

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076942.D
 Acq On : 20 Jan 2015 00:00
 Operator : IZ / TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 02:24:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	37047	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	162568	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	87558	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	145850	20.00	ng	0.00
75) Chrysene-d12	21.28	240	144135	20.00	ng	0.01
86) Perylene-d12	22.92	264	124412	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.03	112	191136	84.83	ng	0.00
7) Phenol-d6	7.37	99	241483	84.95	ng	0.00
23) Nitrobenzene-d5	9.28	82	248044	84.53	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	61997	87.23	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	496158	86.24	ng	0.00
78) Terphenyl-d14	20.00	244	511316	81.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.27	88	40028	41.49	ng	96
3) Pyridine	1.75	79	119967	48.05	ng	95
4) n-Nitrosodimethylamine	1.72	42	55197	44.63	ng	95
6) Aniline	7.26	93	168144	42.74	ng	98
8) 2-Chlorophenol	7.51	128	110321	42.47	ng	98
9) Benzaldehyde	6.98	77	61184	37.25	ng	96
10) Phenol	7.41	94	131311	43.50	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	105315	44.59	ng	91
12) 1,3-Dichlorobenzene	7.82	146	130169	44.04	ng	97
13) 1,4-Dichlorobenzene	8.01	146	132534	42.29	ng	98
14) 1,2-Dichlorobenzene	8.33	146	126115	43.67	ng	96
15) Benzyl Alcohol	8.41	79	99932	43.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.76	45	133888	42.17	ng	91
17) 2-Methylphenol	8.76	107	92182	43.42	ng	96
18) Hexachloroethane	9.08	117	47761	43.82	ng	97
19) n-Nitroso-di-n-propylamine	9.04	70	84615	42.53	ng	99
20) 3+4-Methylphenols	9.13	107	121456	43.21	ng	98
22) Acetophenone	8.96	105	170105	42.72	ng	99
24) Nitrobenzene	9.32	77	125559	42.00	ng	97
25) Isophorone	9.91	82	222449	41.63	ng	99
26) 2-Nitrophenol	10.06	139	61573	40.51	ng	96
27) 2,4-Dimethylphenol	10.33	122	95002	41.10	ng	94
28) bis(2-Chloroethoxy)methane	10.54	93	127778	42.07	ng	97
29) 2,4-Dichlorophenol	10.65	162	94005	43.63	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	103306	43.17	ng	95
31) Naphthalene	10.93	128	346290	41.37	ng	99
32) Benzoic acid	10.70	122	27351	21.36	ng	95
33) 4-Chloroaniline	11.18	127	141751	41.91	ng	94
34) Hexachlorobutadiene	11.29	225	58686	41.33	ng	95
35) Caprolactam	12.04	113	26858	42.34	ng	93
36) 4-Chloro-3-methylphenol	12.47	107	100498	40.74	ng	97
37) 2-Methylnaphthalene	12.59	142	239299	41.87	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	91053	42.06	ng	98
40) Hexachlorocyclopentadiene	12.97	237	45746	41.59	ng	98

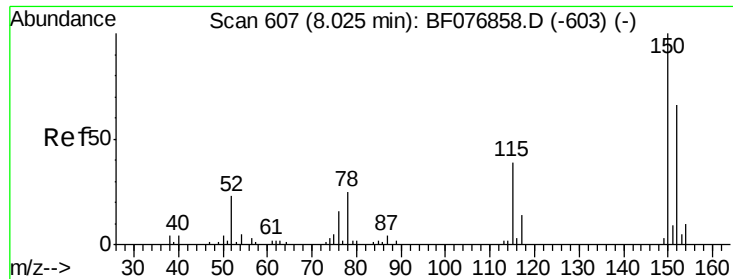
Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076942.D
 Acq On : 20 Jan 2015 00:00
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Quant Time: Jan 20 02:24:19 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	66289	42.03	nq	93
43) 2,4,5-Trichlorophenol	13.42	196	69346	43.11	nq	94
45) 1,1'-Biphenyl	13.74	154	273865	42.19	nq	99
46) 2-Chloronaphthalene	13.72	162	228125	42.71	nq	99
47) 2-Nitroaniline	14.06	65	71365	44.04	nq	92
48) Acenaphthylene	14.67	152	382868	42.49	nq	99
49) Dimethylphthalate	14.61	163	256776	41.35	nq	98
50) 2,6-Dinitrotoluene	14.71	165	56927	45.89	nq	98
51) Acenaphthene	15.09	154	217999	42.65	nq	98
52) 3-Nitroaniline	15.05	138	64832	40.32	nq	89
53) 2,4-Dinitrophenol	15.33	184	19220	39.92	nq	93
54) Dibenzofuran	15.52	168	316842	42.55	nq	96
55) 4-Nitrophenol	15.64	139	38879	39.94	nq	85
56) 2,4-Dinitrotoluene	15.64	165	75911	41.13	nq	95
57) Fluorene	16.23	166	264990	42.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.84	232	50202	42.86	nq	93
59) Diethylphthalate	16.22	149	274521	43.74	nq	99
60) 4-Chlorophenyl-phenylether	16.32	204	110511	42.81	nq	88
61) 4-Nitroaniline	16.37	138	64105	41.20	nq	97
62) Azobenzene	16.60	77	277176	42.39	nq	98
64) 4,6-Dinitro-2-methylphenol	16.44	198	37986	41.04	nq	91
65) n-Nitrosodiphenylamine	16.56	169	220602	42.42	nq	97
66) 4-Bromophenyl-phenylether	17.16	248	64436	43.61	nq	# 87
67) Hexachlorobenzene	17.18	284	67121	43.10	nq	# 84
68) Atrazine	17.52	200	69949	44.32	nq	98
69) Pentachlorophenol	17.53	266	28005	42.73	nq	92
70) Phenanthrene	17.82	178	376330	41.38	nq	98
71) Anthracene	17.89	178	368530	41.55	nq	98
72) Carbazole	18.17	167	361462	42.02	nq	97
73) Di-n-butylphthalate	18.76	149	424467	42.63	nq	98
74) Fluoranthene	19.45	202	401769	43.11	nq	100
76) Benzidine	19.69	184	178421	38.68	nq	100
77) Pyrene	19.74	202	420339	42.55	nq	99
79) Butylbenzylphthalate	20.67	149	191042	42.70	nq	95
80) Benzo(a)anthracene	21.27	228	365540	40.42	nq	99
81) 3,3'-Dichlorobenzidine	21.27	252	119671	41.64	nq	99
82) Chrysene	21.31	228	332582	40.33	nq	99
83) Bis(2-ethylhexyl)phthalate	21.41	149	269974	43.62	nq	100
84) Di-n-octyl phthalate	22.17	149	452005	42.07	nq	99
85) Indeno(1,2,3-cd)pyrene	24.04	276	355047	40.62	nq	# 83
87) Benzo(b)fluoranthene	22.52	252	358789	42.82	nq	# 96
88) Benzo(k)fluoranthene	22.52	252	358789	49.01	nq	99
89) Benzo(a)pyrene	22.86	252	318411	43.08	nq	# 96
90) Dibenzo(a,h)anthracene	24.06	278	303980	44.82	nq	# 96
91) Benzo(g,h,i)perylene	24.33	276	308800	45.80	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

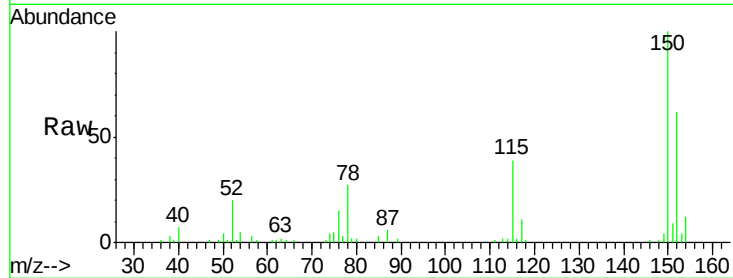
Tot Ion:152 Resp: 37047

Ion Ratio Lower Upper

152 100

150 162.0 121.7 182.5

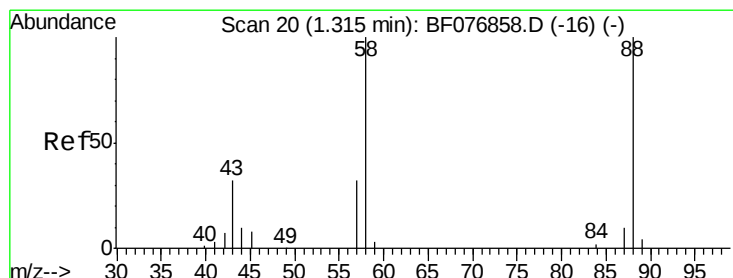
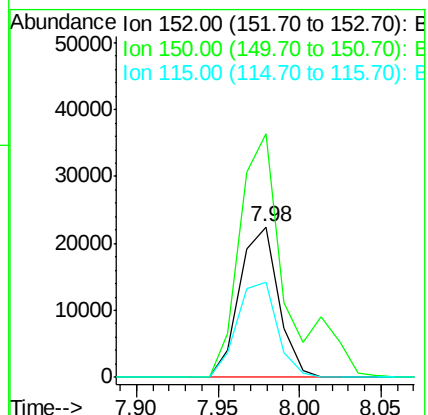
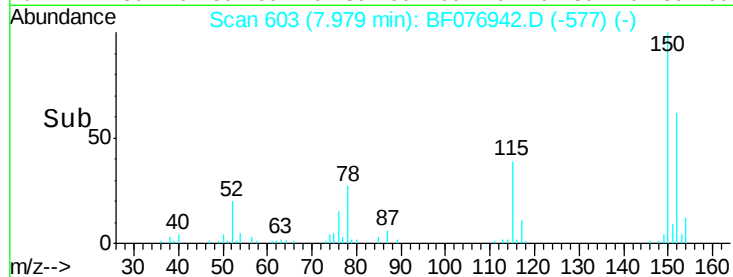
115 63.2 47.0 70.6



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: 41.49 ng

RT: 1.27 min Scan# 16

Delta R.T. -0.01 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

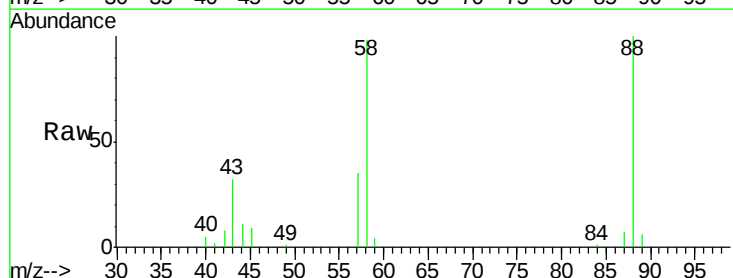
Tgt Ion: 88 Resp: 40028

Ion Ratio Lower Upper

88 100

58 92.7 77.0 115.4

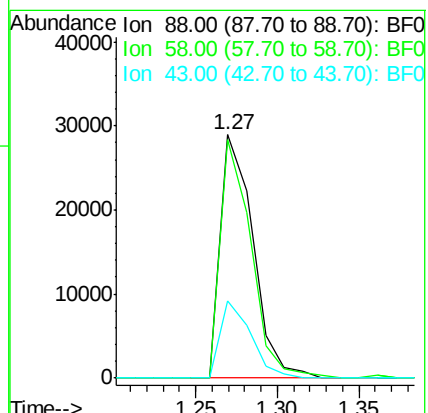
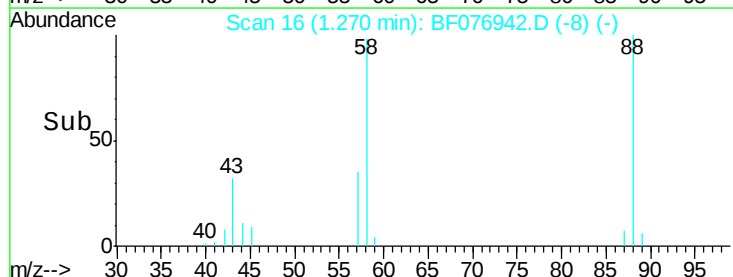
43 29.8 25.6 38.4

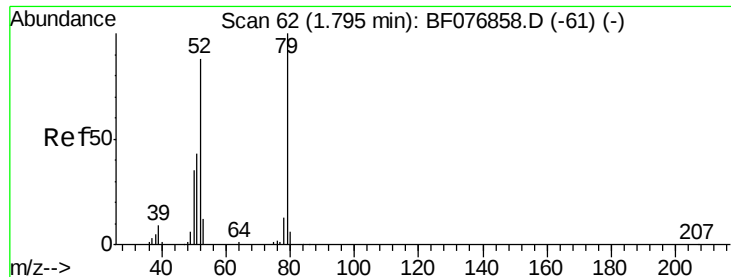


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.05 ng

RT: 1.75 min Scan# 58

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

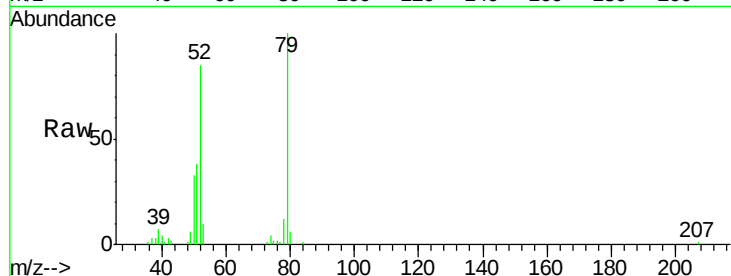
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 119967

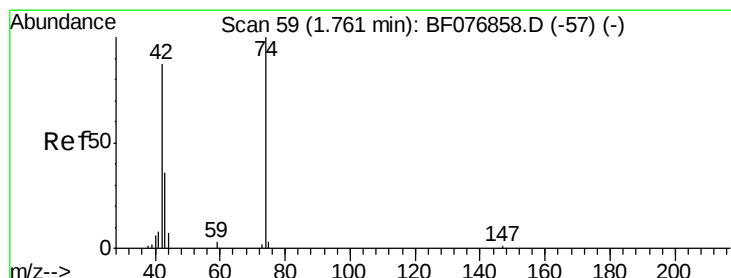
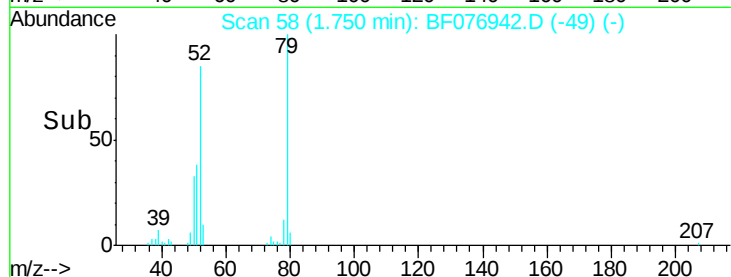
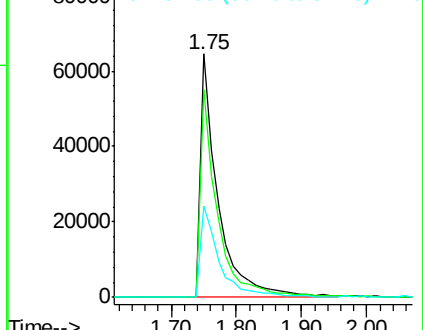
Ion	Ratio	Lower	Upper
79	100		
52	85.2	70.1	105.1
51	37.5	35.1	52.7



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: 44.63 ng

RT: 1.72 min Scan# 55

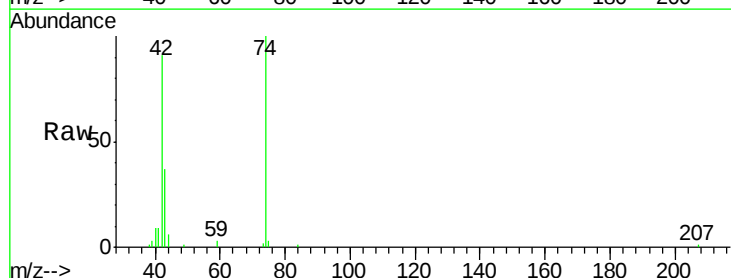
Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Tgt Ion: 42 Resp: 55197

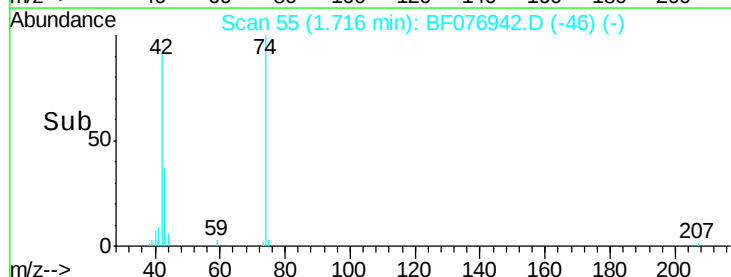
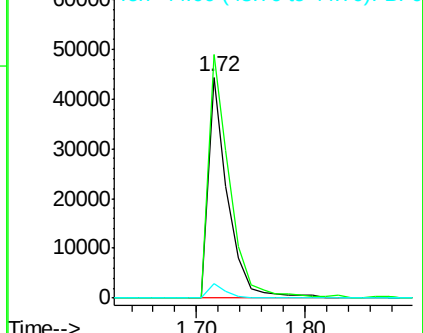
Ion	Ratio	Lower	Upper
42	100		
74	110.1	92.4	138.6
44	6.5	6.2	9.2



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: 84.83 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.00 min

Lab File: BF076942.D

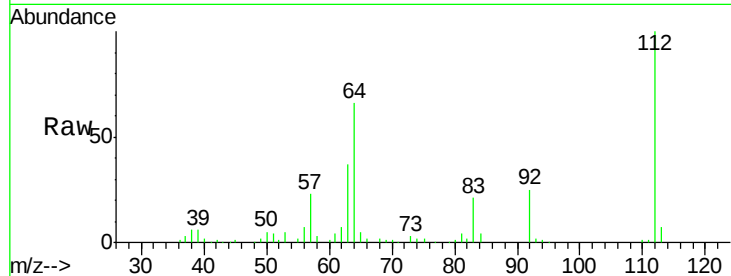
Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

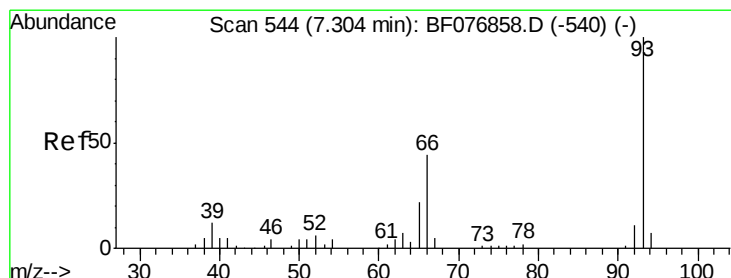
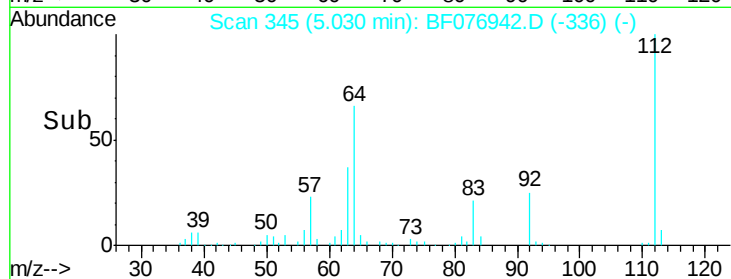
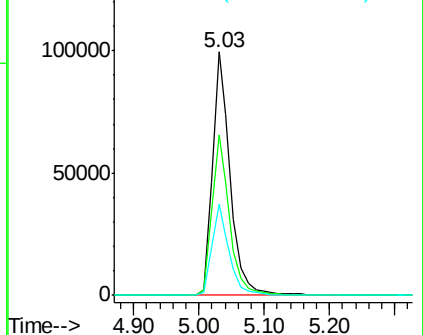
Tot Ion:	112	Resp:	191136
Ion	Ratio	Lower	Upper
112	100		
64	66.0	54.2	81.4
63	37.3	28.4	42.6



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: 42.74 ng

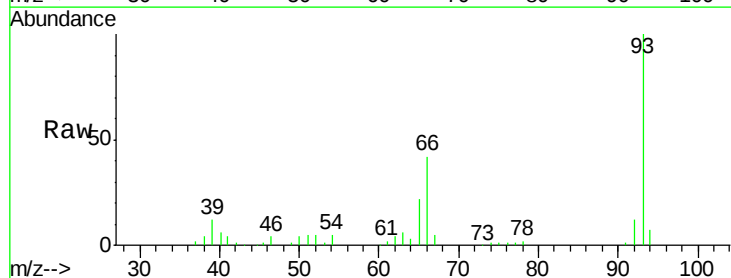
RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

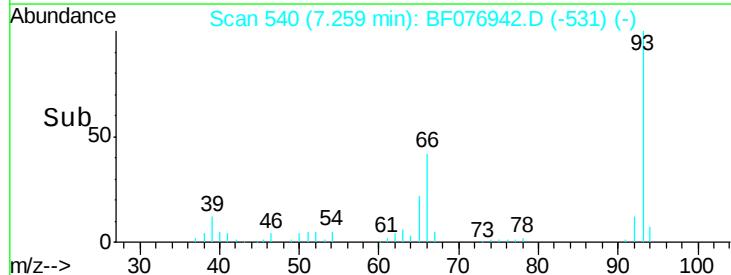
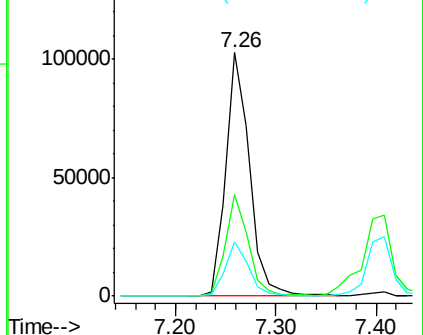
Tgt Ion:	93	Resp:	168144
Ion	Ratio	Lower	Upper
93	100		
66	41.6	35.0	52.4
65	22.1	17.7	26.5



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: 84.95 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

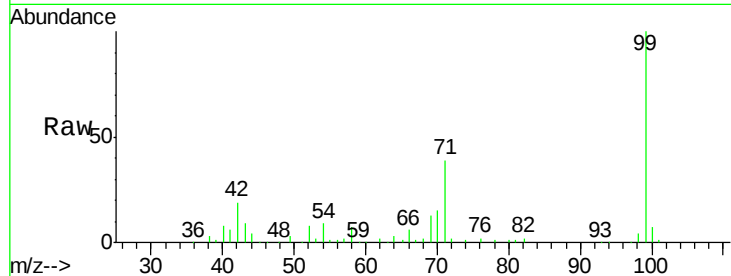
Tot Ion: 99 Resp: 241483

Ion Ratio Lower Upper

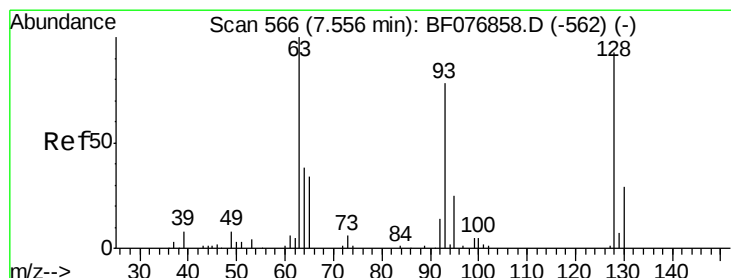
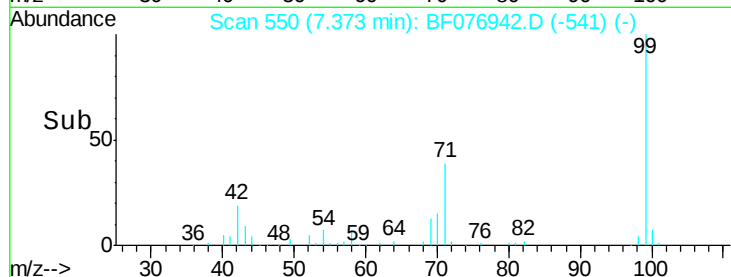
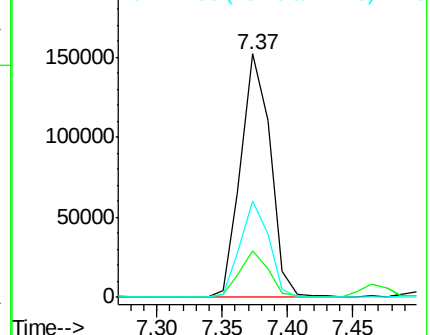
99 100

42 19.3 15.0 22.4

71 39.5 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: 42.47 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

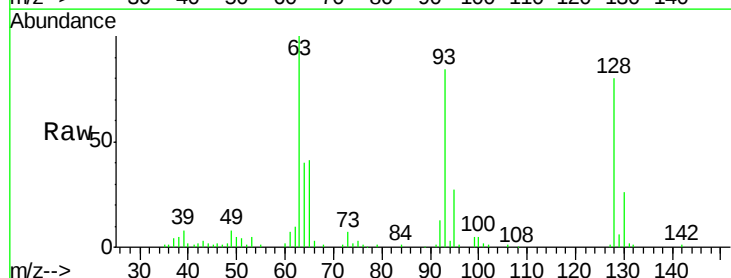
Tgt Ion: 128 Resp: 110321

Ion Ratio Lower Upper

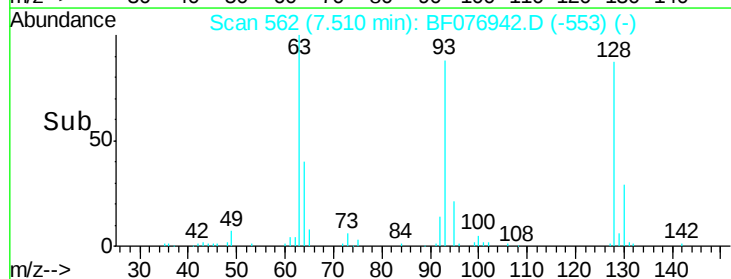
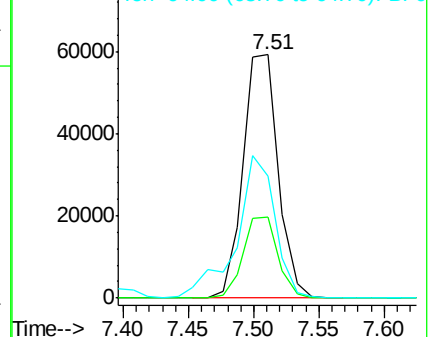
128 100

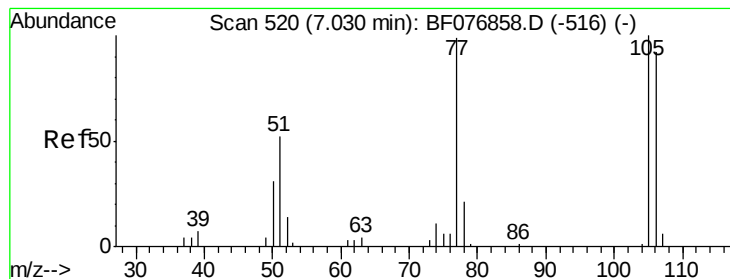
130 33.1 11.0 51.0

64 50.1 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: 37.25 ng

RT: 6.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

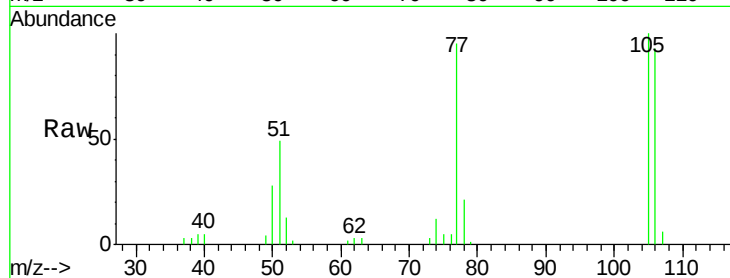
Tot Ion: 77 Resp: 61184

Ion Ratio Lower Upper

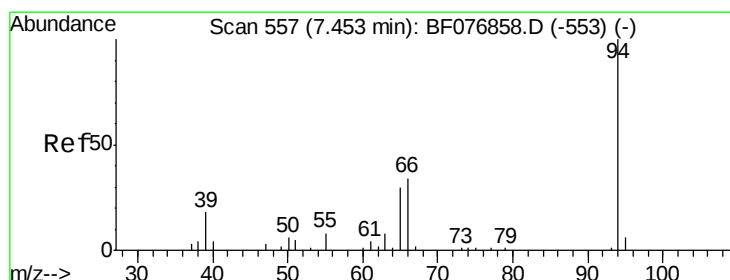
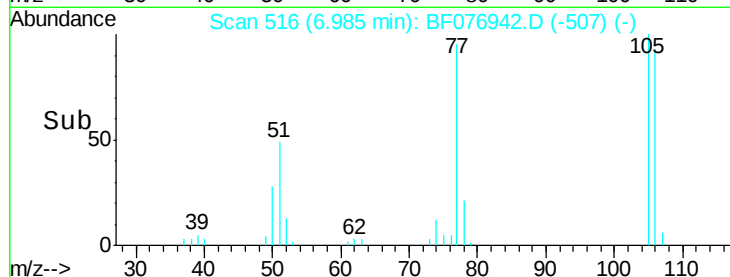
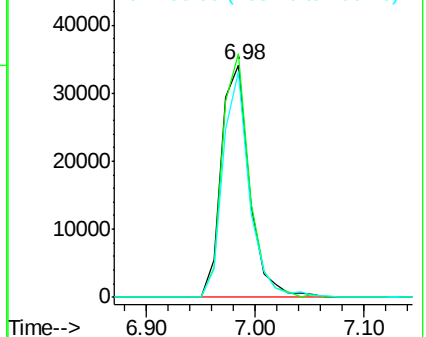
77 100

105 104.7 81.4 121.4

106 97.3 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: 43.50 ng

RT: 7.41 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

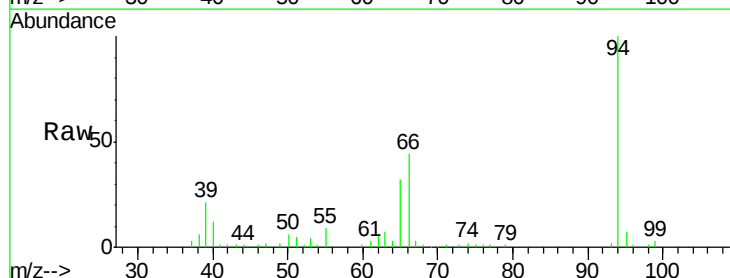
Tgt Ion: 94 Resp: 131311

Ion Ratio Lower Upper

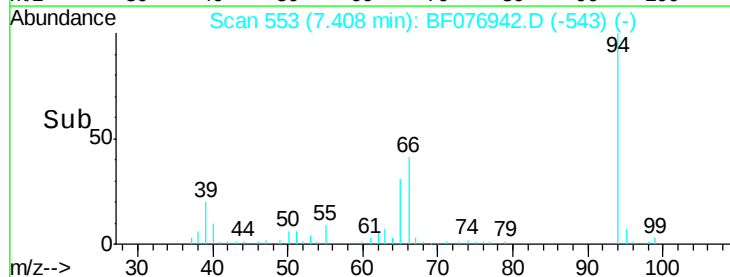
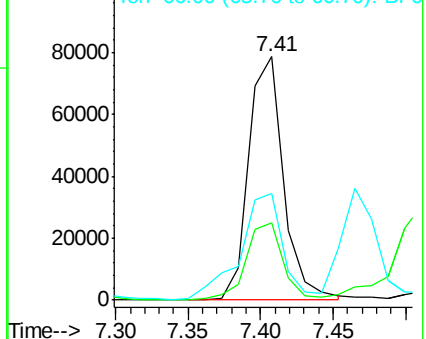
94 100

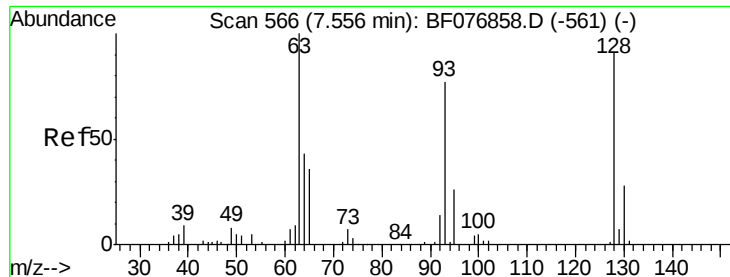
65 31.6 11.3 51.3

66 43.7 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

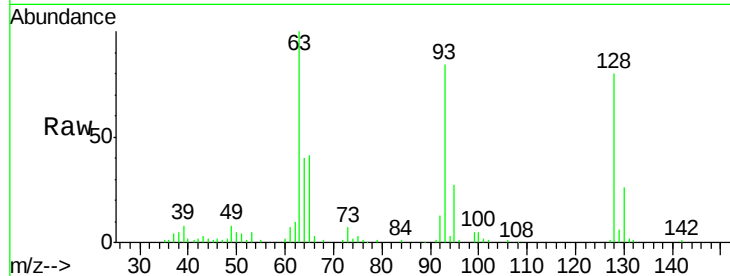




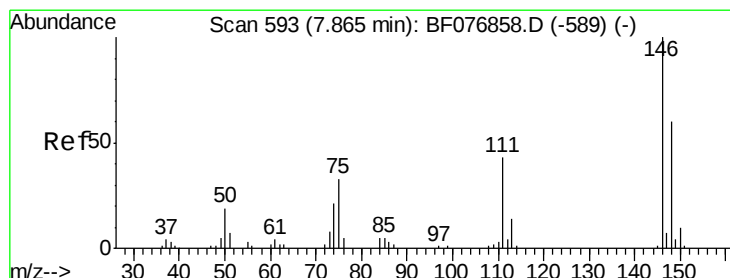
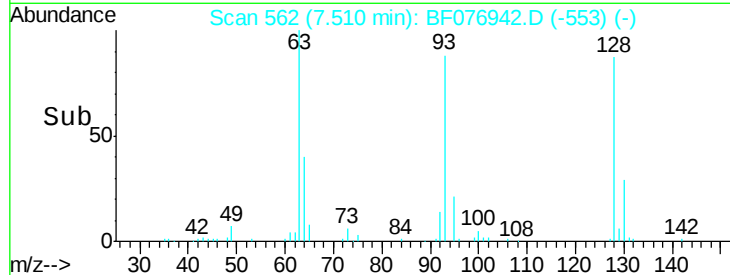
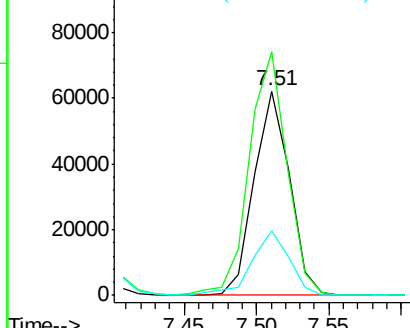
#11
bis(2-Chloroethyl)ether
Concen: 44.59 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 105315
Ion Ratio Lower Upper
93 100
63 119.3 111.3 151.3
95 31.7 13.8 53.8

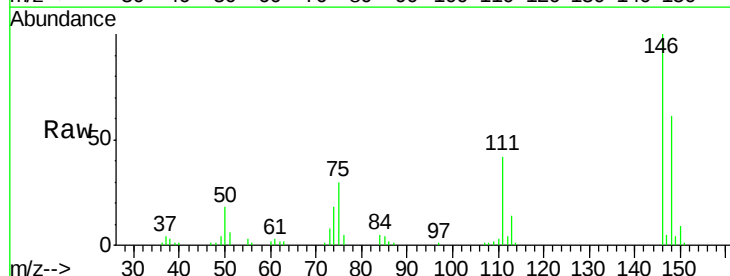


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

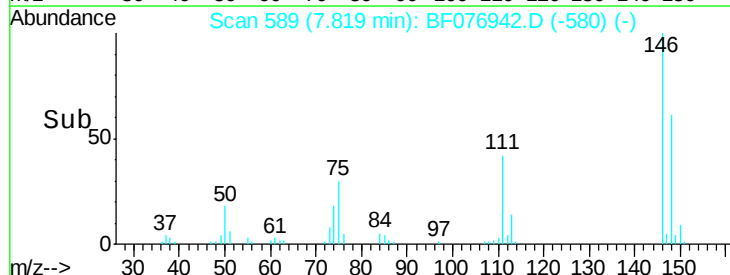
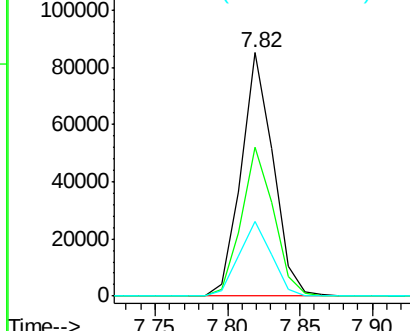


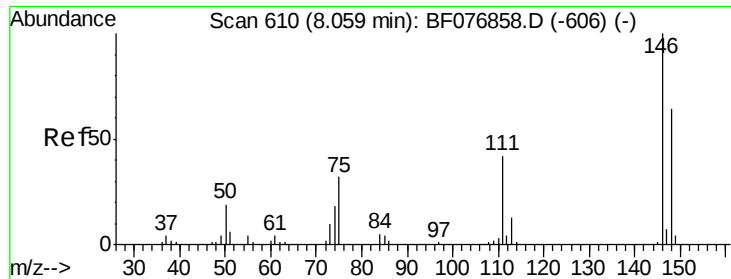
#12
1,3-Dichlorobenzene
Concen: 44.04 ng
RT: 7.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion: 146 Resp: 130169
Ion Ratio Lower Upper
146 100
148 61.0 48.1 72.1
75 30.4 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

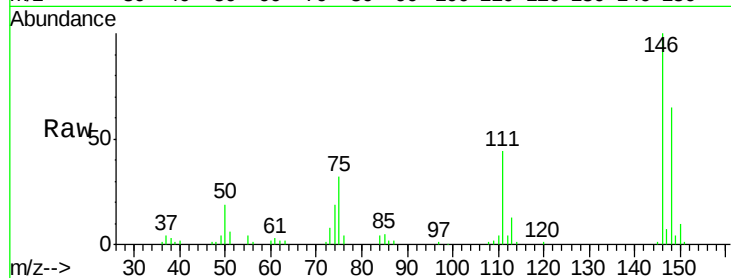




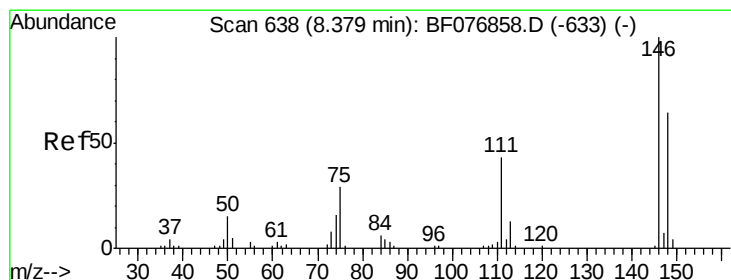
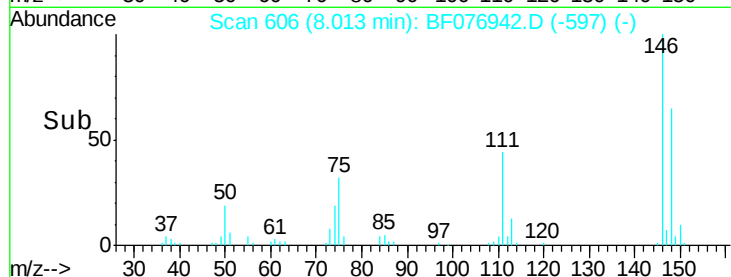
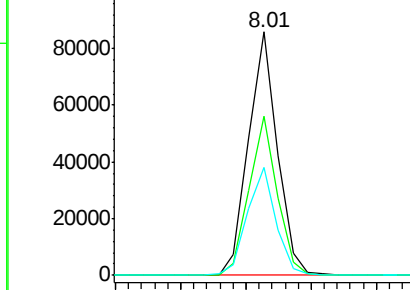
#13
 1,4-Dichlorobenzene
 Concen: 42.29 ng
 RT: 8.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 132534
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.5 77.3
 111 44.1 33.9 50.9

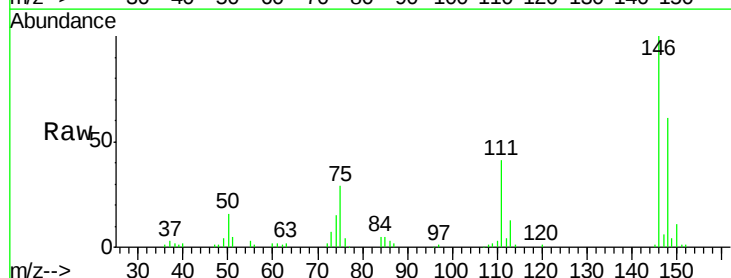


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

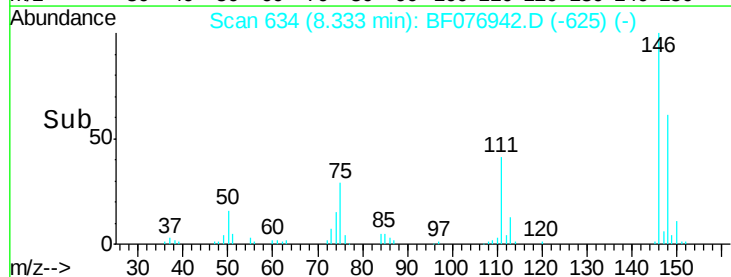
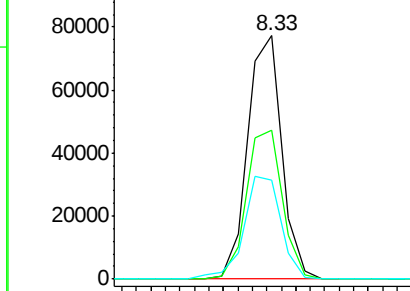


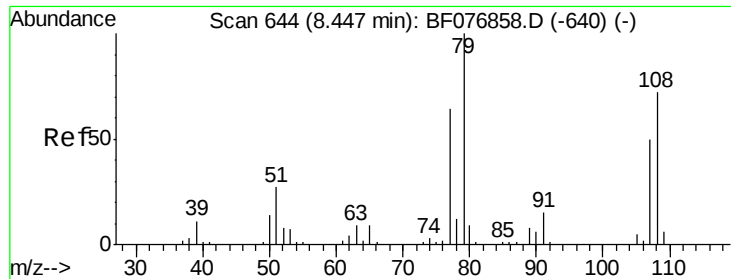
#14
 1,2-Dichlorobenzene
 Concen: 43.67 ng
 RT: 8.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:146 Resp: 126115
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.3 76.9
 111 40.6 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 43.45 ng

RT: 8.41 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :
BNA_F
ClientSampleId :

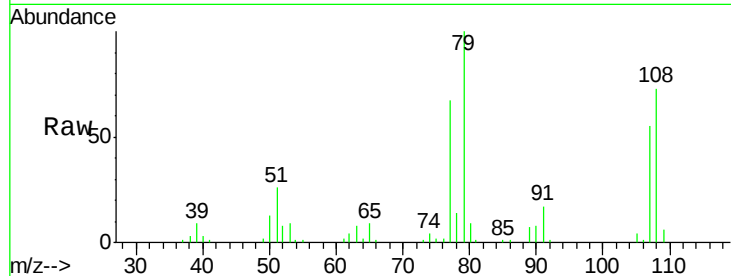
Tot Ion: 79 Resp: 99932

Ion Ratio Lower Upper

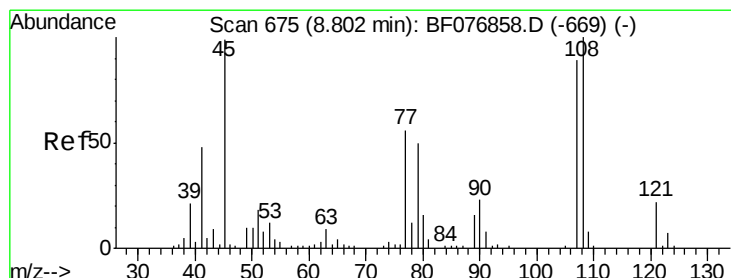
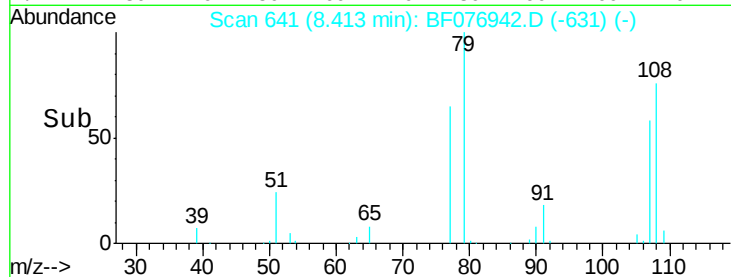
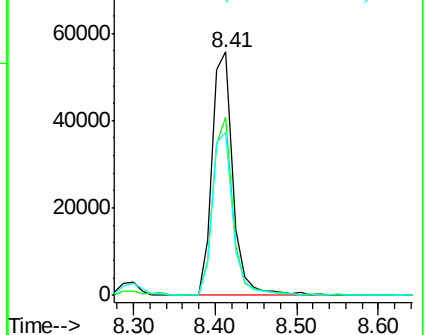
79 100

108 73.5 57.2 85.8

77 66.8 51.2 76.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.17 ng

RT: 8.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

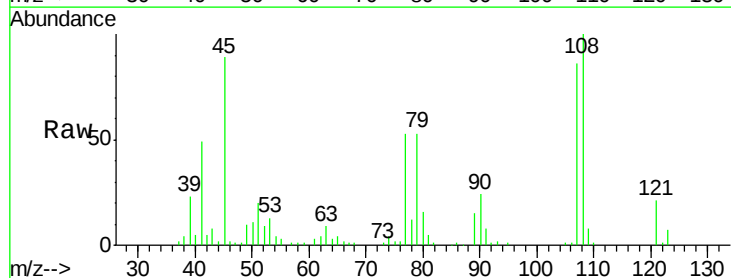
Tgt Ion: 45 Resp: 133888

Ion Ratio Lower Upper

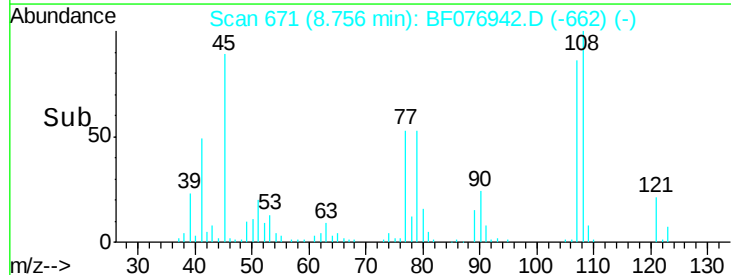
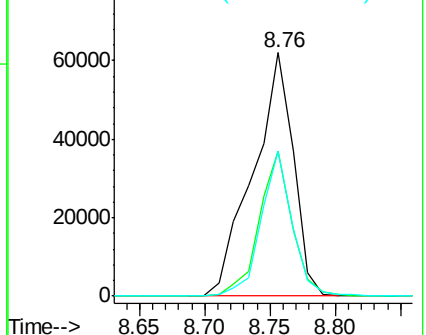
45 100

77 59.5 36.1 76.1

79 59.6 30.5 70.5



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





#17

2-Methylphenol

Concen: 43.42 ng

RT: 8.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 92182

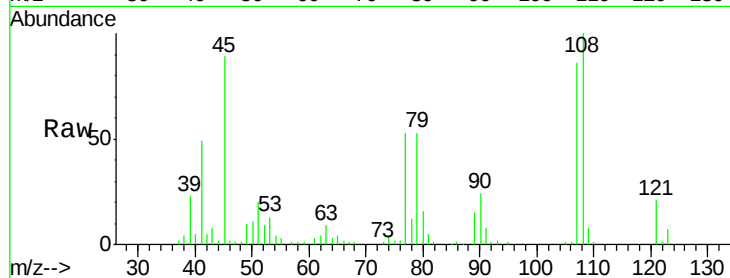
Ion Ratio Lower Upper

107 100

108 115.9 89.7 134.5

77 61.7 50.1 75.1

79 61.8 45.0 67.6

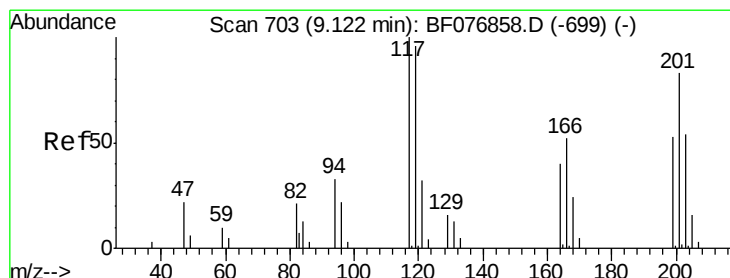
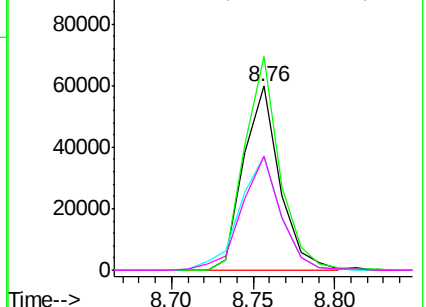
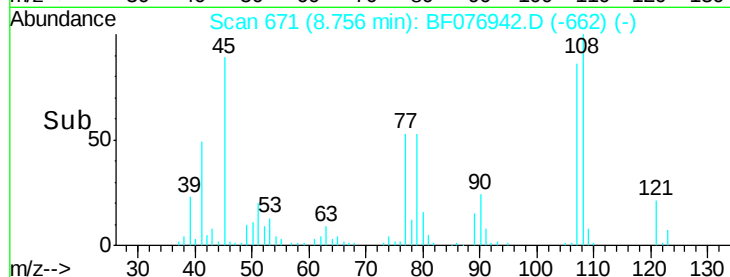


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.82 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

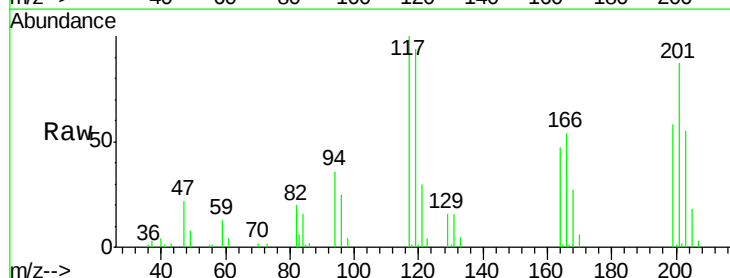
Tgt Ion:117 Resp: 47761

Ion Ratio Lower Upper

117 100

119 93.6 77.1 115.7

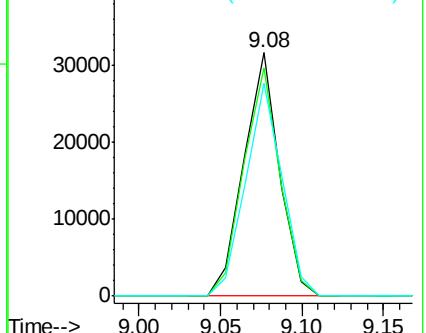
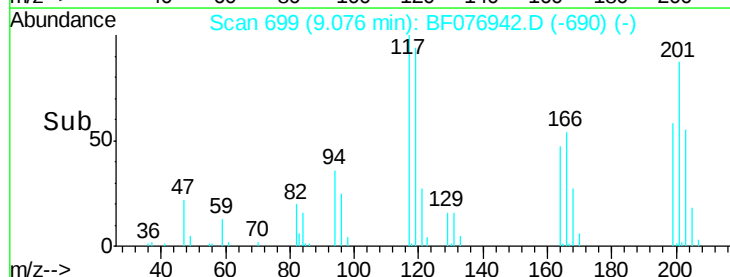
201 87.3 66.8 100.2

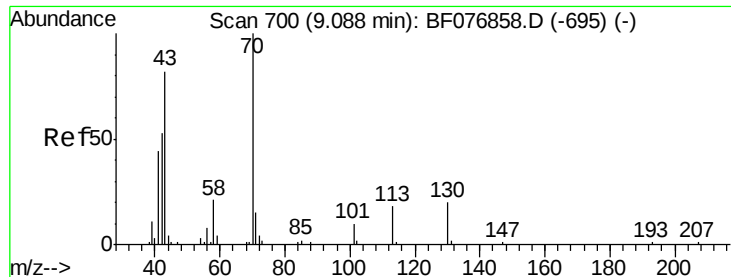


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

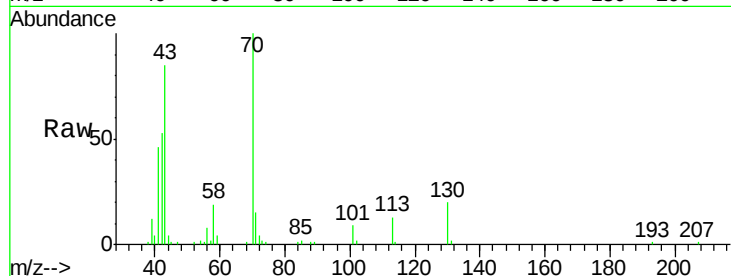




#19
n-Nitroso-di-n-propylamine
Concen: 42.53 ng
RT: 9.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	84615
Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.1	63.1
101	8.7	7.8	11.8
130	19.8	16.2	24.4



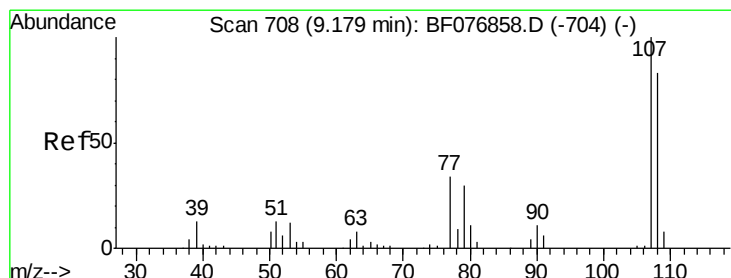
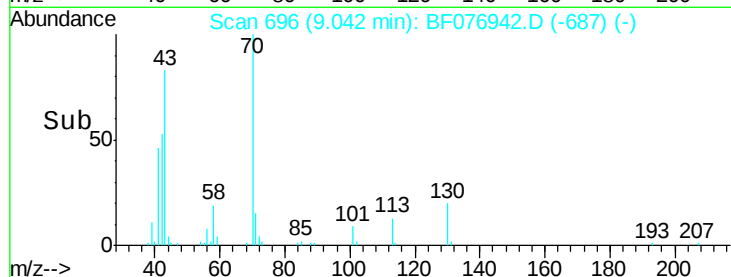
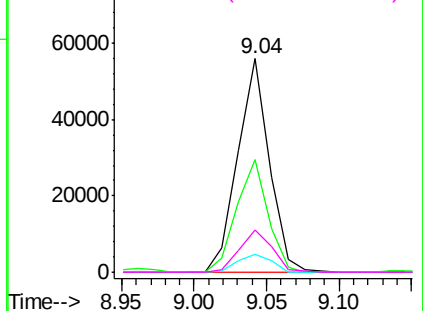
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

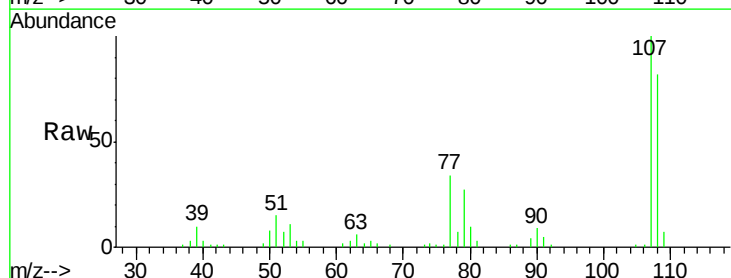
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 43.21 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:	107	Resp:	121456
Ion	Ratio	Lower	Upper
107	100		
108	82.4	63.5	103.5
77	34.5	14.0	54.0
79	27.1	9.9	49.9



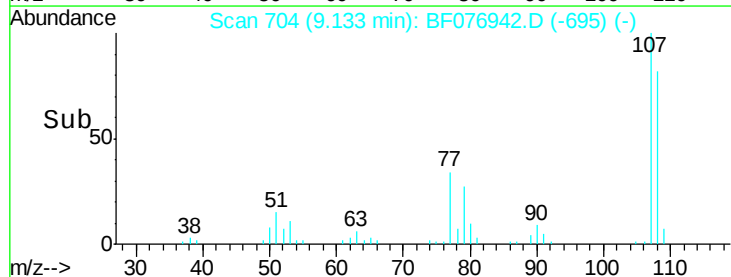
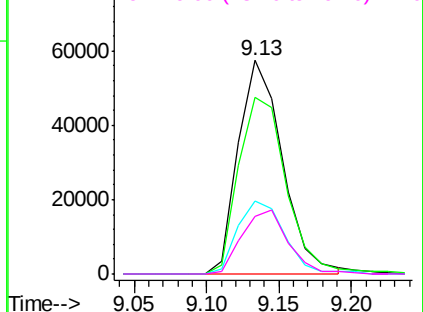
Abundance

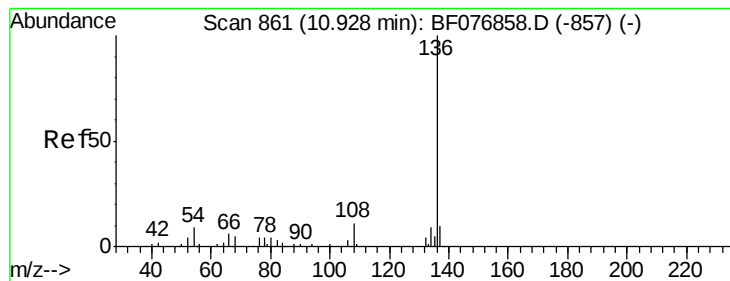
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 162568

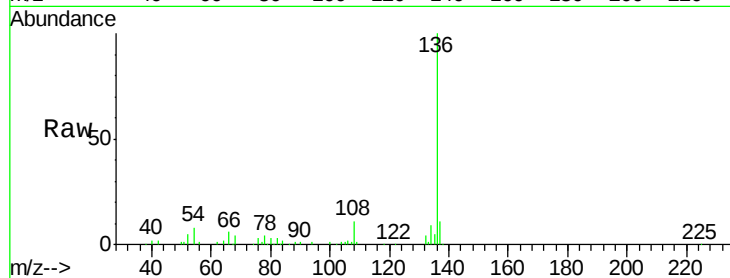
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 8.0 7.0 10.4

68 4.2 3.7 5.5

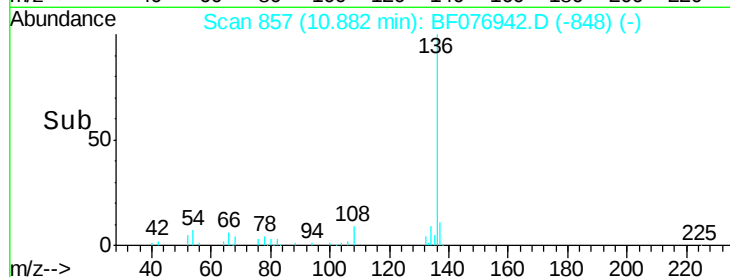


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

10.88

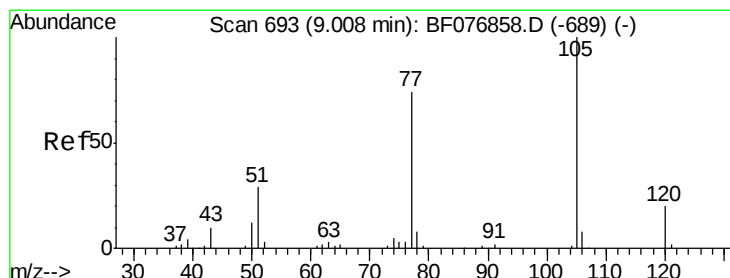
150000

100000

50000

0

10.80 10.85 10.90 10.95



#22

Acetophenone

Concen: 42.72 ng

RT: 8.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Tgt Ion:105 Resp: 170105

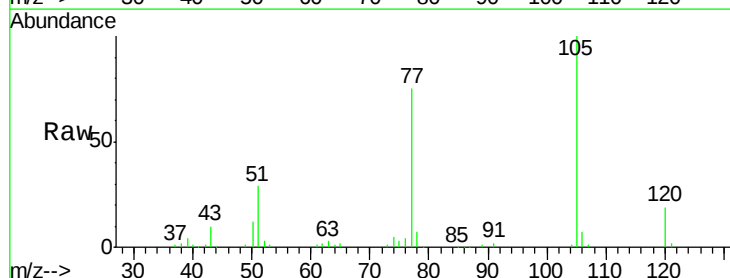
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 29.4 23.3 34.9

120 19.2 16.1 24.1

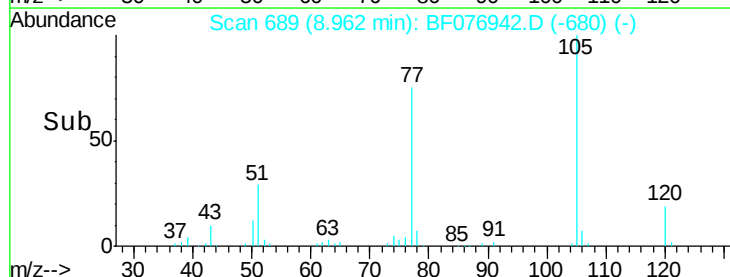


Abundance Ion 105.00 (104.70 to 105.70): E

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



Time-->

8.96

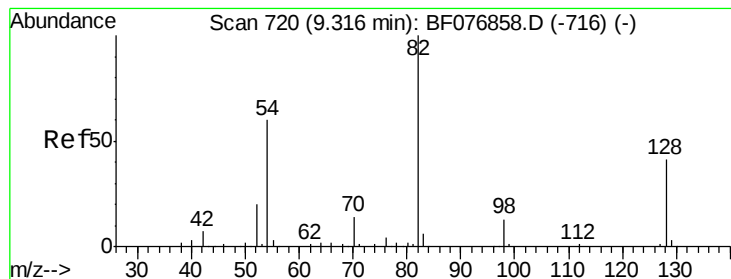
150000

100000

50000

0

8.90 8.95 9.00 9.05



#23

Nitrobenzene-d5

Concen: 84.53 ng

RT: 9.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

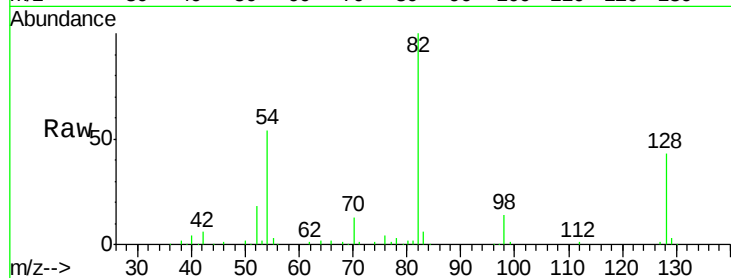
Tot Ion: 82 Resp: 248044

Ion Ratio Lower Upper

82 100

128 43.3 33.1 49.7

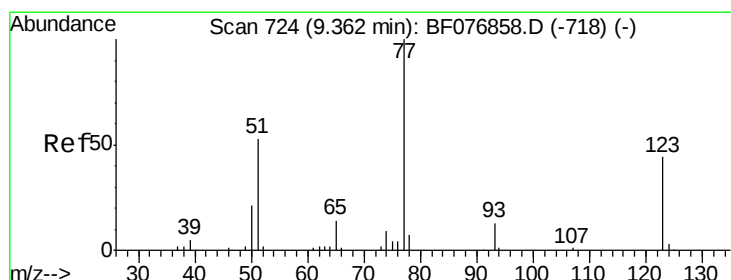
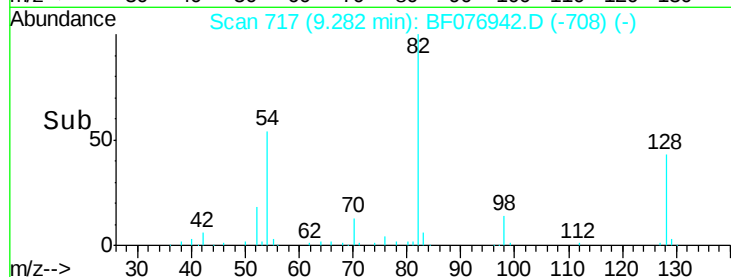
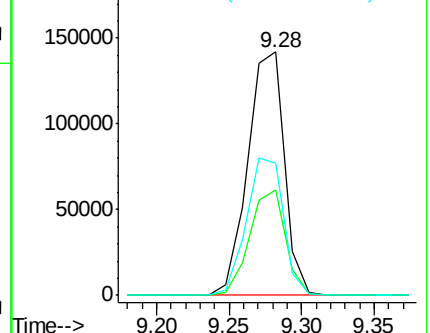
54 54.2 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.00 ng

RT: 9.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

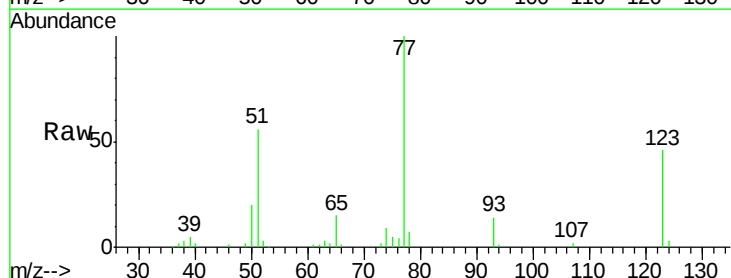
Tgt Ion: 77 Resp: 125559

Ion Ratio Lower Upper

77 100

123 46.2 35.2 52.8

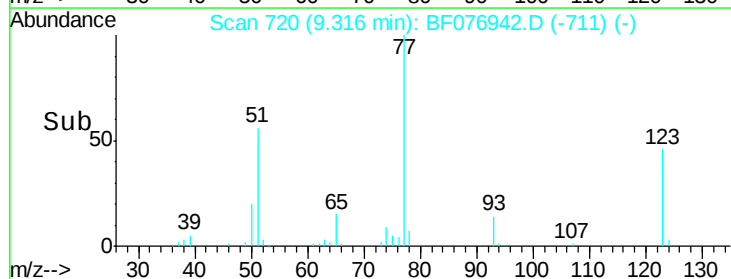
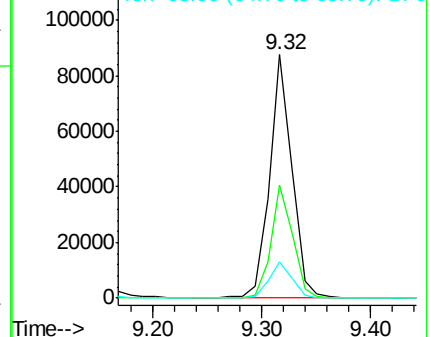
65 15.0 11.4 17.2

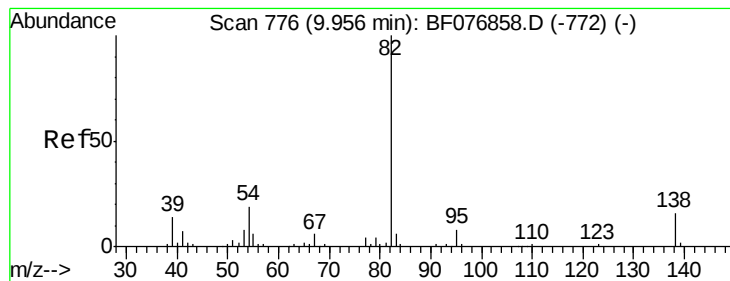


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.63 ng

RT: 9.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

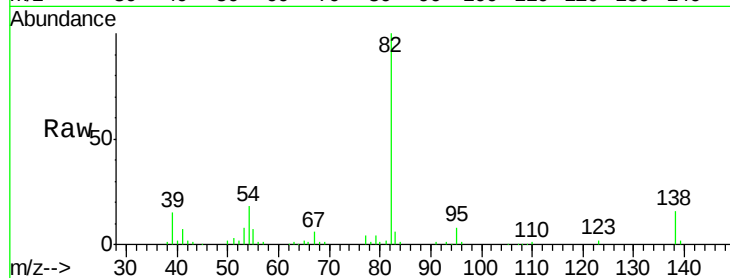
Tot Ion: 82 Resp: 222449

Ion Ratio Lower Upper

82 100

95 8.2 6.6 10.0

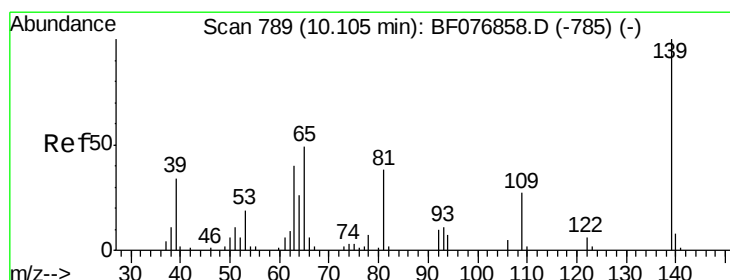
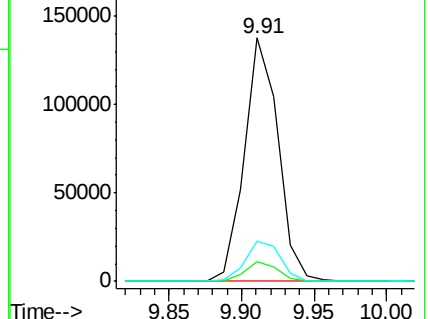
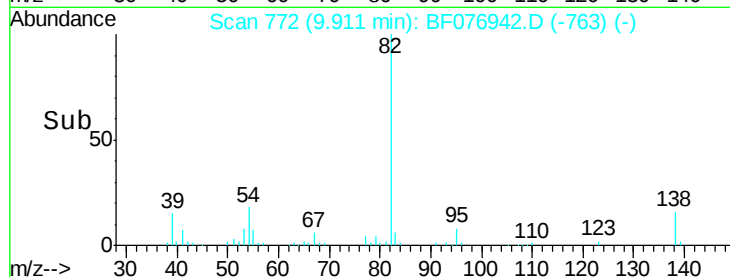
138 16.2 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-772) (-)

Ion 95.00 (94.70 to 95.70): BF076858.D (-772) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-772) (-)



#26

2-Nitrophenol

Concen: 40.51 ng

RT: 10.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

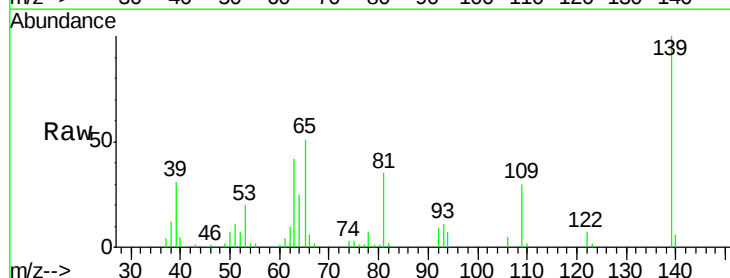
Tgt Ion: 139 Resp: 61573

Ion Ratio Lower Upper

139 100

109 30.2 21.3 31.9

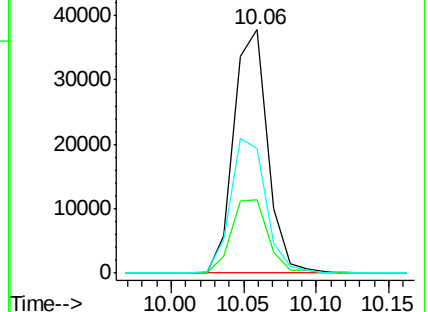
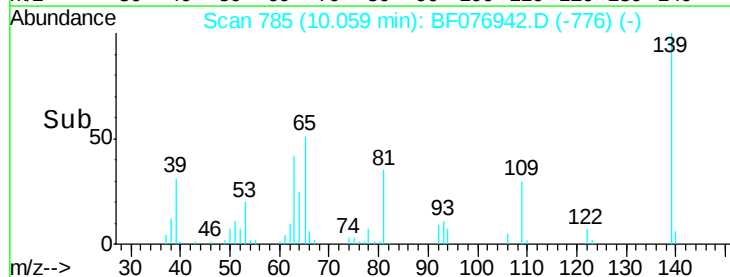
65 51.1 39.4 59.0

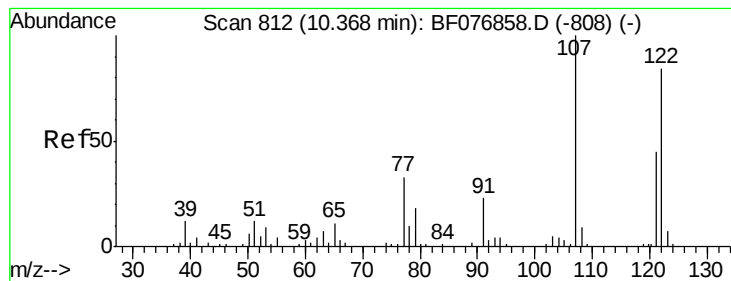


Abundance Ion 139.00 (138.70 to 139.70): BF076858.D (-785) (-)

Ion 109.00 (108.70 to 109.70): BF076858.D (-785) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-785) (-)





#27

2,4-Dimethylphenol

Concen: 41.10 ng

RT: 10.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

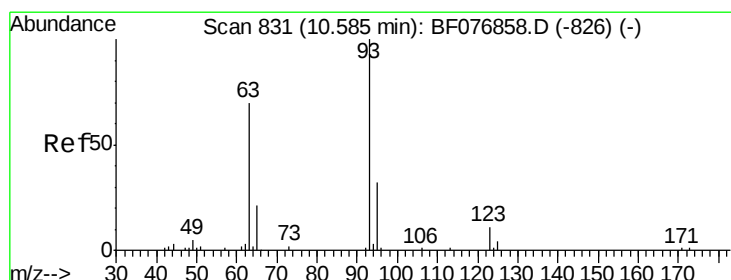
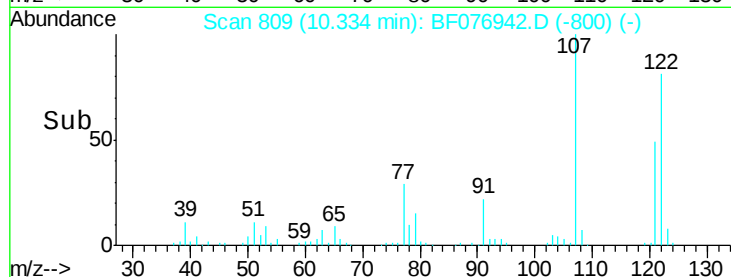
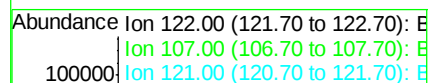
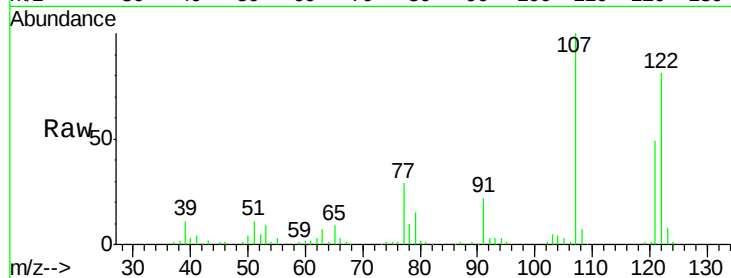
Tot Ion:122 Resp: 95002

Ion Ratio Lower Upper

122 100

107 123.9 95.2 142.8

121 60.9 42.9 64.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.07 ng

RT: 10.54 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

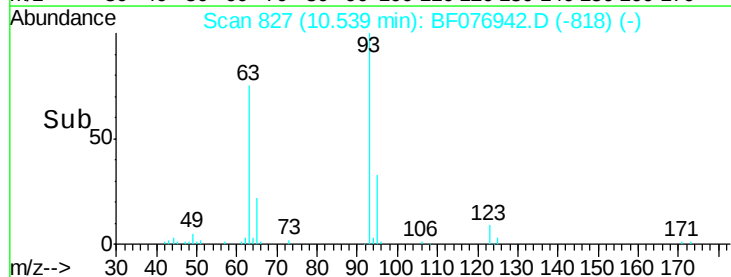
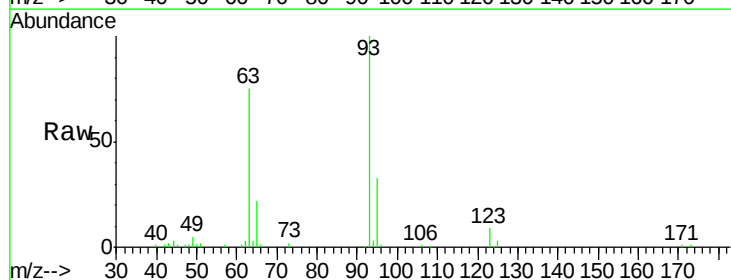
Tgt Ion: 93 Resp: 127778

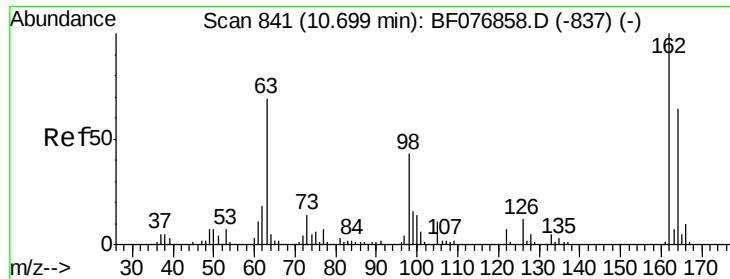
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 9.1 8.9 13.3

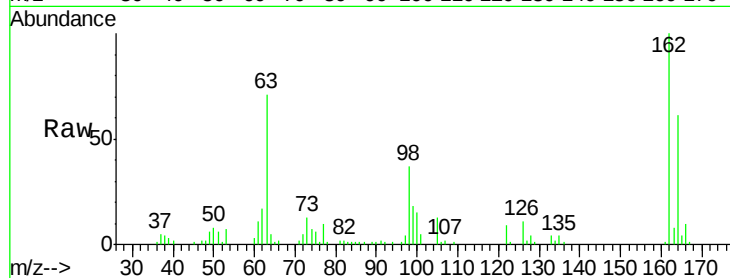




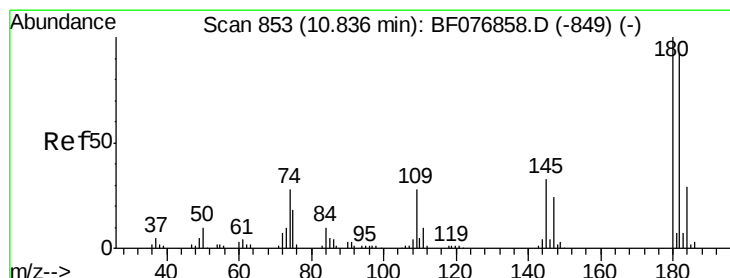
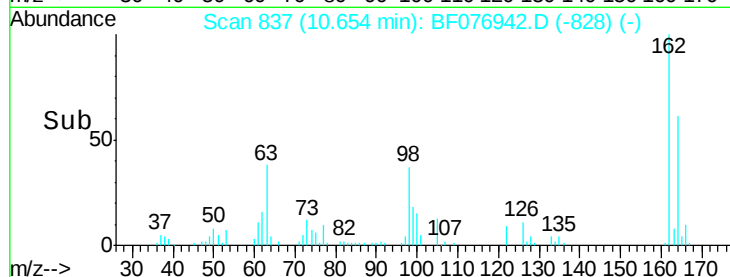
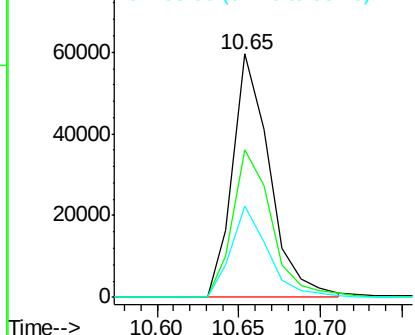
#29
 2,4-Dichlorophenol
 Concen: 43.63 ng
 RT: 10.65 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 94005
 Ion Ratio Lower Upper
 162 100
 164 60.7 43.8 83.8
 98 37.3 22.5 62.5

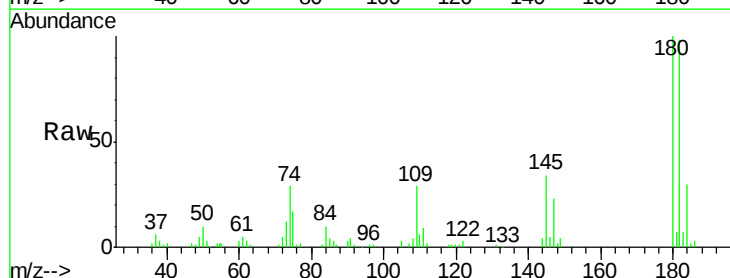


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

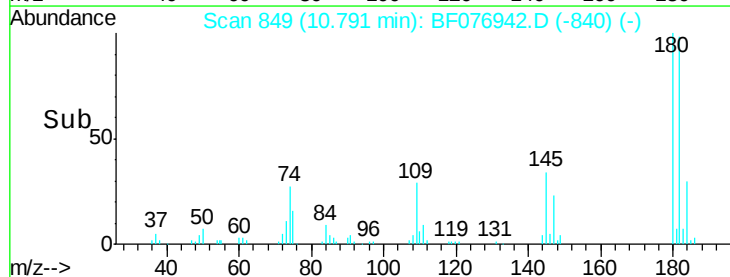
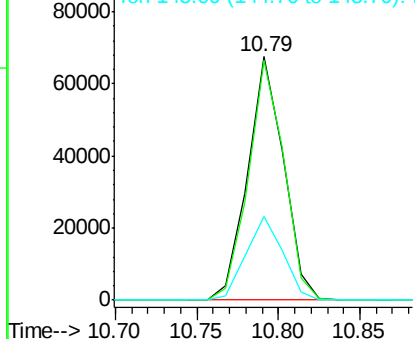


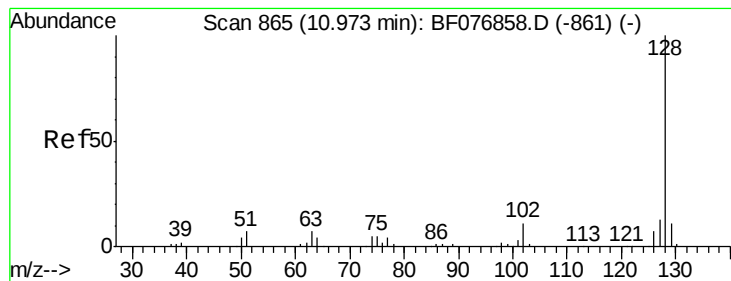
#30
 1,2,4-Trichlorobenzene
 Concen: 43.17 ng
 RT: 10.79 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:180 Resp: 103306
 Ion Ratio Lower Upper
 180 100
 182 98.3 73.6 110.4
 145 34.4 26.6 39.8



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

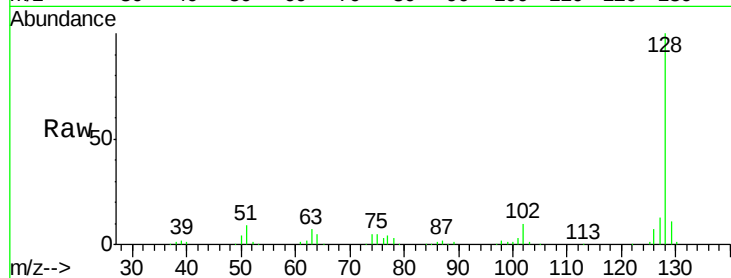




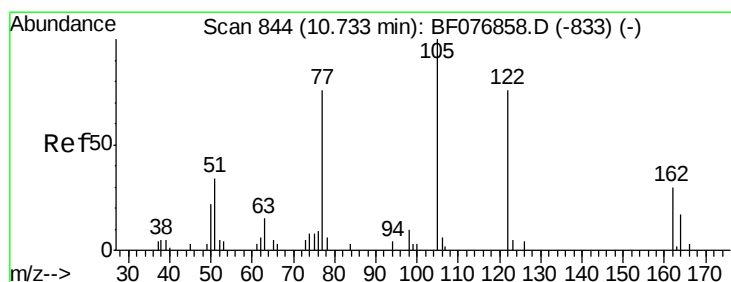
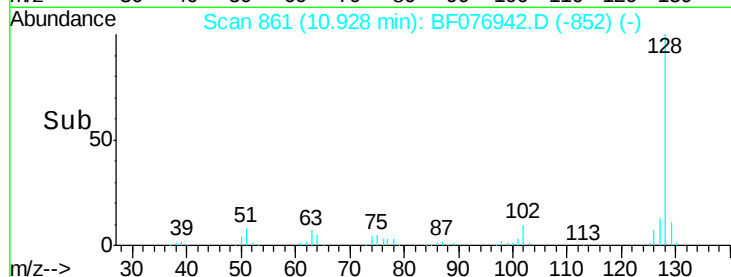
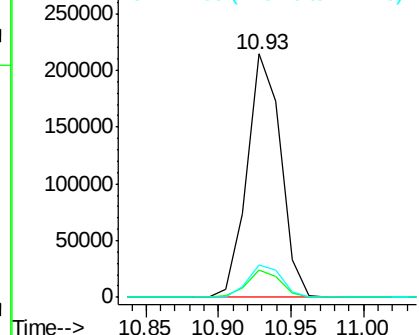
#31
Naphthalene
Concen: 41.37 ng
RT: 10.93 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 346290
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.2 15.2

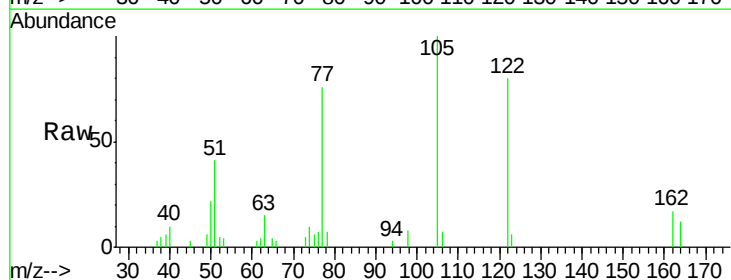


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

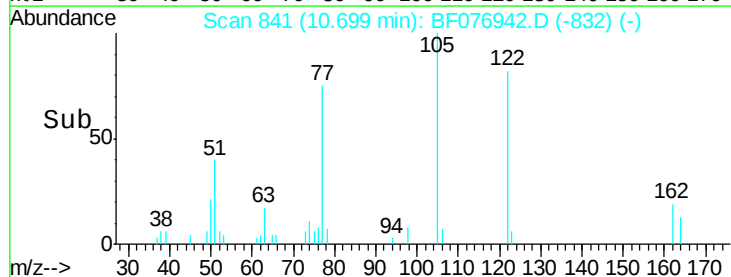
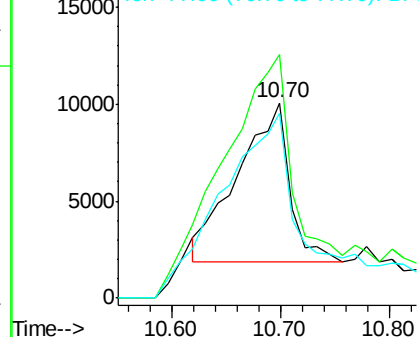


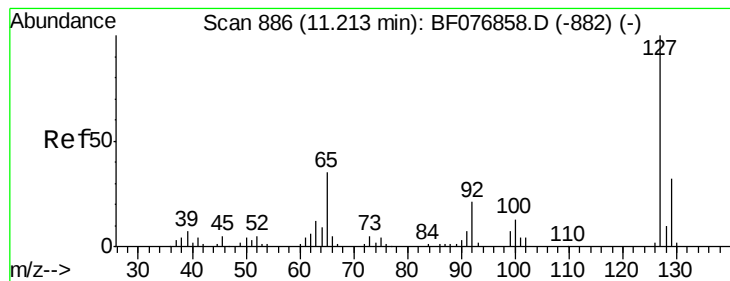
#32
Benzoic acid
Concen: 21.36 ng
RT: 10.70 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:122 Resp: 27351
Ion Ratio Lower Upper
122 100
105 124.5 111.3 151.3
77 94.6 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.91 ng

RT: 11.18 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 141751

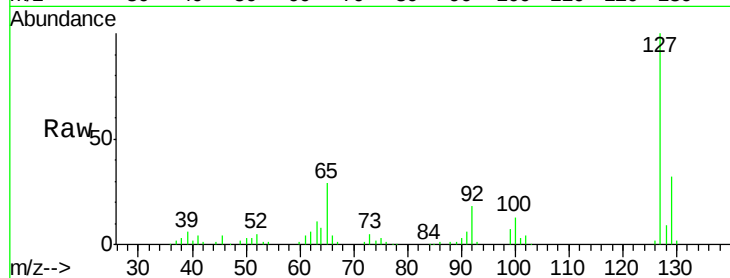
Ion Ratio Lower Upper

127 100

129 32.1 25.3 37.9

65 28.9 27.8 41.6

92 17.6 16.5 24.7

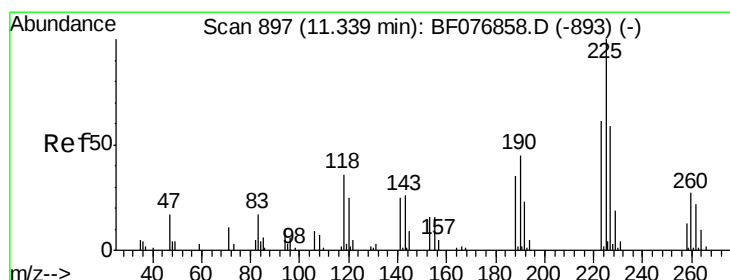
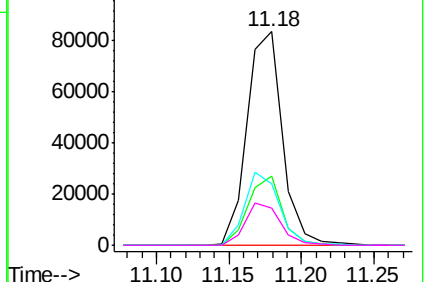
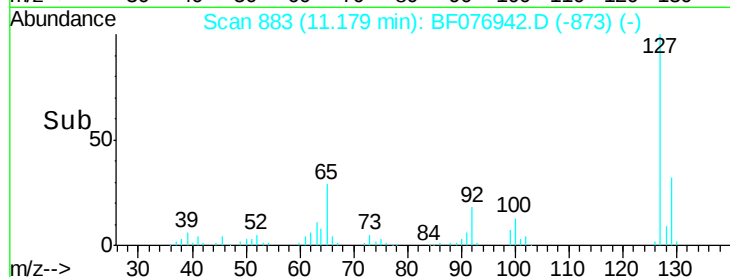


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.33 ng

RT: 11.29 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

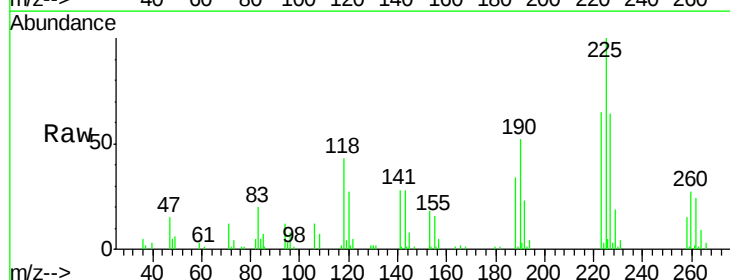
Tgt Ion:225 Resp: 58686

Ion Ratio Lower Upper

225 100

223 64.7 49.1 73.7

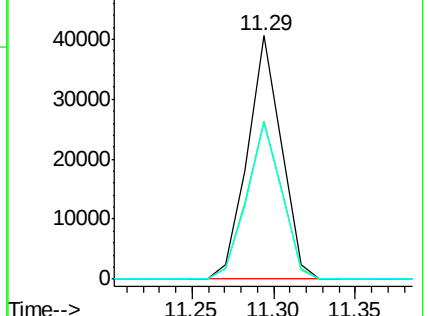
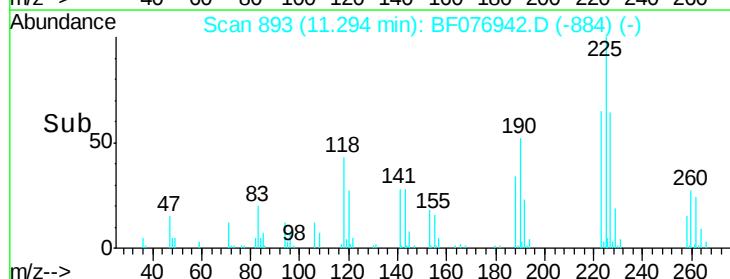
227 64.1 47.5 71.3

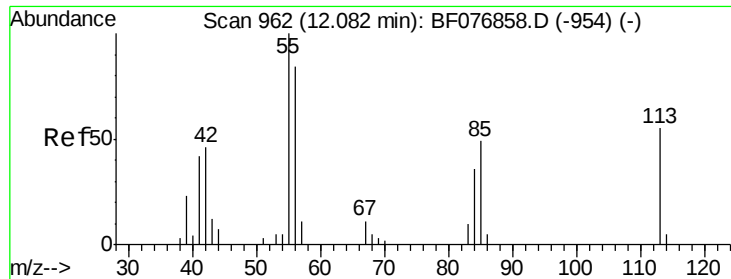


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

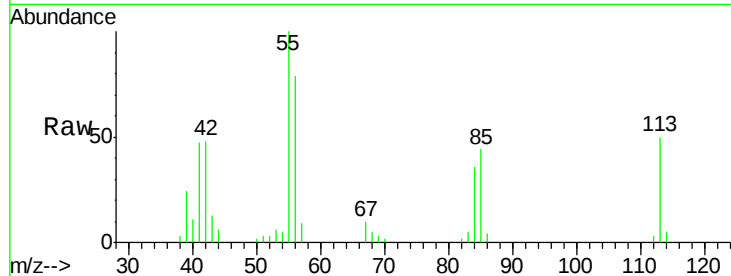




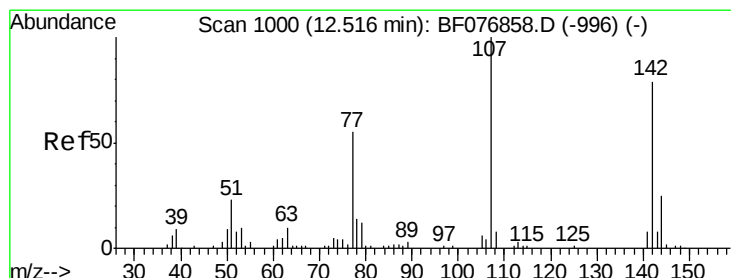
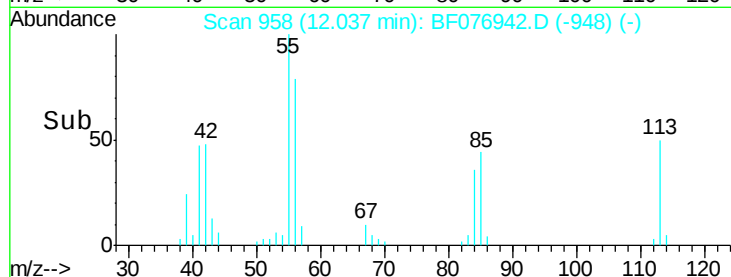
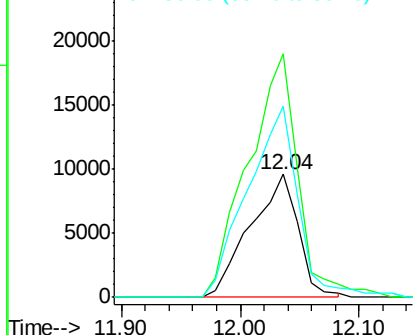
#35
 Caprolactam
 Concen: 42.34 ng
 RT: 12.04 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 26858
 Ion Ratio Lower Upper
 113 100
 55 198.5 162.1 202.1
 56 155.9 133.7 173.7

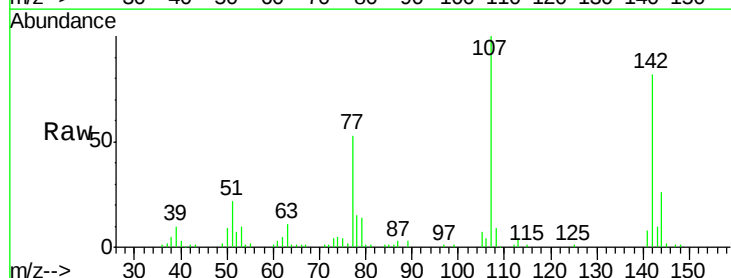


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

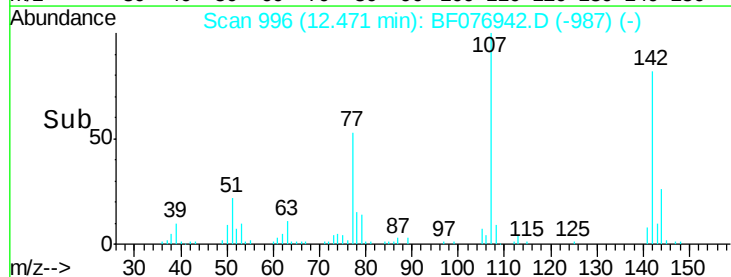
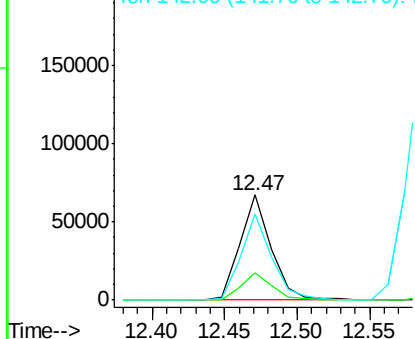


#36
 4-Chloro-3-methylphenol
 Concen: 40.74 ng
 RT: 12.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:107 Resp: 100498
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.0 30.0
 142 82.1 63.5 95.3



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

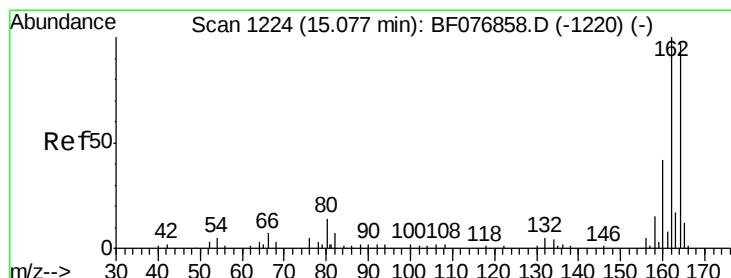
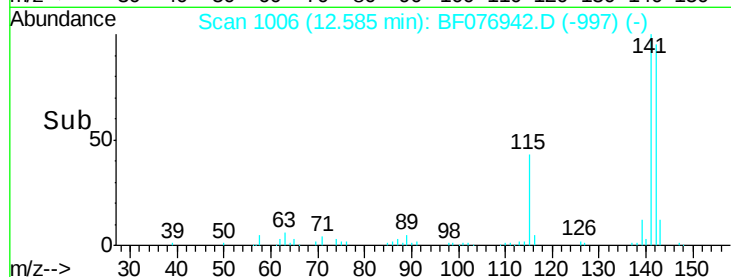
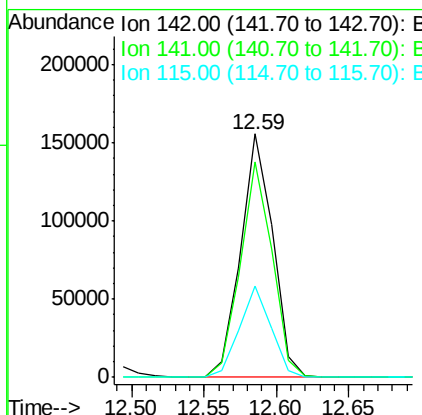
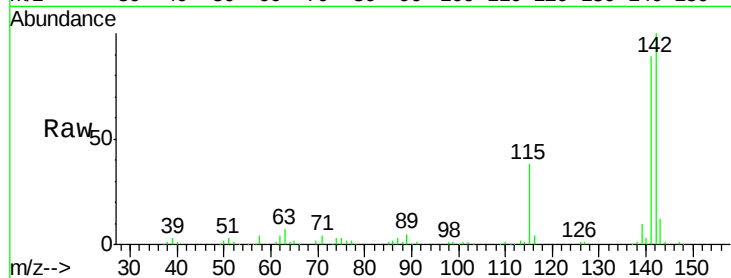




#37
 2-Methylnaphthalene
 Concen: 41.87 ng
 RT: 12.59 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

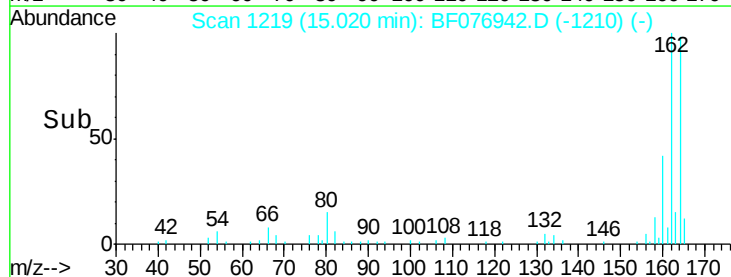
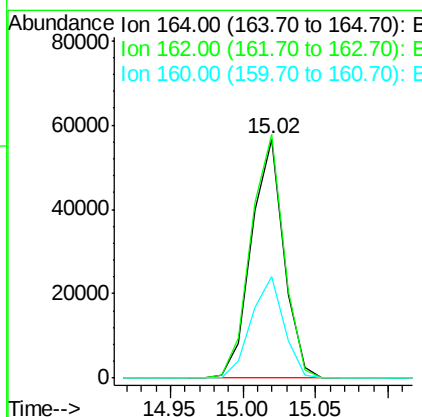
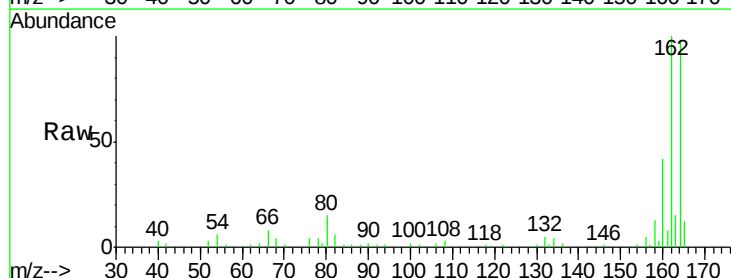
Instrument :
 BNA_F
 ClientSampleId :

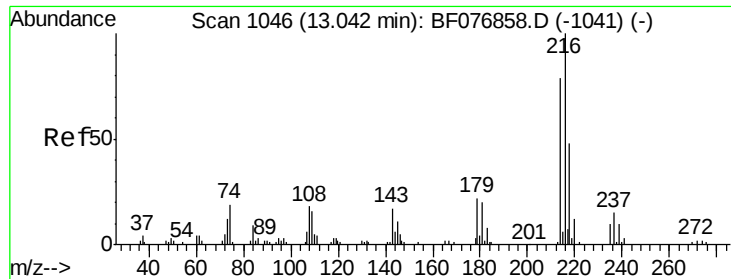
Tot Ion:142 Resp: 239299
 Ion Ratio Lower Upper
 142 100
 141 88.6 74.5 111.7
 115 37.6 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:164 Resp: 87558
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.4 123.6
 160 42.8 34.8 52.2

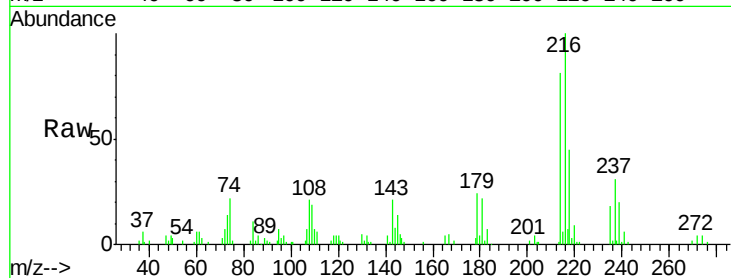




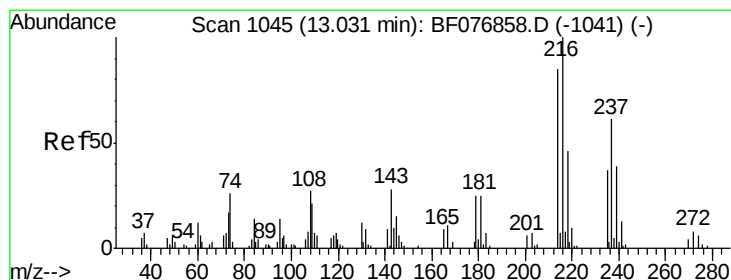
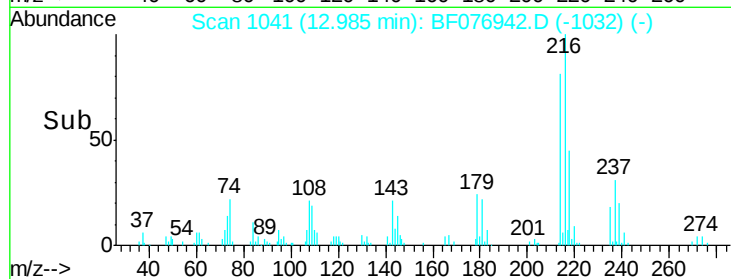
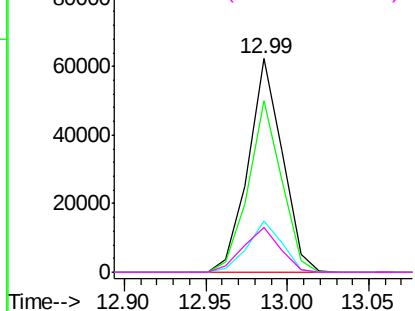
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.06 ng
 RT: 12.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 91053
 Ion Ratio Lower Upper
 216 100
 214 78.1 64.9 97.3
 179 23.7 18.6 28.0
 108 22.3 18.1 27.1

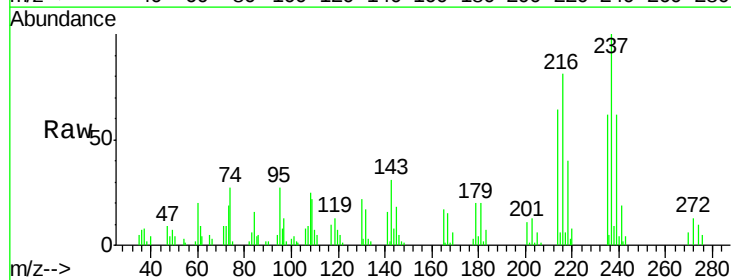


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

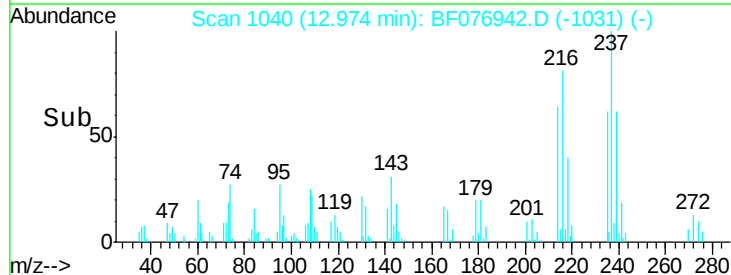
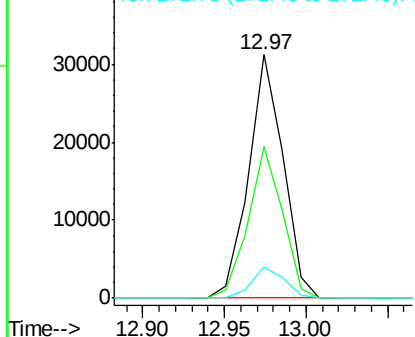


#40
 Hexachlorocyclopentadiene
 Concen: 41.59 ng
 RT: 12.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:237 Resp: 45746
 Ion Ratio Lower Upper
 237 100
 235 62.0 40.4 80.4
 272 12.7 0.0 33.2



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

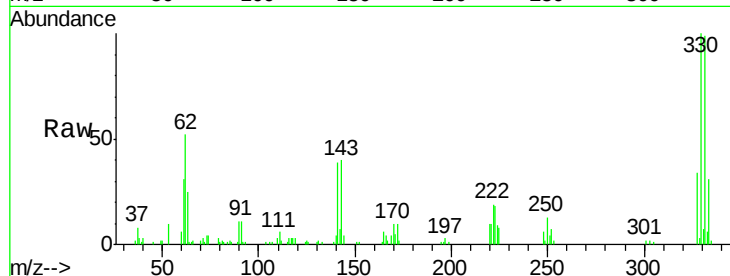




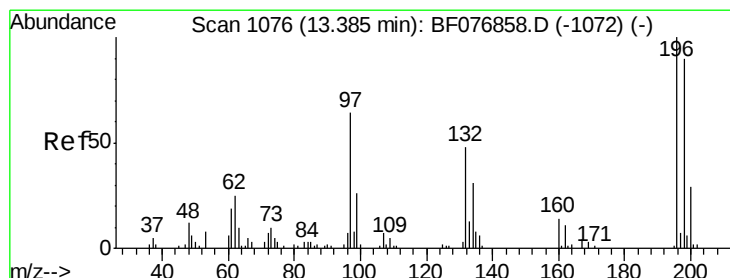
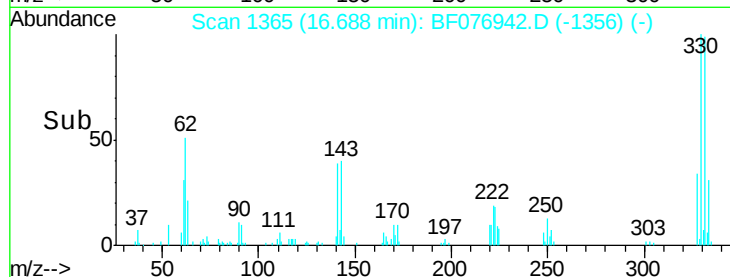
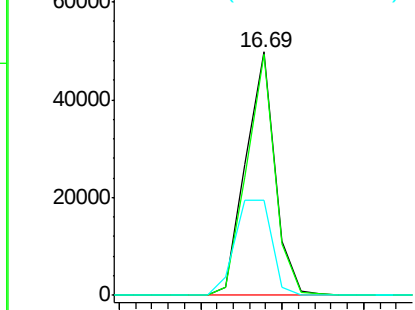
#41
 2,4,6-Tribromophenol
 Concen: 87.23 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61997
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 49.2 38.5 57.7

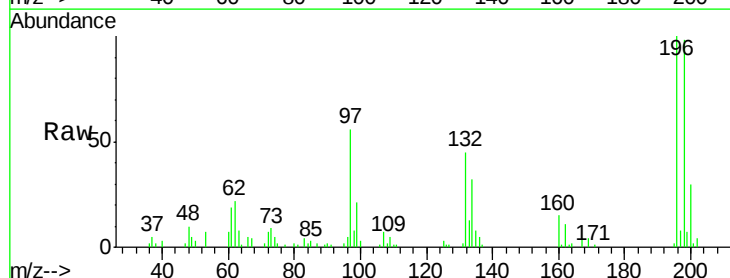


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

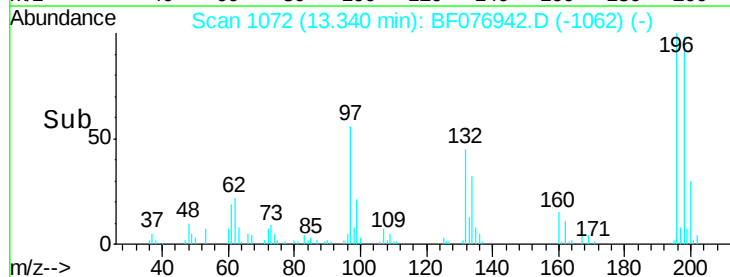
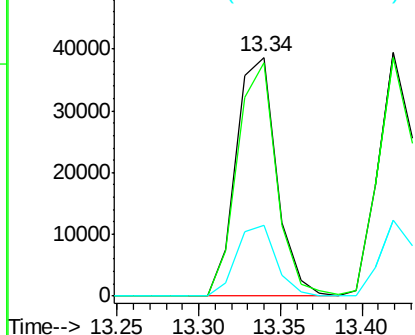


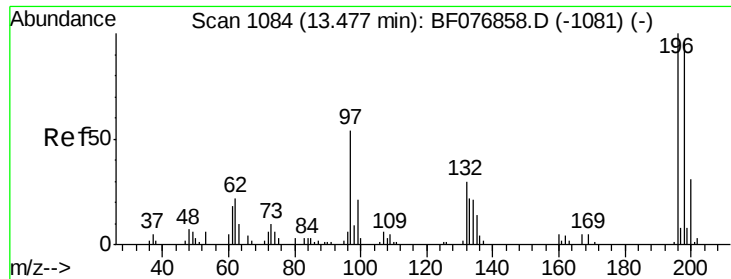
#42
 2,4,6-Trichlorophenol
 Concen: 42.03 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:196 Resp: 66289
 Ion Ratio Lower Upper
 196 100
 198 98.0 72.0 108.0
 200 29.7 23.4 35.2



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

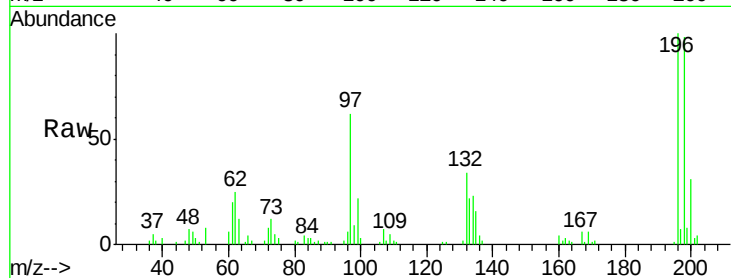




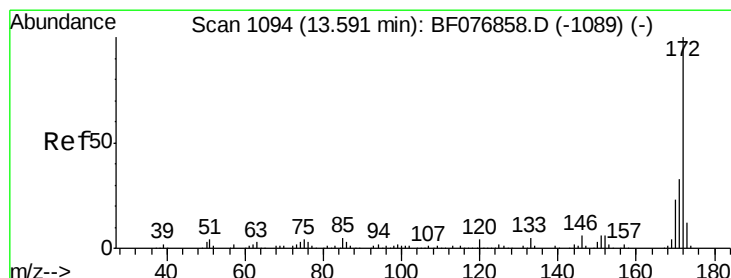
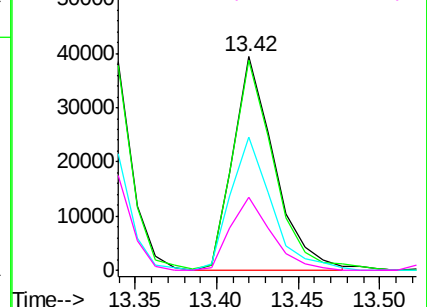
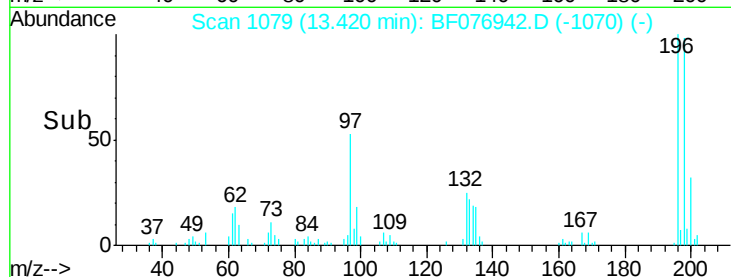
#43
 2,4,5-Trichlorophenol
 Concen: 43.11 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 69346
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.6 115.0
 97 62.4 43.4 65.0
 132 34.2 23.7 35.5

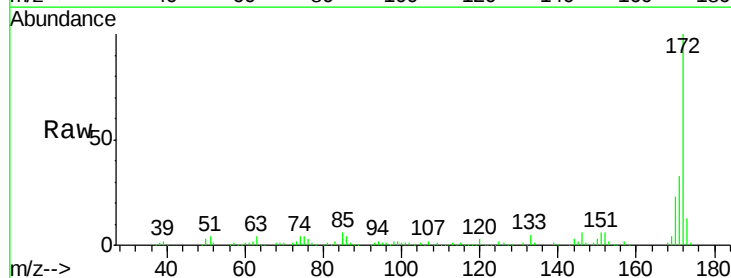


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

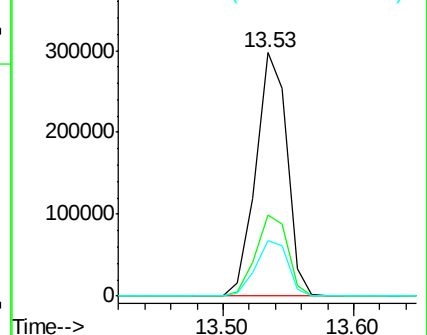
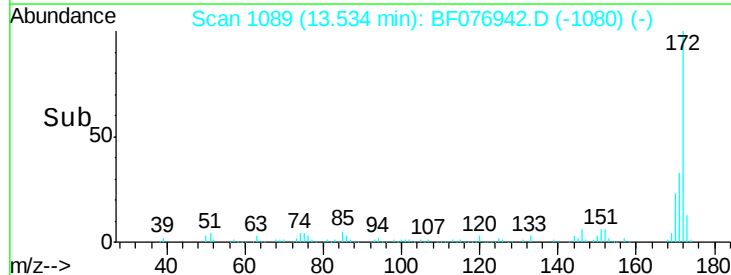


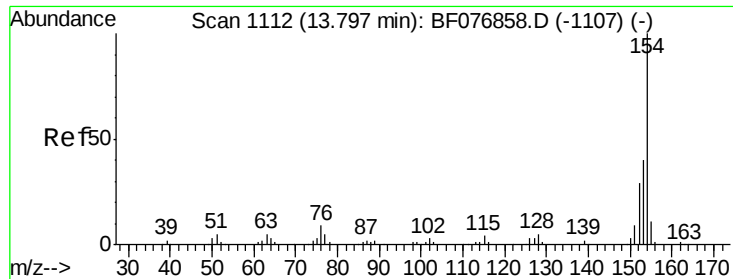
#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:172 Resp: 496158
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.6 40.0
 170 22.6 18.0 27.0



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

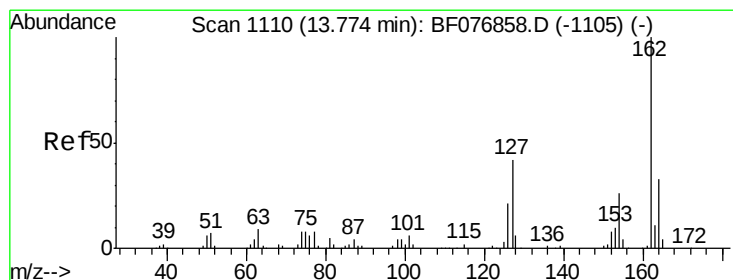
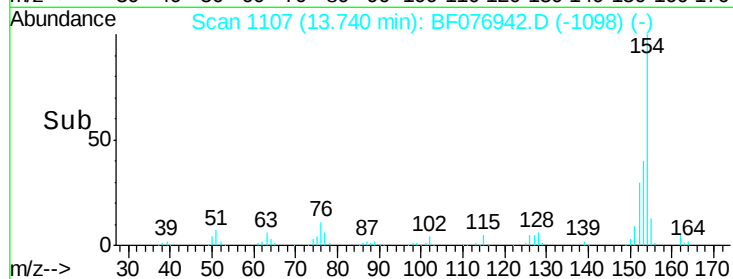
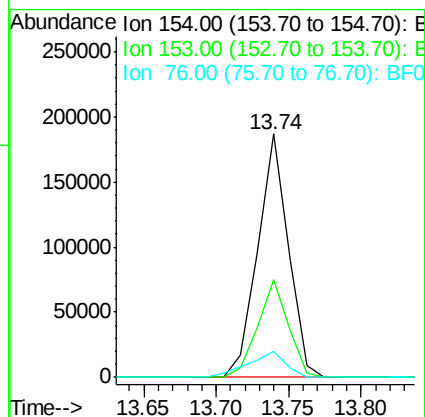
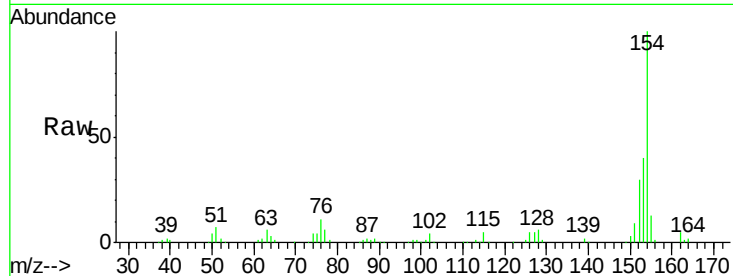




#45
1,1'-Biphenyl
Concen: 42.19 ng
RT: 13.74 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

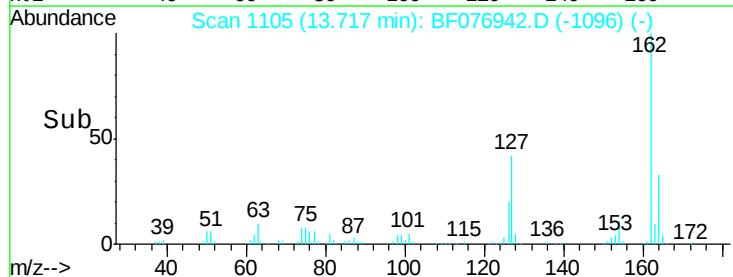
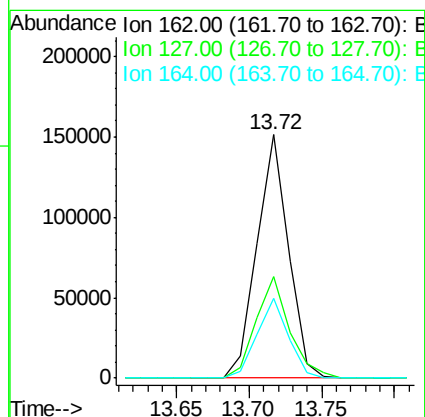
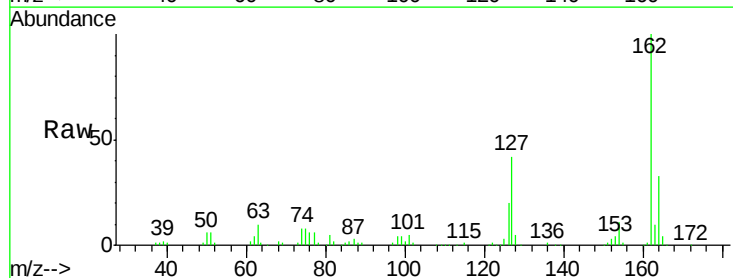
Instrument :
BNA_F
ClientSampleId :

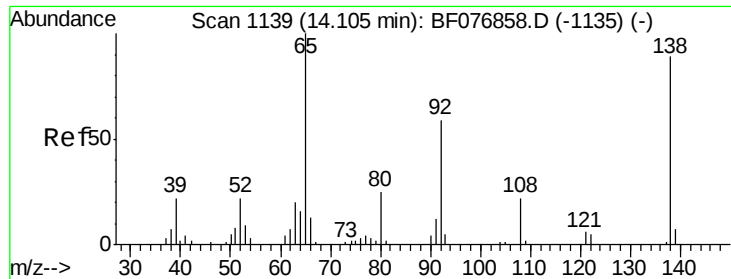
Tot Ion:154 Resp: 273865
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 10.6 0.0 29.0



#46
2-Chloronaphthalene
Concen: 42.71 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:162 Resp: 228125
Ion Ratio Lower Upper
162 100
127 41.5 33.8 50.6
164 32.8 26.8 40.2

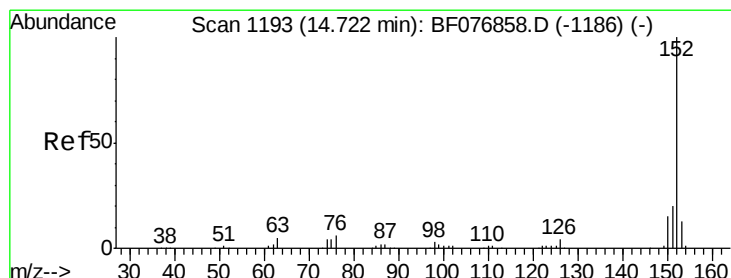
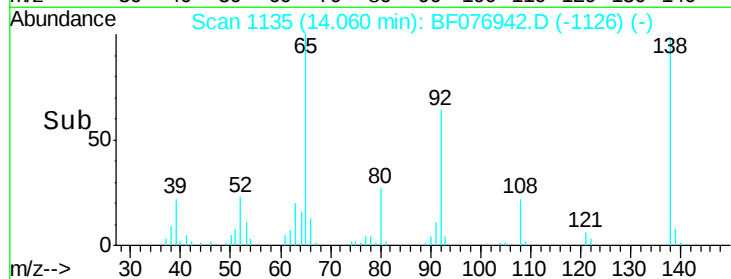
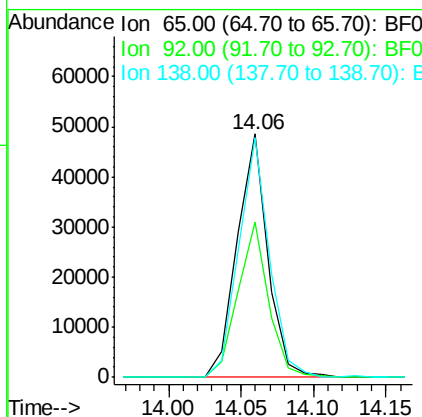
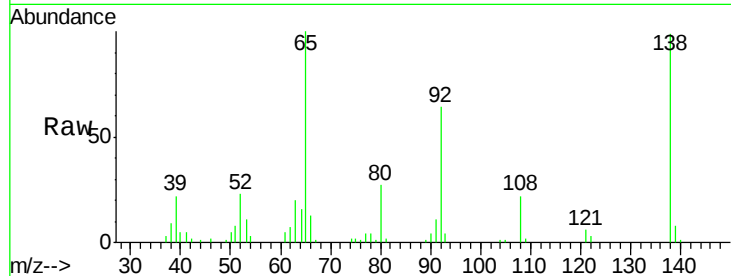




#47
2-Nitroaniline
Concen: 44.04 ng
RT: 14.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

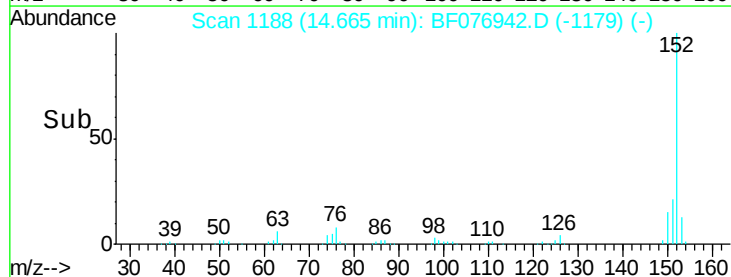
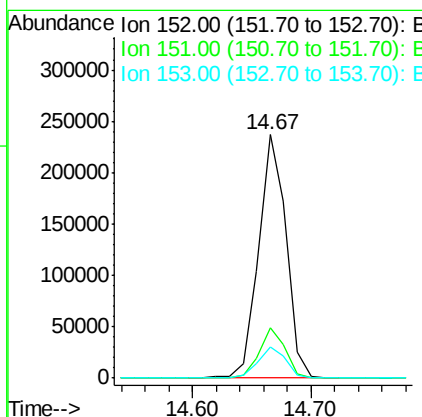
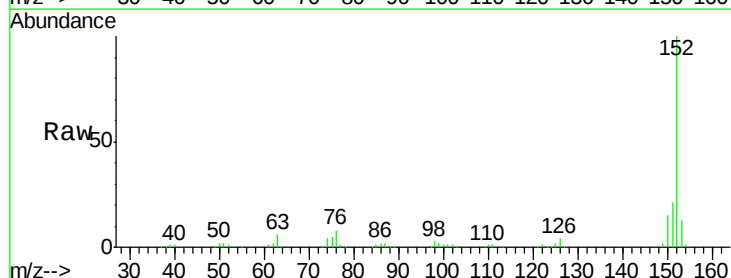
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 71365
Ion Ratio Lower Upper
65 100
92 63.8 47.3 70.9
138 98.5 71.4 107.2



#48
Acenaphthylene
Concen: 42.49 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion: 152 Resp: 382868
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 12.8 10.2 15.4

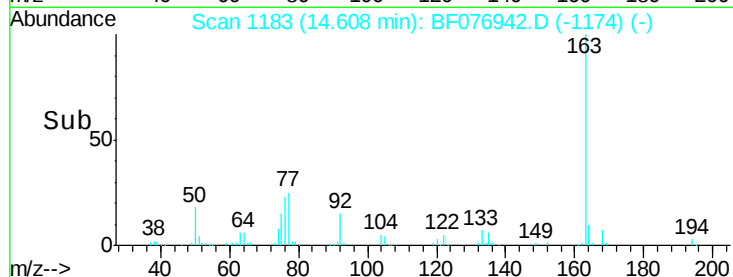
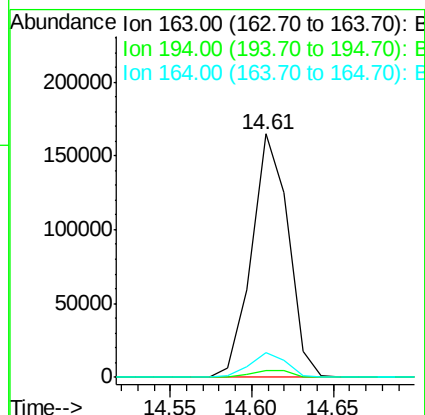
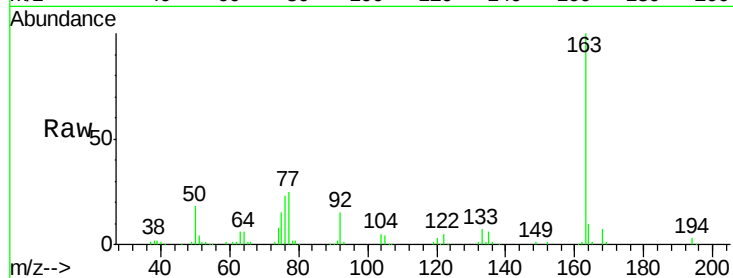




#49
Dimethylphthalate
Concen: 41.35 ng
RT: 14.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

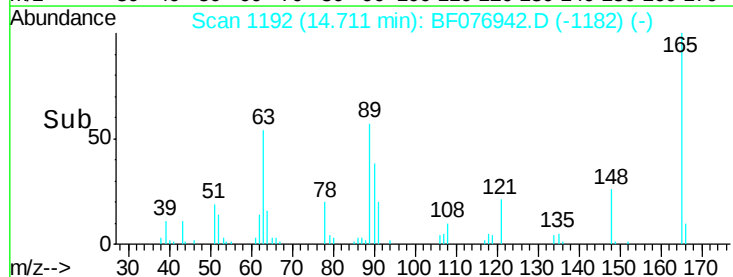
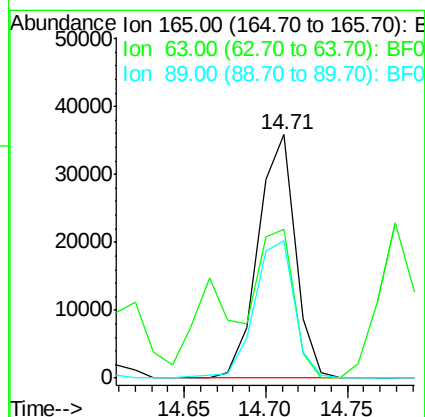
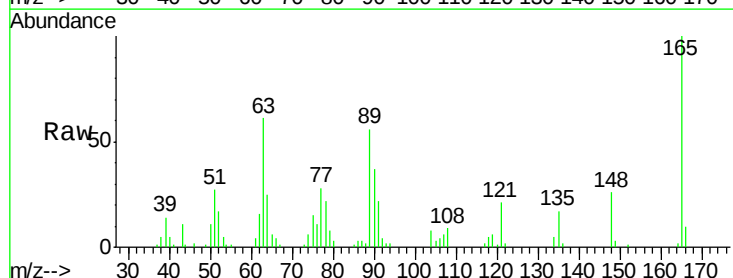
Instrument :
BNA_F
ClientSampleId :

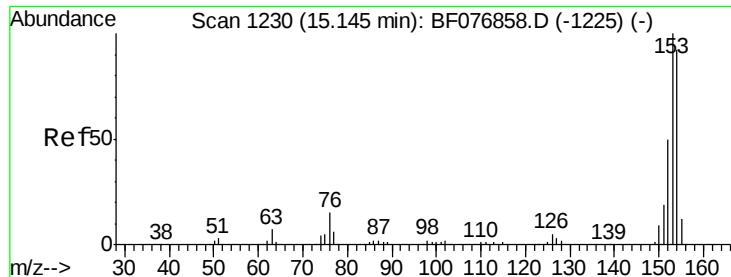
Tot Ion:163 Resp: 256776
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.2 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 45.89 ng
RT: 14.71 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:165 Resp: 56927
Ion Ratio Lower Upper
165 100
63 61.0 48.1 72.1
89 56.4 47.2 70.8





#51

Acenaphthene

Concen: 42.65 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

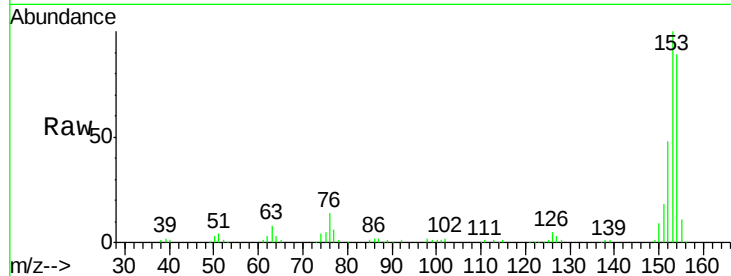
Tot Ion:154 Resp: 217999

Ion Ratio Lower Upper

154 100

153 112.1 87.0 130.6

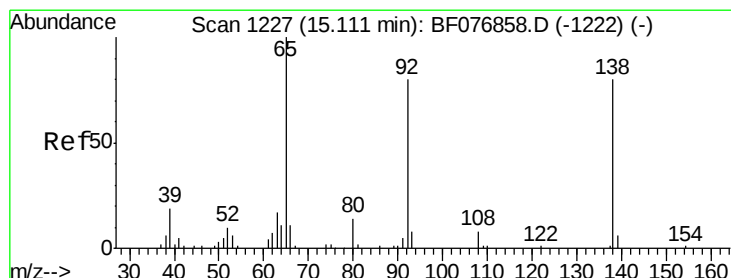
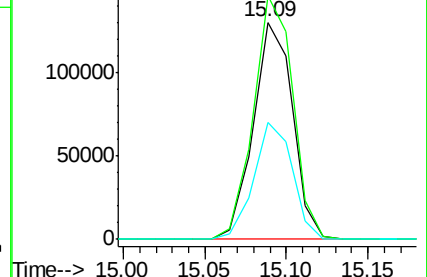
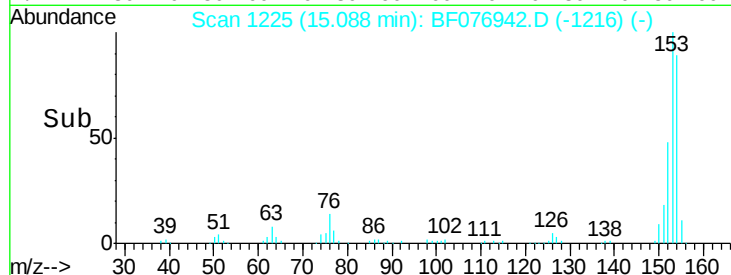
152 53.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.32 ng

RT: 15.05 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

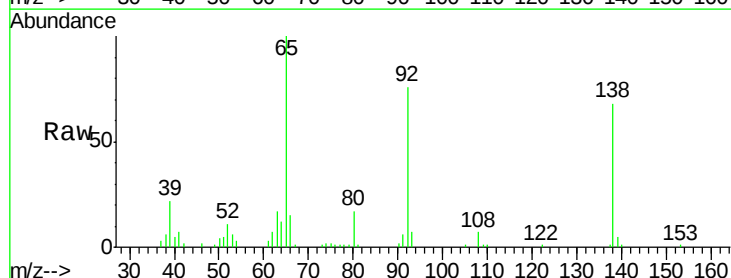
Tgt Ion:138 Resp: 64832

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

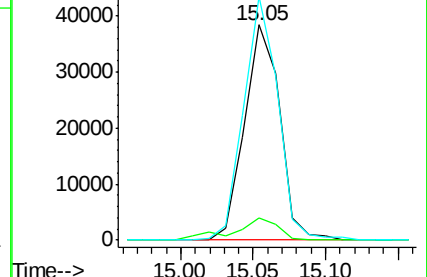
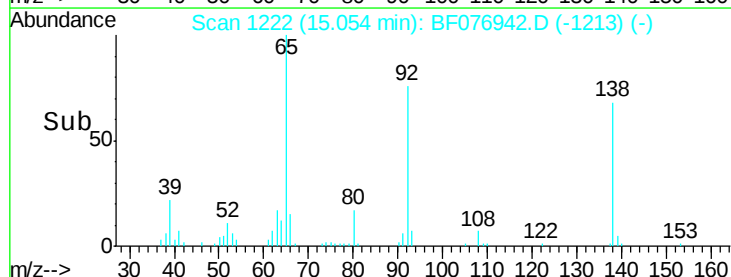
92 113.3 80.9 121.3

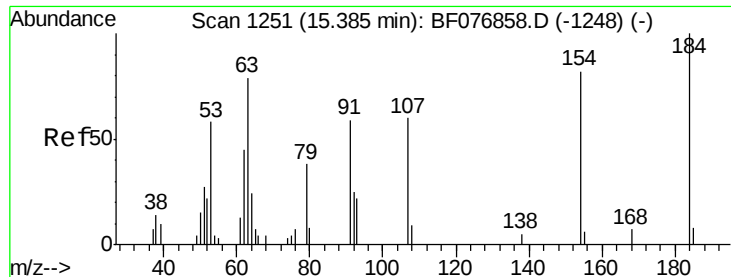


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

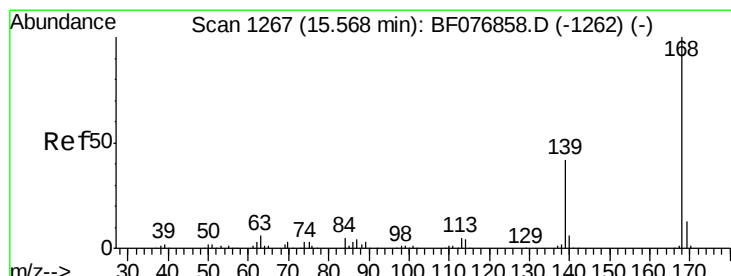
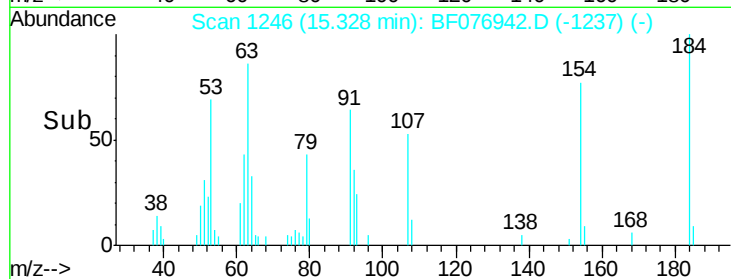
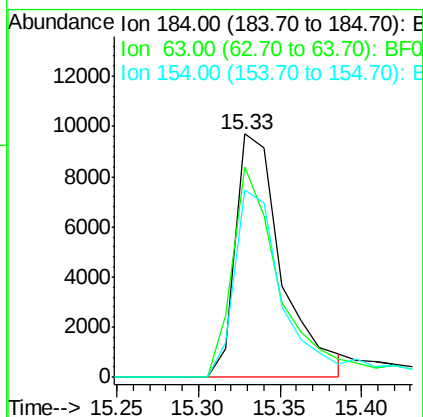
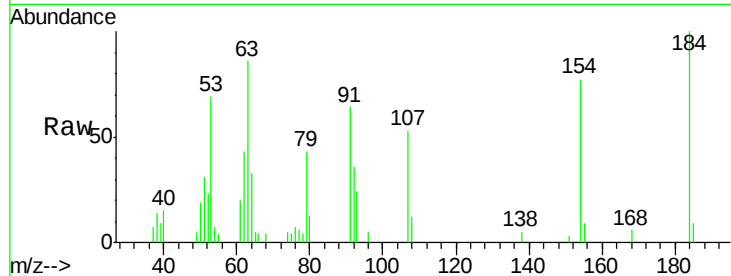




#53
2,4-Dinitrophenol
Concen: 39.92 ng
RT: 15.33 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

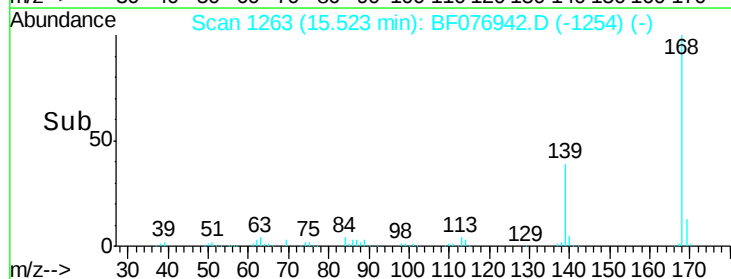
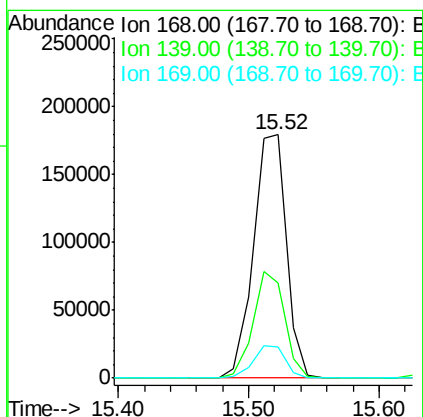
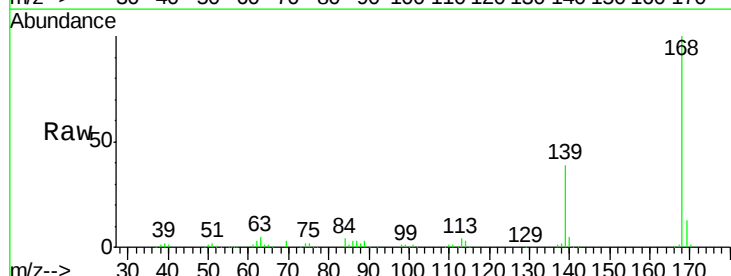
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 19220
Ion Ratio Lower Upper
184 100
63 86.2 63.0 94.6
154 77.1 65.5 98.3



#54
Dibenzofuran
Concen: 42.55 ng
RT: 15.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:168 Resp: 316842
Ion Ratio Lower Upper
168 100
139 39.1 33.4 50.2
169 12.8 10.6 15.8

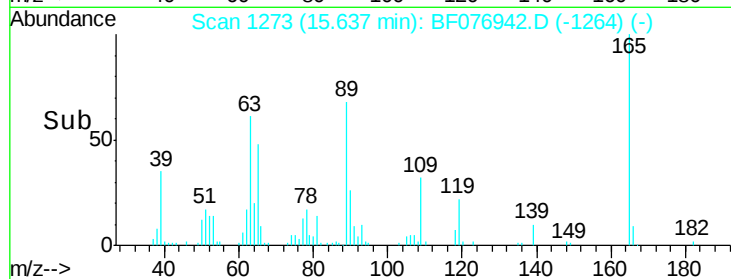
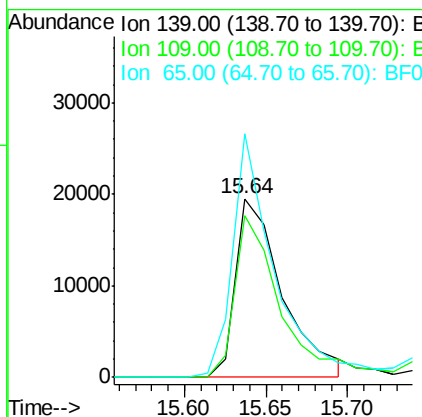
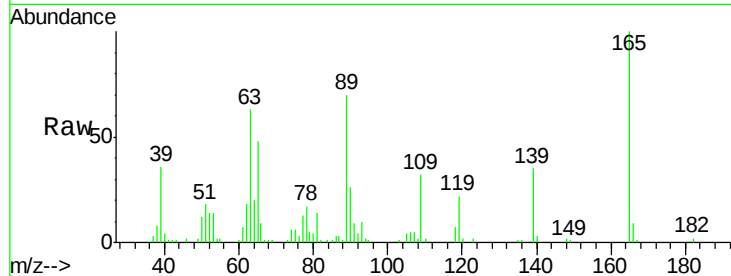




#55
4-Nitrophenol
Concen: 39.94 ng
RT: 15.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

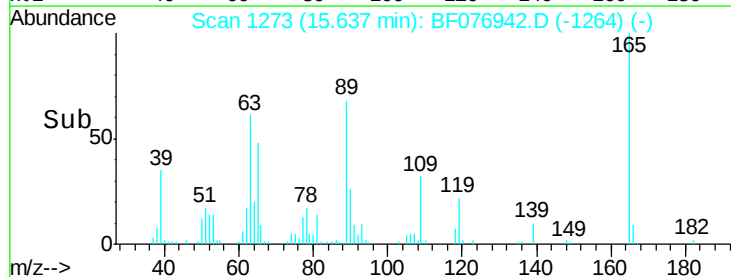
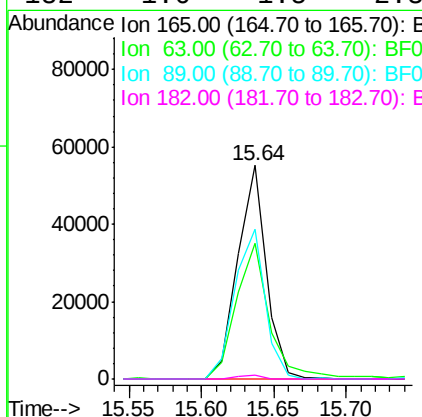
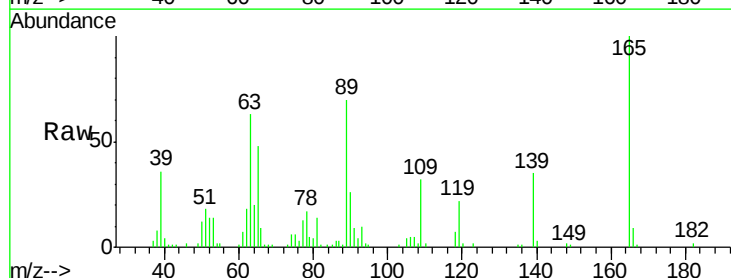
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 38879
Ion Ratio Lower Upper
139 100
109 90.6 61.0 101.0
65 136.5 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 41.13 ng
RT: 15.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:165 Resp: 75911
Ion Ratio Lower Upper
165 100
63 63.4 44.8 67.2
89 69.8 56.2 84.2
182 1.6 1.5 2.3

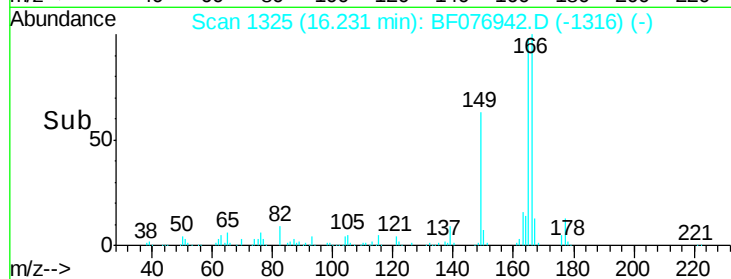
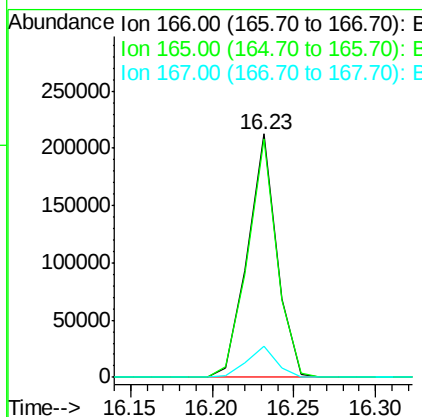
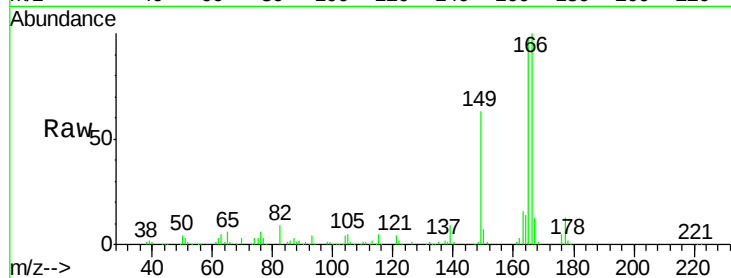




#57
 Fluorene
 Concen: 42.00 ng
 RT: 16.23 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

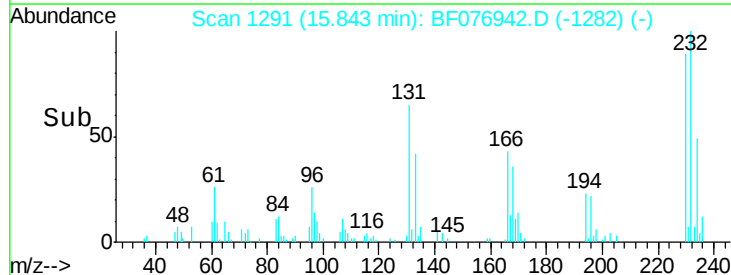
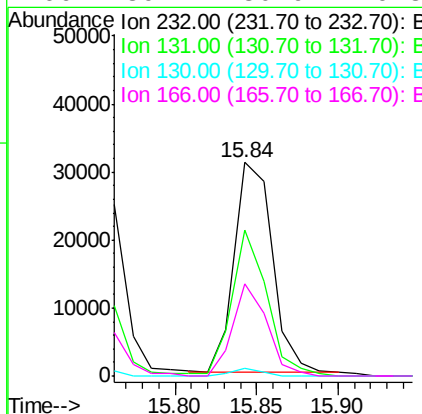
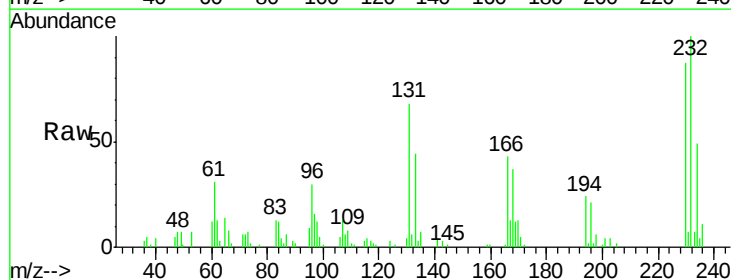
Instrument :
 BNA_F
 ClientSampleId :

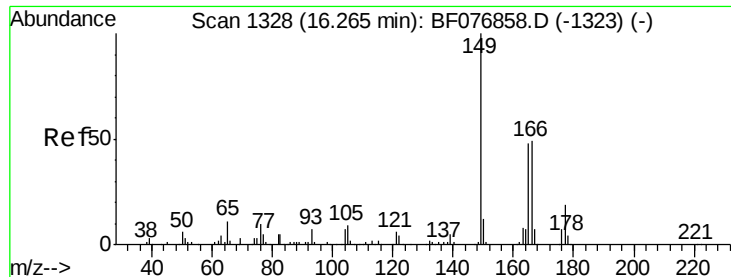
Tot Ion:166 Resp: 264990
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.86 ng
 RT: 15.84 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:232 Resp: 50202
 Ion Ratio Lower Upper
 232 100
 131 64.1 45.0 67.6
 130 2.9 2.6 3.8
 166 39.2 30.9 46.3

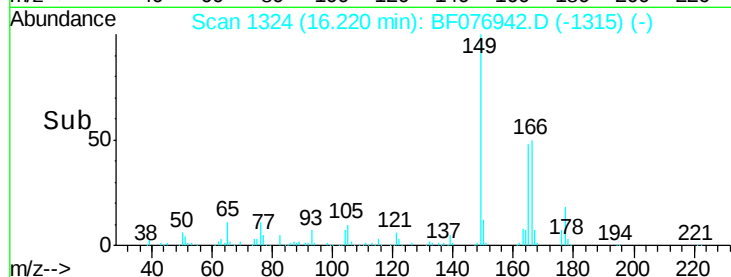
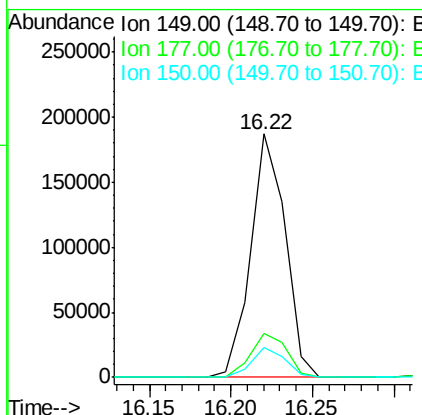
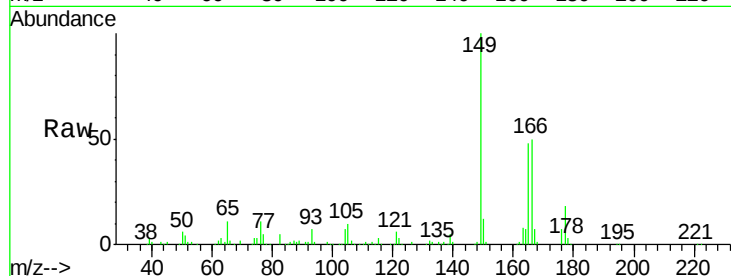




#59
Diethylphthalate
Concen: 43.74 ng
RT: 16.22 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

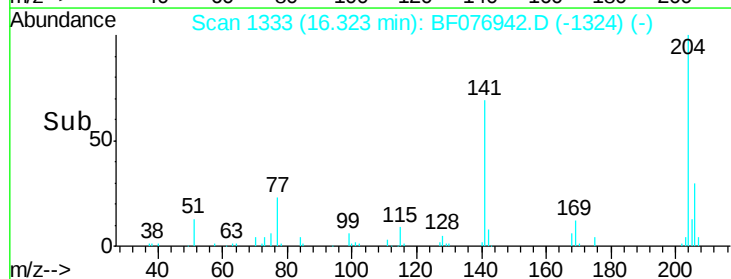
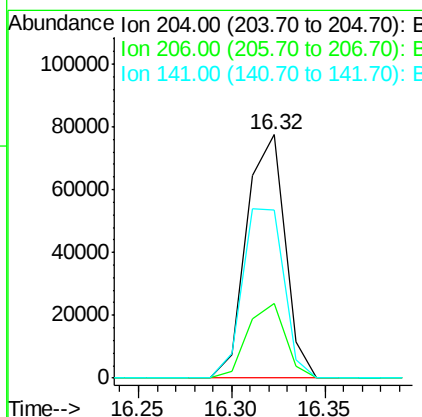
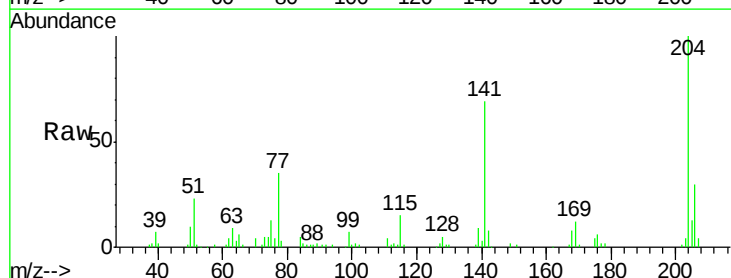
Instrument :
BNA_F
ClientSampled :

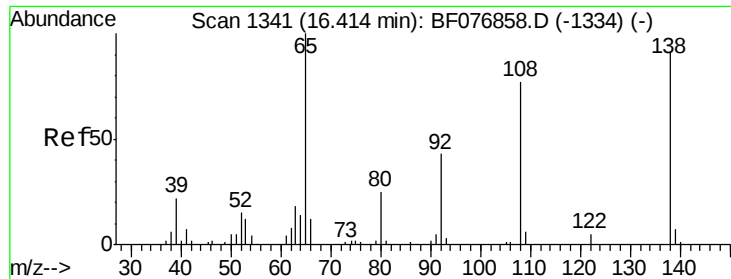
Tot Ion:149 Resp: 274521
Ion Ratio Lower Upper
149 100
177 18.2 15.0 22.6
150 12.0 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 42.81 ng
RT: 16.32 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:204 Resp: 110511
Ion Ratio Lower Upper
204 100
206 30.4 24.2 36.2
141 69.2 66.7 100.1

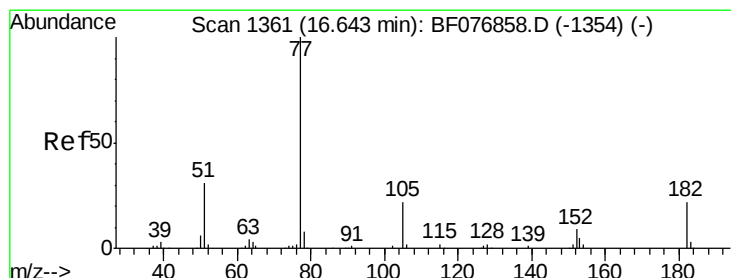
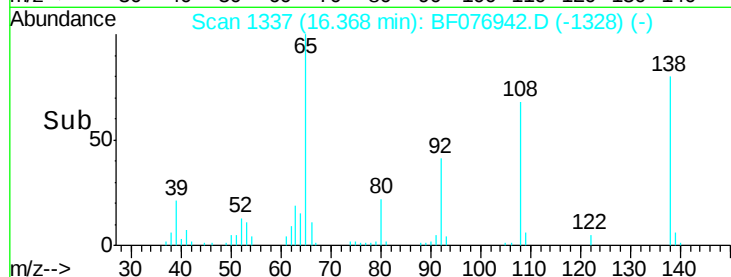
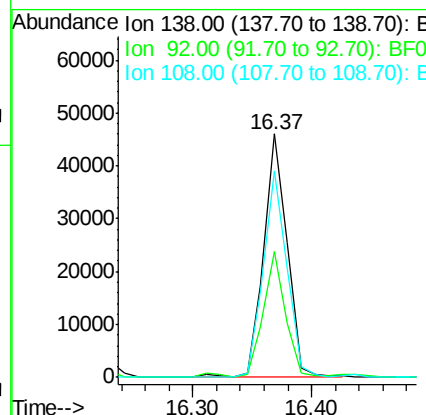
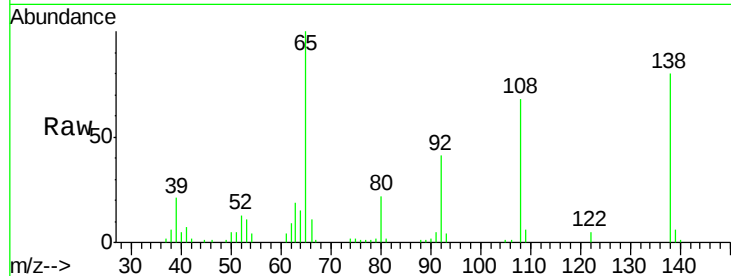




#61
4-Nitroaniline
Concen: 41.20 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

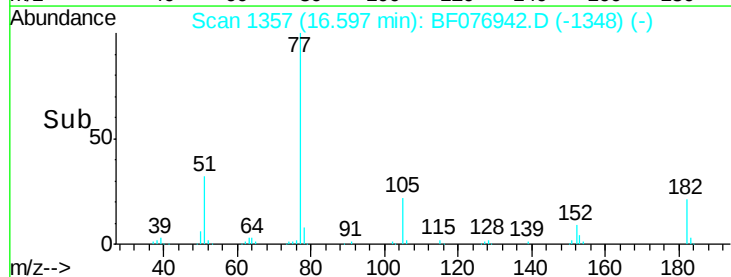
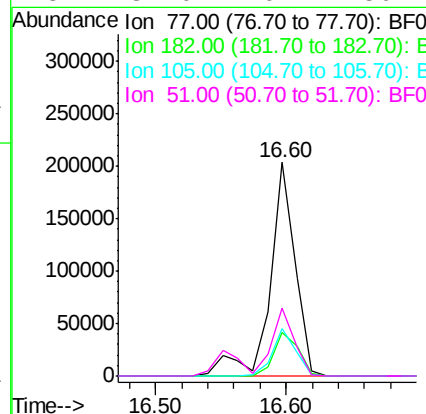
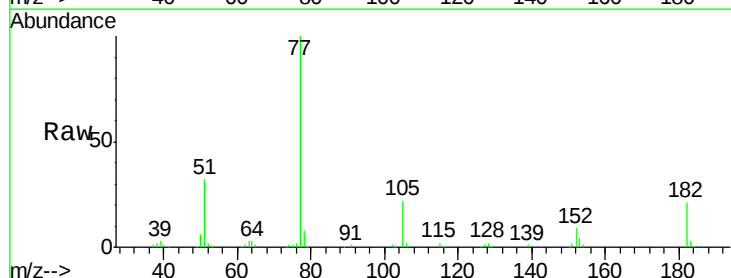
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 64105
Ion Ratio Lower Upper
138 100
92 51.6 26.7 66.7
108 84.9 64.5 104.5



#62
Azobenzene
Concen: 42.39 ng
RT: 16.60 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion: 77 Resp: 277176
Ion Ratio Lower Upper
77 100
182 20.6 2.0 42.0
105 21.9 2.3 42.3
51 32.0 10.7 50.7

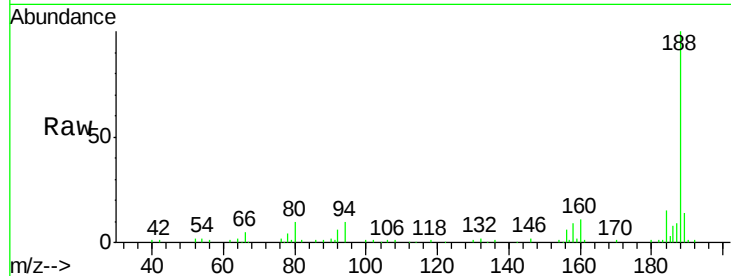




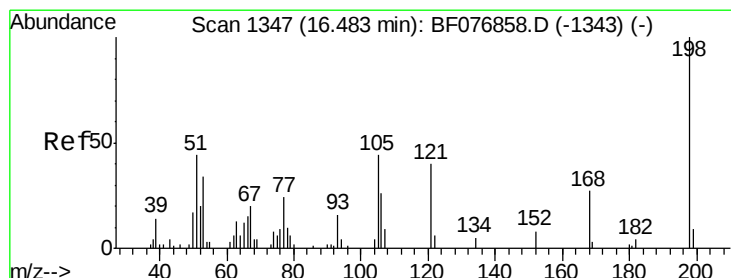
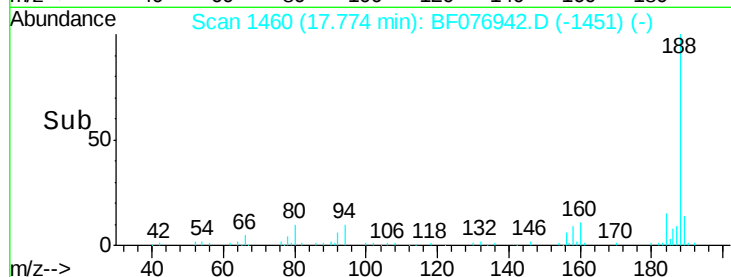
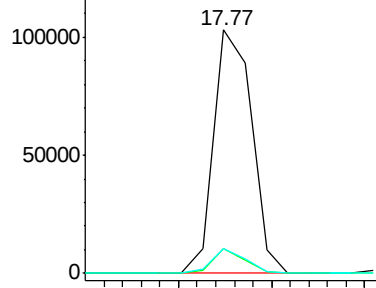
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 145850
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.0 9.0#
 80 10.1 6.9 10.3

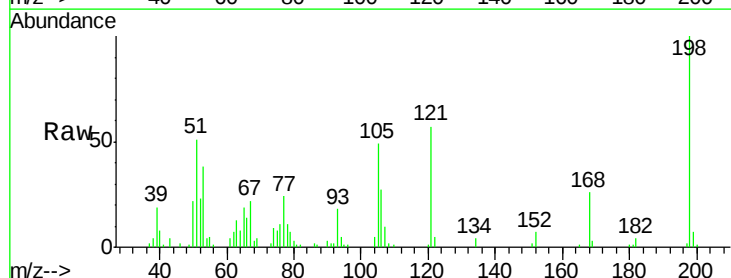


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

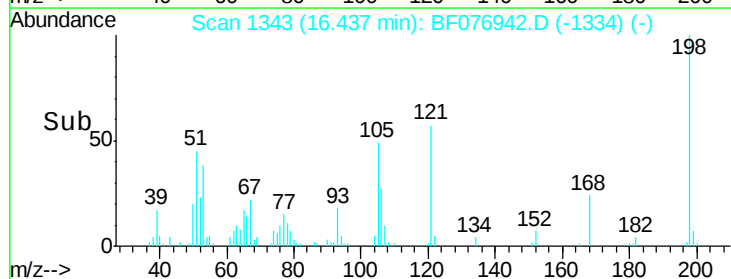
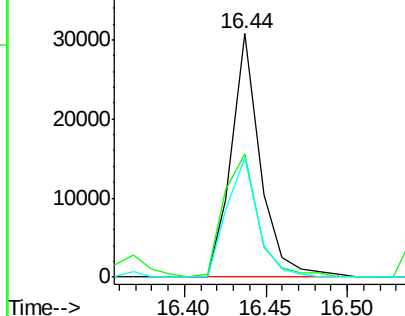


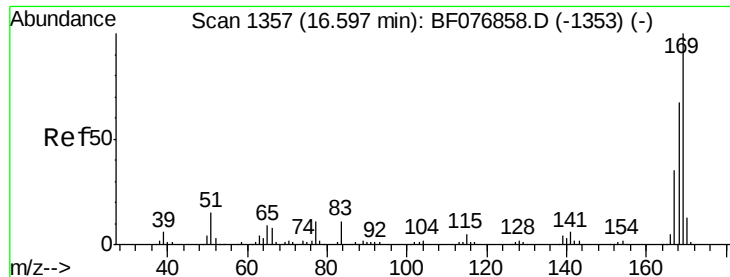
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.04 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:198 Resp: 37986
 Ion Ratio Lower Upper
 198 100
 51 50.7 24.2 64.2
 105 49.2 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: 42.42 ng

RT: 16.56 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

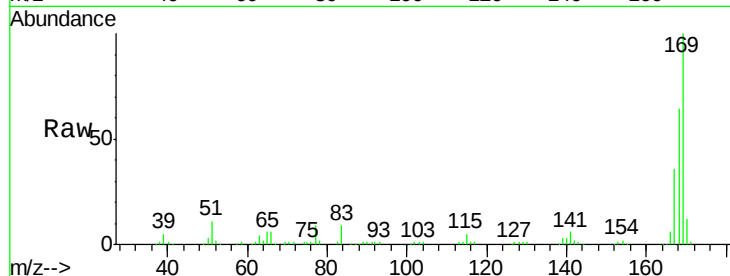
Tot Ion:169 Resp: 220602

Ion Ratio Lower Upper

169 100

168 64.4 53.8 80.6

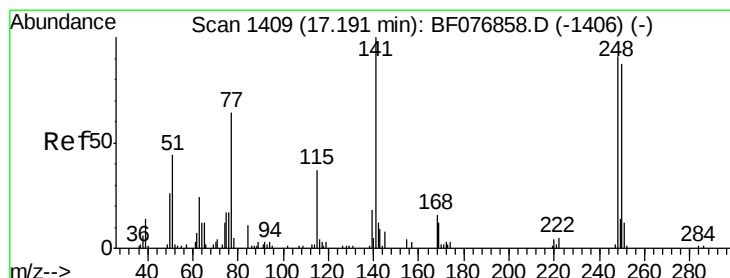
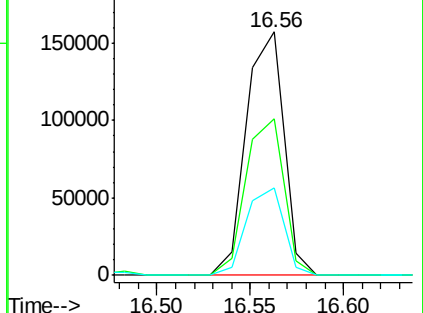
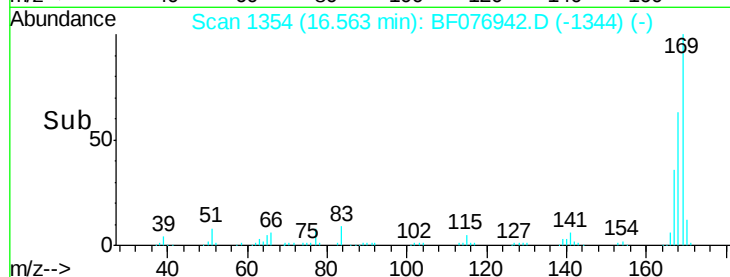
167 35.8 27.8 41.6



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: 43.61 ng

RT: 17.16 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

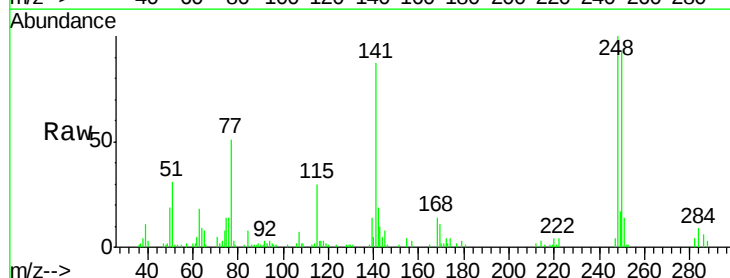
Tgt Ion:248 Resp: 64436

Ion Ratio Lower Upper

248 100

250 93.1 77.1 115.7

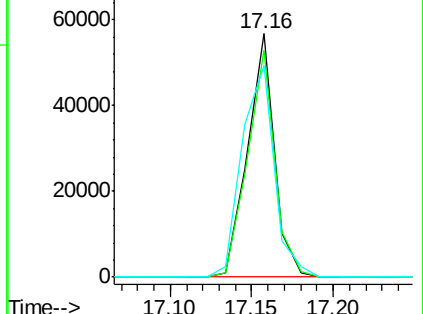
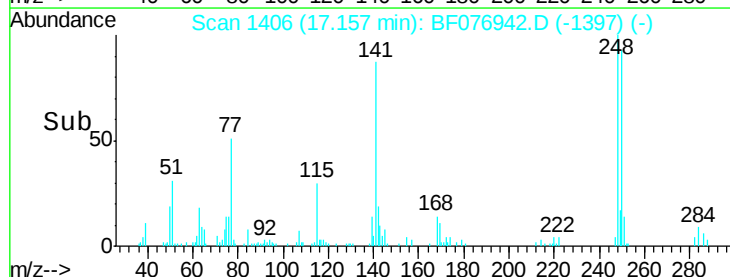
141 87.0 88.2 132.4#



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

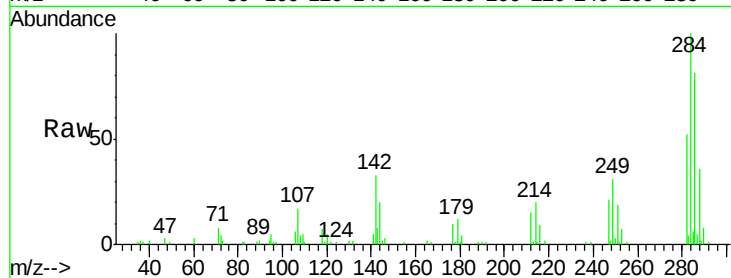




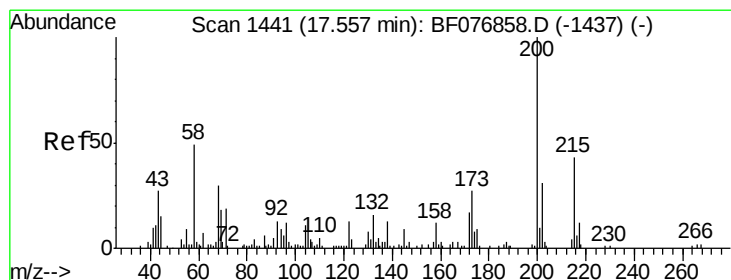
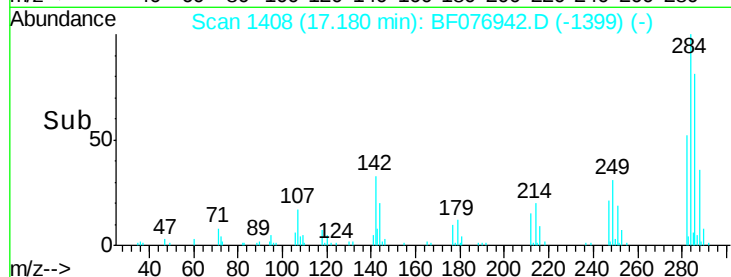
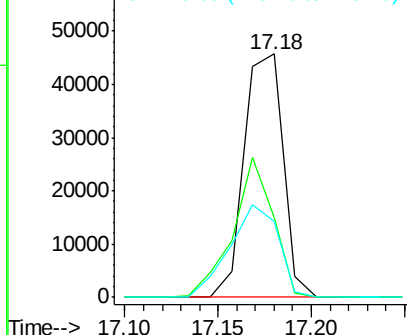
#67
Hexachlorobenzene
Concen: 43.10 ng
RT: 17.18 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 67121
Ion Ratio Lower Upper
284 100
142 32.9 38.2 57.4#
249 31.4 28.2 42.2

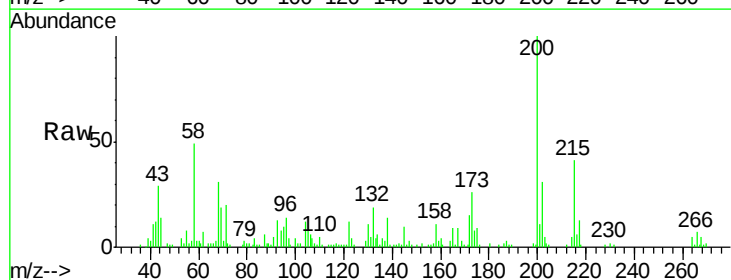


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

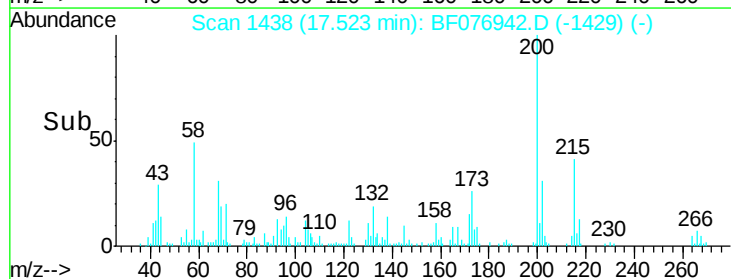
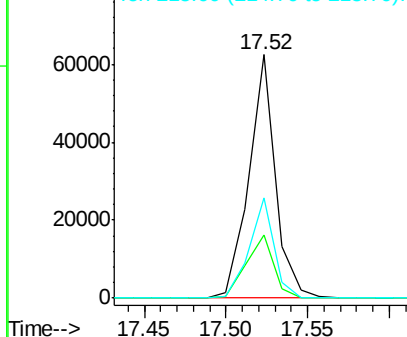


#68
Atrazine
Concen: 44.32 ng
RT: 17.52 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:200 Resp: 69949
Ion Ratio Lower Upper
200 100
173 25.9 6.6 46.6
215 41.3 22.9 62.9



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

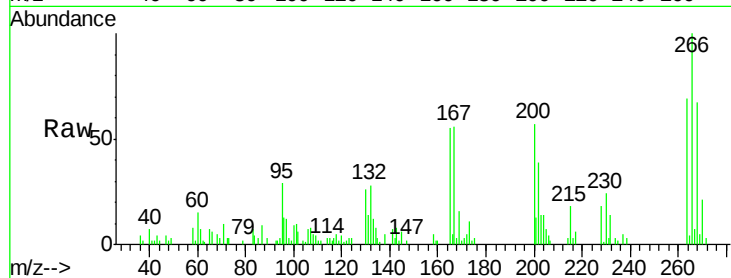




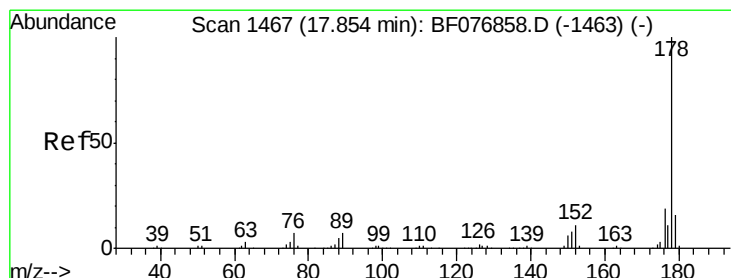
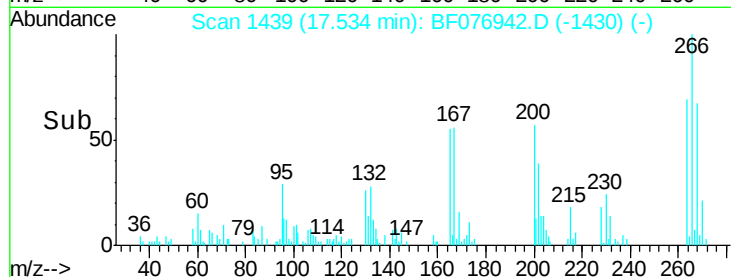
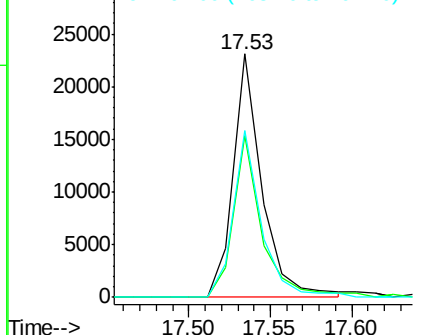
#69
 Pentachlorophenol
 Concen: 42.73 ng
 RT: 17.53 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 28005
 Ion Ratio Lower Upper
 266 100
 268 66.5 48.6 72.8
 264 68.7 49.5 74.3

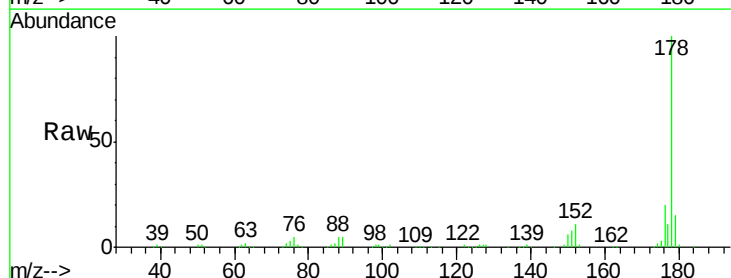


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

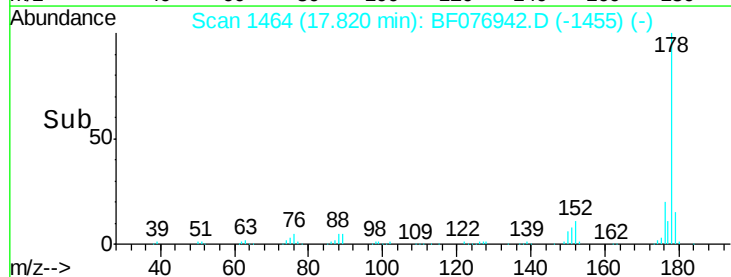
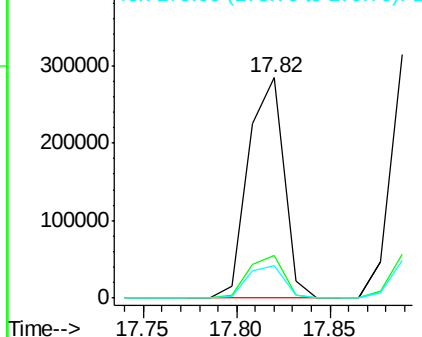


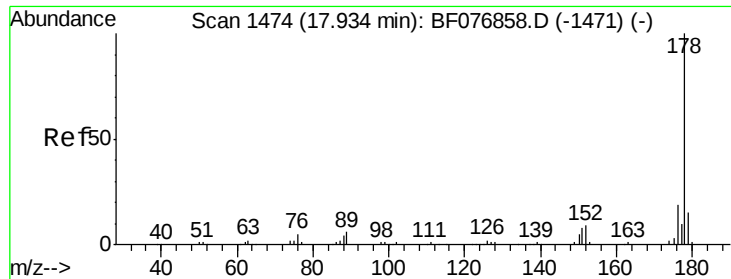
#70
 Phenanthrene
 Concen: 41.38 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:178 Resp: 376330
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.1 22.7
 179 14.6 12.7 19.1



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

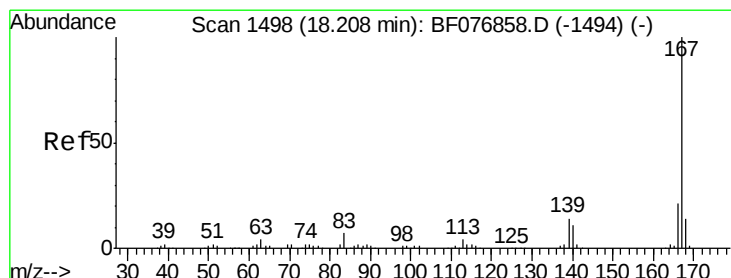
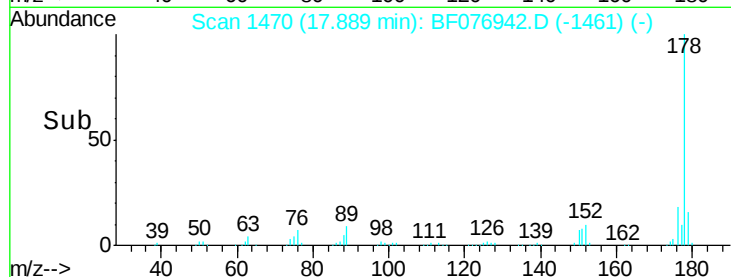
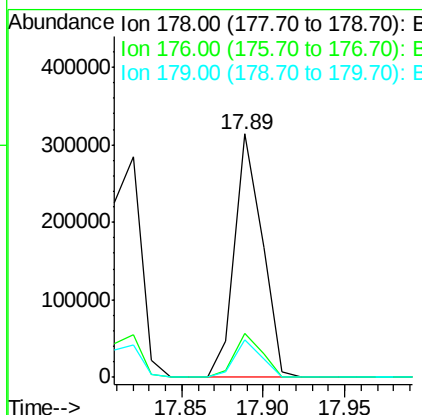
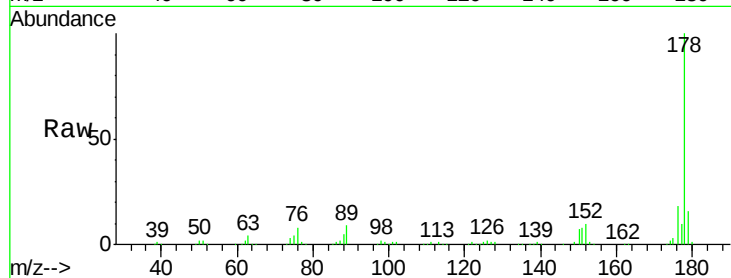




#71
 Anthracene
 Concen: 41.55 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

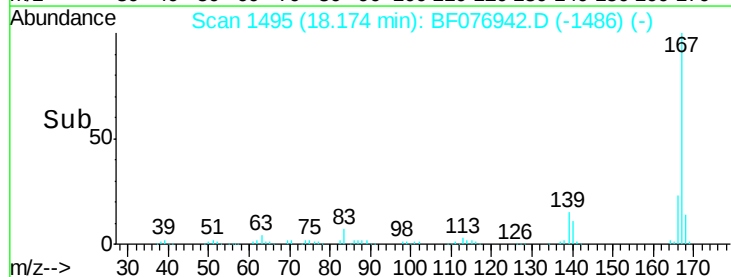
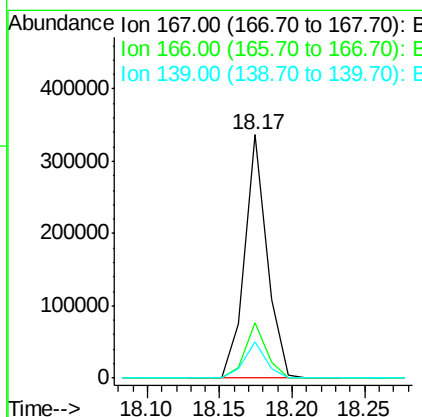
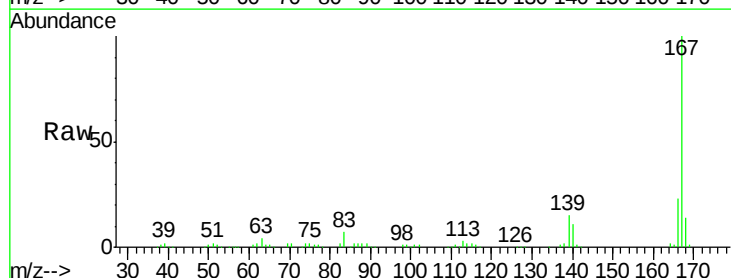
Instrument :
 BNA_F
 ClientSampleId :

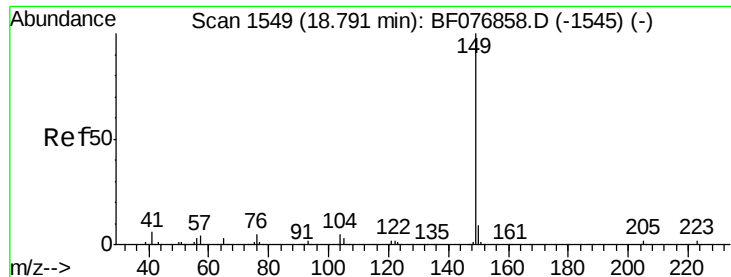
Tot Ion:178 Resp: 368530
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.0
 179 15.7 11.9 17.9



#72
 Carbazole
 Concen: 42.02 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:167 Resp: 361462
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.0 25.6
 139 15.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 42.63 ng

RT: 18.76 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

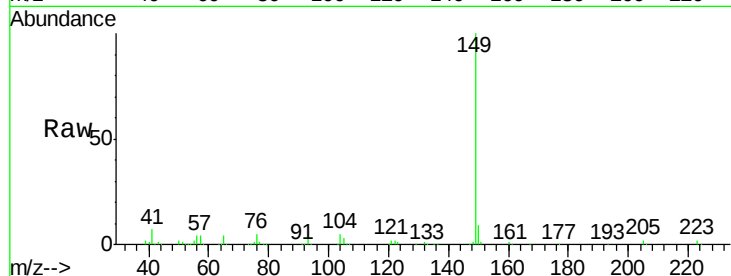
Tot Ion:149 Resp: 424467

Ion Ratio Lower Upper

149 100

150 9.4 6.9 10.3

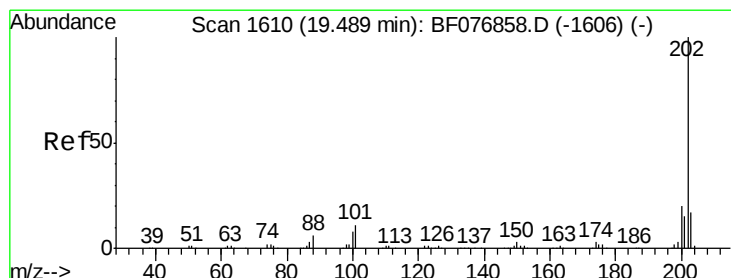
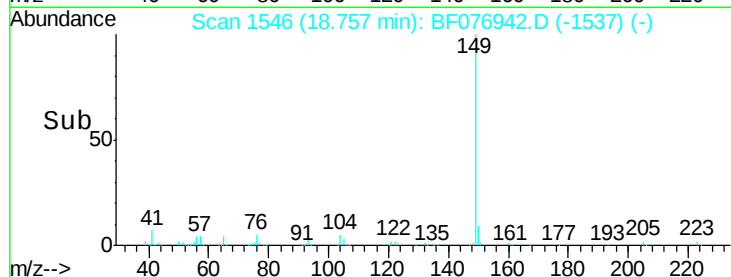
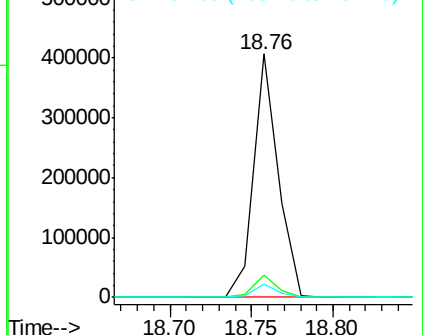
104 5.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.11 ng

RT: 19.45 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

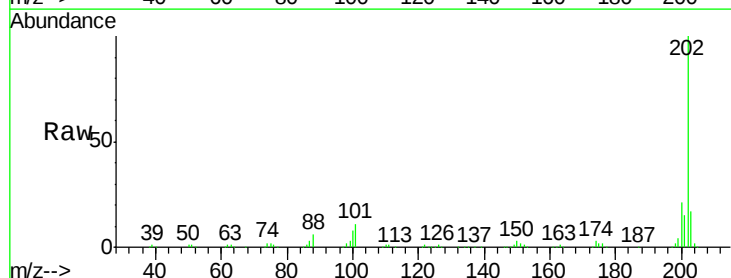
Tgt Ion:202 Resp: 401769

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

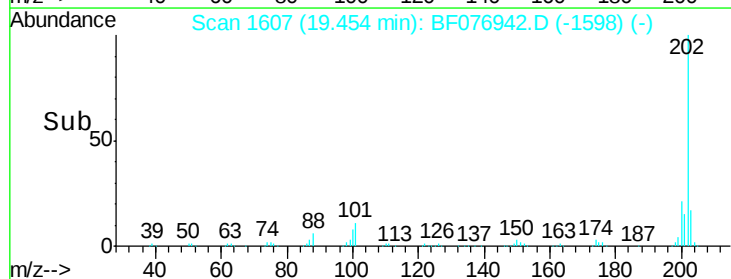
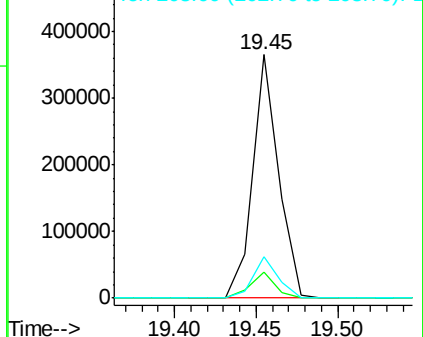
203 17.1 0.0 36.9

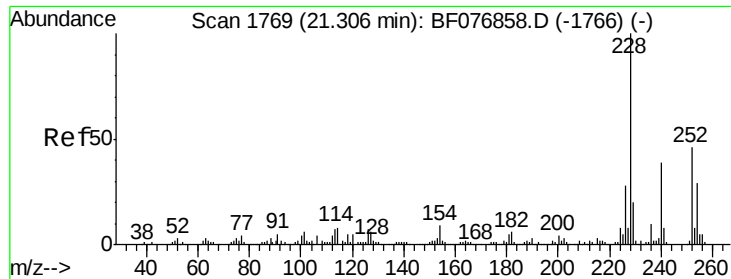


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

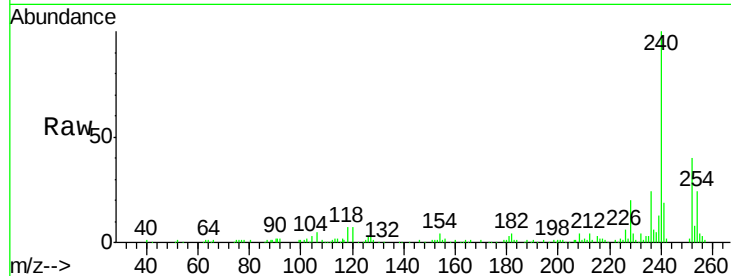
Tot Ion:240 Resp: 144135

Ion Ratio Lower Upper

240 100

120 7.0 10.4 15.6#

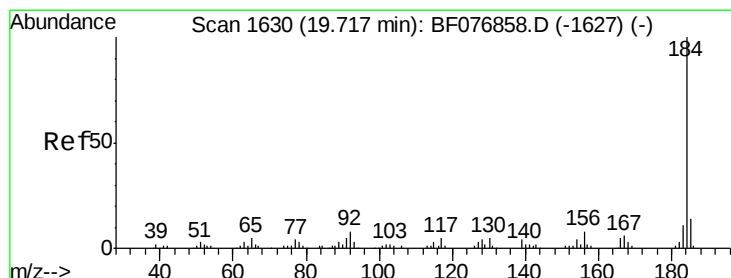
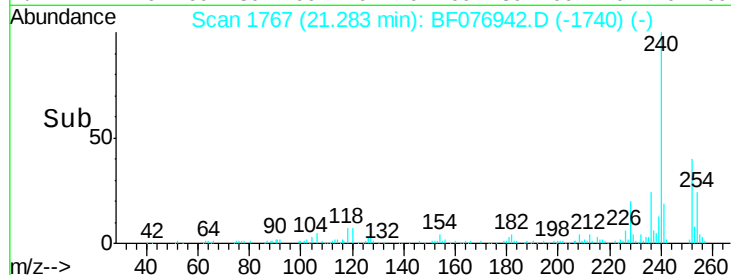
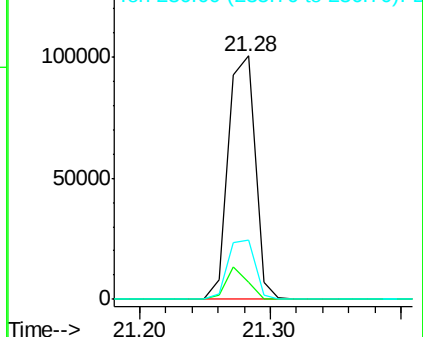
236 24.4 20.2 30.2



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: 38.68 ng

RT: 19.69 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

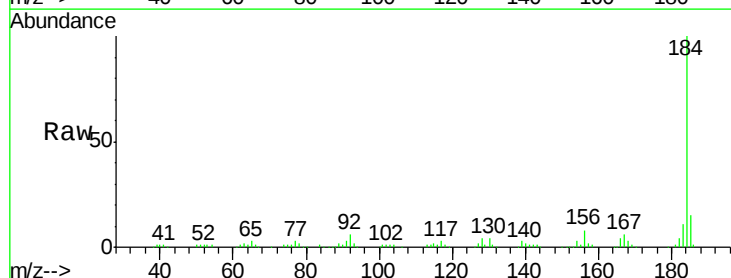
Tgt Ion:184 Resp: 178421

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

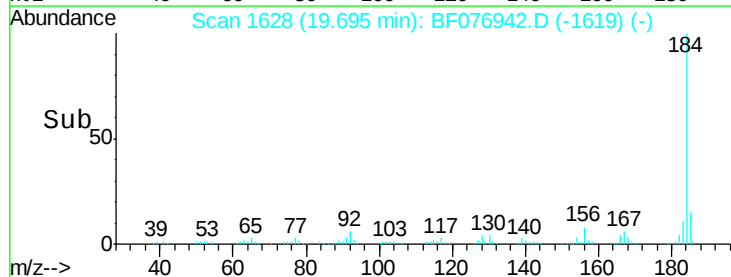
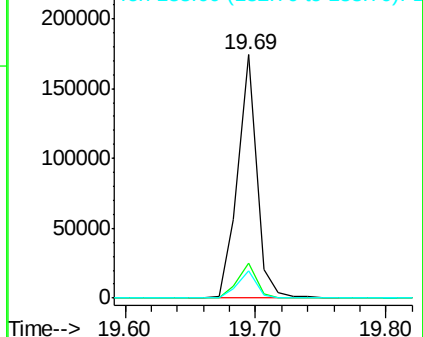
183 11.3 9.0 13.6

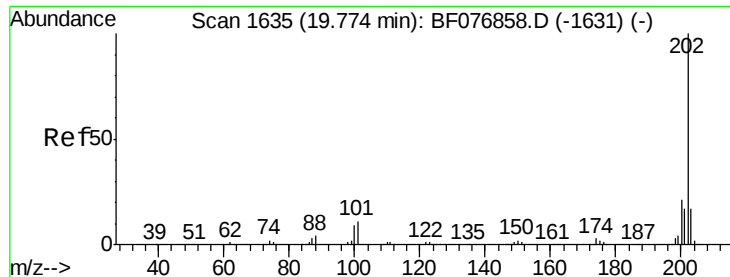


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

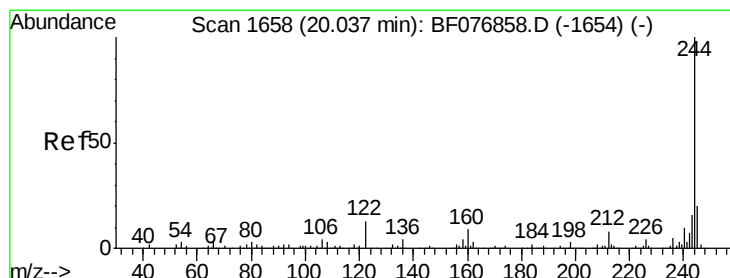
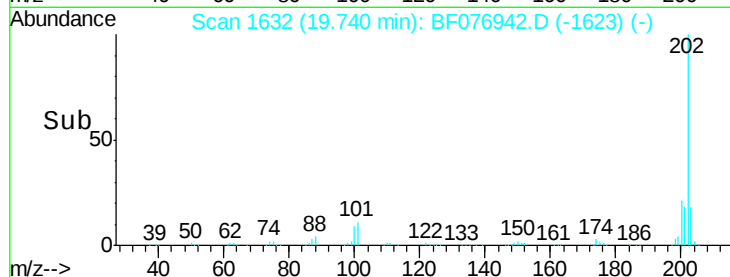
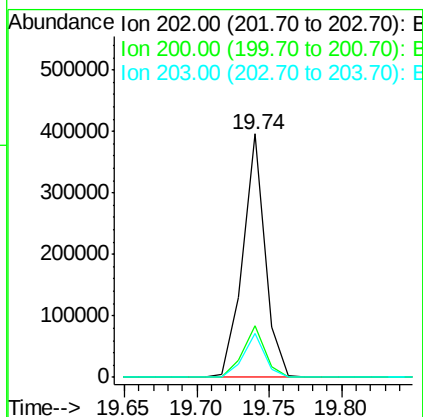
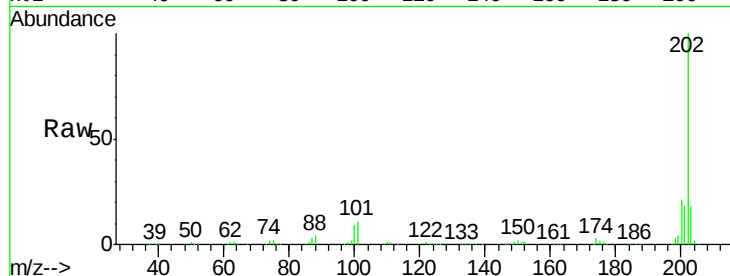




#77
 Pvrene
 Concen: 42.55 ng
 RT: 19.74 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

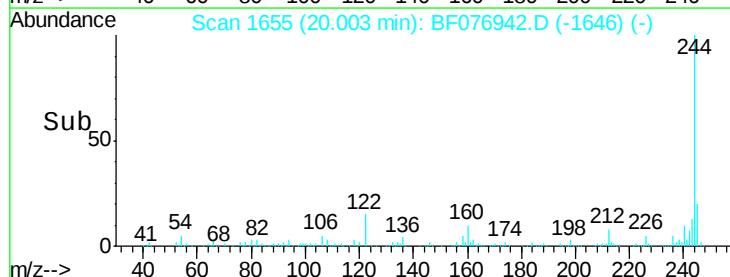
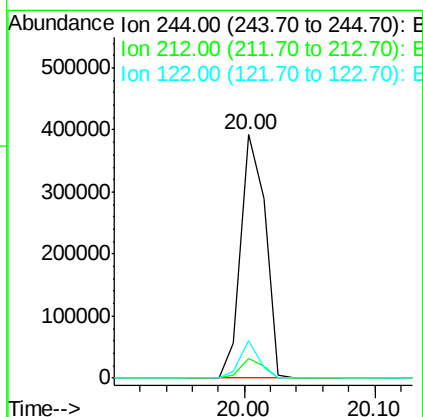
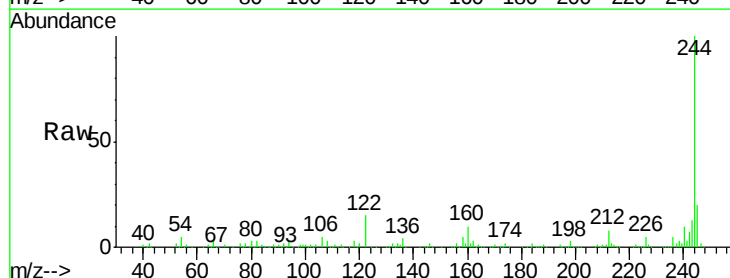
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.9	14.0	21.0



#78
 Terphenyl-d14
 Concen: 81.67 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	15.3	10.1	15.1#

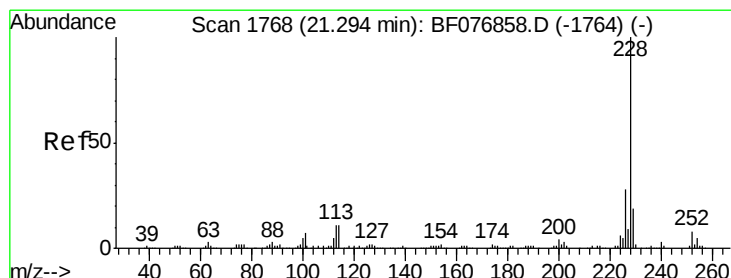
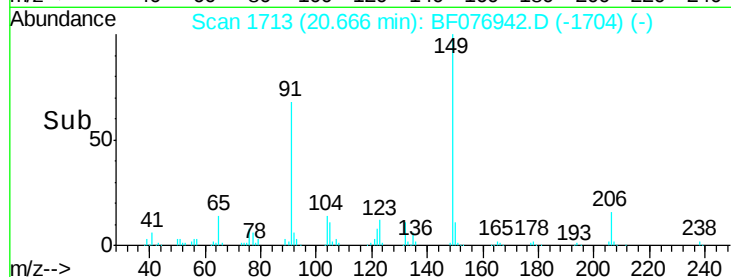
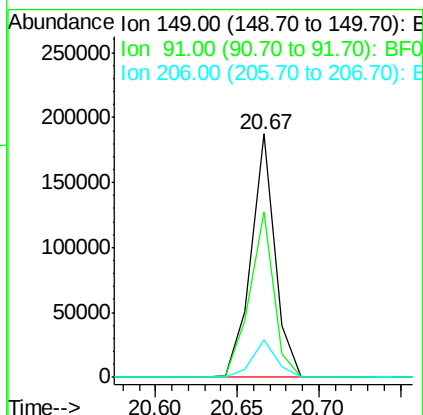
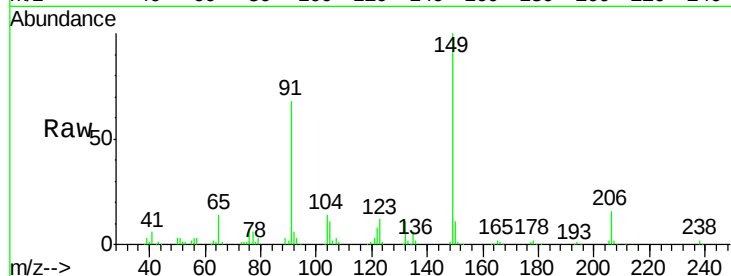




#79
Butylbenzylphthalate
Concen: 42.70 ng
RT: 20.67 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

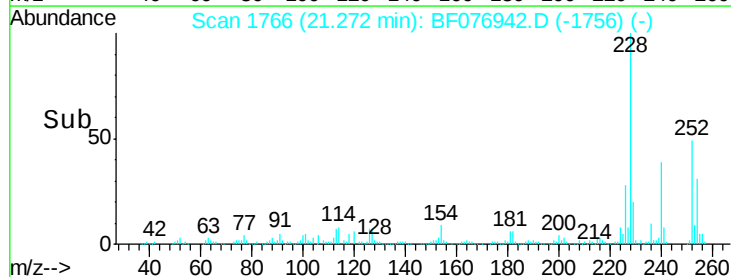
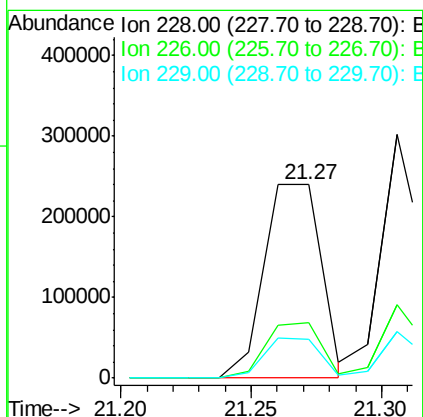
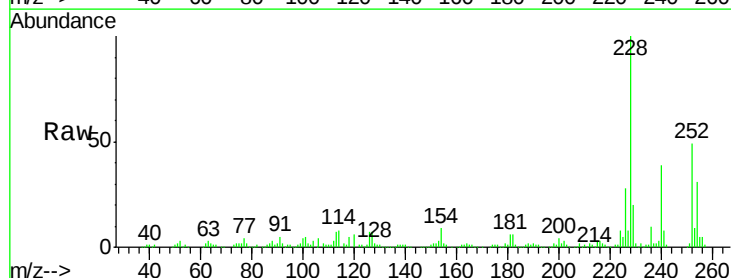
Instrument :
BNA_F
ClientSampleId :

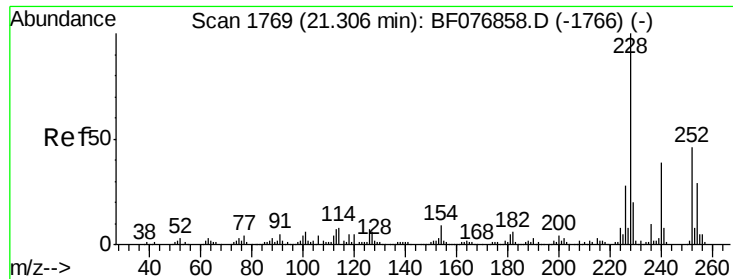
Tot Ion:149 Resp: 191042
Ion Ratio Lower Upper
149 100
91 68.1 50.6 76.0
206 15.5 12.8 19.2



#80
Benzo(a)anthracene
Concen: 40.42 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF076942.D
Acq: 20 Jan 2015 00:00

Tgt Ion:228 Resp: 365540
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 19.9 15.5 23.3

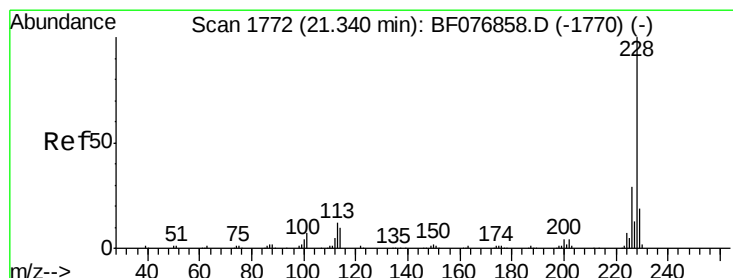
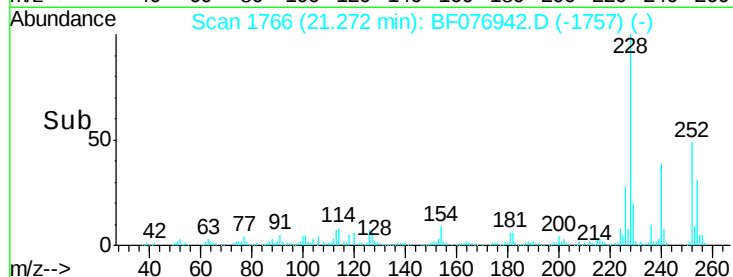
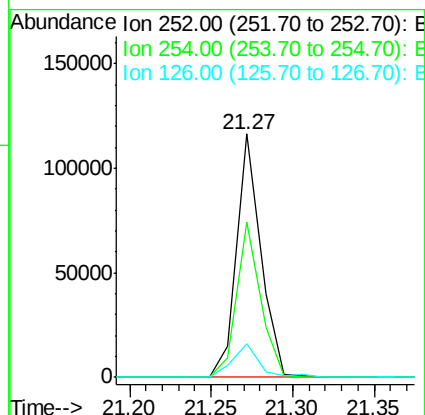
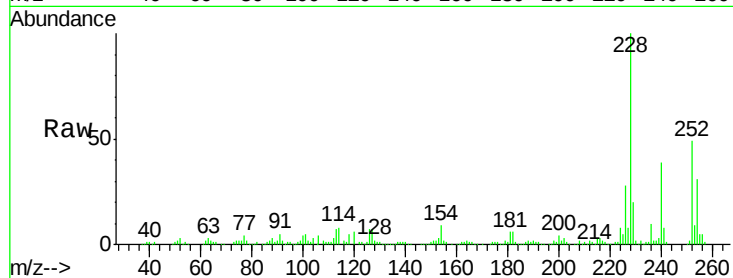




#81
 3,3'-Dichlorobenzidine
 Concen: 41.64 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

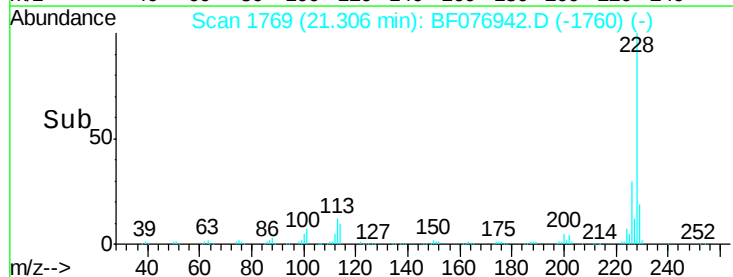
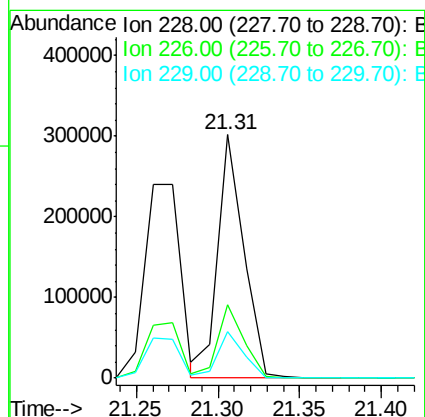
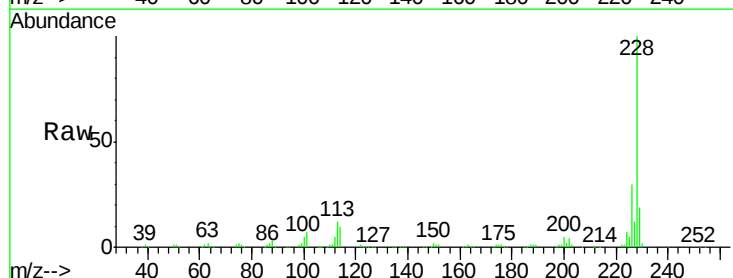
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 119671
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.2 75.4
 126 13.9 11.5 17.3



#82
 Chrysene
 Concen: 40.33 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:228 Resp: 332582
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 19.2 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.62 ng

RT: 21.41 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampled :

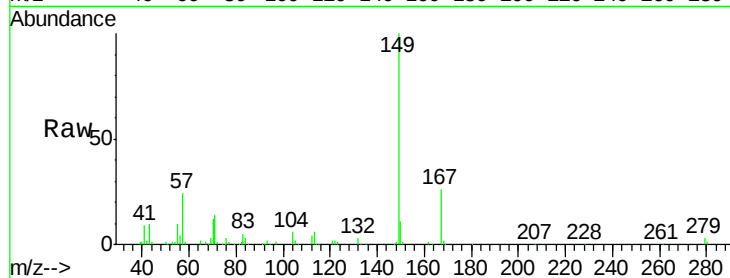
Tot Ion:149 Resp: 269974

Ion Ratio Lower Upper

149 100

167 25.9 20.6 30.8

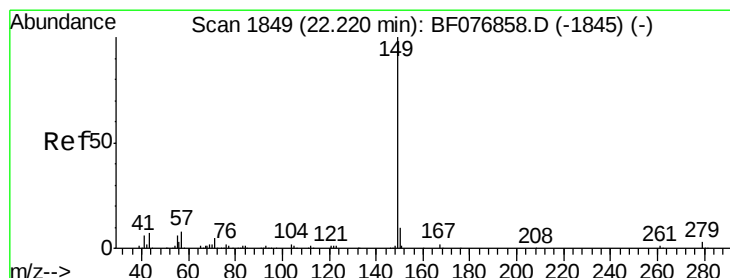
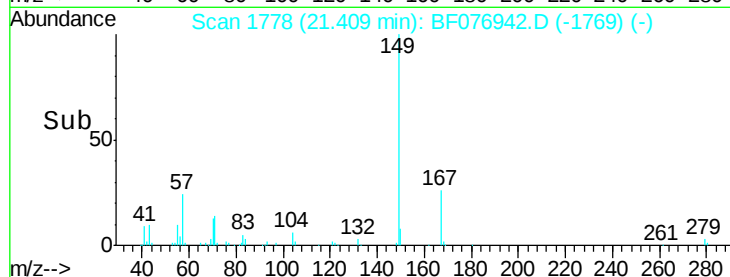
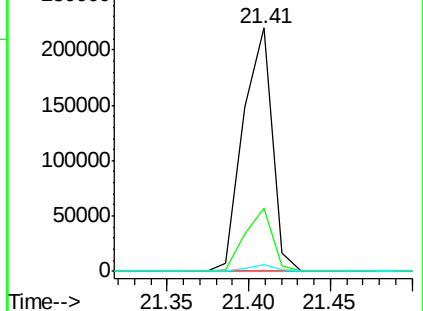
279 2.8 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.07 ng

RT: 22.17 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

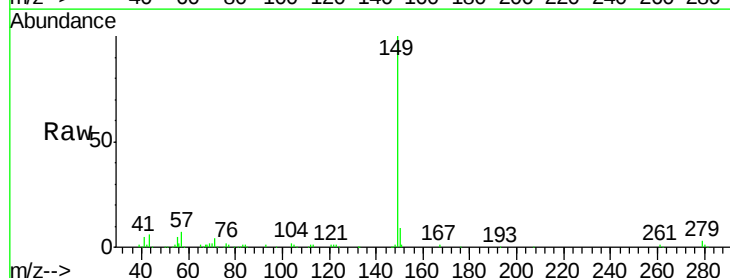
Tgt Ion:149 Resp: 452005

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

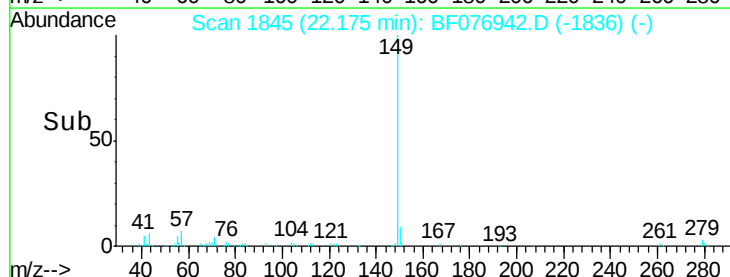
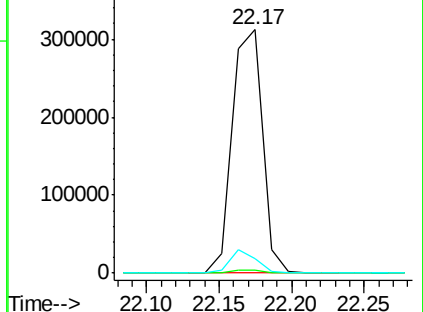
43 8.6 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

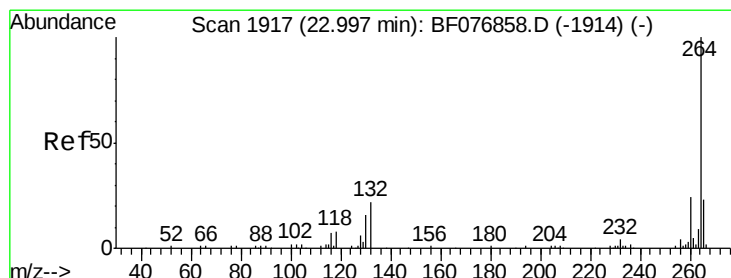
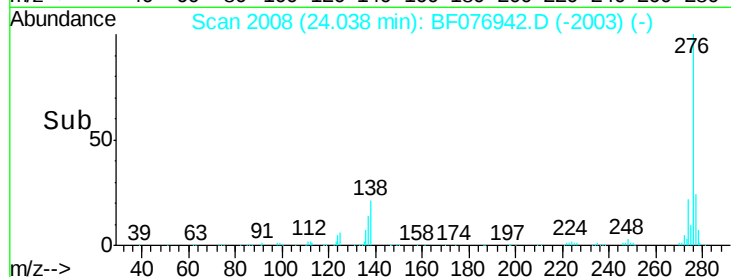
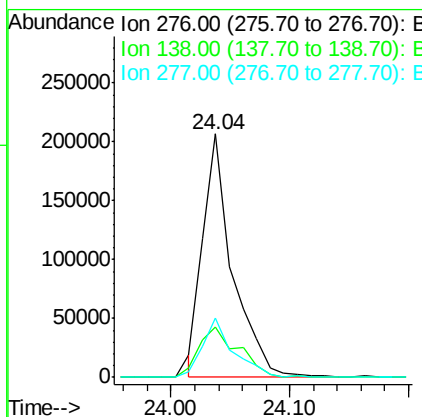
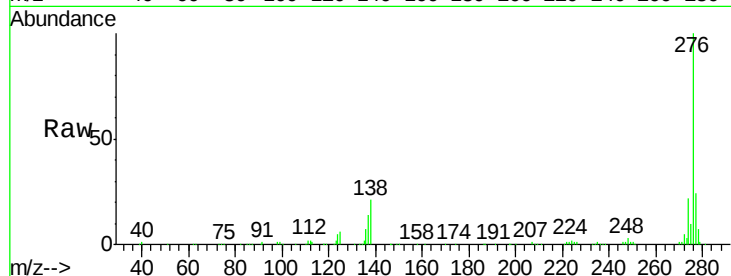




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.62 ng
 RT: 24.04 min Scan# 2008
 Delta R.T. -0.05 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

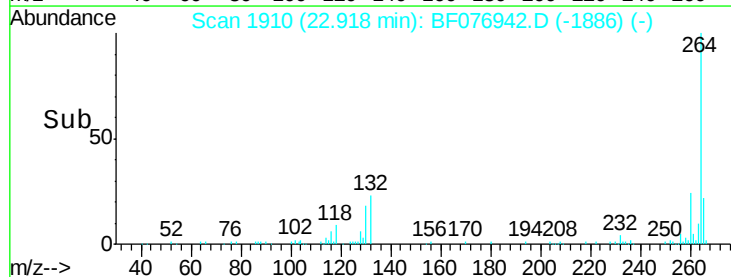
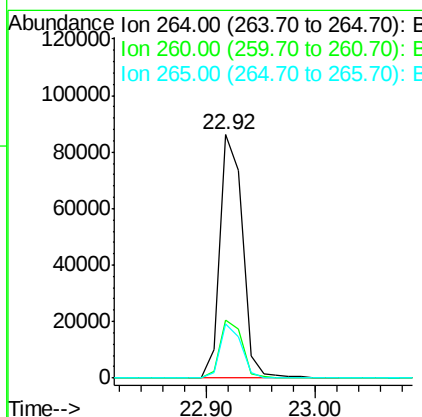
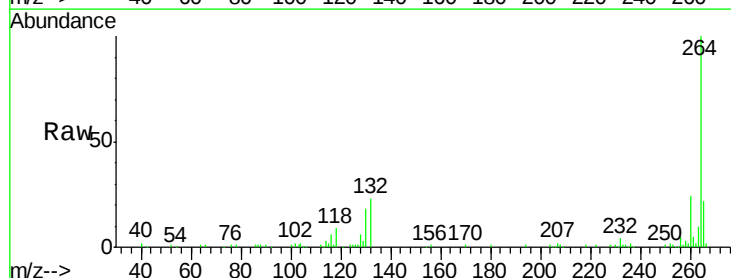
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:276 Resp: 355047
 Ion Ratio Lower Upper
 276 100
 138 27.2 14.6 22.0#
 277 24.7 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.92 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion:264 Resp: 124412
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.1 18.1 27.1

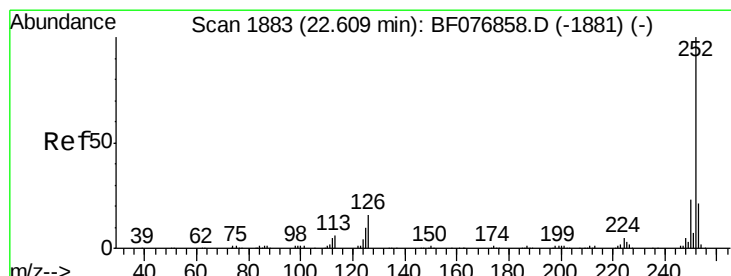
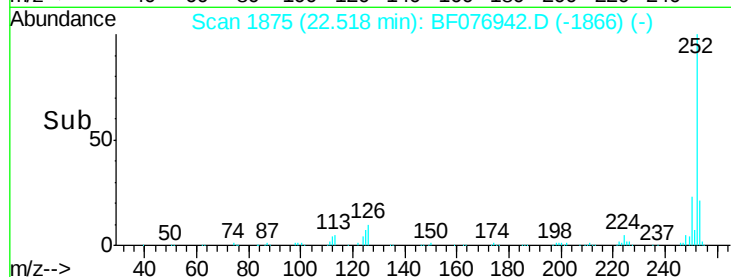
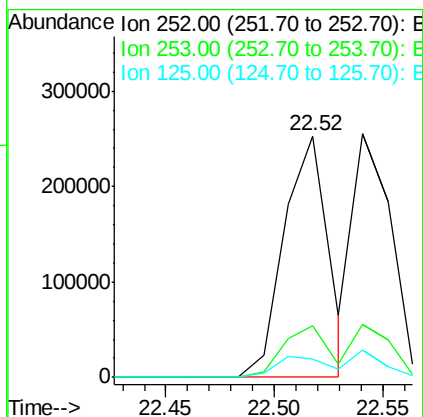
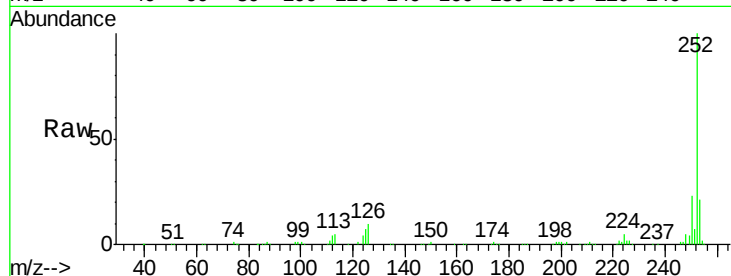




#87
 Benzo(b)fluoranthene
 Concen: 42.82 ng
 RT: 22.52 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

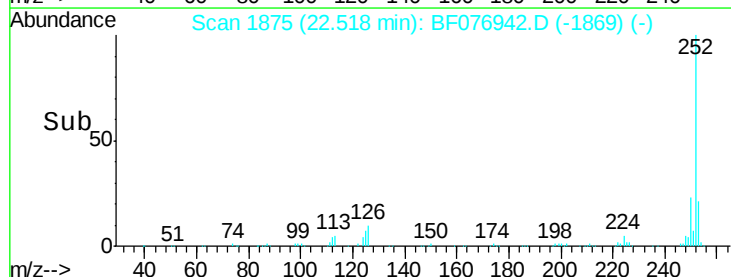
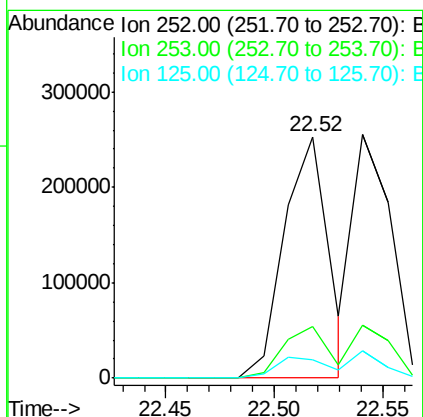
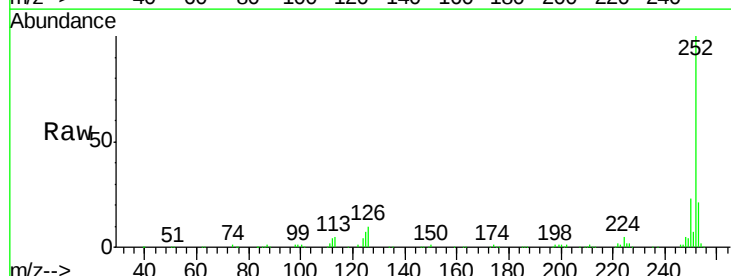
Instrument :
 BNA_F
 ClientSampleId :

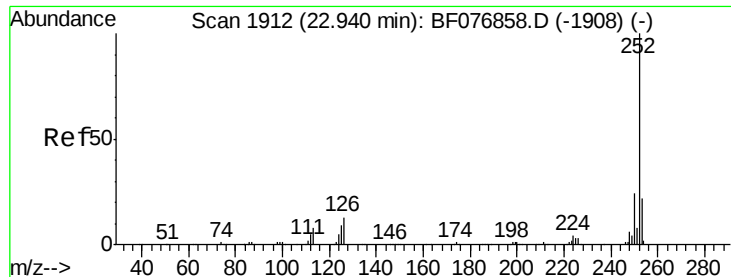
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	7.4	9.4	14.0



#88
 Benzo(k)fluoranthene
 Concen: 49.01 ng
 RT: 22.52 min Scan# 1875
 Delta R.T. -0.03 min
 Lab File: BF076942.D
 Acq: 20 Jan 2015 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	7.4	7.1	10.7





#89

Benzo(a)pyrene

Concen: 43.08 ng

RT: 22.86 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

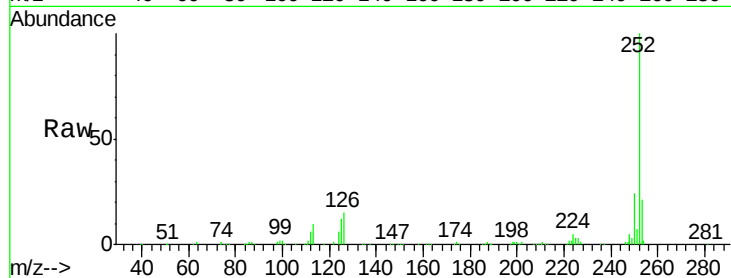
Tot Ion:252 Resp: 318411

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

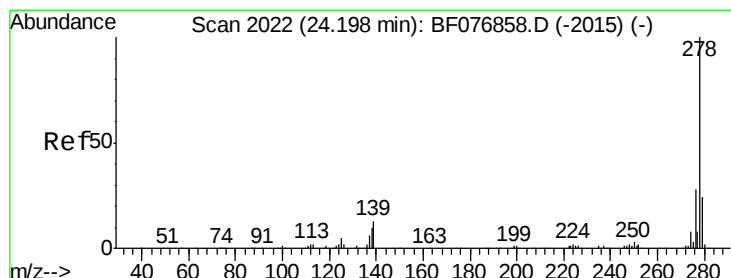
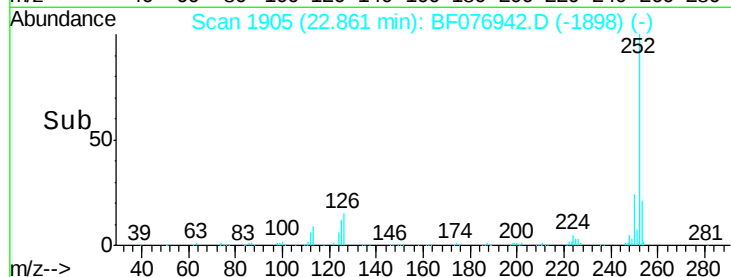
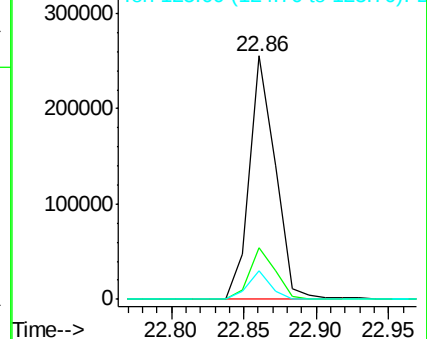
125 11.9 7.2 10.8#



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: 44.82 ng

RT: 24.06 min Scan# 2010

Delta R.T. -0.05 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

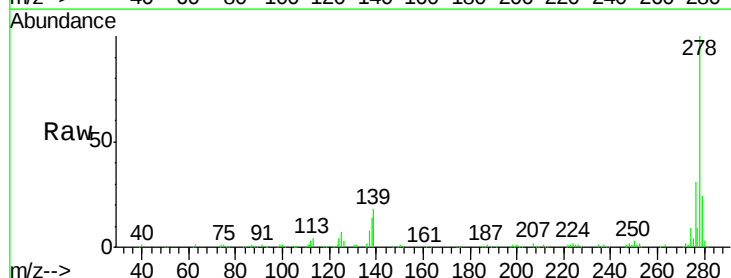
Tgt Ion:278 Resp: 303980

Ion Ratio Lower Upper

278 100

139 18.1 10.5 15.7#

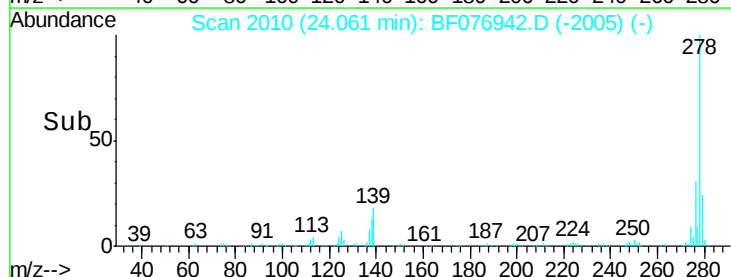
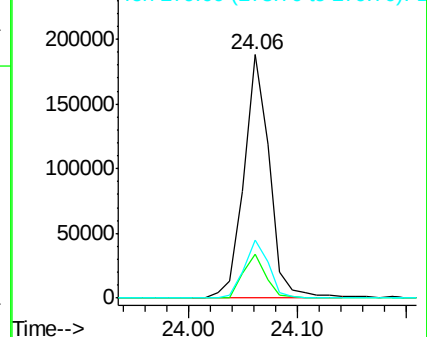
279 24.1 19.3 28.9

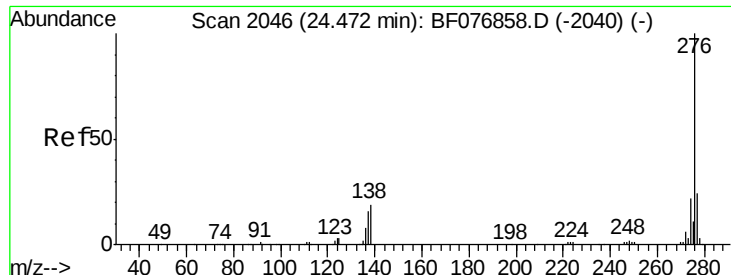


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.80 ng

RT: 24.33 min Scan# 2034

Delta R.T. -0.05 min

Lab File: BF076942.D

Acq: 20 Jan 2015 00:00

Instrument :

BNA_F

ClientSampleId :

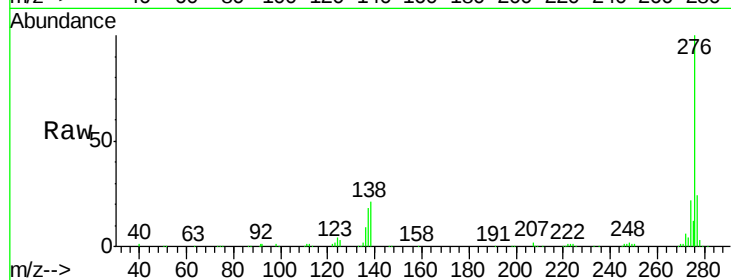
Tot Ion:276 Resp: 308800

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 20.7 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

