

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078475.D
 Acq On : 13 Apr 2015 22:24
 Operator : TP/IZ
 Sample : G1677-12MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Quant Time: Apr 14 01:25:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40792	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	167624	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	83494	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	164561	20.00	ng	0.00
75) Chrysene-d12	15.65	240	162233	20.00	ng	-0.01
86) Perylene-d12	17.35	264	156607	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	132152	53.41	ng	0.00
7) Phenol-d6	6.42	99	104051	33.56	ng	-0.01
23) Nitrobenzene-d5	7.53	82	239468	86.59	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	101621	146.75	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	551813	94.47	ng	0.00
78) Terphenyl-d14	14.38	244	606487	84.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.61	88	72840	65.11	ng	# 23
3) Pyridine	2.24	79	39333	13.42	ng	# 93
4) n-Nitrosodimethylamine	2.17	42	15101	13.39	ng	88
6) Aniline	6.41	93	92299	20.99	ng	94
8) 2-Chlorophenol	6.56	128	94411	32.27	ng	97
9) Benzaldehyde	6.27	77	33767	16.43	ng	# 86
10) Phenol	6.44	94	43426	11.69	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	110776	41.46	ng	96
12) 1,3-Dichlorobenzene	6.74	146	120935	37.63	ng	97
13) 1,4-Dichlorobenzene	6.84	146	123401	38.15	ng	98
14) 1,2-Dichlorobenzene	7.03	146	119354	39.35	ng	100
15) Benzyl Alcohol	7.03	79	60330	27.69	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	156884	44.02	ng	98
17) 2-Methylphenol	7.20	107	59907	26.38	ng	# 91
18) Hexachloroethane	7.45	117	41922	38.43	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	89455	43.73	ng	97
20) 3+4-Methylphenols	7.39	107	69547	22.95	ng	94
22) Acetophenone	7.35	105	177629	45.48	ng	# 90
24) Nitrobenzene	7.55	77	122339	42.32	ng	# 84
25) Isophorone	7.86	82	231060	44.02	ng	99
26) 2-Nitrophenol	7.95	139	53213	38.63	ng	93
27) 2,4-Dimethylphenol	8.03	122	89989	35.13	ng	94
28) bis(2-Chloroethoxy)methane	8.15	93	142522	42.35	ng	99
29) 2,4-Dichlorophenol	8.25	162	92803	39.82	ng	90
30) 1,2,4-Trichlorobenzene	8.34	180	107097	40.08	ng	97
31) Naphthalene	8.43	128	471799	54.08	ng	99
32) Benzoic acid	8.14	122	5740	9.98	ng	92
33) 4-Chloroaniline	8.52	127	113278	31.29	ng	95
34) Hexachlorobutadiene	8.59	225	59536	40.58	ng	96
35) Caprolactam	8.95	113	4179	6.01	ng	97
36) 4-Chloro-3-methylphenol	9.14	107	88765	37.75	ng	94
37) 2-Methylnaphthalene	9.29	142	292067	49.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	108578	41.97	ng	97
40) Hexachlorocyclopentadiene	9.48	237	87106	78.36	ng	98

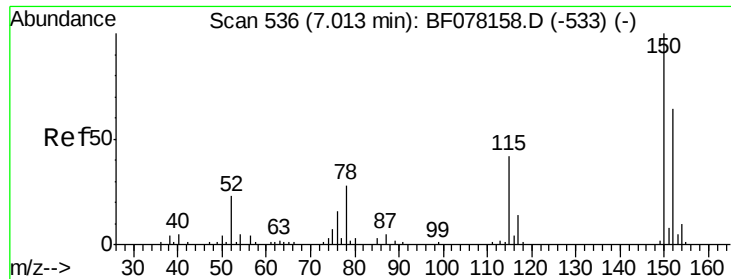
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	68987	42.28	ng	97
43) 2,4,5-Trichlorophenol	9.70	196	70596	41.42	ng #	87
45) 1,1'-Biphenyl	9.87	154	305240	44.69	ng	98
46) 2-Chloronaphthalene	9.88	162	231304	43.05	ng	99
47) 2-Nitroaniline	10.03	65	63880	48.05	ng #	62
48) Acenaphthylene	10.39	152	367408	42.34	ng	99
49) Dimethylphthalate	10.27	163	272484	43.44	ng #	98
50) 2,6-Dinitrotoluene	10.34	165	60319	46.74	ng #	69
51) Acenaphthene	10.60	154	221209	45.28	ng	98
52) 3-Nitroaniline	10.54	138	53499	36.46	ng	92
53) 2,4-Dinitrophenol	10.68	184	24876	57.93	ng #	84
54) Dibenzofuran	10.82	168	341430	45.76	ng	97
55) 4-Nitrophenol	10.82	139	148644	135.57	ng #	21
56) 2,4-Dinitrotoluene	10.83	165	79690	47.68	ng	86
57) Fluorene	11.25	166	281465	46.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	55478	43.90	ng #	99
59) Diethylphthalate	11.14	149	277650	45.91	ng	98
60) 4-Chlorophenyl-phenylether	11.26	204	129830	46.66	ng #	82
61) 4-Nitroaniline	11.29	138	63027	42.49	ng	97
62) Azobenzene	11.45	77	294424	53.34	ng	93
64) 4,6-Dinitro-2-methylphenol	11.34	198	25055	33.76	ng #	56
65) n-Nitrosodiphenylamine	11.41	169	233651	41.05	ng	99
66) 4-Bromophenyl-phenylether	11.85	248	75548	43.35	ng	91
67) Hexachlorobenzene	11.91	284	79786	41.78	ng	99
68) Atrazine	12.09	200	82097	49.80	ng	98
69) Pentachlorophenol	12.16	266	67105	79.31	ng	100
70) Phenanthrene	12.41	178	398854	41.90	ng	99
71) Anthracene	12.48	178	404196	43.09	ng	100
72) Carbazole	12.70	167	385153	43.81	ng	99
73) Di-n-butylphthalate	13.17	149	488951	49.10	ng	99
74) Fluoranthene	13.87	202	420318	41.87	ng	96
76) Benzidine	14.07	184	244908	39.21	ng	99
77) Pyrene	14.15	202	438836	43.09	ng	98
79) Butylbenzylphthalate	15.01	149	204037	52.57	ng #	76
80) Benzo(a)anthracene	15.63	228	410752	42.55	ng	98
81) 3,3'-Dichlorobenzidine	15.62	252	123361	38.16	ng #	98
82) Chrysene	15.68	228	381580	42.07	ng	99
83) Bis(2-ethylhexyl)phthalate	15.73	149	318775	52.36	ng	97
84) Di-n-octyl phthalate	16.51	149	546891	54.71	ng #	100
85) Indeno(1,2,3-cd)pyrene	18.58	276	431838	41.96	ng #	86
87) Benzo(b)fluoranthene	16.91	252	381911	39.46	ng #	98
88) Benzo(k)fluoranthene	16.91	252	381911	44.40	ng #	96
89) Benzo(a)pyrene	17.29	252	374553	44.34	ng	98
90) Dibenzo(a,h)anthracene	18.61	278	354514	41.92	ng	96
91) Benzo(g,h,i)perylene	18.93	276	360980	42.57	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

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DEL-4S-2(7.0-7.5)MS

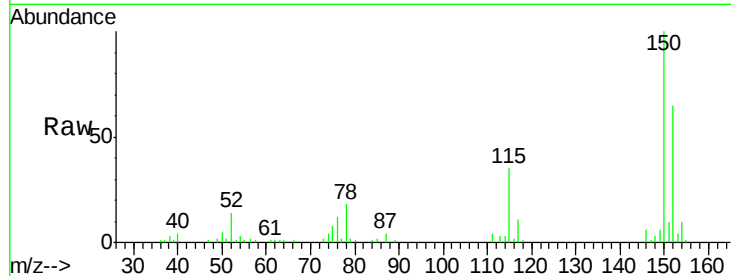
Tgt Ion:152 Resp: 40792

Ion Ratio Lower Upper

152 100

150 153.8 125.9 188.9

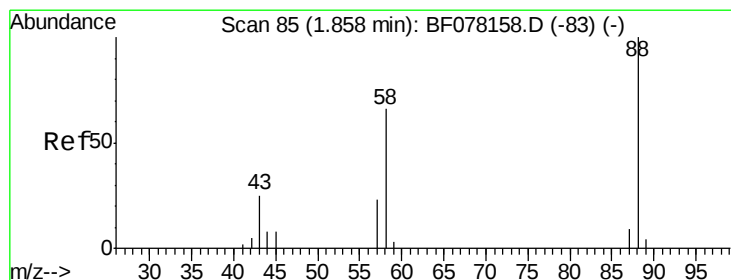
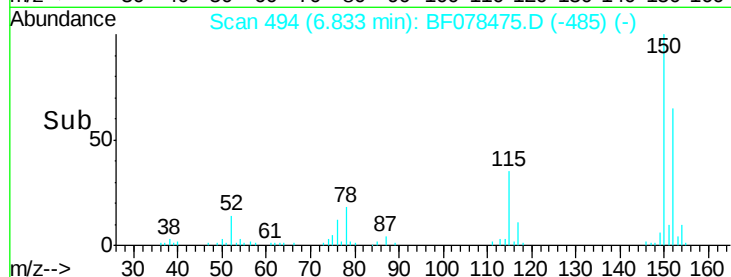
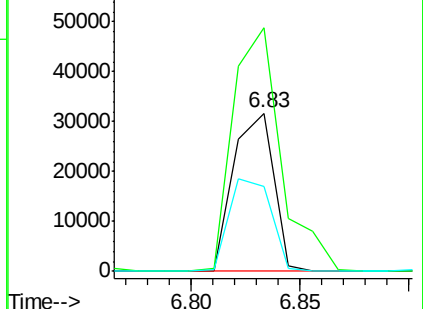
115 53.9 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 65.11 ng

RT: 1.61 min Scan# 37

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

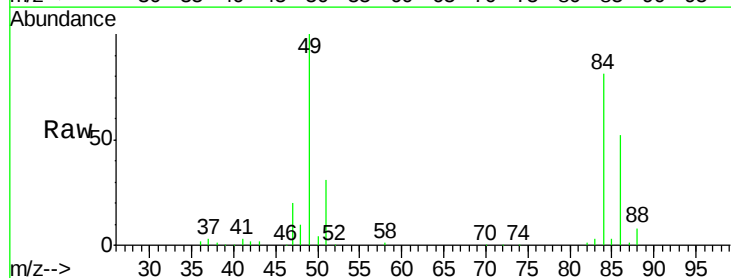
Tgt Ion: 88 Resp: 72840

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

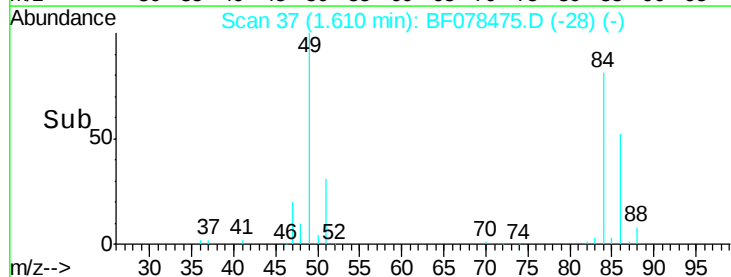
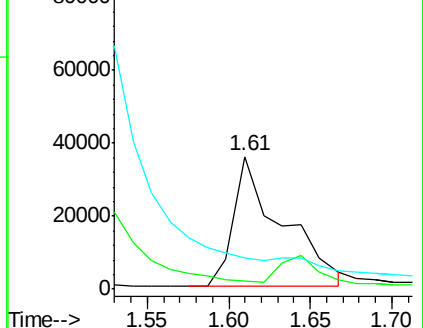
43 0.0 21.4 32.2#

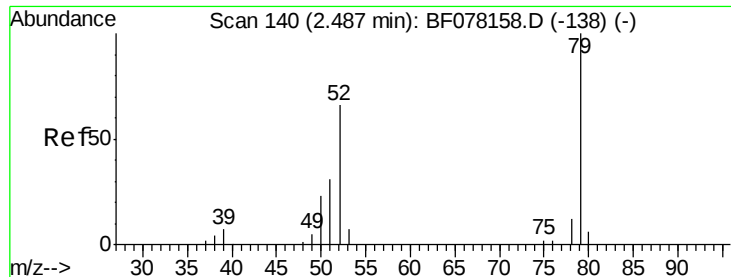


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.42 ng

RT: 2.24 min Scan# 92

Delta R.T. 0.05 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

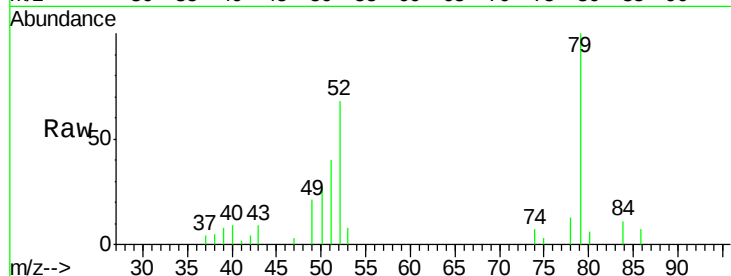
Tgt Ion: 79 Resp: 39333

Ion Ratio Lower Upper

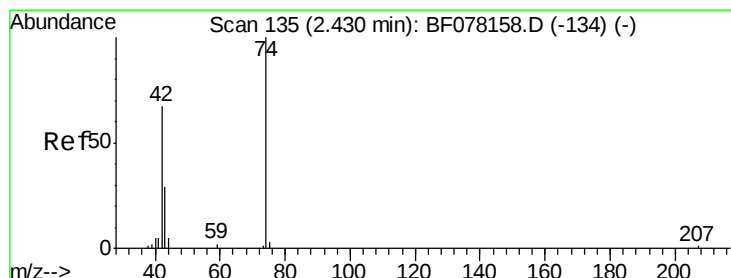
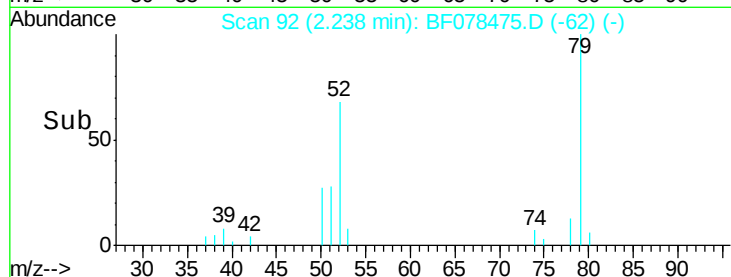
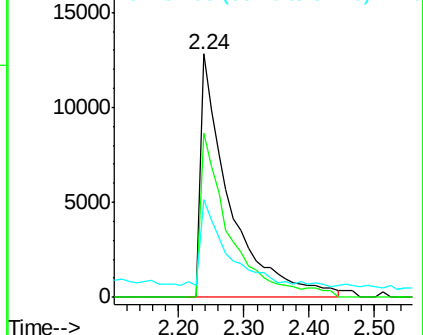
79 100

52 67.6 52.4 78.6

51 40.2 24.9 37.3#



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: 13.39 ng

RT: 2.17 min Scan# 86

Delta R.T. 0.02 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

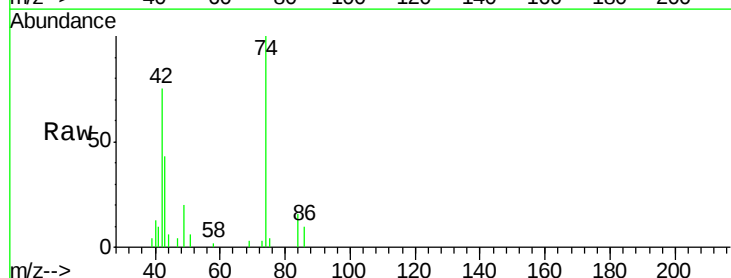
Tgt Ion: 42 Resp: 15101

Ion Ratio Lower Upper

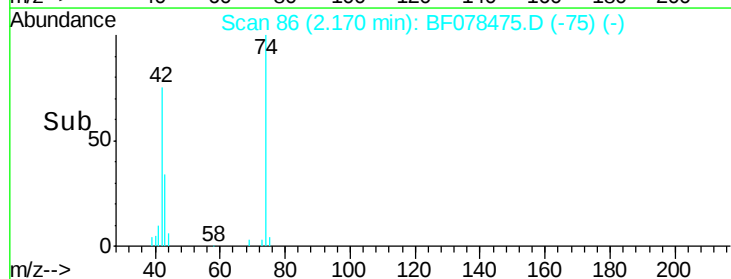
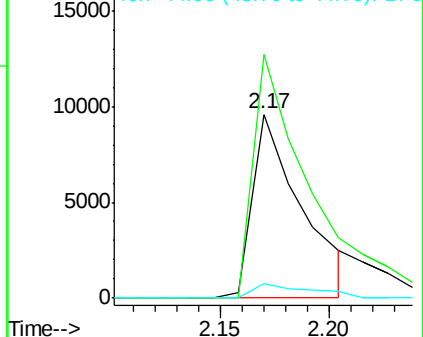
42 100

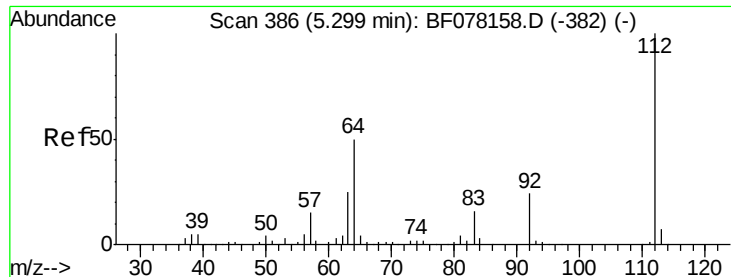
74 132.7 118.7 178.1

44 8.1 5.9 8.9



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: 53.41 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

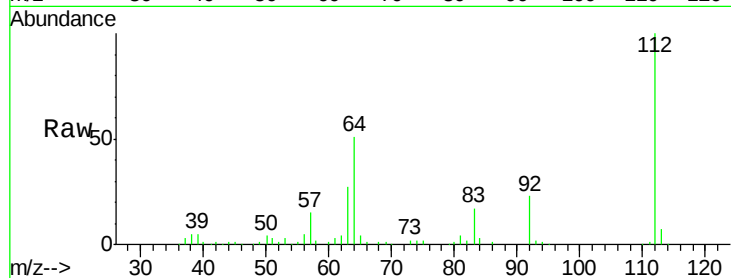
Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

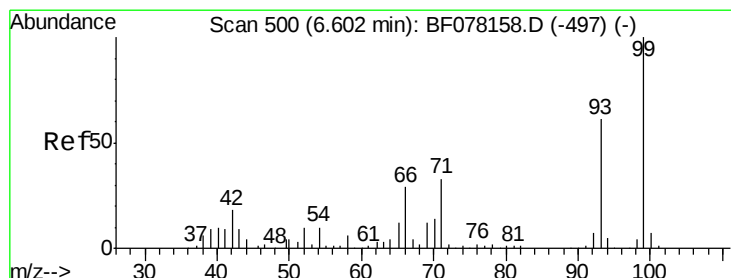
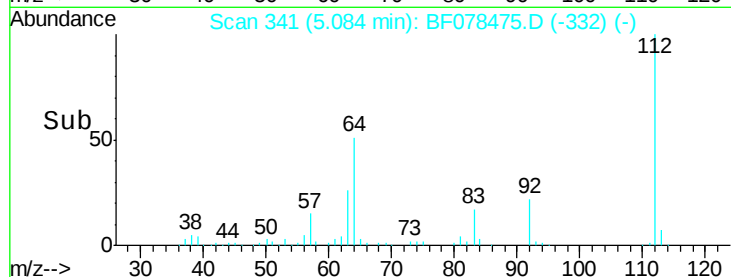
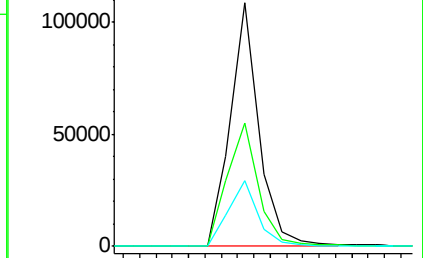
Tgt Ion:	112	Resp:	132152
Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.9	59.9
63	27.0	20.2	30.4



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: 20.99 ng

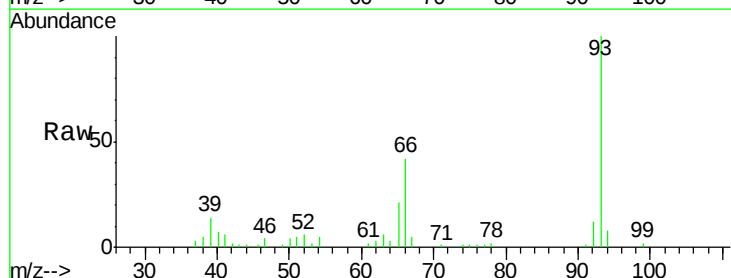
RT: 6.41 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

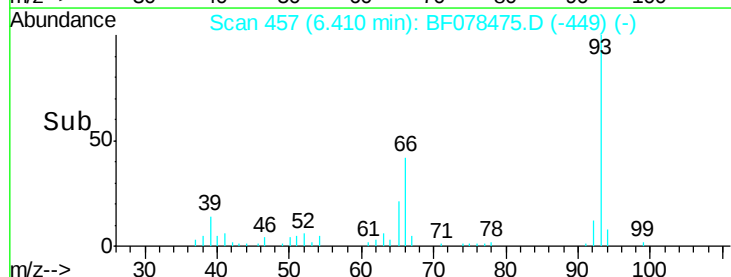
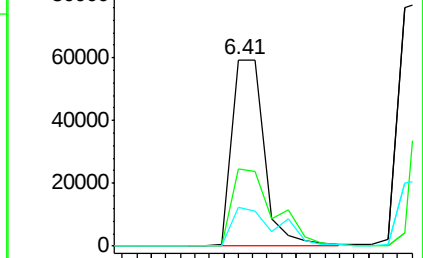
Tgt Ion:	93	Resp:	92299
Ion	Ratio	Lower	Upper
93	100		
66	41.7	38.0	57.0
65	20.7	16.3	24.5

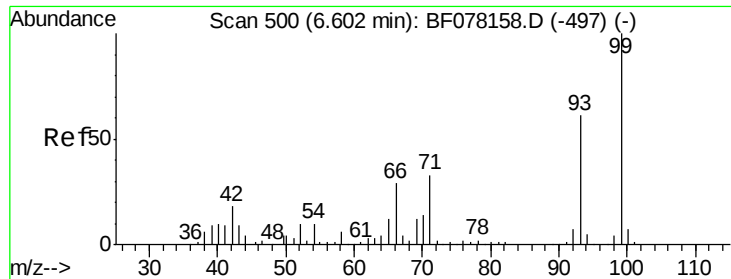


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 33.56 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078475.D

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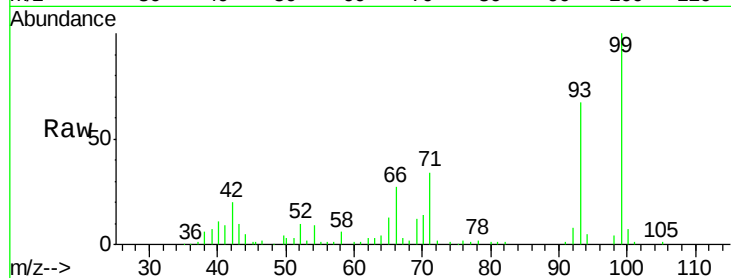
Tgt Ion: 99 Resp: 104051

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

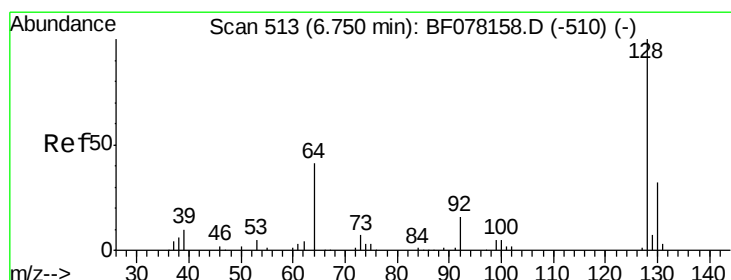
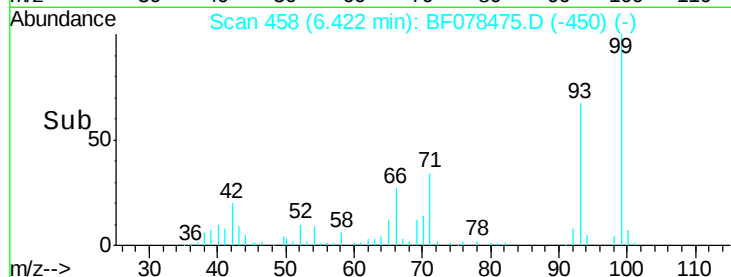
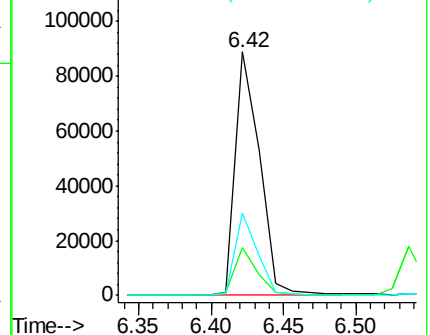
71 33.9 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.27 ng

RT: 6.56 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

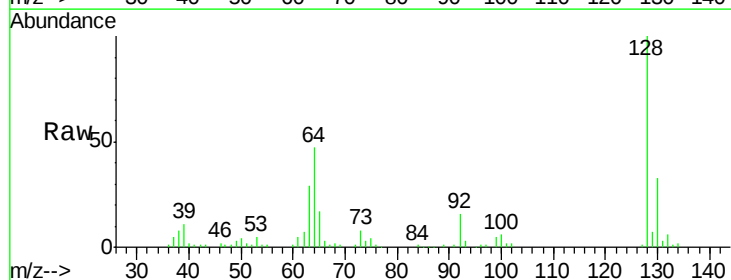
Tgt Ion: 128 Resp: 94411

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

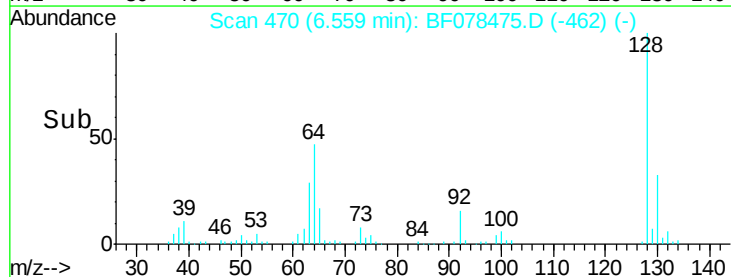
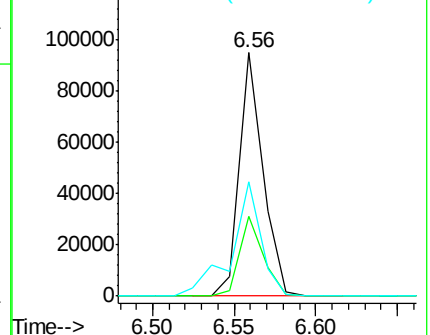
64 47.0 23.8 63.8

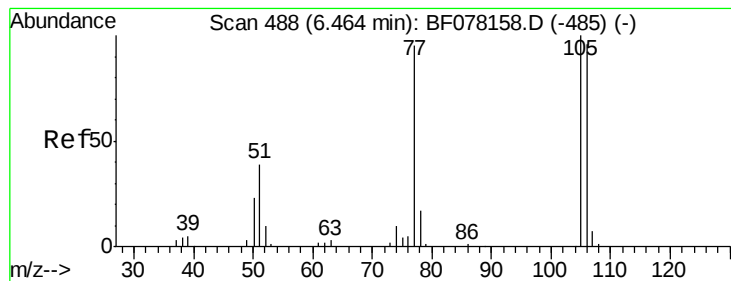


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.43 ng

RT: 6.27 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF078475.D

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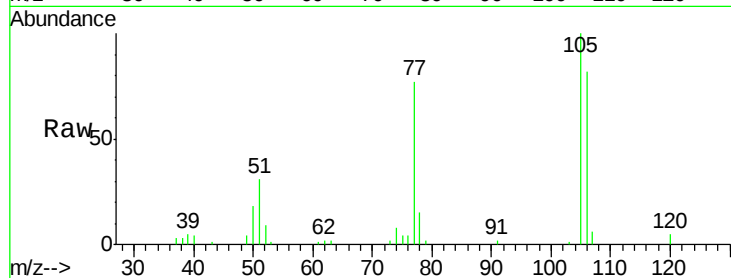
Tgt Ion: 77 Resp: 33767

Ion Ratio Lower Upper

77 100

105 129.6 85.4 125.4#

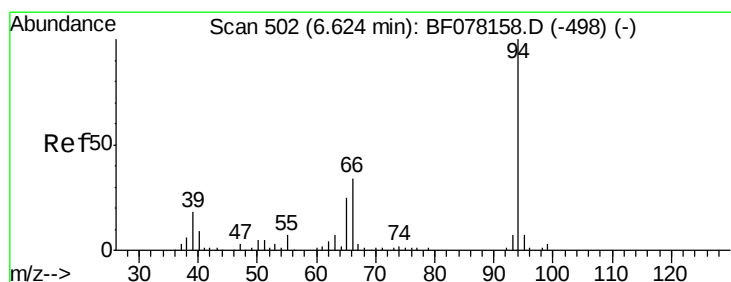
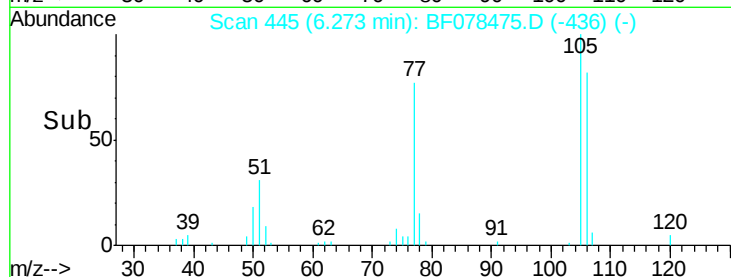
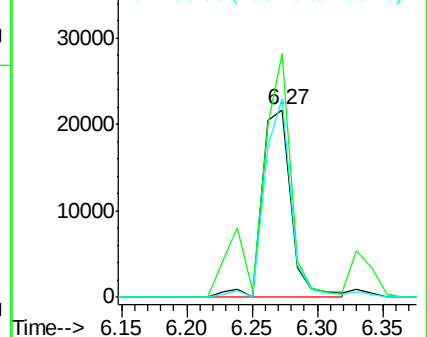
106 105.9 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.69 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

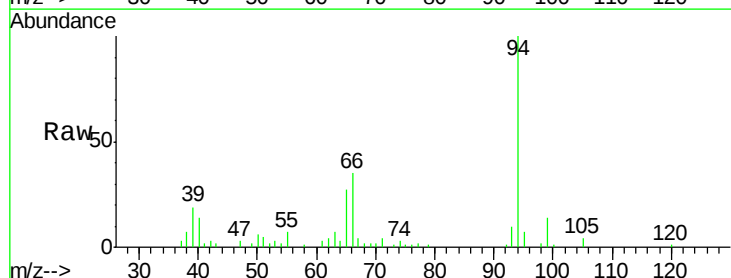
Tgt Ion: 94 Resp: 43426

Ion Ratio Lower Upper

94 100

65 26.5 4.9 44.9

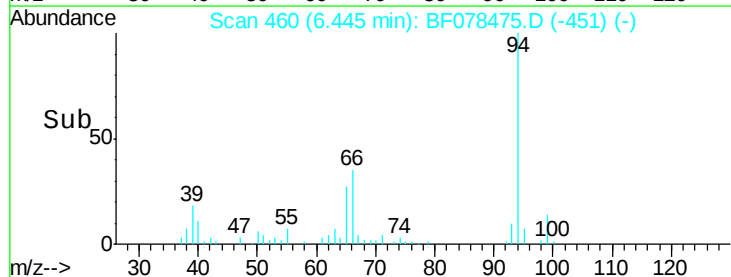
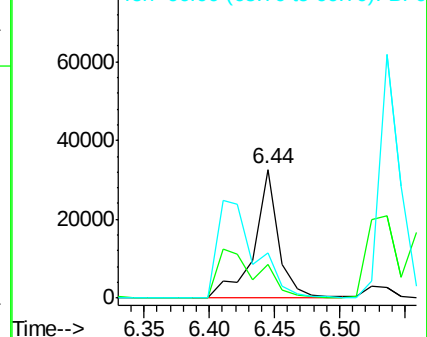
66 35.3 13.8 53.8

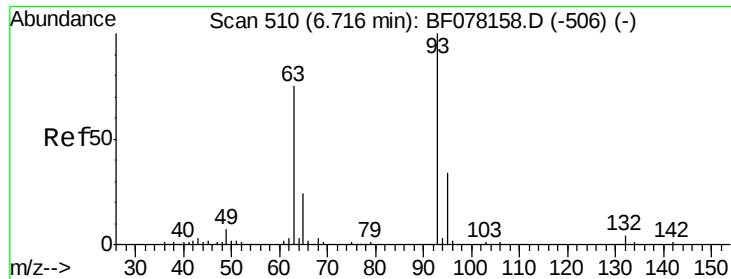


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

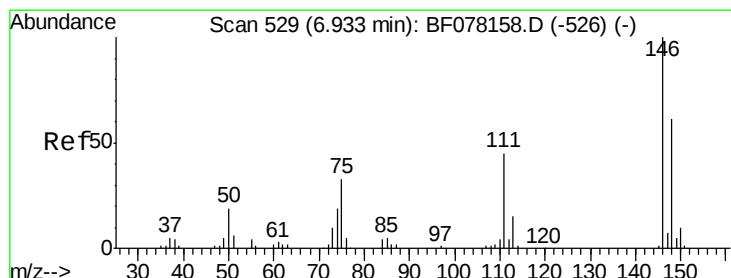
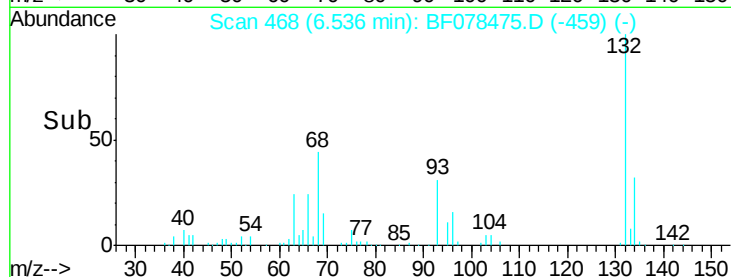
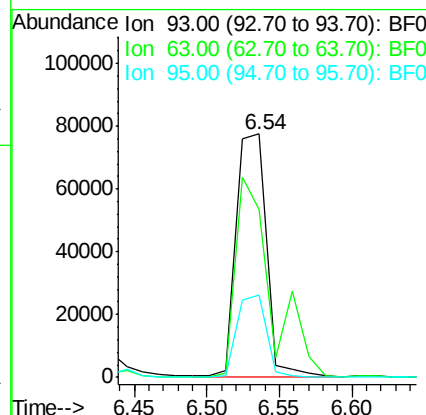
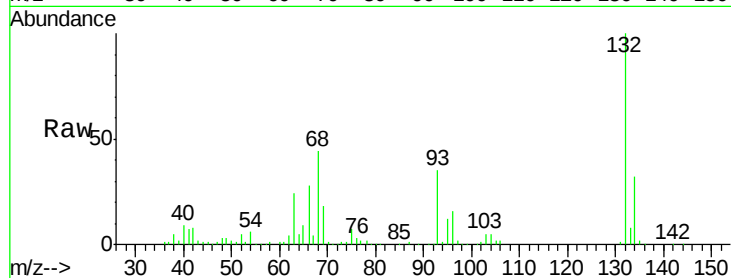




#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 6.54 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

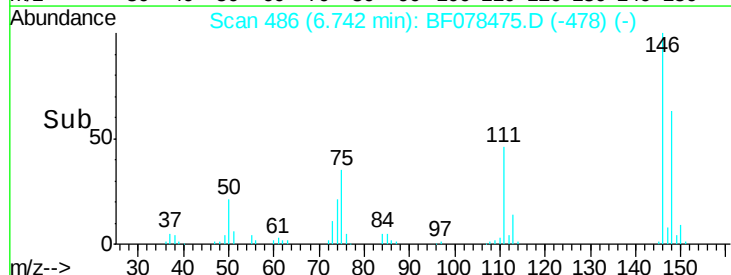
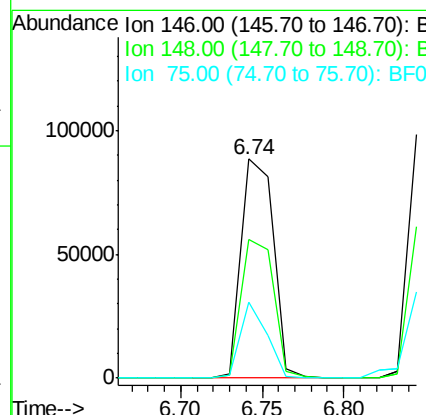
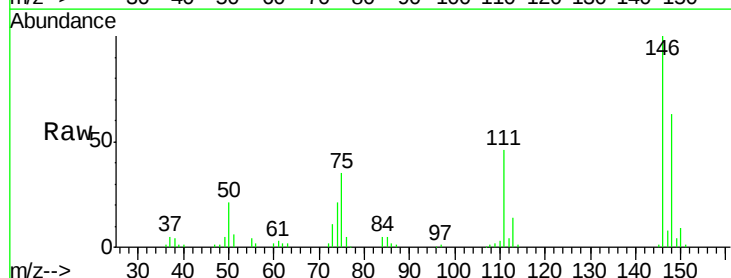
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

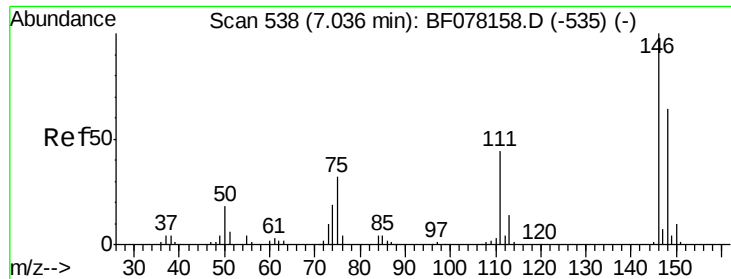
Tgt Ion: 93 Resp: 110776
Ion Ratio Lower Upper
93 100
63 69.1 54.6 94.6
95 33.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.63 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion: 146 Resp: 120935
Ion Ratio Lower Upper
146 100
148 63.4 49.1 73.7
75 34.8 26.6 40.0

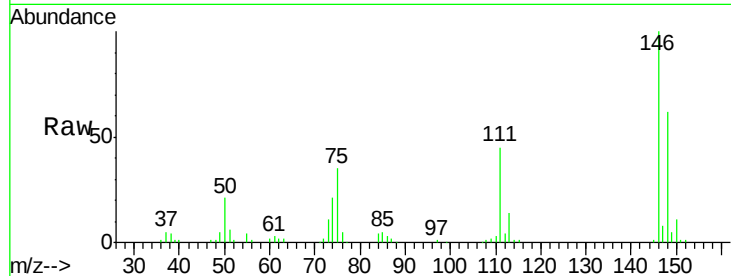




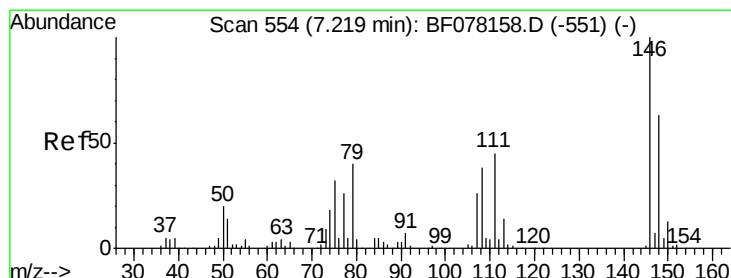
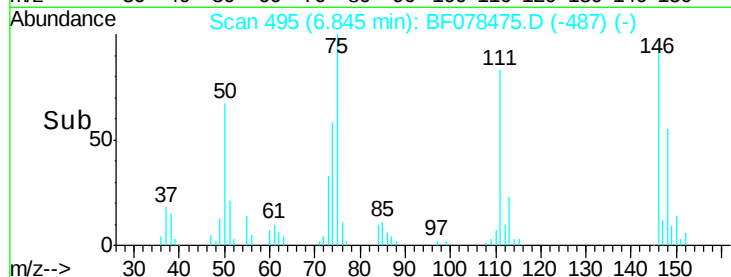
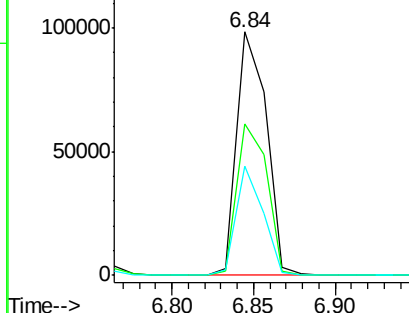
#13
 1,4-Dichlorobenzene
 Concen: 38.15 ng
 RT: 6.84 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
111	44.9	35.0	52.4

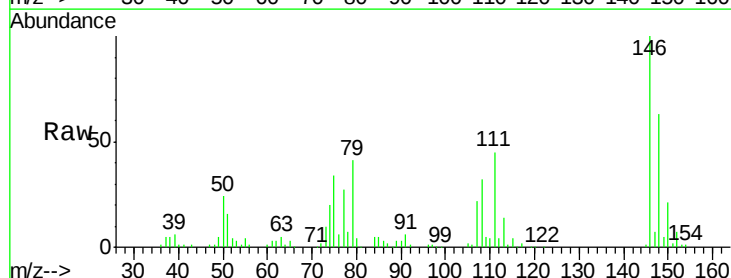


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

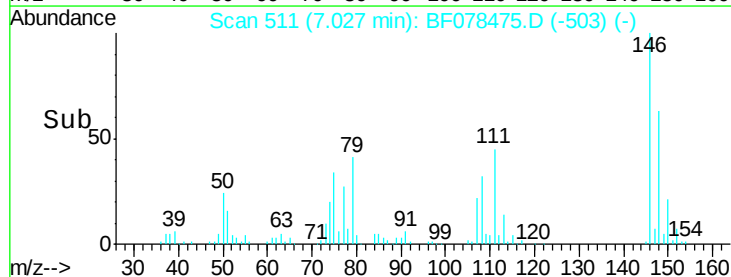
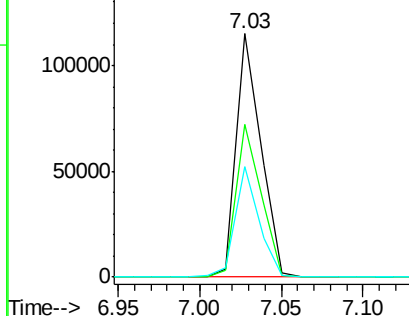


#14
 1,2-Dichlorobenzene
 Concen: 39.35 ng
 RT: 7.03 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.2	75.4
111	45.3	36.1	54.1



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





#15

Benzyl Alcohol

Concen: 27.69 ng

RT: 7.03 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

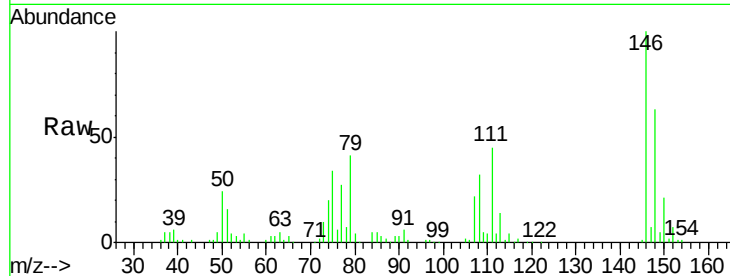
Tgt Ion: 79 Resp: 60330

Ion Ratio Lower Upper

79 100

108 78.2 57.6 86.4

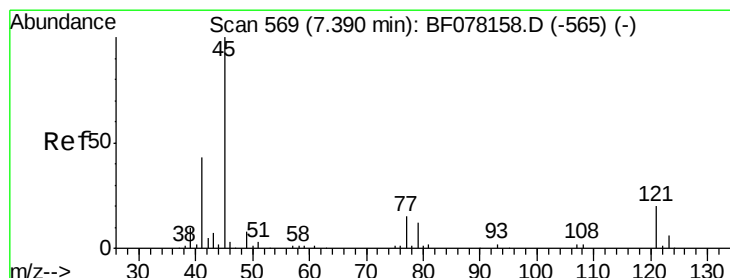
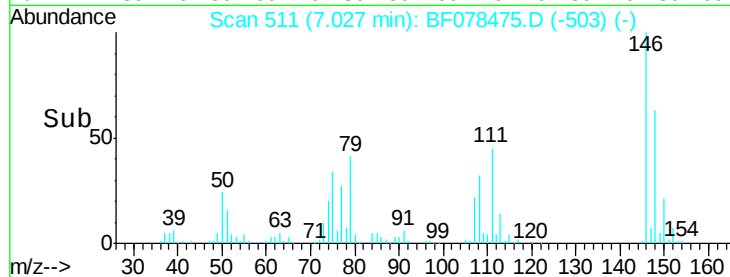
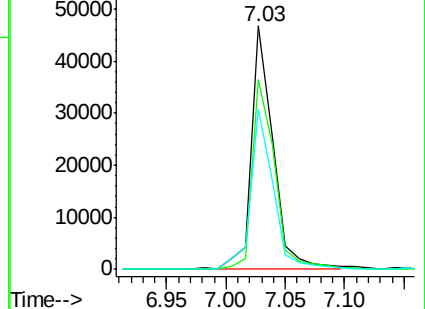
77 65.8 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.02 ng

RT: 7.21 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

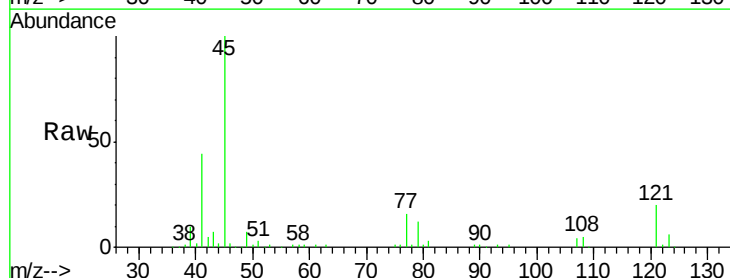
Tgt Ion: 45 Resp: 156884

Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.5

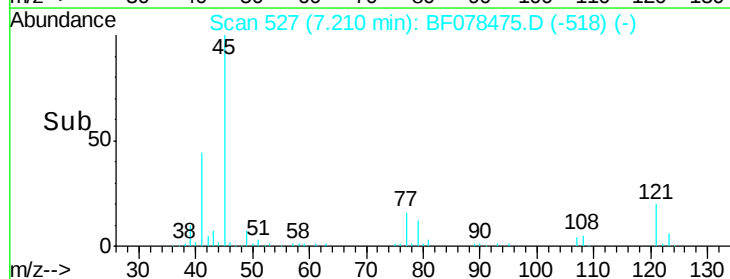
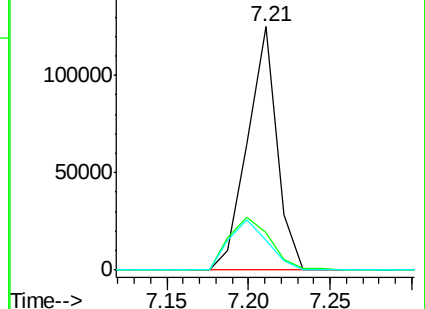
79 12.2 0.0 31.9

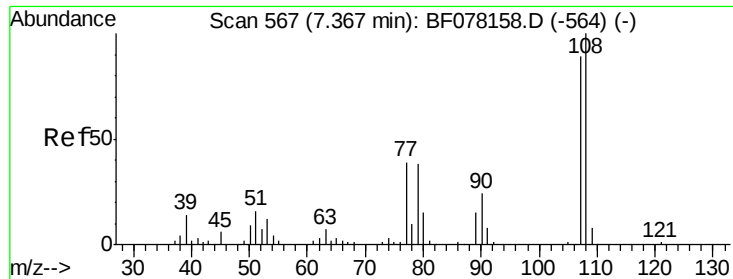


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

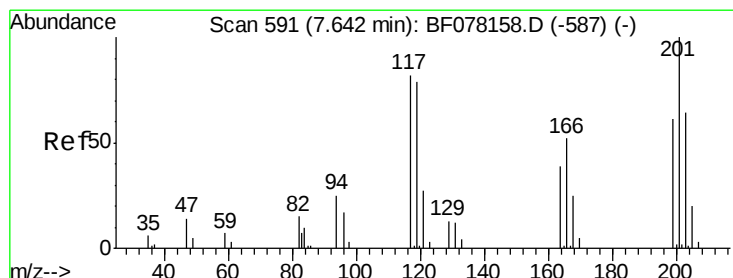
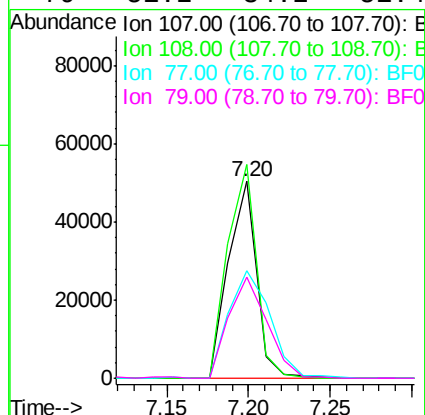
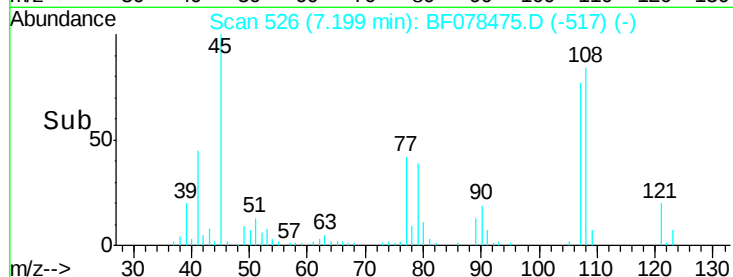
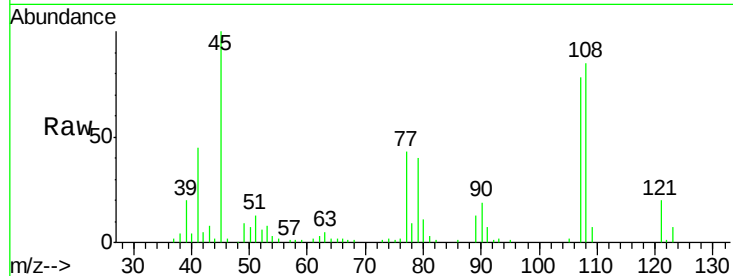




#17
2-Methylphenol
Concen: 26.38 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

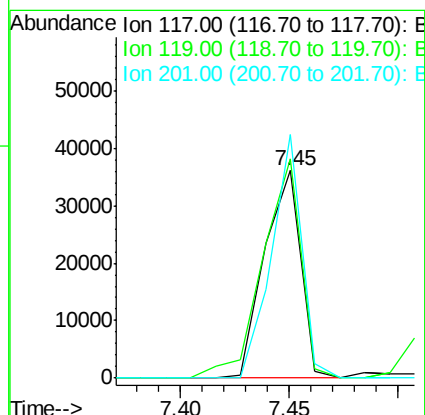
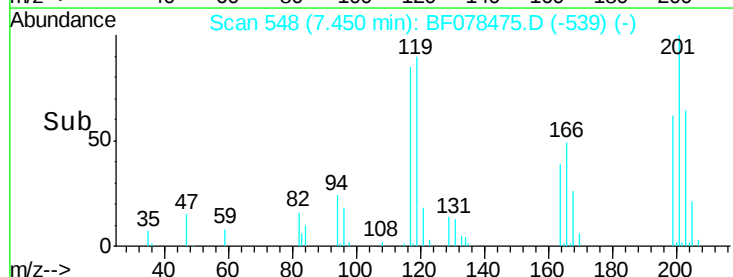
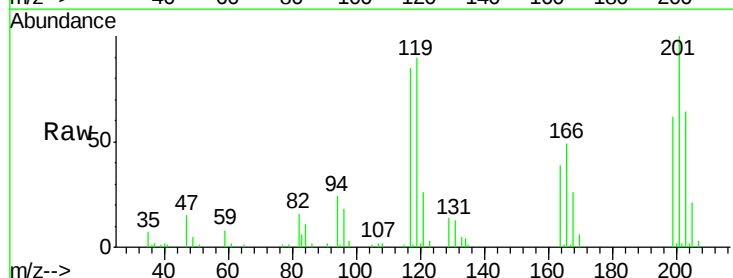
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

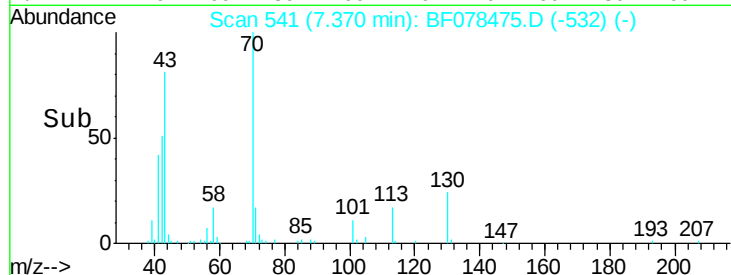
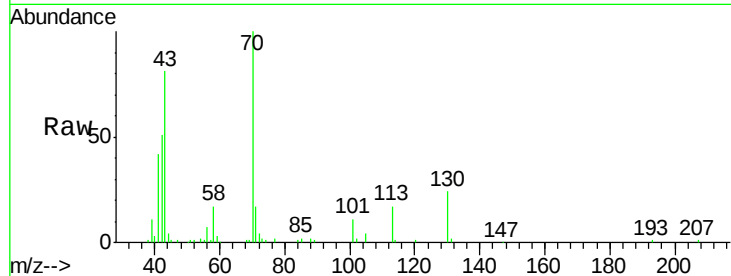
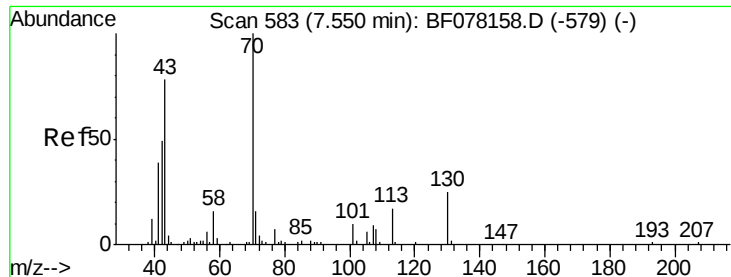
Tgt Ion:107 Resp: 59907
Ion Ratio Lower Upper
107 100
108 108.7 90.3 135.5
77 54.5 35.5 53.3#
79 51.2 34.2 51.4



#18
Hexachloroethane
Concen: 38.43 ng
RT: 7.45 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:117 Resp: 41922
Ion Ratio Lower Upper
117 100
119 105.6 77.0 115.6
201 117.4 98.1 147.1

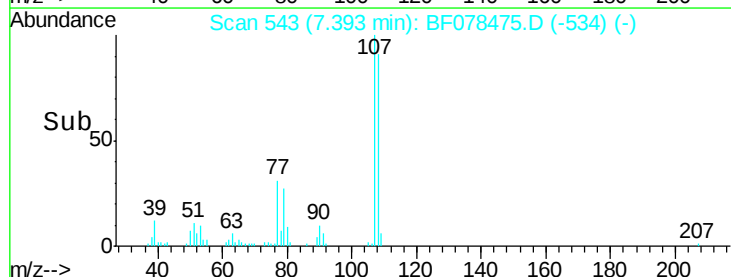
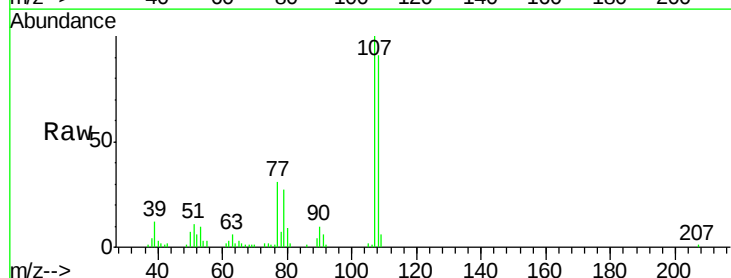
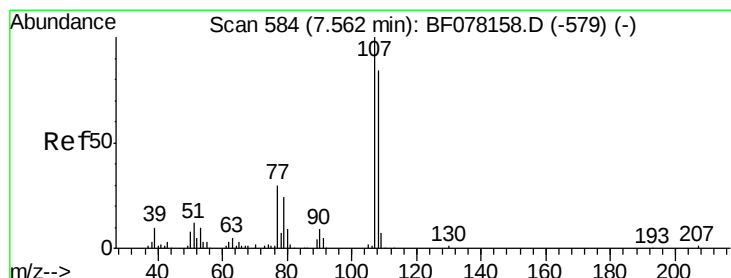
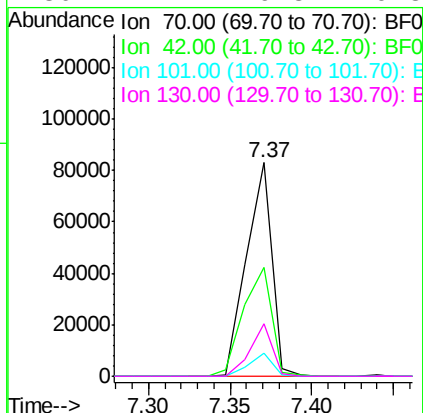




#19
n-Nitroso-di-n-propylamine
Concen: 43.73 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

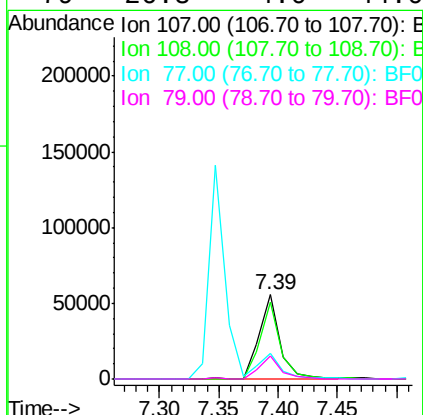
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

Tgt Ion:	70	Resp:	89455
Ion	Ratio	Lower	Upper
70	100		
42	51.2	38.9	58.3
101	10.7	8.3	12.5
130	24.4	19.8	29.8



#20
3+4-Methylphenols
Concen: 22.95 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:	107	Resp:	69547
Ion	Ratio	Lower	Upper
107	100		
108	91.1	64.4	104.4
77	31.2	9.7	49.7
79	26.8	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

Tgt Ion:136 Resp: 167624

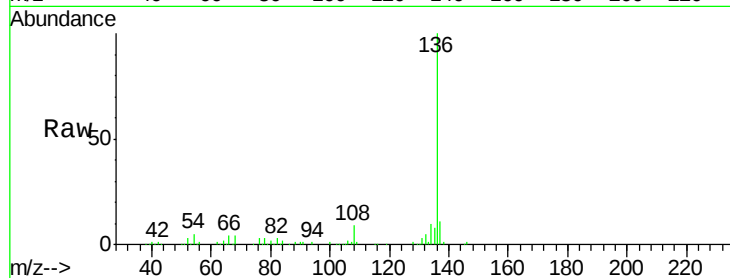
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.3 7.0 10.6#

68 4.4 5.4 8.2#

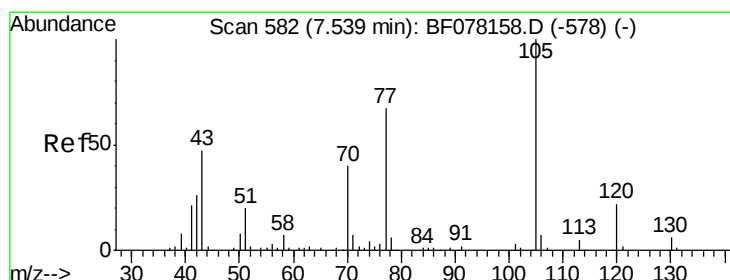
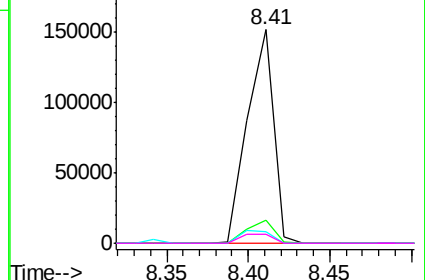
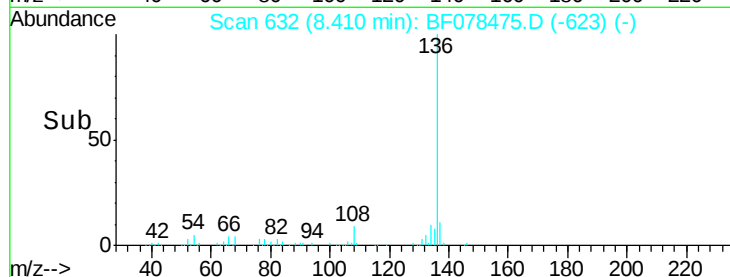


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.48 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Tgt Ion:105 Resp: 177629

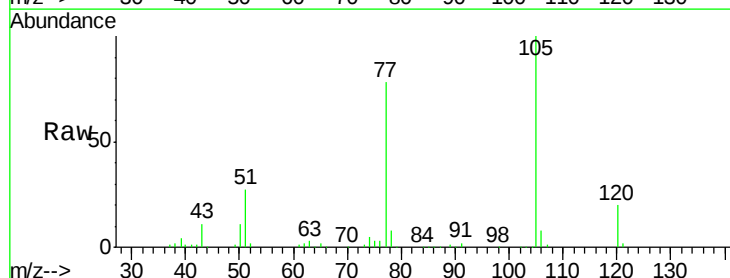
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.5 16.0 24.0#

120 20.4 17.8 26.6

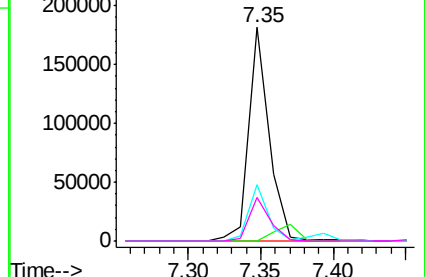
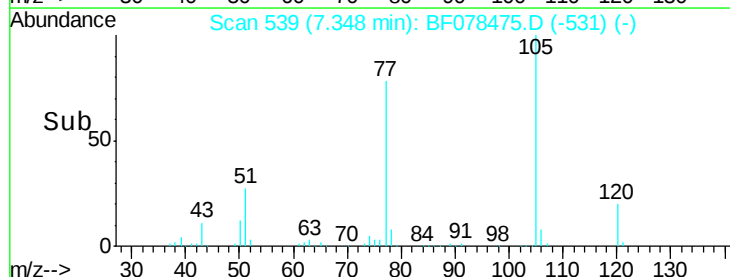


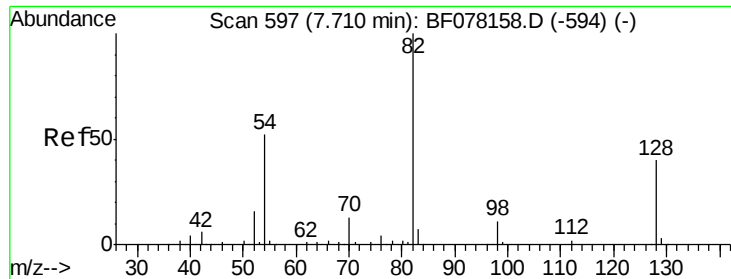
Abundance Ion 105.00 (104.70 to 105.70): E

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

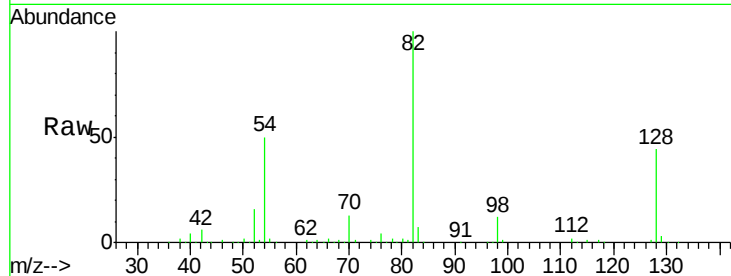




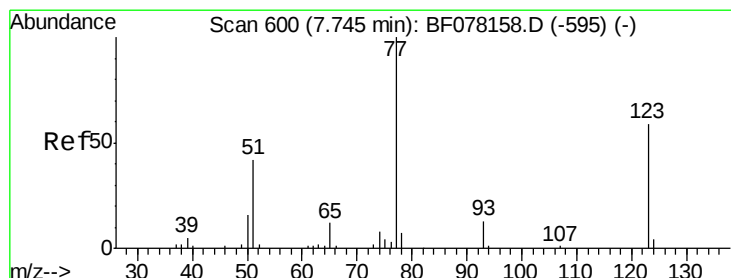
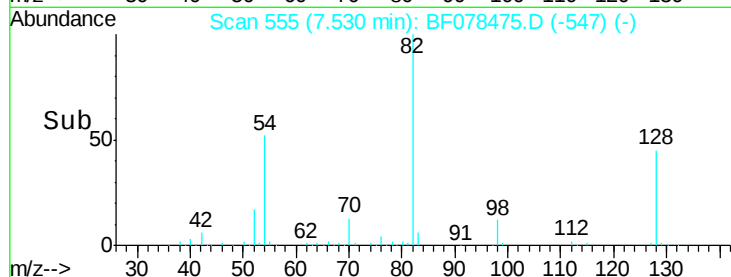
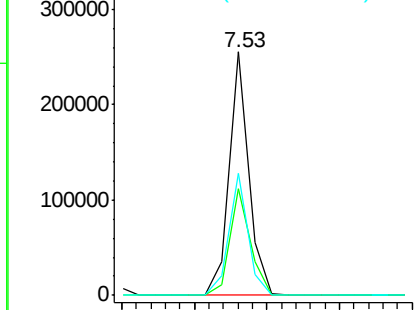
#23
 Nitrobenzene-d5
 Concen: 86.59 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.8	47.8
54	50.3	41.5	62.3

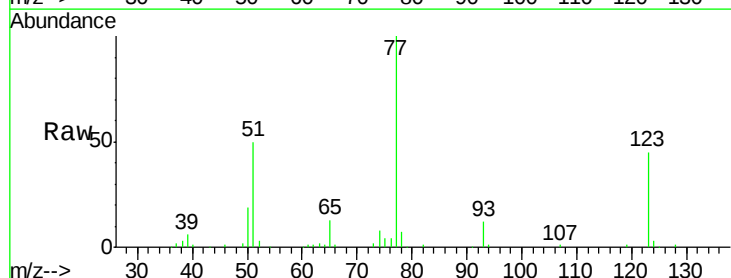


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

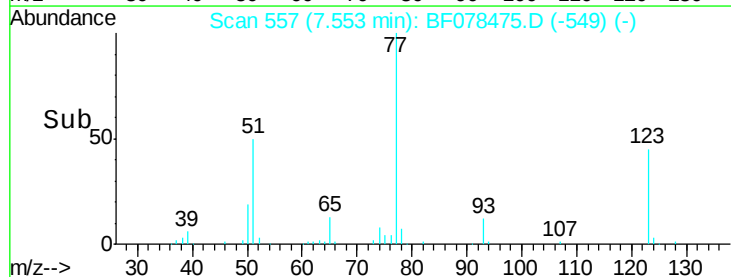
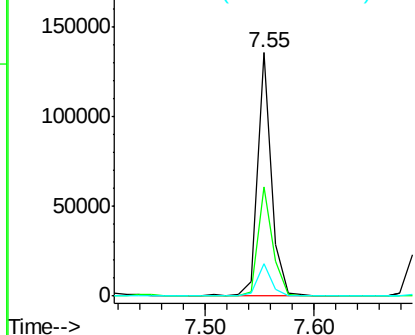


#24
 Nitrobenzene
 Concen: 42.32 ng
 RT: 7.55 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	46.9	70.3#
65	13.4	9.5	14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

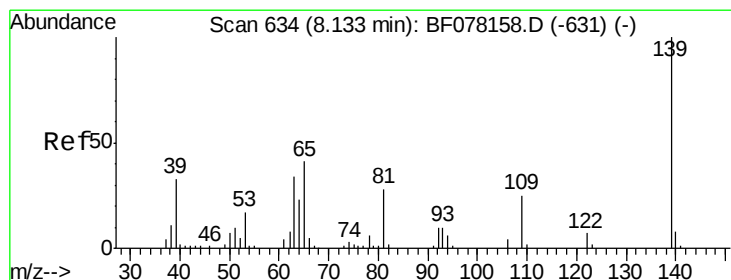
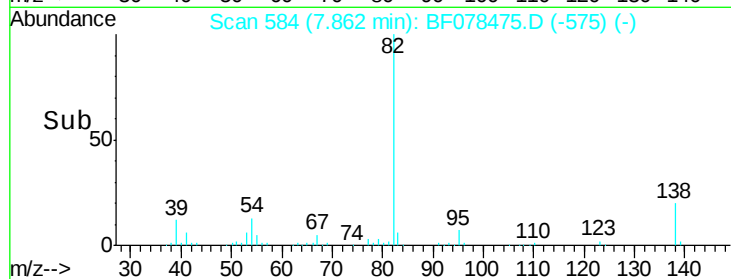
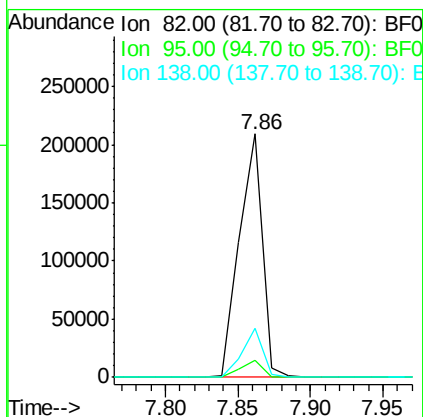
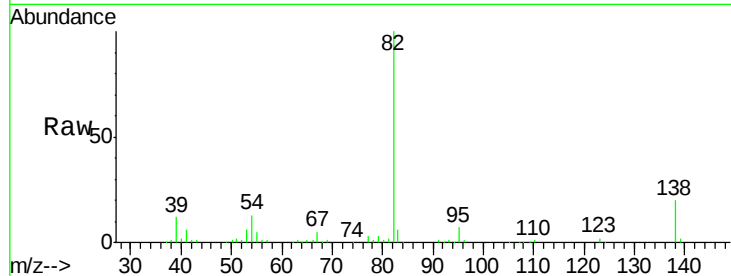




#25
Isophorone
Concen: 44.02 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

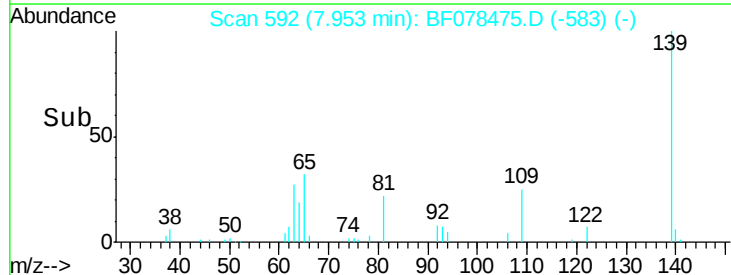
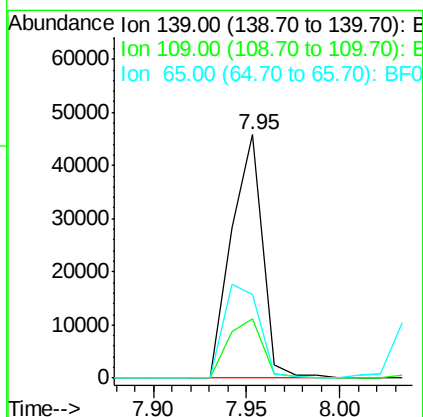
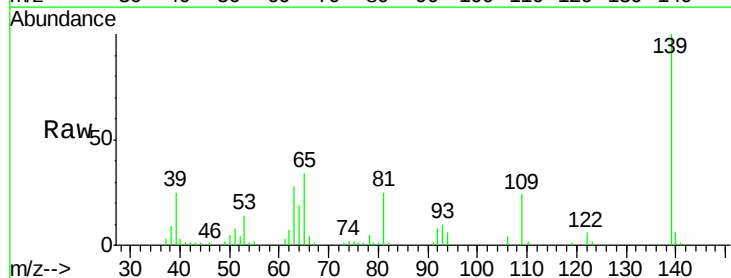
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

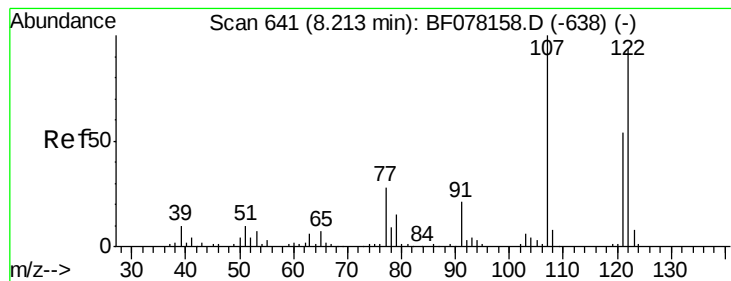
Tgt Ion: 82 Resp: 231060
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 20.4 15.8 23.8



#26
2-Nitrophenol
Concen: 38.63 ng
RT: 7.95 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion: 139 Resp: 53213
Ion Ratio Lower Upper
139 100
109 24.5 19.8 29.8
65 34.3 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 35.13 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

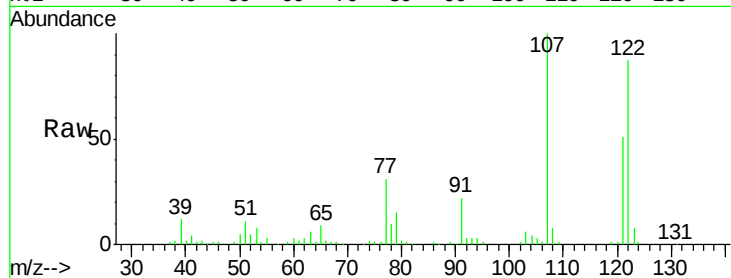
Tgt Ion:122 Resp: 89989

Ion Ratio Lower Upper

122 100

107 114.4 84.6 127.0

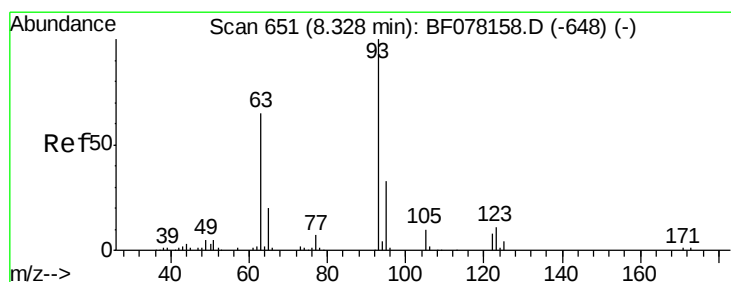
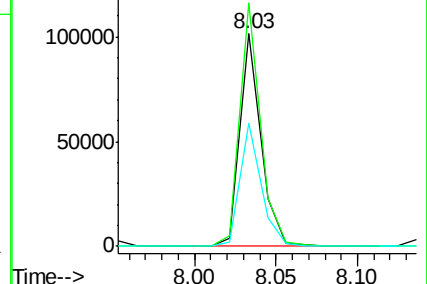
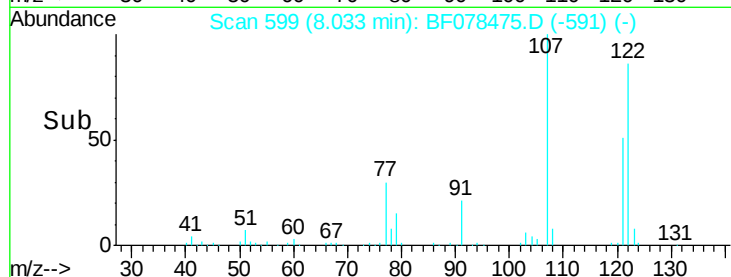
121 57.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.35 ng

RT: 8.15 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

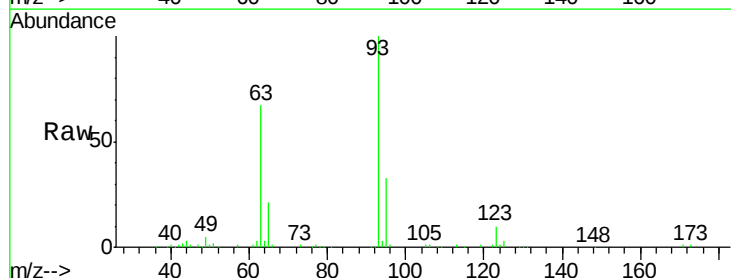
Tgt Ion: 93 Resp: 142522

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

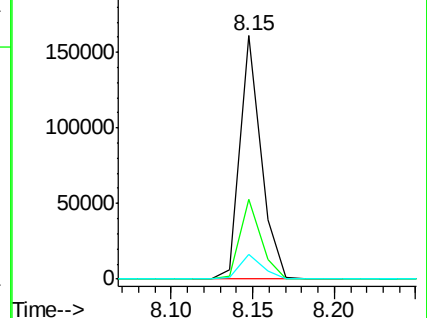
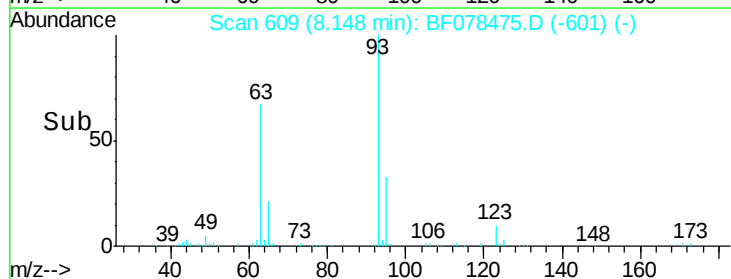
123 10.3 9.1 13.7

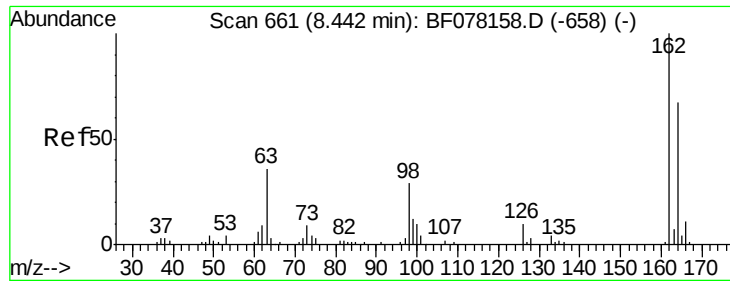


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

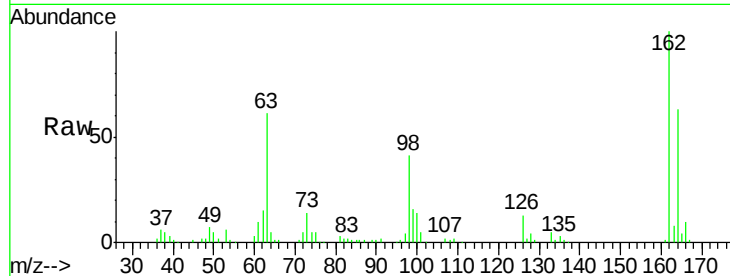




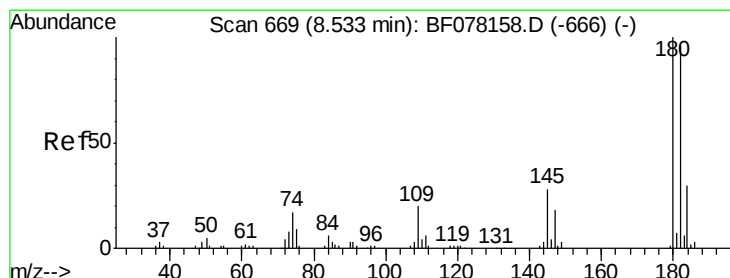
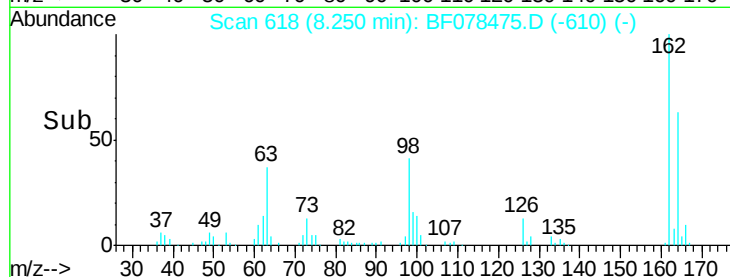
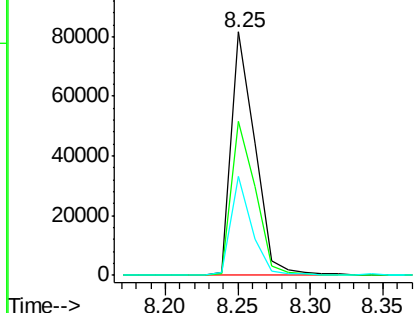
#29
 2,4-Dichlorophenol
 Concen: 39.82 ng
 RT: 8.25 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:162 Resp: 92803
 Ion Ratio Lower Upper
 162 100
 164 63.2 47.0 87.0
 98 40.9 9.2 49.2

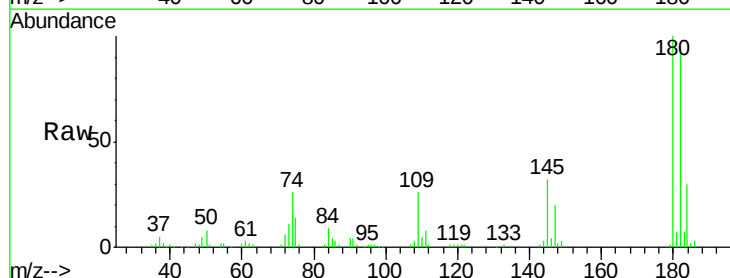


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

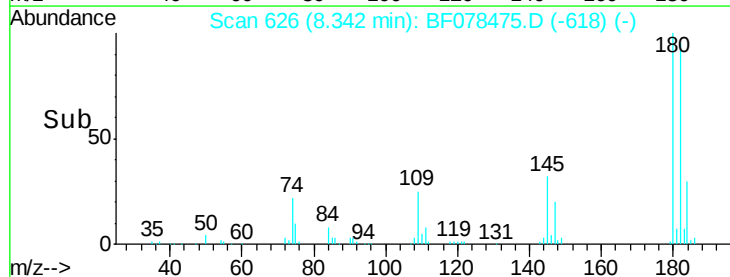
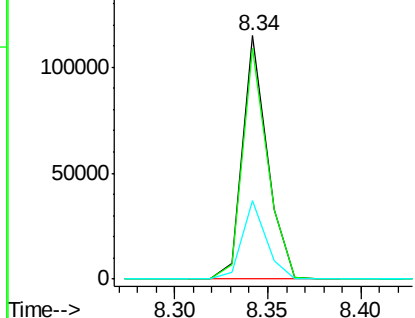


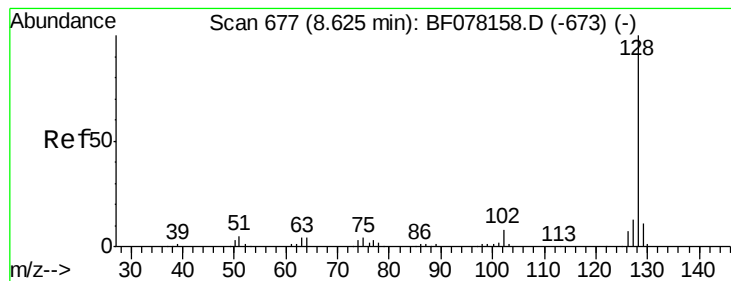
#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 8.34 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:180 Resp: 107097
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.9 115.3
 145 32.3 22.5 33.7



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: 54.08 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

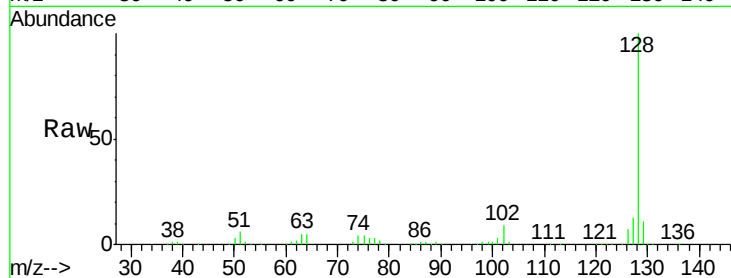
Tgt Ion:128 Resp: 471799

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

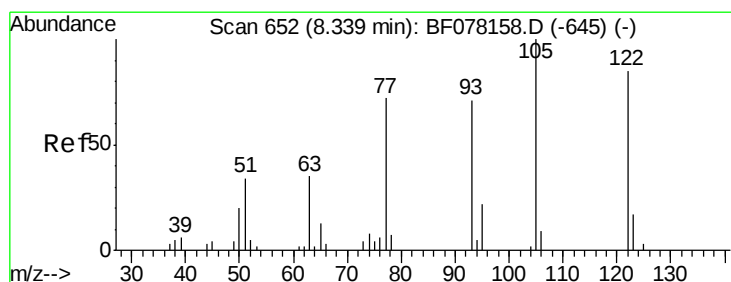
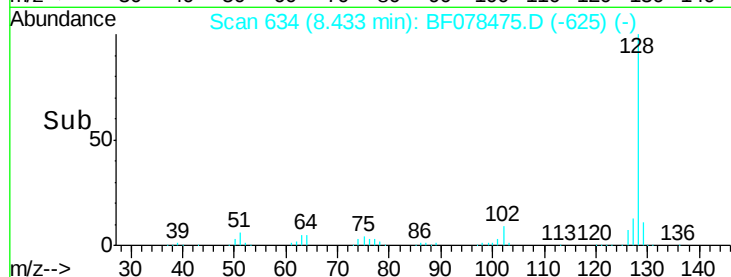
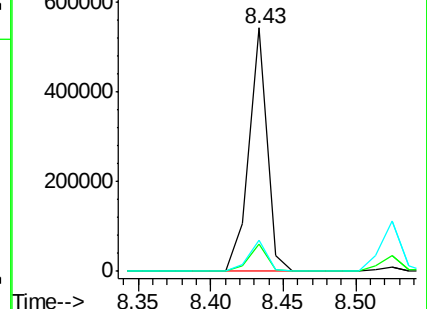
127 12.9 10.7 16.1



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: 9.98 ng

RT: 8.14 min Scan# 608

Delta R.T. -0.06 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

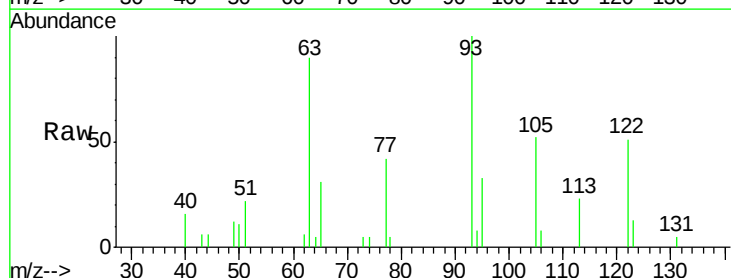
Tgt Ion:122 Resp: 5740

Ion Ratio Lower Upper

122 100

105 102.1 96.1 136.1

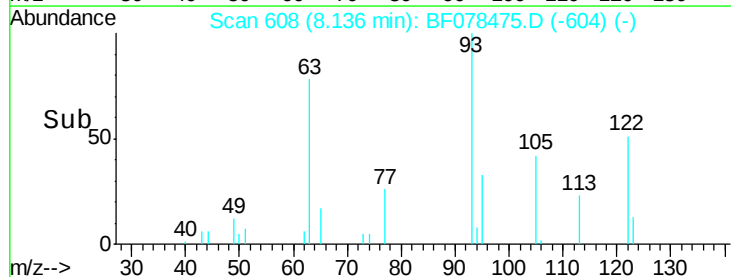
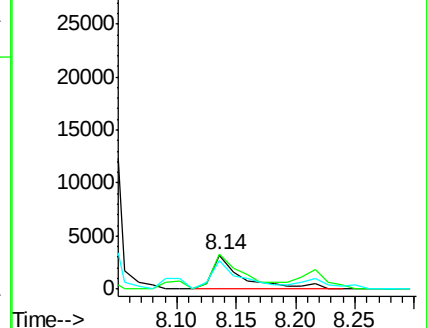
77 83.1 64.1 104.1



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

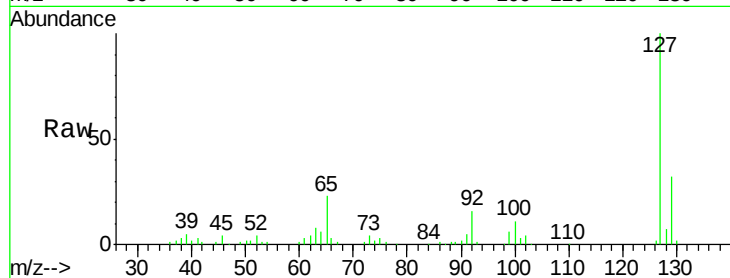




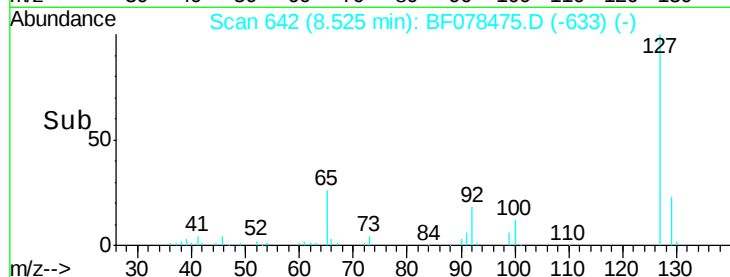
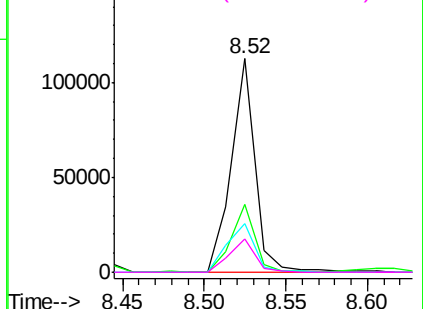
#33
4-Chloroaniline
Concen: 31.29 ng
RT: 8.52 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

Tgt Ion:	127	Resp:	113278
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	22.7	21.7	32.5
92	15.7	14.6	21.8

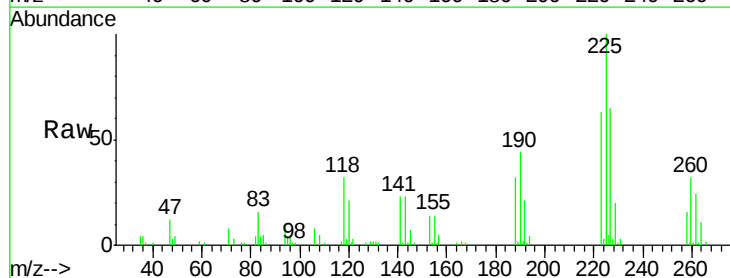


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

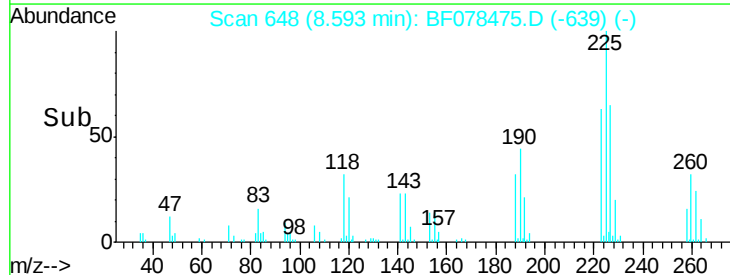
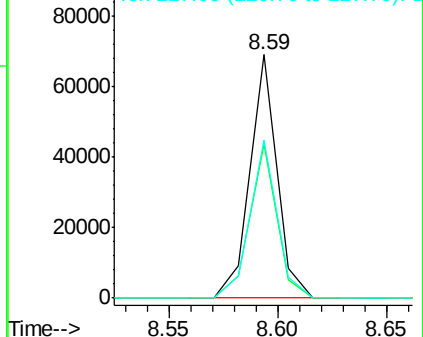


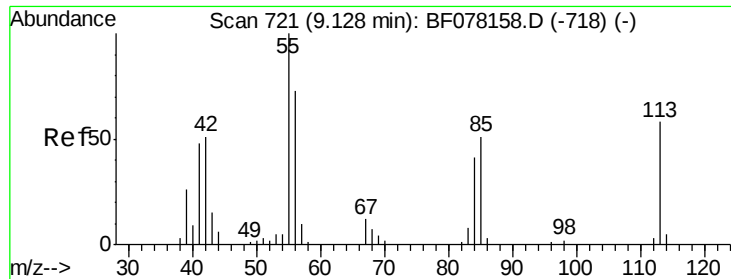
#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:	225	Resp:	59536
Ion	Ratio	Lower	Upper
225	100		
223	63.2	47.5	71.3
227	64.9	50.2	75.2



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

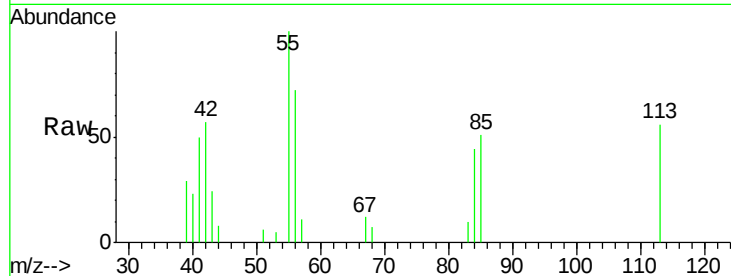




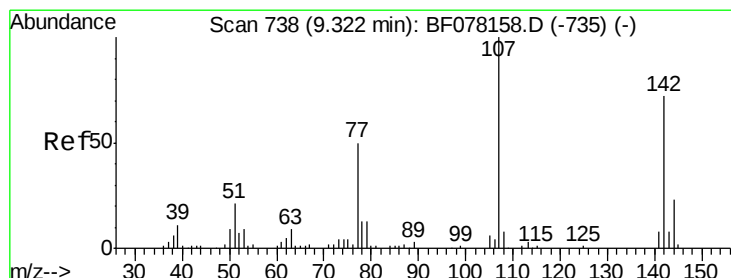
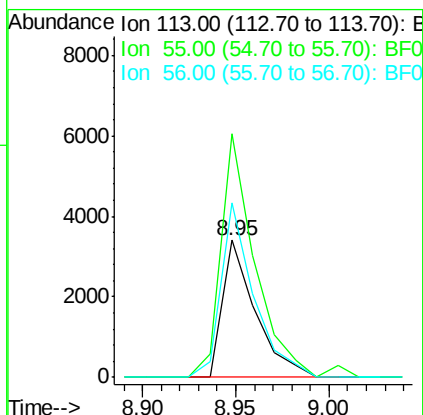
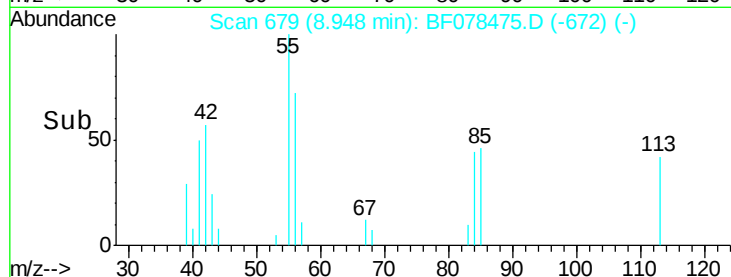
#35
 Caprolactam
 Concen: 6.01 ng
 RT: 8.95 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:113 Resp: 4179
 Ion Ratio Lower Upper
 113 100
 55 177.8 151.9 191.9
 56 127.5 106.1 146.1

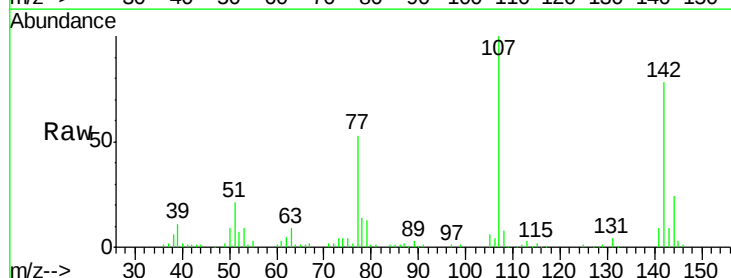


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

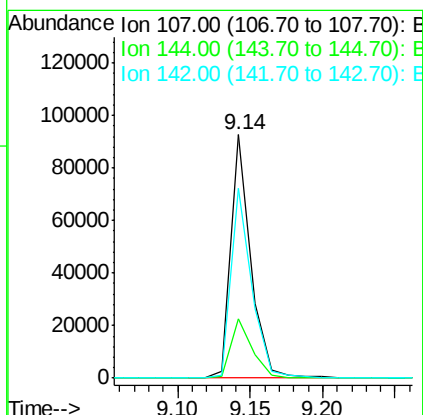
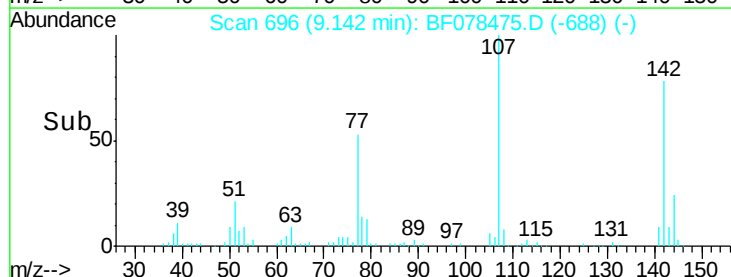


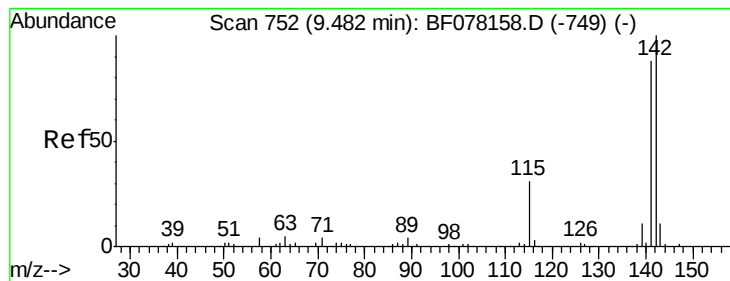
#36
 4-Chloro-3-methylphenol
 Concen: 37.75 ng
 RT: 9.14 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:107 Resp: 88765
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.2 27.2
 142 78.2 58.0 87.0



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

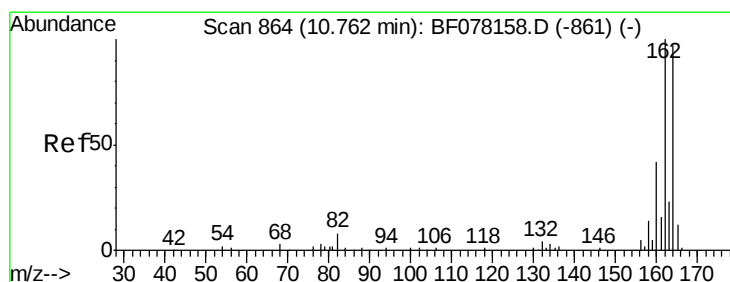
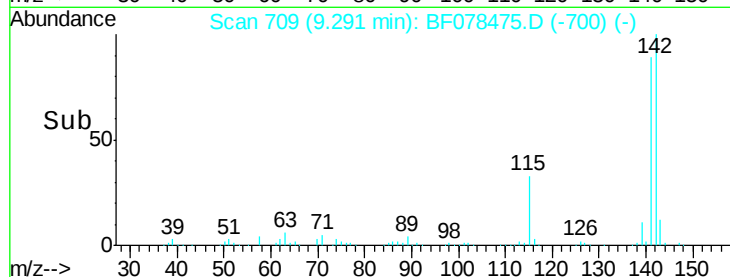
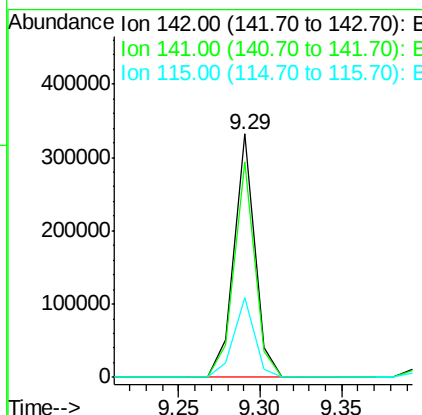
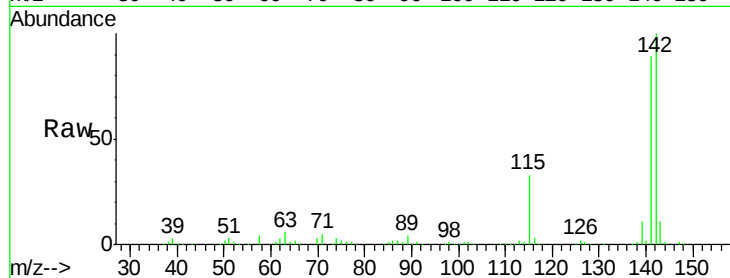




#37
 2-Methylnaphthalene
 Concen: 49.31 ng
 RT: 9.29 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

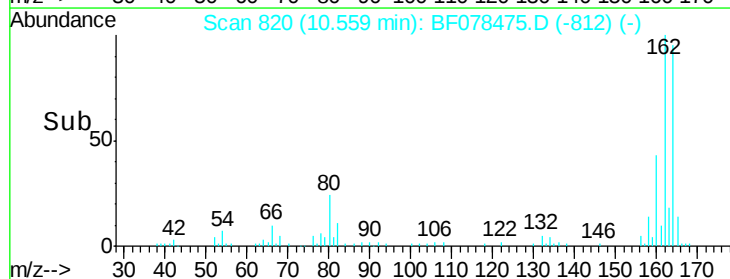
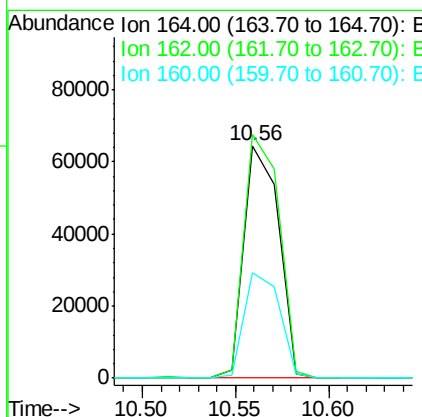
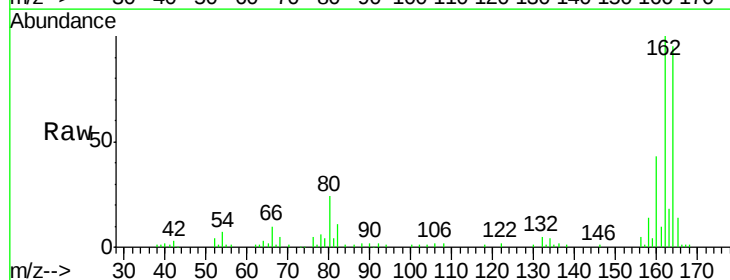
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

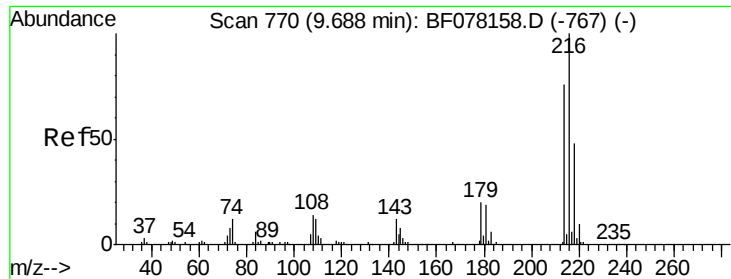
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	32.9	24.6	37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.2
160	45.4	34.7	52.1

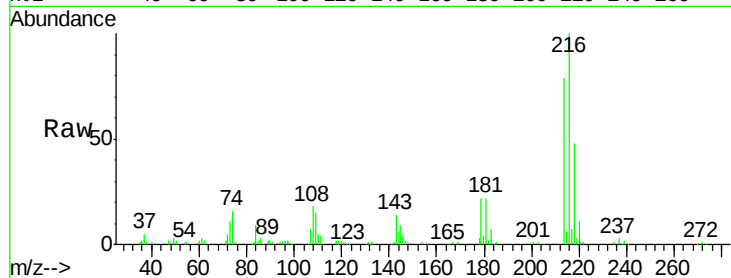




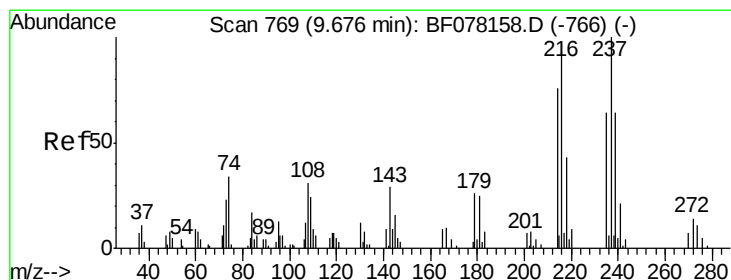
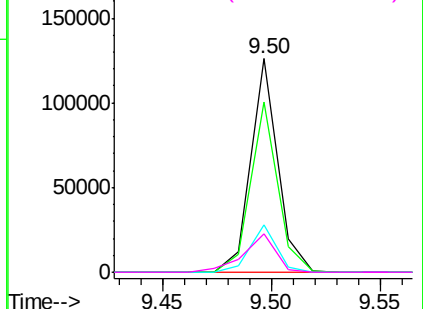
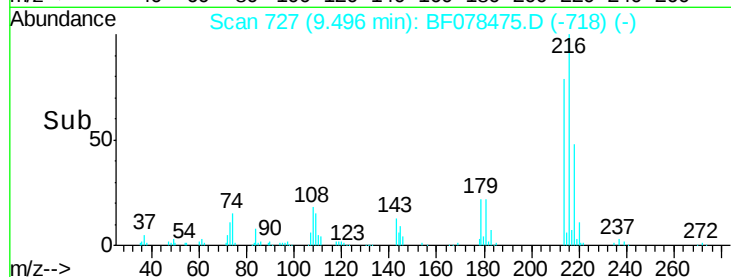
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.97 ng
 RT: 9.50 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:	216	Resp:	108578
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.0	93.0
179	22.2	17.3	25.9
108	21.0	14.6	21.8

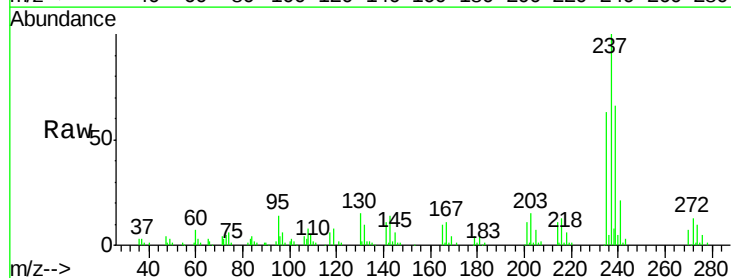


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

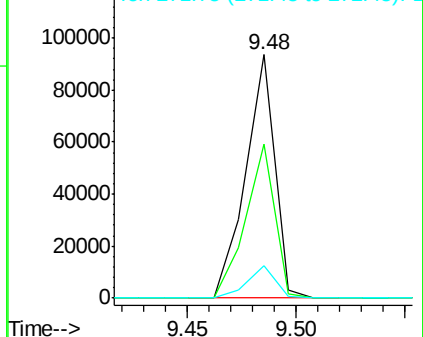
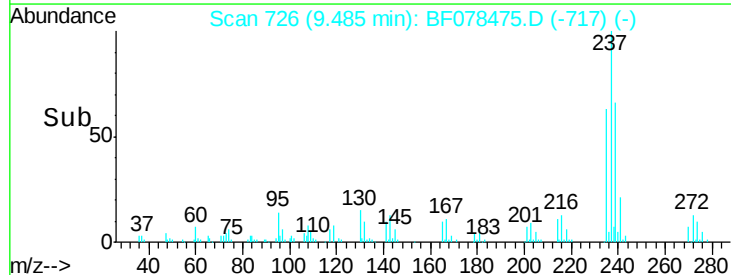


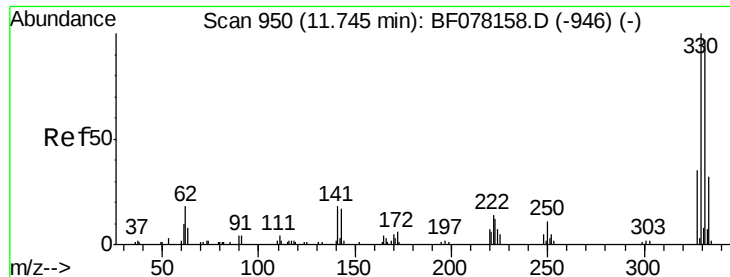
#40
 Hexachlorocyclopentadiene
 Concen: 78.36 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:	237	Resp:	87106
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.1	84.1
272	13.2	0.0	34.4



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

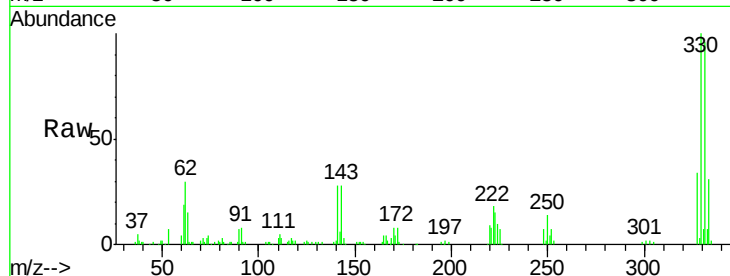




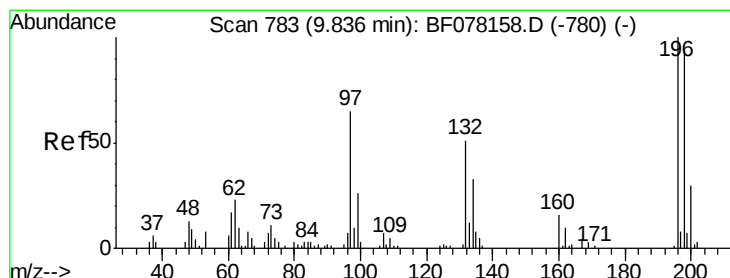
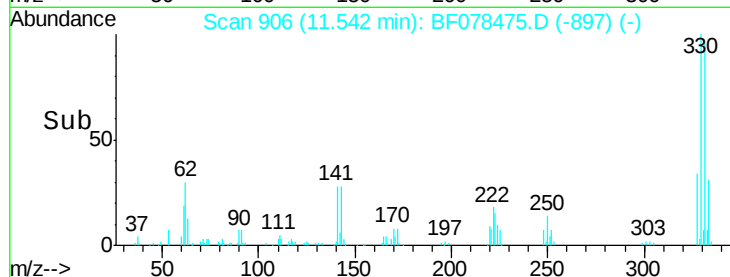
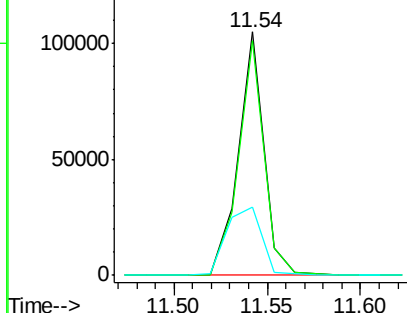
#41
 2,4,6-Tribromophenol
 Concen: 146.75 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:330 Resp: 101621
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.6 117.8
 141 39.0 31.2 46.8

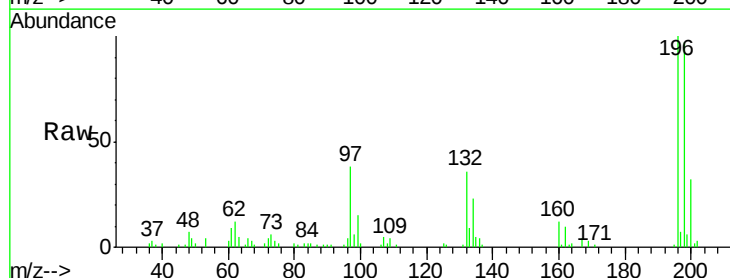


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

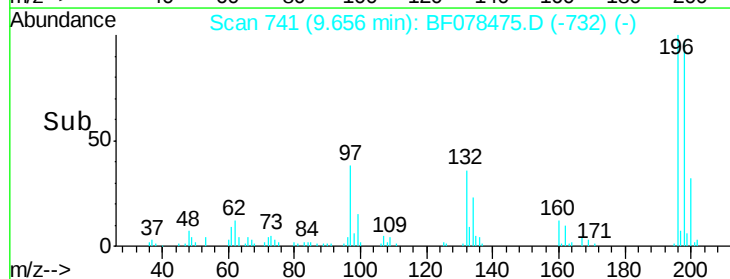
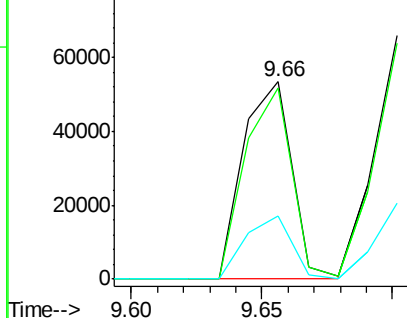


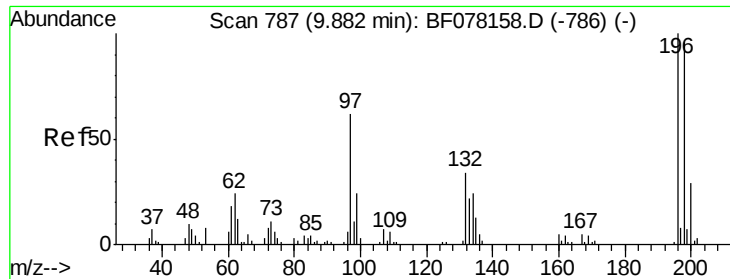
#42
 2,4,6-Trichlorophenol
 Concen: 42.28 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:196 Resp: 68987
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.4 113.2
 200 31.8 24.0 36.0



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

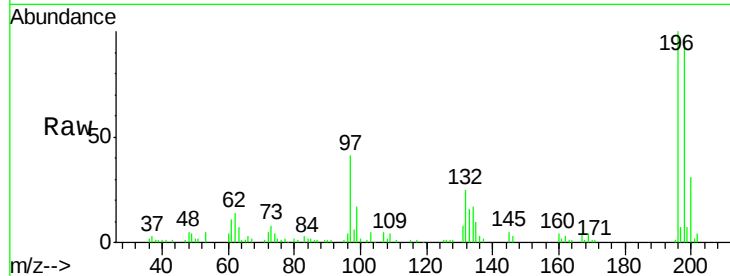




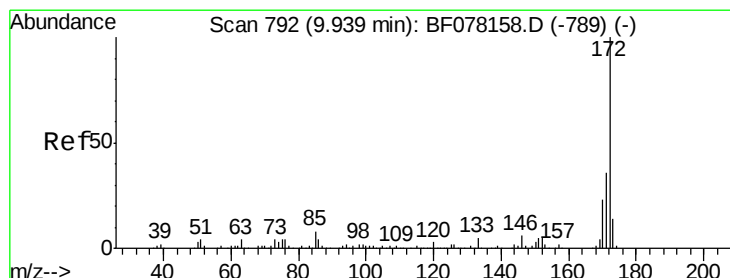
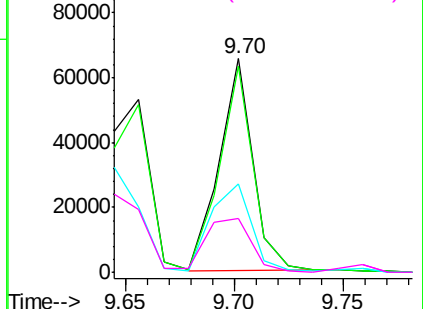
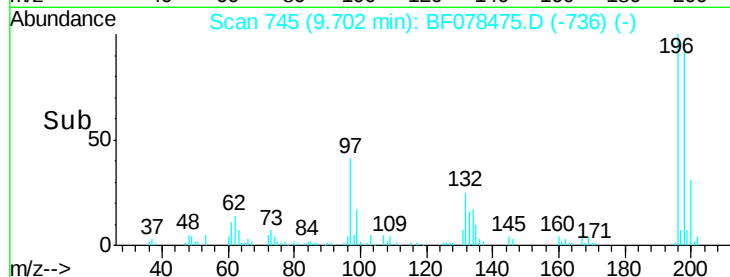
#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:196 Resp: 70596
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 97 41.2 50.6 75.8#
 132 25.4 27.7 41.5#

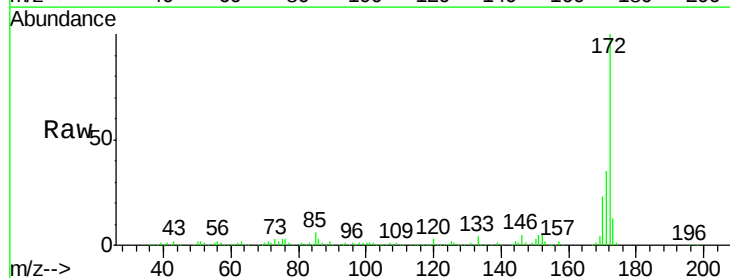


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

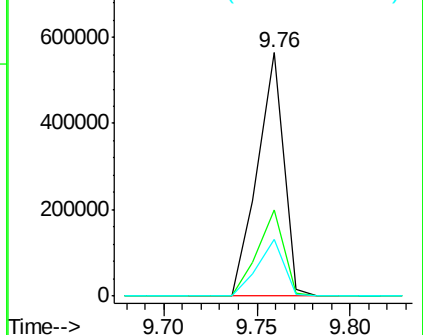
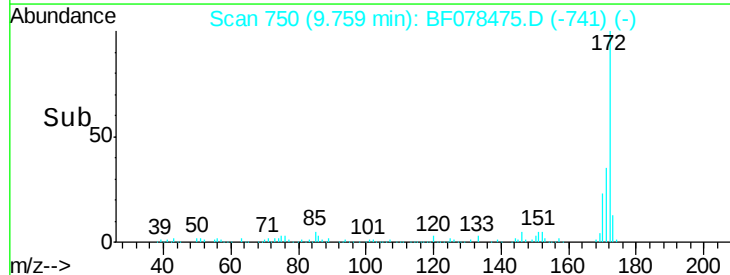


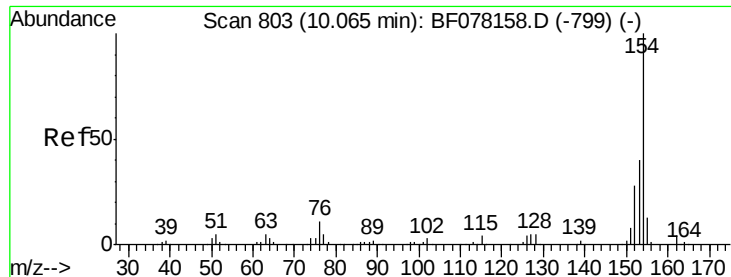
#44
 2-Fluorobiphenyl
 Concen: 94.47 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:172 Resp: 551813
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.5 18.5 27.7



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

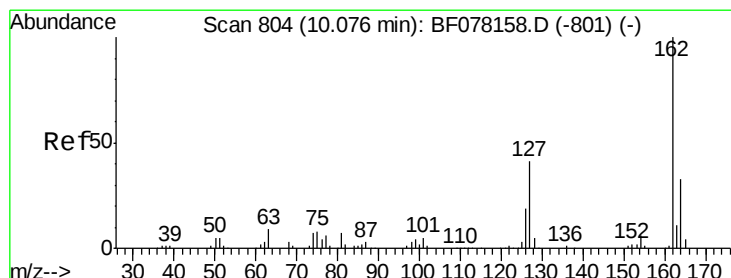
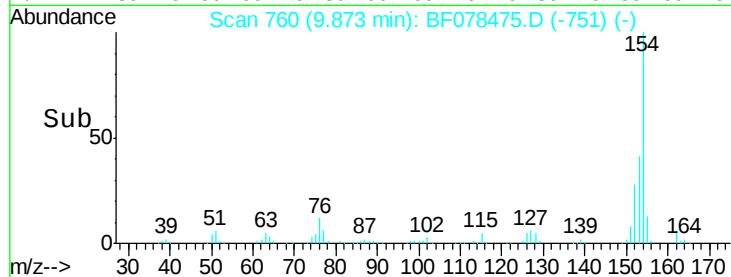
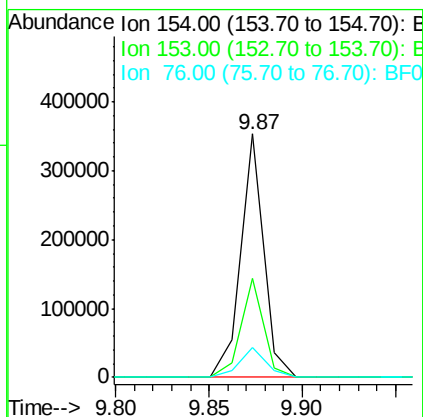
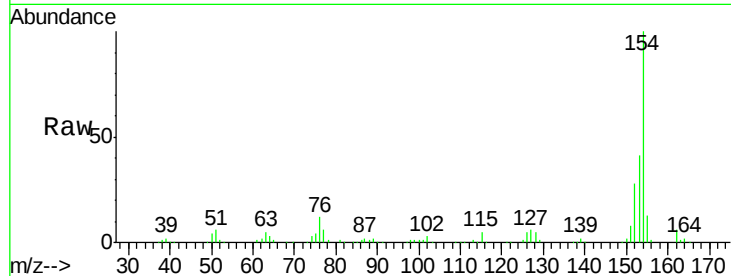




#45
 1,1'-Biphenyl
 Concen: 44.69 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

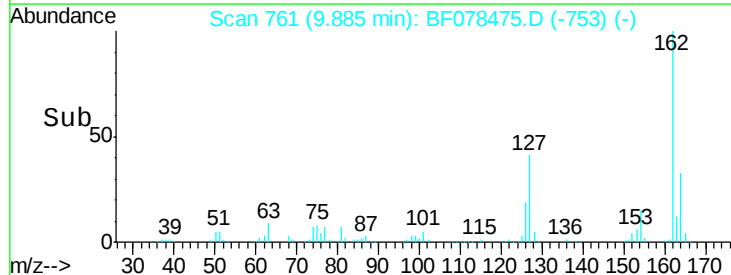
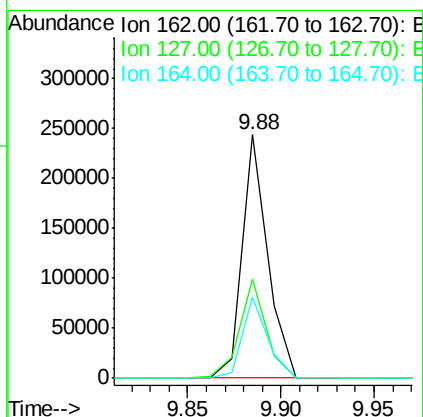
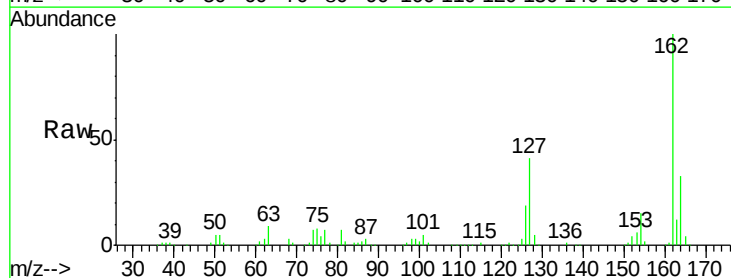
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:154 Resp: 305240
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.0 60.0
 76 12.3 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 43.05 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:162 Resp: 231304
 Ion Ratio Lower Upper
 162 100
 127 40.6 32.6 49.0
 164 33.3 26.0 39.0

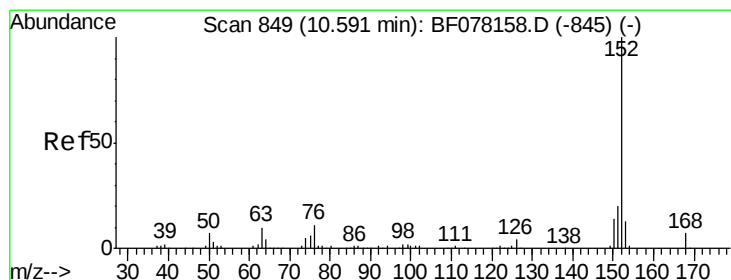
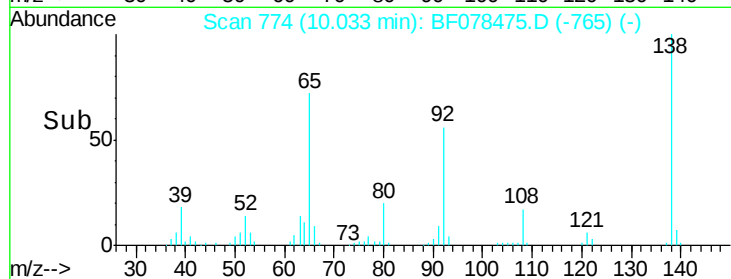
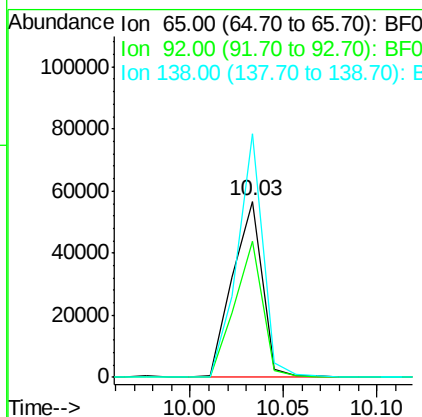
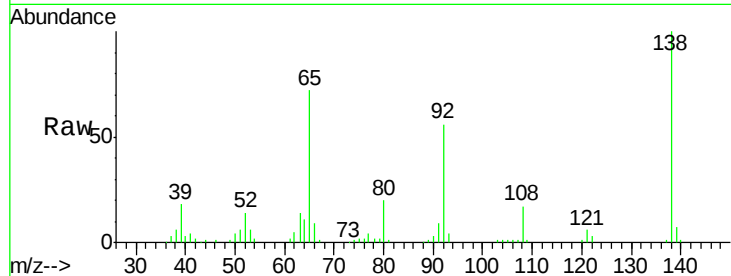




#47
2-Nitroaniline
Concen: 48.05 ng
RT: 10.03 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

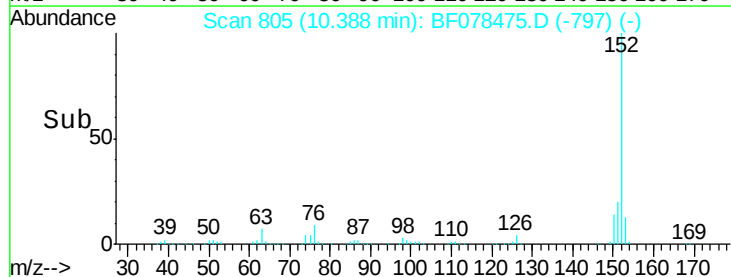
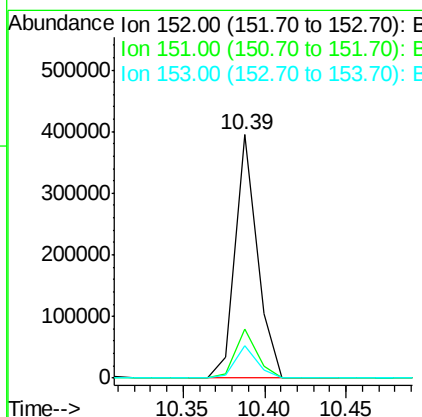
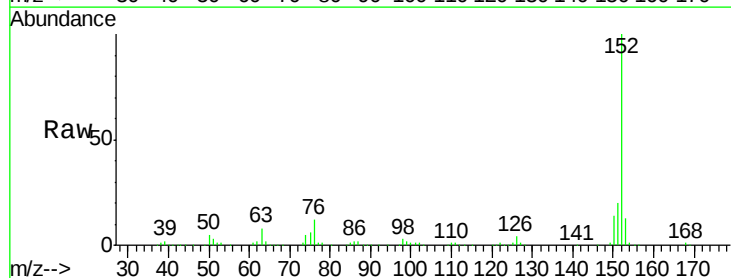
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

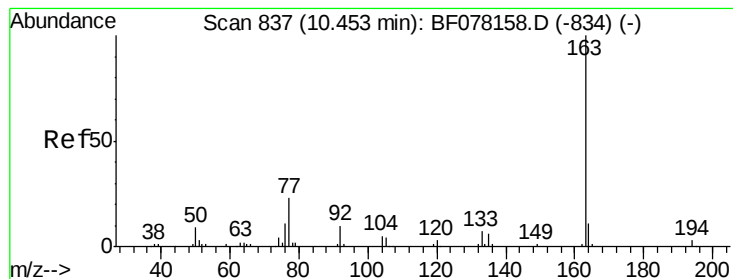
Tgt Ion: 65 Resp: 63880
Ion Ratio Lower Upper
65 100
92 77.2 51.3 76.9#
138 138.5 70.4 105.6#



#48
Acenaphthylene
Concen: 42.34 ng
RT: 10.39 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion: 152 Resp: 367408
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.3 10.2 15.2





#49

Dimethylphthalate

Concen: 43.44 ng

RT: 10.27 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

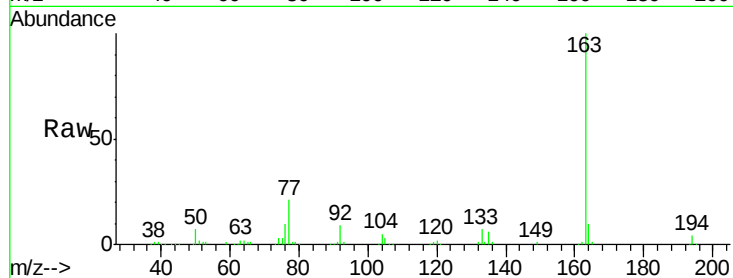
Tgt Ion:163 Resp: 272484

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

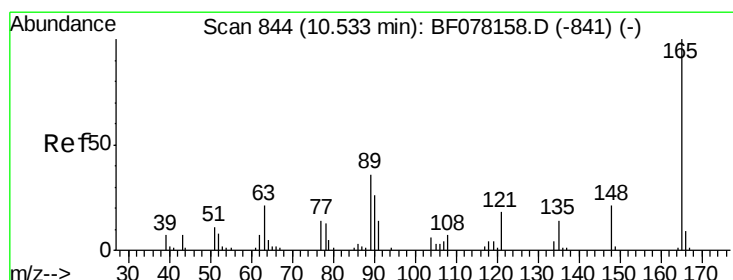
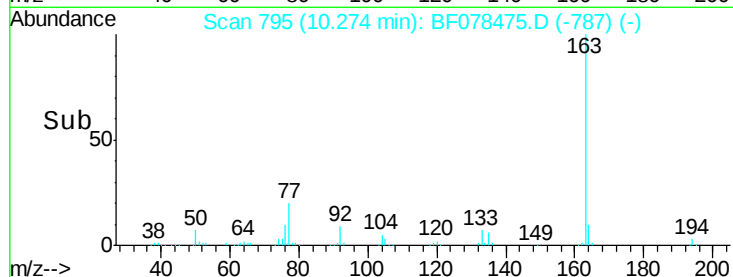
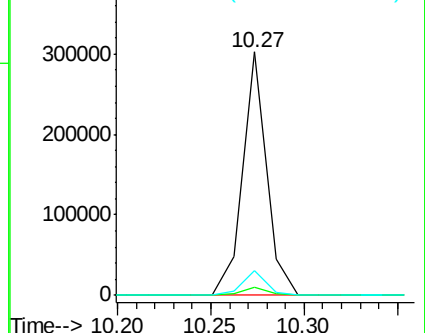
164 10.1 8.6 13.0



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: 46.74 ng

RT: 10.34 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

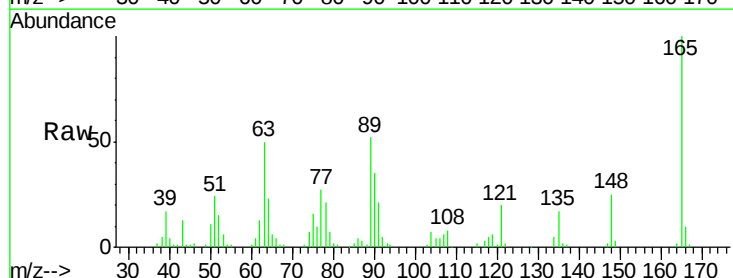
Tgt Ion:165 Resp: 60319

Ion Ratio Lower Upper

165 100

63 50.0 24.1 36.1#

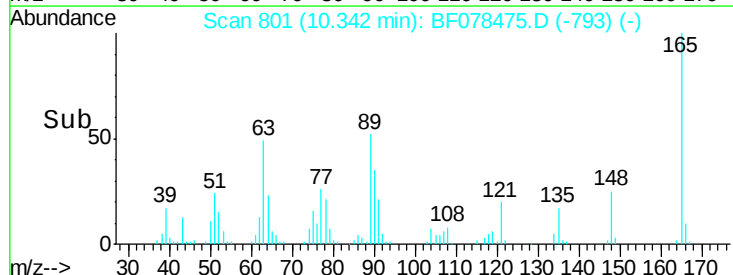
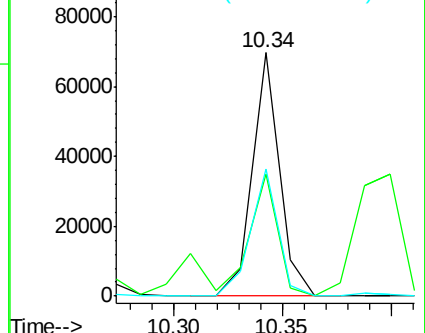
89 52.1 28.9 43.3#

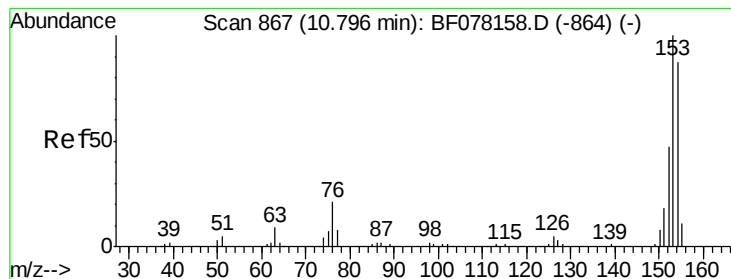


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.28 ng

RT: 10.60 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

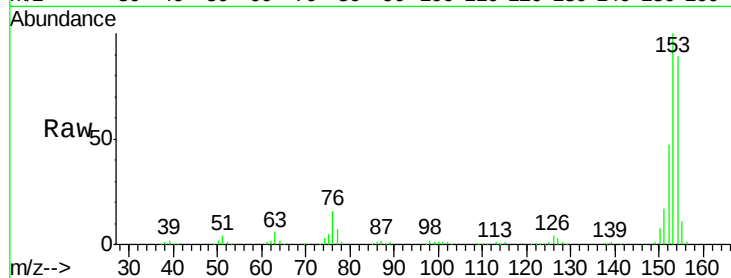
Tgt Ion:154 Resp: 221209

Ion Ratio Lower Upper

154 100

153 112.3 91.4 137.2

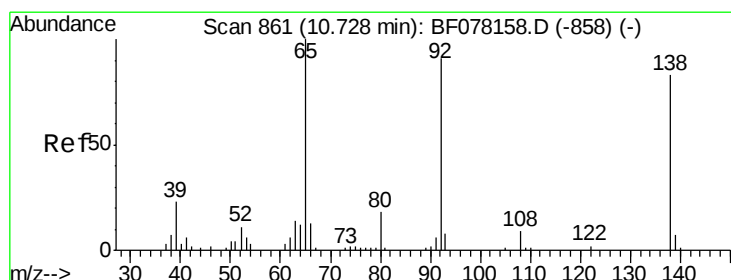
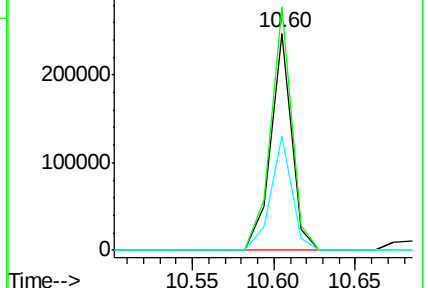
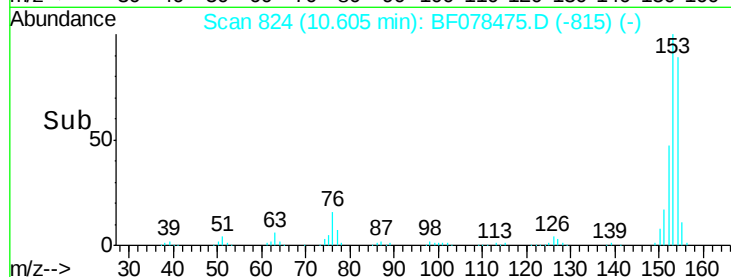
152 53.1 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.46 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

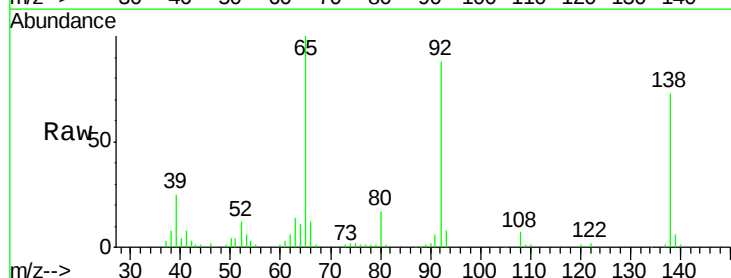
Tgt Ion:138 Resp: 53499

Ion Ratio Lower Upper

138 100

108 10.0 8.2 12.4

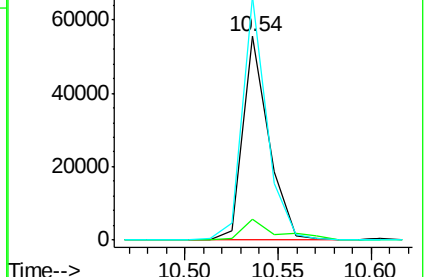
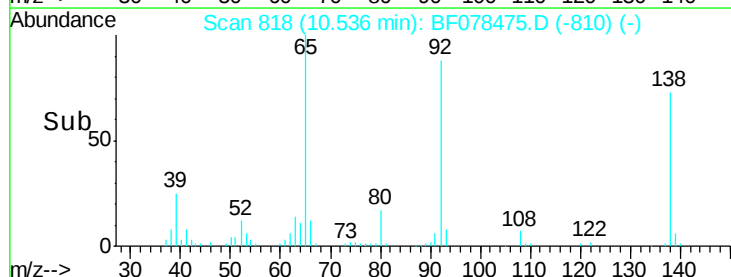
92 119.4 88.4 132.6

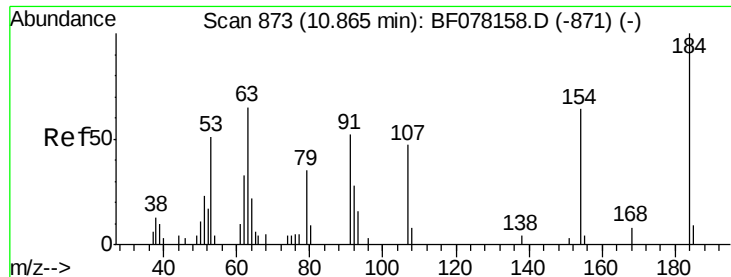


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

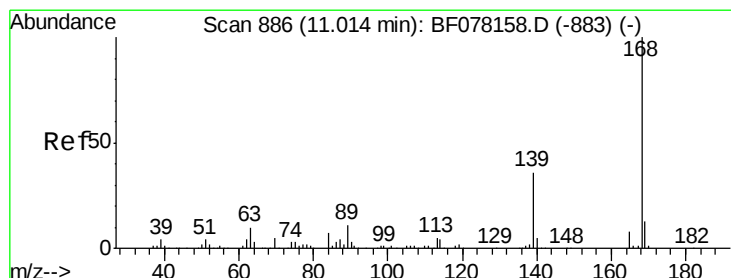
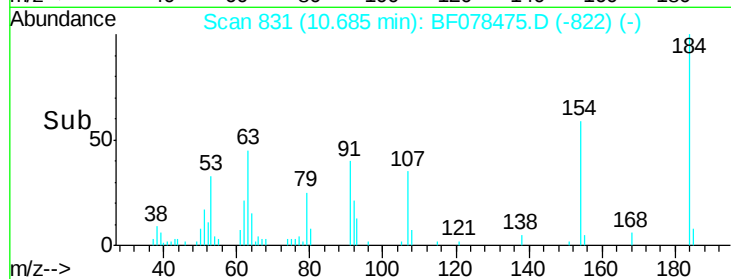
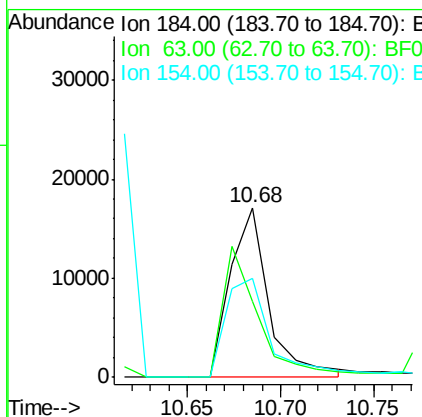
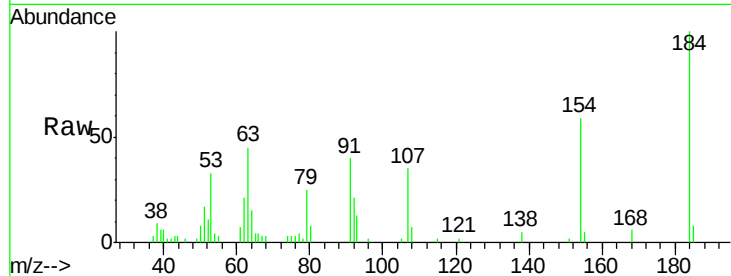




#53
 2,4-Dinitrophenol
 Concen: 57.93 ng
 RT: 10.68 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

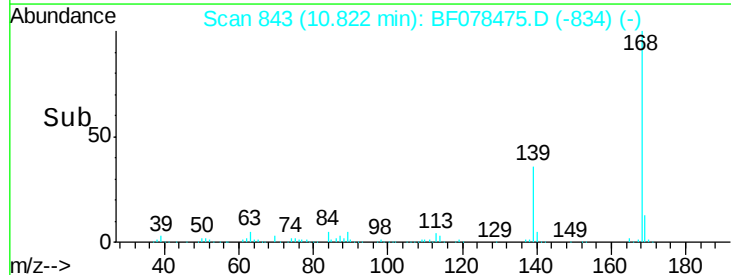
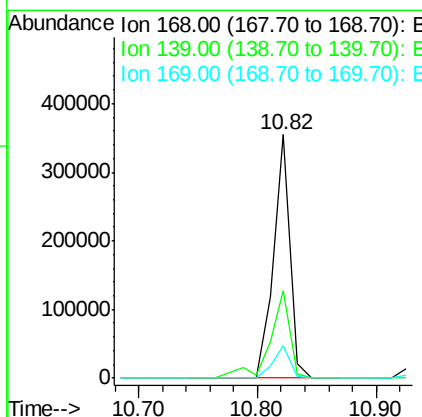
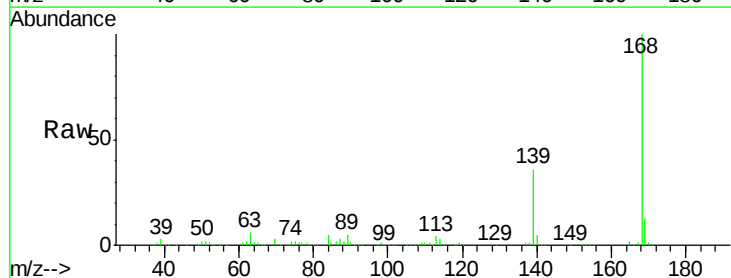
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

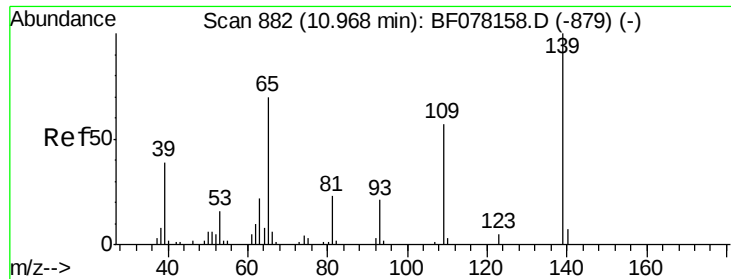
Tgt Ion:184 Resp: 24876
 Ion Ratio Lower Upper
 184 100
 63 45.1 51.9 77.9#
 154 58.7 51.0 76.4



#54
 Dibenzofuran
 Concen: 45.76 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:168 Resp: 341430
 Ion Ratio Lower Upper
 168 100
 139 36.2 31.0 46.4
 169 13.1 10.7 16.1

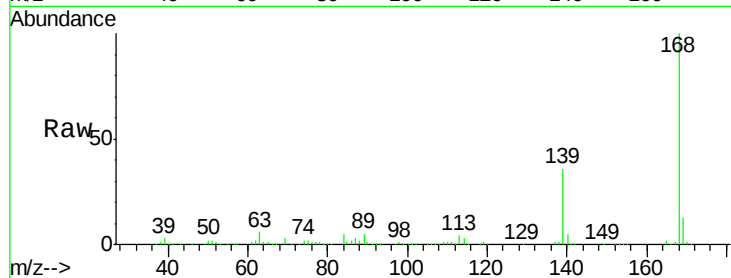




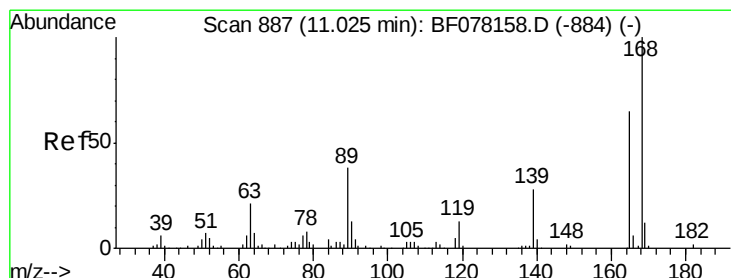
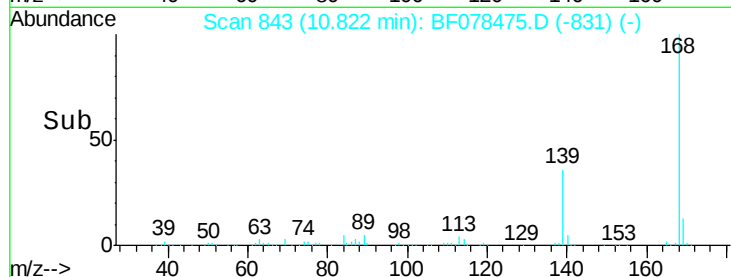
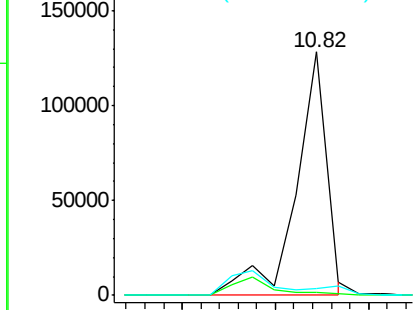
#55
4-Nitrophenol
Concen: 135.57 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.03 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

Tgt Ion:139 Resp: 148644
Ion Ratio Lower Upper
139 100
109 1.4 36.7 76.7#
65 2.7 49.9 89.9#



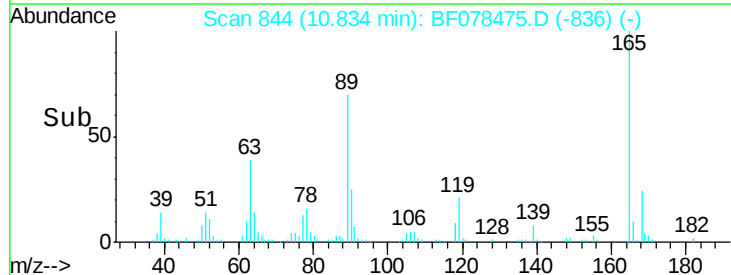
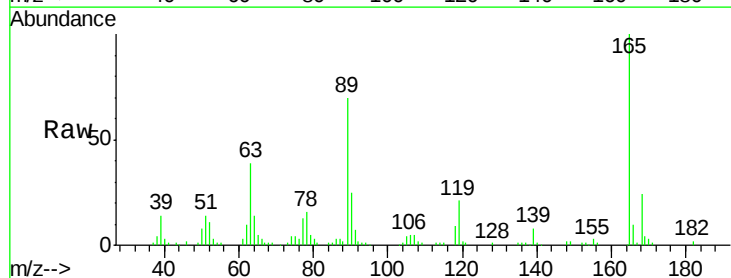
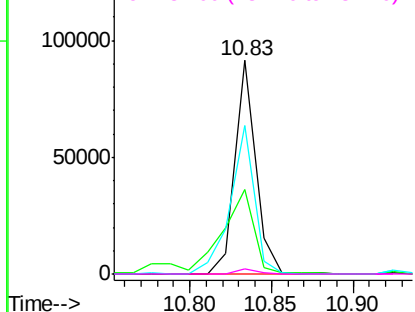
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

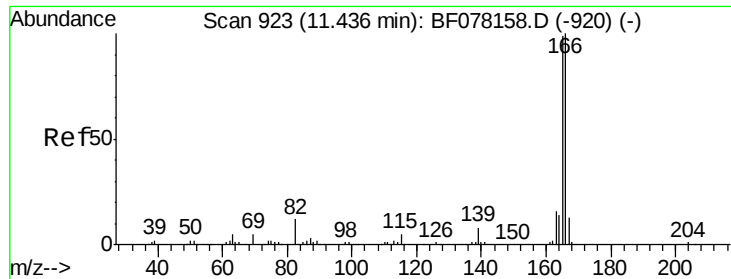


#56
2,4-Dinitrotoluene
Concen: 47.68 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:165 Resp: 79690
Ion Ratio Lower Upper
165 100
63 39.4 26.5 39.7
89 69.5 46.4 69.6
182 2.3 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.54 ng

RT: 11.25 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

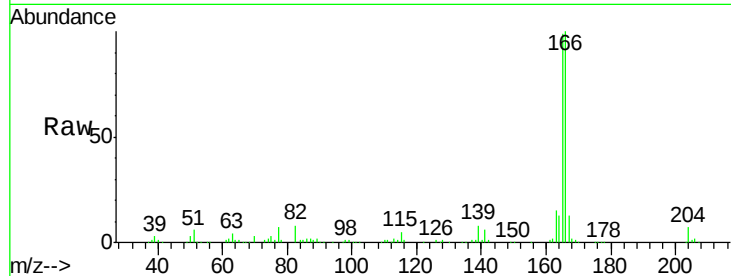
Tgt Ion:166 Resp: 281465

Ion Ratio Lower Upper

166 100

165 99.2 78.9 118.3

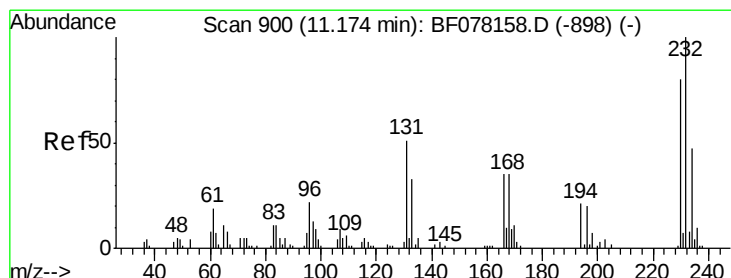
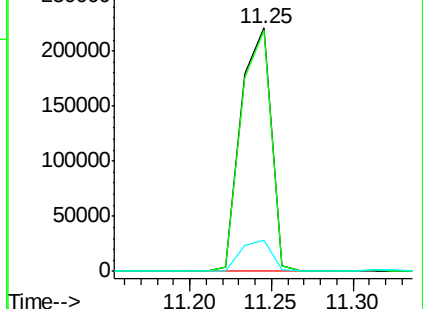
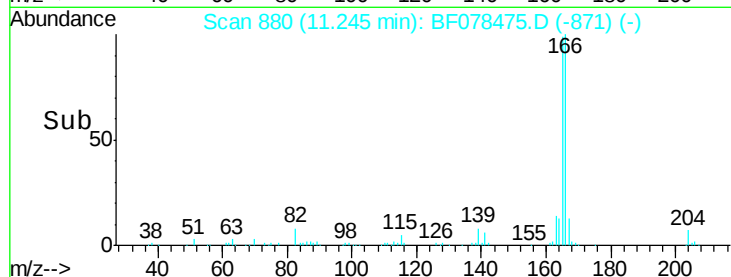
167 12.9 10.7 16.1



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: 43.90 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Tgt Ion:232 Resp: 55478

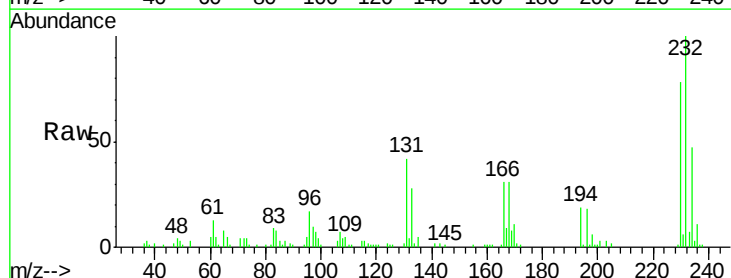
Ion Ratio Lower Upper

232 100

131 47.5 37.8 56.8

130 2.3 1.5 2.3#

166 33.9 25.8 38.6

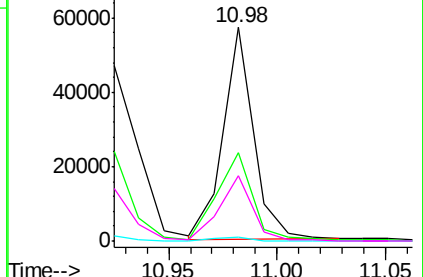
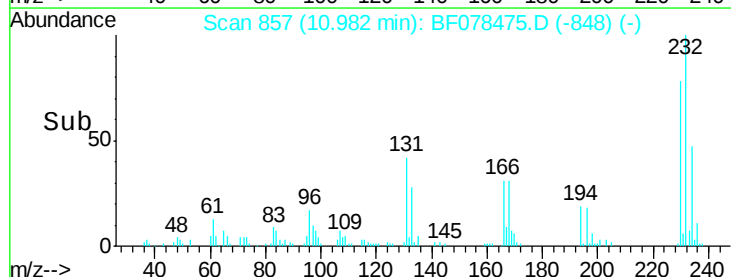


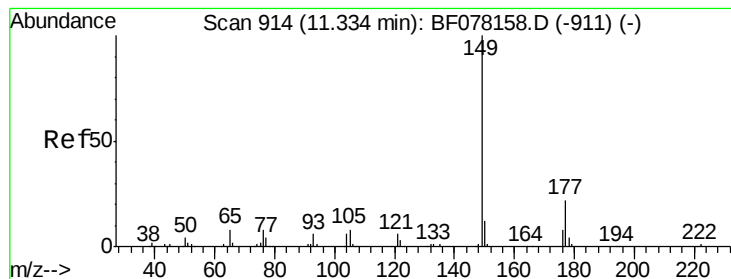
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.91 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

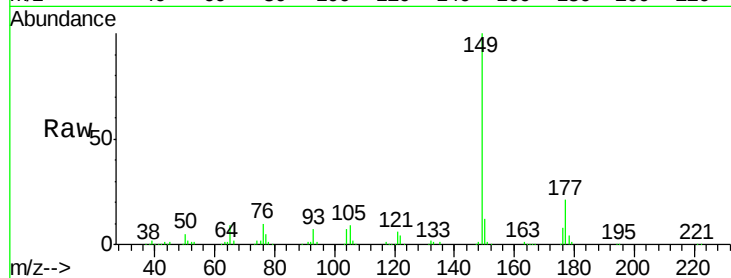
Tgt Ion:149 Resp: 277650

Ion Ratio Lower Upper

149 100

177 20.6 17.4 26.2

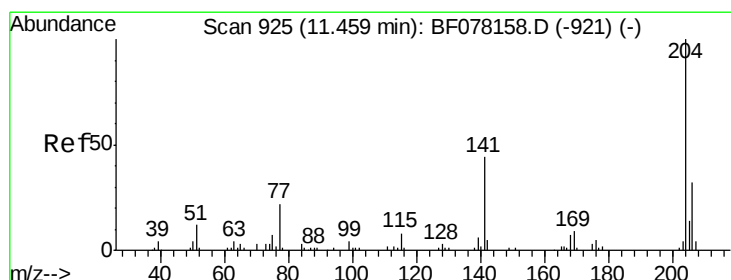
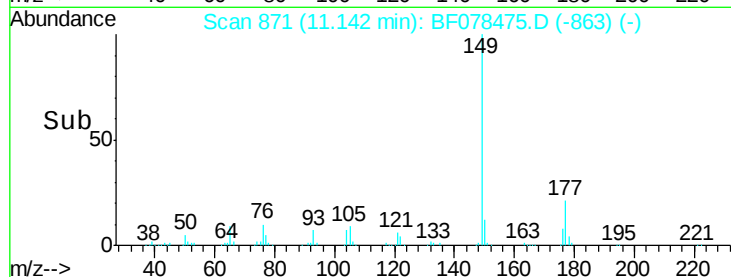
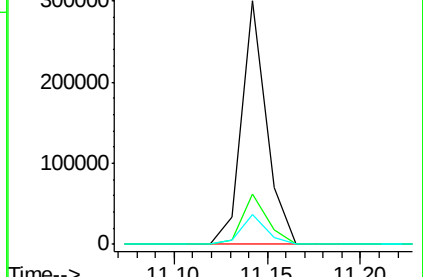
150 12.4 9.4 14.2



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: 46.66 ng

RT: 11.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

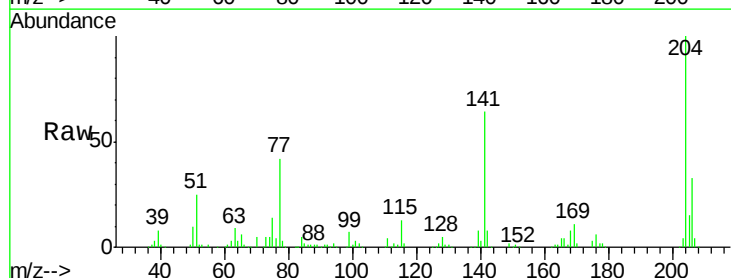
Tgt Ion:204 Resp: 129830

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

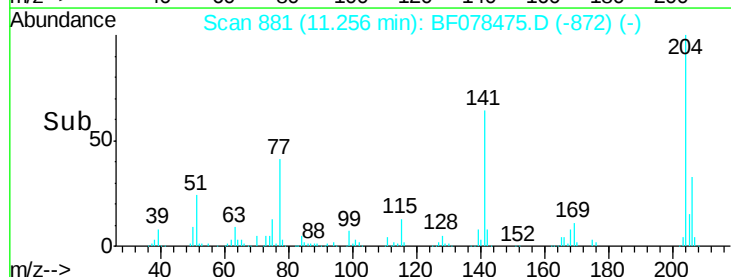
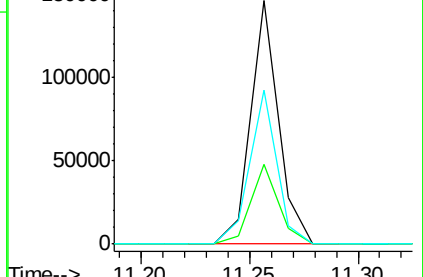
141 63.5 35.4 53.0#

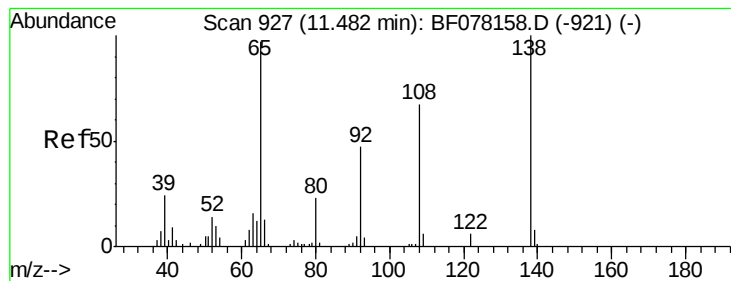


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.49 ng

RT: 11.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

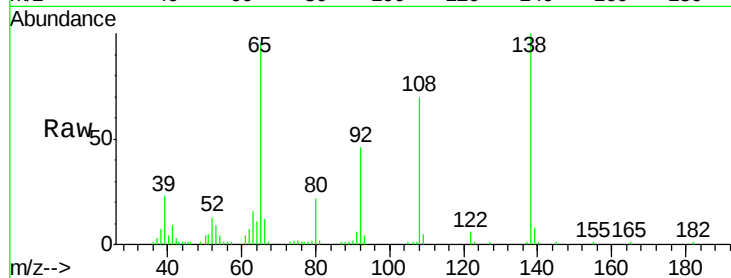
Tgt Ion:138 Resp: 63027

Ion Ratio Lower Upper

138 100

92 46.3 27.3 67.3

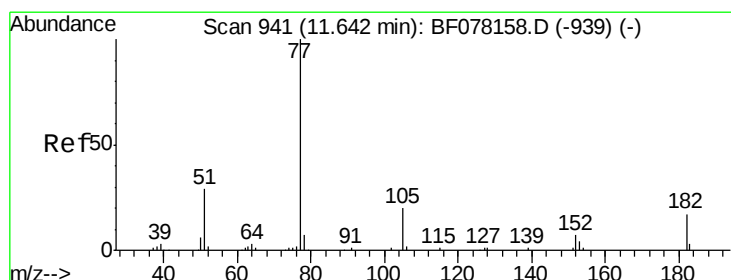
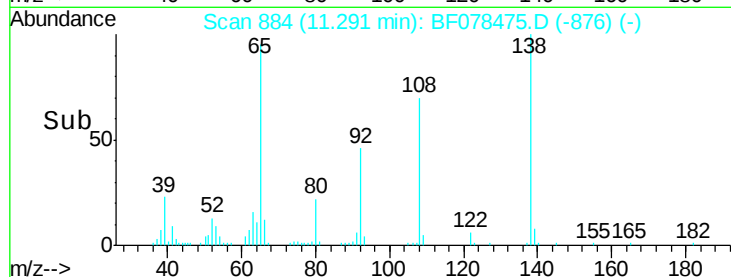
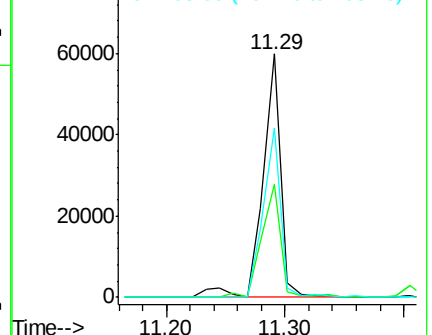
108 69.8 47.2 87.2



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: 53.34 ng

RT: 11.45 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Tgt Ion: 77 Resp: 294424

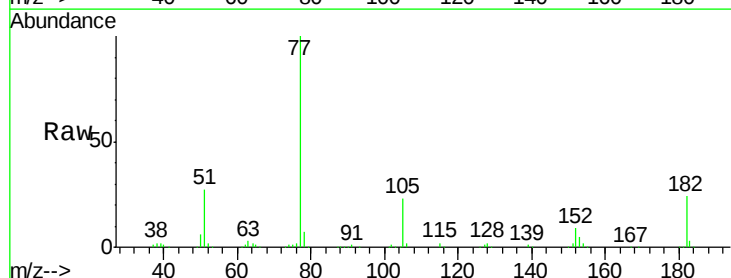
Ion Ratio Lower Upper

77 100

182 23.9 0.0 36.8

105 22.6 0.3 40.3

51 27.4 9.1 49.1

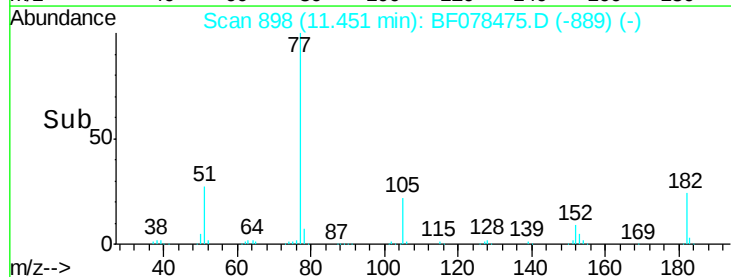
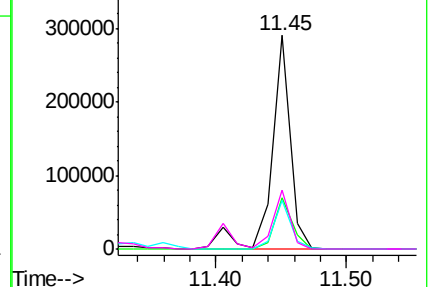


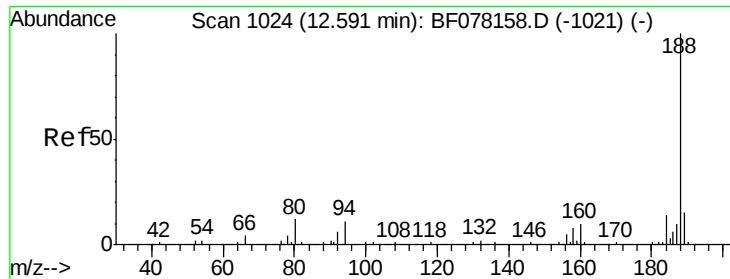
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

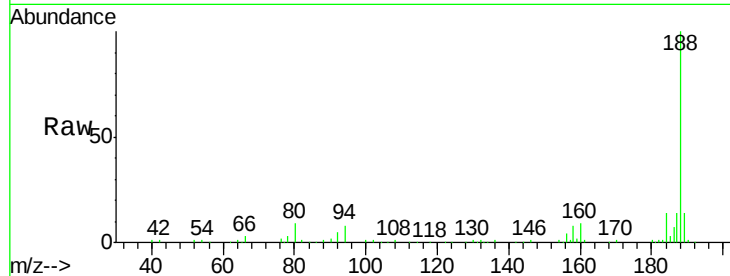




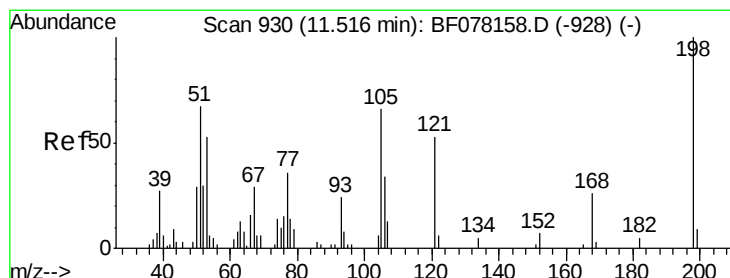
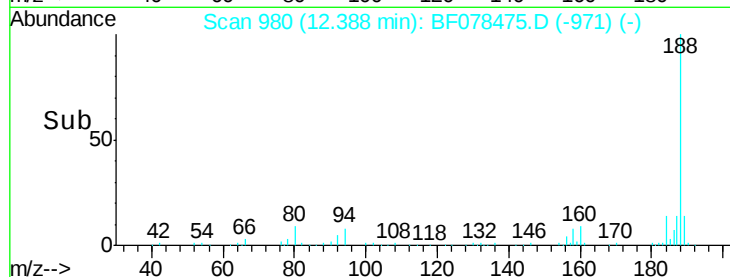
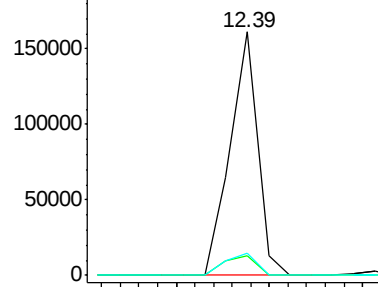
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:188 Resp: 164561
 Ion Ratio Lower Upper
 188 100
 94 7.9 9.0 13.4#
 80 9.0 9.5 14.3#

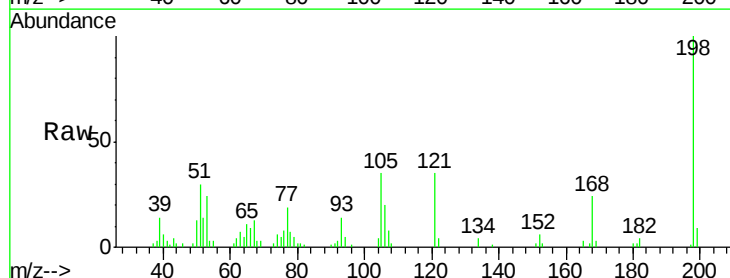


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

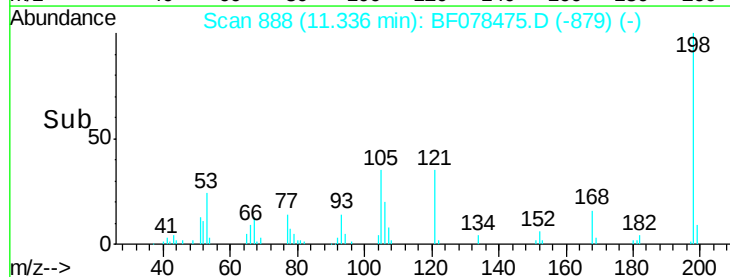
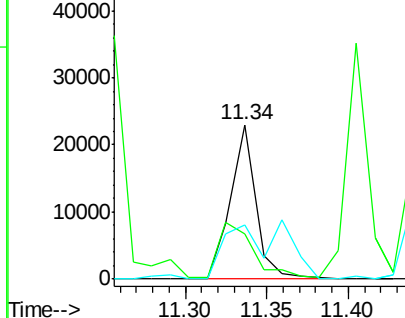


#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.76 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:198 Resp: 25055
 Ion Ratio Lower Upper
 198 100
 51 29.6 48.6 88.6#
 105 35.0 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

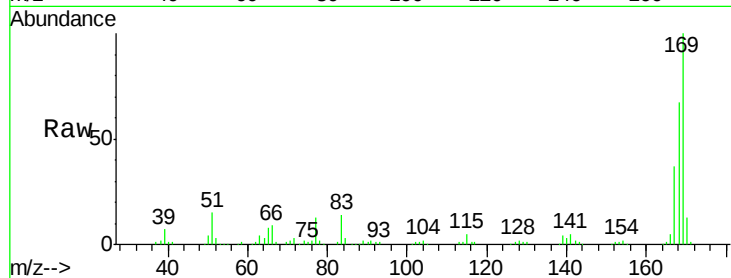




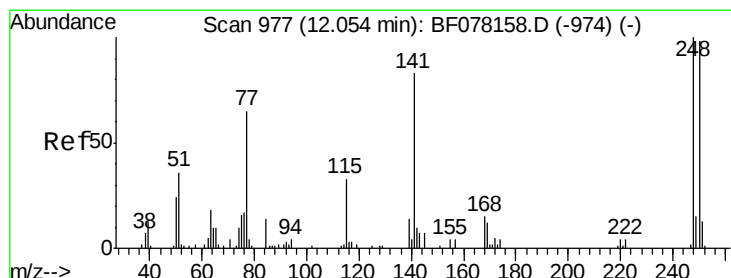
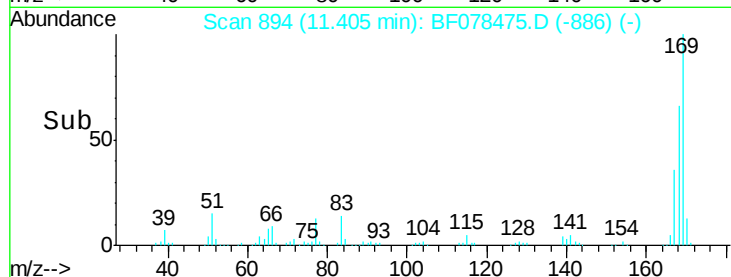
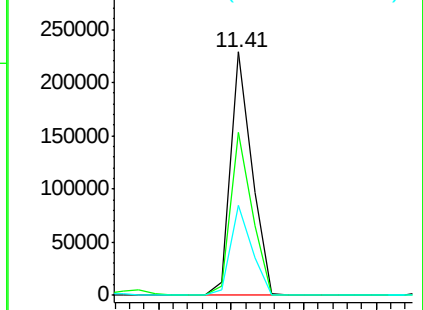
#65
 n-Nitrosodiphenylamine
 Concen: 41.05 ng
 RT: 11.41 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:169 Resp: 233651
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.0 82.4
 167 36.8 29.3 43.9

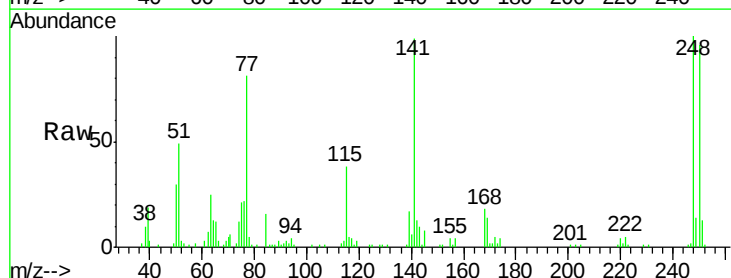


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

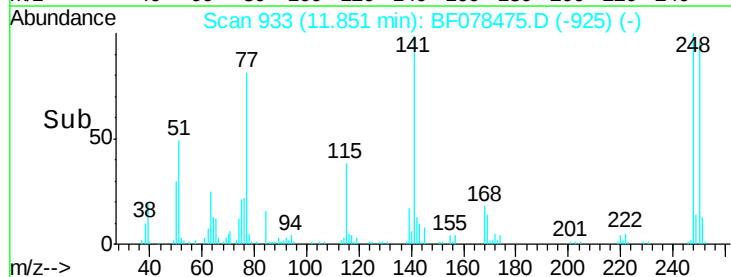
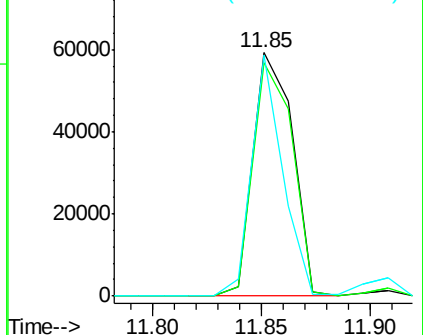


#66
 4-Bromophenyl-phenylether
 Concen: 43.35 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:248 Resp: 75548
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.2 117.2
 141 99.2 66.4 99.6



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

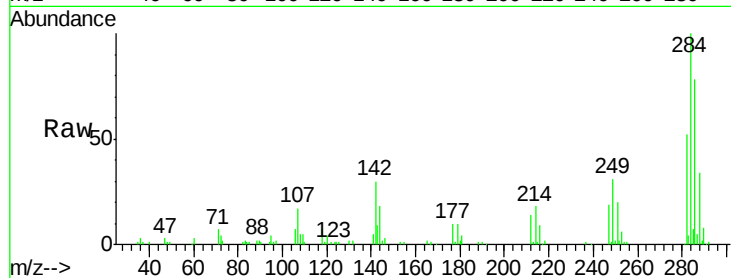




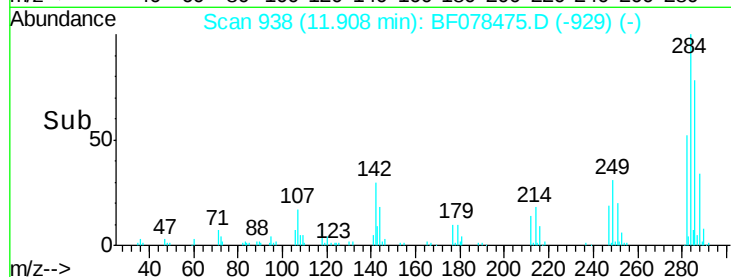
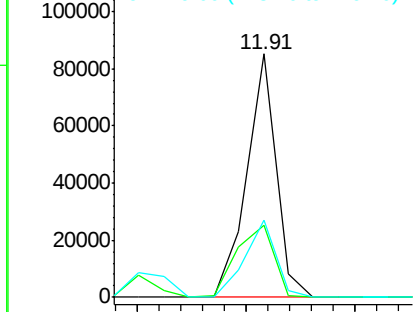
#67
Hexachlorobenzene
Concen: 41.78 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

Tgt Ion:284 Resp: 79786
Ion Ratio Lower Upper
284 100
142 29.9 24.5 36.7
249 31.5 24.8 37.2

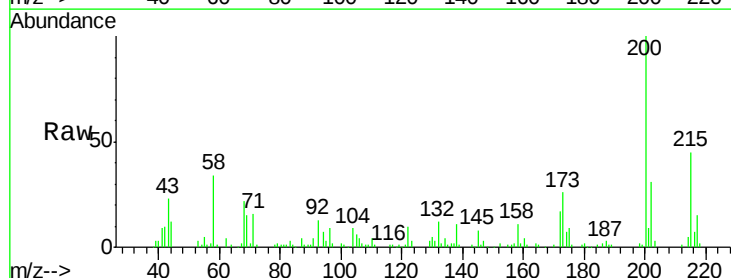


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

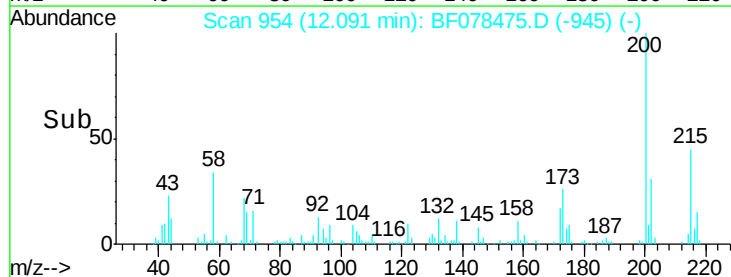
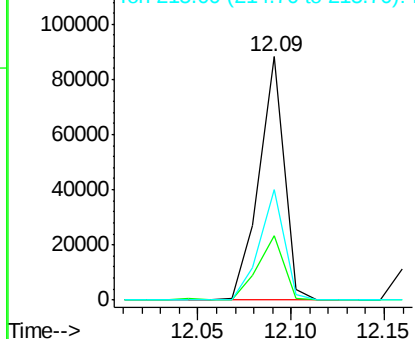


#68
Atrazine
Concen: 49.80 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:200 Resp: 82097
Ion Ratio Lower Upper
200 100
173 26.3 6.9 46.9
215 45.2 27.1 67.1



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

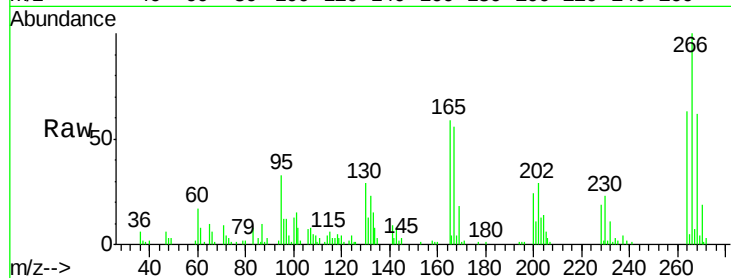




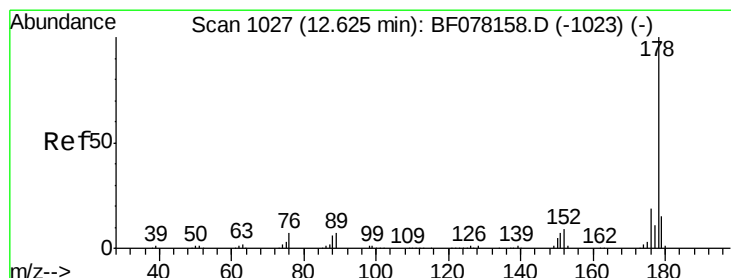
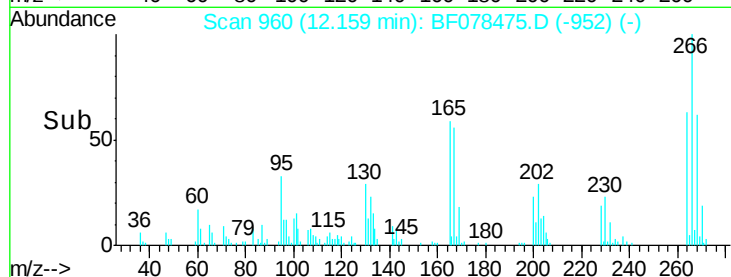
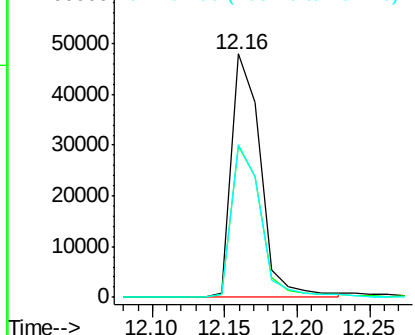
#69
 Pentachlorophenol
 Concen: 79.31 ng
 RT: 12.16 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:266 Resp: 67105
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.1 75.1
 264 62.9 50.0 75.0

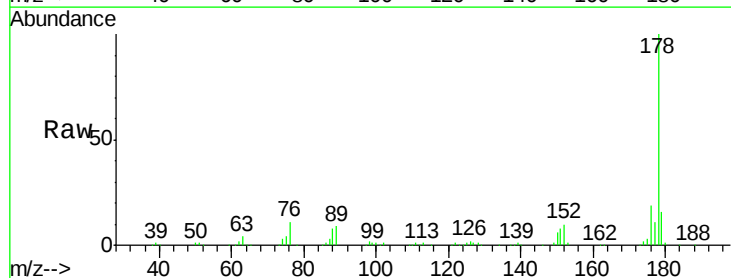


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

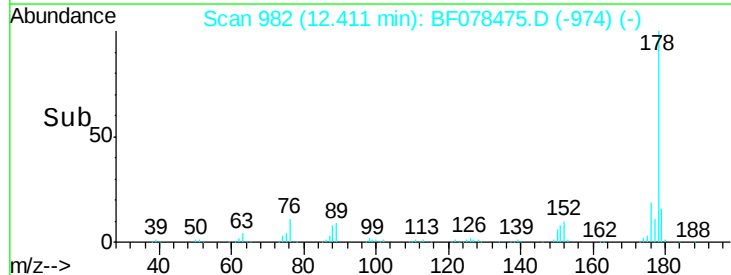
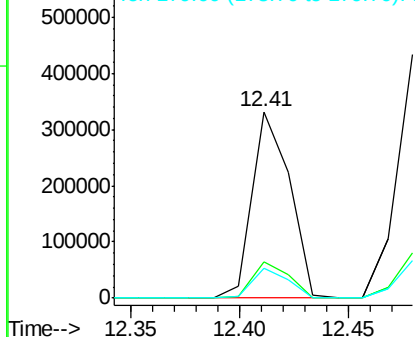


#70
 Phenanthrene
 Concen: 41.90 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:178 Resp: 398854
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.7 12.2 18.2



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

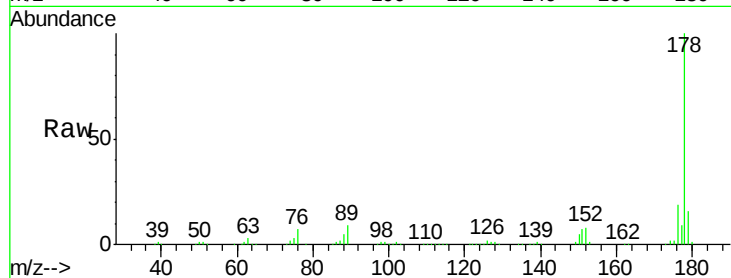




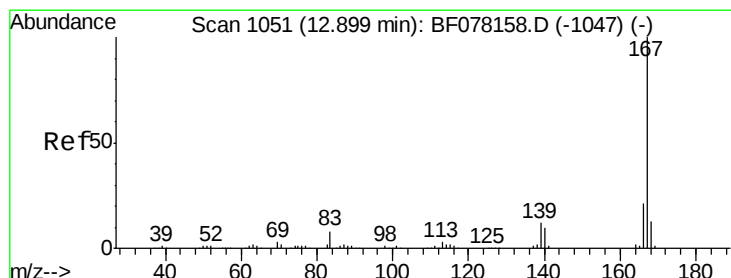
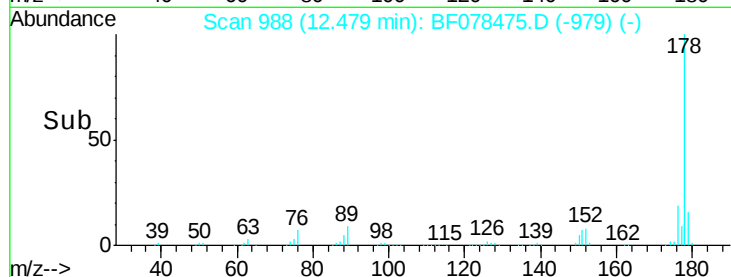
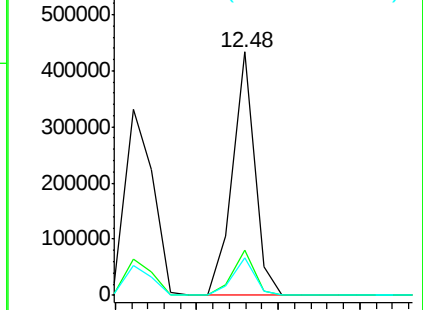
#71
 Anthracene
 Concen: 43.09 ng
 RT: 12.48 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:178 Resp: 404196
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.6 12.4 18.6

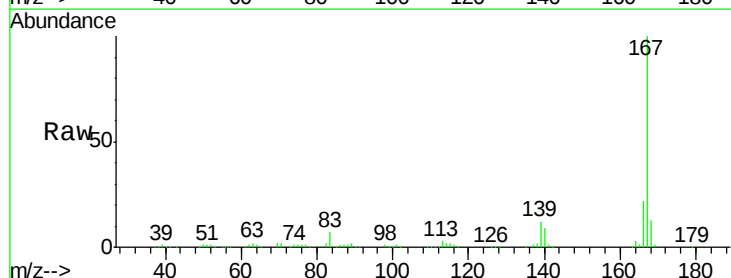


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

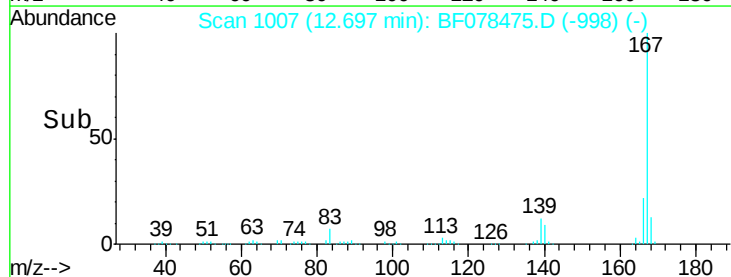
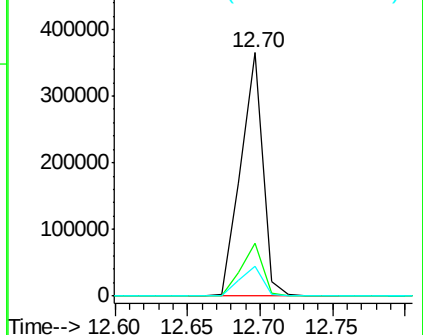


#72
 Carbazole
 Concen: 43.81 ng
 RT: 12.70 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:167 Resp: 385153
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 12.3 10.0 15.0



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: 49.10 ng

RT: 13.17 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

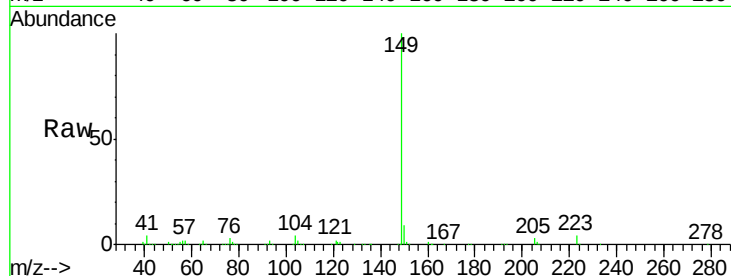
Tgt Ion:149 Resp: 488951

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

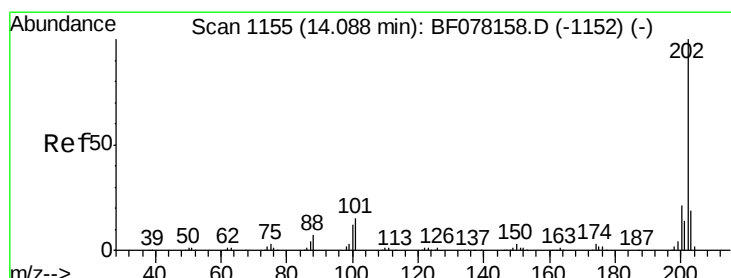
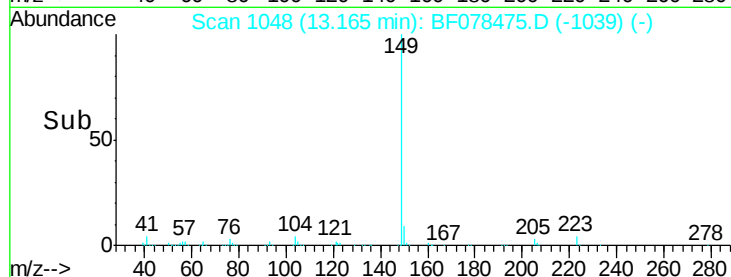
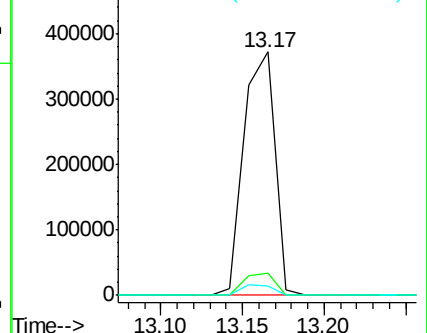
104 3.8 3.8 5.6



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: 41.87 ng

RT: 13.87 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

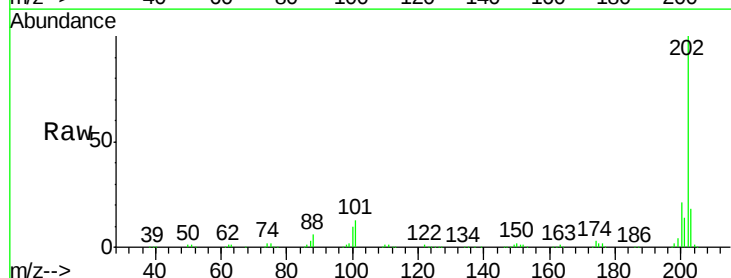
Tgt Ion:202 Resp: 420318

Ion Ratio Lower Upper

202 100

101 12.5 0.0 35.2

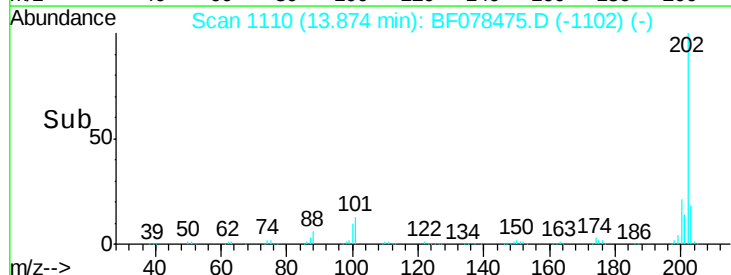
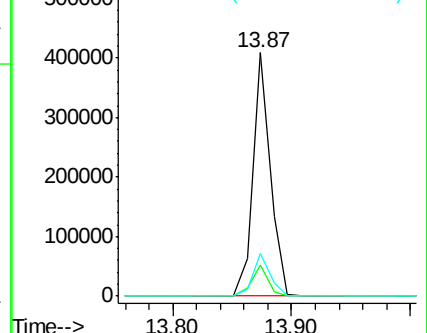
203 17.6 0.0 38.5

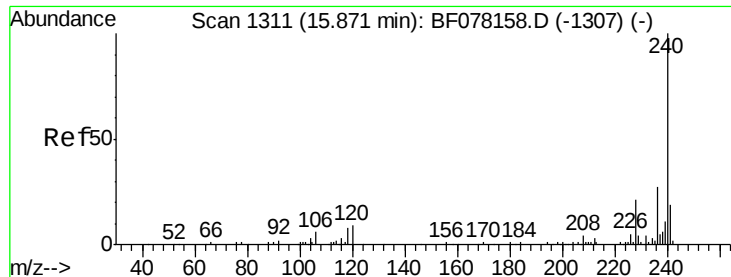


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

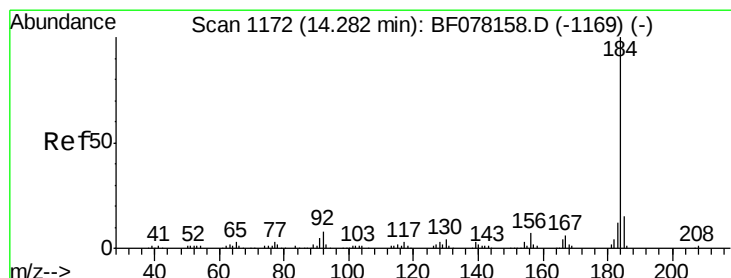
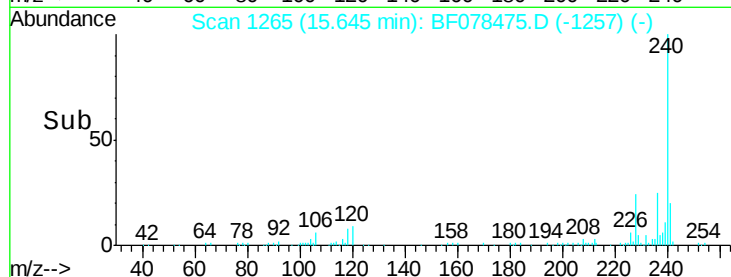
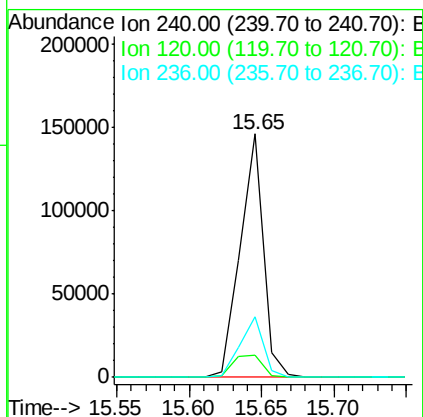
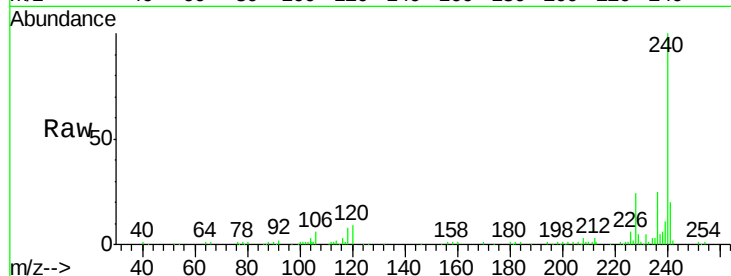




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

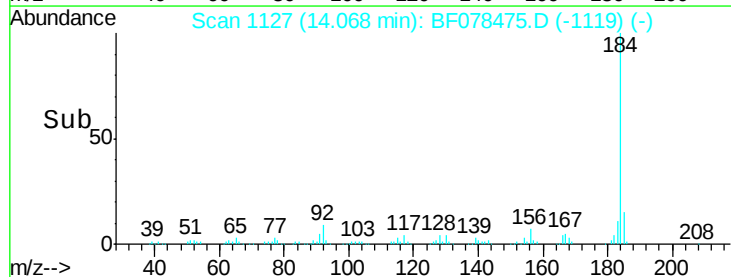
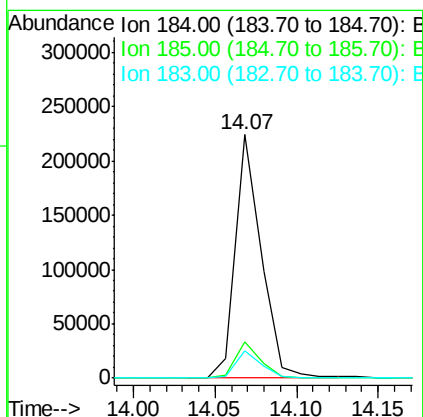
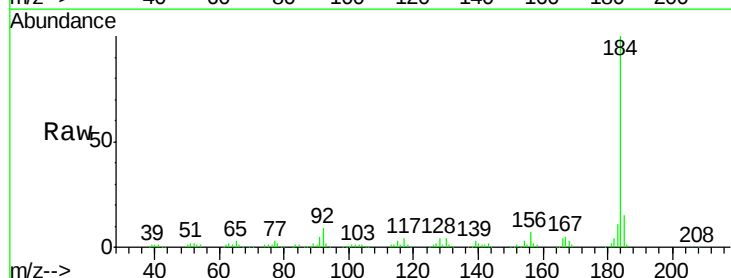
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

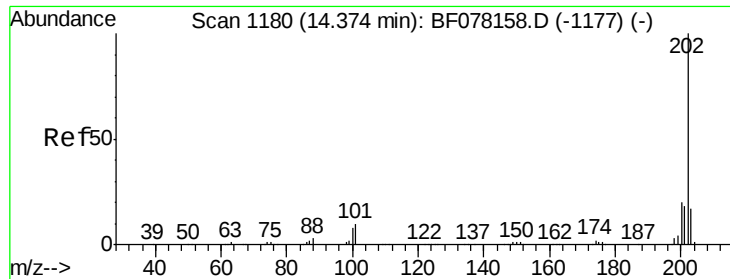
Tgt Ion:240 Resp: 162233
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 24.9 21.4 32.2



#76
Benzidine
Concen: 39.21 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:184 Resp: 244908
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 11.3 9.5 14.3

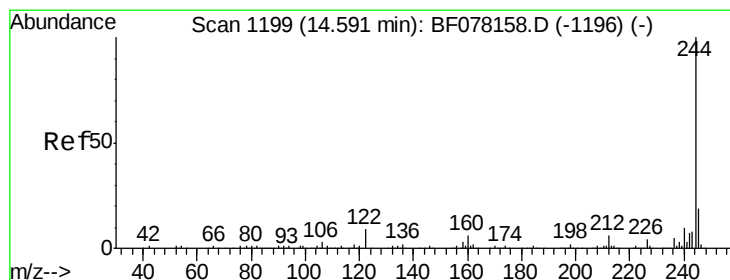
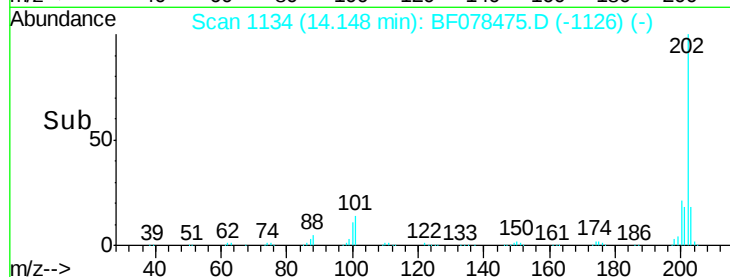
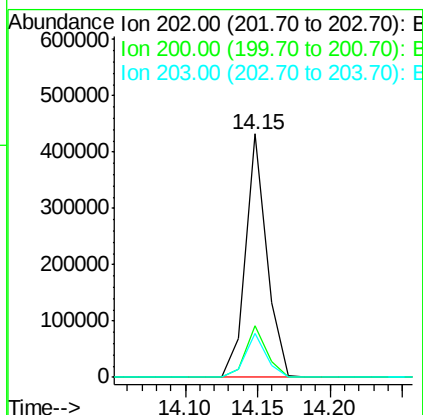
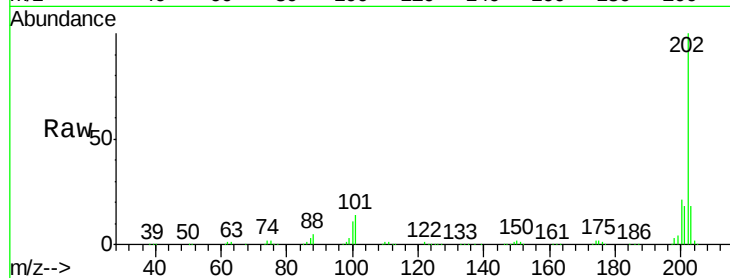




#77
 Pyrene
 Concen: 43.09 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

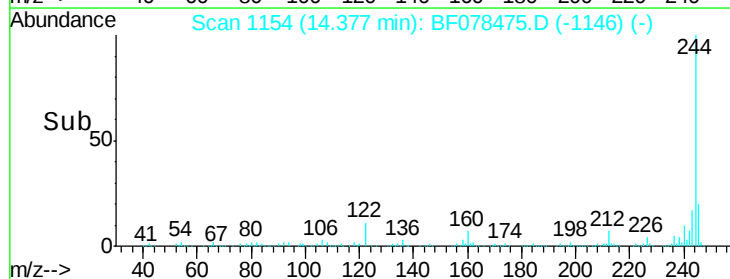
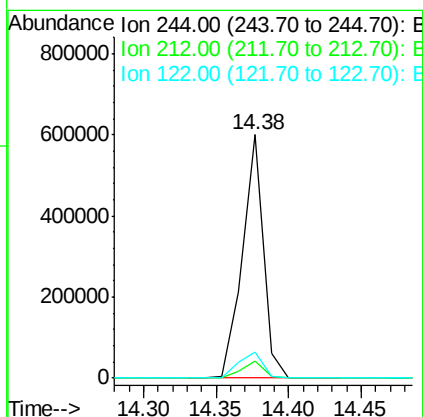
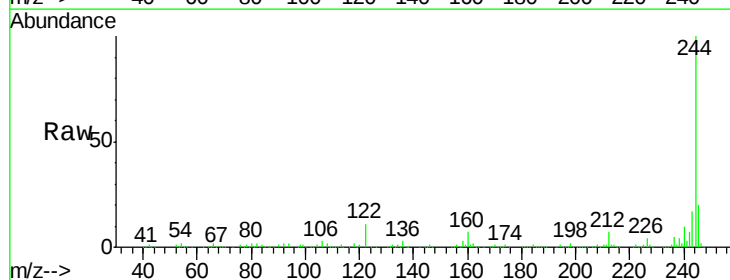
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	18.3	13.8	20.6



#78
 Terphenyl-d14
 Concen: 84.47 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	10.7	7.1	10.7

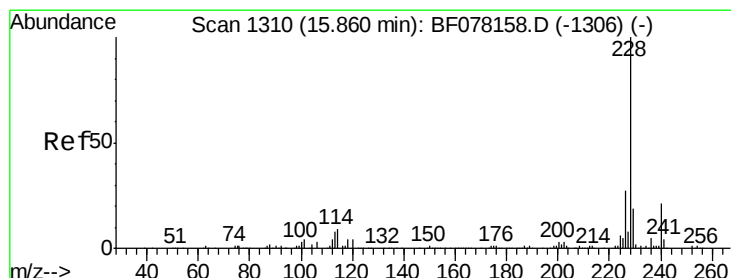
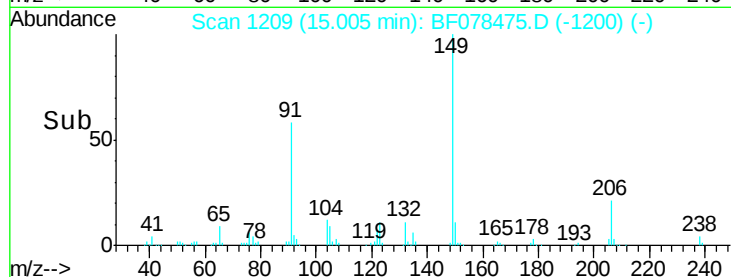
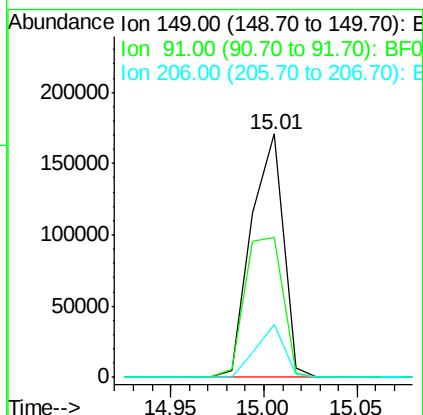
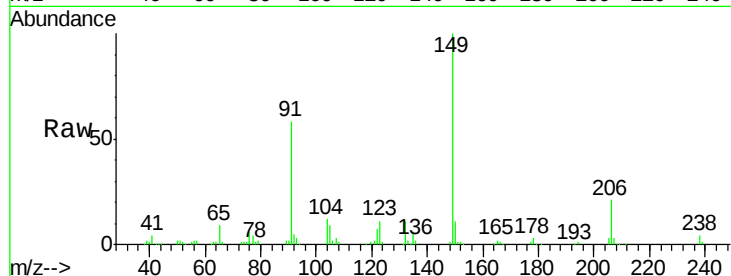




#79
Butylbenzylphthalate
Concen: 52.57 ng
RT: 15.01 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

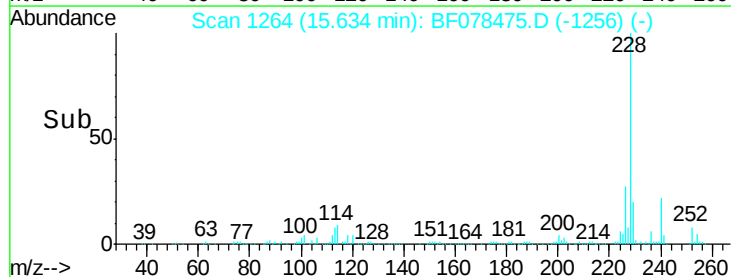
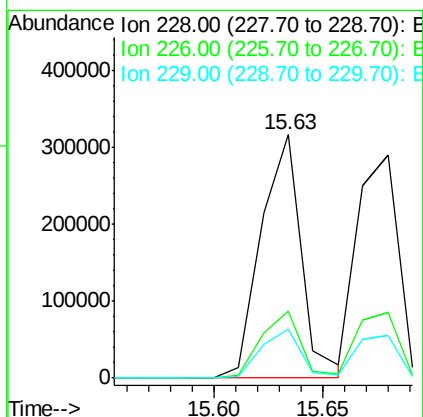
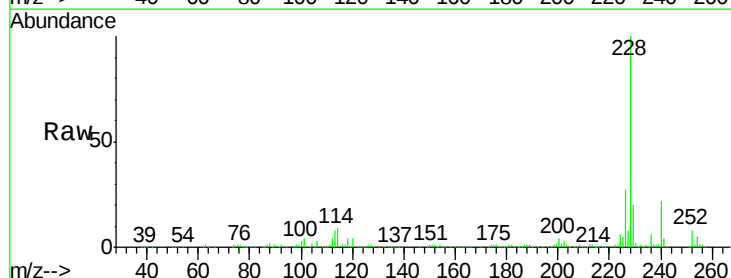
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

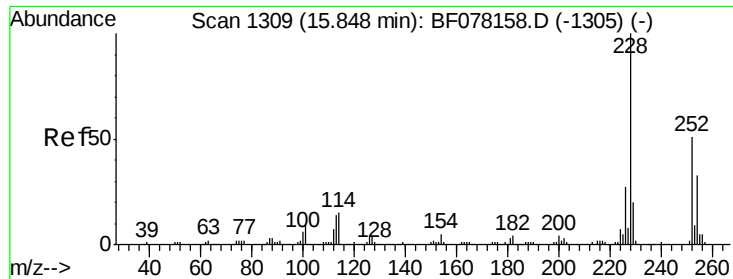
Tgt Ion:149 Resp: 204037
Ion Ratio Lower Upper
149 100
91 57.5 64.2 96.2#
206 21.5 12.6 18.8#



#80
Benzo(a)anthracene
Concen: 42.55 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion:228 Resp: 410752
Ion Ratio Lower Upper
228 100
226 27.3 21.3 31.9
229 20.2 15.4 23.2

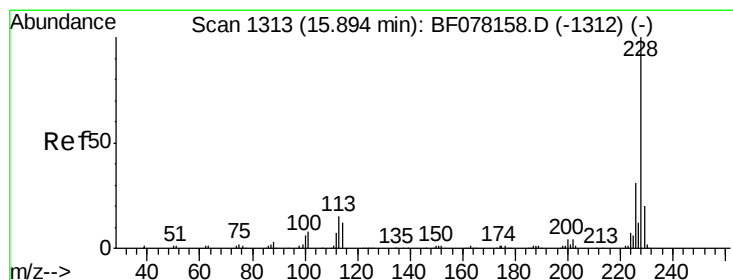
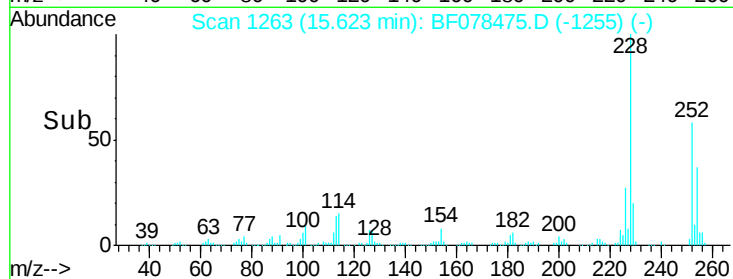
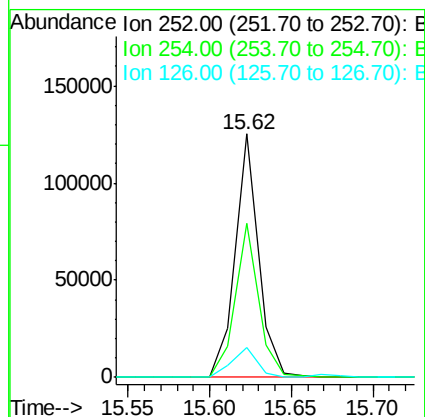
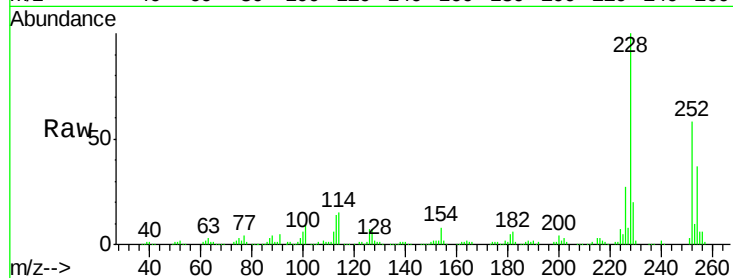




#81
 3,3'-Dichlorobenzidine
 Concen: 38.16 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

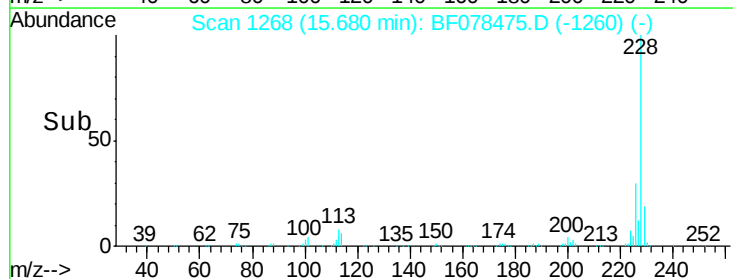
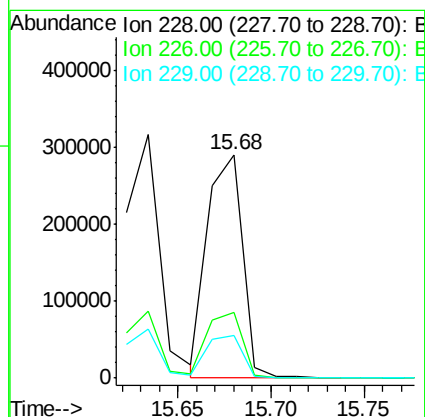
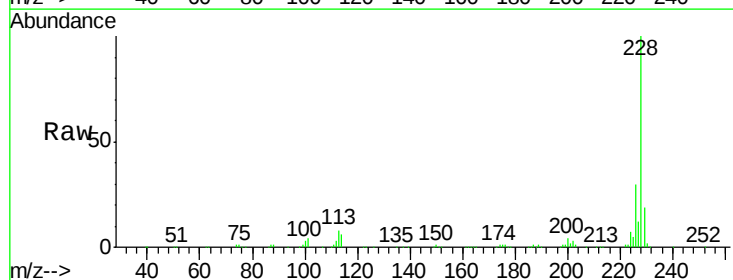
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

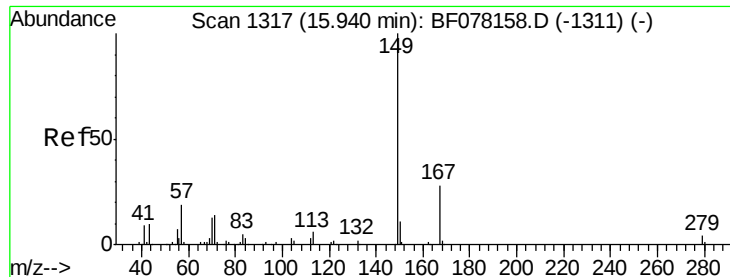
Tgt Ion: 252 Resp: 123361
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.2 76.8
 126 12.3 6.3 9.5#



#82
 Chrysene
 Concen: 42.07 ng
 RT: 15.68 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion: 228 Resp: 381580
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.2 36.4
 229 19.3 15.8 23.8

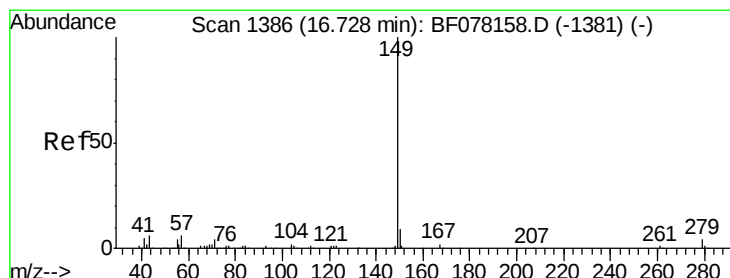
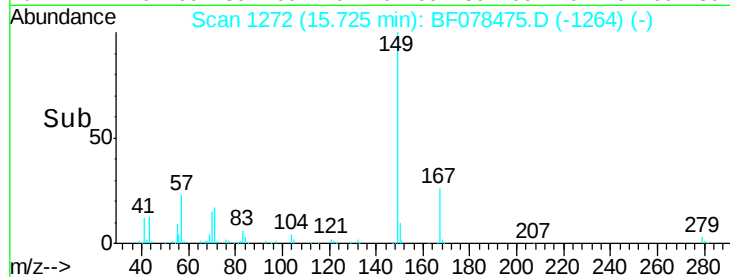
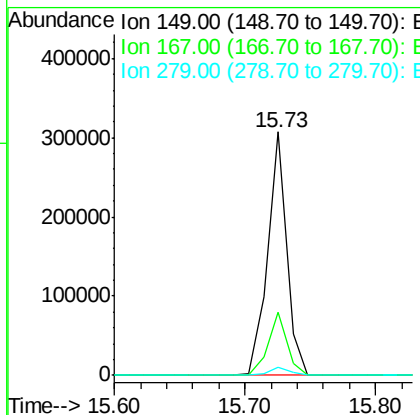
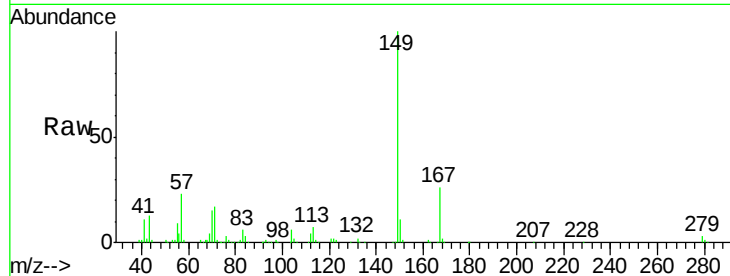




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.36 ng
 RT: 15.73 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

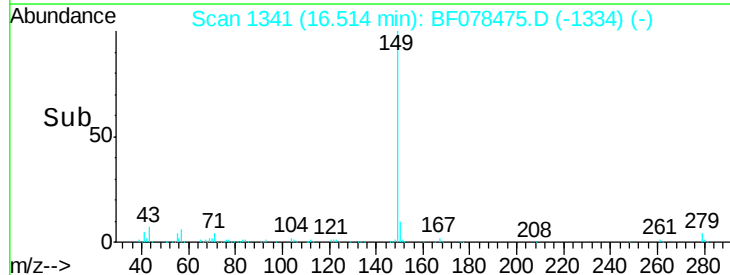
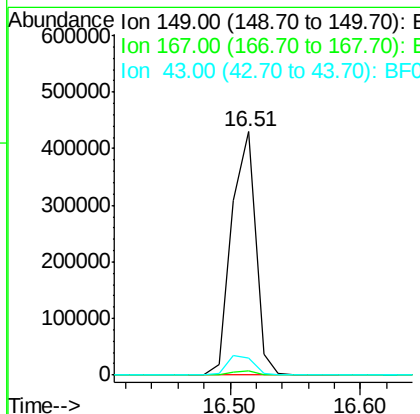
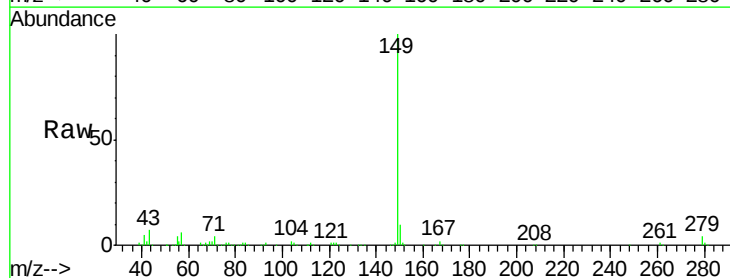
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

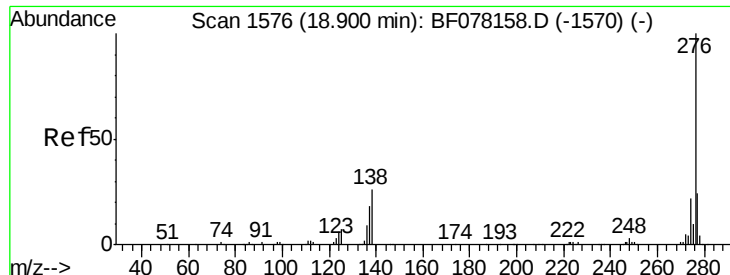
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	3.2	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 54.71 ng
 RT: 16.51 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	9.2	0.0	0.0#

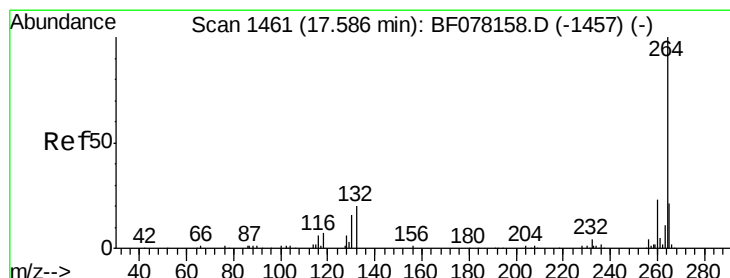
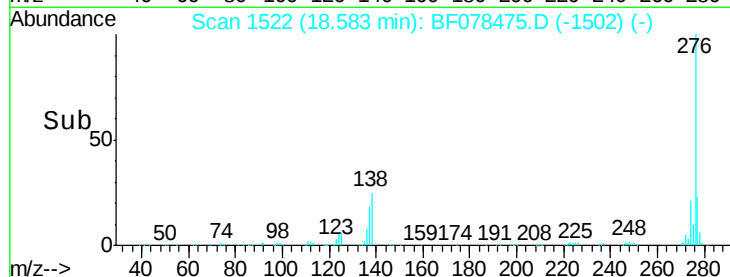
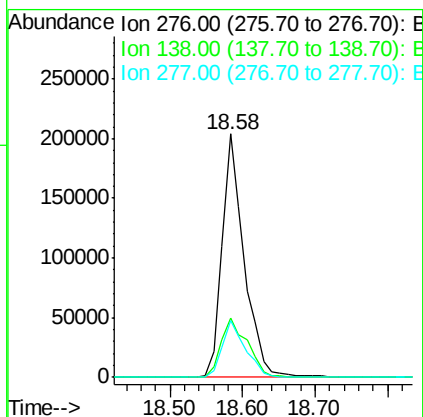
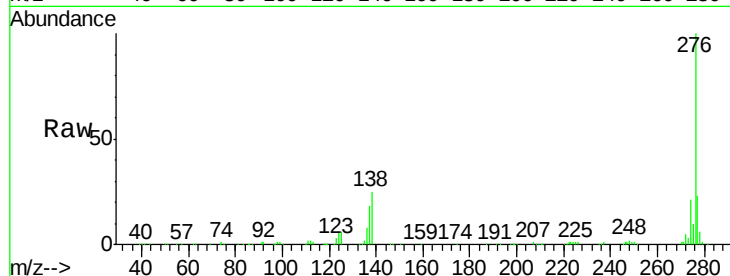




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.96 ng
 RT: 18.58 min Scan# 1522
 Delta R.T. -0.07 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

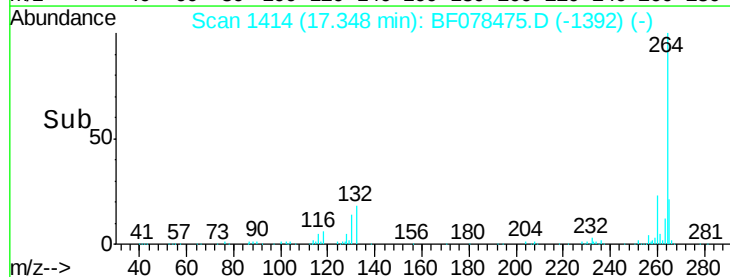
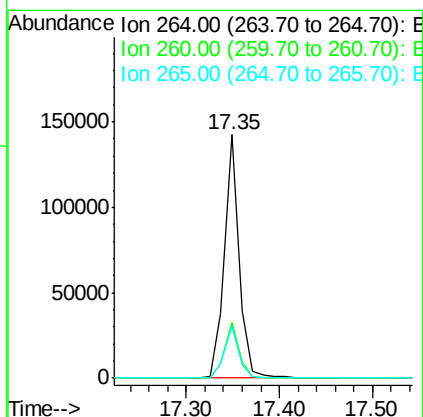
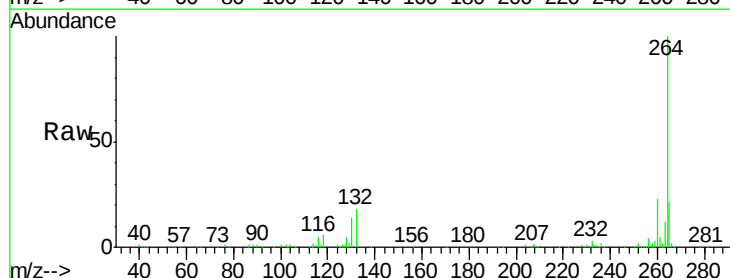
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:276 Resp: 431838
 Ion Ratio Lower Upper
 276 100
 138 29.4 16.9 25.3#
 277 24.7 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.35 min Scan# 1414
 Delta R.T. -0.05 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Tgt Ion:264 Resp: 156607
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.4 17.0 25.6

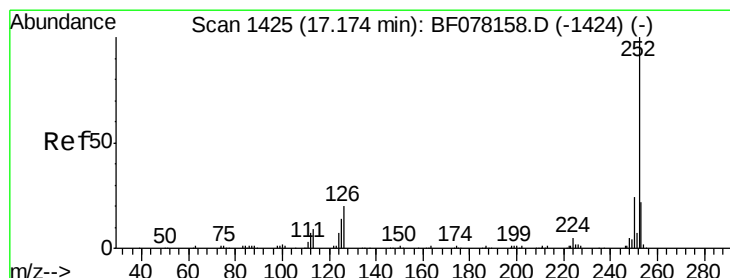
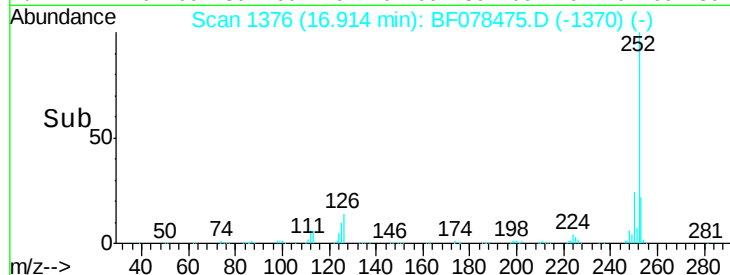
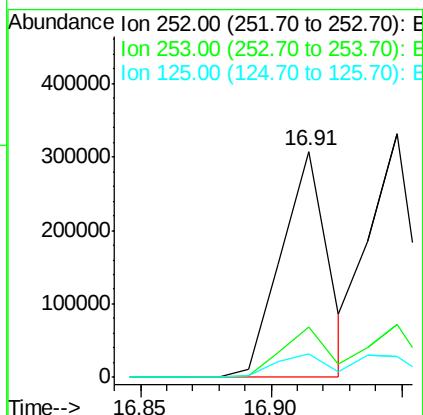
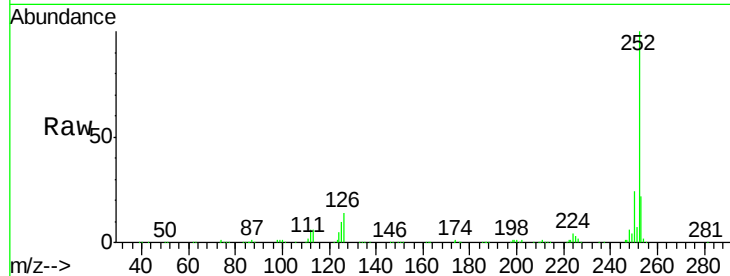




#87
Benzo(b)fluoranthene
Concen: 39.46 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

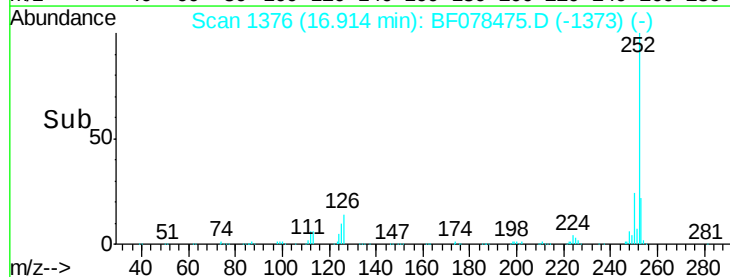
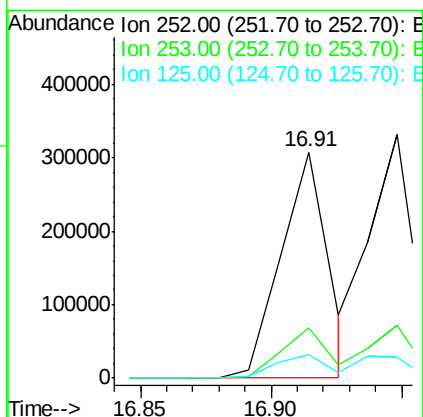
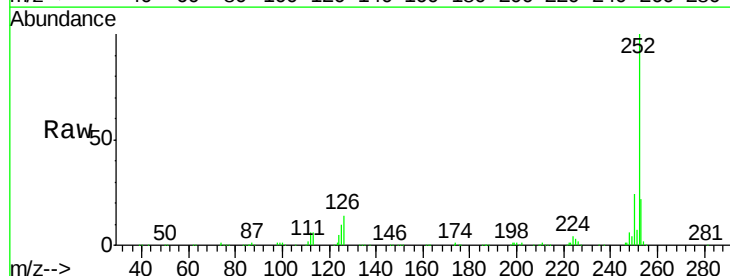
Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

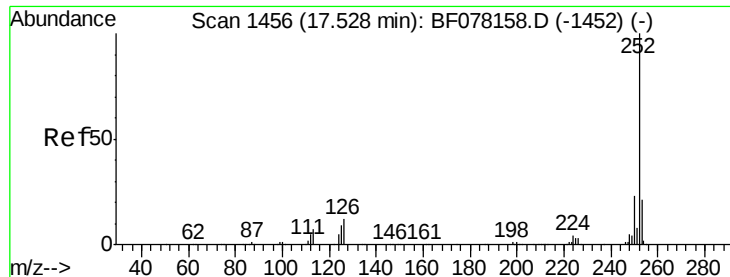
Tgt Ion: 252 Resp: 381911
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.4 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 44.40 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.07 min
Lab File: BF078475.D
Acq: 13 Apr 2015 22:24

Tgt Ion: 252 Resp: 381911
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.4 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 44.34 ng

RT: 17.29 min Scan# 1409

Delta R.T. -0.03 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)MS

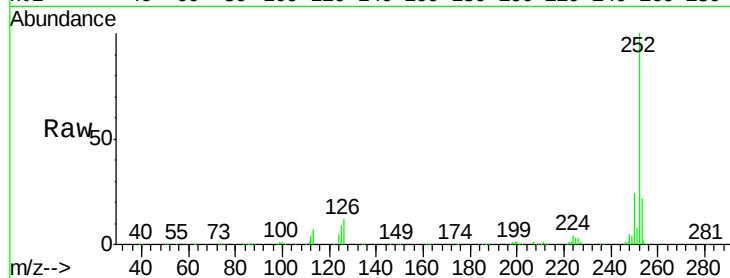
Tgt Ion:252 Resp: 374553

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

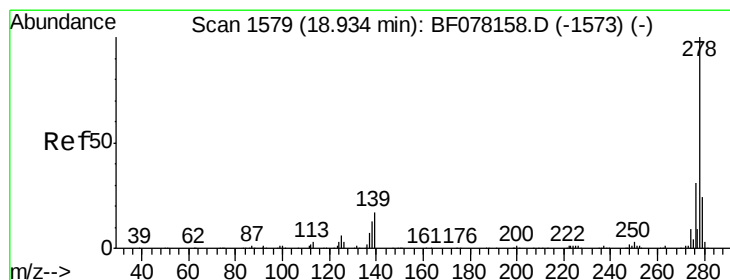
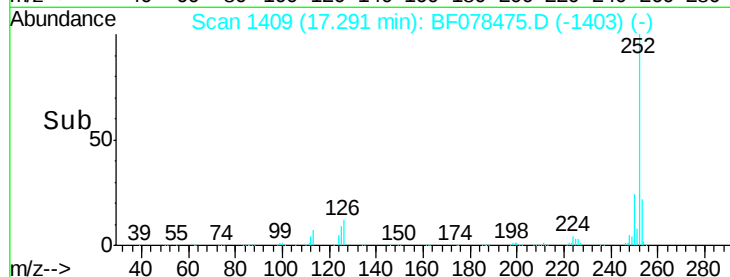
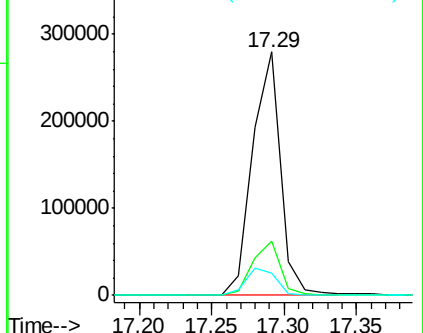
125 9.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.92 ng

RT: 18.61 min Scan# 1524

Delta R.T. -0.07 min

Lab File: BF078475.D

Acq: 13 Apr 2015 22:24

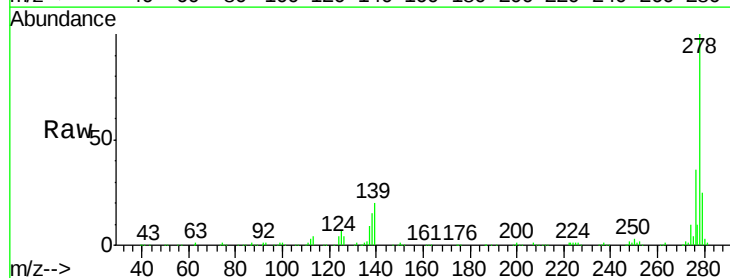
Tgt Ion:278 Resp: 354514

Ion Ratio Lower Upper

278 100

139 20.0 13.6 20.4

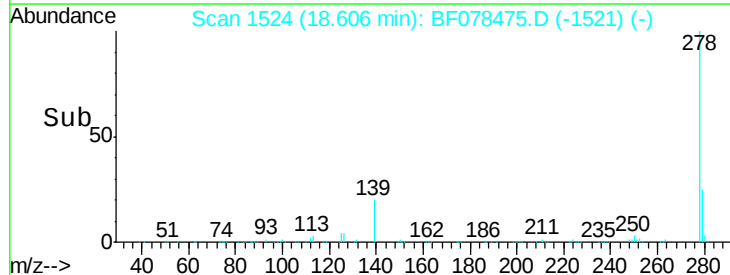
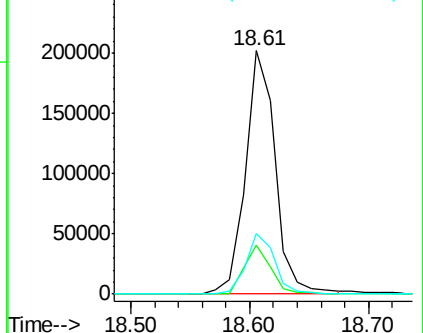
279 24.6 19.0 28.6

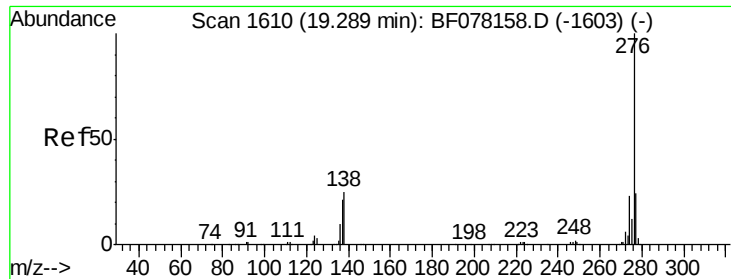


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.57 ng
 RT: 18.93 min Scan# 1552
 Delta R.T. -0.07 min
 Lab File: BF078475.D
 Acq: 13 Apr 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)MS

Tgt Ion:	276	Resp:	360980
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	27.4	19.9	29.9

