

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076897.D
 Acq On : 16 Jan 2015 00:41
 Operator : IZ / TP
 Sample : G1079-01MSD
 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:52:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33171	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	134223	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	67213	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	113294	20.00	ng	0.00
75) Chrysene-d12	21.32	240	113801	20.00	ng	0.01
86) Perylene-d12	22.96	264	105867	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	254952	126.37	ng	0.02
7) Phenol-d6	7.43	99	289459	113.73	ng	0.01
23) Nitrobenzene-d5	9.32	82	218948	90.37	ng	0.00
41) 2,4,6-Tribromophenol	16.73	330	76988	141.11	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	410883	93.03	ng	0.00
78) Terphenyl-d14	20.04	244	410419	83.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.36	88	33034	38.24	ng	# 12
3) Pyridine	1.86	79	58819	26.31	ng	88
4) n-Nitrosodimethylamine	1.80	42	48726	44.00	ng	95
6) Aniline	7.32	93	24489	6.95	ng	96
8) 2-Chlorophenol	7.56	128	91787	39.46	ng	95
9) Benzaldehyde	7.04	77	17453	10.21	ng	95
10) Phenol	7.45	94	94552	34.99	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	87472	41.37	ng	96
12) 1,3-Dichlorobenzene	7.88	146	104331	39.43	ng	93
13) 1,4-Dichlorobenzene	8.06	146	104990	37.42	ng	98
14) 1,2-Dichlorobenzene	8.38	146	103441	40.01	ng	99
15) Benzyl Alcohol	8.46	79	91428	44.39	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	114933	40.43	ng	99
17) 2-Methylphenol	8.80	107	71987	37.87	ng	97
18) Hexachloroethane	9.12	117	37626	38.55	ng	94
19) n-Nitroso-di-n-propylamine	9.09	70	72096	40.47	ng	98
20) 3+4-Methylphenols	9.18	107	90340	35.90	ng	99
22) Acetophenone	9.01	105	143338	43.60	ng	98
24) Nitrobenzene	9.36	77	106344	43.09	ng	100
25) Isophorone	9.96	82	180930	41.01	ng	96
26) 2-Nitrophenol	10.10	139	47409	37.90	ng	# 92
27) 2,4-Dimethylphenol	10.38	122	79865	41.85	ng	97
28) bis(2-Chloroethoxy)methane	10.57	93	112020	44.67	ng	98
29) 2,4-Dichlorophenol	10.71	162	74228	41.73	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	86040	43.55	ng	97
31) Naphthalene	10.97	128	286680	41.49	ng	100
33) 4-Chloroaniline	11.22	127	10372	3.71	ng	# 93
34) Hexachlorobutadiene	11.34	225	45415	38.74	ng	96
35) Caprolactam	12.06	113	14548	27.78	ng	# 84
36) 4-Chloro-3-methylphenol	12.52	107	82182	40.35	ng	99
37) 2-Methylnaphthalene	12.63	142	198153	41.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	76276	45.90	ng	98
40) Hexachlorocyclopentadiene	13.03	237	62938	70.91	ng	96
42) 2,4,6-Trichlorophenol	13.39	196	51168	42.26	ng	88

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 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

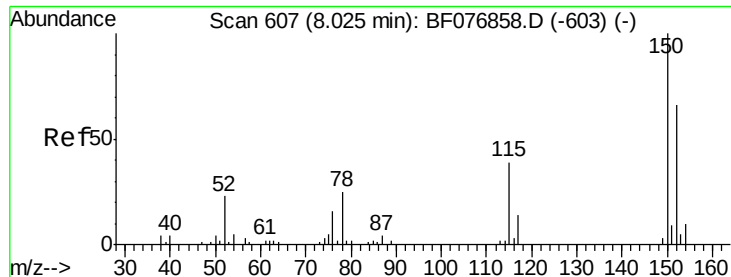
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:52:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.48	196	55844	45.22	nq	# 97
45) 1,1'-Biphenyl	13.80	154	224982	45.15	nq	99
46) 2-Chloronaphthalene	13.77	162	178265	43.48	nq	100
47) 2-Nitroaniline	14.11	65	56942	45.78	nq	96
48) Acenaphthylene	14.72	152	285129	41.23	nq	99
49) Dimethylphthalate	14.67	163	746279	156.57	nq	98
50) 2,6-Dinitrotoluene	14.76	165	43773	45.96	nq	# 85
51) Acenaphthene	15.15	154	167389	42.66	nq	98
52) 3-Nitroaniline	15.10	138	12036	11.13	nq	# 85
53) 2,4-Dinitrophenol	15.39	184	31264	71.43	nq	# 88
54) Dibenzofuran	15.57	168	258271	45.18	nq	100
55) 4-Nitrophenol	15.69	139	58313	78.04	nq	88
56) 2,4-Dinitrotoluene	15.68	165	59787	42.15	nq	# 87
57) Fluorene	16.28	166	212001	43.77	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.90	232	40232	44.74	nq	95
59) Diethylphthalate	16.27	149	278568	57.82	nq	97
60) 4-Chlorophenyl-phenylether	16.37	204	87638	44.23	nq	# 84
61) 4-Nitroaniline	16.41	138	37155	31.46	nq	98
62) Azobenzene	16.64	77	215433	42.92	nq	99
64) 4,6-Dinitro-2-methylphenol	16.48	198	24956	35.22	nq	97
65) n-Nitrosodiphenylamine	16.60	169	167531	41.47	nq	99
66) 4-Bromophenyl-phenylether	17.19	248	52589	45.82	nq	95
67) Hexachlorobenzene	17.21	284	50696	41.91	nq	97
68) Atrazine	17.56	200	55574	45.33	nq	96
69) Pentachlorophenol	17.58	266	47686	85.43	nq	97
70) Phenanthrene	17.85	178	293266	41.51	nq	99
71) Anthracene	17.93	178	298932	43.39	nq	98
72) Carbazole	18.21	167	288007	43.10	nq	99
73) Di-n-butylphthalate	18.79	149	358203	46.31	nq	99
74) Fluoranthene	19.49	202	301607	41.66	nq	98
76) Benzidine	19.73	184	9621	2.64	nq	# 96
77) Pyrene	19.77	202	325063	41.68	nq	100
79) Butylbenzylphthalate	20.70	149	170910	48.39	nq	98
80) Benzo(a)anthracene	21.31	228	289956	40.61	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	41627	18.35	nq	96
82) Chrysene	21.34	228	281839	43.28	nq	100
83) Bis(2-ethylhexyl)phthalate	21.44	149	224565	45.95	nq	100
84) Di-n-octyl phthalate	22.21	149	380377	44.85	nq	98
87) Benzo(b)fluoranthene	22.55	252	278847	39.11	nq	97
88) Benzo(k)fluoranthene	22.55	252	278847	44.76	nq	98
89) Benzo(a)pyrene	22.91	252	270270	42.97	nq	98
90) Dibenzo(a,h)anthracene	24.12	278	243482	42.19	nq	# 97
91) Benzo(g,h,i)perylene	24.39	276	253667	44.22	nq	# 95

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

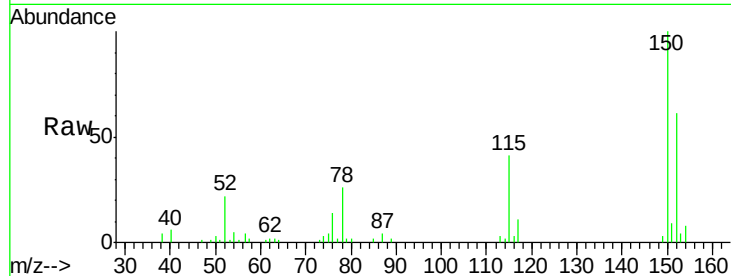


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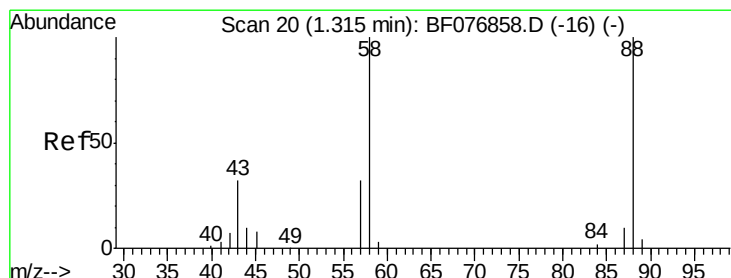
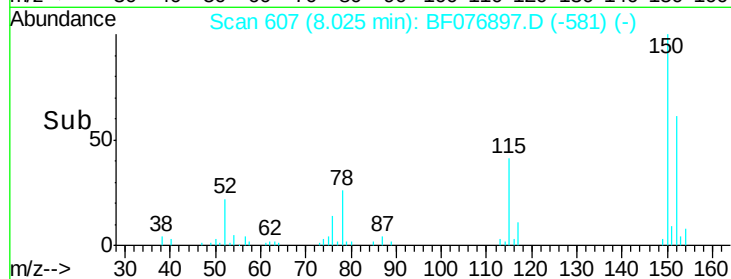
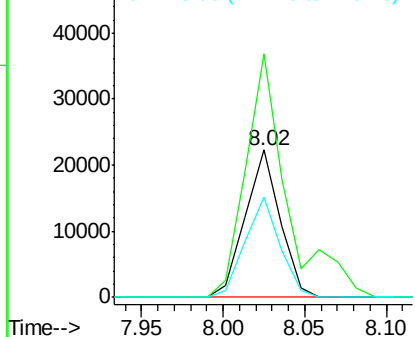
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 33171
Ion Ratio Lower Upper
152 100
150 165.2 121.7 182.5
115 68.1 47.0 70.6



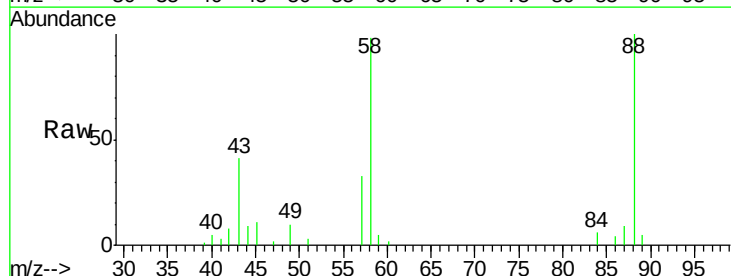
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



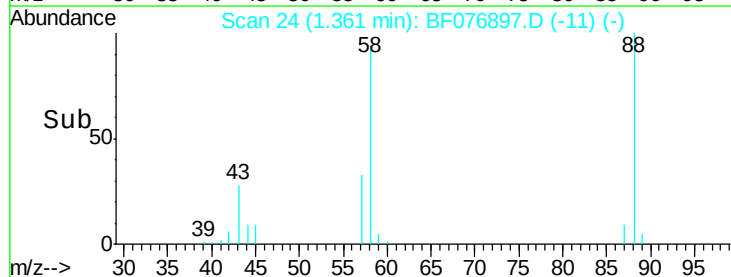
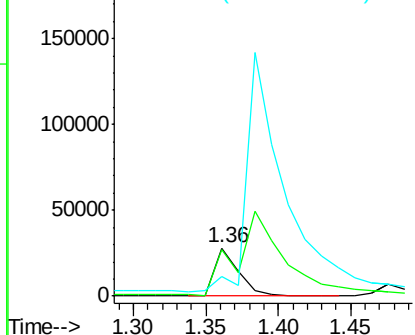
#2

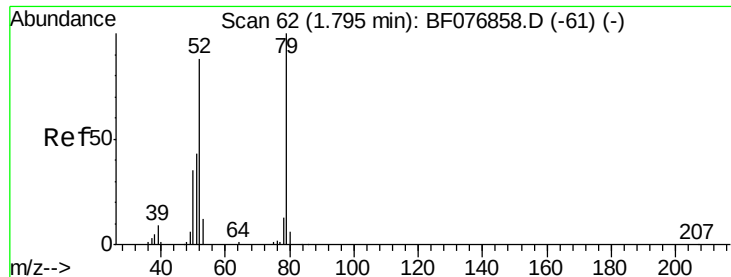
1,4-Dioxane
Concen: 38.24 ng
RT: 1.36 min Scan# 24
Delta R.T. 0.05 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion: 88 Resp: 33034
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



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

Pvridine

Concen: 26.31 ng

RT: 1.86 min Scan# 68

Delta R.T. 0.07 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

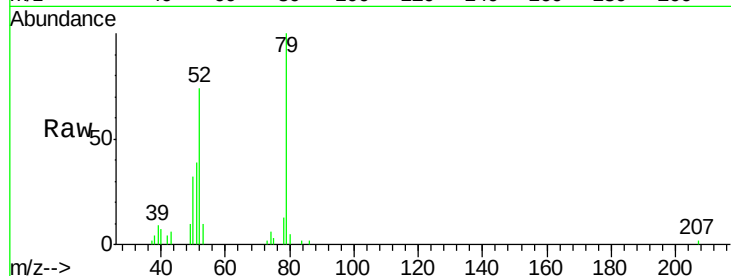
Tot Ion: 79 Resp: 58819

Ion Ratio Lower Upper

79 100

52 74.4 70.1 105.1

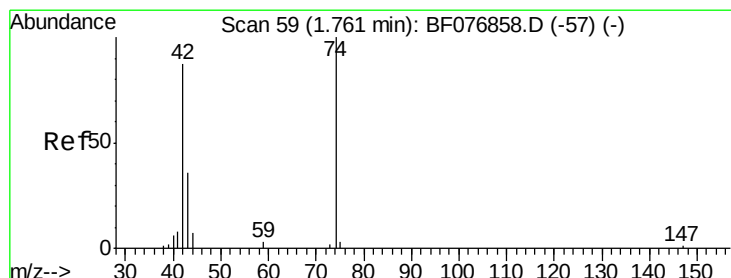
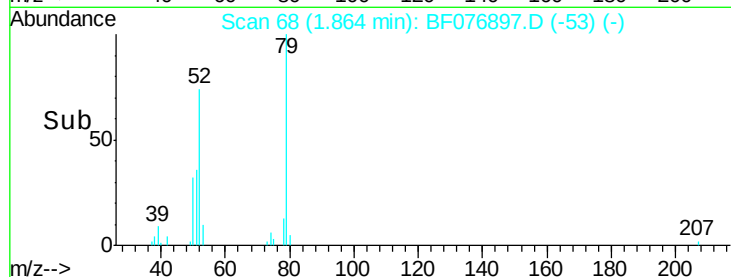
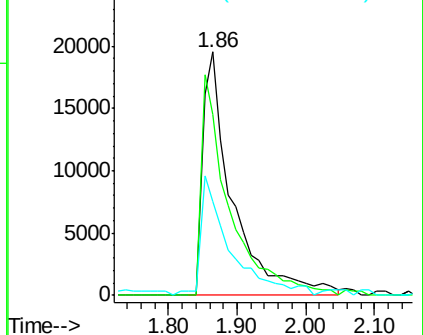
51 38.8 35.1 52.7



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: 44.00 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.03 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

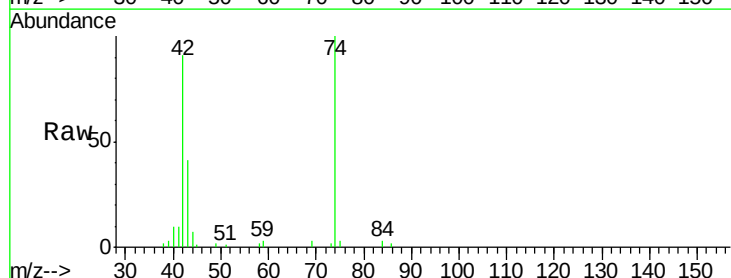
Tgt Ion: 42 Resp: 48726

Ion Ratio Lower Upper

42 100

74 110.1 92.4 138.6

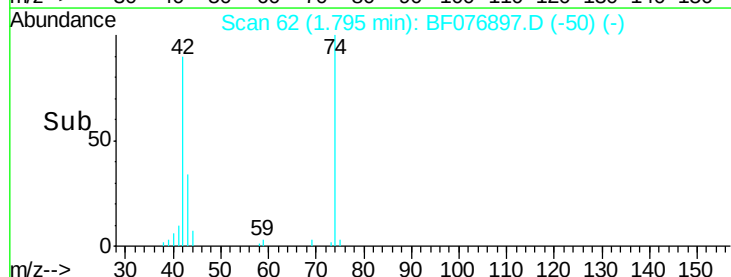
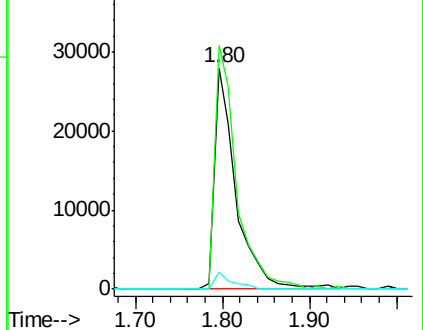
44 7.9 6.2 9.2

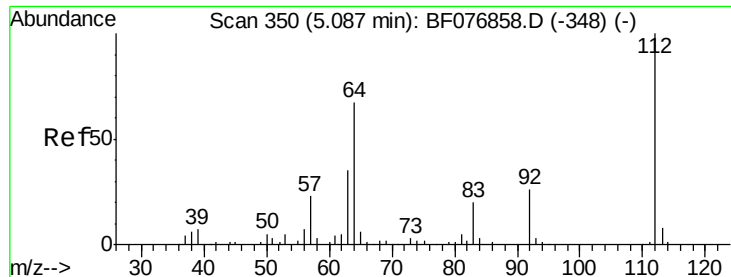


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.37 ng

RT: 5.11 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

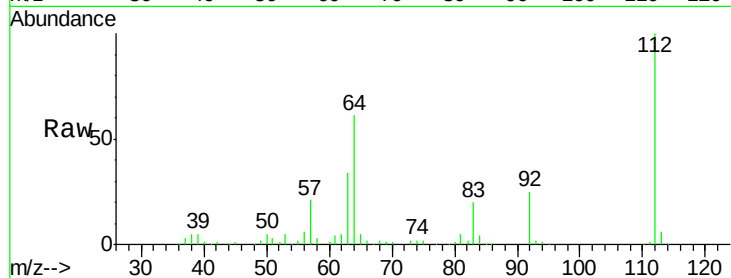
Tot Ion:112 Resp: 254952

Ion Ratio Lower Upper

112 100

64 61.4 54.2 81.4

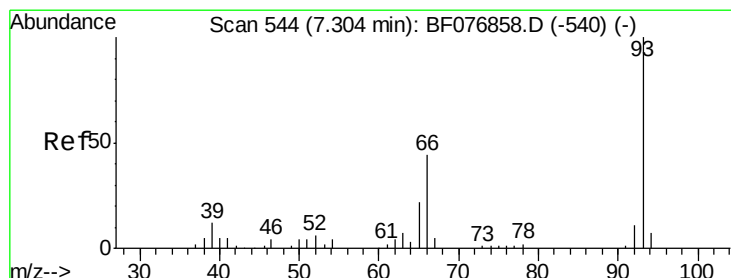
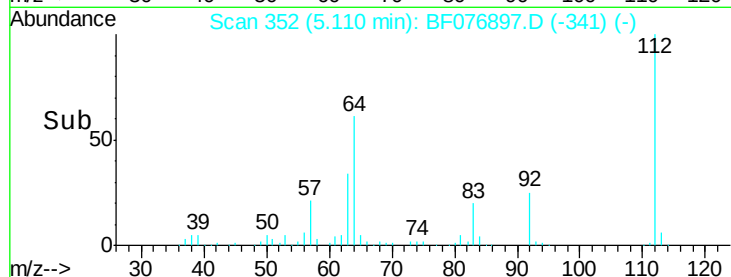
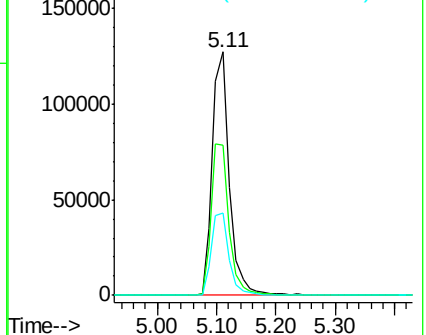
63 34.0 28.4 42.6



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: 6.95 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

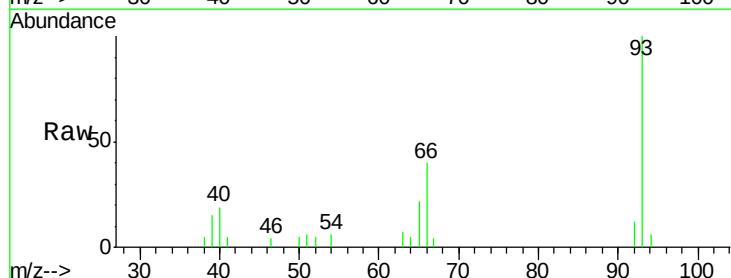
Tgt Ion: 93 Resp: 24489

Ion Ratio Lower Upper

93 100

66 40.1 35.0 52.4

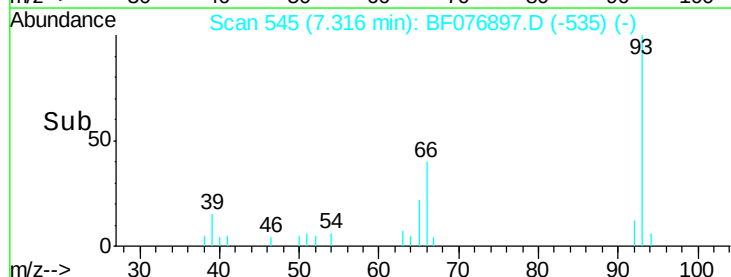
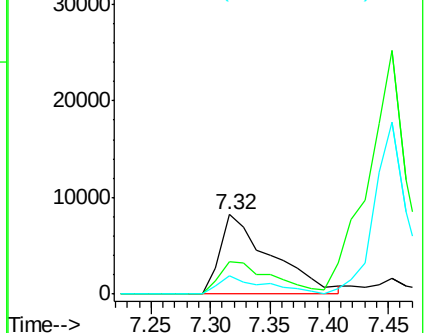
65 22.3 17.7 26.5

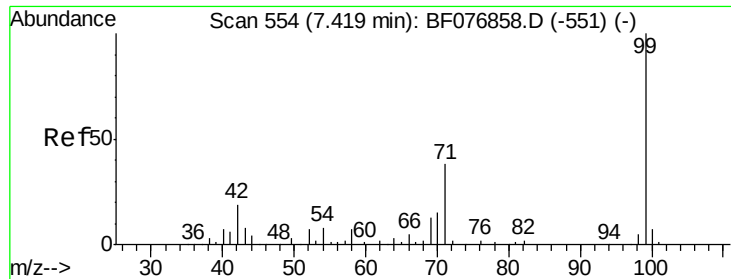


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.73 ng

RT: 7.43 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampled :

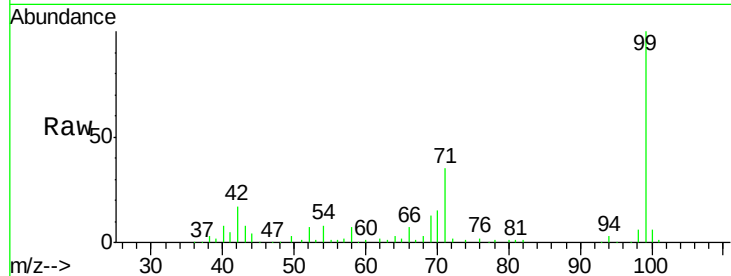
Tot Ion: 99 Resp: 289459

Ion Ratio Lower Upper

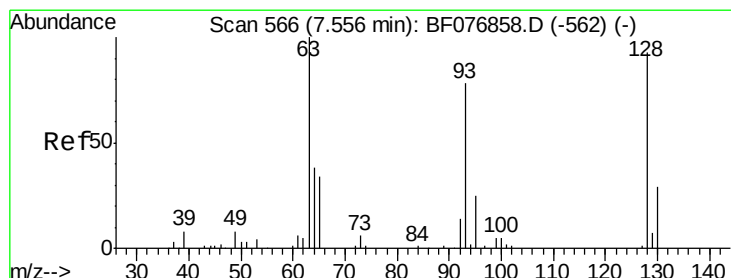
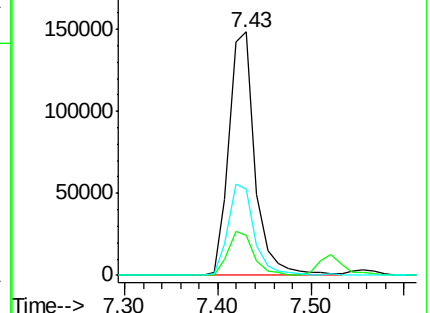
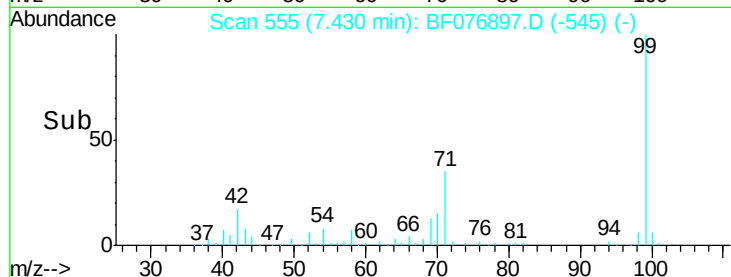
99 100

42 16.5 15.0 22.4

71 35.2 30.5 45.7



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: 39.46 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

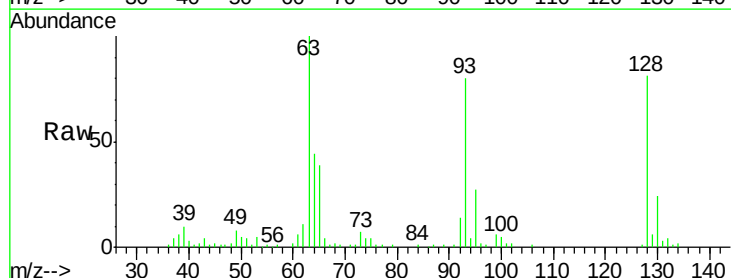
Tgt Ion: 128 Resp: 91787

Ion Ratio Lower Upper

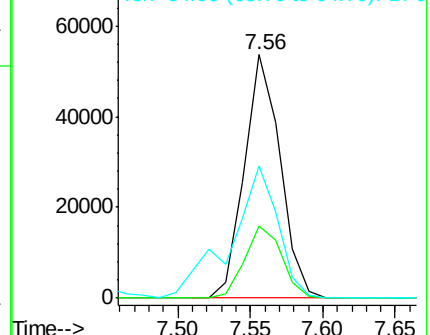
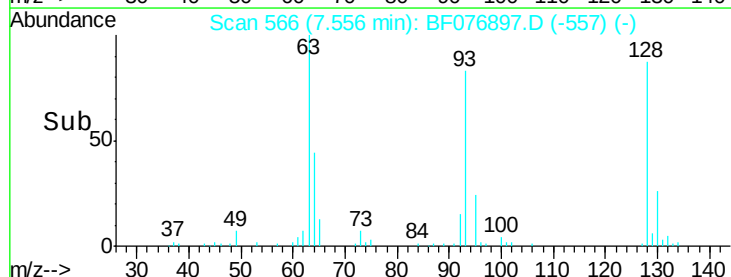
128 100

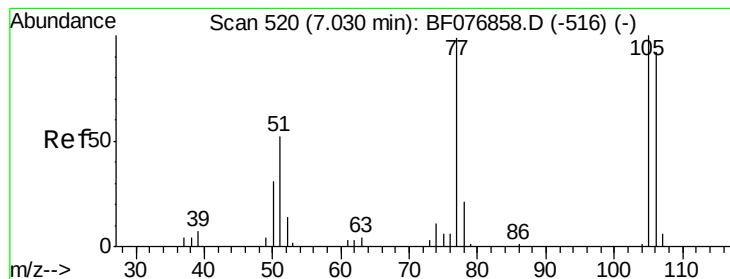
130 29.8 11.0 51.0

64 54.4 29.3 69.3



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: 10.21 ng

RT: 7.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampled :

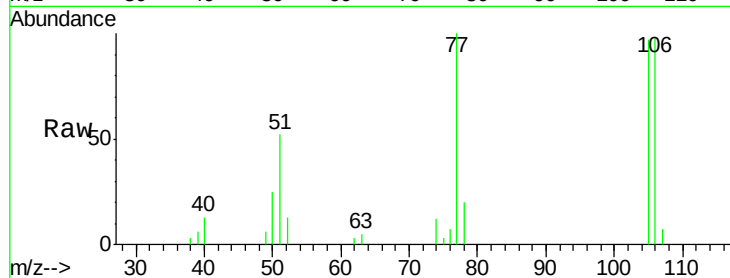
Tot Ion: 77 Resp: 17453

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

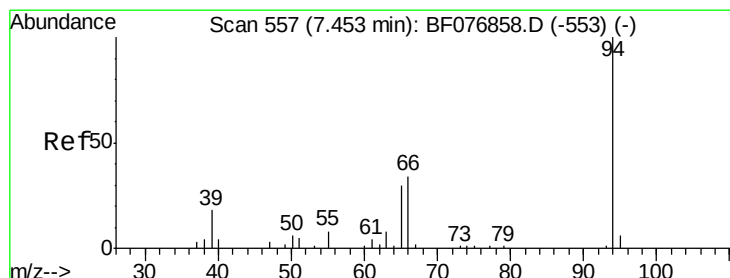
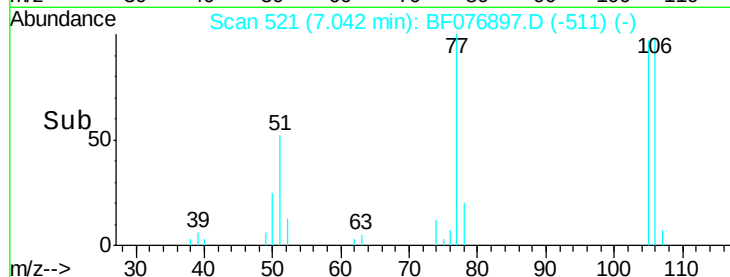
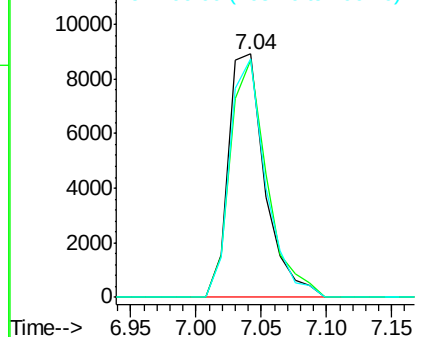
106 97.9 72.8 112.8



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: 34.99 ng

RT: 7.45 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

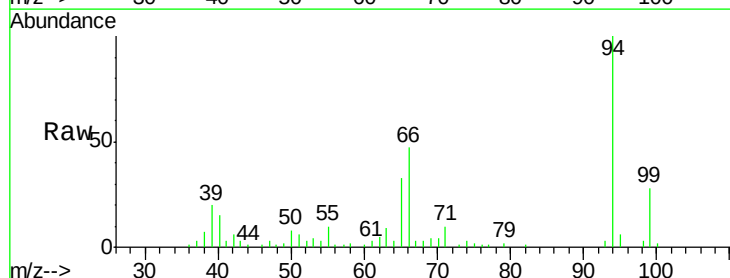
Tgt Ion: 94 Resp: 94552

Ion Ratio Lower Upper

94 100

65 33.4 11.3 51.3

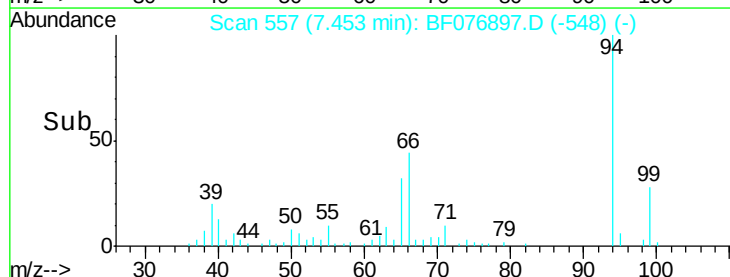
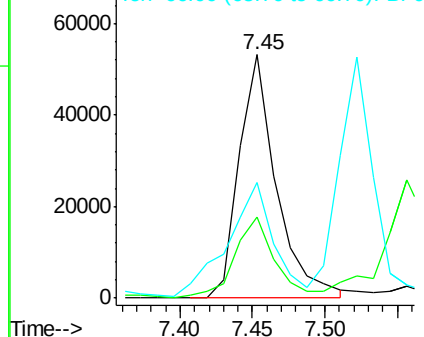
66 47.4 19.5 59.5

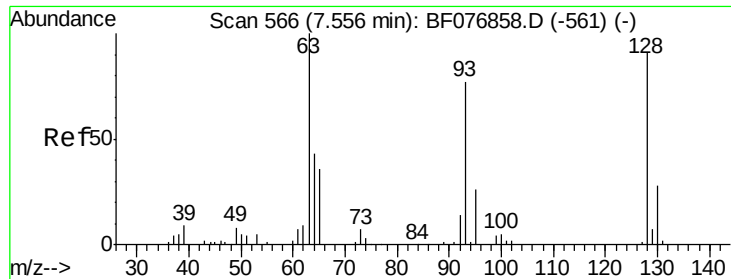


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.37 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

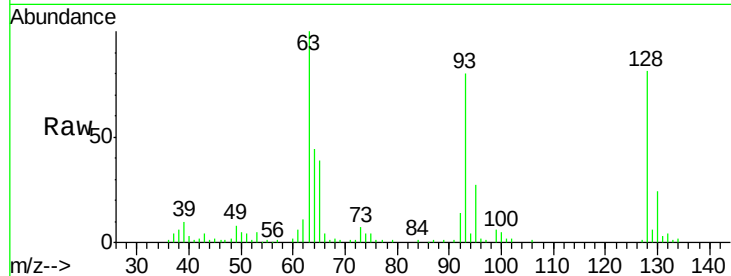
Tot Ion: 93 Resp: 87472

Ion Ratio Lower Upper

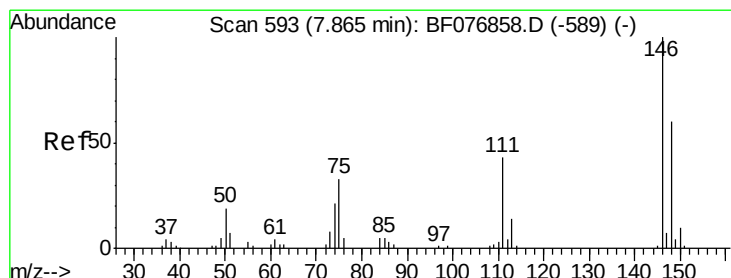
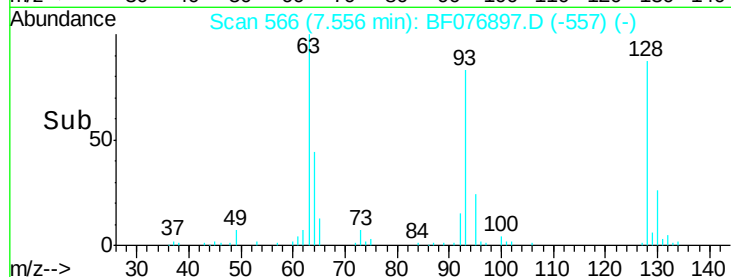
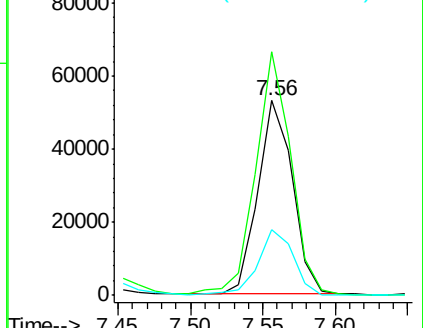
93 100

63 125.2 111.3 151.3

95 34.0 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.43 ng

RT: 7.88 min Scan# 594

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

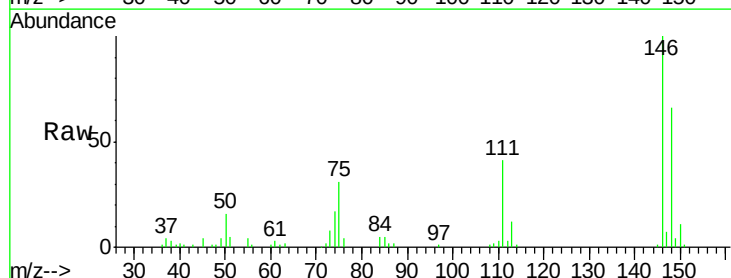
Tgt Ion: 146 Resp: 104331

Ion Ratio Lower Upper

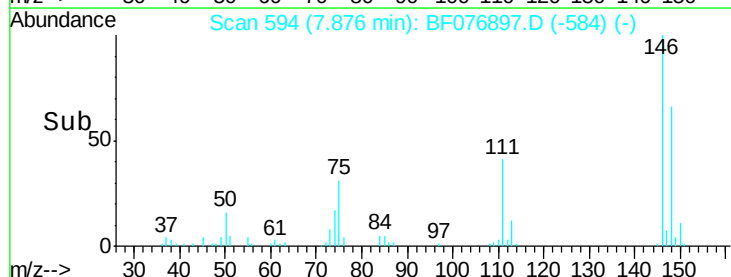
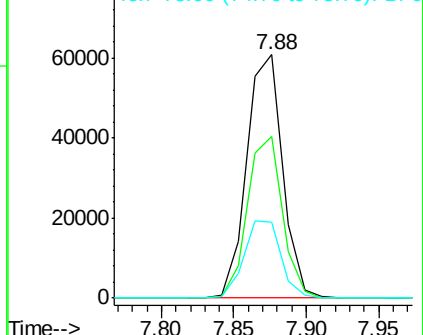
146 100

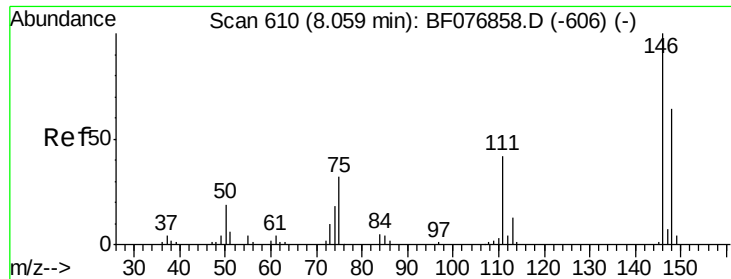
148 66.5 48.1 72.1

75 31.0 26.8 40.2



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

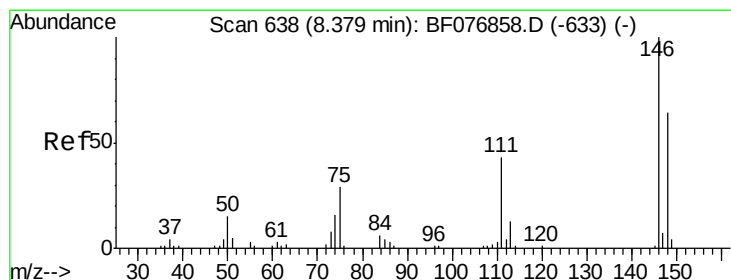
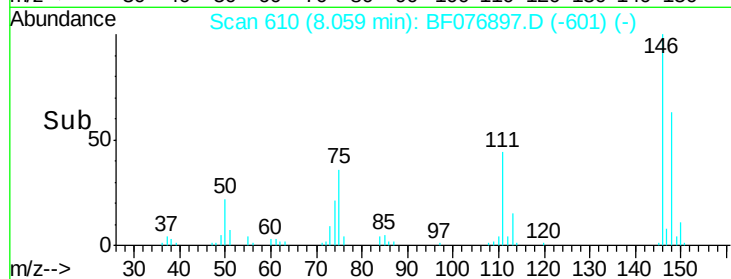
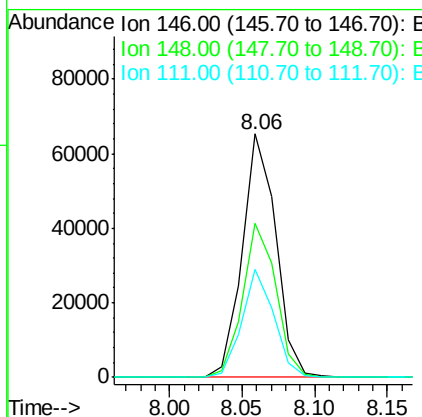
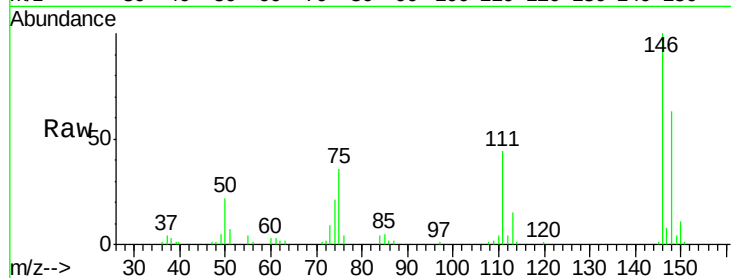




#13
 1,4-Dichlorobenzene
 Concen: 37.42 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

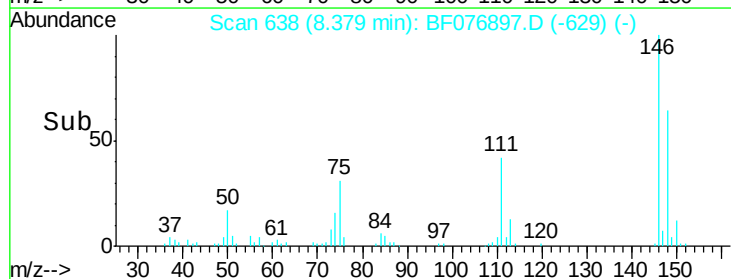
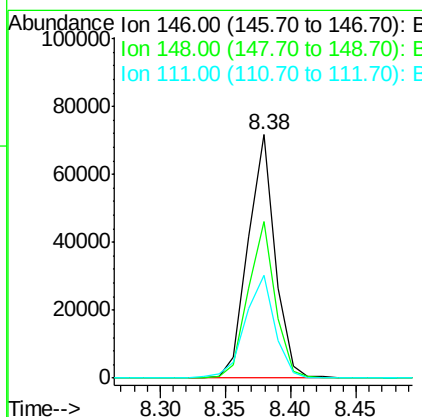
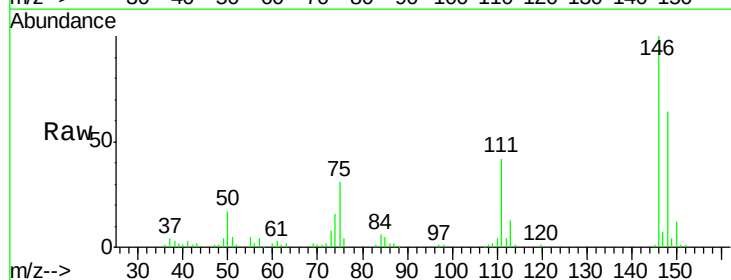
Instrument :
 BNA_F
 ClientSampleId :

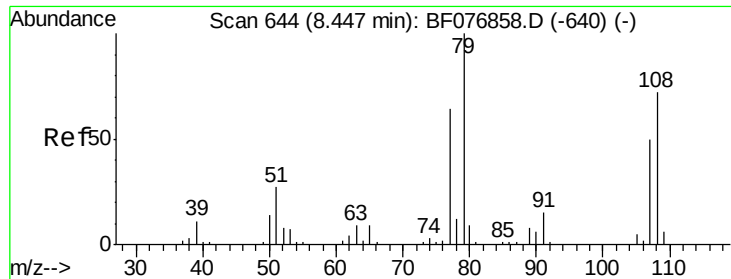
Tot Ion:146 Resp: 104990
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.5 77.3
 111 44.3 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 40.01 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:146 Resp: 103441
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.3 76.9
 111 42.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 8.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampled :

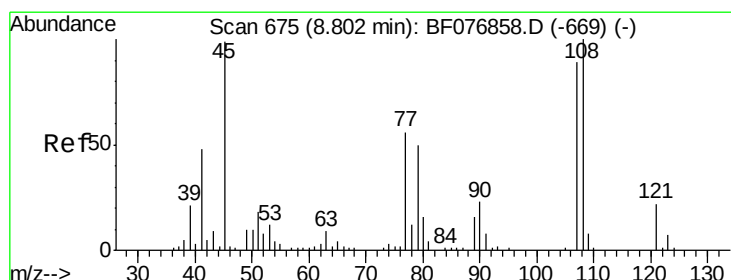
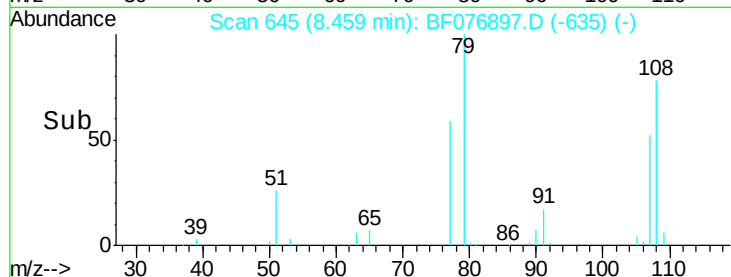
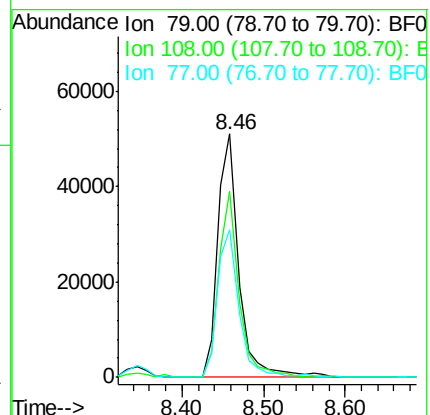
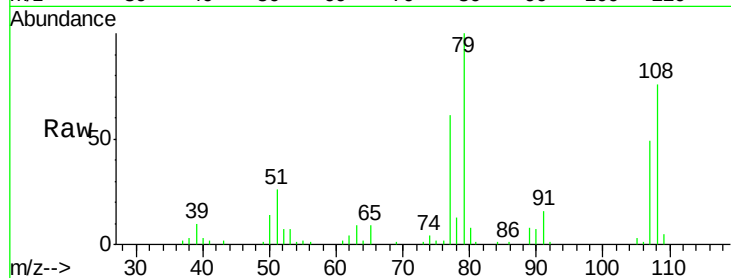
Tot Ion: 79 Resp: 91428

Ion Ratio Lower Upper

79 100

108 76.3 57.2 85.8

77 60.8 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.43 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

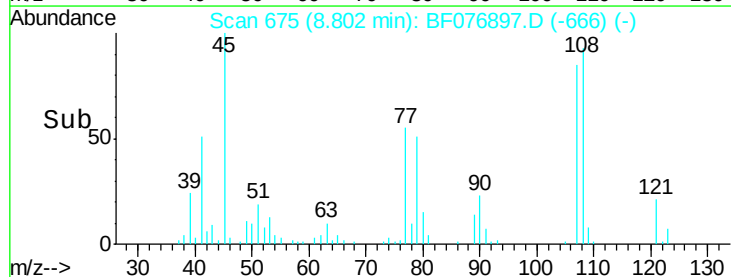
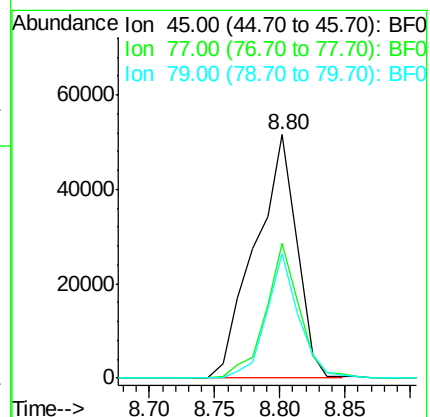
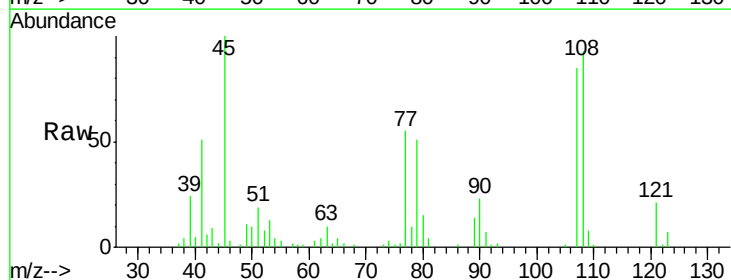
Tgt Ion: 45 Resp: 114933

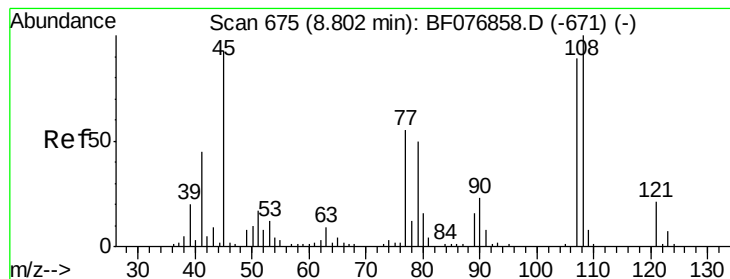
Ion Ratio Lower Upper

45 100

77 55.1 36.1 76.1

79 51.4 30.5 70.5

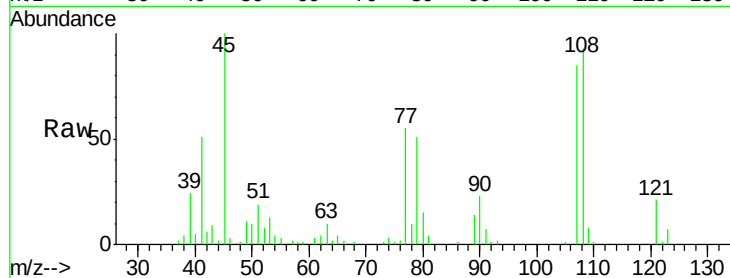




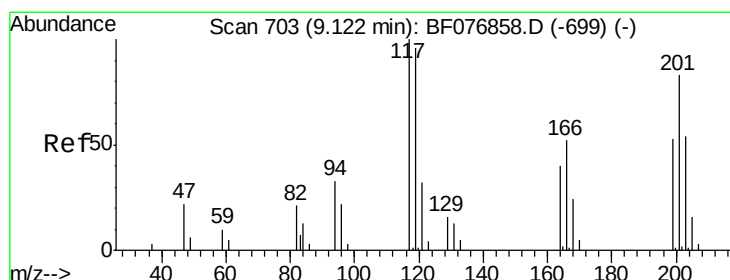
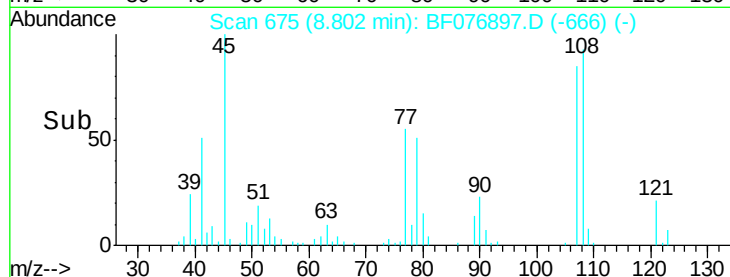
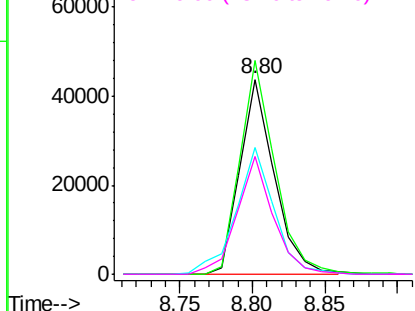
#17
2-Methylphenol
Concen: 37.87 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 71987
Ion Ratio Lower Upper
107 100
108 109.4 89.7 134.5
77 64.9 50.1 75.1
79 60.5 45.0 67.6

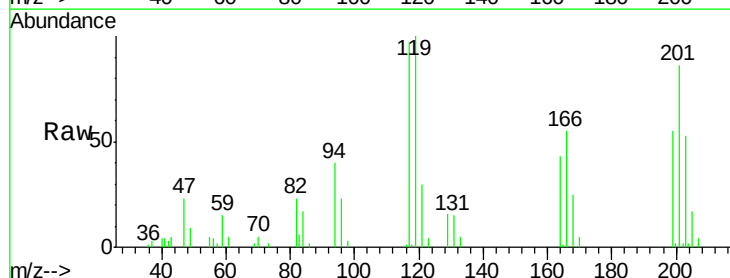


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

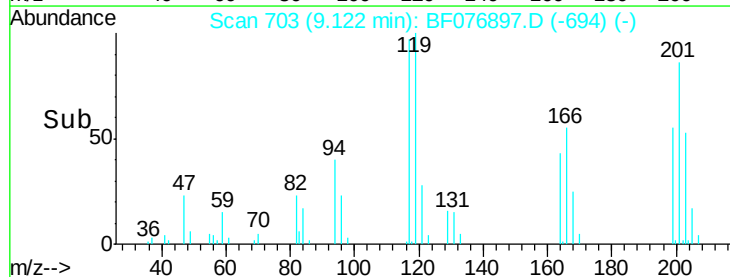
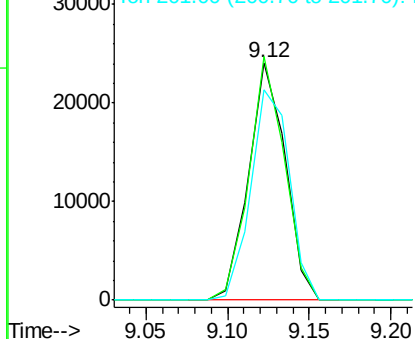


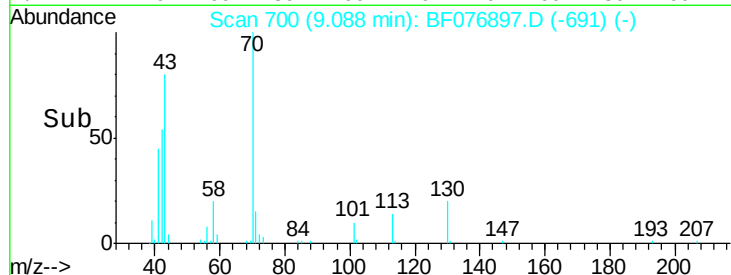
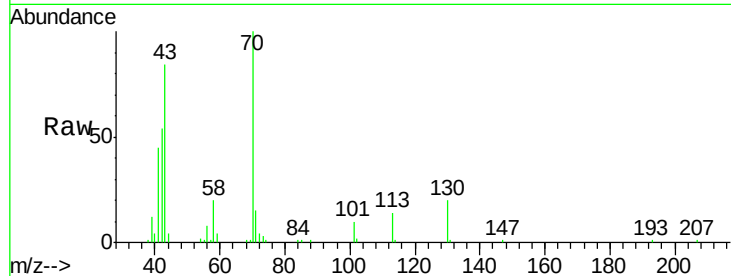
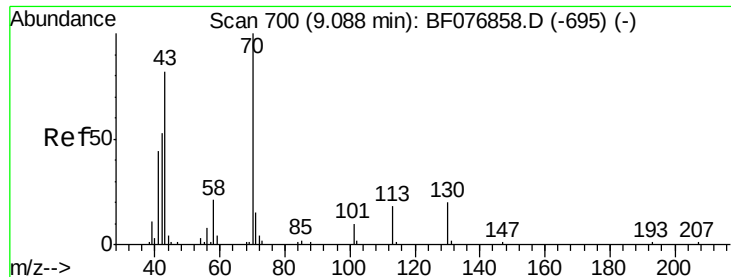
#18
Hexachloroethane
Concen: 38.55 ng
RT: 9.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:117 Resp: 37626
Ion Ratio Lower Upper
117 100
119 102.6 77.1 115.7
201 88.7 66.8 100.2



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

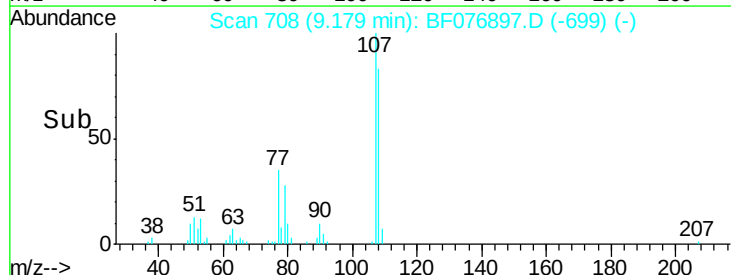
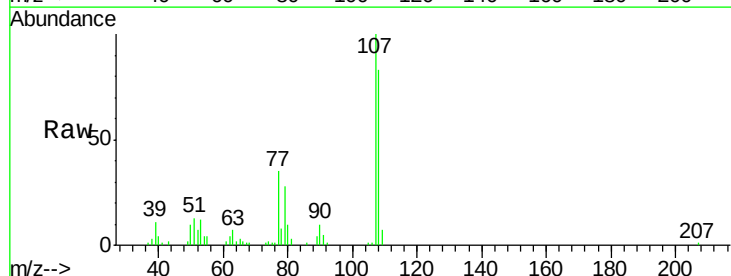
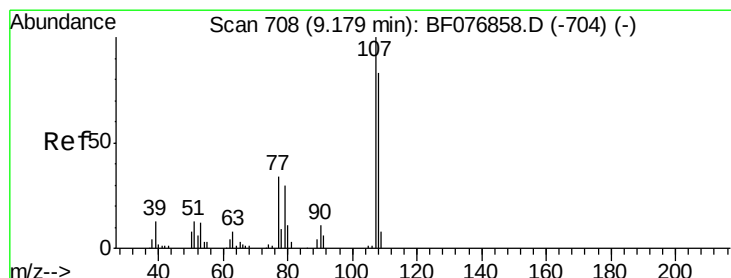
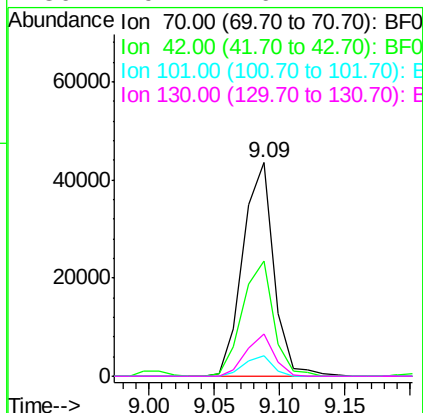




#19
n-Nitroso-di-n-propylamine
Concen: 40.47 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

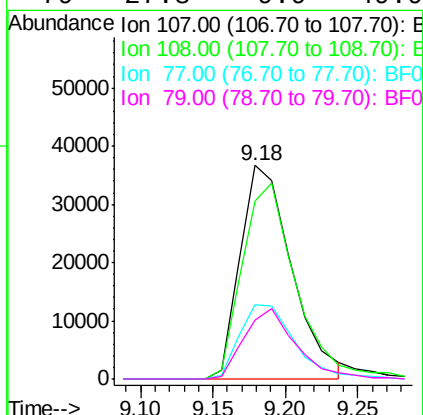
Instrument :
BNA_F
ClientSampleId :

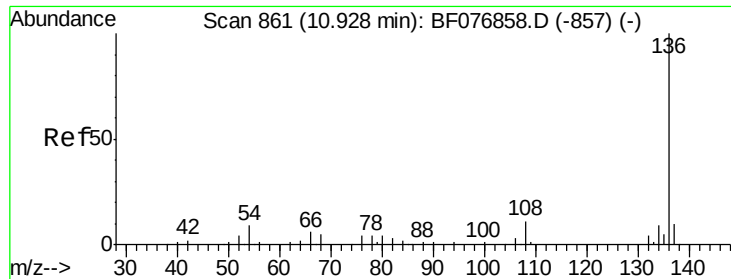
Tot Ion:	70	Resp:	72096
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.1	63.1
101	9.8	7.8	11.8
130	19.7	16.2	24.4



#20
3+4-Methylphenols
Concen: 35.90 ng
RT: 9.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:	107	Resp:	90340
Ion	Ratio	Lower	Upper
107	100		
108	83.1	63.5	103.5
77	34.5	14.0	54.0
79	27.8	9.9	49.9

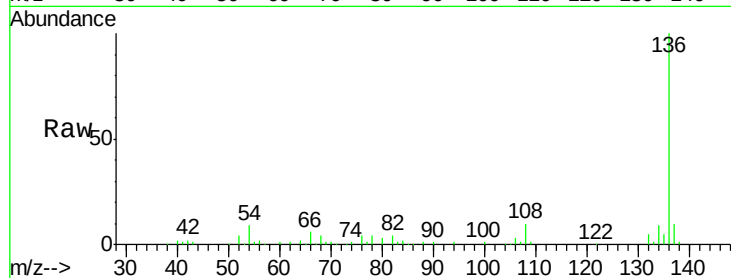




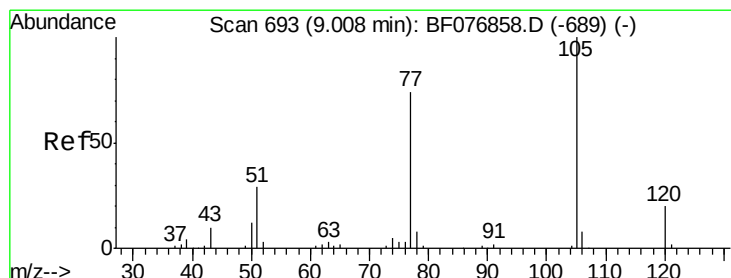
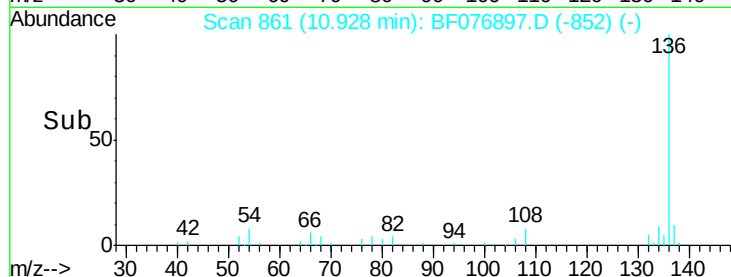
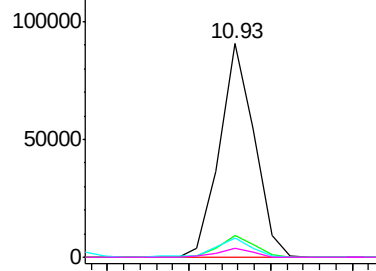
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	134223
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.1	12.1
54 8.8	7.0	10.4
68 4.1	3.7	5.5

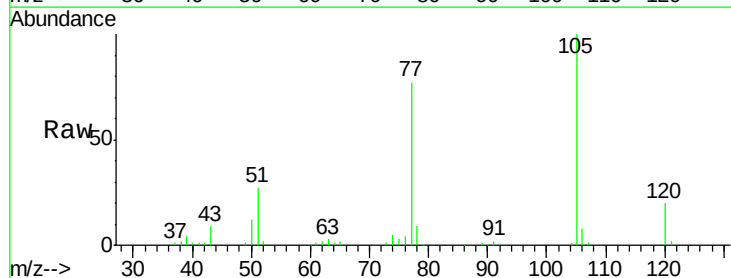


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

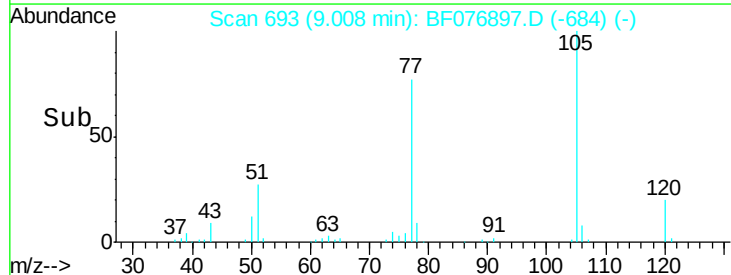
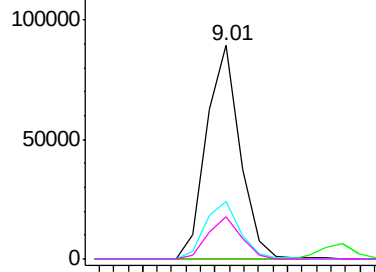


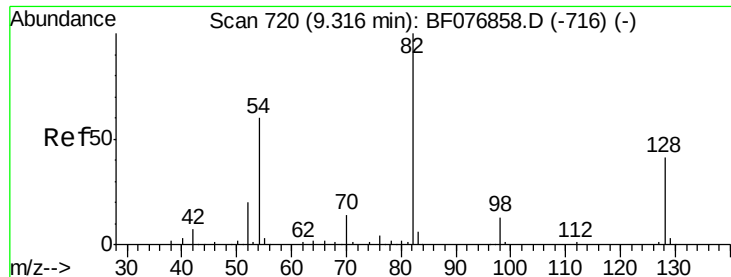
#22
Acetophenone
Concen: 43.60 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt	Ion:105	Resp:	143338
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.2	23.3	34.9
120	20.0	16.1	24.1



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

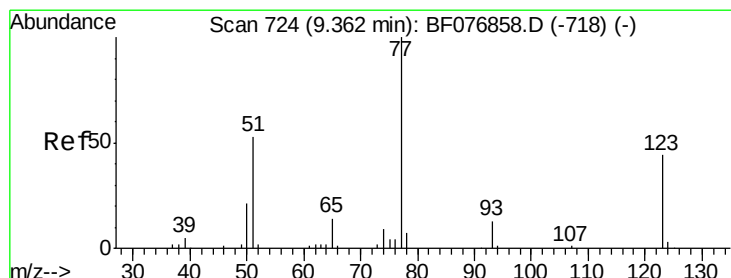
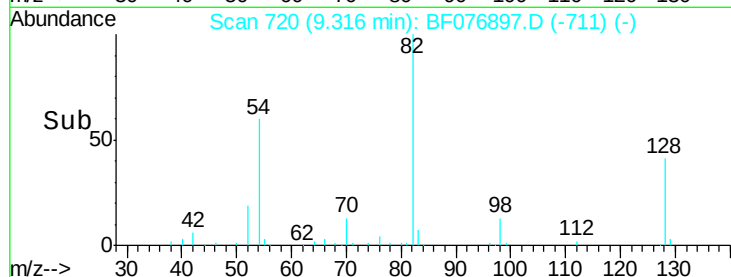
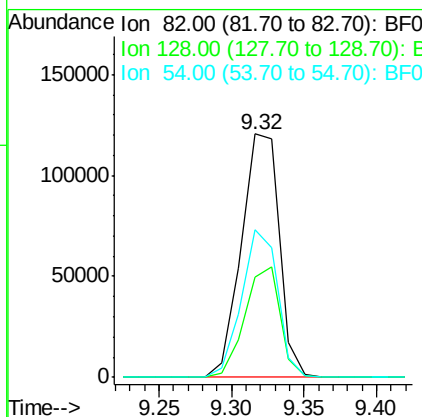
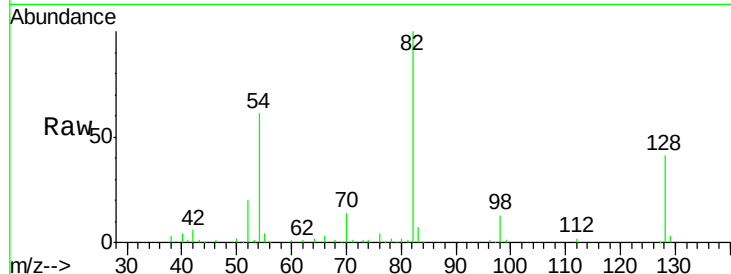




#23
 Nitrobenzene-d5
 Concen: 90.37 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

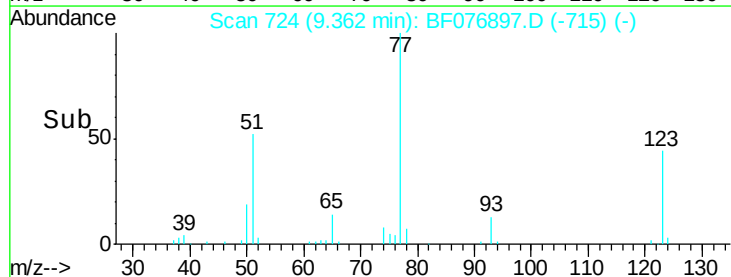
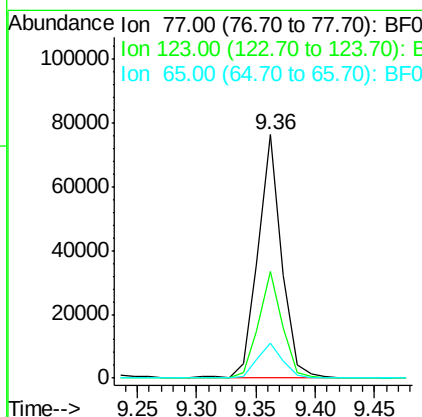
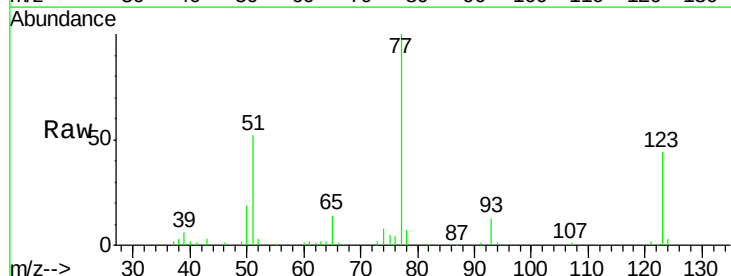
Instrument :
 BNA_F
 ClientSampleId :

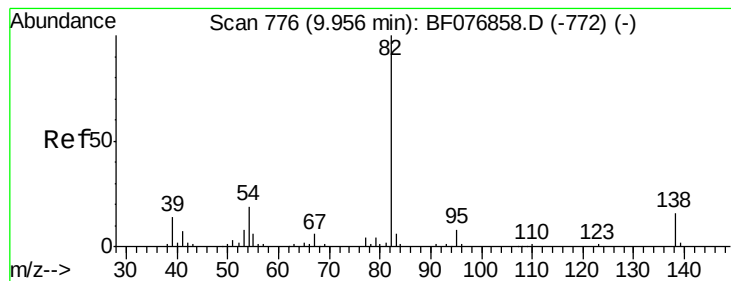
Tot Ion	82	Resp	218948
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.1	49.7
54	60.7	48.3	72.5



#24
 Nitrobenzene
 Concen: 43.09 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion	77	Resp	106344
Ion Ratio	Lower	Upper	
77	100		
123	44.0	35.2	52.8
65	14.4	11.4	17.2





#25

Isophorone

Concen: 41.01 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

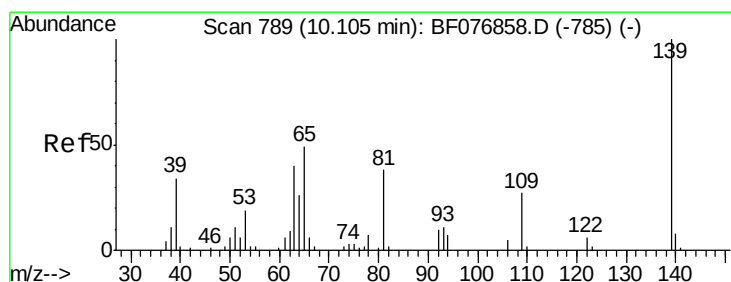
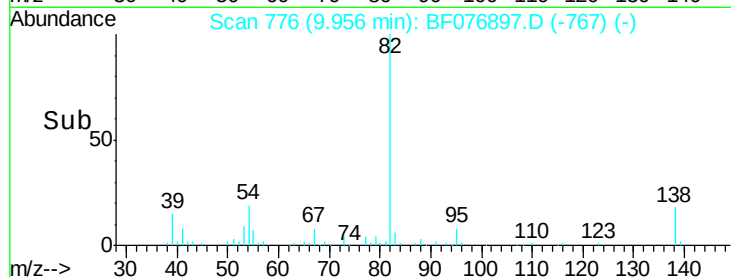
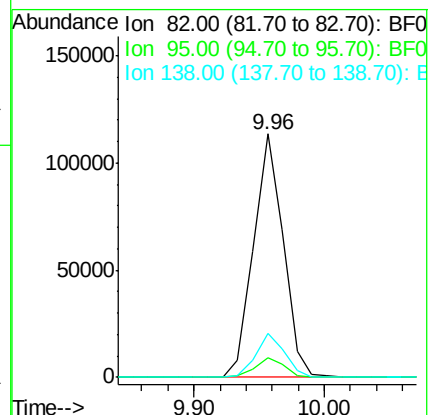
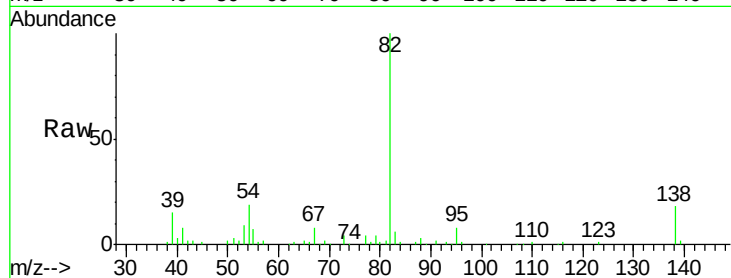
Tot Ion: 82 Resp: 180930

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

138 17.8 12.6 18.8



#26

2-Nitrophenol

Concen: 37.90 ng

RT: 10.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

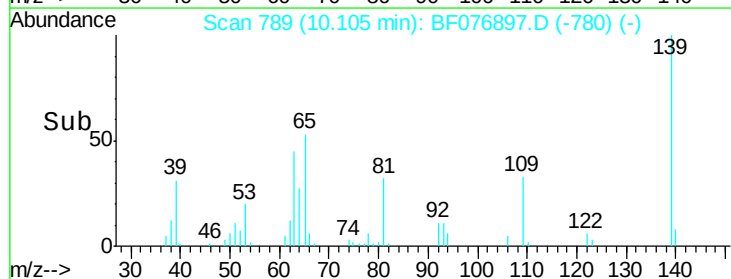
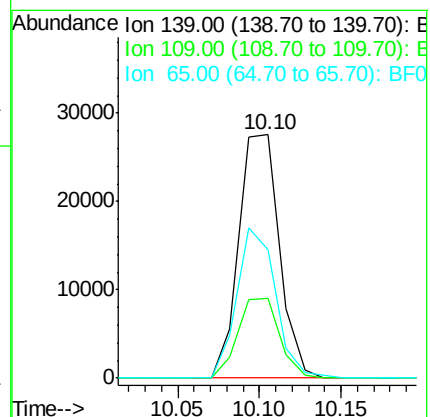
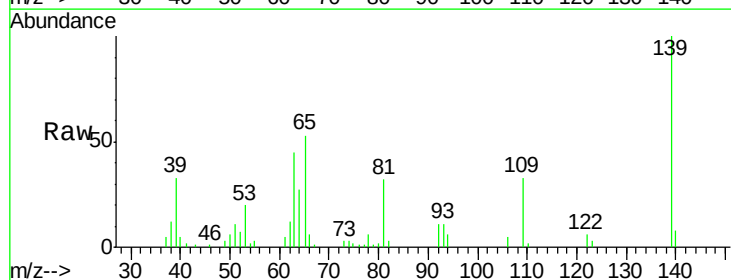
Tgt Ion: 139 Resp: 47409

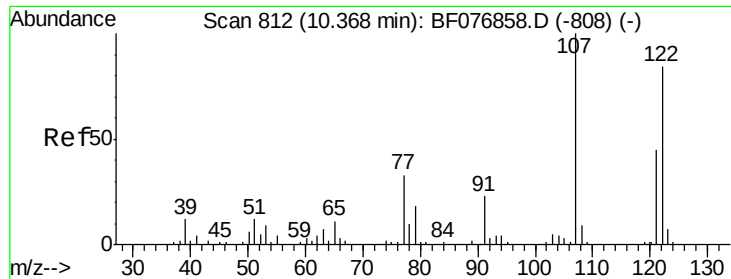
Ion Ratio Lower Upper

139 100

109 32.6 21.3 31.9#

65 52.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 41.85 ng

RT: 10.38 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampled :

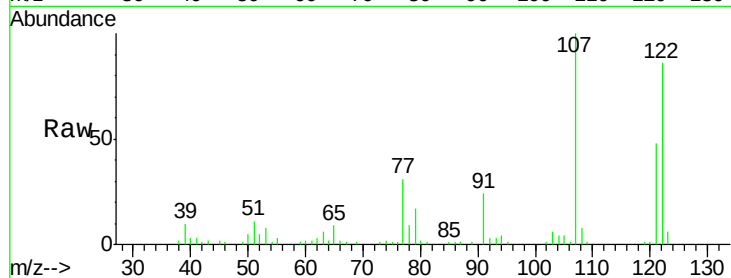
Tot Ion:122 Resp: 79865

Ion Ratio Lower Upper

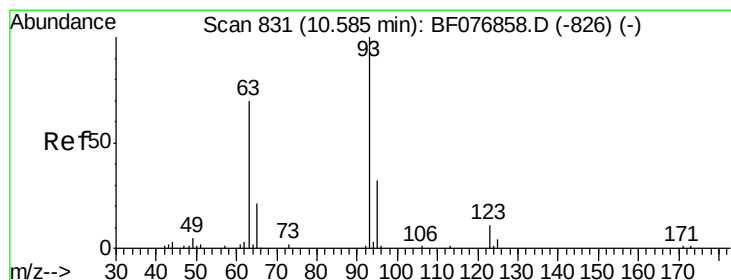
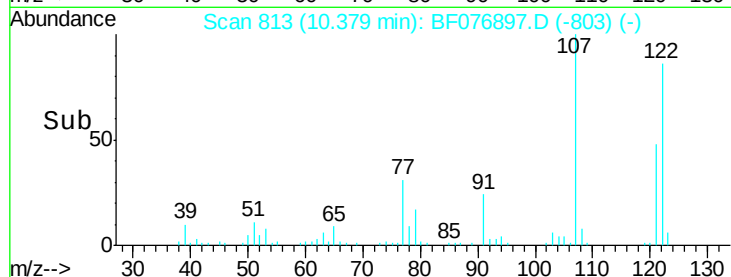
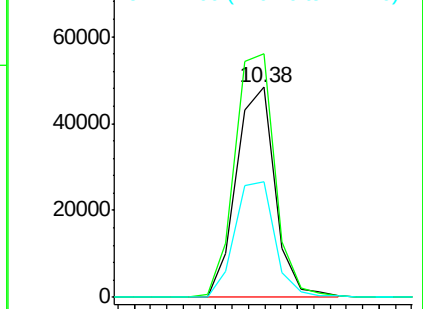
122 100

107 115.9 95.2 142.8

121 55.3 42.9 64.3



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: 44.67 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

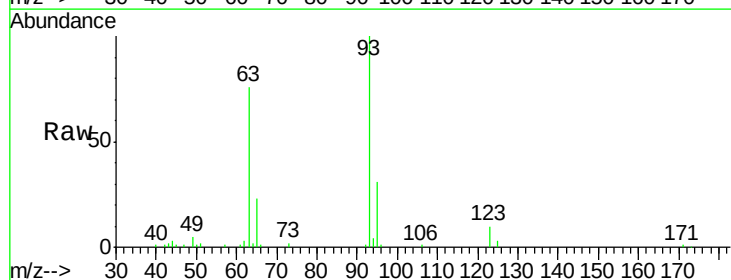
Tgt Ion: 93 Resp: 112020

Ion Ratio Lower Upper

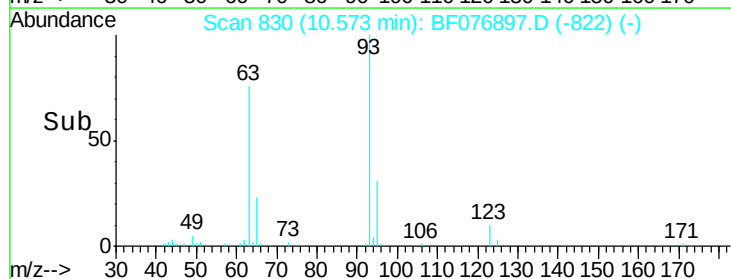
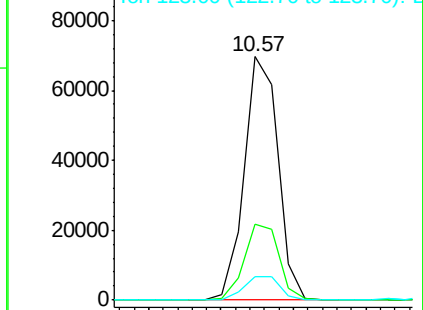
93 100

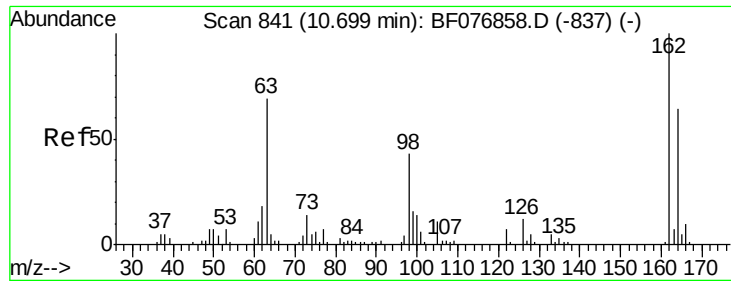
95 31.5 25.6 38.4

123 9.5 8.9 13.3



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

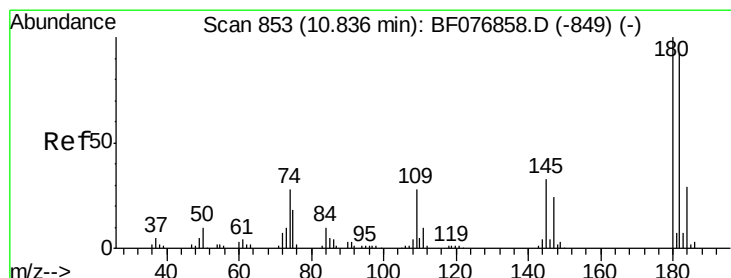
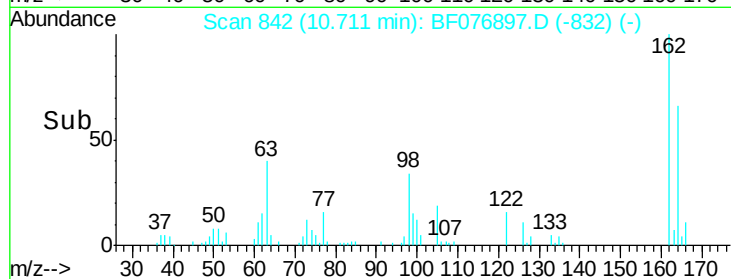
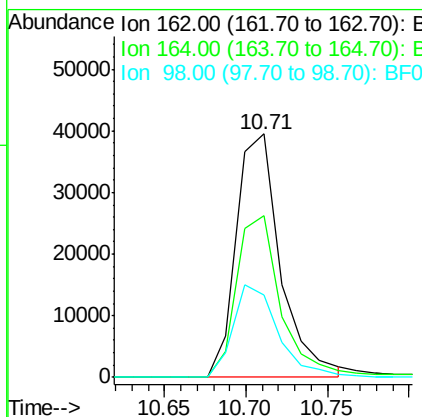
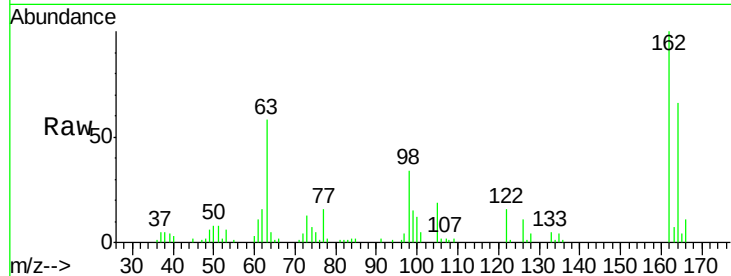




#29
 2,4-Dichlorophenol
 Concen: 41.73 ng
 RT: 10.71 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

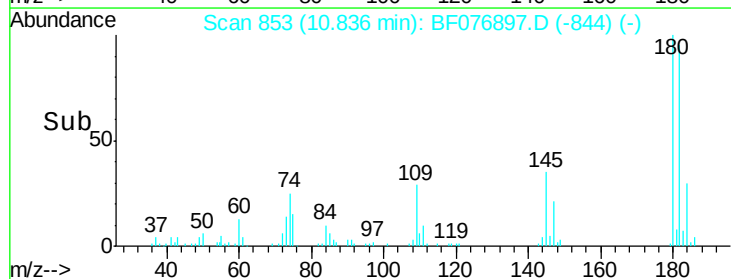
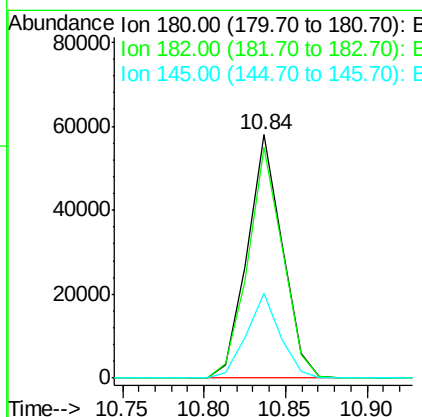
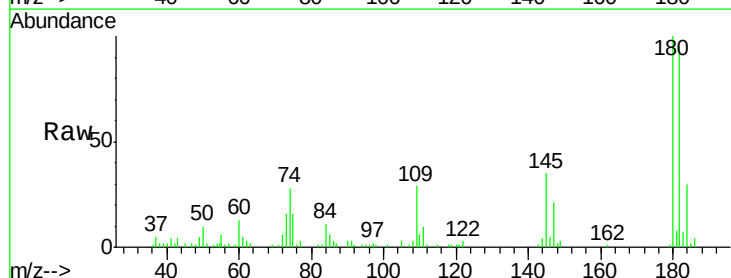
Instrument :
 BNA_F
 ClientSampleId :

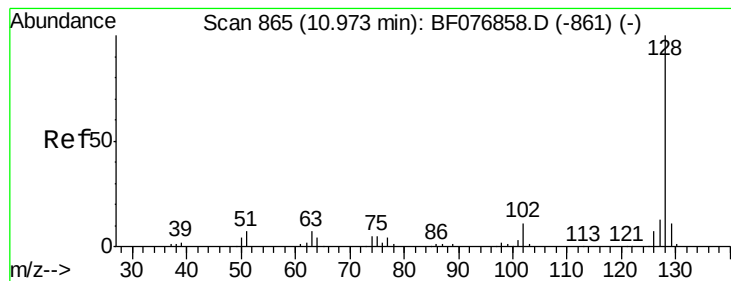
Tot Ion:162 Resp: 74228
 Ion Ratio Lower Upper
 162 100
 164 66.3 43.8 83.8
 98 33.7 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.55 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:180 Resp: 86040
 Ion Ratio Lower Upper
 180 100
 182 94.8 73.6 110.4
 145 35.0 26.6 39.8





#31

Naphthalene

Concen: 41.49 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

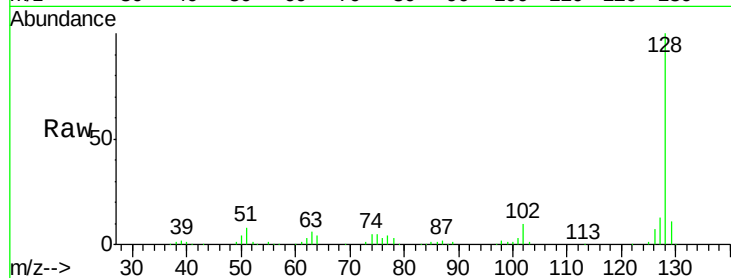
Tot Ion:128 Resp: 286680

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

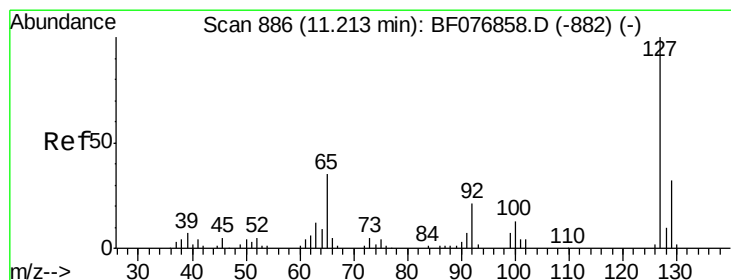
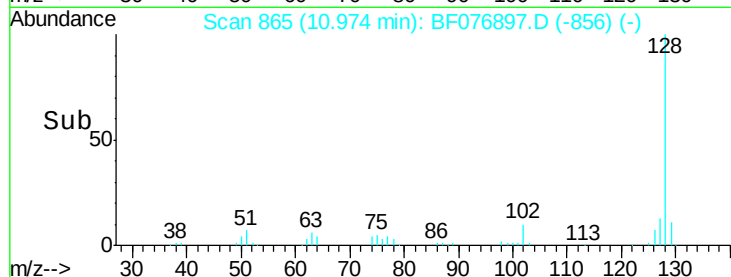
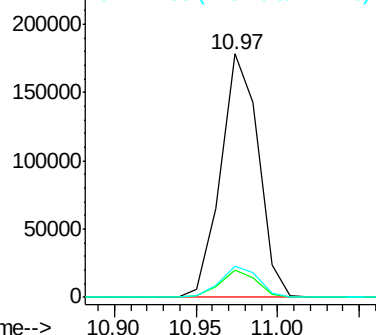
127 12.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 3.71 ng

RT: 11.22 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Tgt Ion:127 Resp: 10372

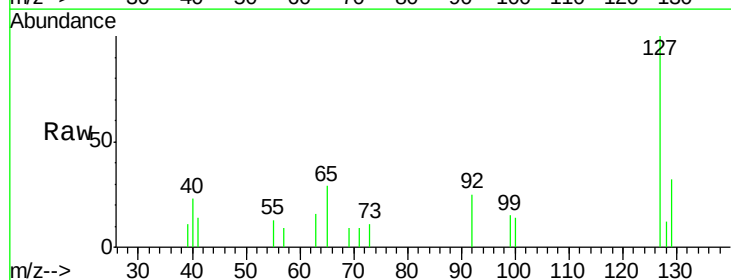
Ion Ratio Lower Upper

127 100

129 32.4 25.3 37.9

65 29.4 27.8 41.6

92 25.5 16.5 24.7#

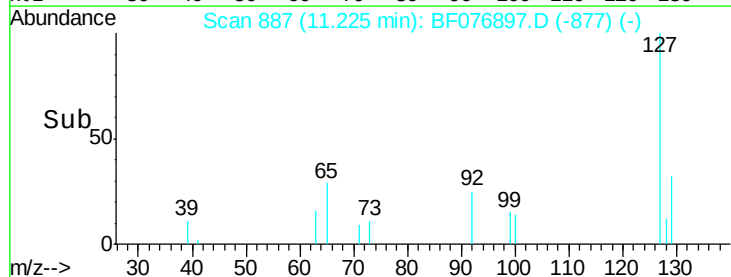
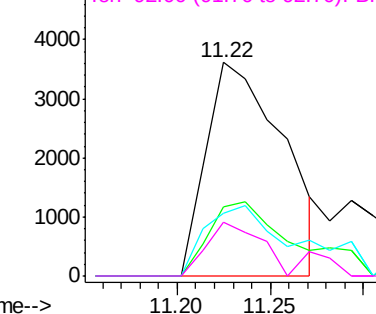


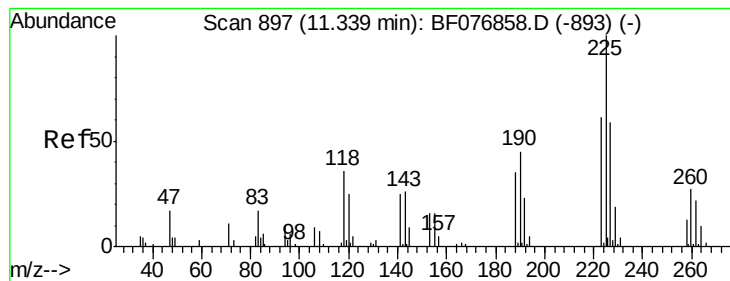
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 38.74 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

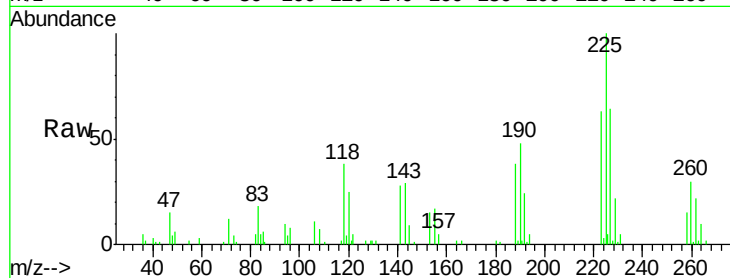
Tot Ion:225 Resp: 45415

Ion Ratio Lower Upper

225 100

223 62.7 49.1 73.7

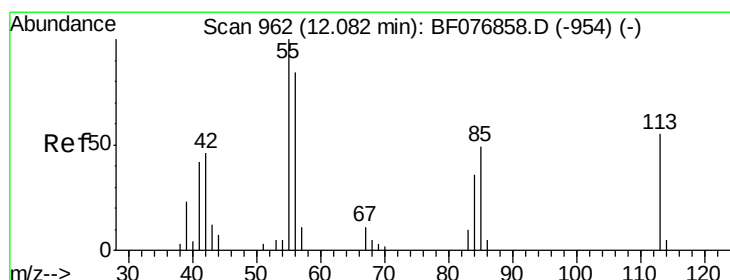
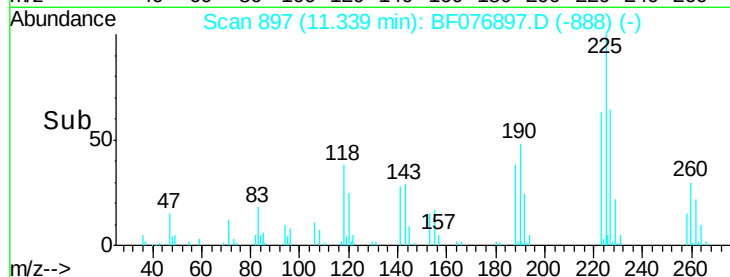
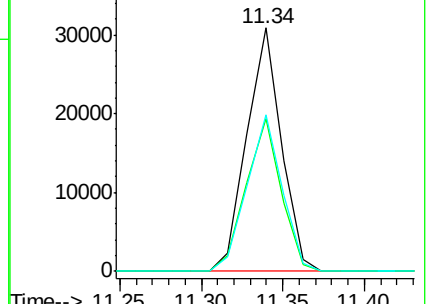
227 64.5 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 27.78 ng

RT: 12.06 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

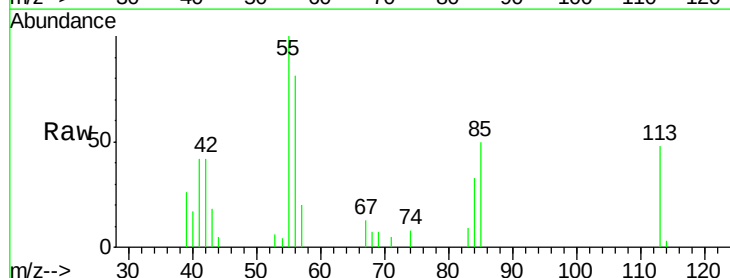
Tgt Ion:113 Resp: 14548

Ion Ratio Lower Upper

113 100

55 209.9 162.1 202.1#

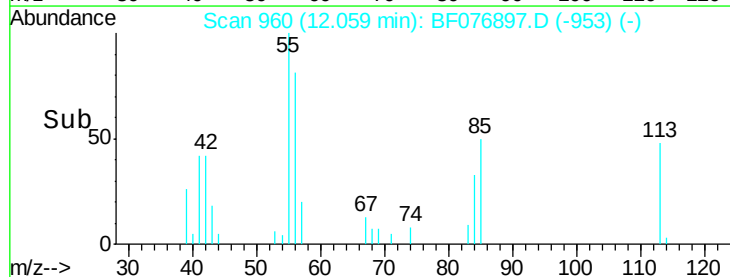
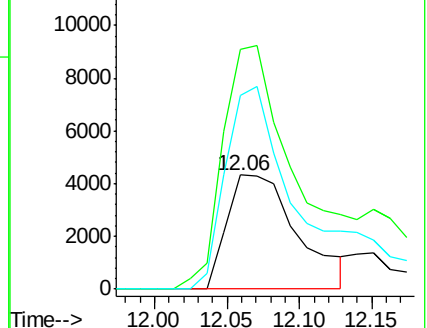
56 169.6 133.7 173.7

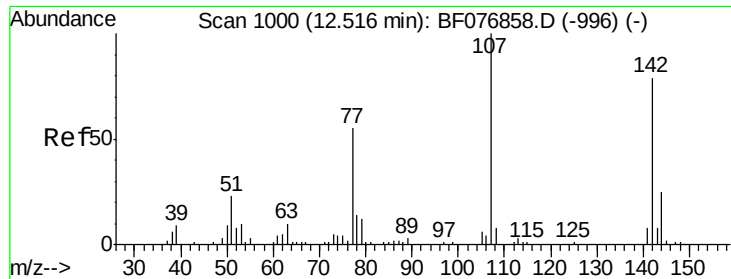


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

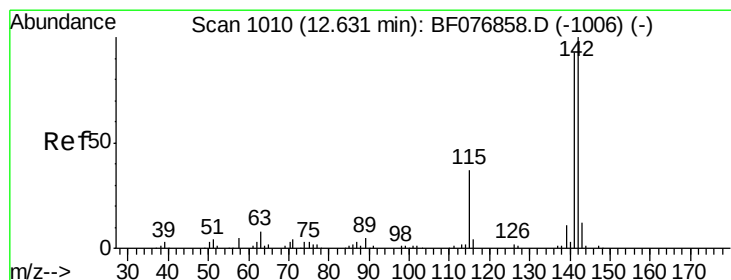
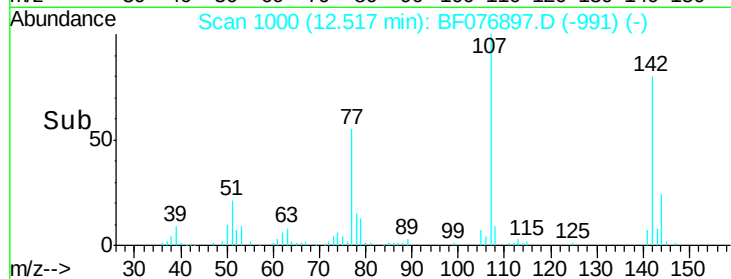
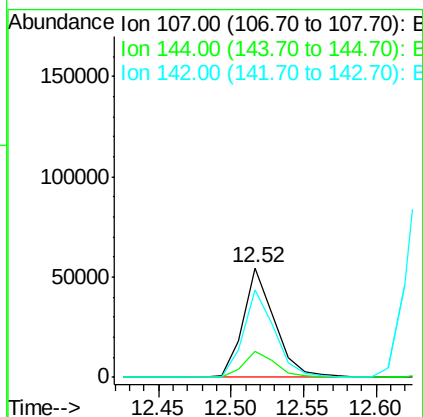
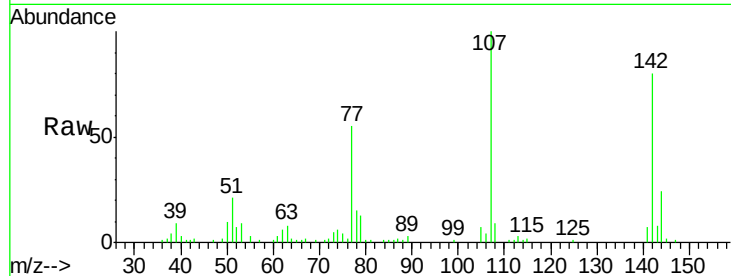




#36
 4-Chloro-3-methylphenol
 Concen: 40.35 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

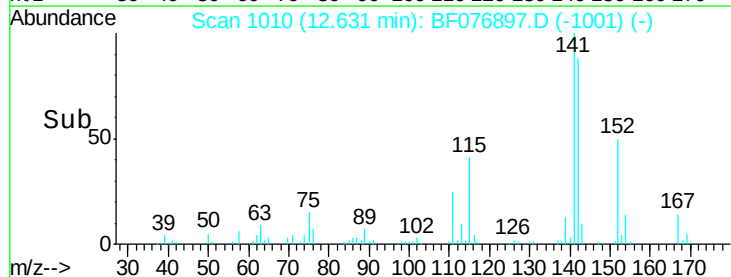
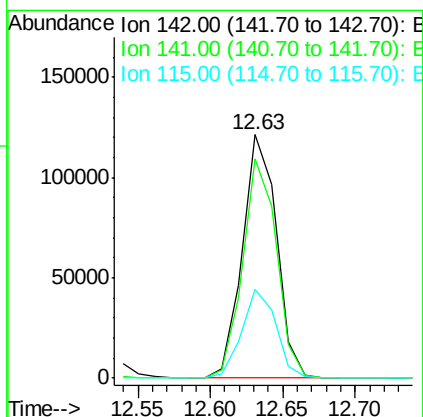
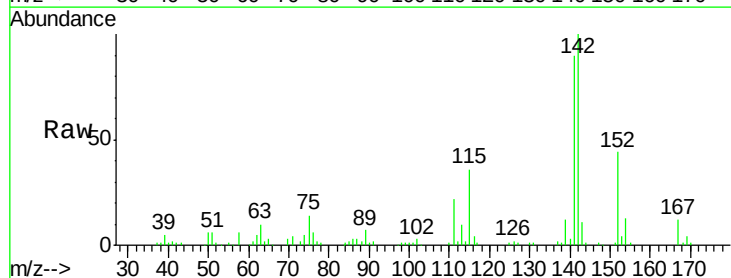
Instrument :
 BNA_F
 ClientSampleID :

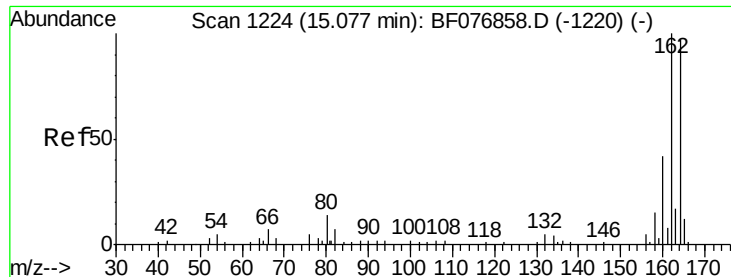
Tot Ion:107 Resp: 82182
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.0 30.0
 142 80.4 63.5 95.3



#37
 2-Methylnaphthalene
 Concen: 41.99 ng
 RT: 12.63 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:142 Resp: 198153
 Ion Ratio Lower Upper
 142 100
 141 90.3 74.5 111.7
 115 36.3 29.7 44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

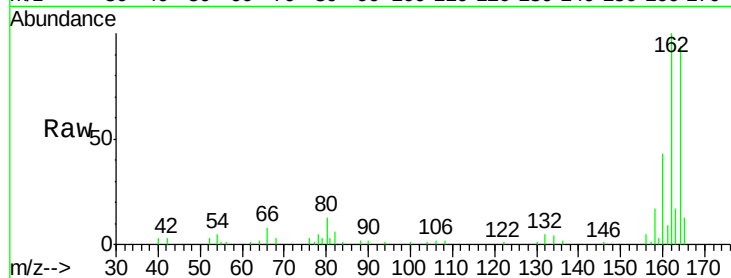
Tot Ion:164 Resp: 67213

Ion Ratio Lower Upper

164 100

162 105.9 82.4 123.6

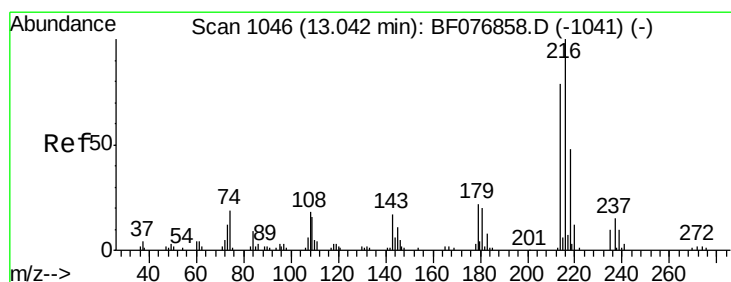
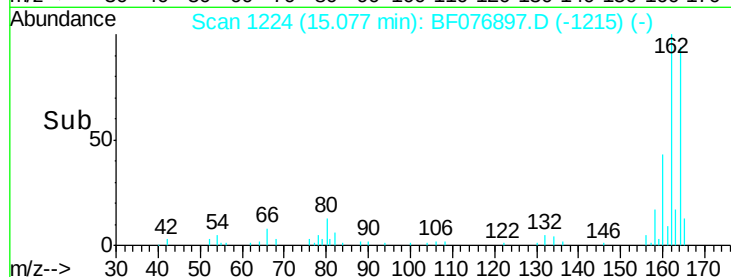
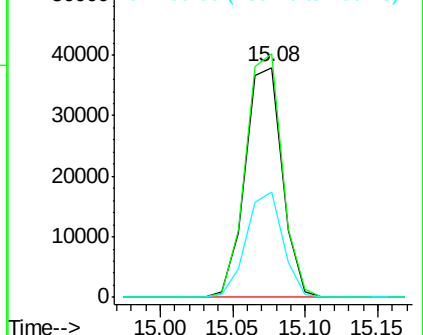
160 45.6 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.90 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Tgt Ion:216 Resp: 76276

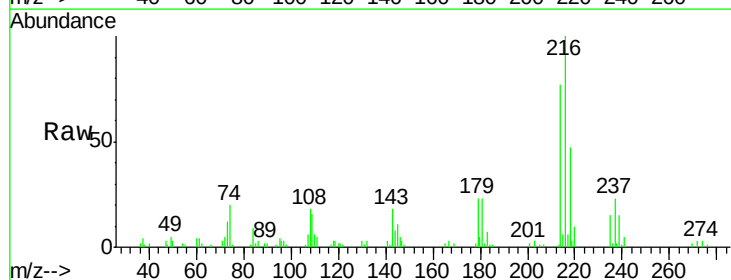
Ion Ratio Lower Upper

216 100

214 78.7 64.9 97.3

179 23.9 18.6 28.0

108 23.2 18.1 27.1

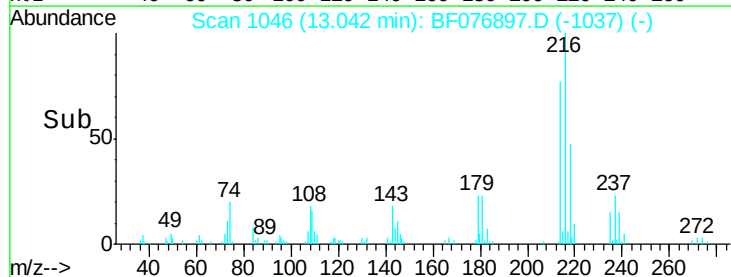
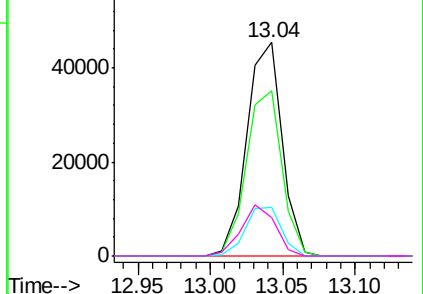


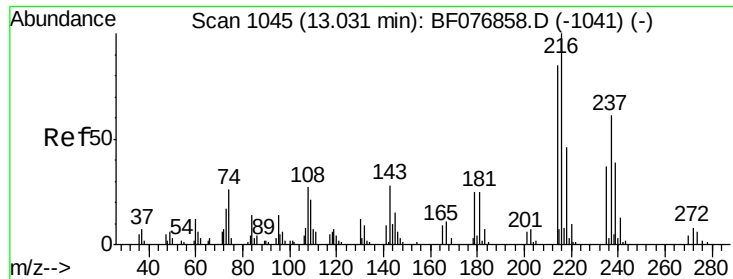
Abundance Ion 216.00 (215.70 to 216.70): E

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

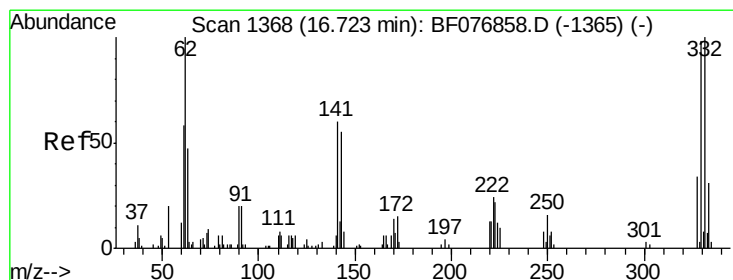
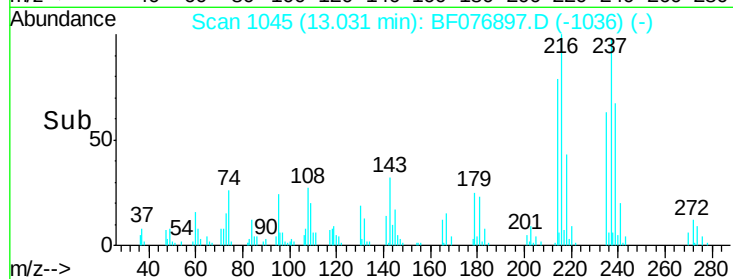
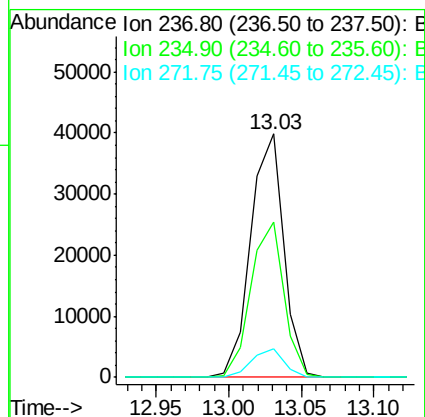
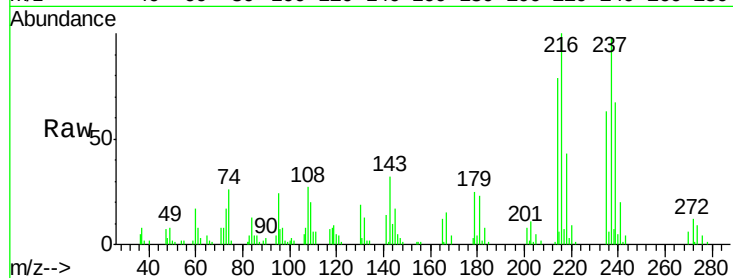




#40
Hexachlorocyclopentadiene
Concen: 70.91 ng
RT: 13.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

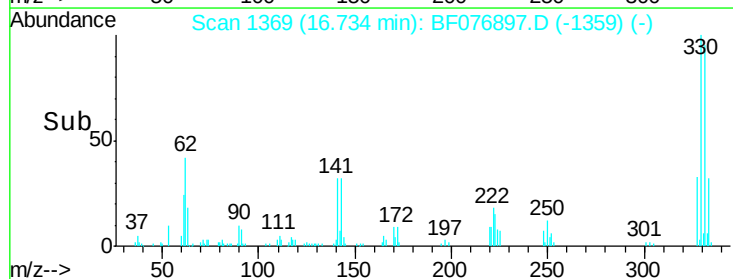
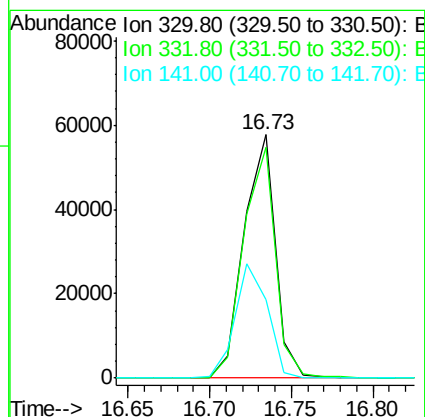
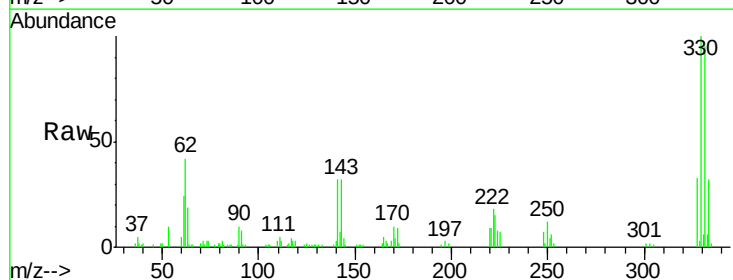
Instrument :
BNA_F
ClientSampled :

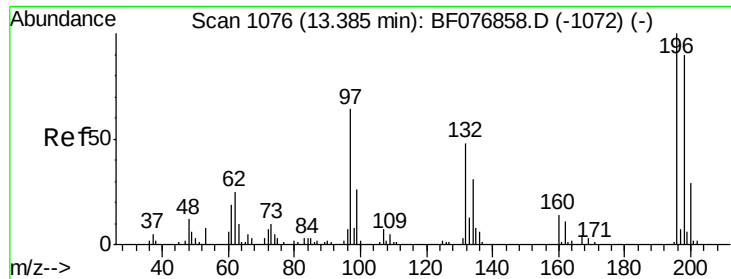
Tot Ion:237 Resp: 62938
Ion Ratio Lower Upper
237 100
235 63.9 40.4 80.4
272 11.7 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 141.11 ng
RT: 16.73 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:330 Resp: 76988
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 48.1 38.5 57.7

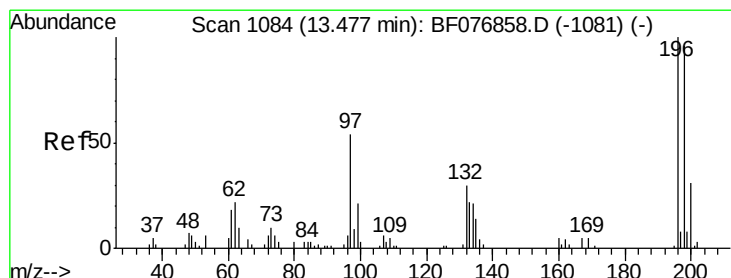
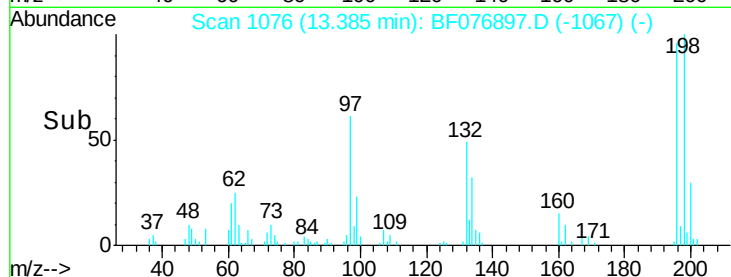
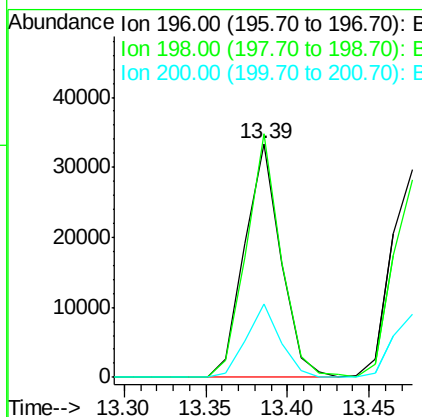
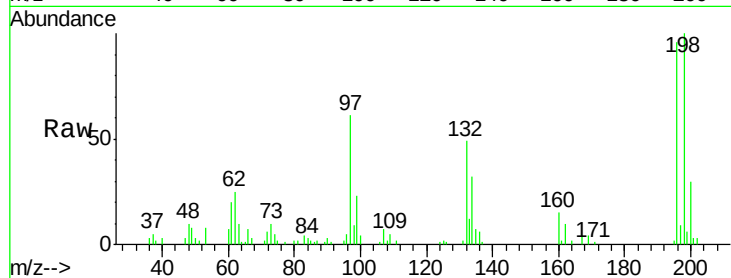




#42
2,4,6-Trichlorophenol
Concen: 42.26 ng
RT: 13.39 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

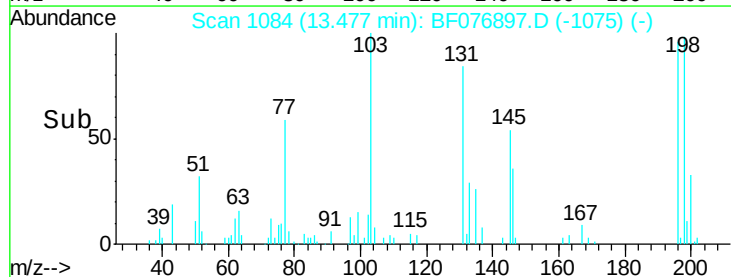
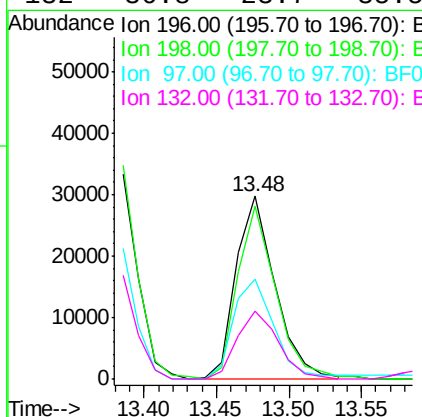
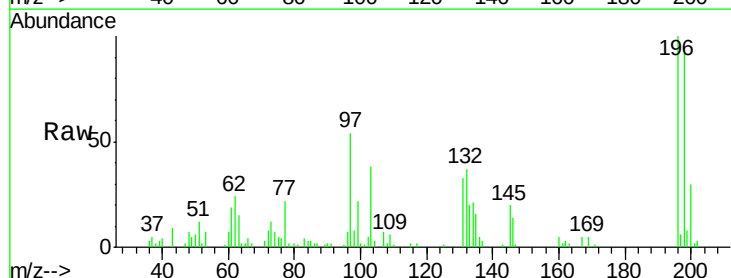
Instrument :
BNA_F
ClientSampled :

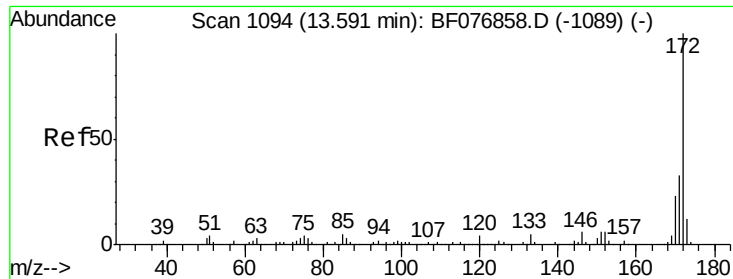
Tot Ion:196 Resp: 51168
Ion Ratio Lower Upper
196 100
198 104.3 72.0 108.0
200 31.5 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 45.22 ng
RT: 13.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:196 Resp: 55844
Ion Ratio Lower Upper
196 100
198 94.7 76.6 115.0
97 54.4 43.4 65.0
132 36.8 23.7 35.5#

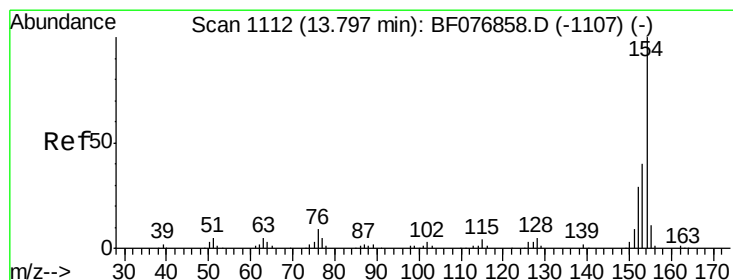
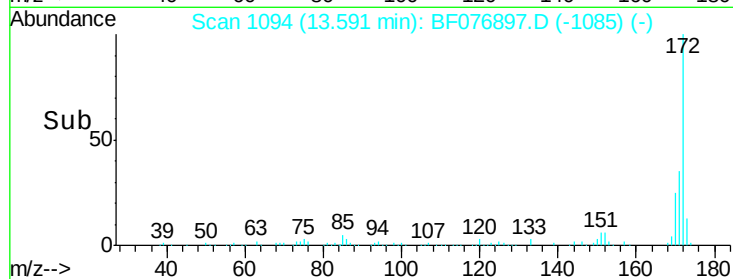
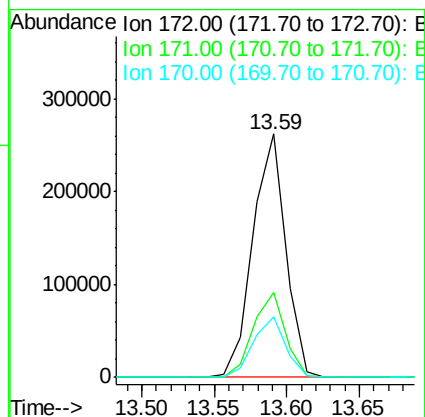
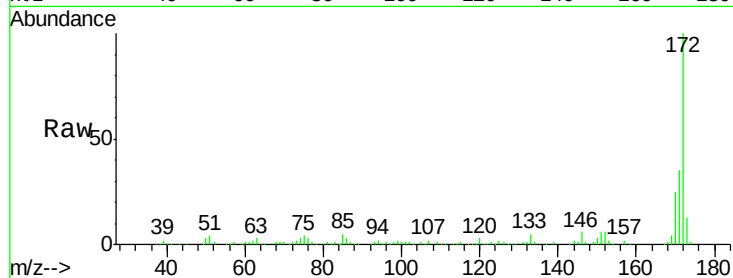




#44
 2-Fluorobiphenyl
 Concen: 93.03 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

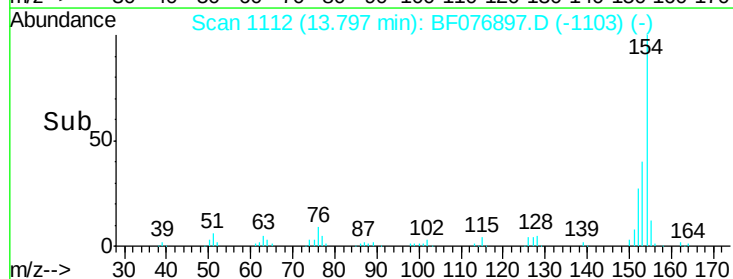
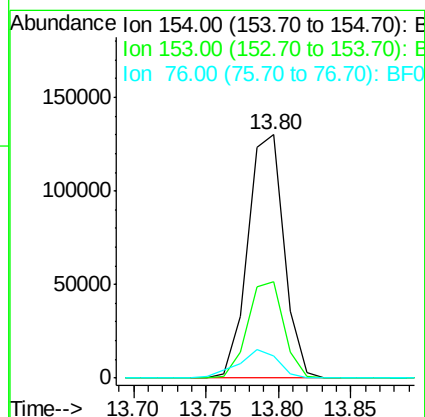
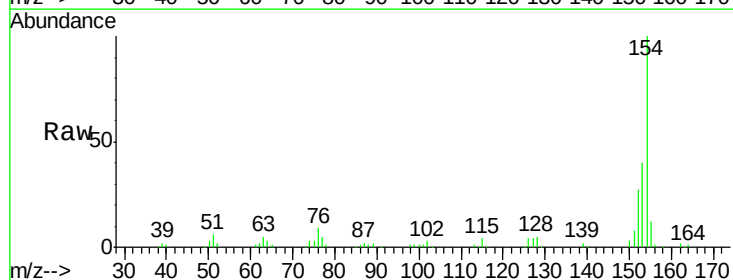
Instrument :
 BNA_F
 ClientSampleId :

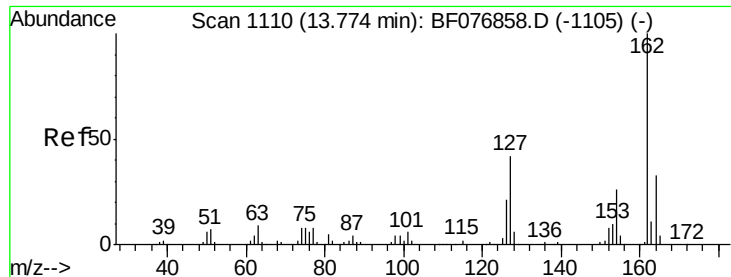
Tot Ion:172 Resp: 410883
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 24.7 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 45.15 ng
 RT: 13.80 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:154 Resp: 224982
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.2 60.2
 76 9.2 0.0 29.0

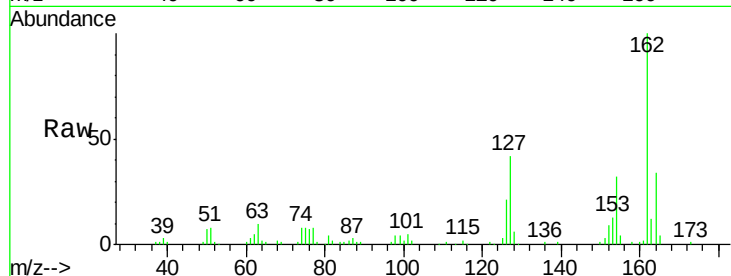




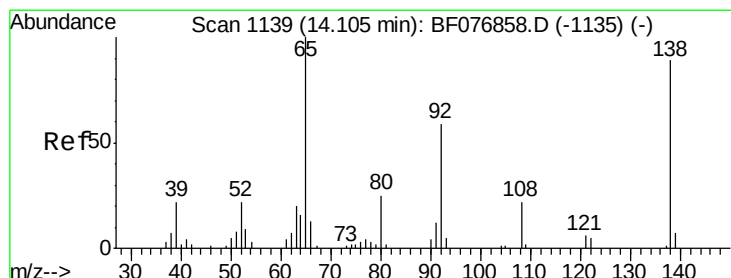
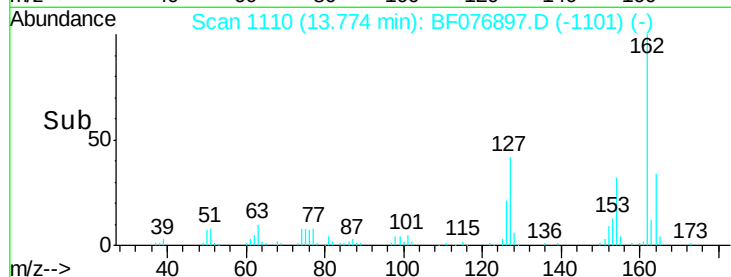
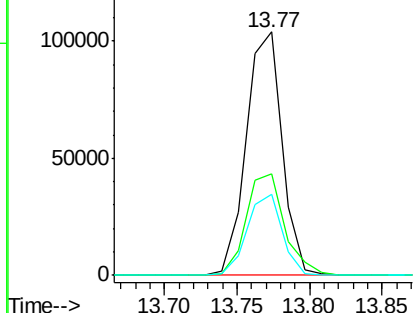
#46
 2-Chloronaphthalene
 Concen: 43.48 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 178265
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.8 50.6
 164 33.5 26.8 40.2

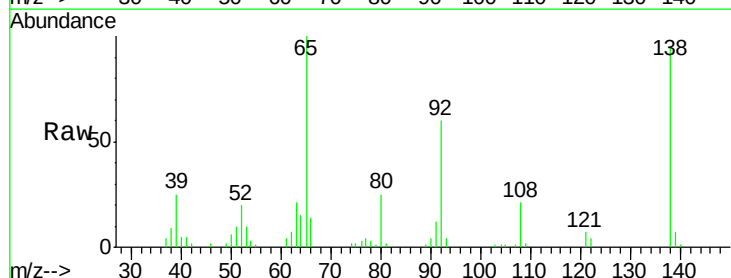


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

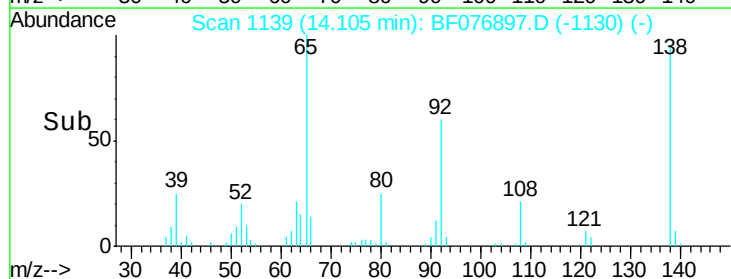
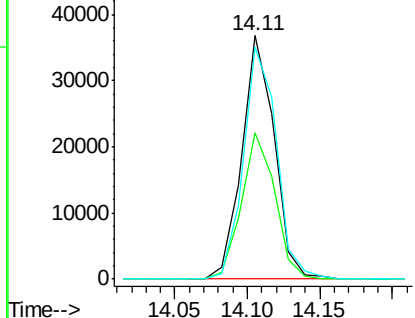


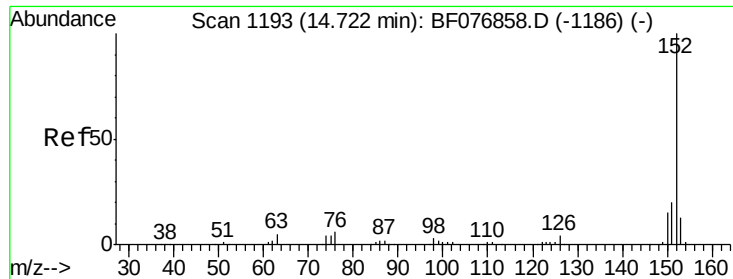
#47
 2-Nitroaniline
 Concen: 45.78 ng
 RT: 14.11 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion: 65 Resp: 56942
 Ion Ratio Lower Upper
 65 100
 92 60.2 47.3 70.9
 138 95.1 71.4 107.2



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





#48

Acenaphthylene

Concen: 41.23 ng

RT: 14.72 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampled :

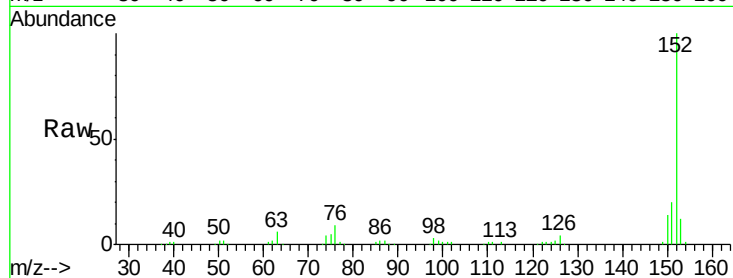
Tot Ion:152 Resp: 285129

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

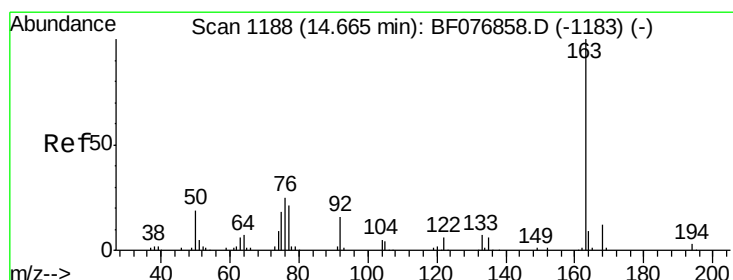
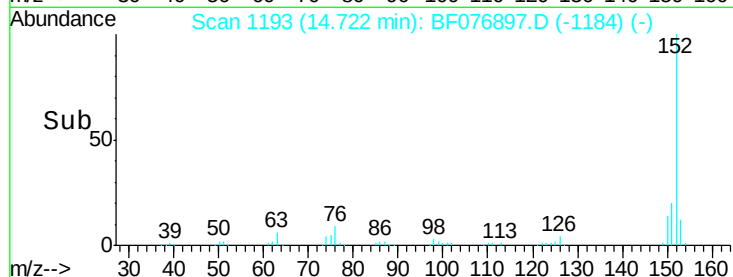
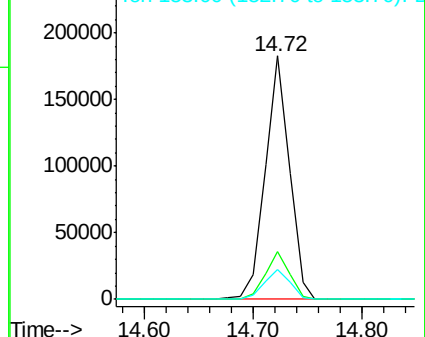
153 12.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 156.57 ng

RT: 14.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

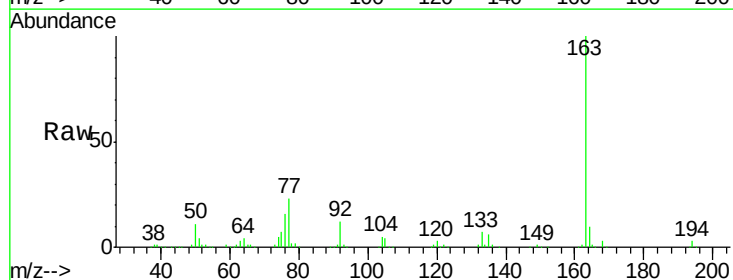
Tgt Ion:163 Resp: 746279

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

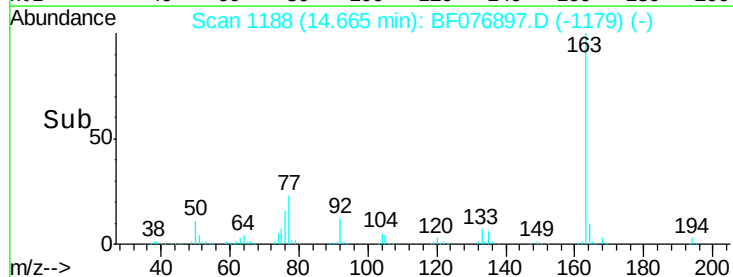
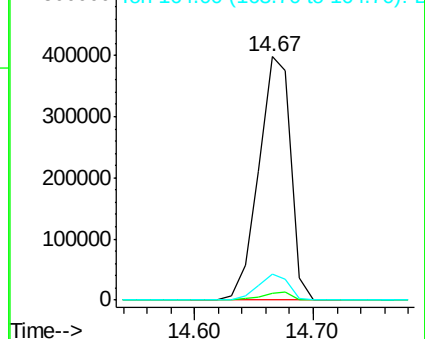
164 10.4 7.5 11.3

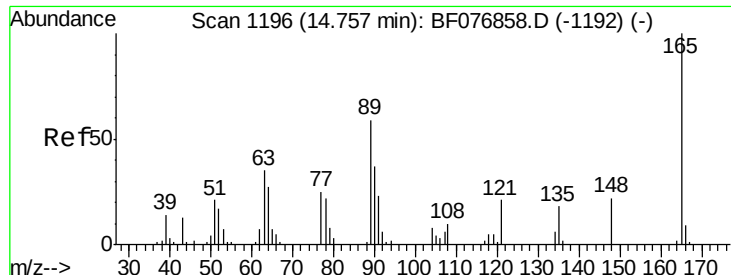


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

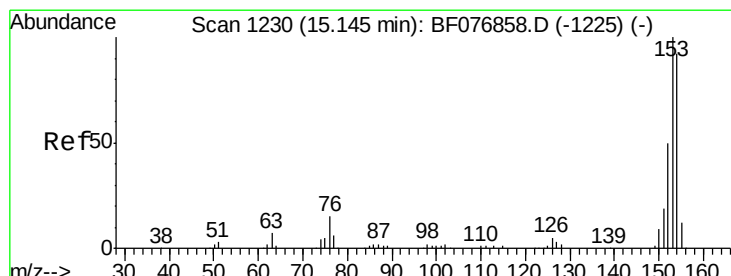
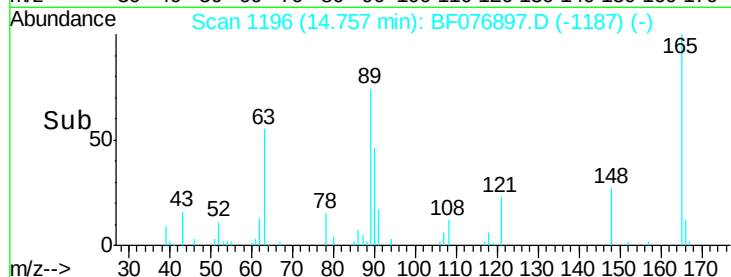
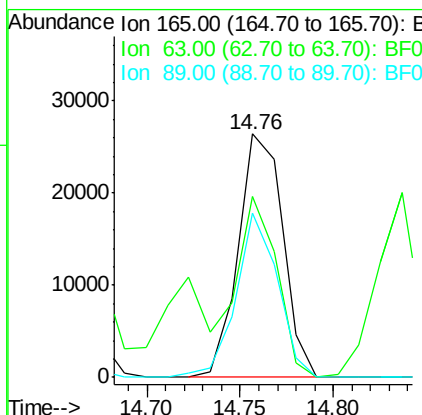
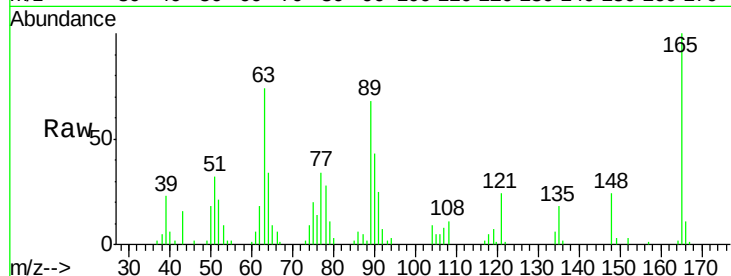




#50
 2,6-Dinitrotoluene
 Concen: 45.96 ng
 RT: 14.76 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

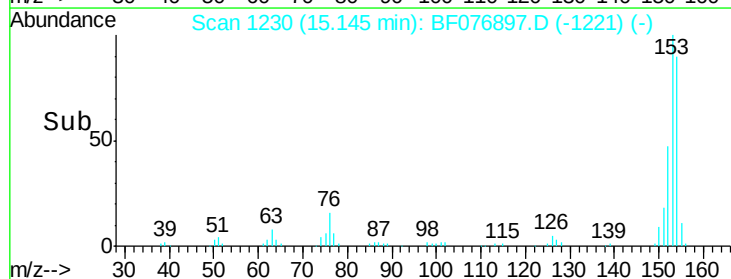
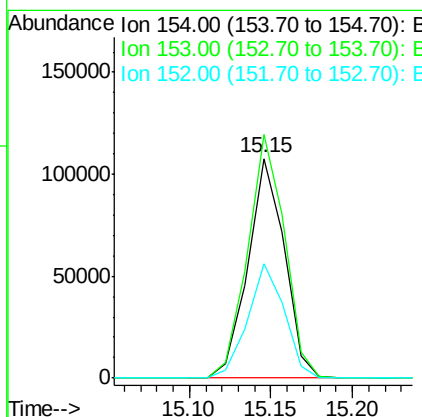
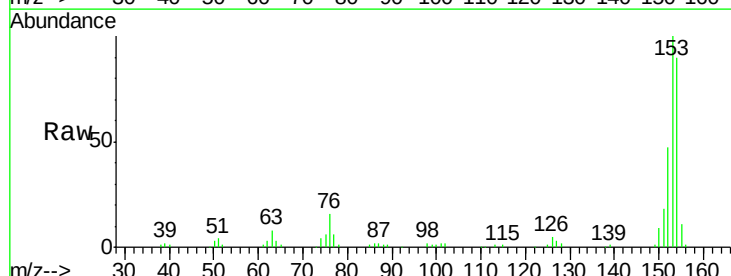
Instrument :
 BNA_F
 ClientSampleId :

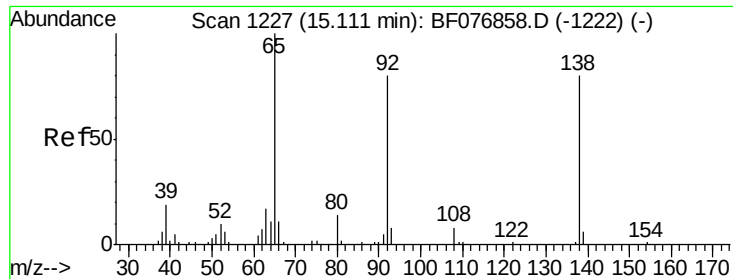
Tot Ion:165 Resp: 43773
 Ion Ratio Lower Upper
 165 100
 63 74.3 48.1 72.1#
 89 67.5 47.2 70.8



#51
 Acenaphthene
 Concen: 42.66 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:154 Resp: 167389
 Ion Ratio Lower Upper
 154 100
 153 110.9 87.0 130.6
 152 52.2 43.5 65.3

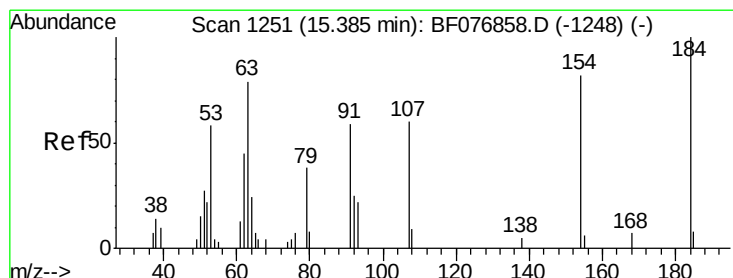
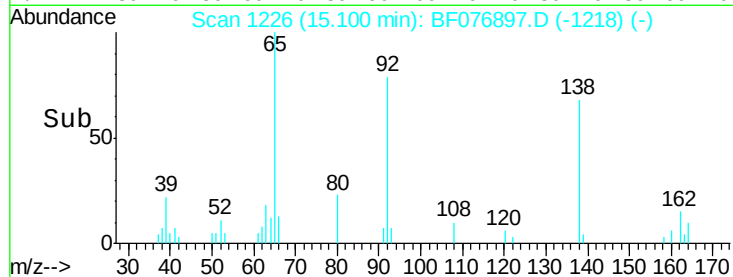
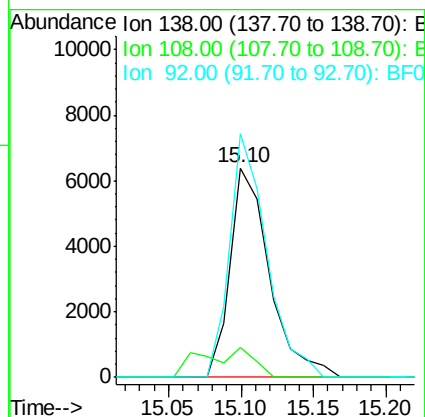
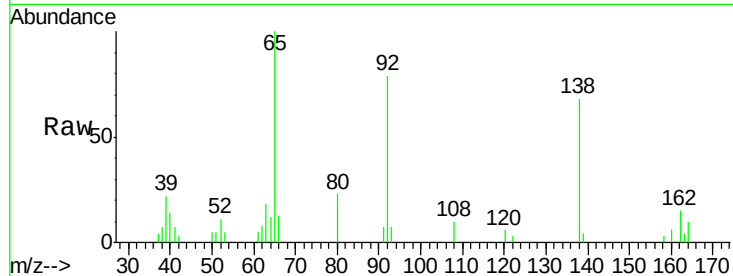




#52
3-Nitroaniline
Concen: 11.13 ng
RT: 15.10 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

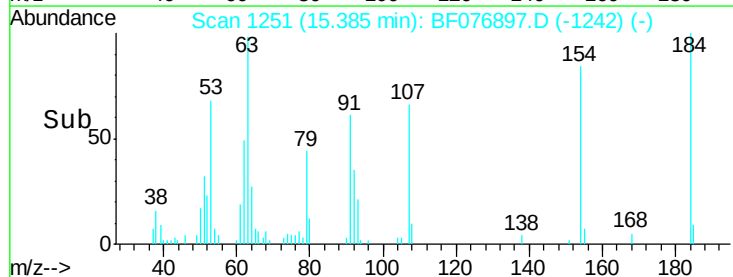
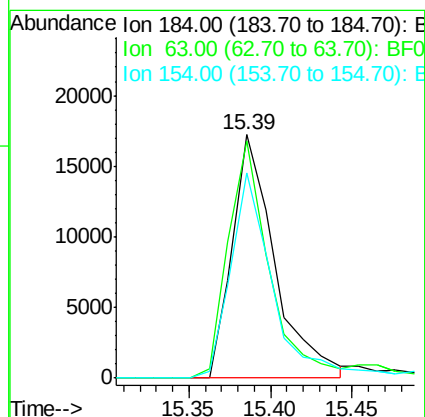
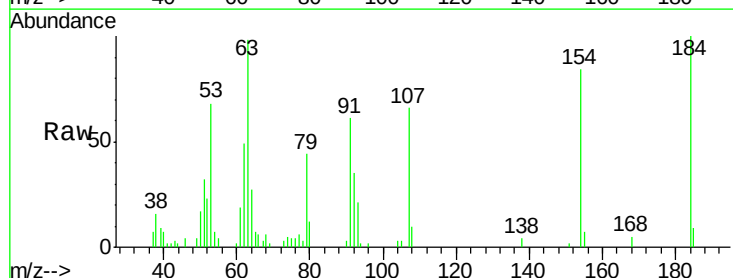
Instrument :
BNA_F
ClientSampled :

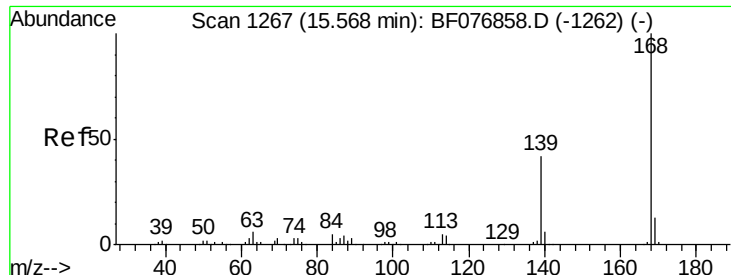
Tot Ion:138 Resp: 12036
Ion Ratio Lower Upper
138 100
108 14.2 8.3 12.5#
92 116.5 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 71.43 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:184 Resp: 31264
Ion Ratio Lower Upper
184 100
63 97.6 63.0 94.6#
154 84.2 65.5 98.3

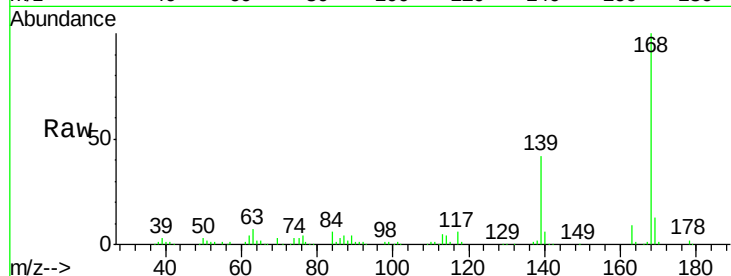




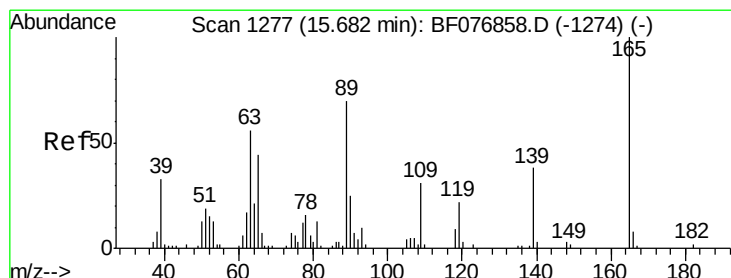
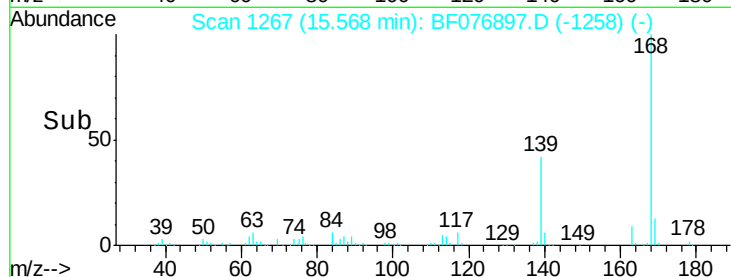
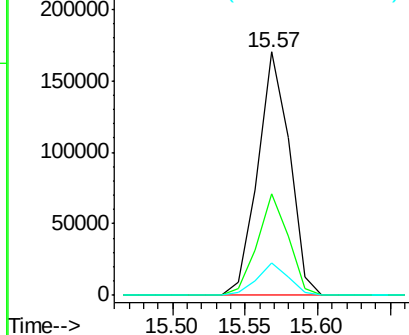
#54
Dibenzenofuran
Concen: 45.18 ng
RT: 15.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 258271
Ion Ratio Lower Upper
168 100
139 41.5 33.4 50.2
169 13.4 10.6 15.8

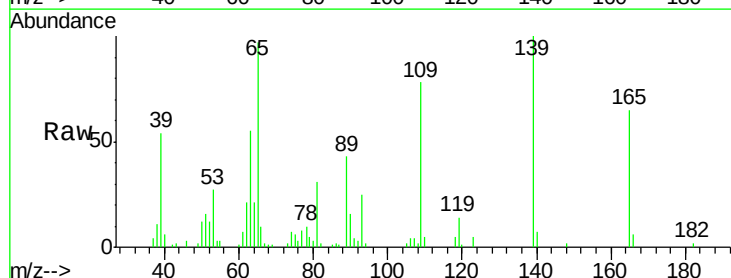


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

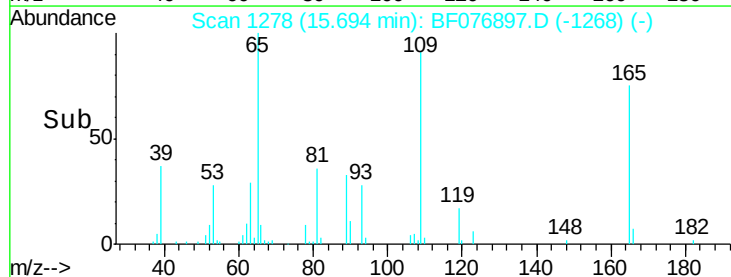
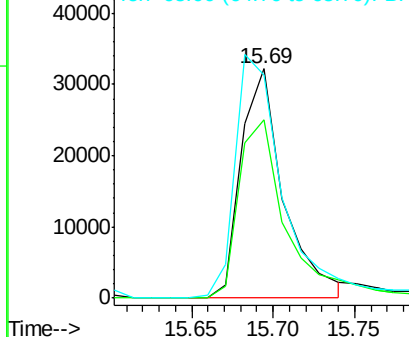


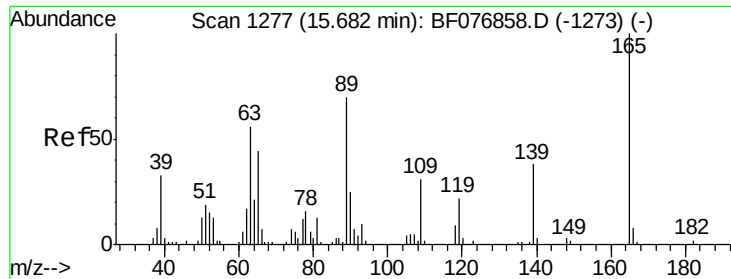
#55
4-Nitrophenol
Concen: 78.04 ng
RT: 15.69 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:139 Resp: 58313
Ion Ratio Lower Upper
139 100
109 77.7 61.0 101.0
65 97.2 96.6 136.6



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

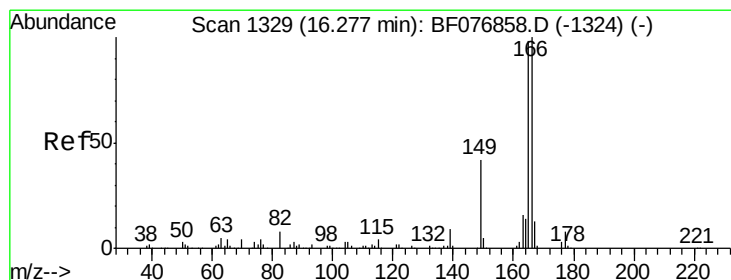
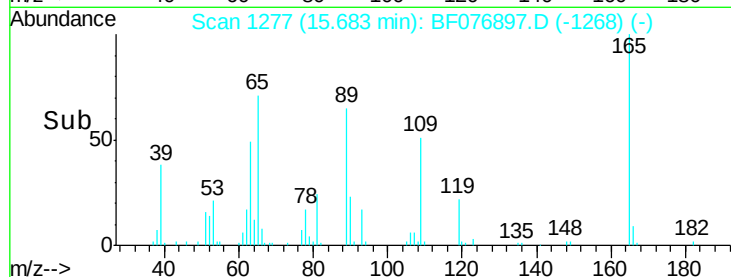
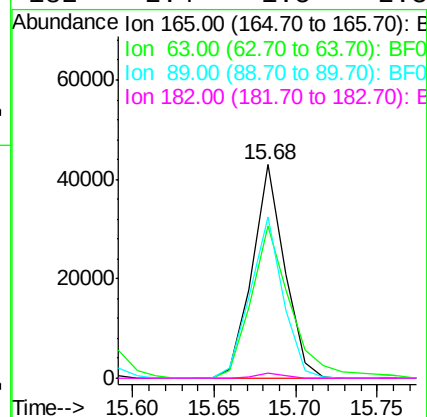
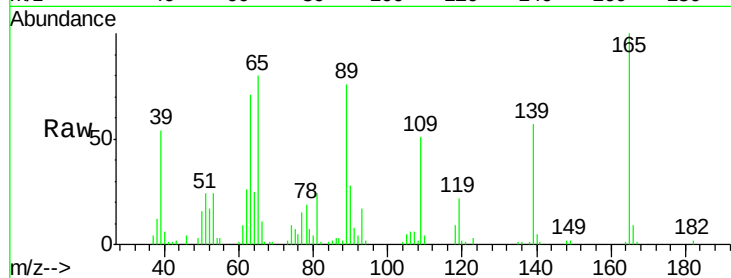




#56
2,4-Dinitrotoluene
Concen: 42.15 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

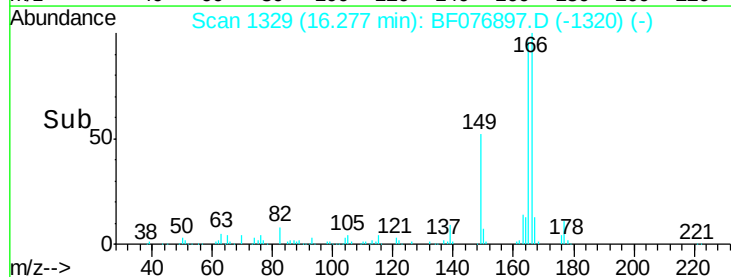
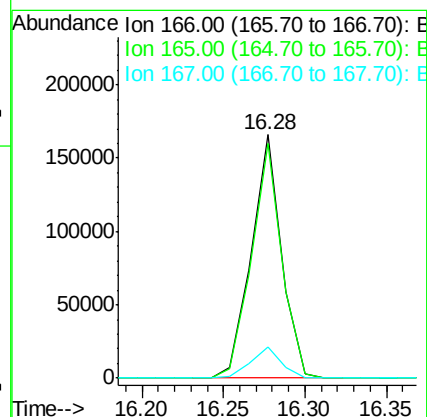
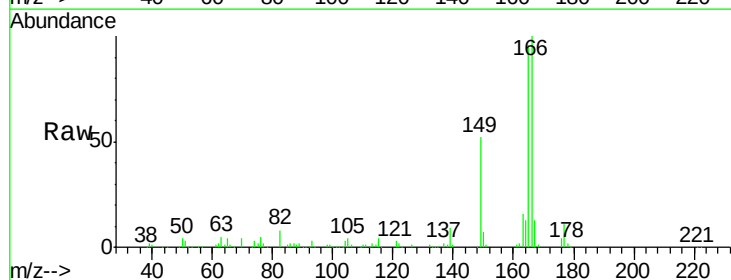
Instrument :
BNA_F
ClientSampleId :

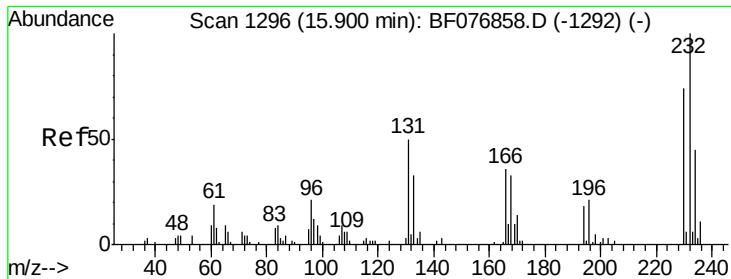
Tot Ion:165 Resp: 59787
Ion Ratio Lower Upper
165 100
63 71.5 44.8 67.2#
89 75.7 56.2 84.2
182 2.4 1.5 2.3#



#57
Fluorene
Concen: 43.77 ng
RT: 16.28 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:166 Resp: 212001
Ion Ratio Lower Upper
166 100
165 96.5 78.5 117.7
167 12.7 10.4 15.6

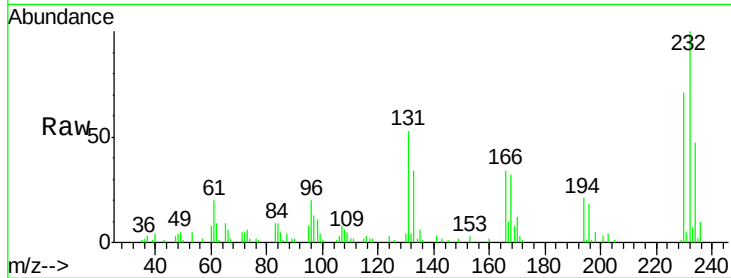




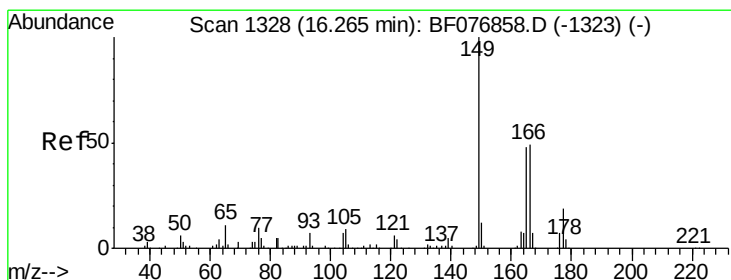
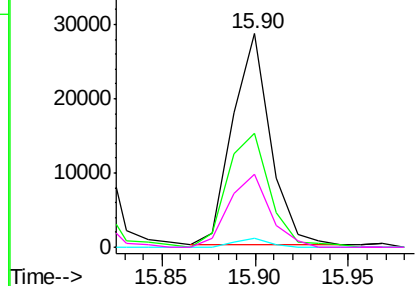
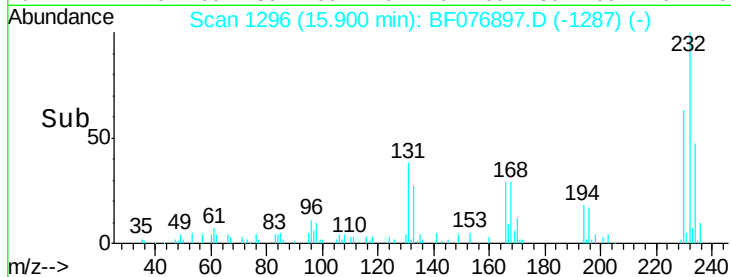
#58
2,3,4,6-Tetrachlorophenol
Concen: 44.74 ng
RT: 15.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 40232
Ion Ratio Lower Upper
232 100
131 61.4 45.0 67.6
130 3.7 2.6 3.8
166 37.5 30.9 46.3

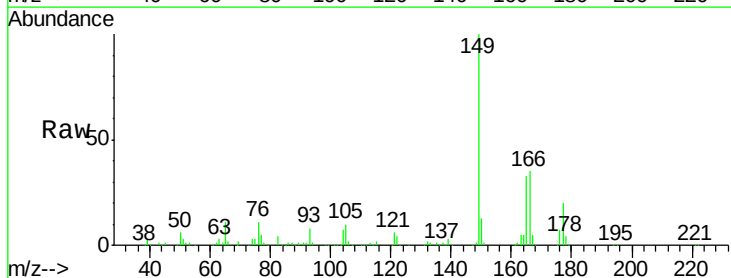


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

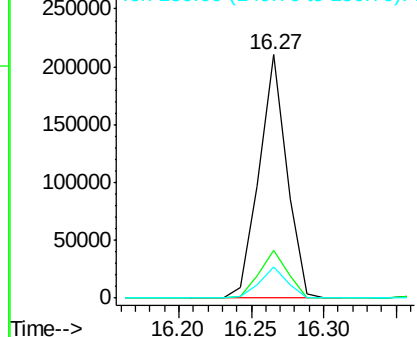
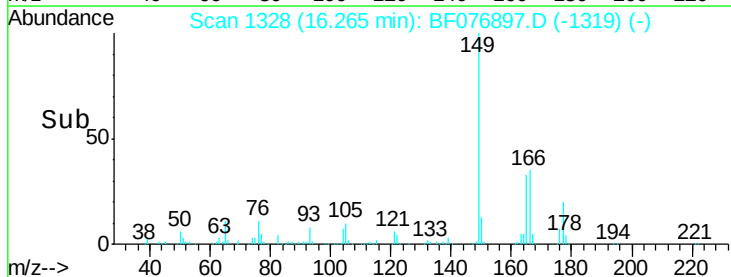


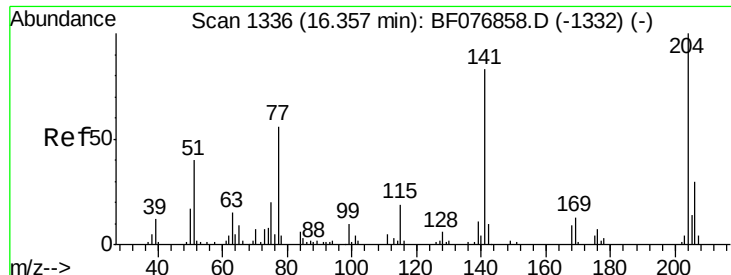
#59
Diethylphthalate
Concen: 57.82 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:149 Resp: 278568
Ion Ratio Lower Upper
149 100
177 19.9 15.0 22.6
150 13.0 9.4 14.0



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

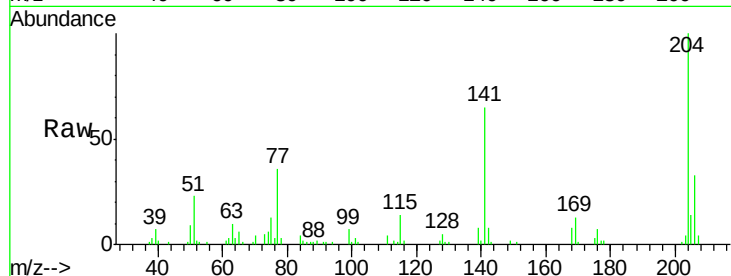




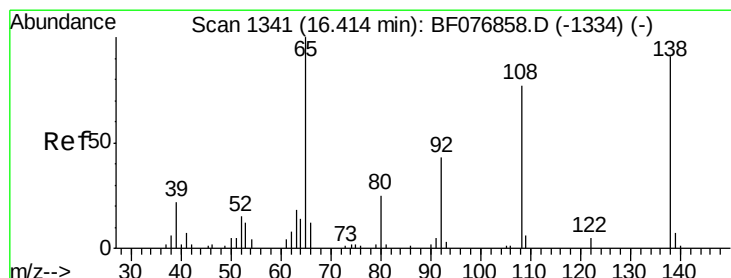
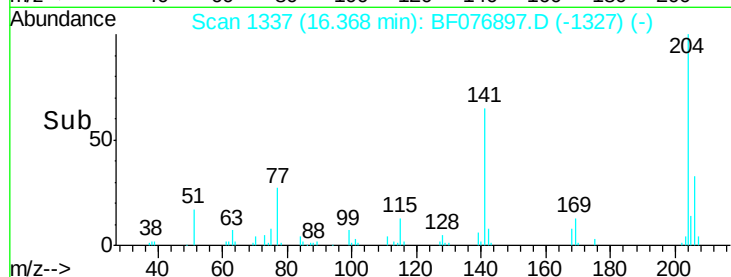
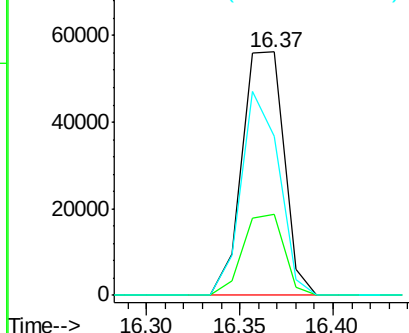
#60
4-Chlorophenyl-phenylether
Concen: 44.23 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 87638
Ion Ratio Lower Upper
204 100
206 33.2 24.2 36.2
141 65.3 66.7 100.1#

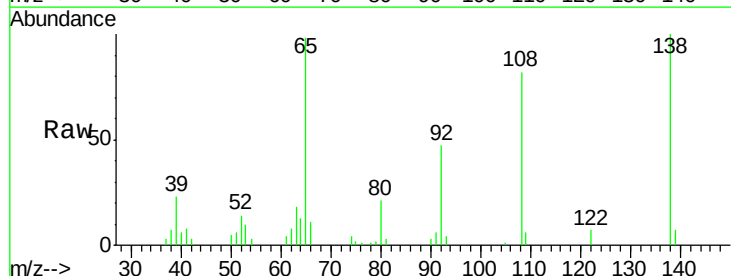


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

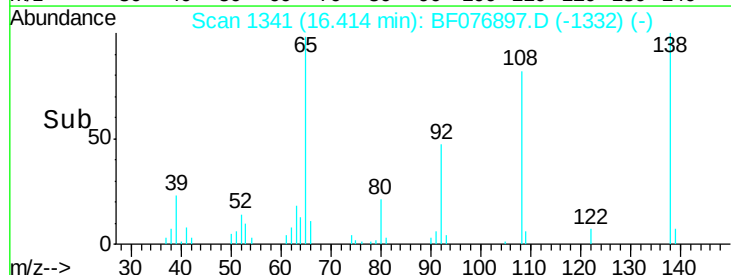
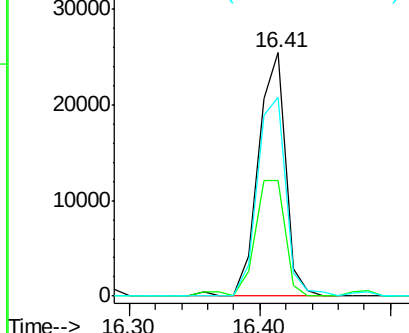


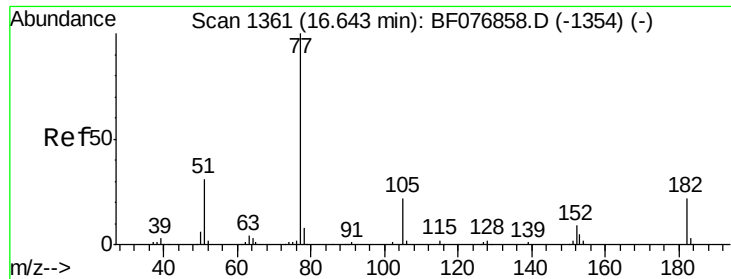
#61
4-Nitroaniline
Concen: 31.46 ng
RT: 16.41 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:138 Resp: 37155
Ion Ratio Lower Upper
138 100
92 47.4 26.7 66.7
108 81.7 64.5 104.5



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: 42.92 ng

RT: 16.64 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 215433

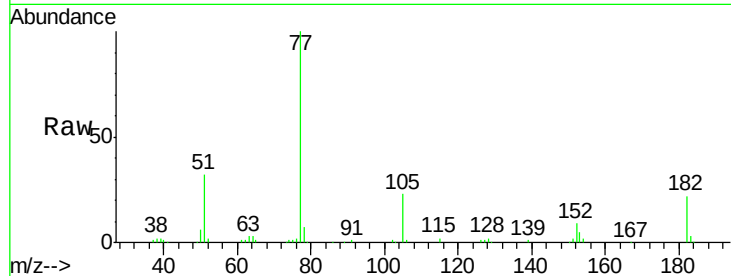
Ion Ratio Lower Upper

77 100

182 22.2 2.0 42.0

105 22.5 2.3 42.3

51 32.1 10.7 50.7

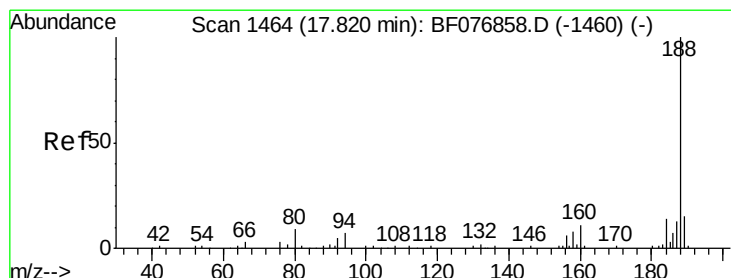
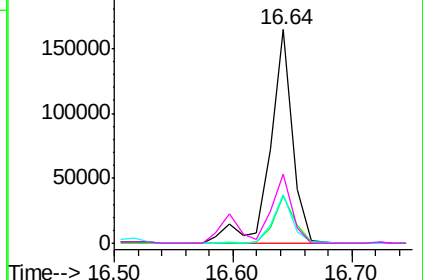
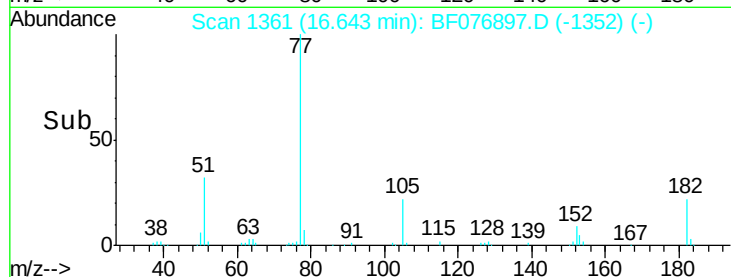


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.82 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

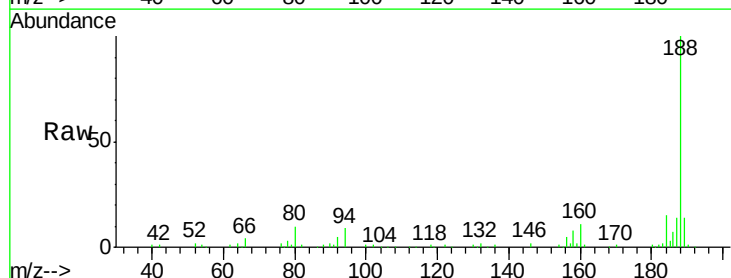
Tgt Ion: 188 Resp: 113294

Ion Ratio Lower Upper

188 100

94 8.6 6.0 9.0

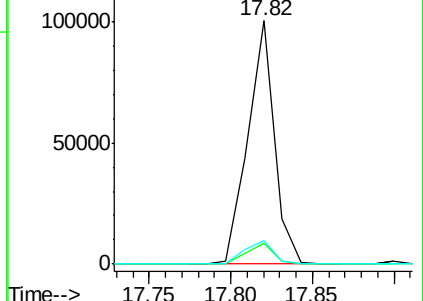
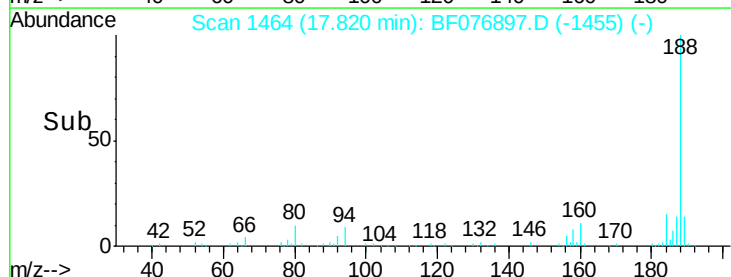
80 9.6 6.9 10.3

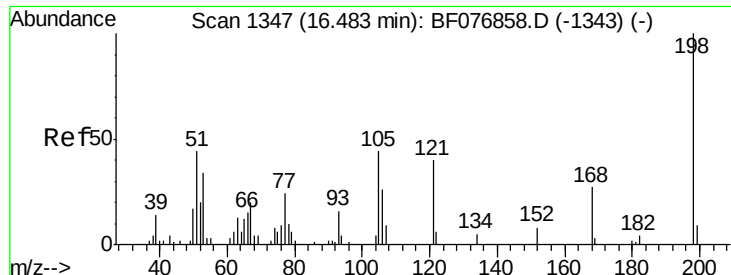


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

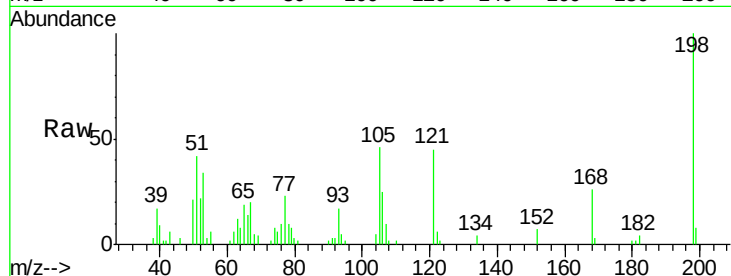




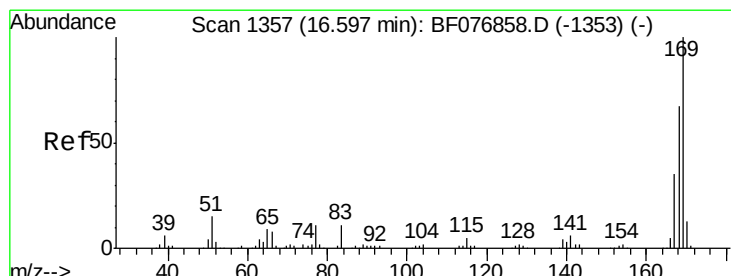
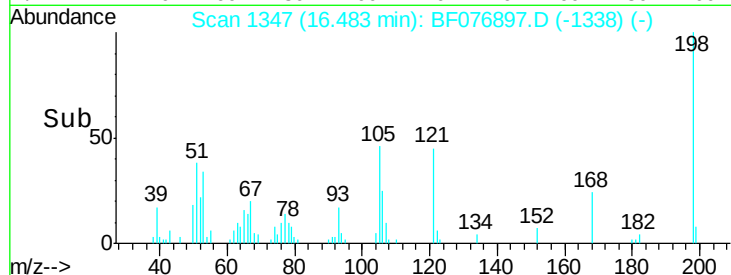
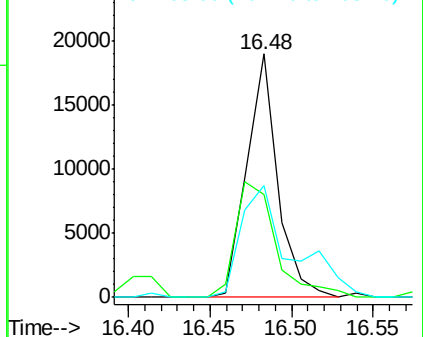
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.22 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 24956
 Ion Ratio Lower Upper
 198 100
 51 42.3 24.2 64.2
 105 46.0 24.0 64.0

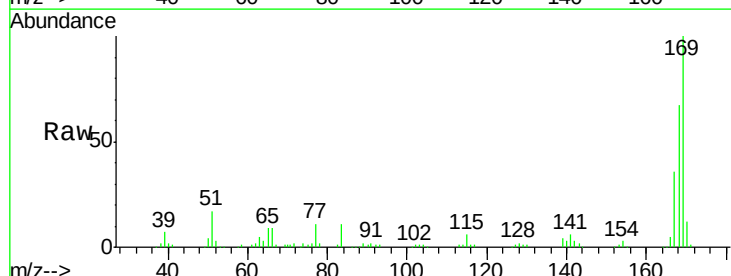


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

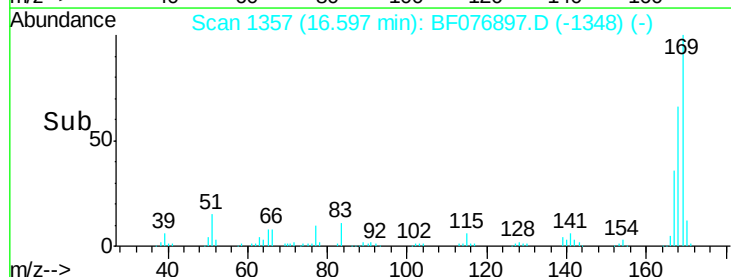
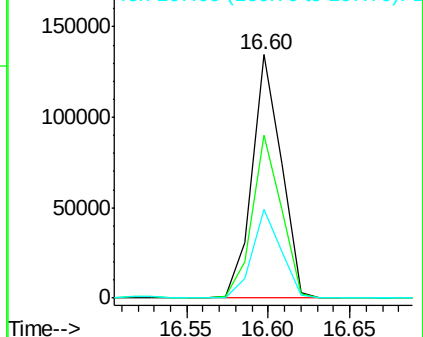


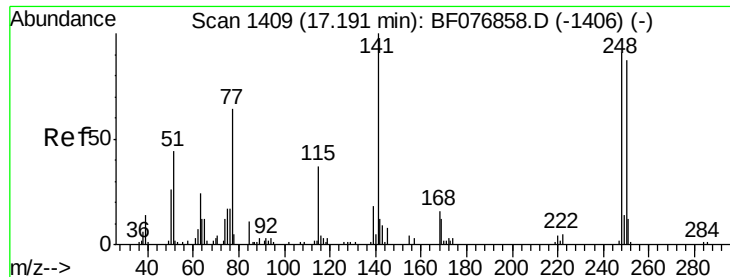
#65
 n-Nitrosodiphenylamine
 Concen: 41.47 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:169 Resp: 167531
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.6
 167 36.4 27.8 41.6



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

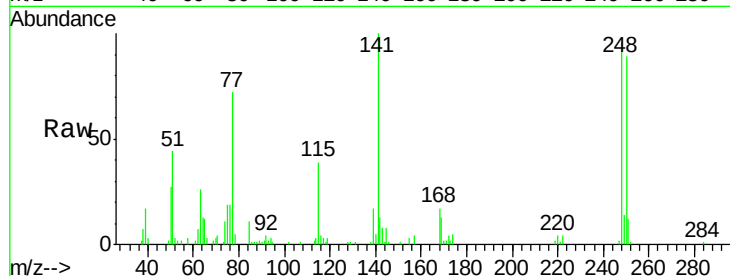




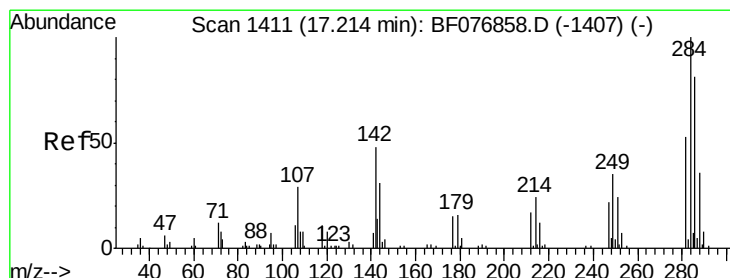
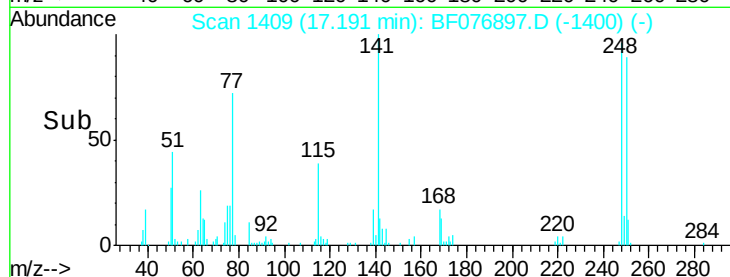
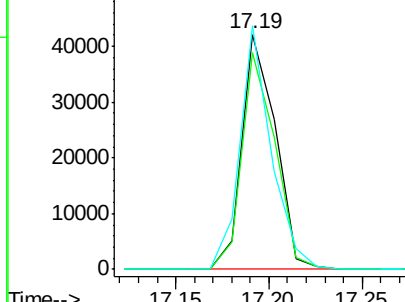
#66
4-Bromophenyl-phenylether
Concen: 45.82 ng
RT: 17.19 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 52589
Ion Ratio Lower Upper
248 100
250 92.2 77.1 115.7
141 103.7 88.2 132.4

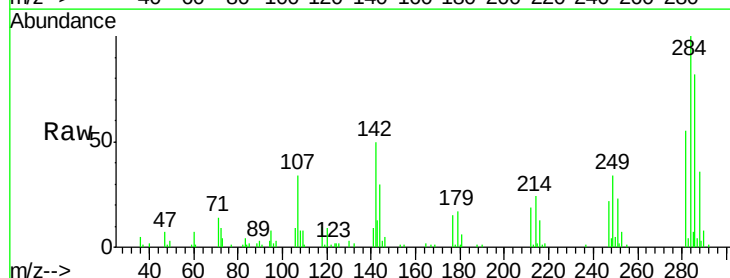


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

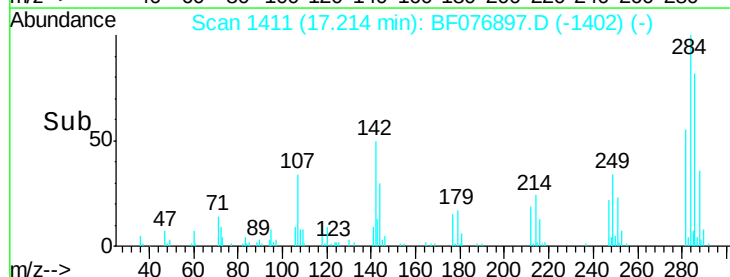
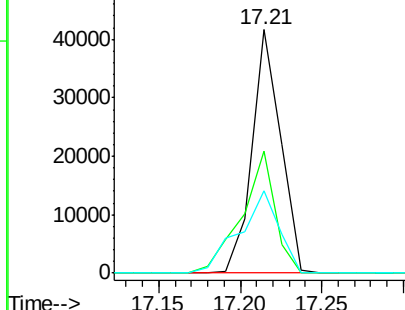


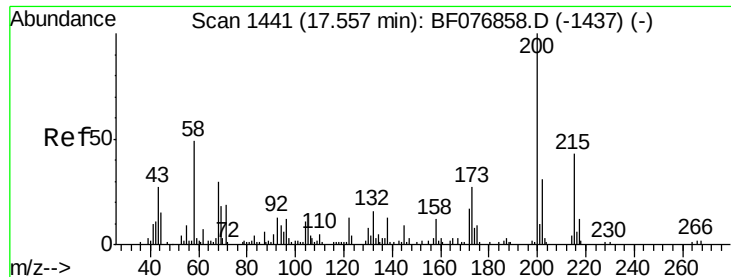
#67
Hexachlorobenzene
Concen: 41.91 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:284 Resp: 50696
Ion Ratio Lower Upper
284 100
142 50.2 38.2 57.4
249 33.9 28.2 42.2



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

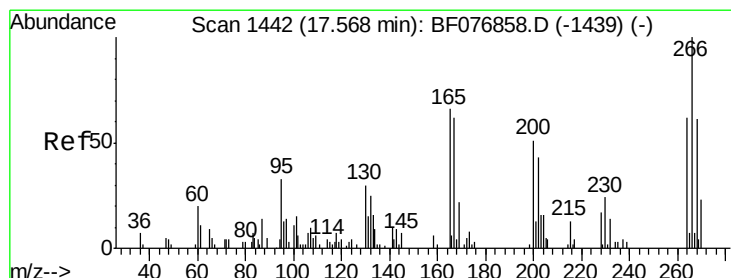
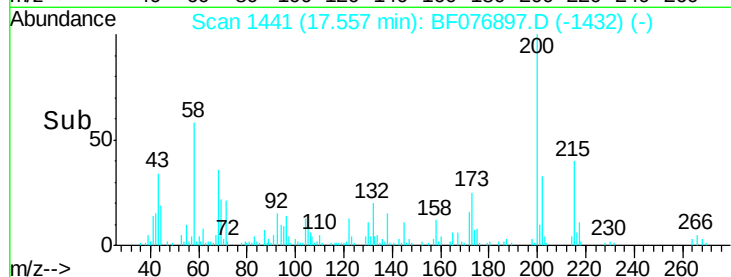
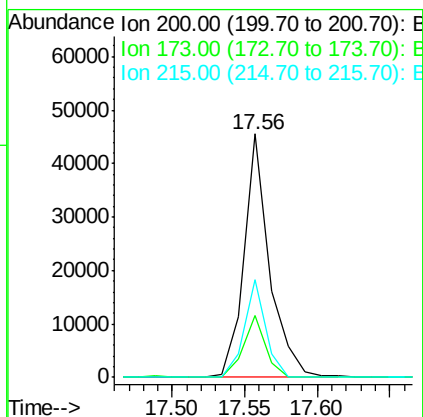
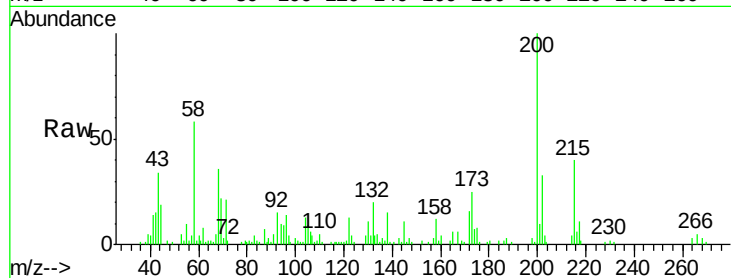




#68
Atrazine
Concen: 45.33 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

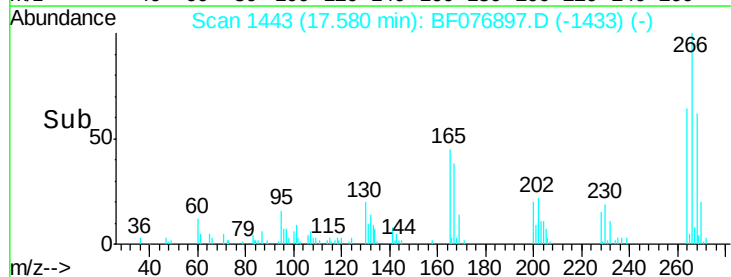
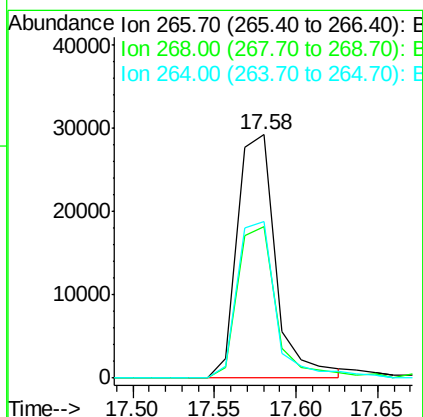
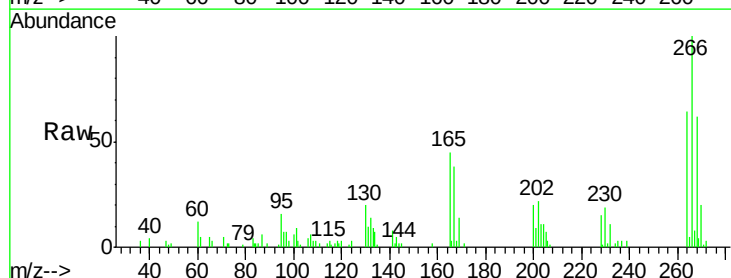
Instrument :
BNA_F
ClientSampleId :

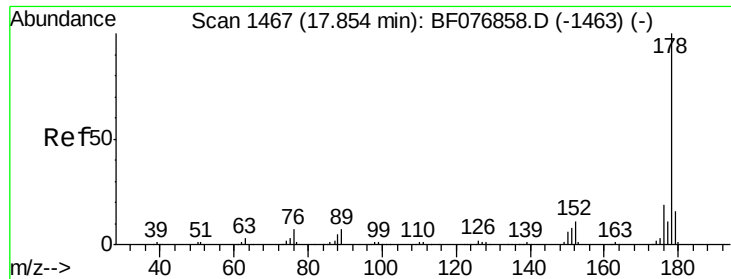
Tot Ion:200 Resp: 55574
Ion Ratio Lower Upper
200 100
173 25.5 6.6 46.6
215 40.0 22.9 62.9



#69
Pentachlorophenol
Concen: 85.43 ng
RT: 17.58 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:266 Resp: 47686
Ion Ratio Lower Upper
266 100
268 62.3 48.6 72.8
264 64.2 49.5 74.3

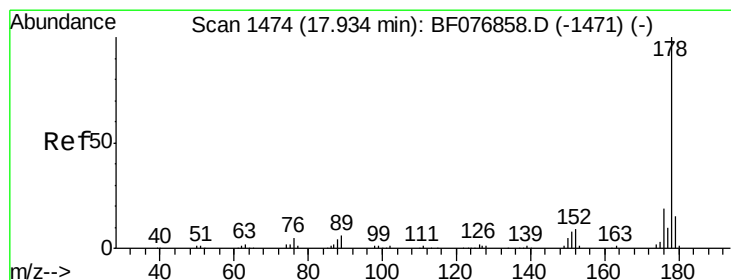
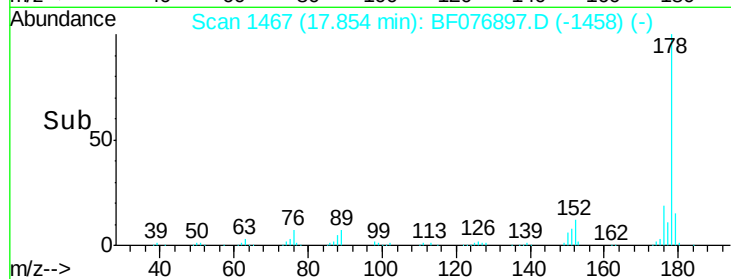
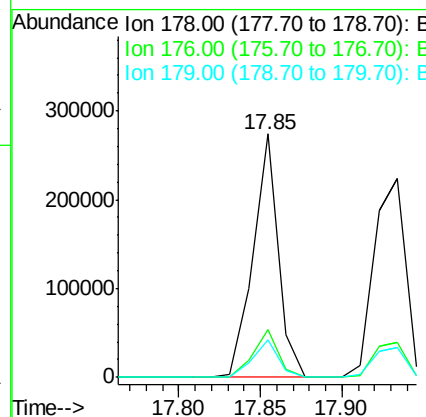
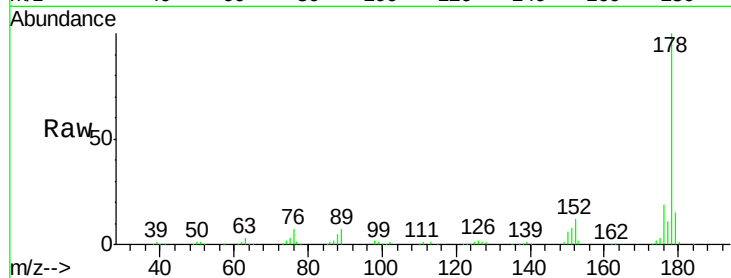




#70
 Phenanthrene
 Concen: 41.51 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

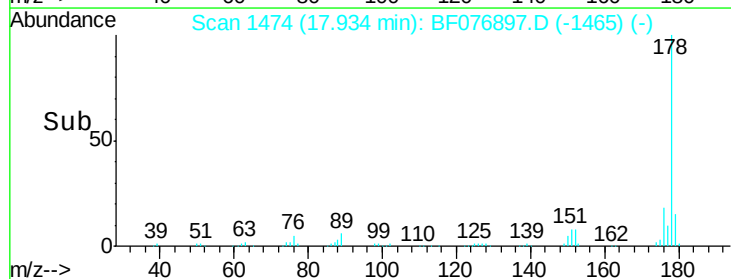
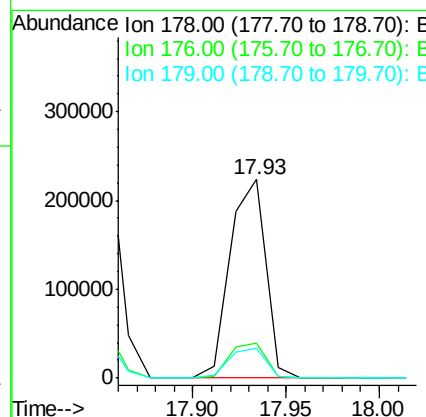
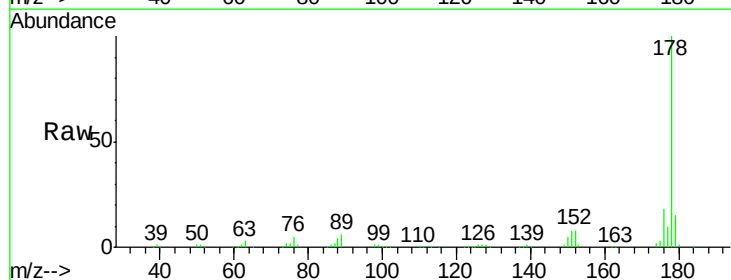
Instrument :
 BNA_F
 ClientSampleId :

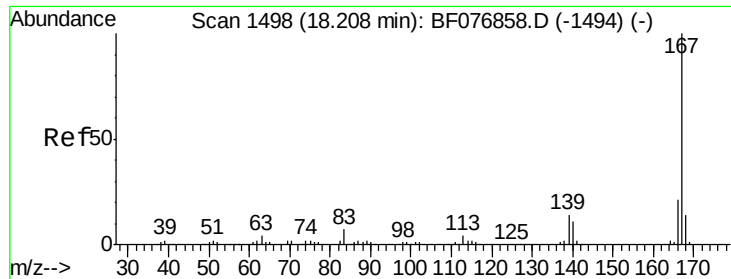
Tot Ion:178 Resp: 293266
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 15.4 12.7 19.1



#71
 Anthracene
 Concen: 43.39 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:178 Resp: 298932
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.4 23.0
 179 15.1 11.9 17.9

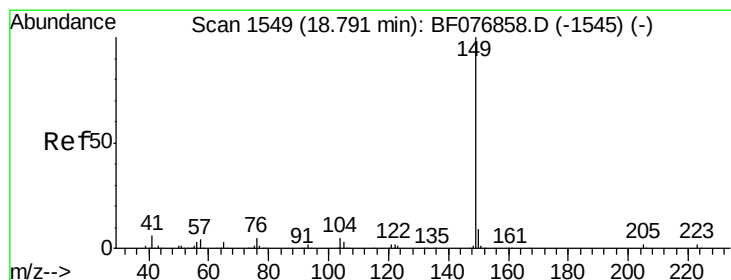
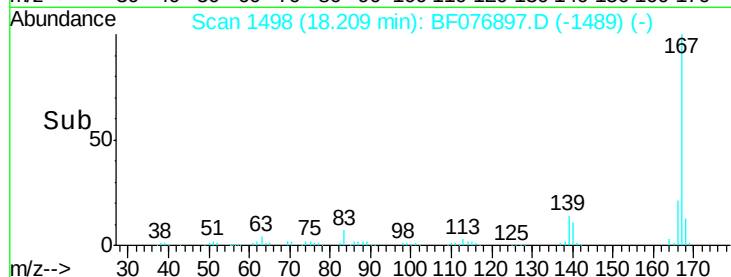
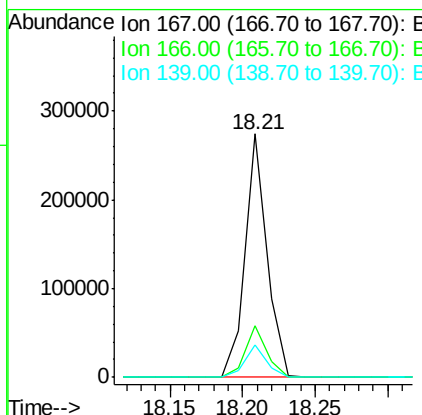
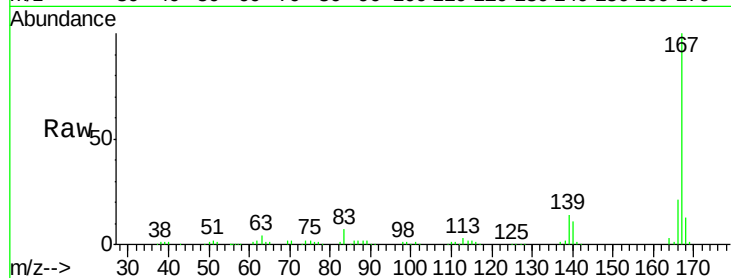




#72
 Carbazole
 Concen: 43.10 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

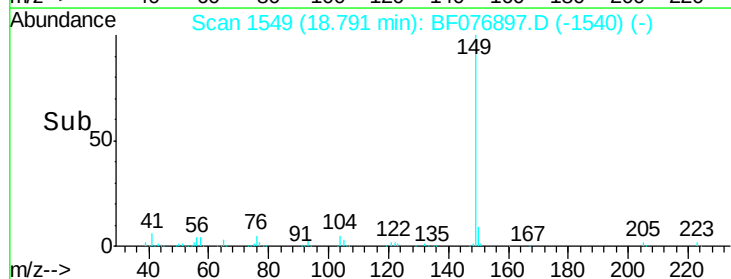
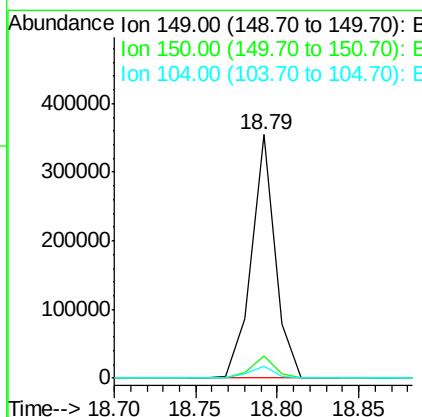
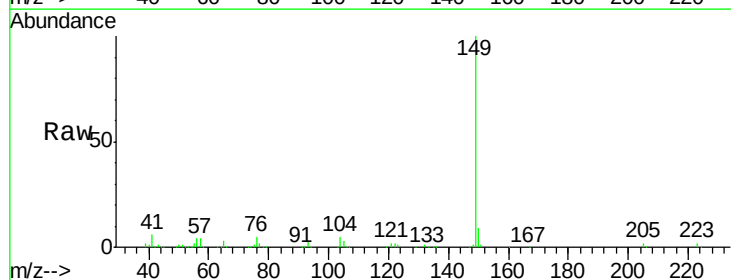
Instrument :
 BNA_F
 ClientSampleId :

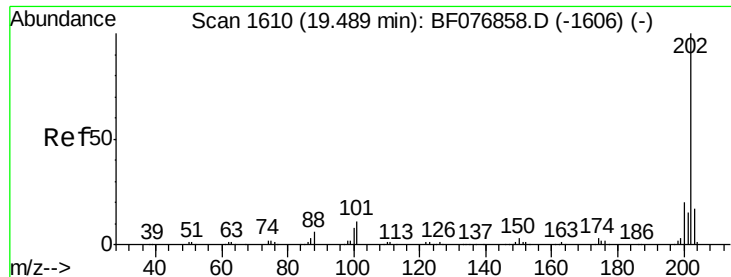
Tot Ion:167 Resp: 288007
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.5 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 46.31 ng
 RT: 18.79 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:149 Resp: 358203
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.9 10.3
 104 5.0 3.7 5.5





#74

Fluoranthene

Concen: 41.66 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

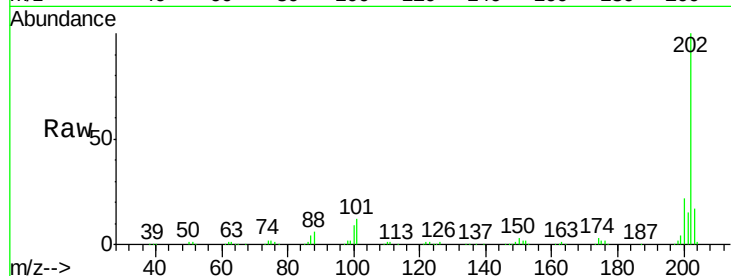
Tot Ion:202 Resp: 301607

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.7

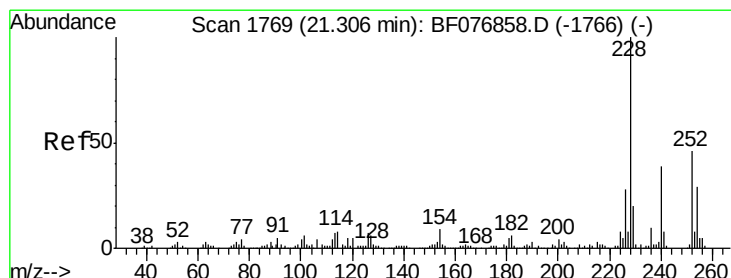
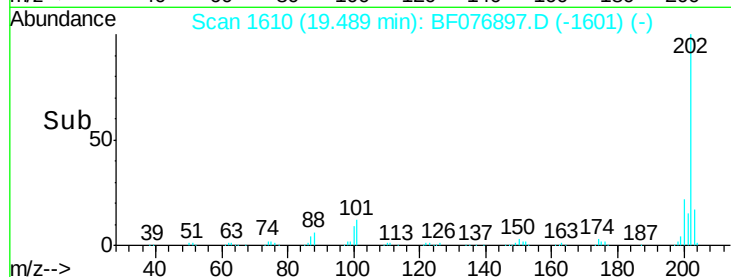
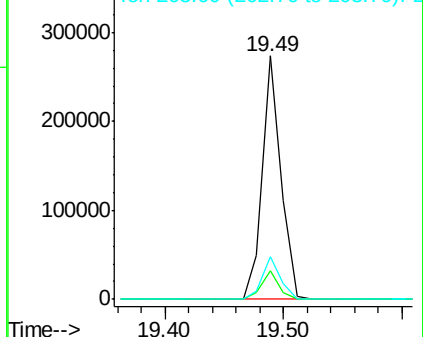
203 17.4 0.0 36.9



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: 21.32 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

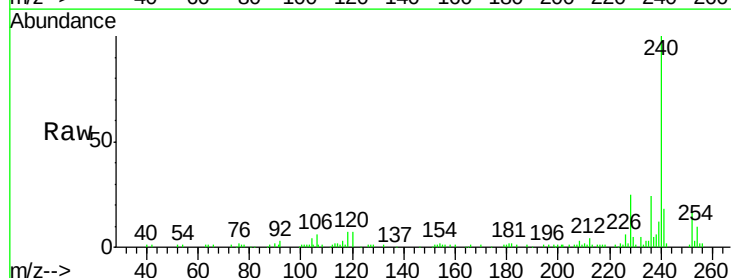
Tgt Ion:240 Resp: 113801

Ion Ratio Lower Upper

240 100

120 7.1 10.4 15.6#

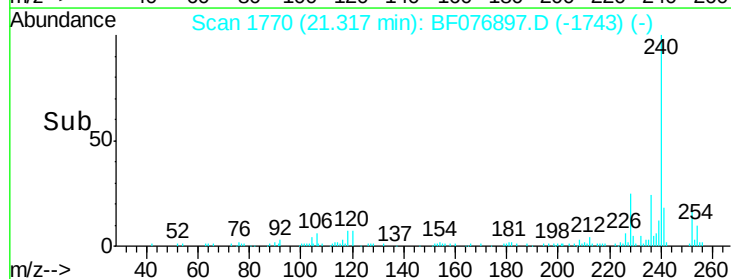
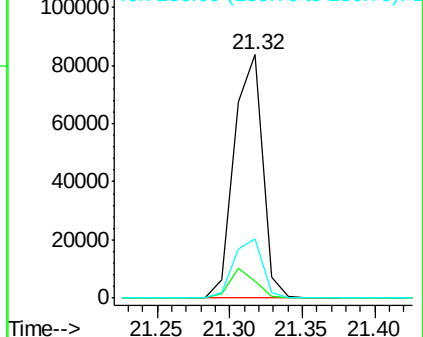
236 24.4 20.2 30.2

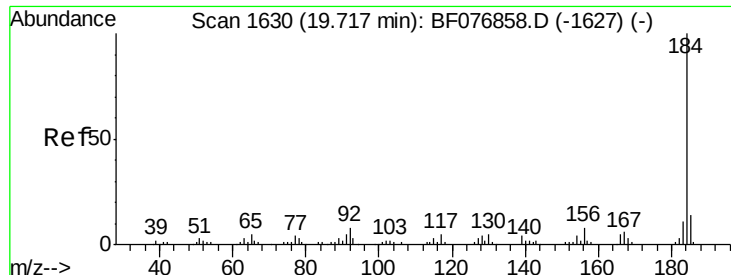


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

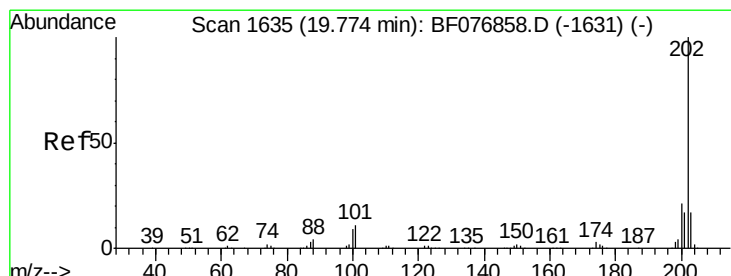
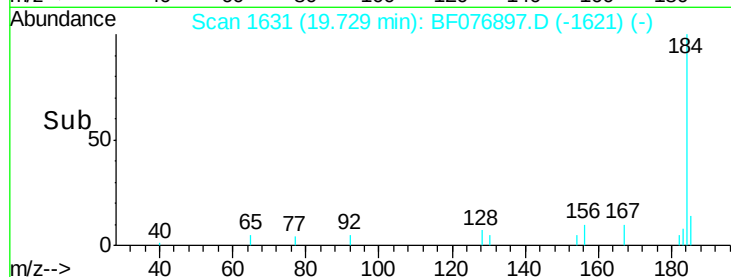
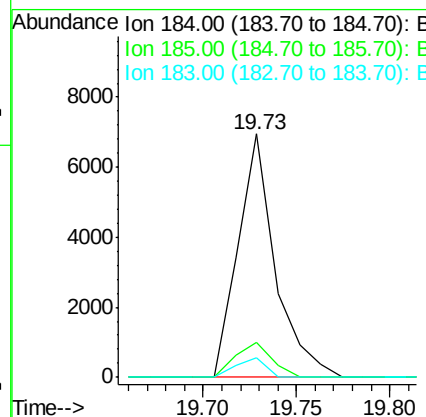
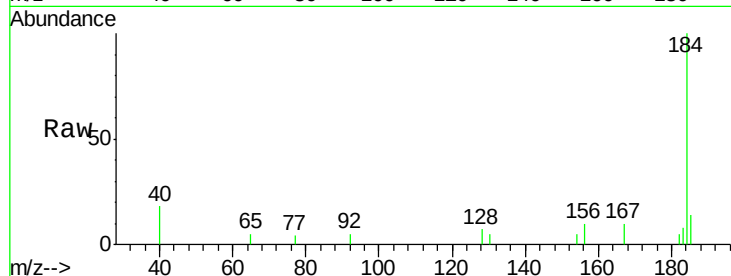




#76
Benzidine
Concen: 2.64 ng
RT: 19.73 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

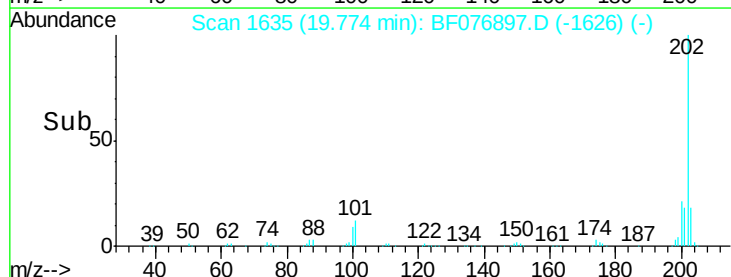
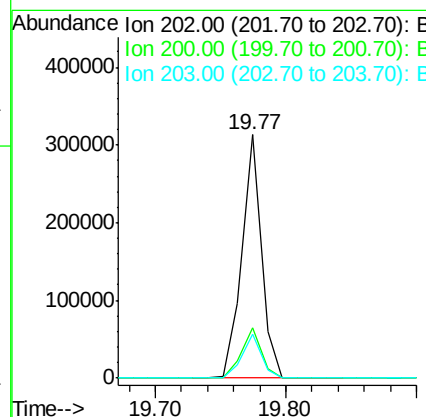
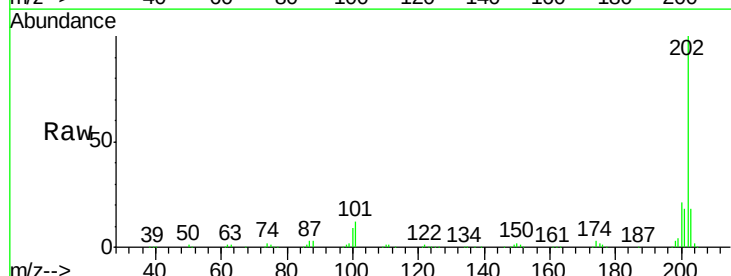
Instrument :
BNA_F
ClientSampleId :

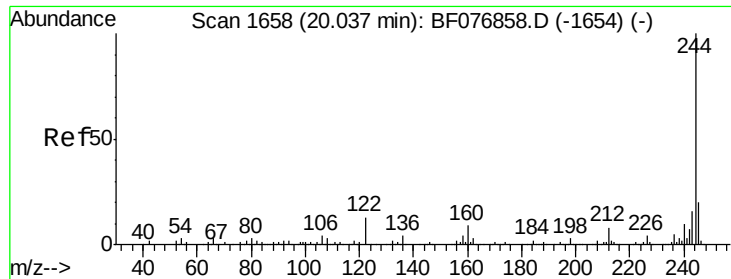
Tot Ion:184 Resp: 9621
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 8.2 9.0 13.6#



#77
Pyrene
Concen: 41.68 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:202 Resp: 325063
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.8 14.0 21.0





#78

Terphenyl-d14

Concen: 83.03 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

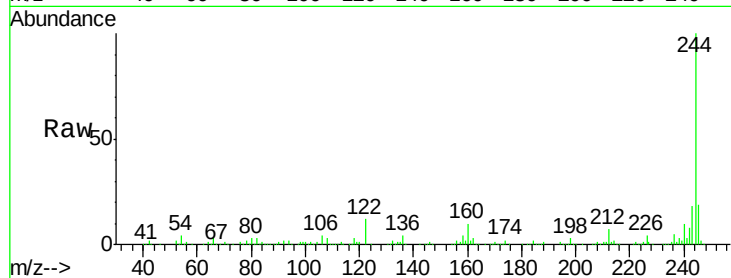
Tot Ion:244 Resp: 410419

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

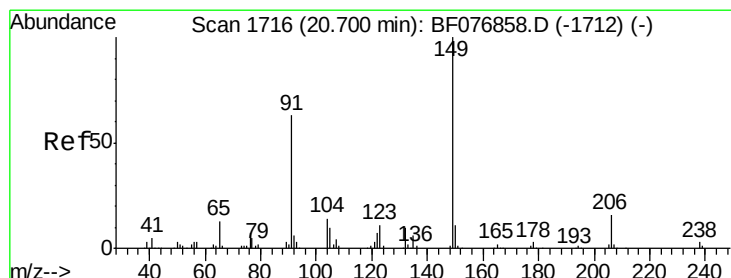
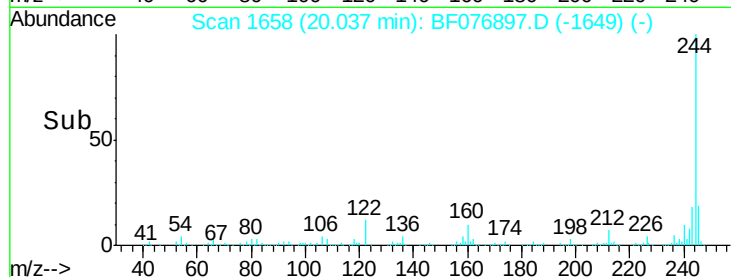
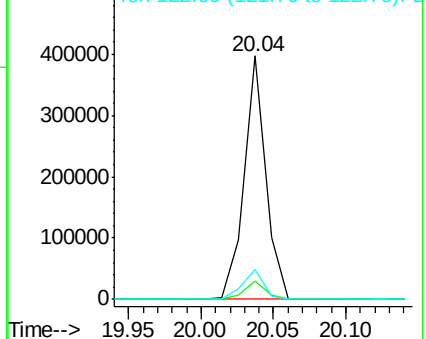
122 12.3 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.39 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

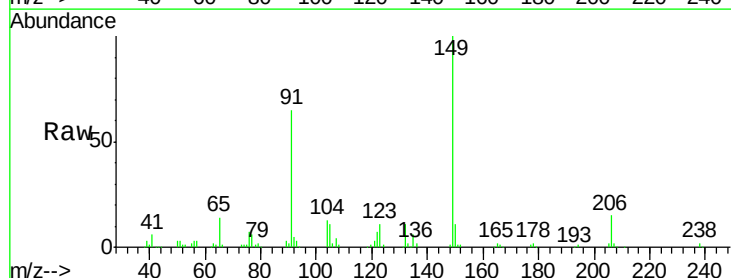
Tgt Ion:149 Resp: 170910

Ion Ratio Lower Upper

149 100

91 65.0 50.6 76.0

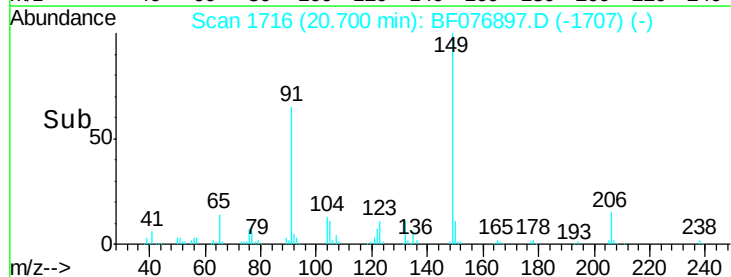
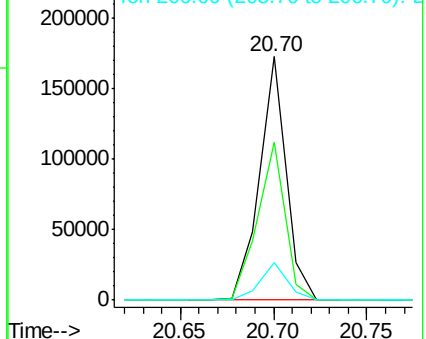
206 15.3 12.8 19.2

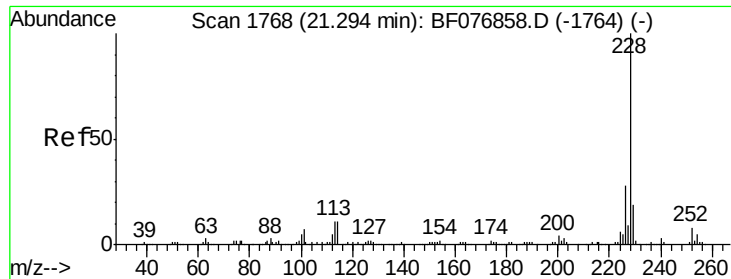


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.61 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

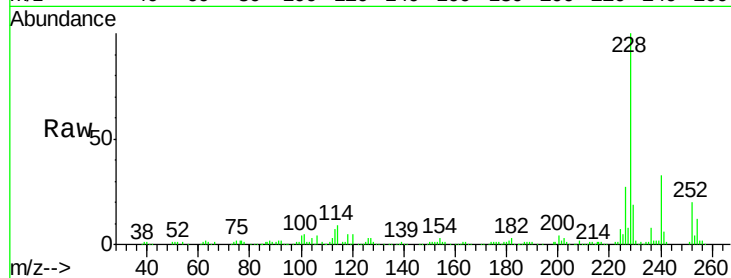
Tot Ion:228 Resp: 289956

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

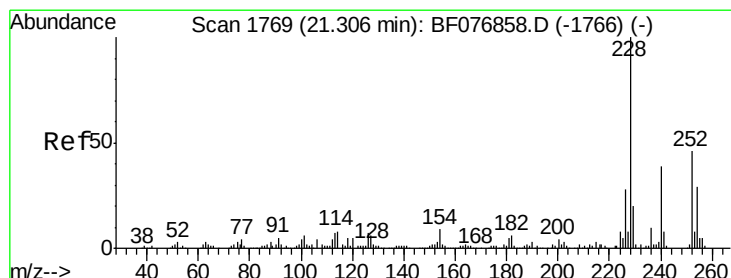
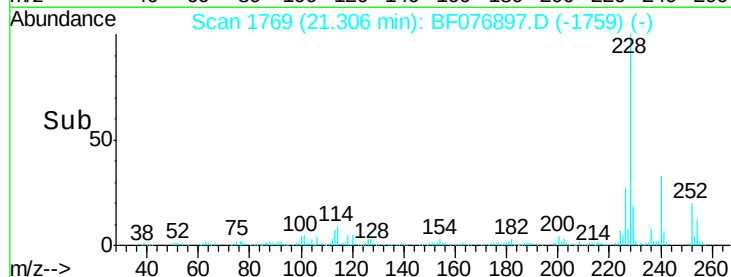
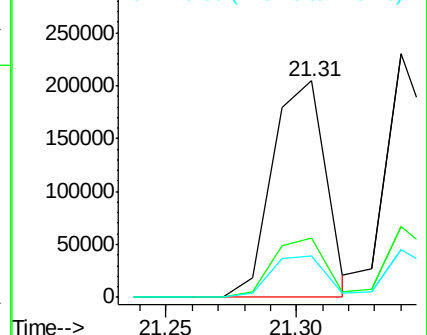
229 19.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 18.35 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

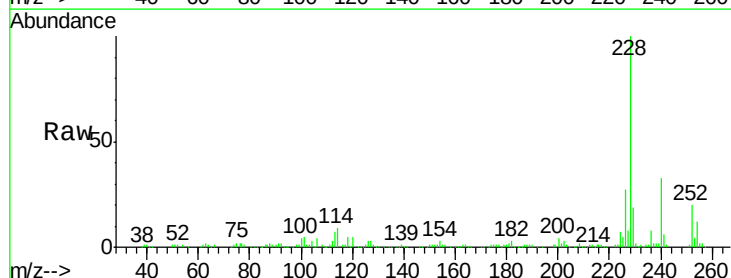
Tgt Ion:252 Resp: 41627

Ion Ratio Lower Upper

252 100

254 59.8 50.2 75.4

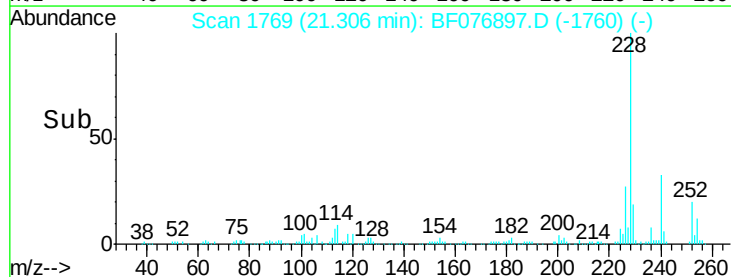
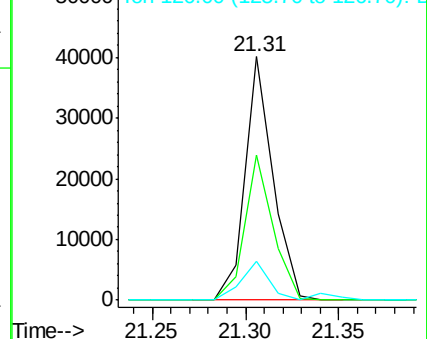
126 15.8 11.5 17.3

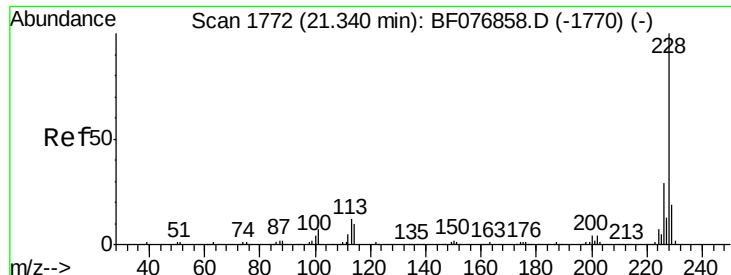


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

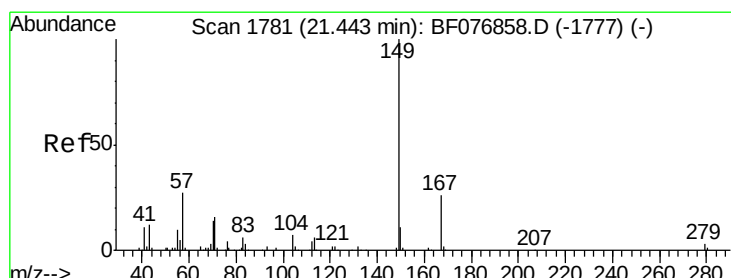
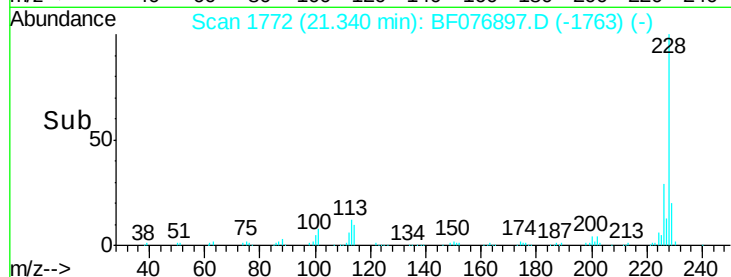
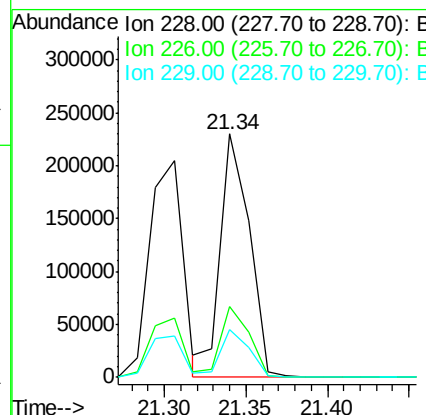
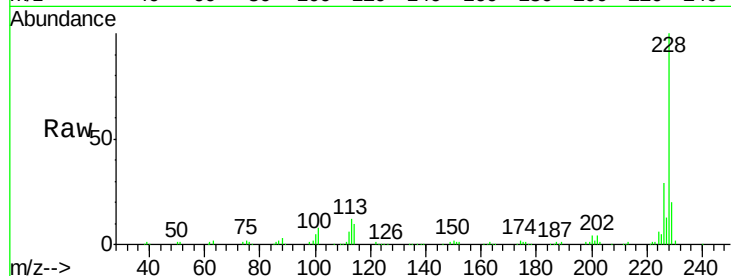




#82
 Chrysene
 Concen: 43.28 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

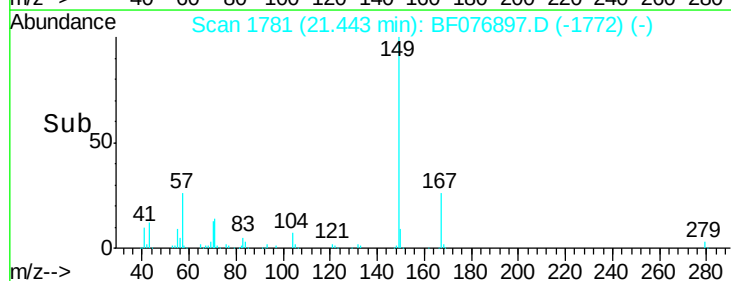
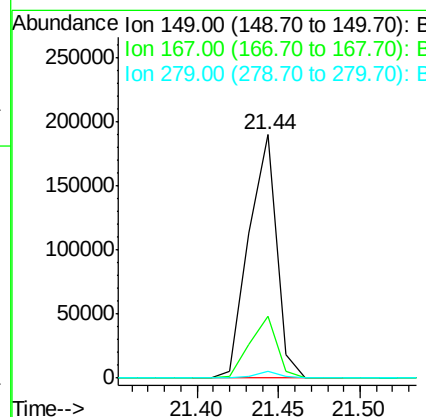
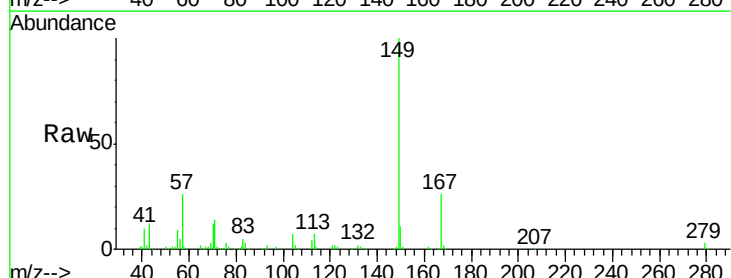
Instrument :
 BNA_F
 ClientSampleId :

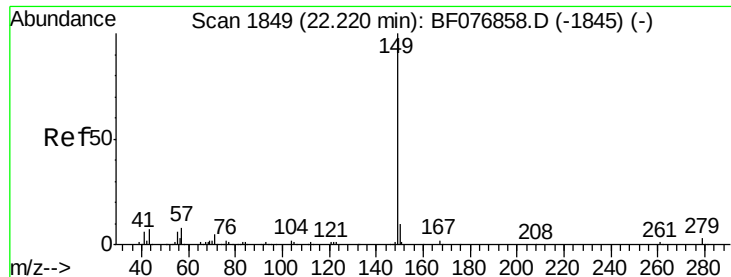
Tot Ion:228 Resp: 281839
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.4 35.0
 229 19.7 15.4 23.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.95 ng
 RT: 21.44 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF076897.D
 Acq: 16 Jan 2015 00:41

Tgt Ion:149 Resp: 224565
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.6 30.8
 279 2.7 2.2 3.2

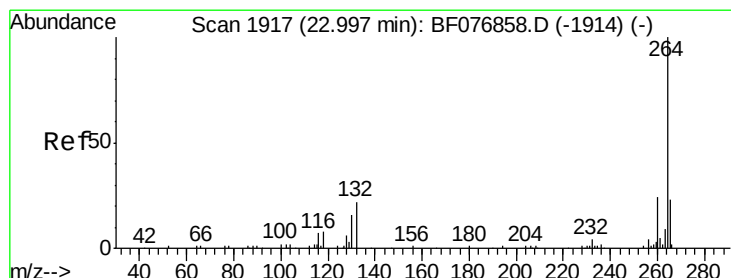
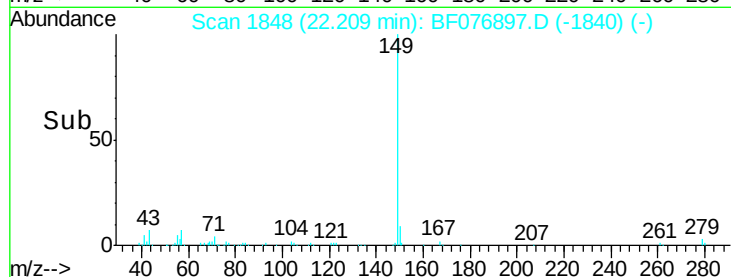
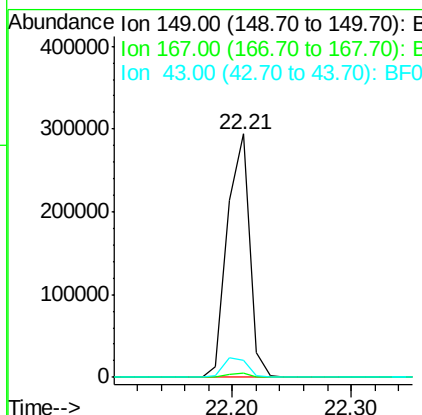
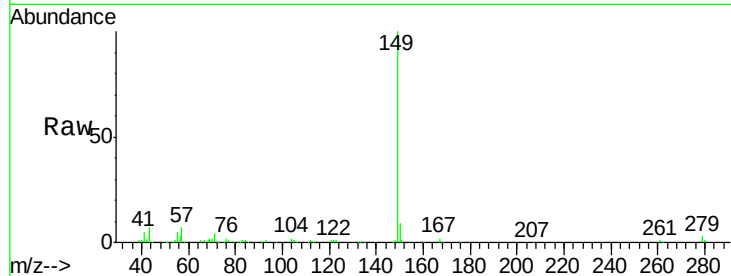




#84
Di-n-octyl phthalate
Concen: 44.85 ng
RT: 22.21 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

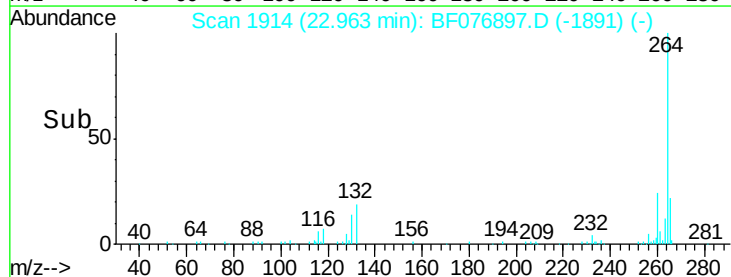
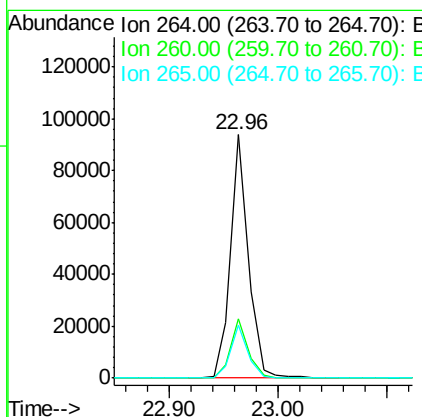
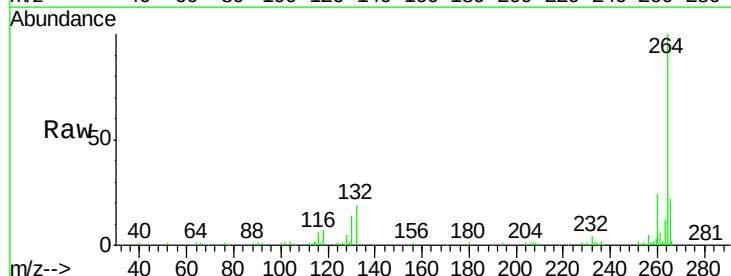
Instrument :
BNA_F
ClientSampleId :

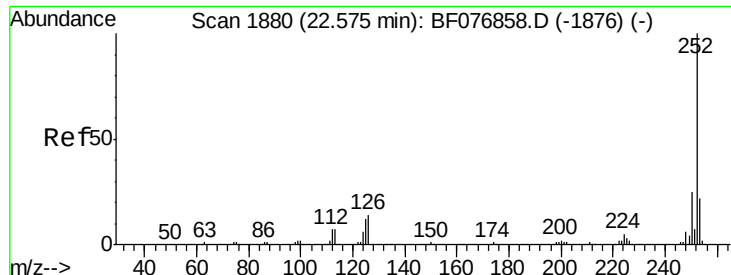
Tot Ion:149 Resp: 380377
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 8.9 6.6 10.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.96 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:264 Resp: 105867
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.0 18.1 27.1

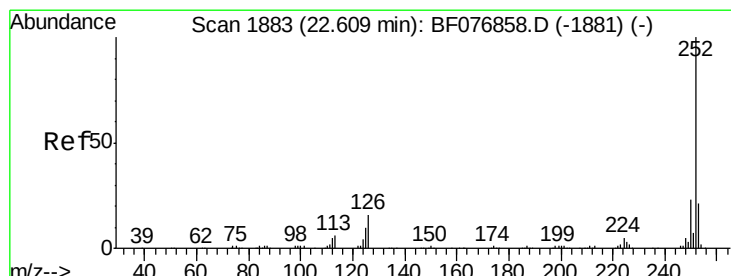
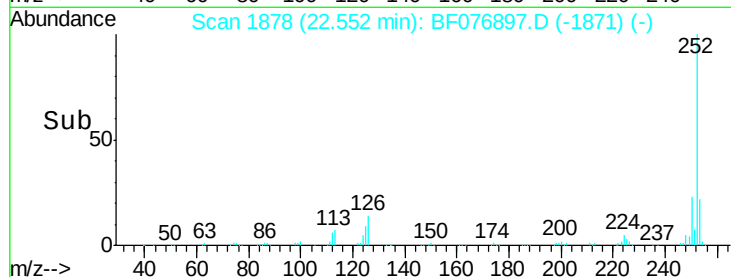
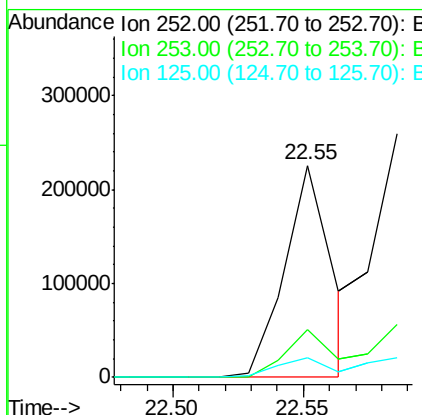
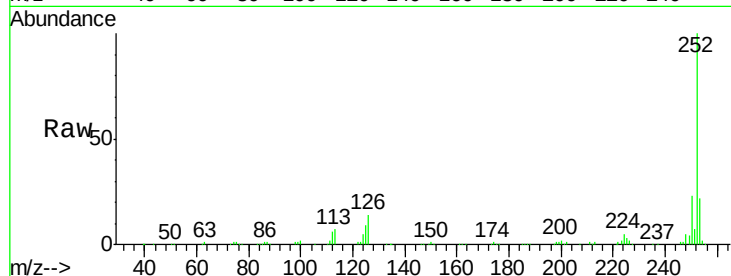




#87
Benzo(b)fluoranthene
Concen: 39.11 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

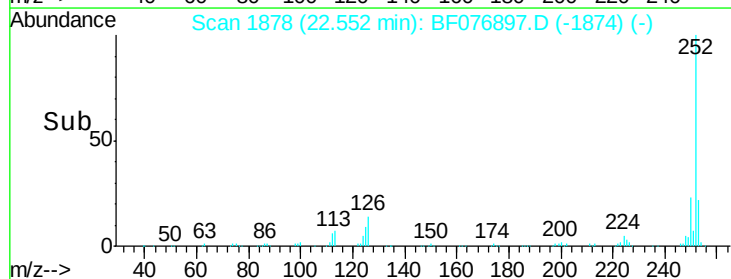
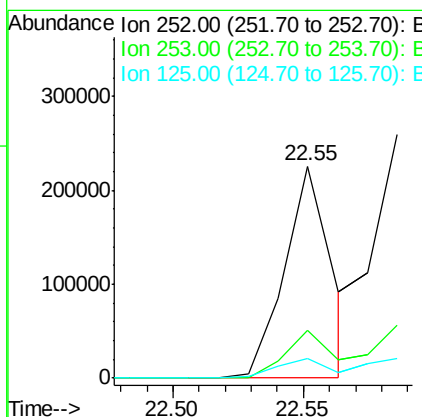
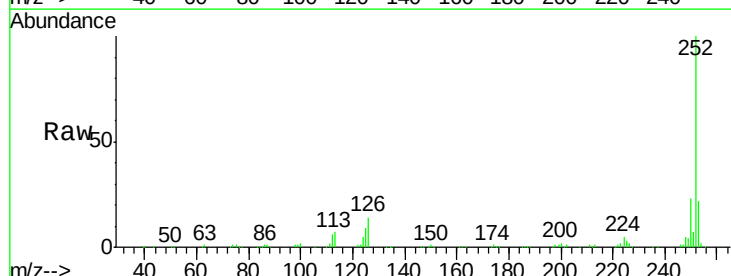
Instrument :
BNA_F
ClientSampleId :

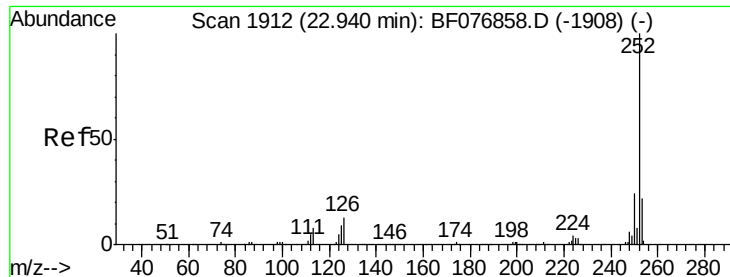
Tot Ion:252 Resp: 278847
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.4 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 44.76 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.06 min
Lab File: BF076897.D
Acq: 16 Jan 2015 00:41

Tgt Ion:252 Resp: 278847
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.4 7.1 10.7





#89

Benzo(a)pyrene

Concen: 42.97 ng

RT: 22.91 min Scan# 1909

Delta R.T. -0.03 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :

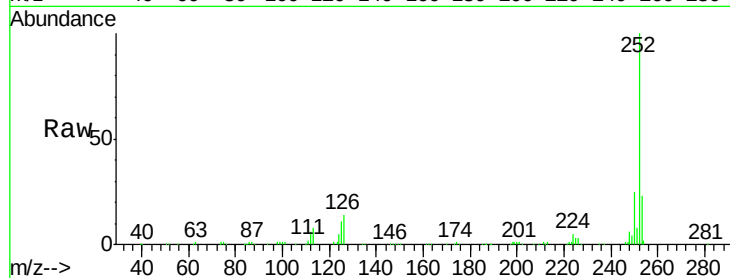
Tot Ion:252 Resp: 270270

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

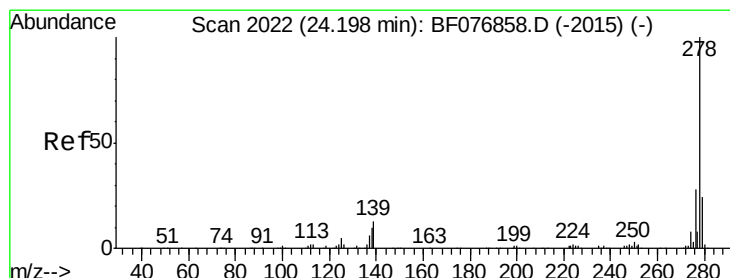
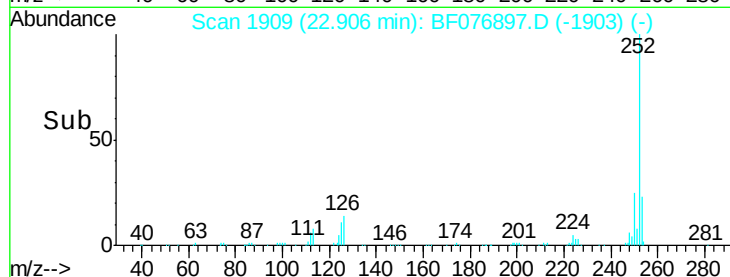
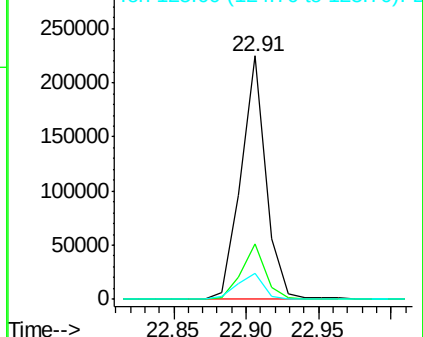
125 10.7 7.2 10.8



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: 42.19 ng

RT: 24.12 min Scan# 2015

Delta R.T. -0.08 min

Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

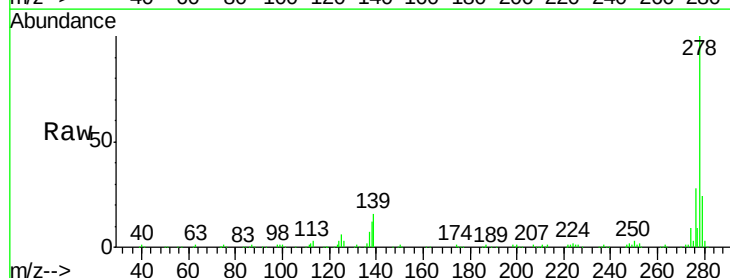
Tgt Ion:278 Resp: 243482

Ion Ratio Lower Upper

278 100

139 16.0 10.5 15.7#

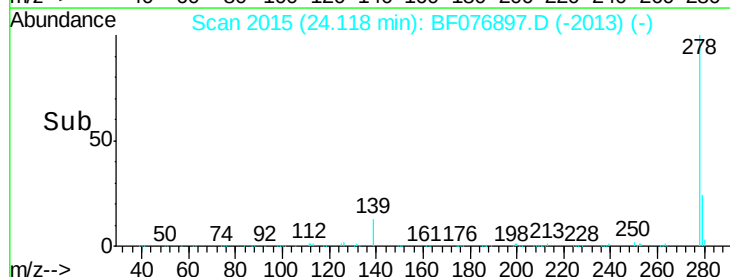
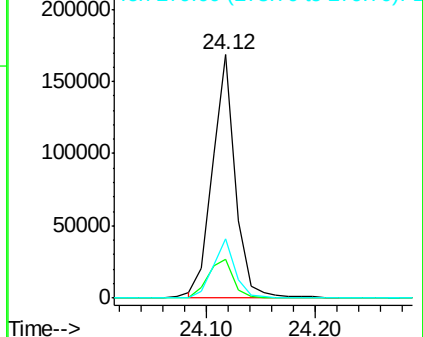
279 24.1 19.3 28.9

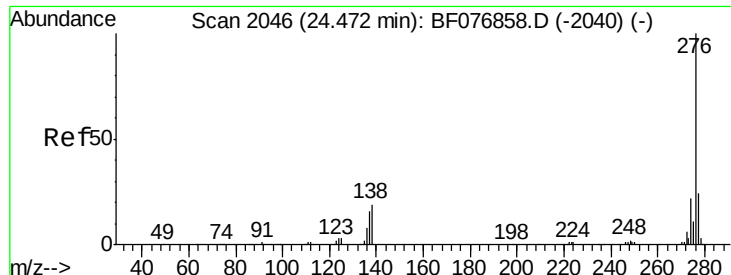


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.22 ng

RT: 24.39 min Scan# 2039

Delta R.T. -0.08 min

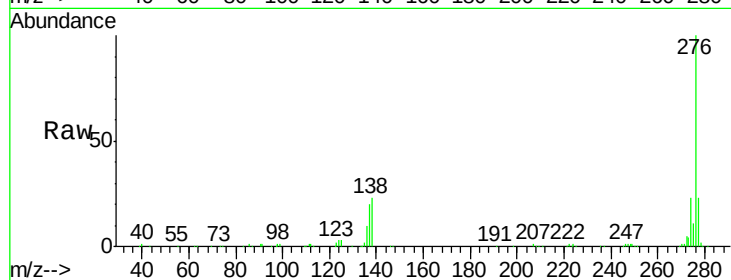
Lab File: BF076897.D

Acq: 16 Jan 2015 00:41

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 253667

Ion Ratio Lower Upper

276 100

277 23.3 19.5 29.3

138 22.6 15.0 22.6#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

