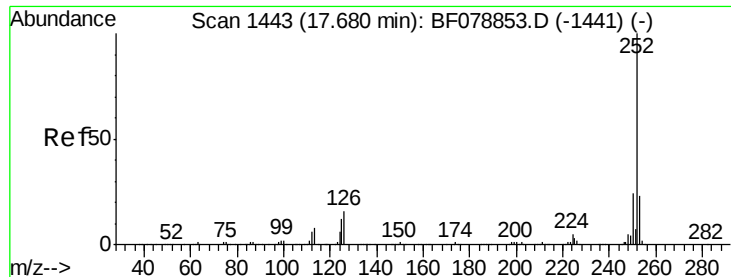
Tgt Ion: 264 Resp: 241732
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.5 18.3 27.5



#87
Benzo(b)fluoranthene
Concen: 52.16 ng
RT: 17.44 min Scan# 1422
Delta R.T. 0.03 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion: 252 Resp: 690139
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.1 9.5 14.3

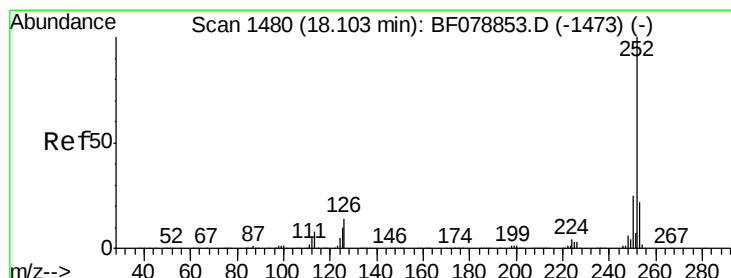
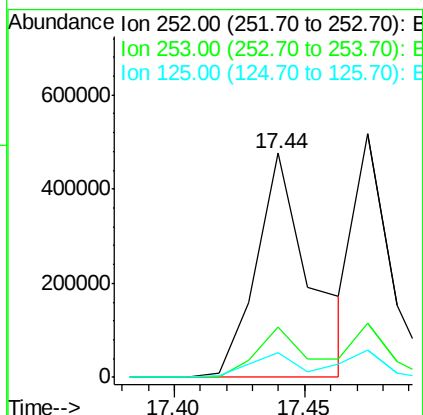
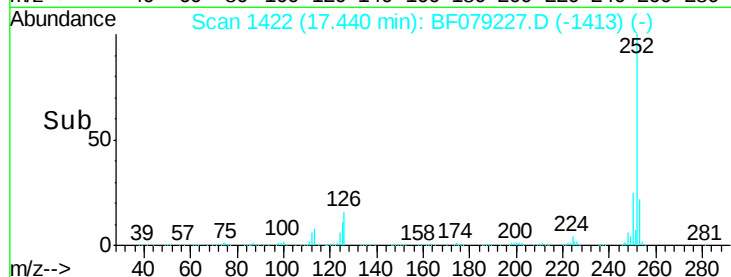
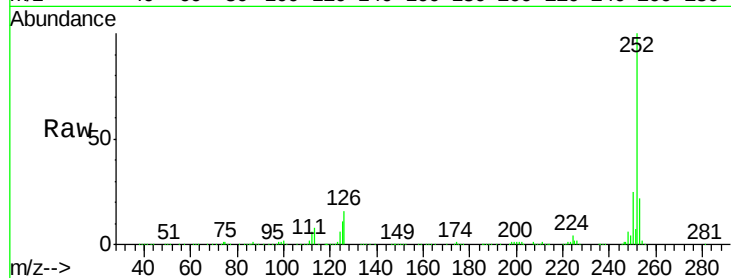




#88
Benzo(k)fluoranthene
Concen: 53.88 ng
RT: 17.44 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

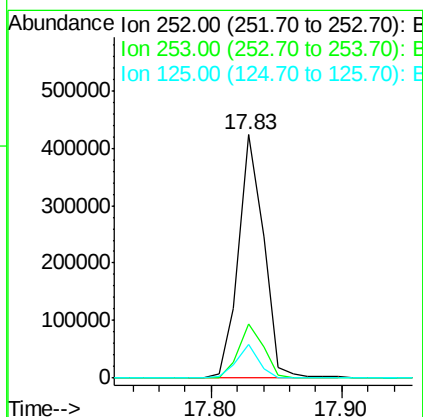
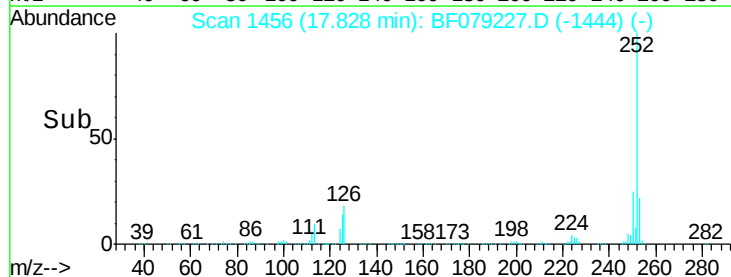
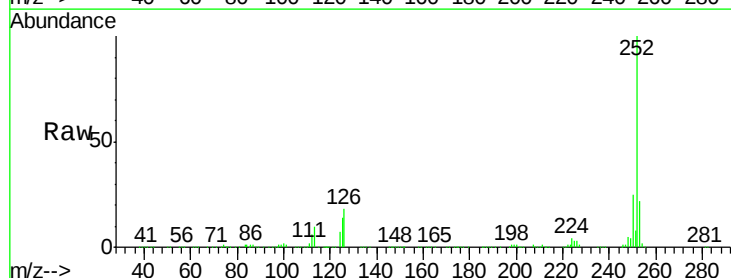
Instrument :
BNA_F
ClientSampleId :
PS-31(0-10)MSD

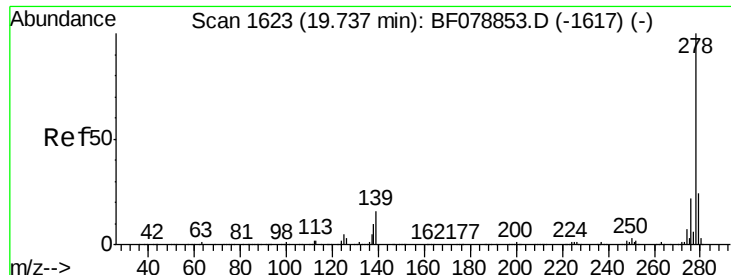
Tgt Ion:252 Resp: 690105
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.1 10.0 15.0



#89
Benzo(a)pyrene
Concen: 46.69 ng
RT: 17.83 min Scan# 1456
Delta R.T. 0.03 min
Lab File: BF079227.D
Acq: 14 May 2015 8:12

Tgt Ion:252 Resp: 568867
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 13.8 7.0 10.6#





#90

Dibenzo(a,h)anthracene

Concen: 43.64 ng

RT: 19.36 min Scan# 1590

Delta R.T. 0.05 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

Instrument :

BNA_F

ClientSampleId :

PS-31(0-10)MSD

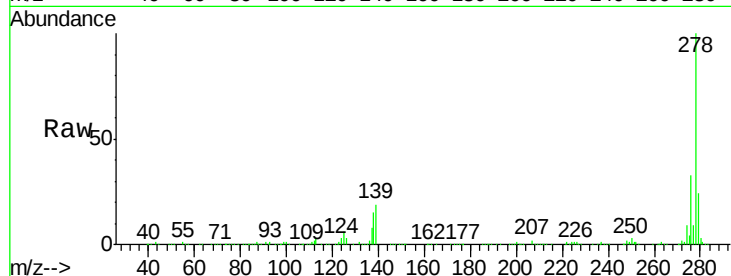
Tgt Ion: 278 Resp: 565053

Ion Ratio Lower Upper

278 100

139 18.5 12.8 19.2

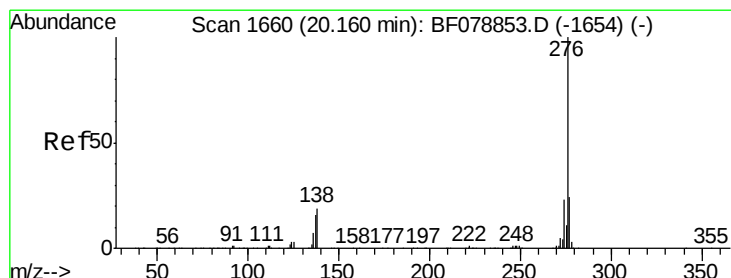
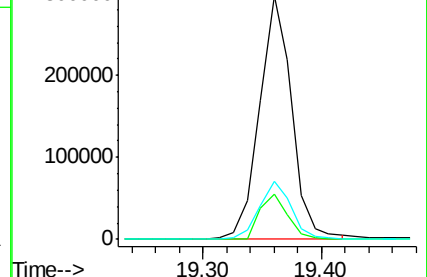
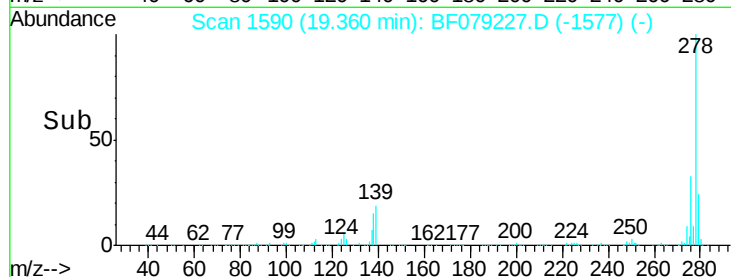
279 24.0 19.6 29.4



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: 41.23 ng

RT: 19.76 min Scan# 1625

Delta R.T. 0.05 min

Lab File: BF079227.D

Acq: 14 May 2015 8:12

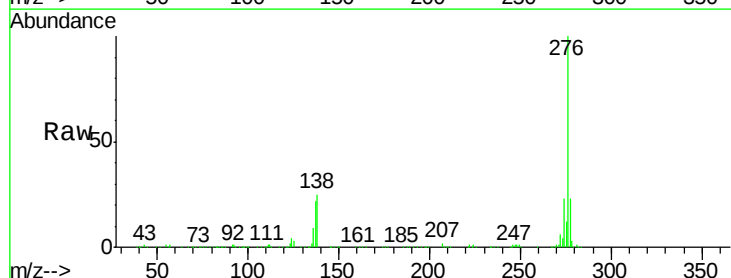
Tgt Ion: 276 Resp: 535011

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 25.2 17.4 26.0



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

