

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076945.D
 Acq On : 20 Jan 2015 2:18
 Operator : IZ / TP
 Sample : G1076-11MS
 Misc : W
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 03:18:44 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	48796	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	208323	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	114449	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	188280	20.00	ng	0.00
75) Chrysene-d12	21.27	240	186307	20.00	ng	0.00
86) Perylene-d12	22.93	264	174667	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	34325	11.57	ng	0.01
7) Phenol-d6	7.37	99	41622	11.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	30493	8.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	11582	12.47	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	62707	8.34	ng	0.00
78) Terphenyl-d14	20.00	244	64805	8.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.29	88	4594	3.62	ng	# 88
3) Pyridine	1.88	79	8266	2.51	ng	# 69
4) n-Nitrosodimethylamine	1.76	42	5777	3.55	ng	# 85
6) Aniline	7.27	93	16824	3.25	ng	93
8) 2-Chlorophenol	7.51	128	12125	3.54	ng	97
10) Phenol	7.40	94	12904	3.25	ng	78
11) bis(2-Chloroethyl)ether	7.50	93	12664	4.07	ng	# 83
12) 1,3-Dichlorobenzene	7.82	146	14590	3.75	ng	98
13) 1,4-Dichlorobenzene	8.01	146	13987	3.39	ng	95
14) 1,2-Dichlorobenzene	8.32	146	14078	3.70	ng	95
15) Benzyl Alcohol	8.41	79	10075	3.33	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.76	45	15905	3.80	ng	90
17) 2-Methylphenol	8.76	107	8674	3.10	ng	96
18) Hexachloroethane	9.08	117	5461	3.80	ng	# 85
19) n-Nitroso-di-n-propylamine	9.03	70	8624	3.29	ng	97
20) 3+4-Methylphenols	9.14	107	11262	3.04	ng	89
22) Acetophenone	8.96	105	19461	3.81	ng	98
24) Nitrobenzene	9.30	77	14732	3.85	ng	98
25) Isophorone	9.91	82	23630	3.45	ng	# 90
26) 2-Nitrophenol	10.06	139	5000	4.22	ng	# 79
27) 2,4-Dimethylphenol	10.33	122	10002	3.38	ng	94
28) bis(2-Chloroethoxy)methane	10.53	93	15863	4.08	ng	98
29) 2,4-Dichlorophenol	10.66	162	9471	3.43	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	11760	3.84	ng	95
31) Naphthalene	10.93	128	40087	3.74	ng	99
33) 4-Chloroaniline	11.18	127	15363	3.54	ng	94
34) Hexachlorobutadiene	11.29	225	6612	3.63	ng	95
36) 4-Chloro-3-methylphenol	12.47	107	11626	3.68	ng	97
37) 2-Methylnaphthalene	12.59	142	28380	3.87	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	11063	3.91	ng	98
40) Hexachlorocyclopentadiene	12.97	237	6783	8.78	ng	96
42) 2,4,6-Trichlorophenol	13.34	196	6582	3.19	ng	92
43) 2,4,5-Trichlorophenol	13.43	196	6236	2.97	ng	# 83
45) 1,1'-Biphenyl	13.74	154	32221	3.80	ng	98

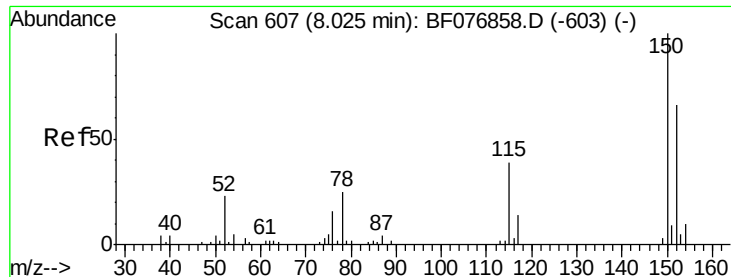
Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
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 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.72	162	26261	3.76	nq	99
47) 2-Nitroaniline	14.06	65	6596	3.11	nq	# 90
48) Acenaphthylene	14.67	152	40689	3.45	nq	99
49) Dimethylphthalate	14.60	163	30317	3.74	nq	99
50) 2,6-Dinitrotoluene	14.70	165	6276	3.87	nq	97
51) Acenaphthene	15.09	154	22651	3.39	nq	94
52) 3-Nitroaniline	15.05	138	6476	4.76	nq	# 91
53) 2,4-Dinitrophenol	15.34	184	1710	13.67	nq	# 72
54) Dibenzofuran	15.51	168	35763	3.67	nq	94
55) 4-Nitrophenol	15.66	139	4672	3.67	nq	93
56) 2,4-Dinitrotoluene	15.64	165	7926	5.23	nq	# 91
57) Fluorene	16.23	166	29831	3.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.84	232	4636	3.03	nq	# 96
59) Diethylphthalate	16.21	149	30658	3.74	nq	96
60) 4-Chlorophenyl-phenylether	16.31	204	12955	3.84	nq	94
61) 4-Nitroaniline	16.36	138	5576	4.07	nq	# 80
62) Azobenzene	16.60	77	29779	3.48	nq	96
64) 4,6-Dinitro-2-methylphenol	16.44	198	2632	5.33	nq	90
65) n-Nitrosodiphenylamine	16.55	169	24785	3.69	nq	93
66) 4-Bromophenyl-phenylether	17.16	248	7434	3.90	nq	91
67) Hexachlorobenzene	17.17	284	8017	3.99	nq	97
68) Atrazine	17.51	200	7612	3.74	nq	88
69) Pentachlorophenol	17.53	266	3824	10.70	nq	# 71
70) Phenanthrene	17.81	178	44736	3.81	nq	96
71) Anthracene	17.89	178	41923	3.66	nq	97
72) Carbazole	18.17	167	40081	3.61	nq	99
73) Di-n-butylphthalate	18.76	149	44391	3.45	nq	98
74) Fluoranthene	19.45	202	44416	3.69	nq	97
77) Pvrene	19.74	202	45942	3.60	nq	98
79) Butylbenzylphthalate	20.67	149	19724	3.41	nq	# 95
80) Benzo(a)anthracene	21.26	228	43605	3.73	nq	100
81) 3,3'-Dichlorobenzidine	21.27	252	13007	3.50	nq	89
82) Chrysene	21.31	228	42068	3.95	nq	98
83) Bis(2-ethylhexyl)phthalate	21.41	149	27352	3.42	nq	100
84) Di-n-octyl phthalate	22.17	149	47254	3.40	nq	99
85) Indeno(1,2,3-cd)pyrene	24.05	276	41560	3.68	nq	# 84
87) Benzo(b)fluoranthene	22.51	252	42774	3.64	nq	98
88) Benzo(k)fluoranthene	22.51	252	42774	4.16	nq	# 97
89) Benzo(a)pyrene	22.87	252	37164	3.58	nq	# 94
90) Dibenzo(a,h)anthracene	24.07	278	34159	3.59	nq	# 95
91) Benzo(g,h,i)perylene	24.33	276	35565	3.76	nq	# 91

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

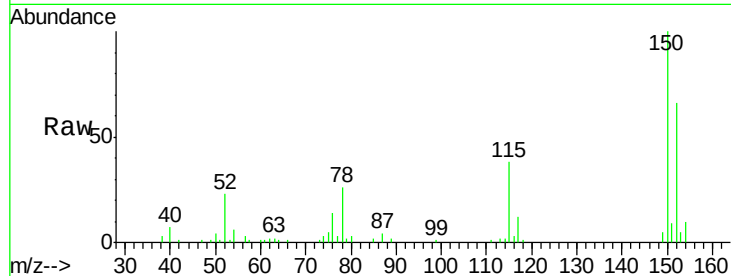


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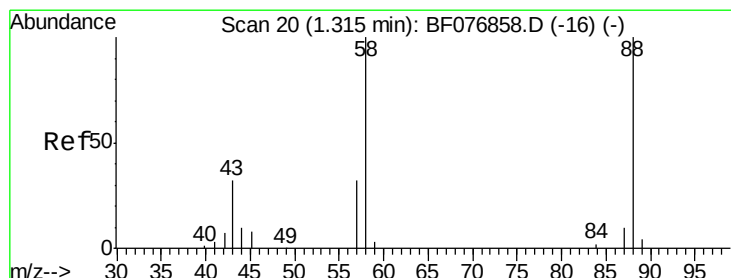
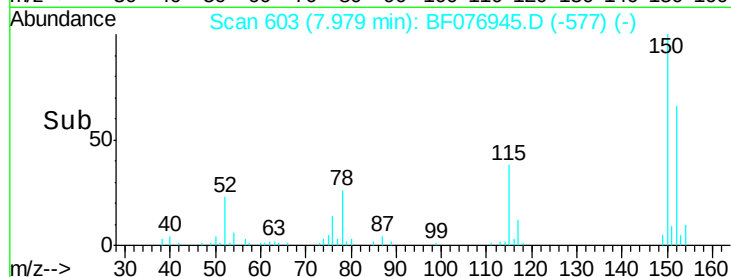
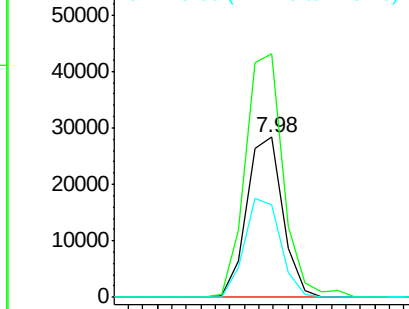
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48796
Ion Ratio Lower Upper
152 100
150 151.9 121.7 182.5
115 57.4 47.0 70.6



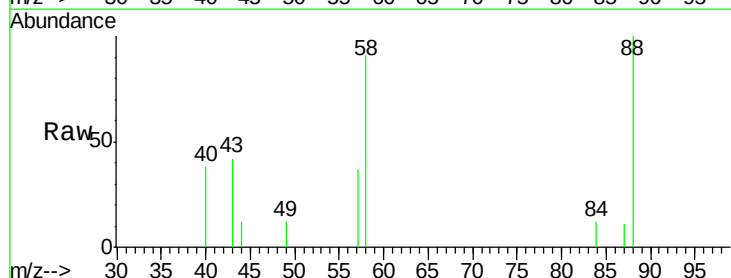
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



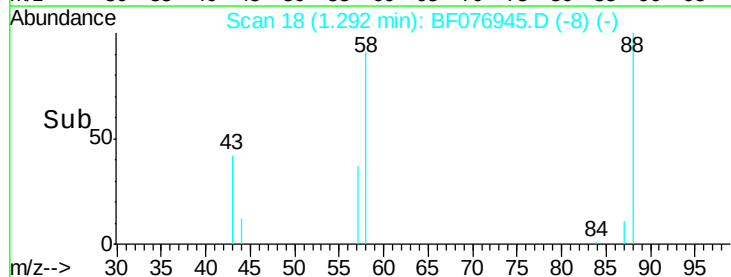
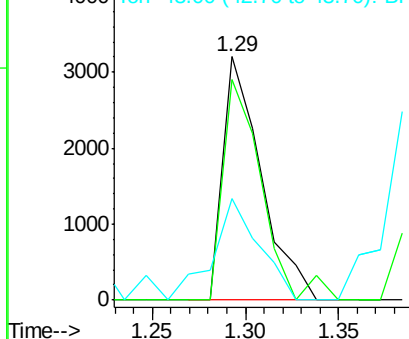
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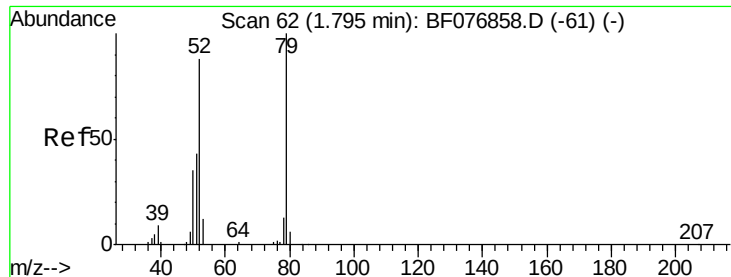
1,4-Dioxane
Concen: 3.62 ng
RT: 1.29 min Scan# 18
Delta R.T. 0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion: 88 Resp: 4594
Ion Ratio Lower Upper
88 100
58 91.0 77.0 115.4
43 50.3 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: 2.51 ng

RT: 1.88 min Scan# 69

Delta R.T. 0.13 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

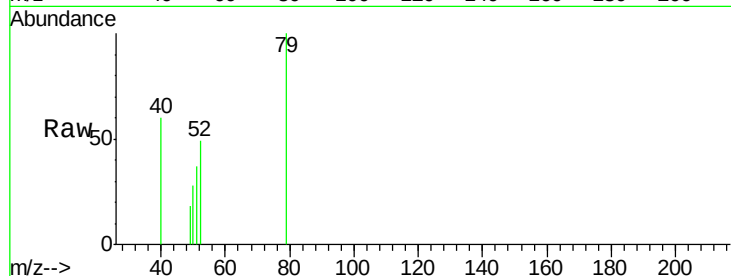
Tot Ion: 79 Resp: 8266

Ion Ratio Lower Upper

79 100

52 49.2 70.1 105.1#

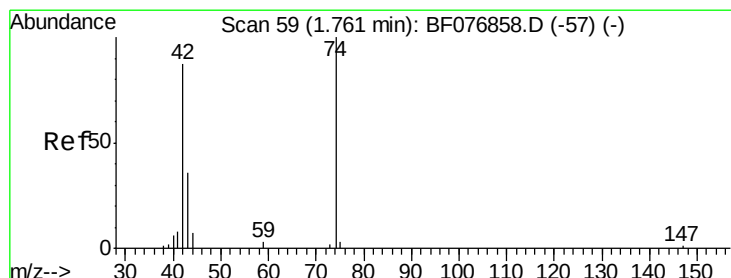
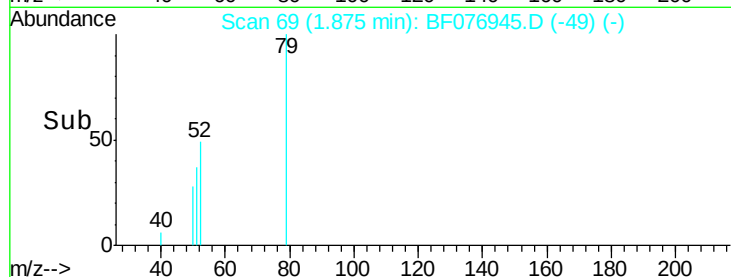
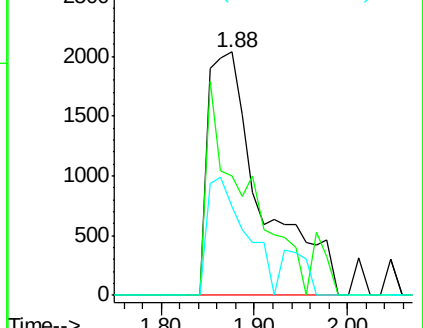
51 36.7 35.1 52.7



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: 3.55 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

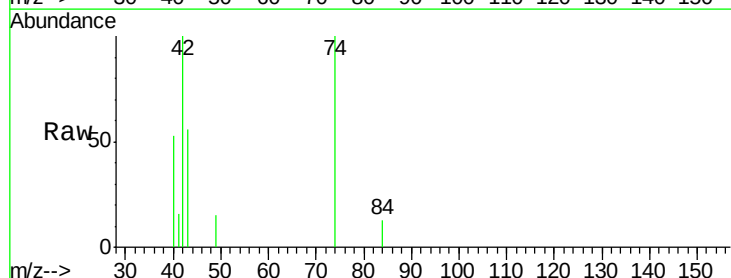
Tgt Ion: 42 Resp: 5777

Ion Ratio Lower Upper

42 100

74 99.9 92.4 138.6

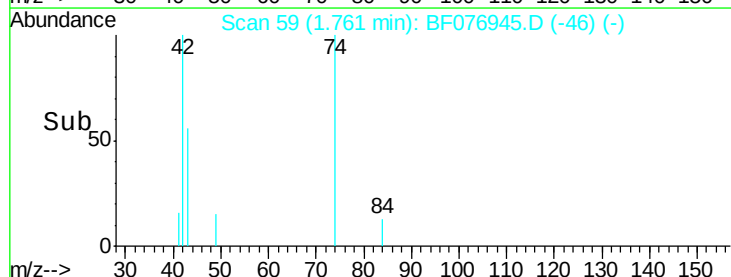
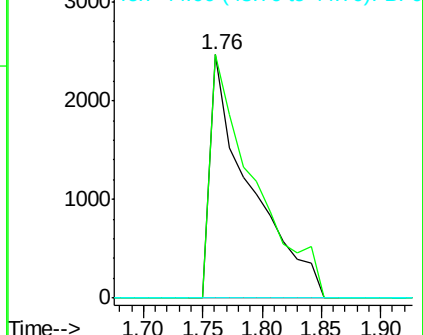
44 0.0 6.2 9.2#

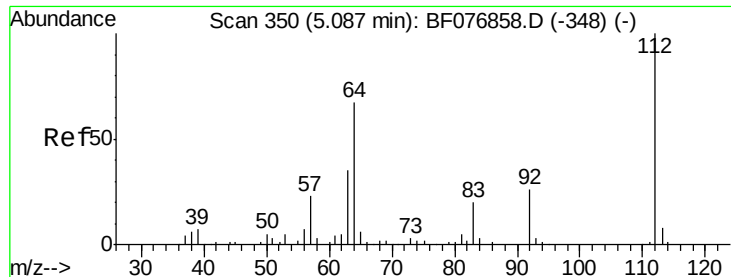


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 11.57 ng

RT: 5.04 min Scan# 346

Delta R.T. 0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

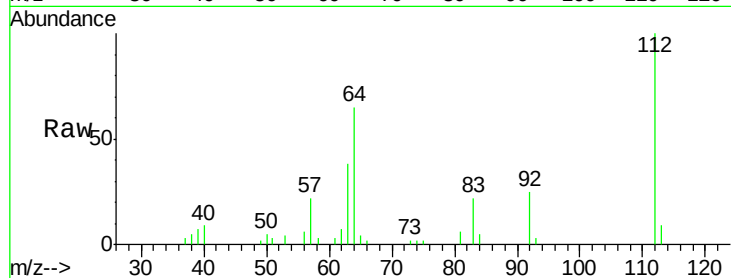
Tot Ion: 112 Resp: 34325

Ion Ratio Lower Upper

112 100

64 64.5 54.2 81.4

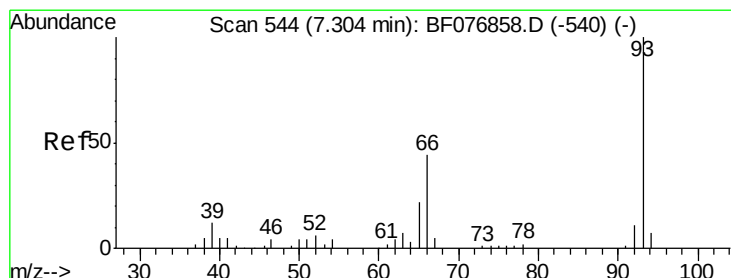
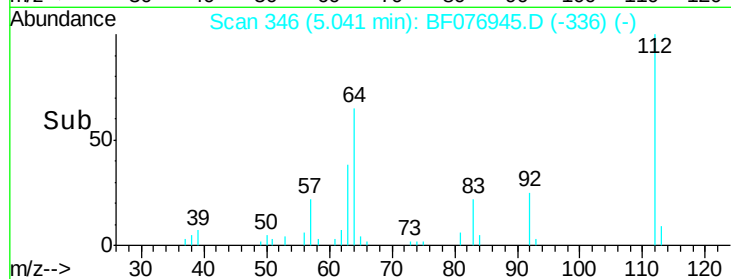
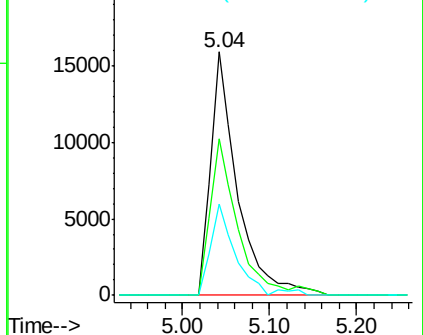
63 37.7 28.4 42.6



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: 3.25 ng

RT: 7.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

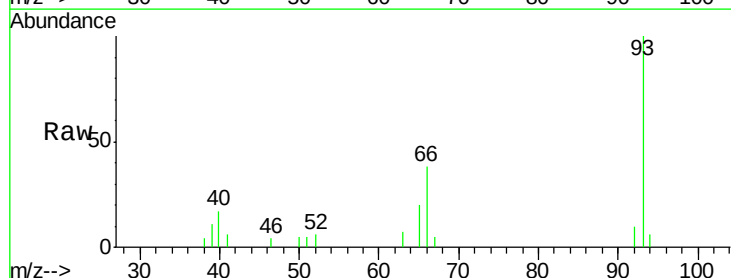
Tgt Ion: 93 Resp: 16824

Ion Ratio Lower Upper

93 100

66 38.4 35.0 52.4

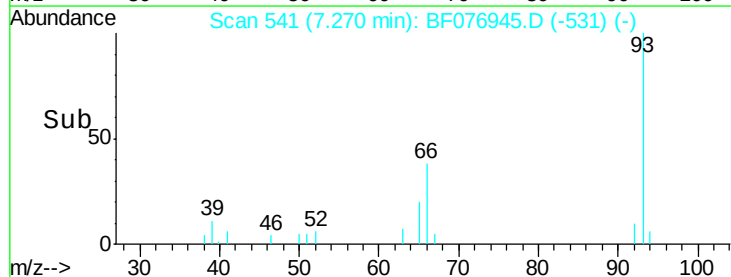
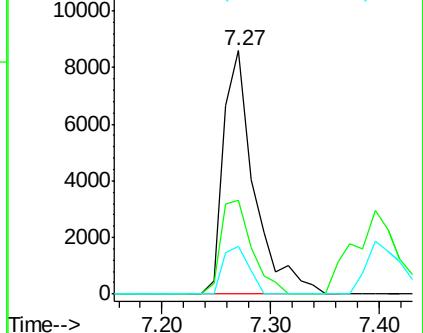
65 19.6 17.7 26.5

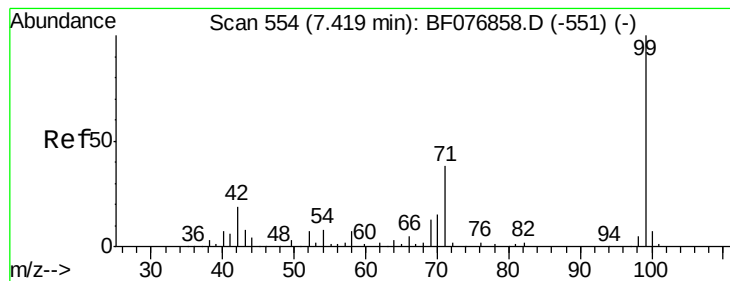


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 11.12 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

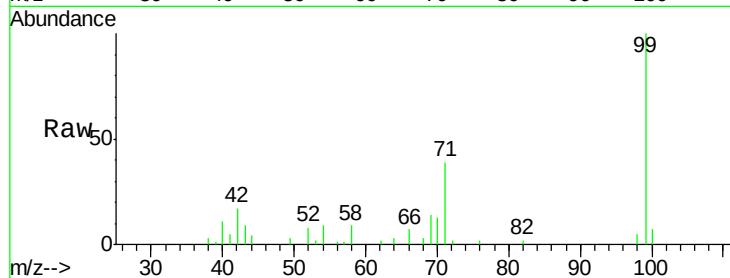
Tot Ion: 99 Resp: 41622

Ion Ratio Lower Upper

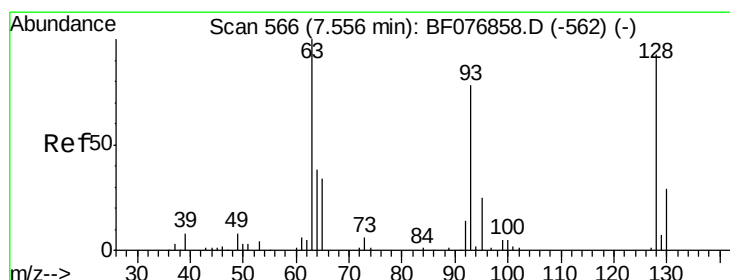
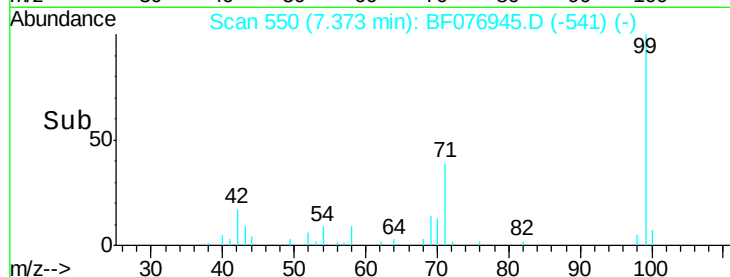
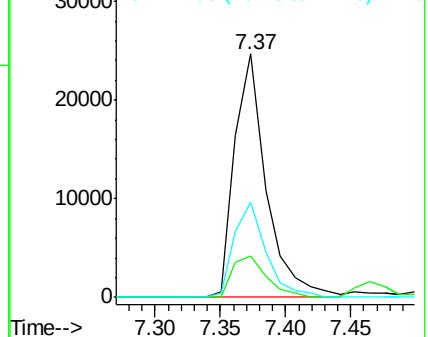
99 100

42 17.2 15.0 22.4

71 39.1 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: 3.54 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

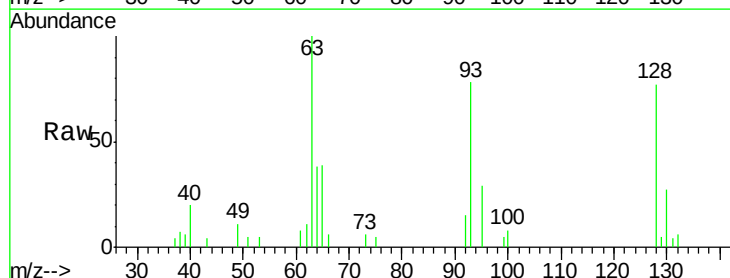
Tgt Ion: 128 Resp: 12125

Ion Ratio Lower Upper

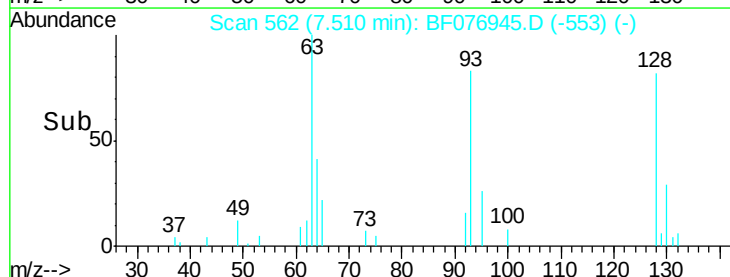
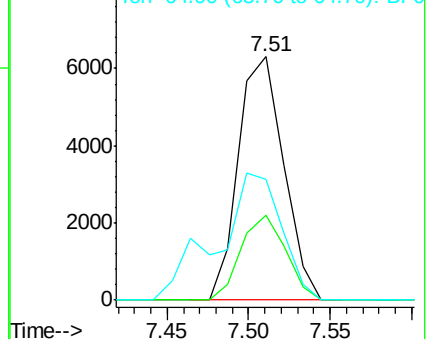
128 100

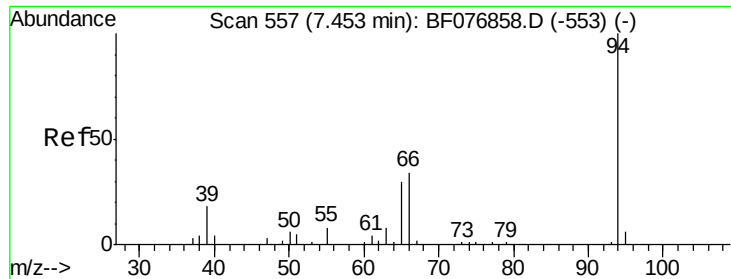
130 34.9 11.0 51.0

64 49.7 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

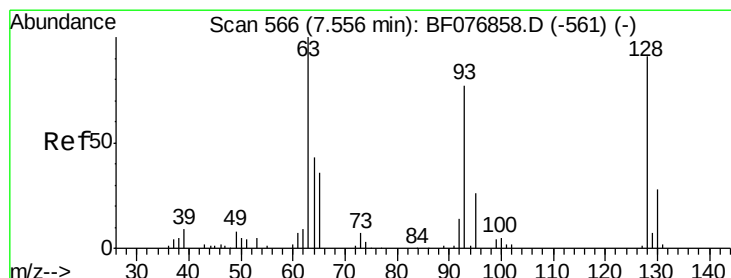
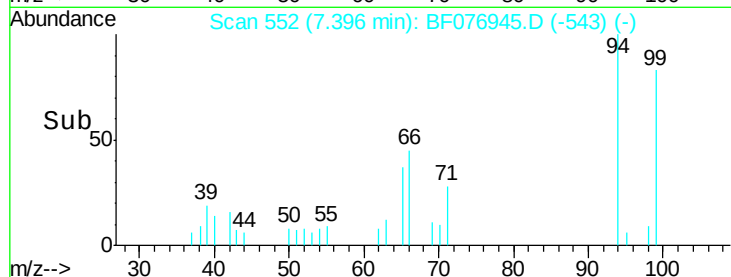
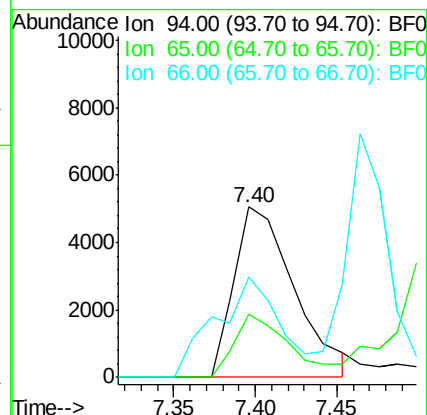
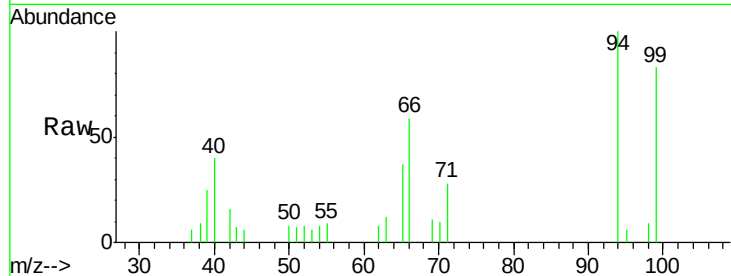




#10
 Phenol
 Concen: 3.25 ng
 RT: 7.40 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

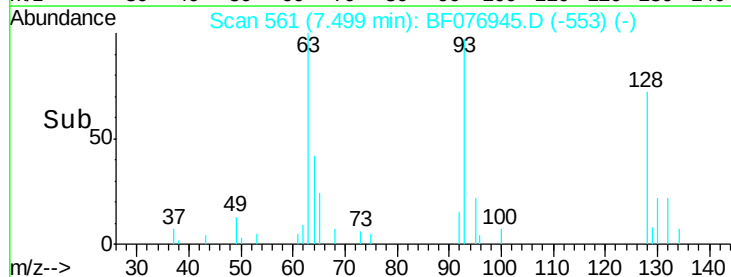
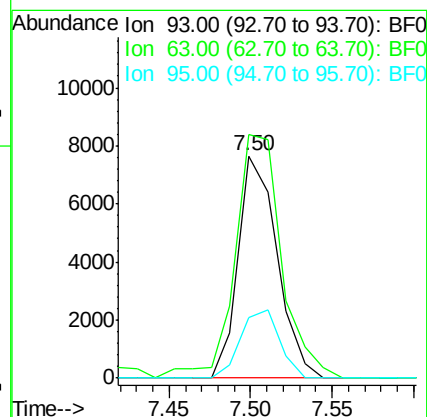
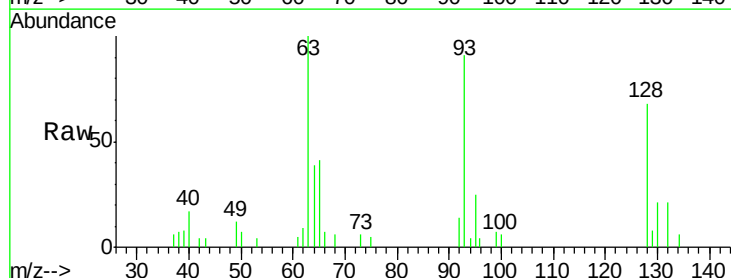
Instrument :
 BNA_F
 ClientSampled :

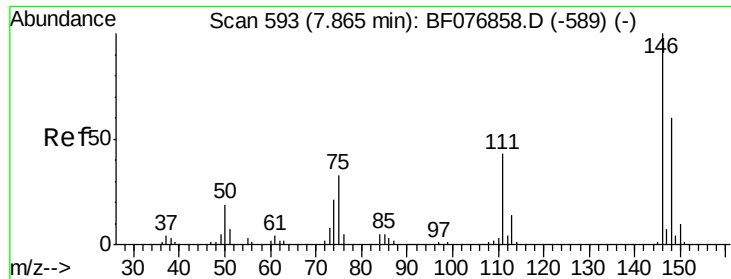
Tot Ion	94	Resp	12904
Ion Ratio	Lower	Upper	
94	100		
65	36.9	11.3	51.3
66	58.5	19.5	59.5



#11
 bis(2-Chloroethyl)ether
 Concen: 4.07 ng
 RT: 7.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion	93	Resp	12664
Ion Ratio	Lower	Upper	
93	100		
63	109.5	111.3	151.3#
95	27.4	13.8	53.8

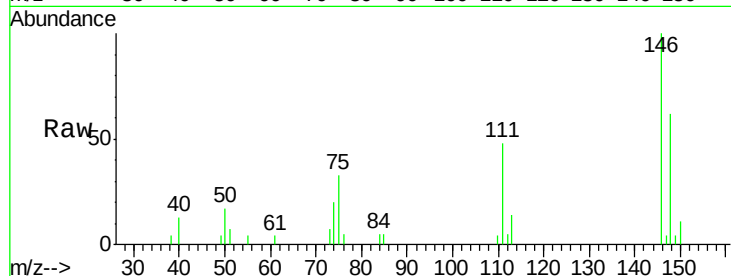




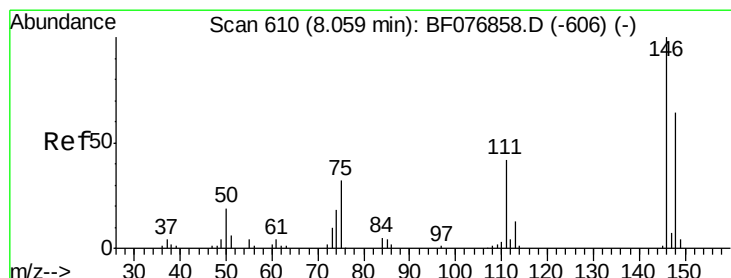
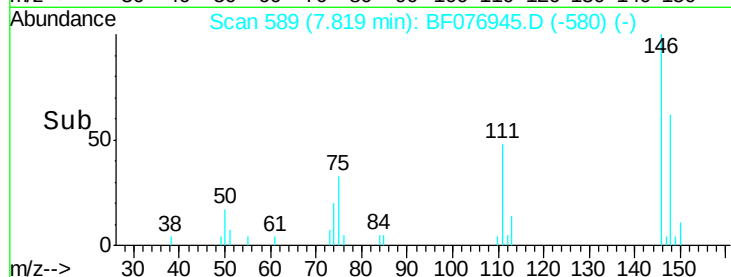
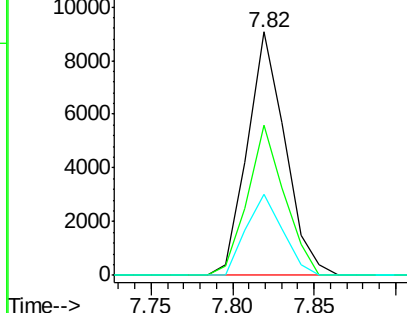
#12
 1,3-Dichlorobenzene
 Concen: 3.75 ng
 RT: 7.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	48.1	72.1
75	33.3	26.8	40.2

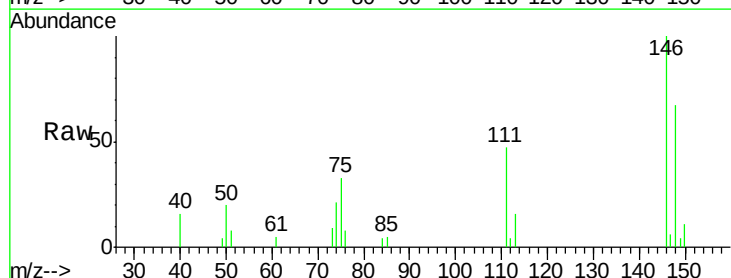


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

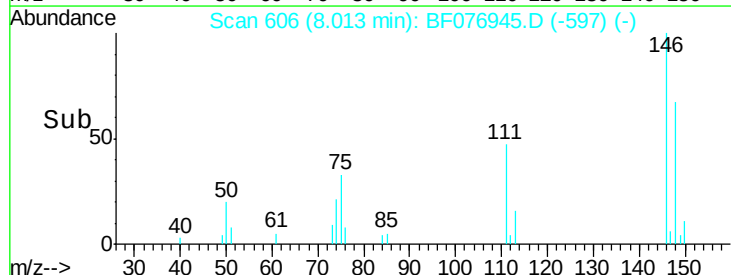
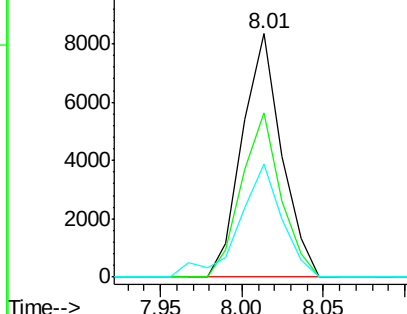


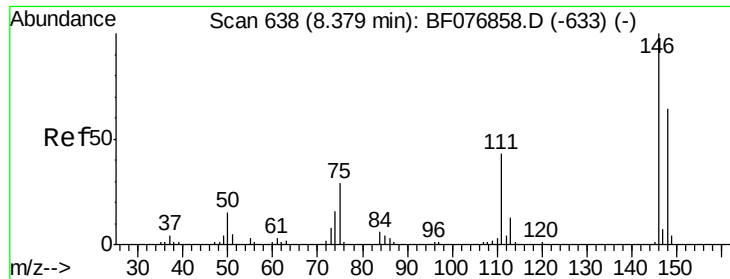
#13
 1,4-Dichlorobenzene
 Concen: 3.39 ng
 RT: 8.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.5	77.3
111	46.7	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

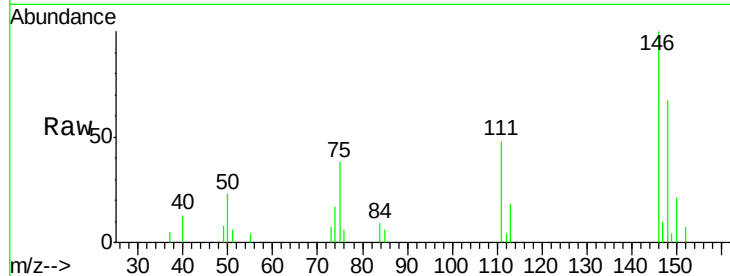




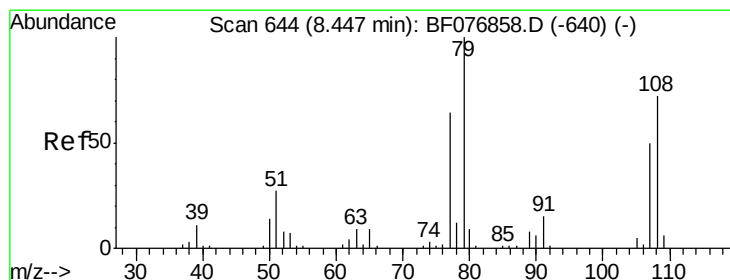
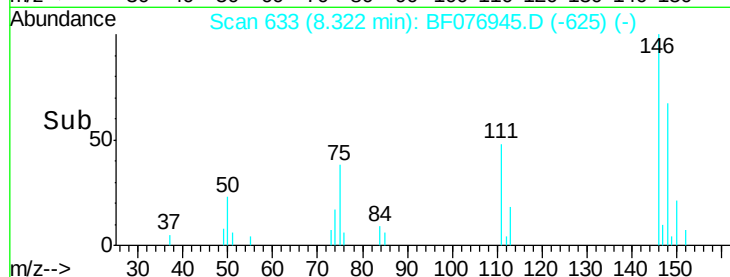
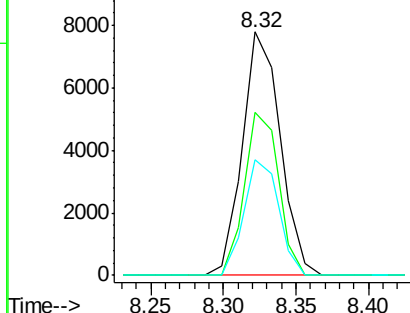
#14
 1,2-Dichlorobenzene
 Concen: 3.70 ng
 RT: 8.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 14078
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.3 76.9
 111 47.5 34.5 51.7

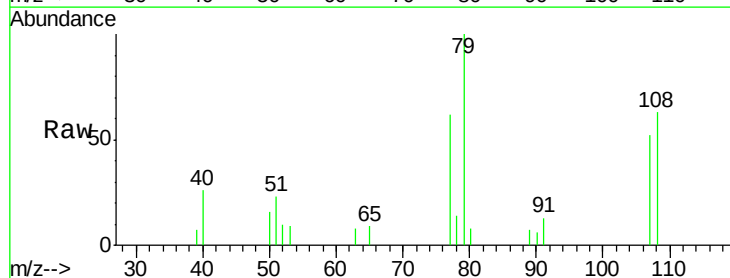


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

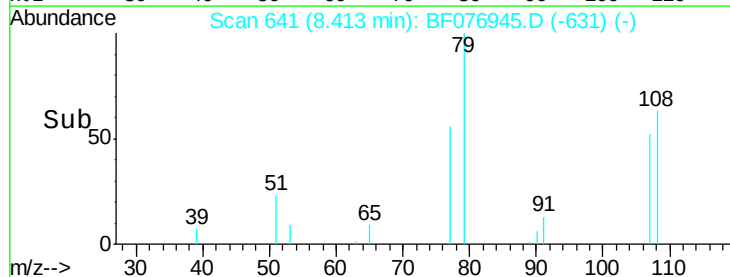
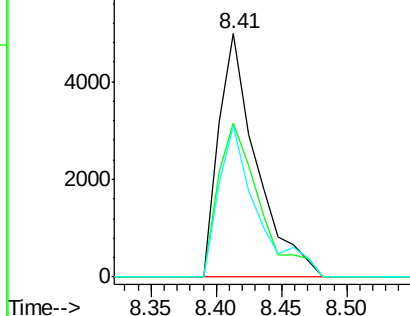


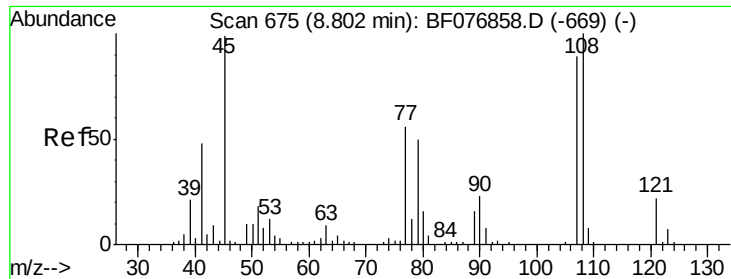
#15
 Benzyl Alcohol
 Concen: 3.33 ng
 RT: 8.41 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion: 79 Resp: 10075
 Ion Ratio Lower Upper
 79 100
 108 63.0 57.2 85.8
 77 62.1 51.2 76.8



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

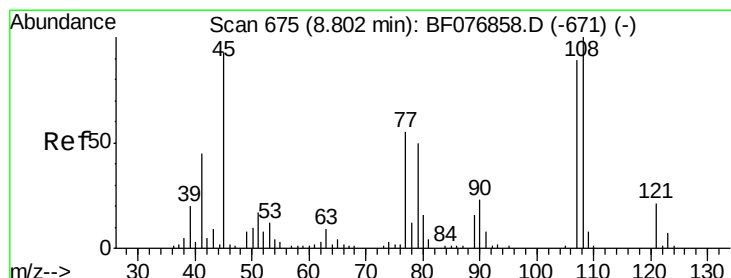
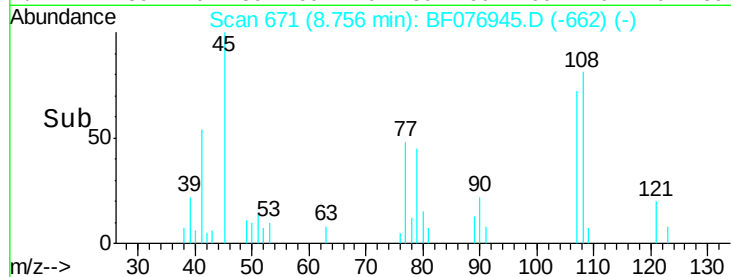
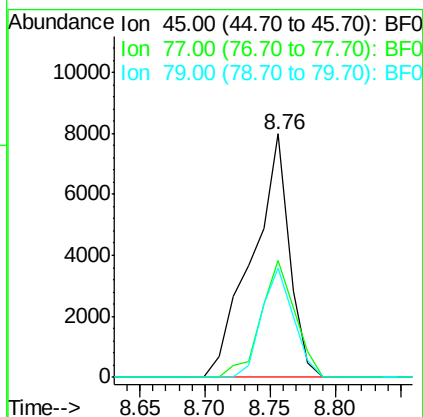
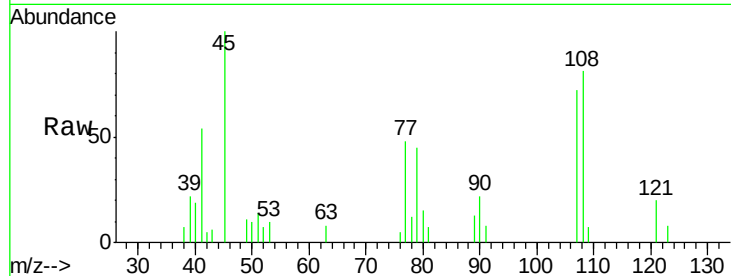




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 3.80 ng
 RT: 8.76 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

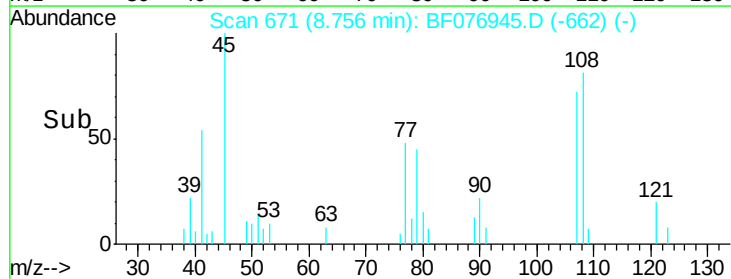
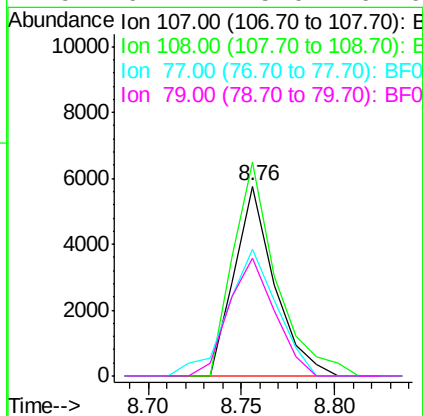
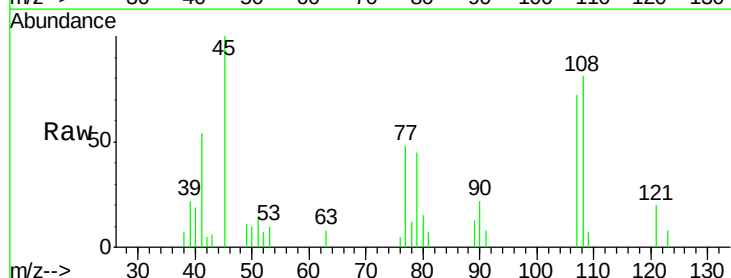
Instrument :
 BNA_F
 ClientSampled :

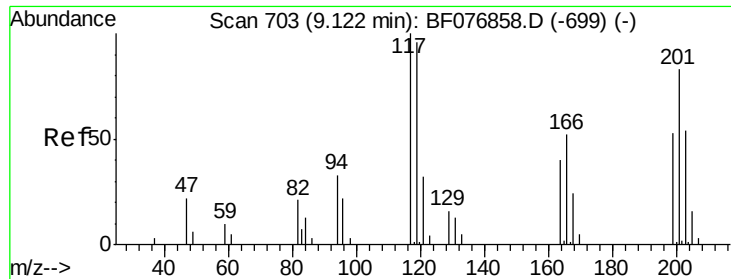
Tot Ion: 45 Resp: 15905
 Ion Ratio Lower Upper
 45 100
 77 48.0 36.1 76.1
 79 44.9 30.5 70.5



#17
 2-Methylphenol
 Concen: 3.10 ng
 RT: 8.76 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion: 107 Resp: 8674
 Ion Ratio Lower Upper
 107 100
 108 112.6 89.7 134.5
 77 66.5 50.1 75.1
 79 62.2 45.0 67.6





#18

Hexachloroethane

Concen: 3.80 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

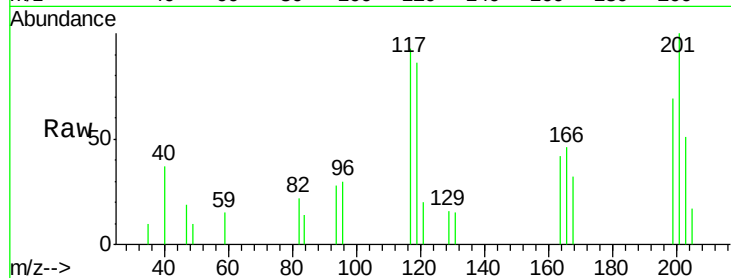
Tot Ion: 117 Resp: 5461

Ion Ratio Lower Upper

117 100

119 92.8 77.1 115.7

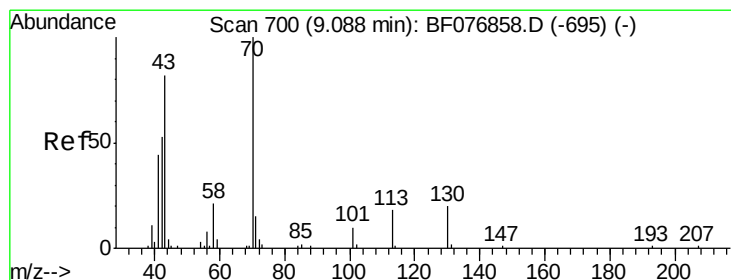
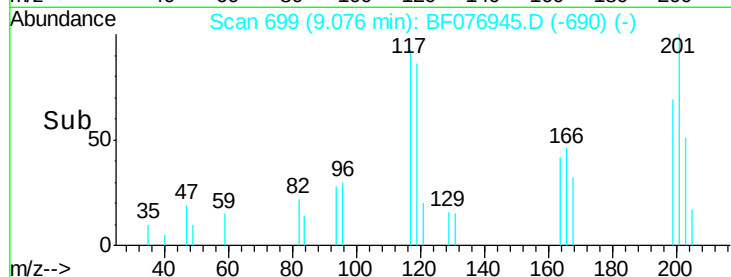
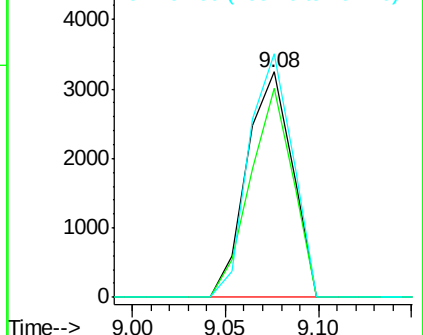
201 108.0 66.8 100.2#



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: 3.29 ng

RT: 9.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Tgt Ion: 70 Resp: 8624

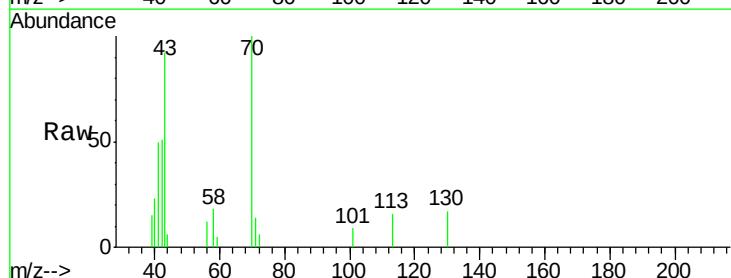
Ion Ratio Lower Upper

70 100

42 51.4 42.1 63.1

101 9.5 7.8 11.8

130 16.7 16.2 24.4

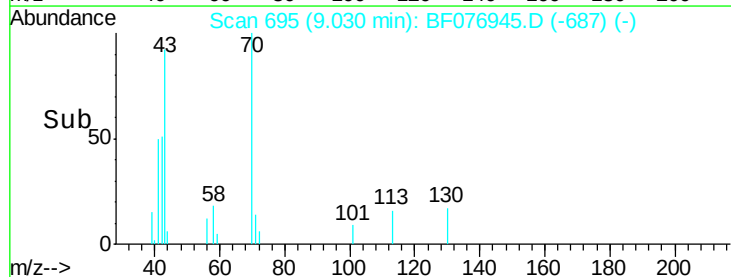
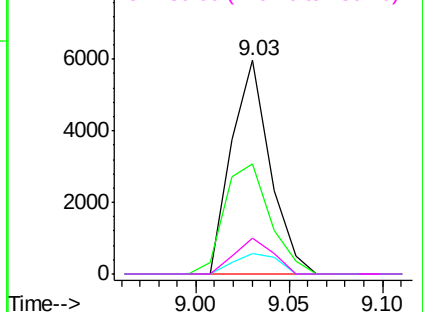


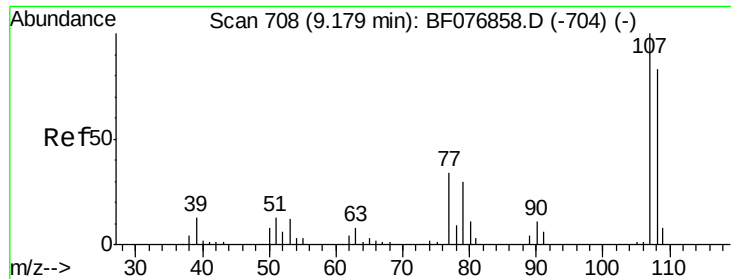
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

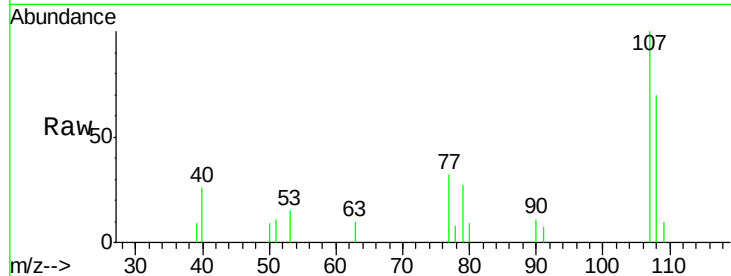




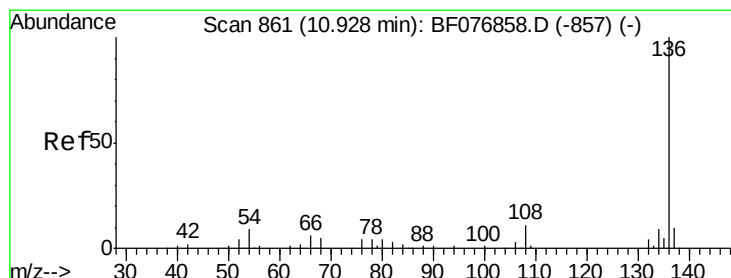
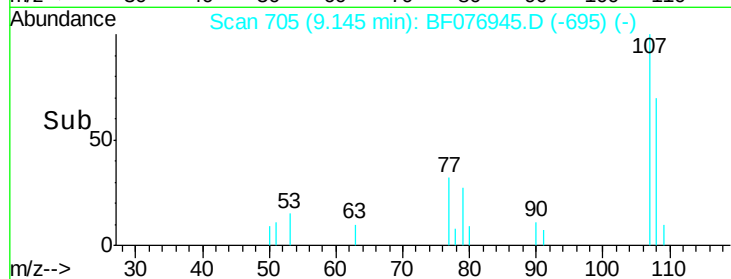
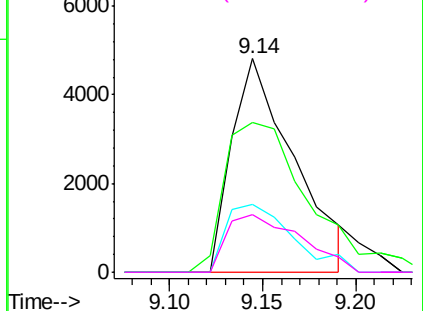
#20
3+4-Methylphenols
Concen: 3.04 ng
RT: 9.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107	Resp:	11262
Ion Ratio	Lower	Upper
107	100	
108	69.9	63.5 103.5
77	31.8	14.0 54.0
79	26.8	9.9 49.9

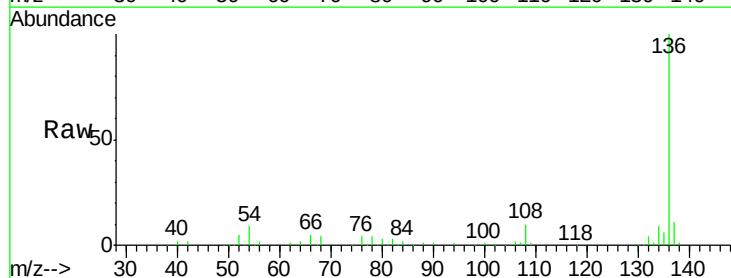


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

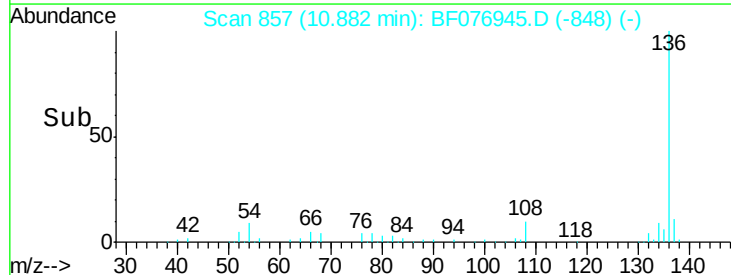
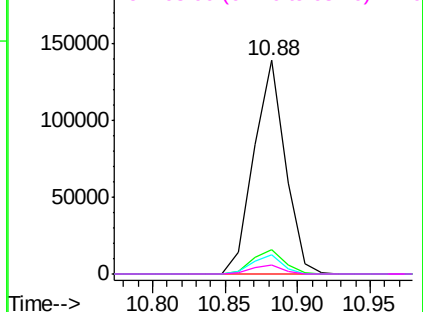


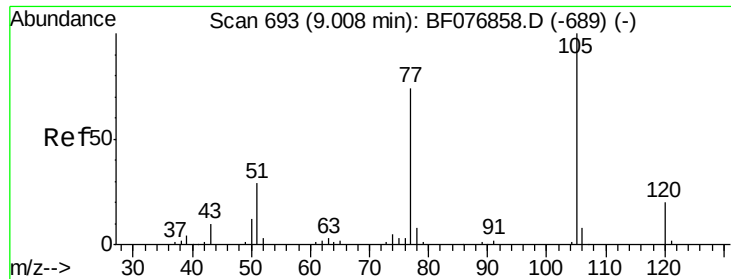
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:136	Resp:	208323
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.1 12.1
54	8.9	7.0 10.4
68	4.0	3.7 5.5



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





#22

Acetophenone

Concen: 3.81 ng

RT: 8.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 19461

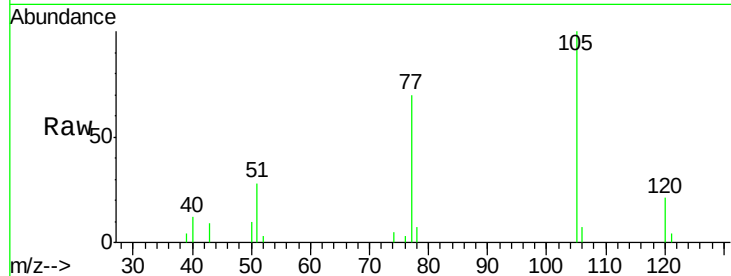
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 28.0 23.3 34.9

120 21.1 16.1 24.1

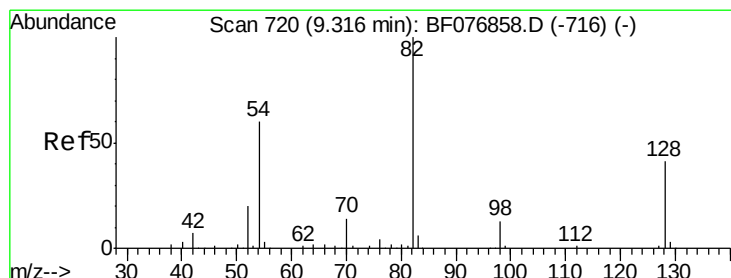
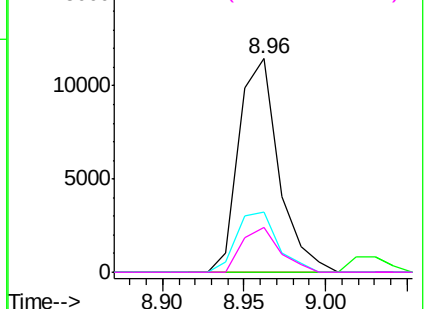
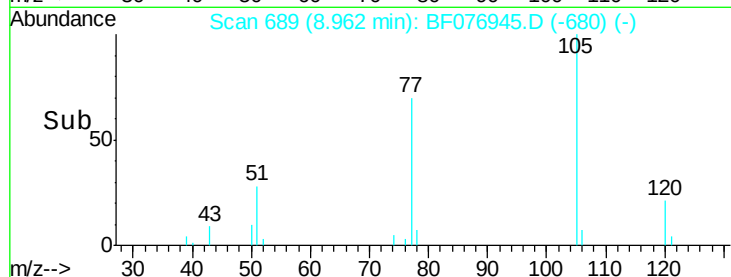


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 8.11 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

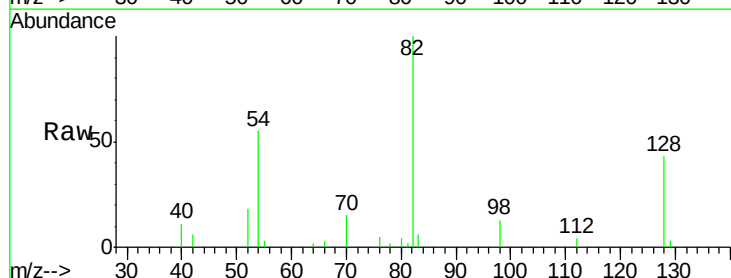
Tgt Ion: 82 Resp: 30493

Ion Ratio Lower Upper

82 100

128 43.4 33.1 49.7

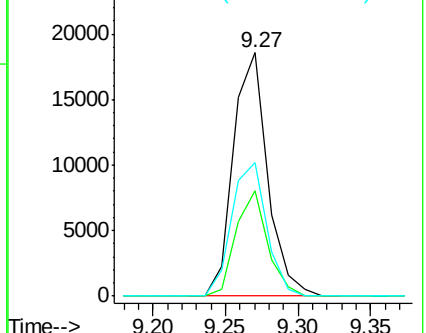
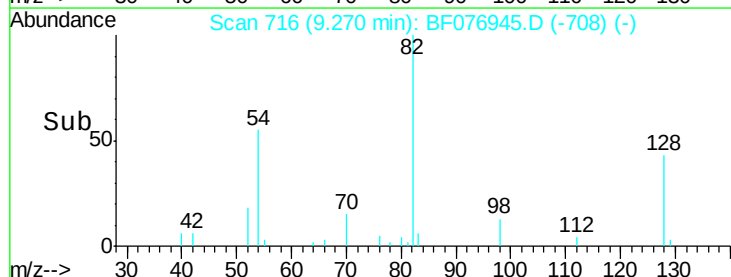
54 54.8 48.3 72.5

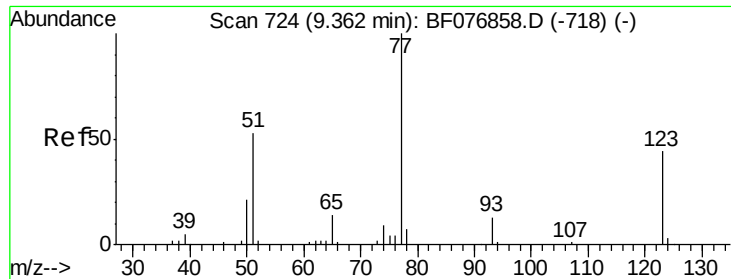


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

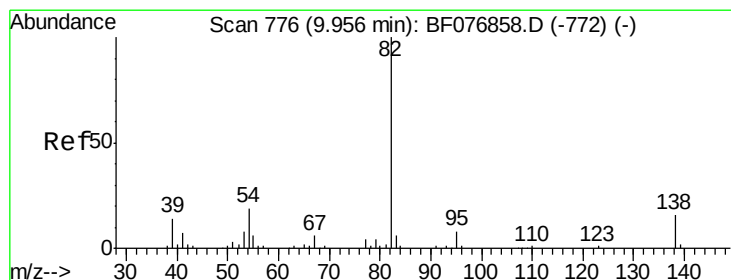
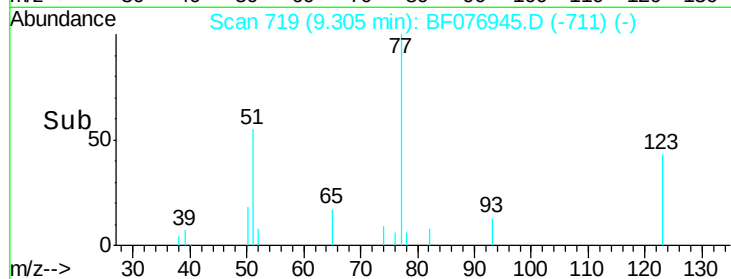
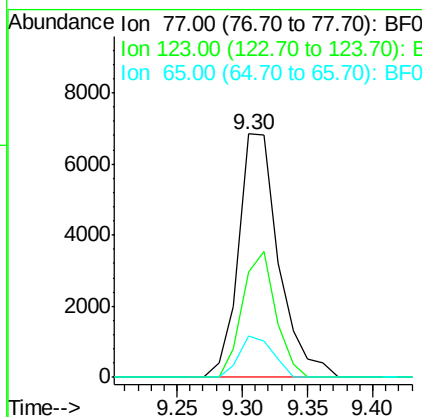
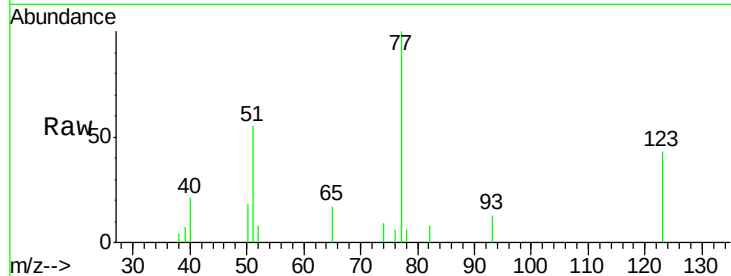




#24
 Nitrobenzene
 Concen: 3.85 ng
 RT: 9.30 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

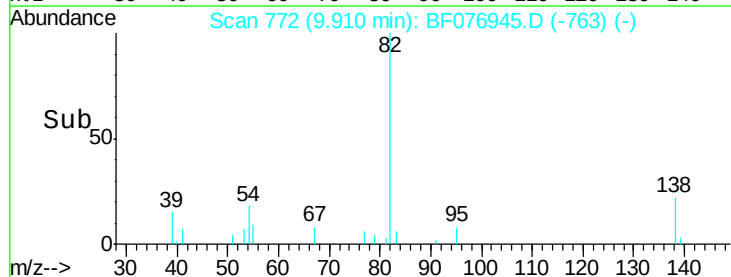
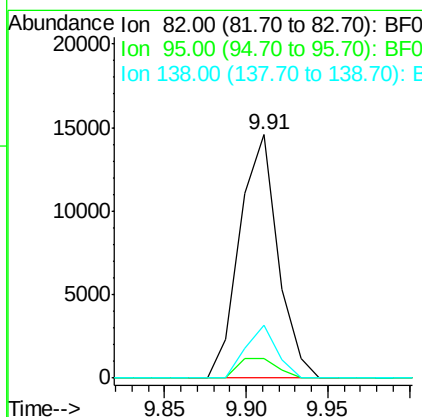
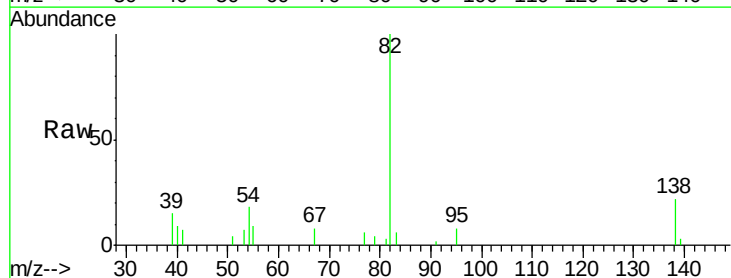
Instrument :
 BNA_F
 ClientSampled :

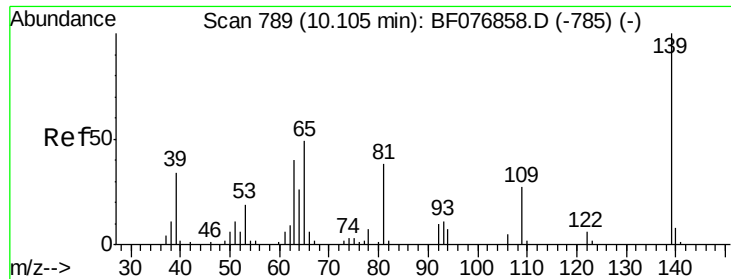
Tot Ion	77	Resp	14732
Ion Ratio	Lower	Upper	
77	100		
123	43.4	35.2	52.8
65	17.1	11.4	17.2



#25
 Isophorone
 Concen: 3.45 ng
 RT: 9.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion	82	Resp	23630
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.6	10.0
138	21.9	12.6	18.8#

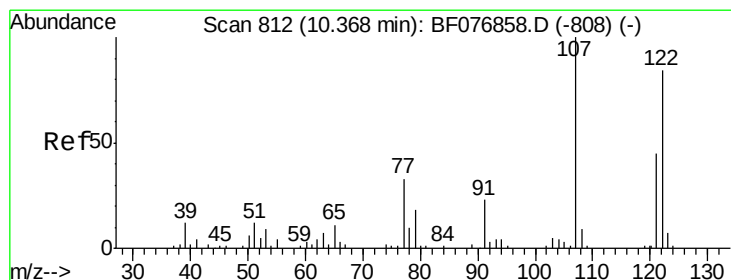
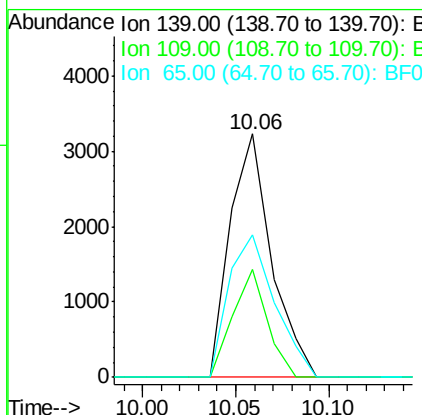
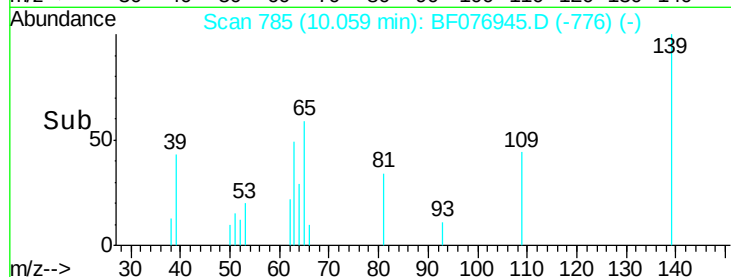
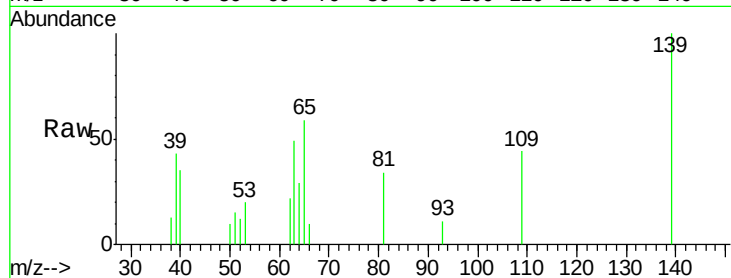




#26
2-Nitrophenol
Concen: 4.22 ng
RT: 10.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

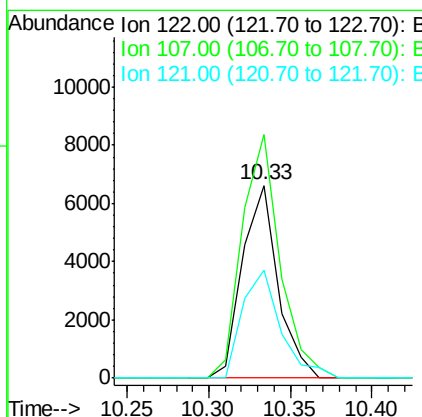
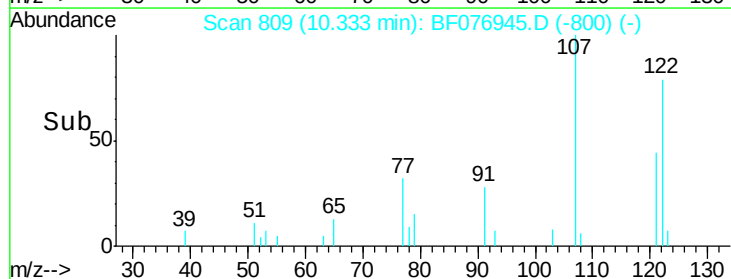
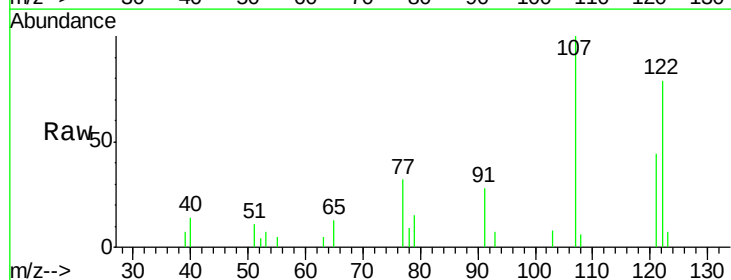
Instrument :
BNA_F
ClientSampleId :

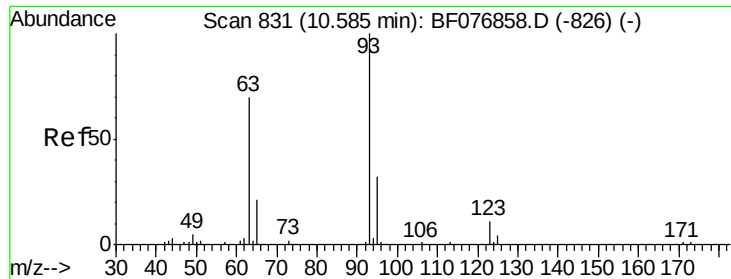
Tot Ion:139 Resp: 5000
Ion Ratio Lower Upper
139 100
109 44.4 21.3 31.9#
65 58.5 39.4 59.0



#27
2,4-Dimethylphenol
Concen: 3.38 ng
RT: 10.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:122 Resp: 10002
Ion Ratio Lower Upper
122 100
107 126.5 95.2 142.8
121 56.0 42.9 64.3

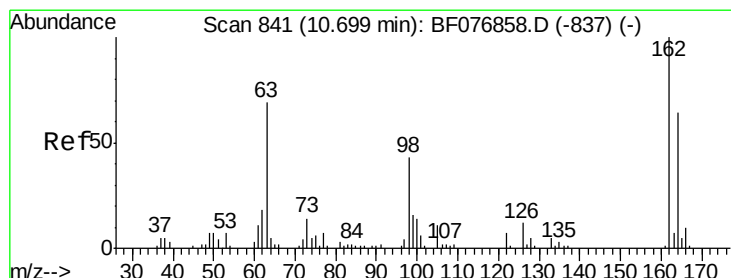
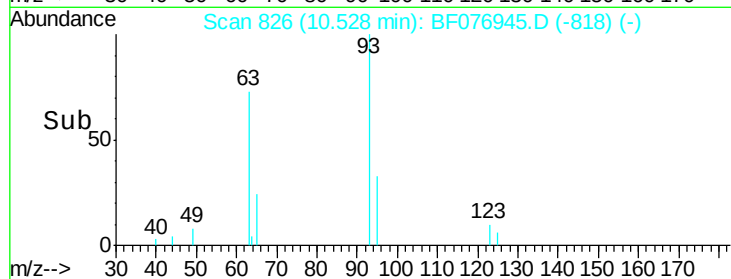
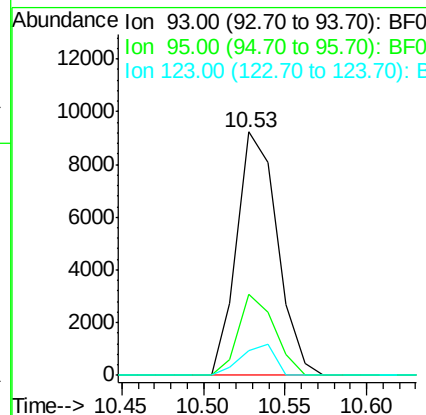
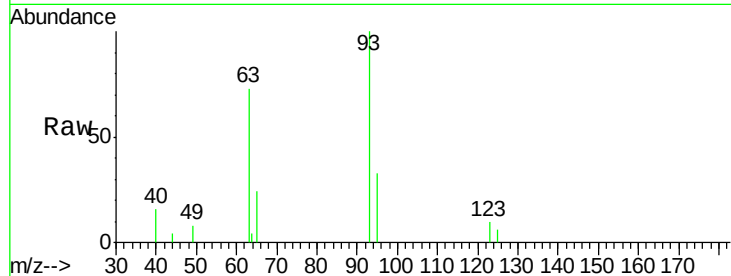




#28
bis(2-Chloroethoxy)methane
Concen: 4.08 ng
RT: 10.53 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

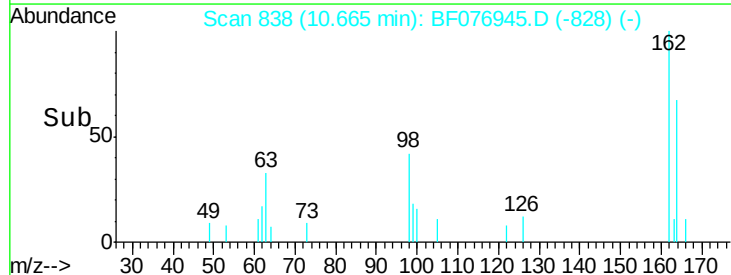
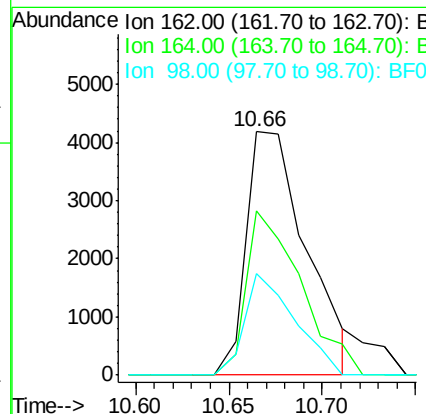
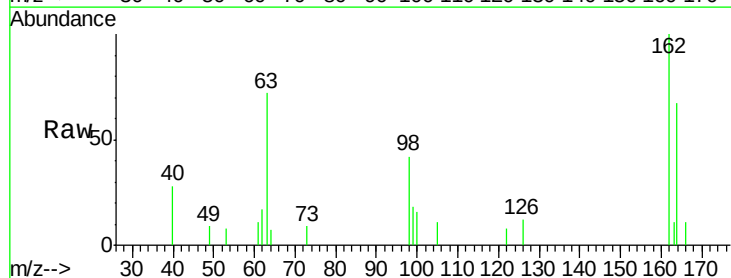
Instrument :
BNA_F
ClientSampleId :

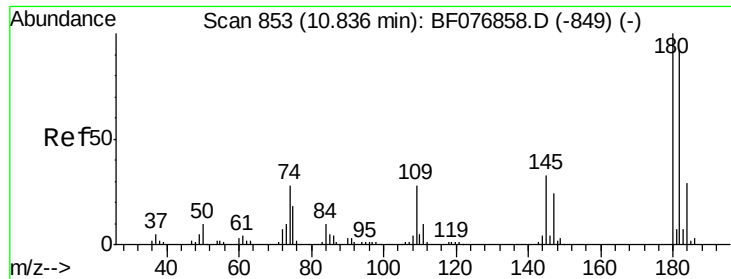
Tot Ion: 93 Resp: 15863
Ion Ratio Lower Upper
93 100
95 33.4 25.6 38.4
123 10.2 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 3.43 ng
RT: 10.66 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion: 162 Resp: 9471
Ion Ratio Lower Upper
162 100
164 67.3 43.8 83.8
98 41.8 22.5 62.5

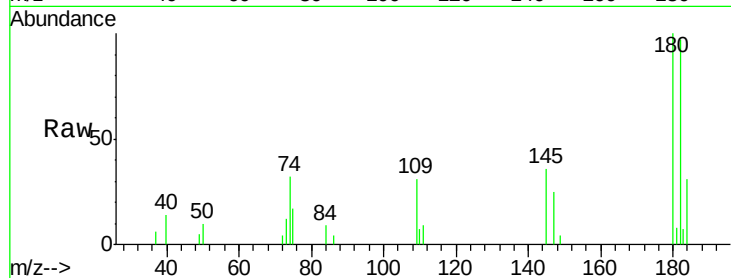




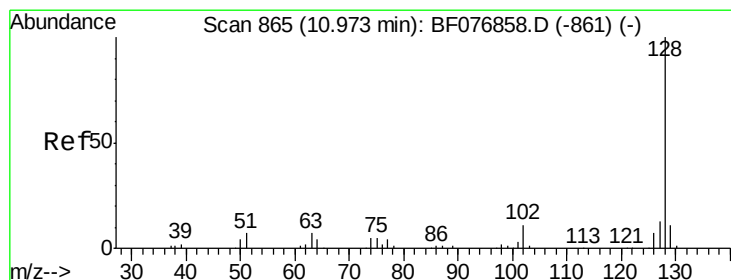
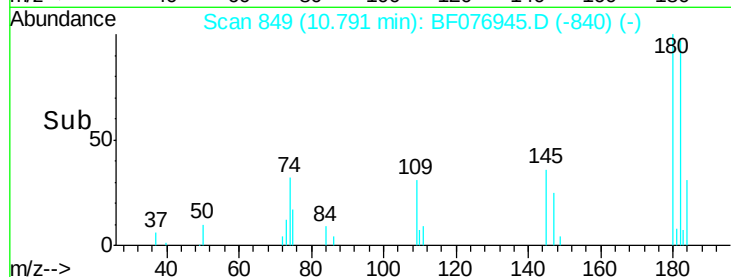
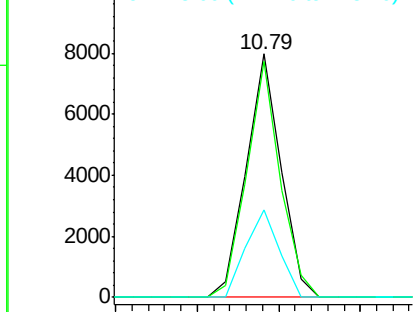
#30
 1,2,4-Trichlorobenzene
 Concen: 3.84 ng
 RT: 10.79 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 11760
 Ion Ratio Lower Upper
 180 100
 182 96.8 73.6 110.4
 145 35.9 26.6 39.8

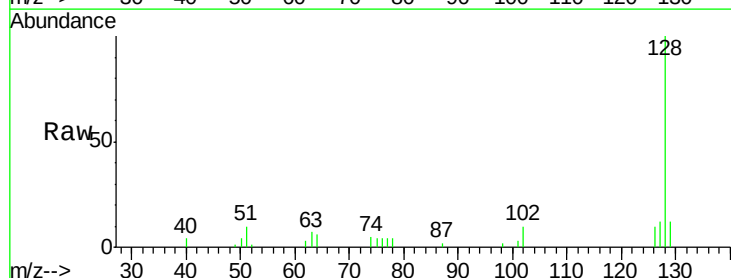


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

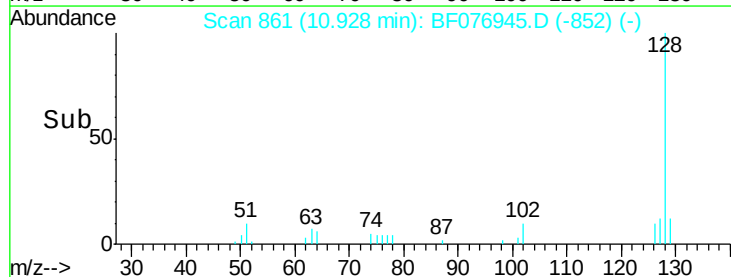
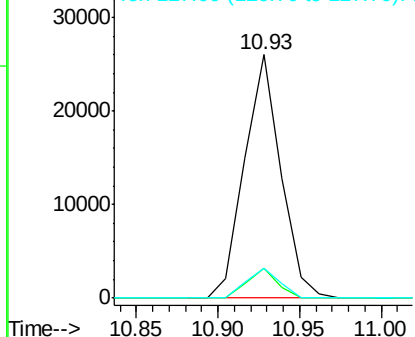


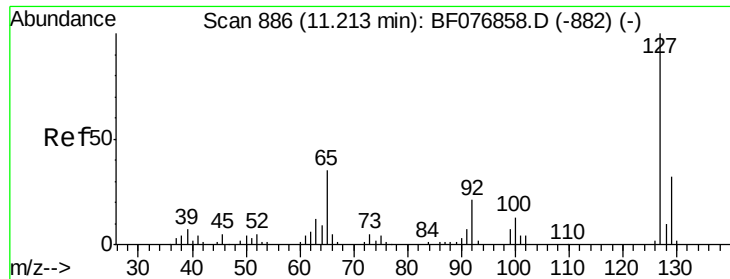
#31
 Naphthalene
 Concen: 3.74 ng
 RT: 10.93 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:128 Resp: 40087
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.0 13.6
 127 12.4 10.2 15.2



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

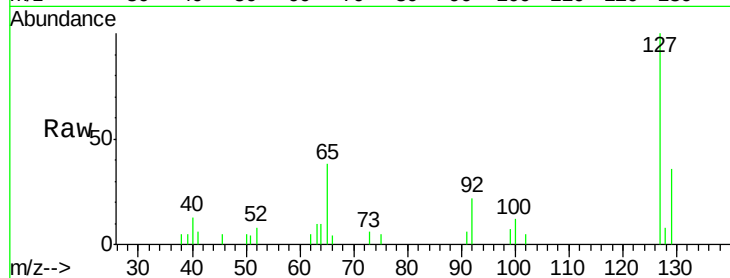




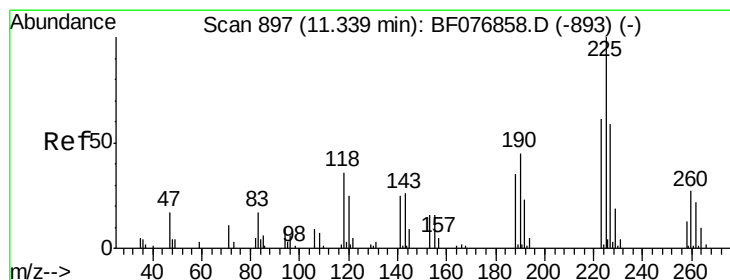
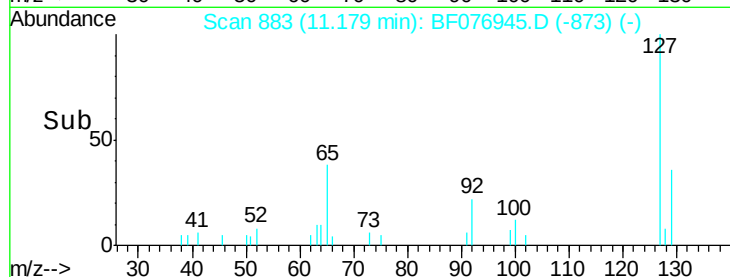
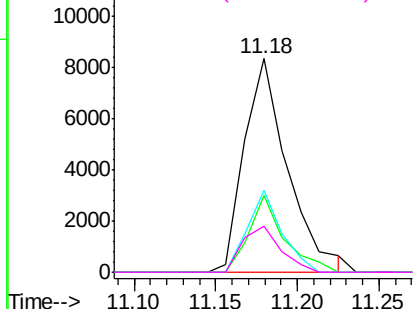
#33
4-Chloroaniline
Concen: 3.54 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	15363
Ion Ratio	Lower	Upper
127	100	
129	35.7	25.3 37.9
65	38.2	27.8 41.6
92	21.7	16.5 24.7

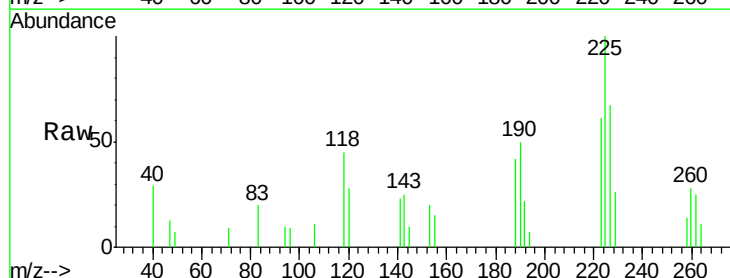


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

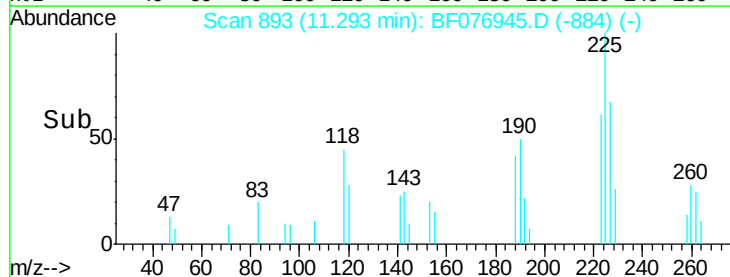
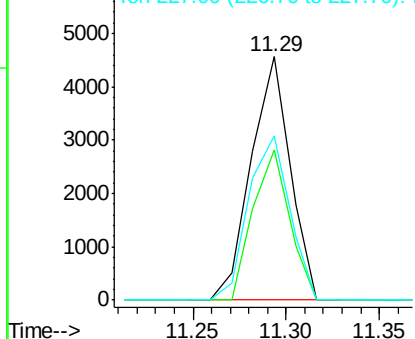


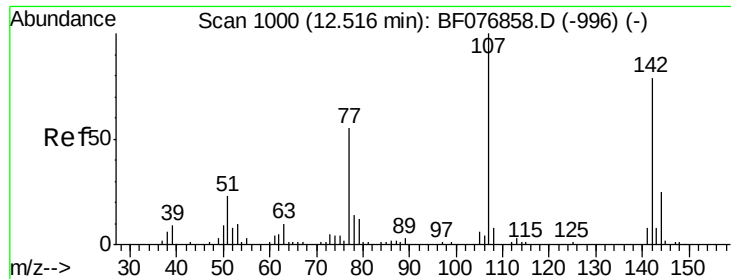
#34
Hexachlorobutadiene
Concen: 3.63 ng
RT: 11.29 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:225	Resp:	6612
Ion Ratio	Lower	Upper
225	100	
223	61.4	49.1 73.7
227	67.3	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

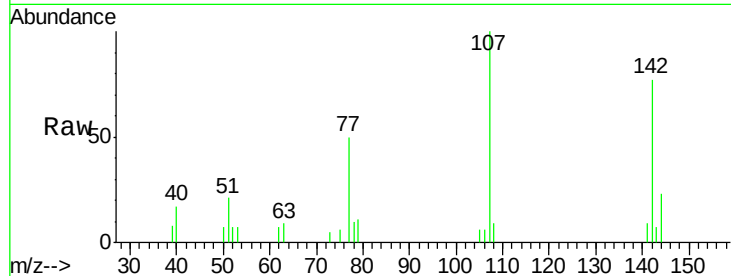




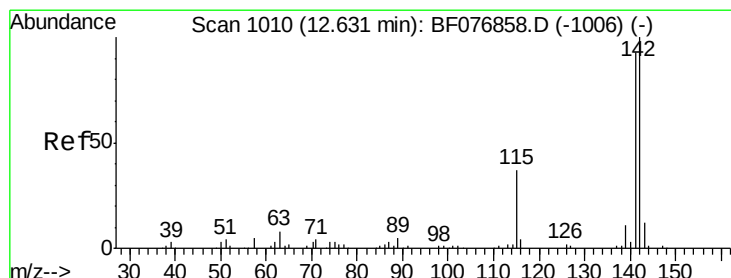
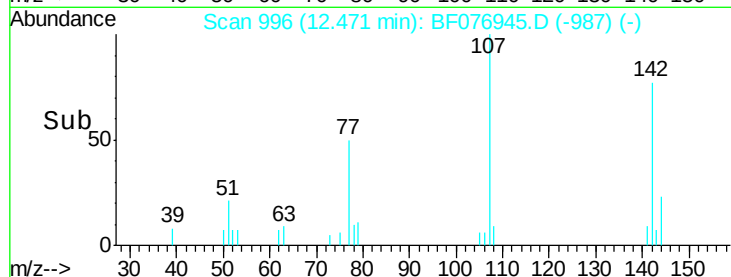
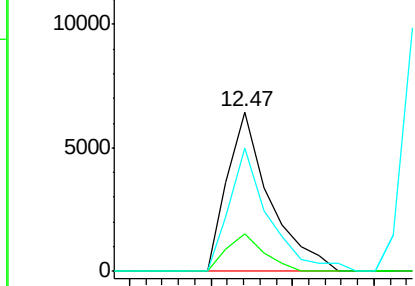
#36
 4-Chloro-3-methylphenol
 Concen: 3.68 ng
 RT: 12.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 11626
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.0 30.0
 142 77.4 63.5 95.3

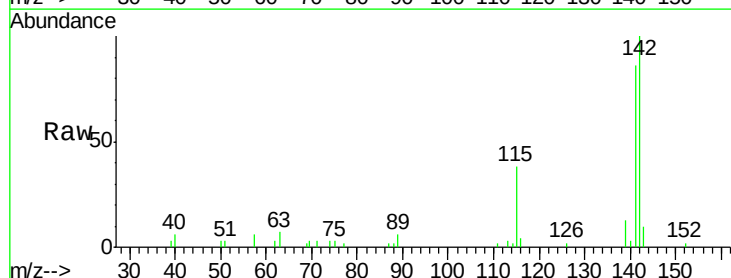


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

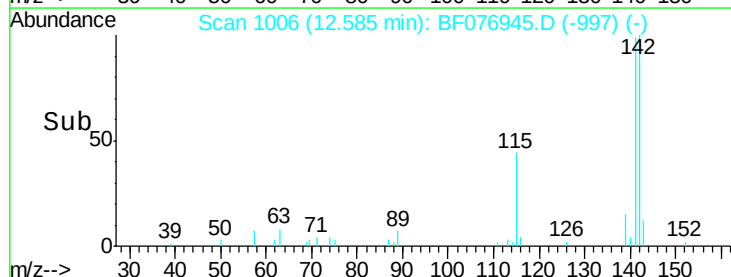
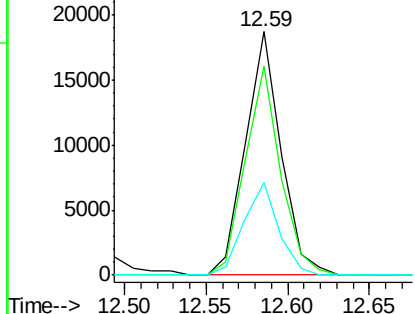


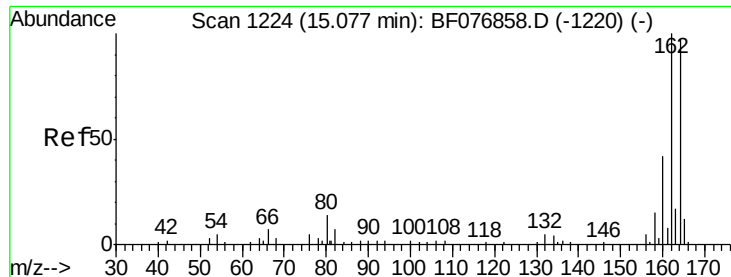
#37
 2-Methylnaphthalene
 Concen: 3.87 ng
 RT: 12.59 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:142 Resp: 28380
 Ion Ratio Lower Upper
 142 100
 141 85.7 74.5 111.7
 115 38.1 29.7 44.5



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

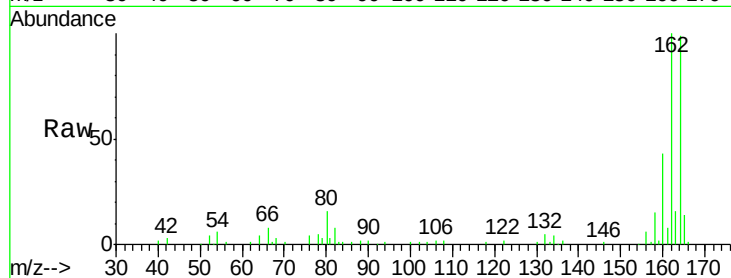
Tot Ion:164 Resp: 114449

Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

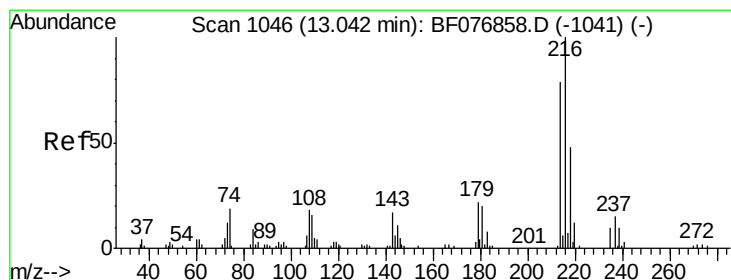
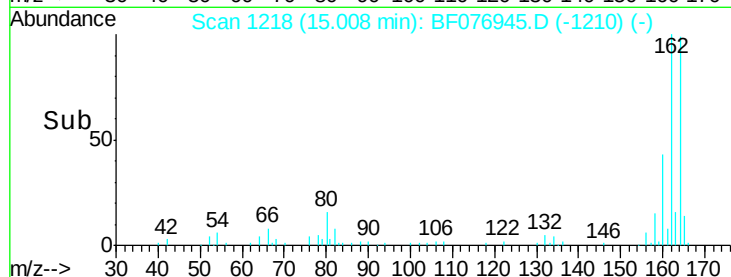
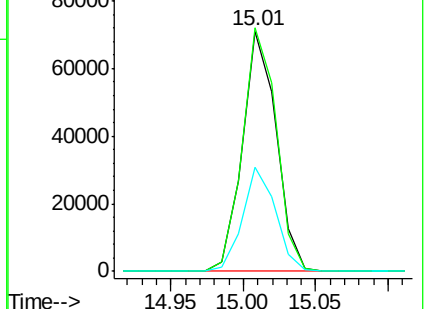
160 43.4 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.91 ng

RT: 12.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Tgt Ion:216 Resp: 11063

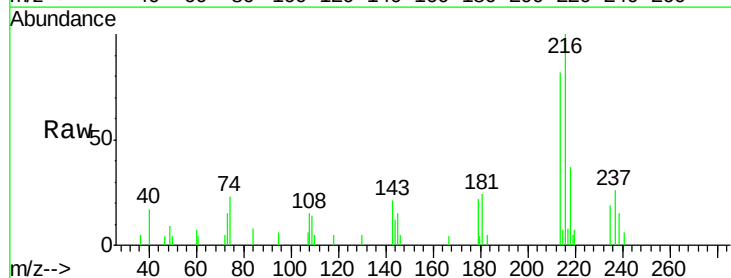
Ion Ratio Lower Upper

216 100

214 79.6 64.9 97.3

179 22.1 18.6 28.0

108 20.6 18.1 27.1

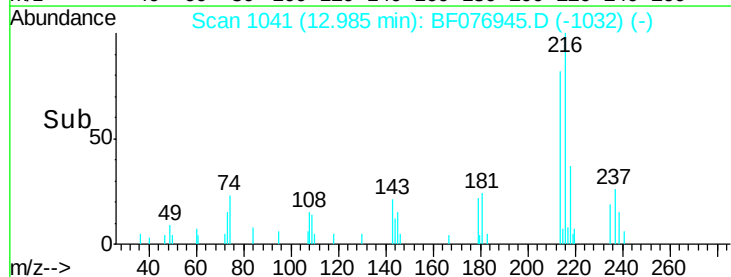
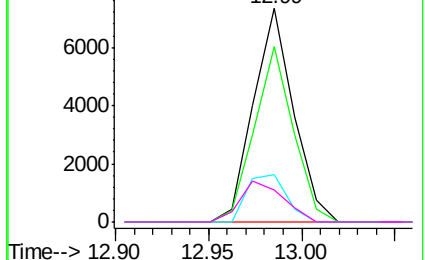


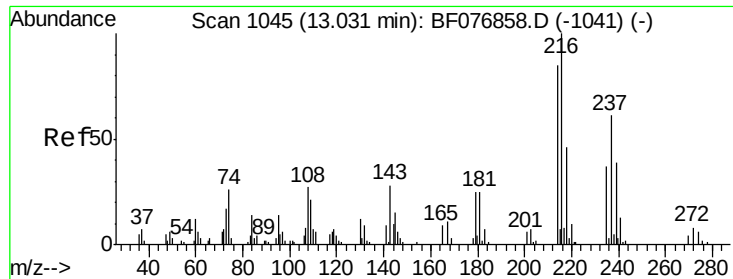
Abundance Ion 216.00 (215.70 to 216.70): E

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

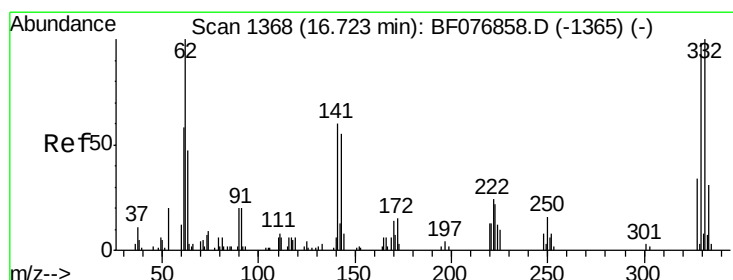
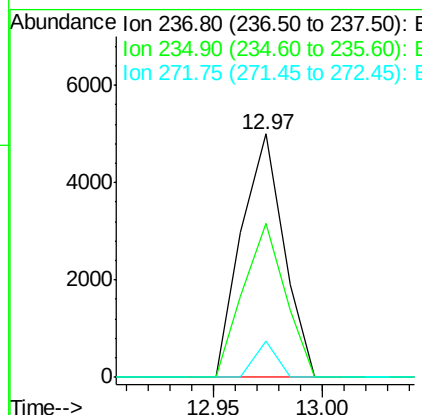
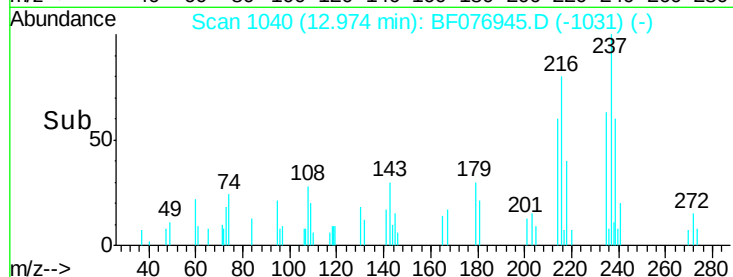
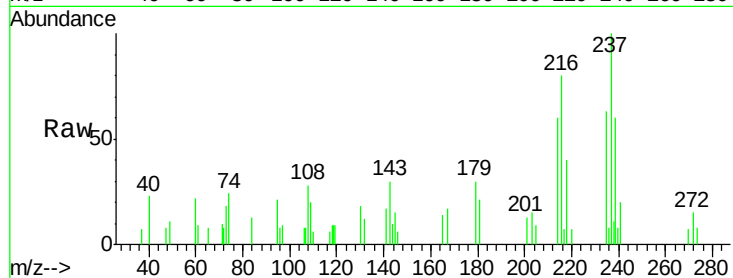




#40
Hexachlorocyclopentadiene
Concen: 8.78 ng
RT: 12.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

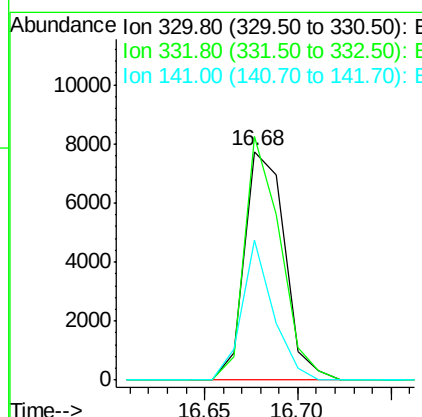
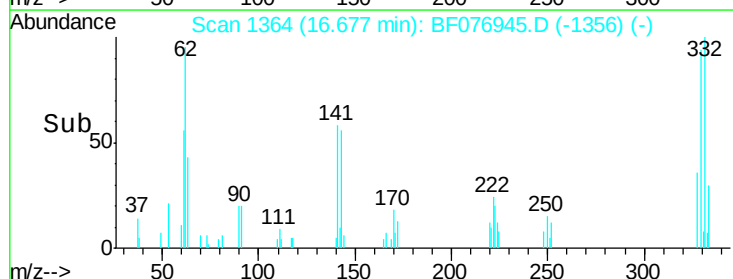
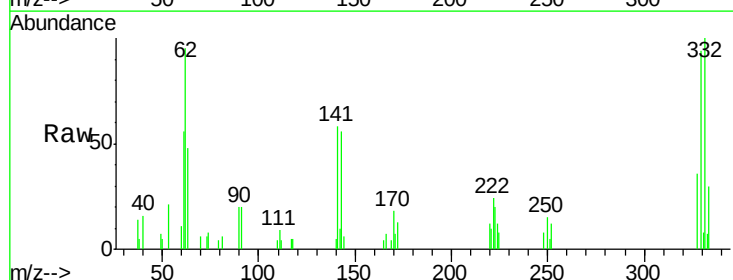
Instrument :
BNA_F
ClientSampleId :

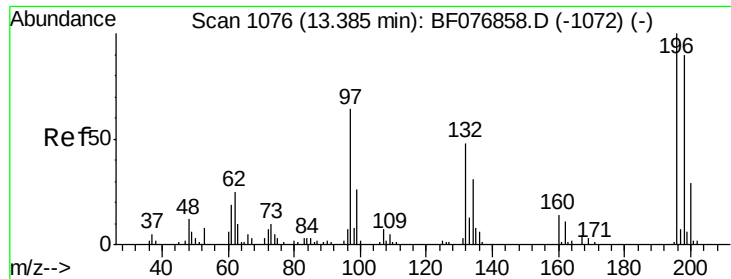
Tot Ion: 237 Resp: 6783
Ion Ratio Lower Upper
237 100
235 63.1 40.4 80.4
272 15.0 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 12.47 ng
RT: 16.68 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion: 330 Resp: 11582
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.6
141 48.2 38.5 57.7

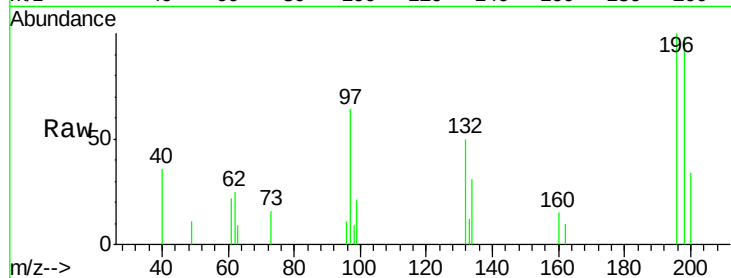




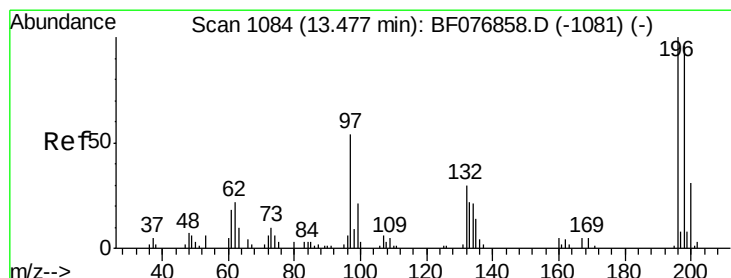
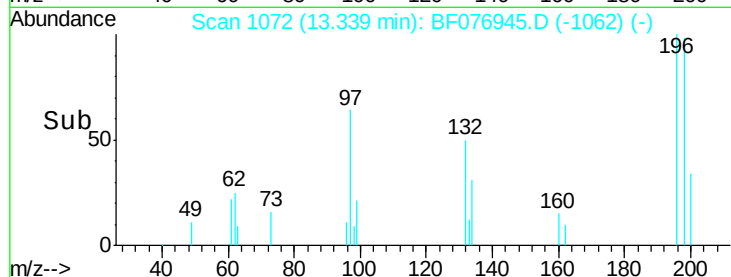
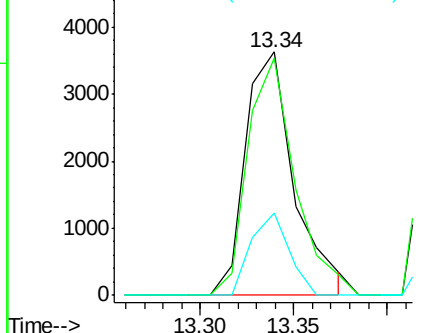
#42
 2,4,6-Trichlorophenol
 Concen: 3.19 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 6582
 Ion Ratio Lower Upper
 196 100
 198 97.5 72.0 108.0
 200 34.0 23.4 35.2

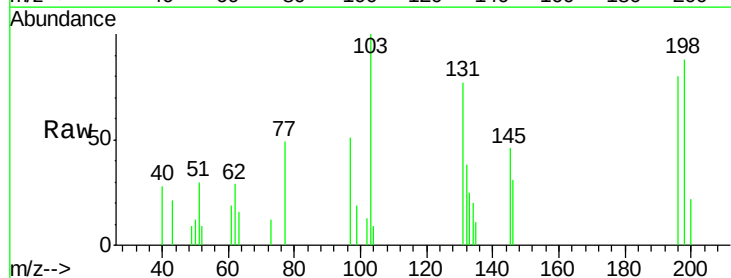


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

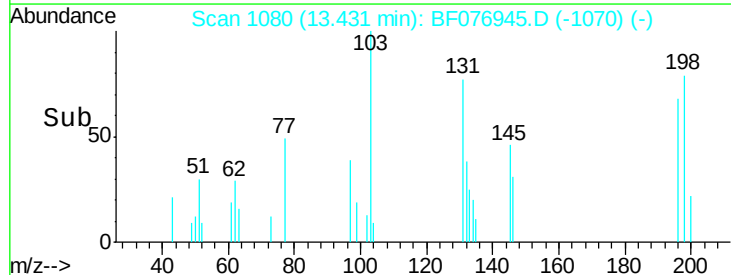
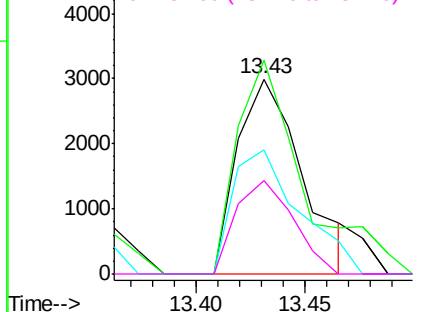


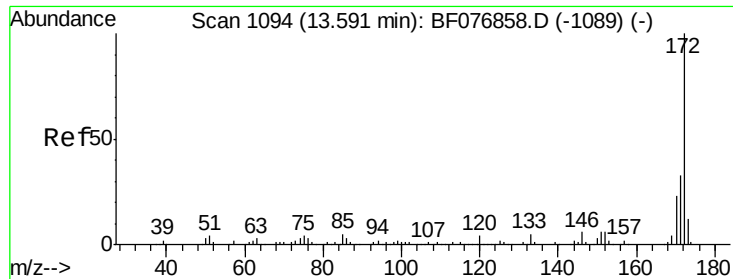
#43
 2,4,5-Trichlorophenol
 Concen: 2.97 ng
 RT: 13.43 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:196 Resp: 6236
 Ion Ratio Lower Upper
 196 100
 198 109.6 76.6 115.0
 97 63.5 43.4 65.0
 132 47.7 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

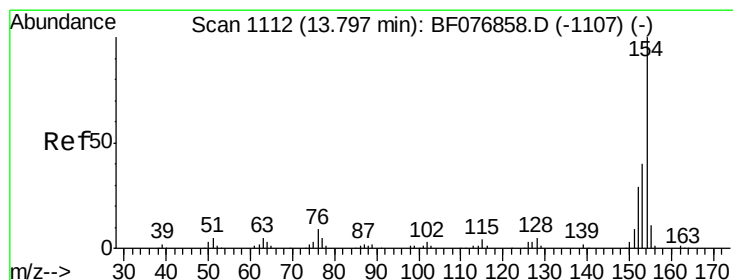
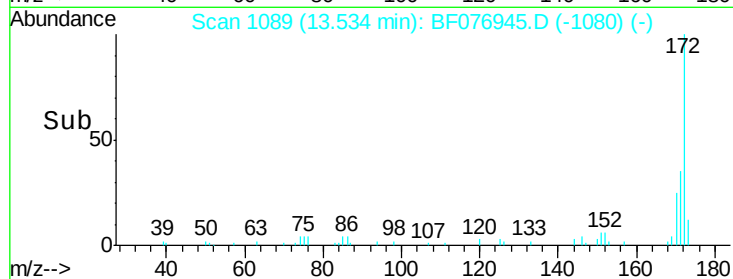
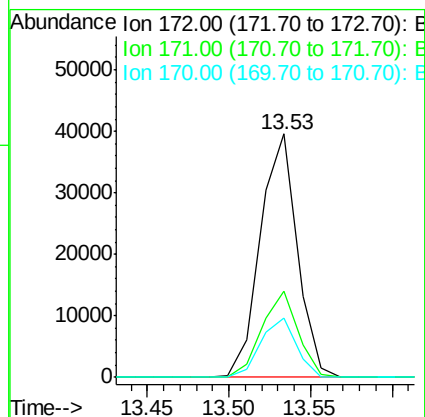
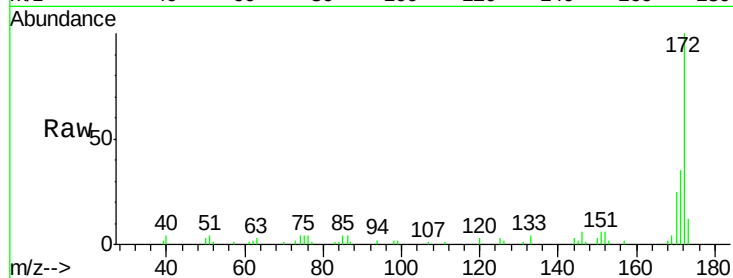




#44
2-Fluorobiphenyl
Concen: 8.34 ng
RT: 13.53 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

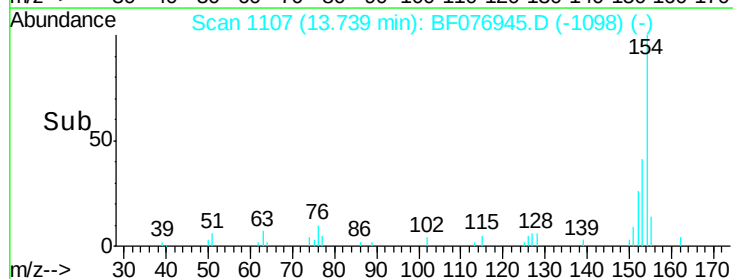
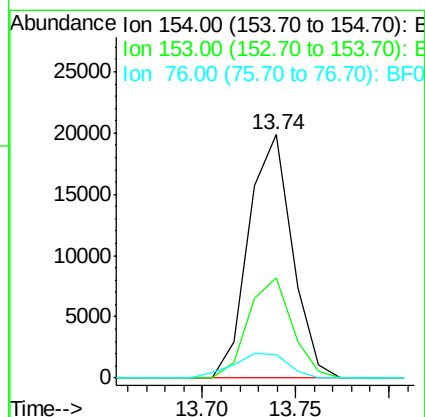
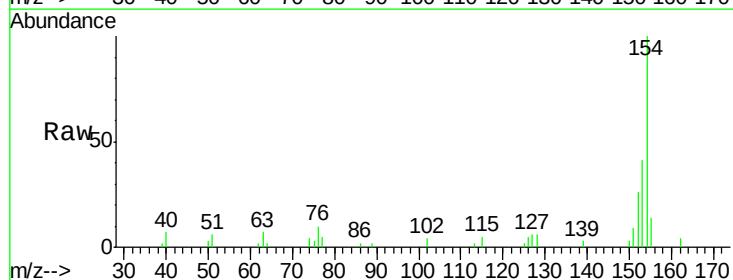
Instrument :
BNA_F
ClientSampled :

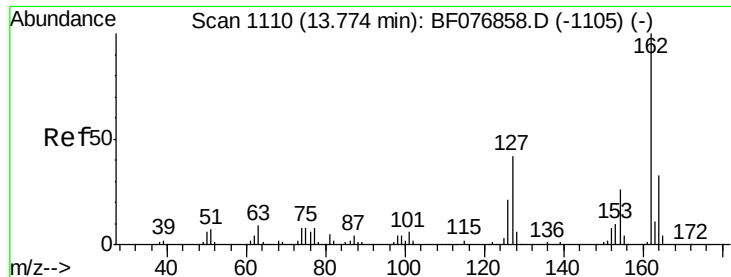
Tot Ion:172 Resp: 62707
Ion Ratio Lower Upper
172 100
171 35.2 26.6 40.0
170 24.5 18.0 27.0



#45
1,1'-Biphenyl
Concen: 3.80 ng
RT: 13.74 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:154 Resp: 32221
Ion Ratio Lower Upper
154 100
153 41.3 20.2 60.2
76 9.5 0.0 29.0

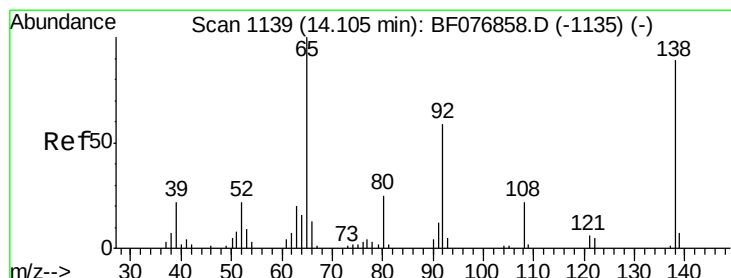
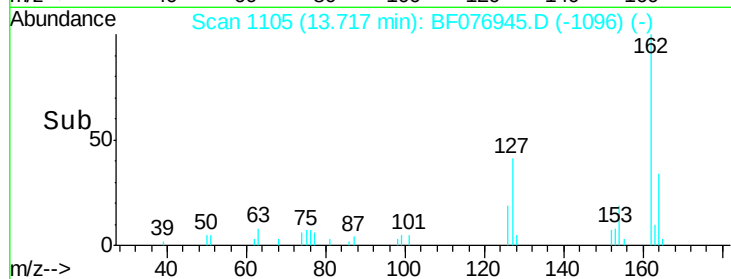
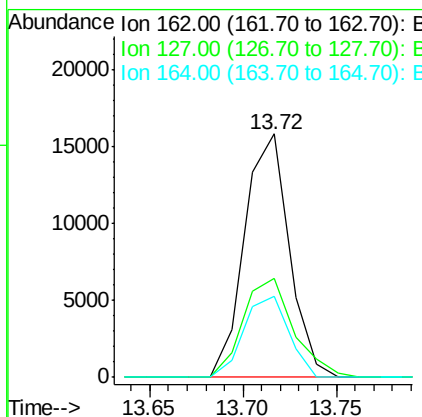
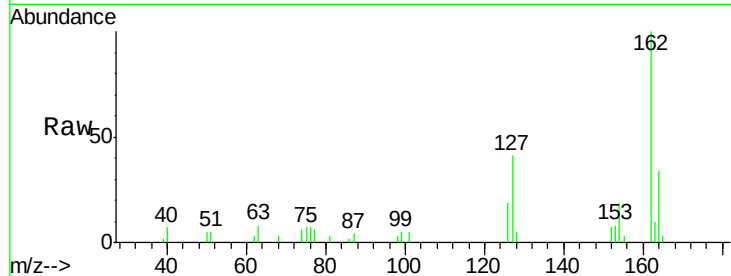




#46
2-Chloronaphthalene
Concen: 3.76 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

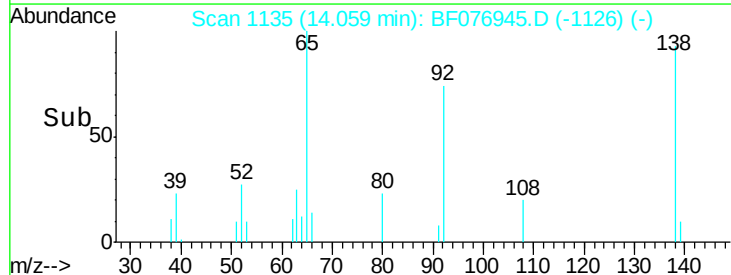
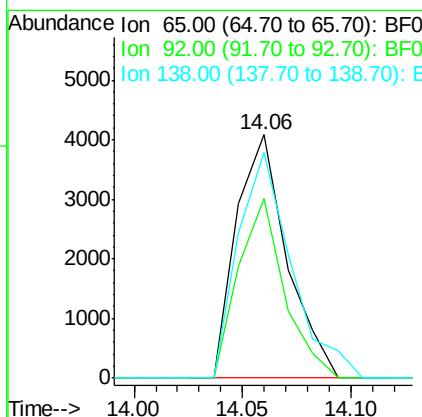
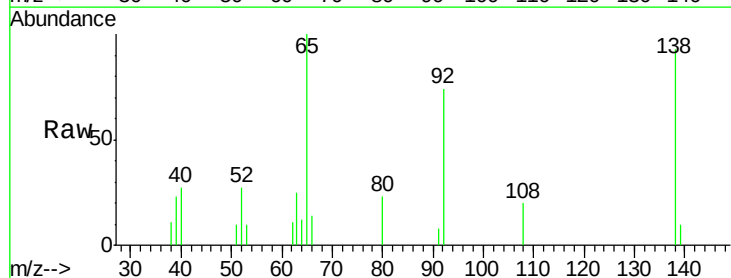
Instrument :
BNA_F
ClientSampleId :

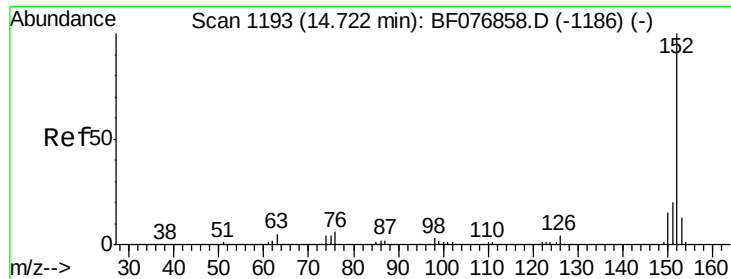
Tot Ion:162 Resp: 26261
Ion Ratio Lower Upper
162 100
127 40.7 33.8 50.6
164 33.5 26.8 40.2



#47
2-Nitroaniline
Concen: 3.11 ng
RT: 14.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion: 65 Resp: 6596
Ion Ratio Lower Upper
65 100
92 73.9 47.3 70.9#
138 92.8 71.4 107.2





#48

Acenaphthylene

Concen: 3.45 ng

RT: 14.67 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

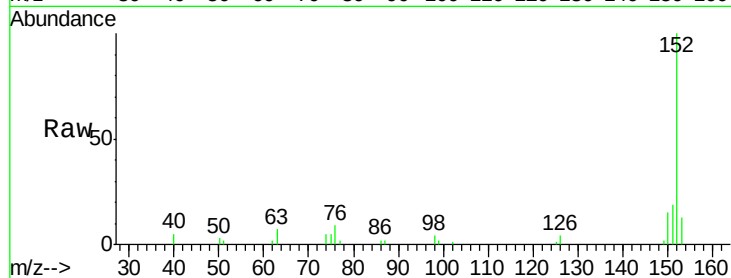
Tot Ion:152 Resp: 40689

Ion Ratio Lower Upper

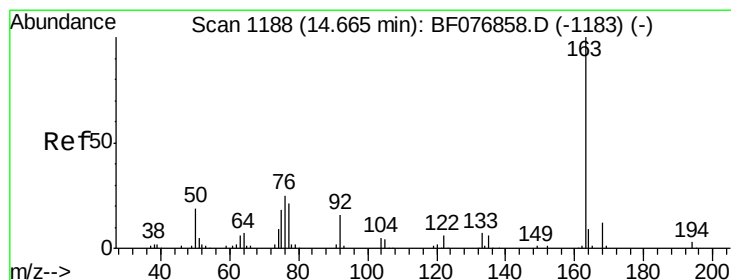
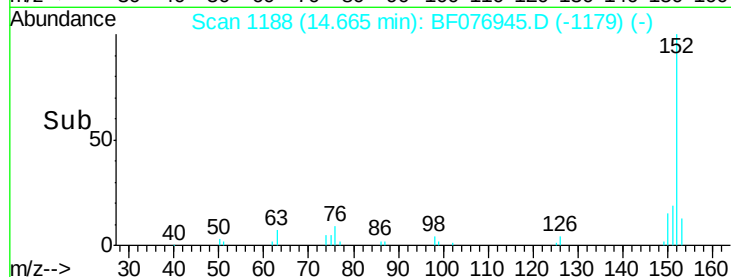
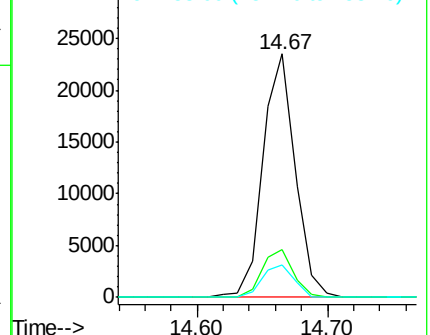
152 100

151 19.4 15.9 23.9

153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.74 ng

RT: 14.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

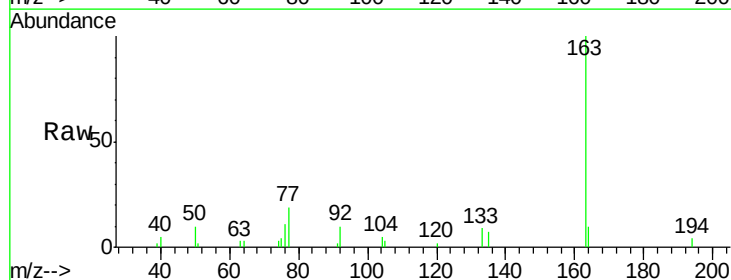
Tgt Ion:163 Resp: 30317

Ion Ratio Lower Upper

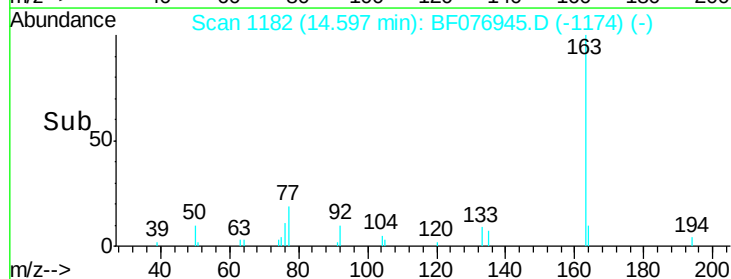
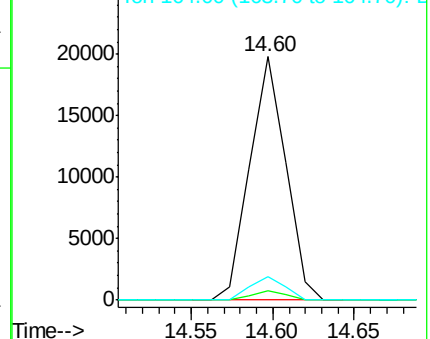
163 100

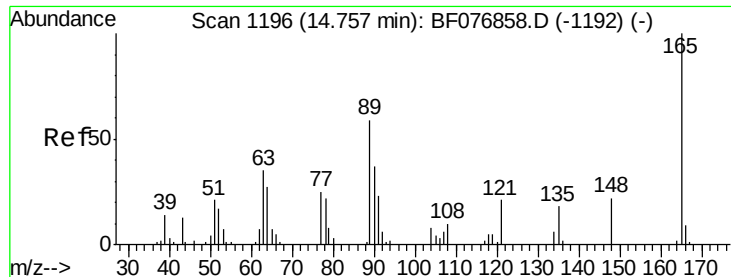
194 3.6 2.6 4.0

164 9.9 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

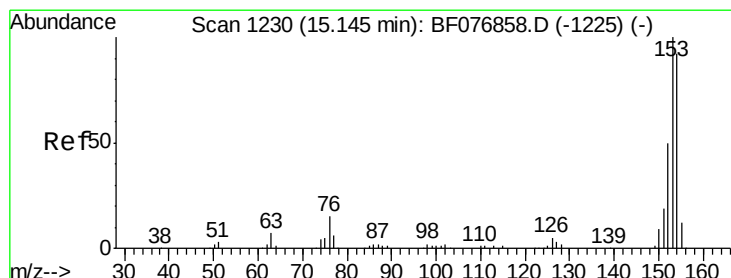
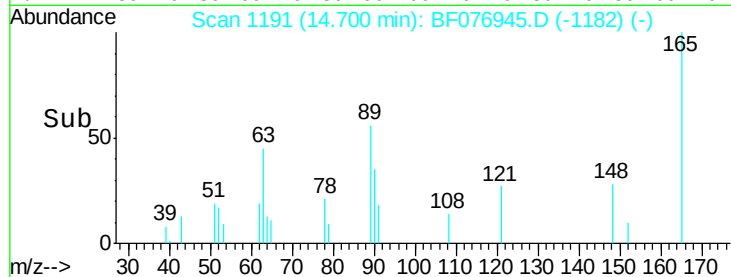
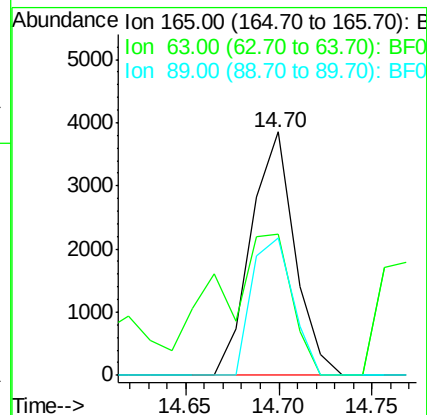
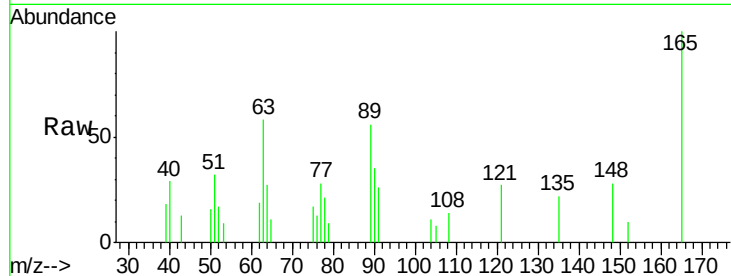




#50
 2,6-Dinitrotoluene
 Concen: 3.87 ng
 RT: 14.70 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

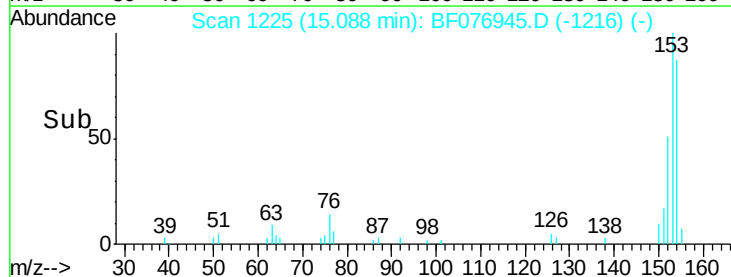
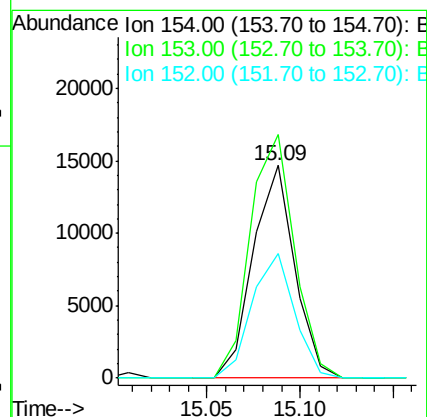
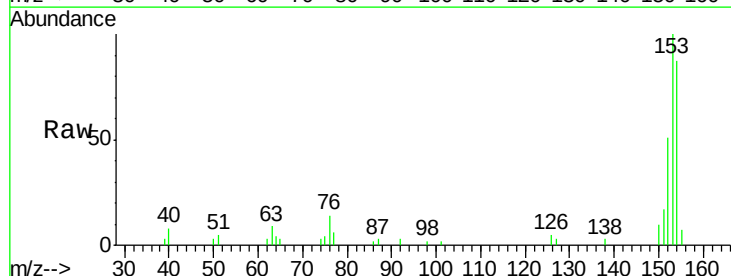
Instrument :
 BNA_F
 ClientSampleId :

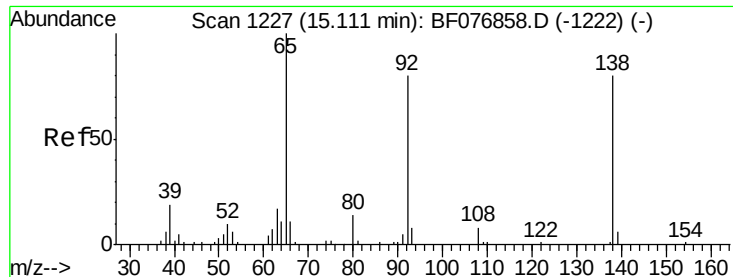
Tot Ion:165 Resp: 6276
 Ion Ratio Lower Upper
 165 100
 63 58.2 48.1 72.1
 89 56.3 47.2 70.8



#51
 Acenaphthene
 Concen: 3.39 ng
 RT: 15.09 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:154 Resp: 22651
 Ion Ratio Lower Upper
 154 100
 153 114.6 87.0 130.6
 152 58.5 43.5 65.3

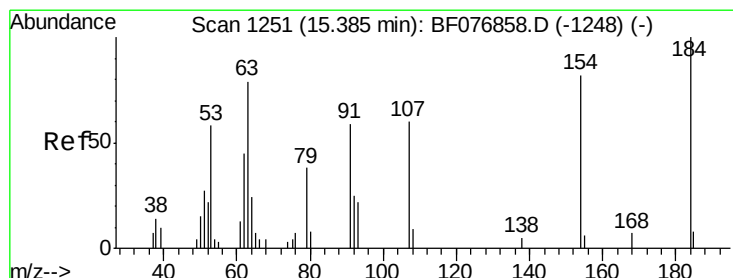
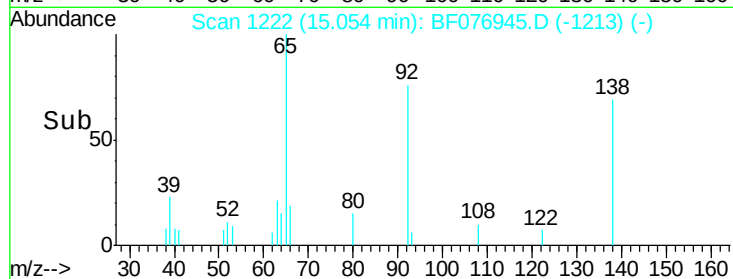
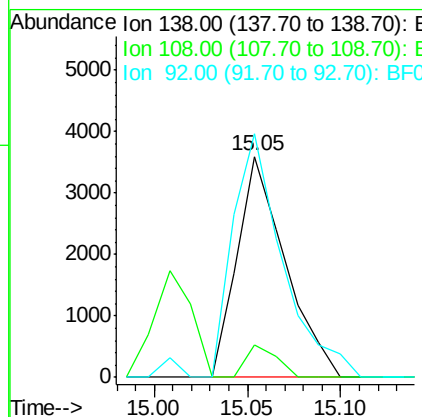
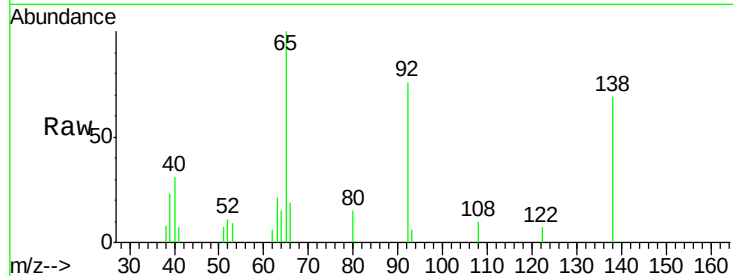




#52
 3-Nitroaniline
 Concen: 4.76 ng
 RT: 15.05 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

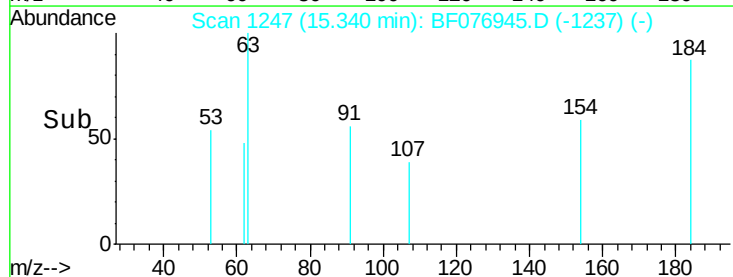
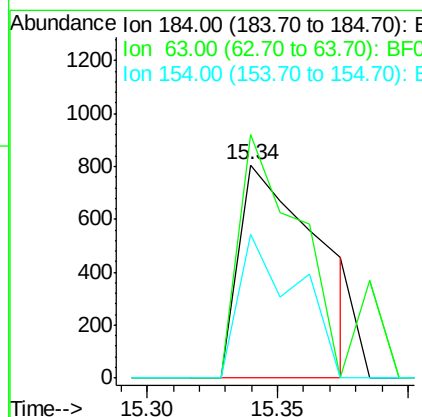
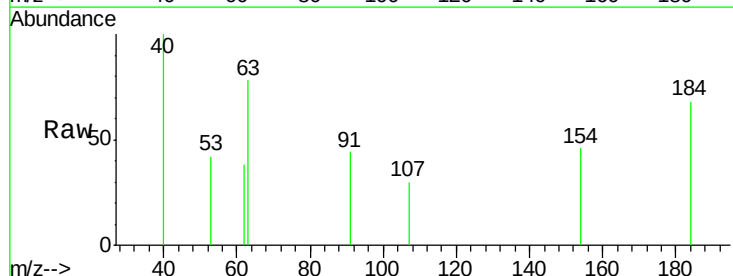
Instrument :
 BNA_F
 ClientSampleId :

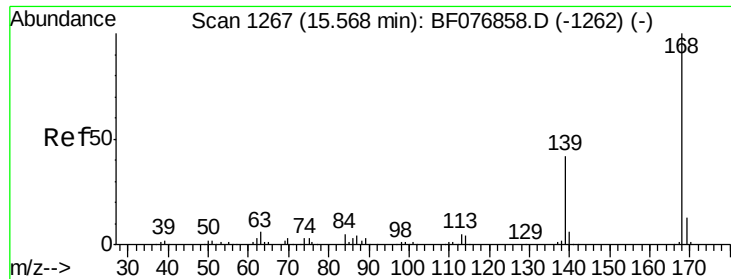
Tot Ion:138 Resp: 6476
 Ion Ratio Lower Upper
 138 100
 108 14.8 8.3 12.5#
 92 110.1 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 13.67 ng
 RT: 15.34 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:184 Resp: 1710
 Ion Ratio Lower Upper
 184 100
 63 114.4 63.0 94.6#
 154 67.7 65.5 98.3

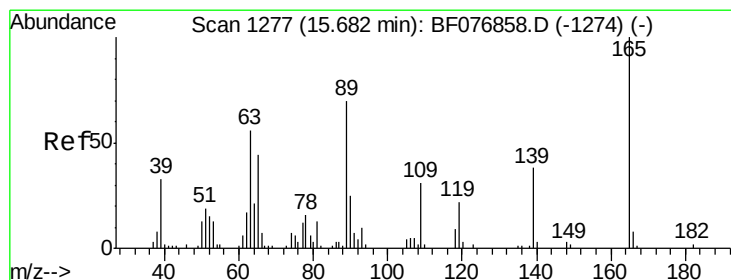
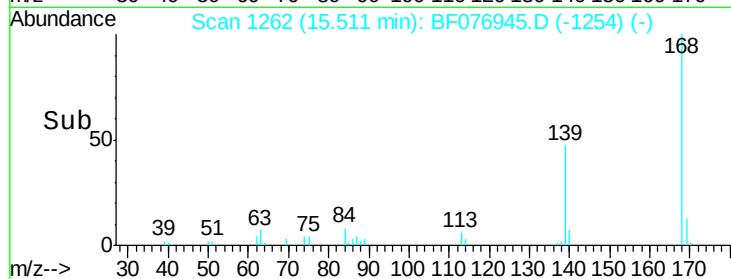
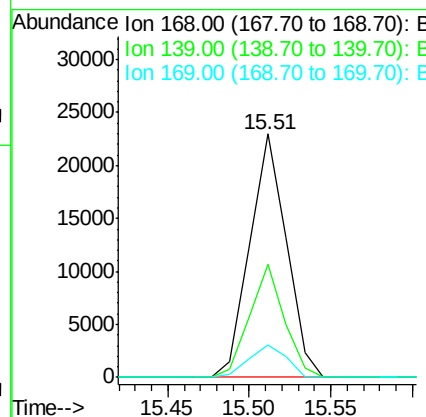
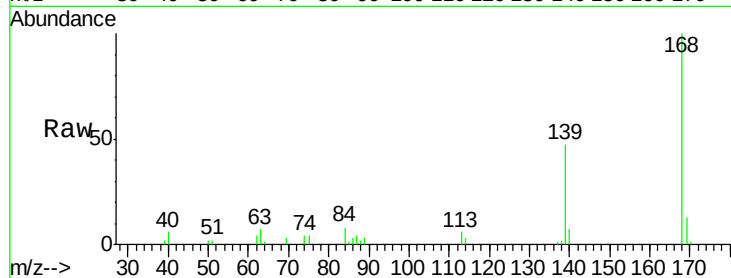




#54
Dibenzenofuran
Concen: 3.67 ng
RT: 15.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

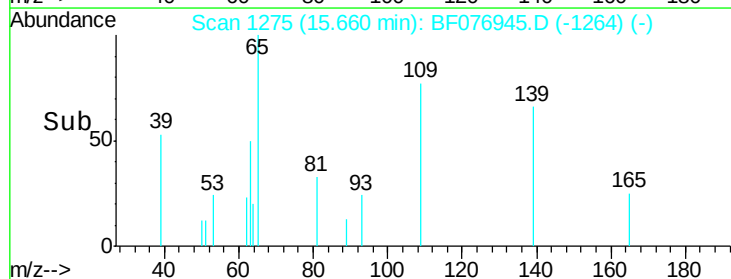
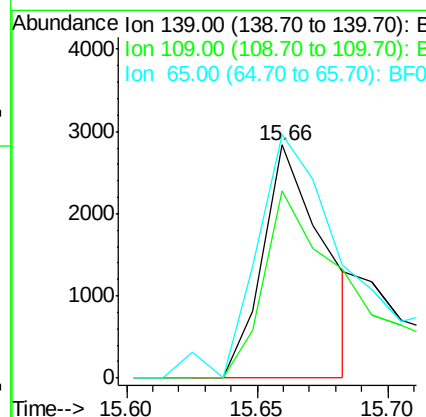
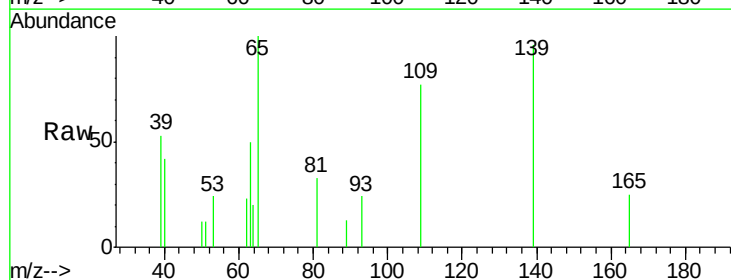
Instrument :
BNA_F
ClientSampleId :

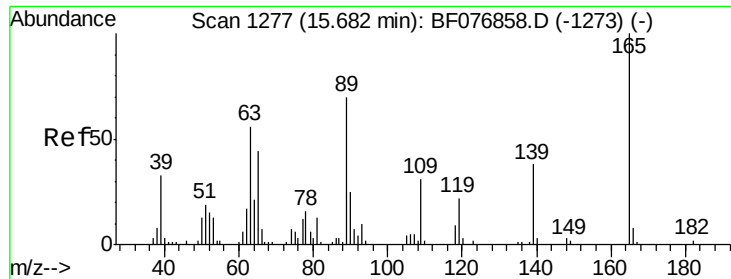
Tot Ion:168 Resp: 35763
Ion Ratio Lower Upper
168 100
139 46.5 33.4 50.2
169 13.2 10.6 15.8



#55
4-Nitrophenol
Concen: 3.67 ng
RT: 15.66 min Scan# 1275
Delta R.T. 0.02 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:139 Resp: 4672
Ion Ratio Lower Upper
139 100
109 80.5 61.0 101.0
65 104.4 96.6 136.6

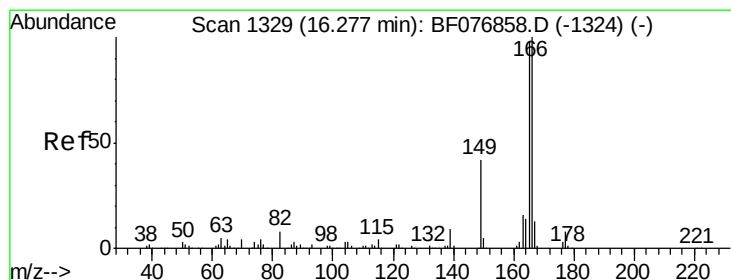
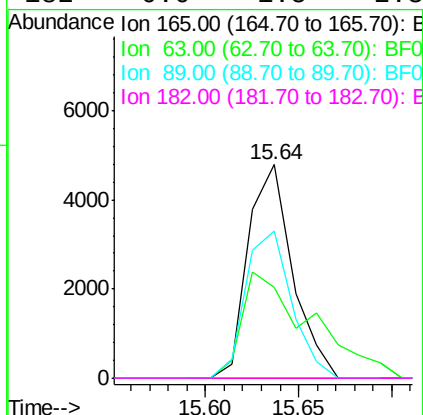
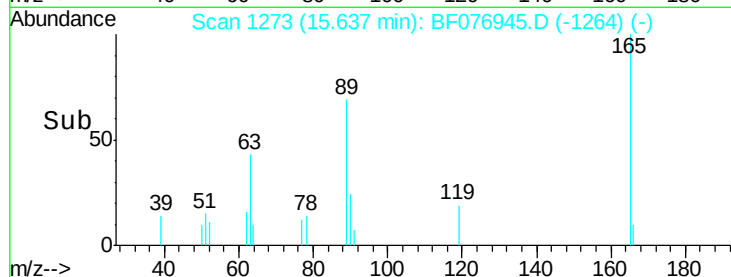
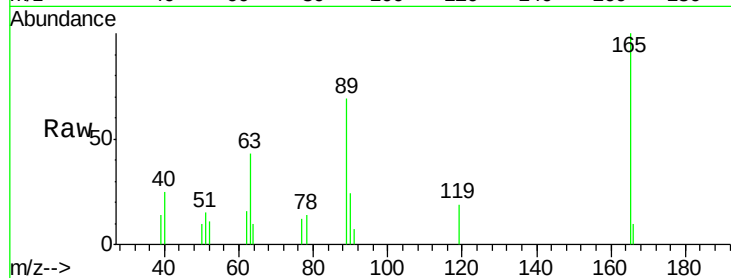




#56
2,4-Dinitrotoluene
Concen: 5.23 ng
RT: 15.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

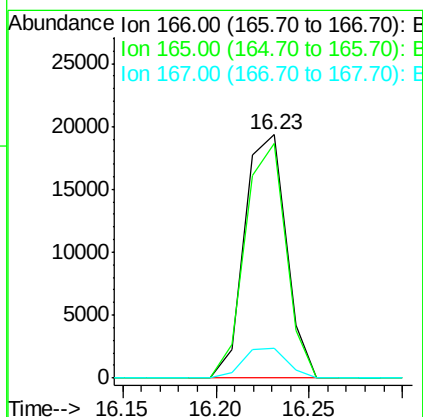
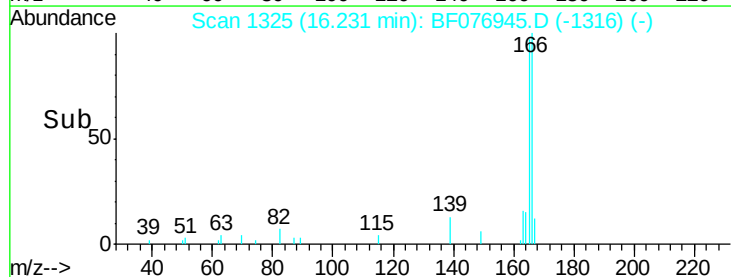
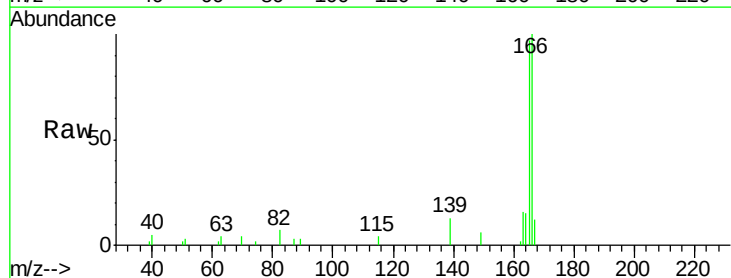
Instrument :
BNA_F
ClientSampleId :

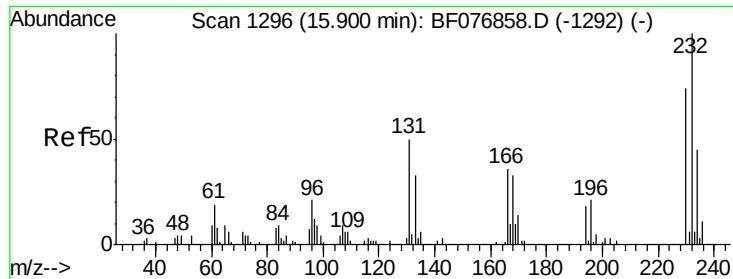
Tot Ion:165 Resp: 7926
Ion Ratio Lower Upper
165 100
63 42.6 44.8 67.2#
89 69.1 56.2 84.2
182 0.0 1.5 2.3#



#57
Fluorene
Concen: 3.62 ng
RT: 16.23 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:166 Resp: 29831
Ion Ratio Lower Upper
166 100
165 96.6 78.5 117.7
167 12.4 10.4 15.6

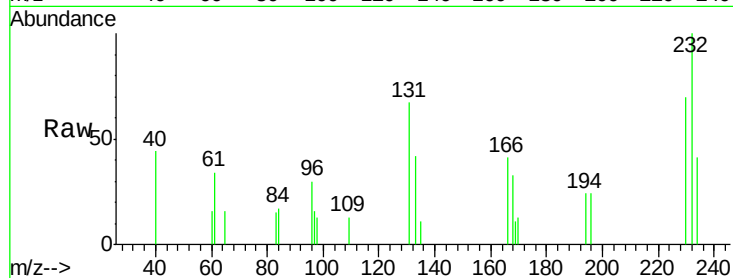




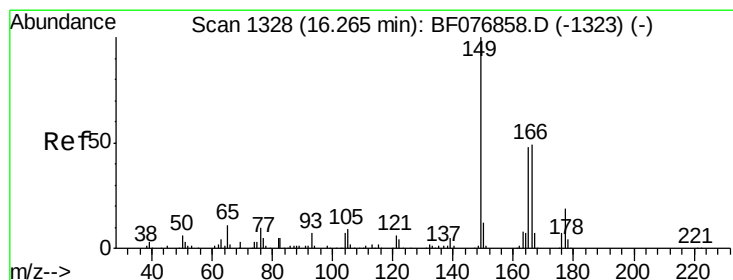
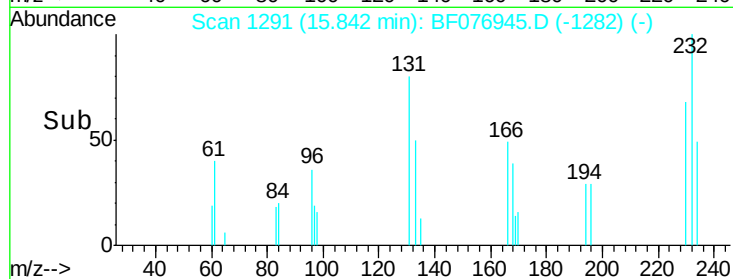
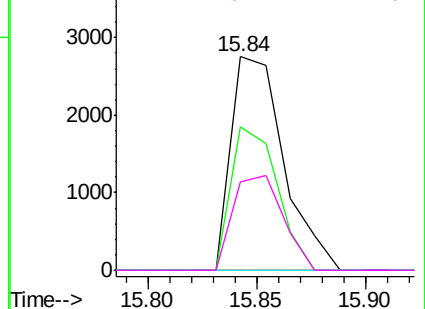
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.03 ng
 RT: 15.84 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 4636
 Ion Ratio Lower Upper
 232 100
 131 58.6 45.0 67.6
 130 0.0 2.6 3.8#
 166 42.0 30.9 46.3

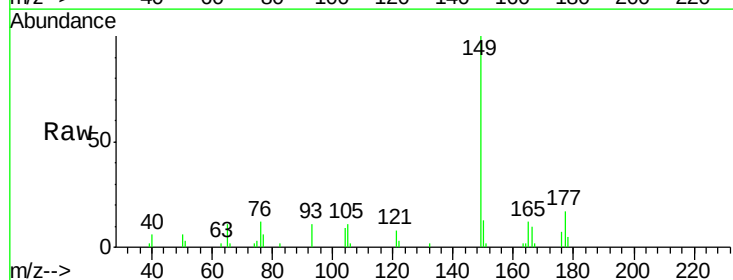


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

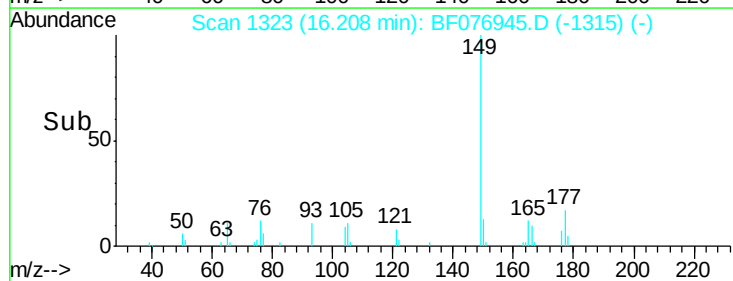
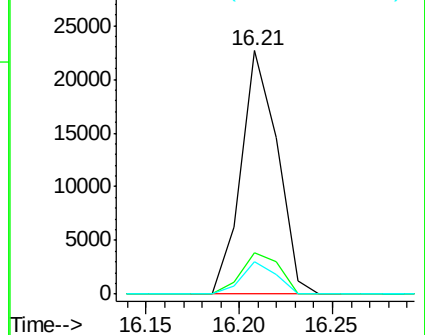


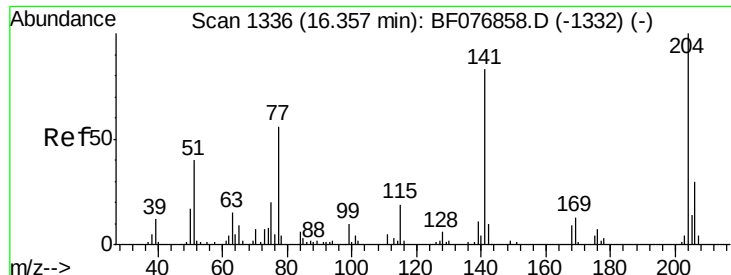
#59
 Diethylphthalate
 Concen: 3.74 ng
 RT: 16.21 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:149 Resp: 30658
 Ion Ratio Lower Upper
 149 100
 177 17.1 15.0 22.6
 150 13.4 9.4 14.0



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

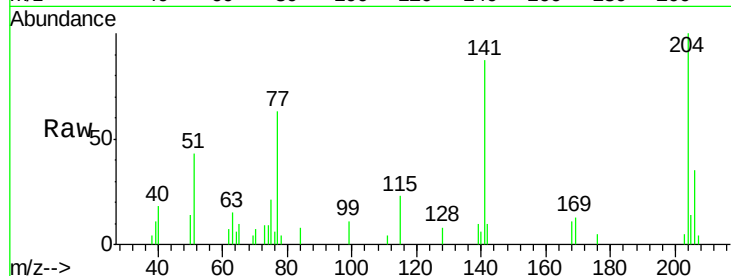




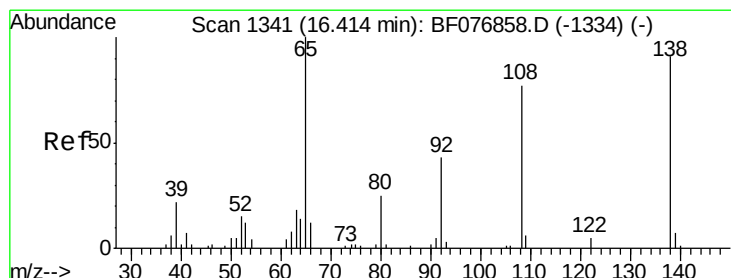
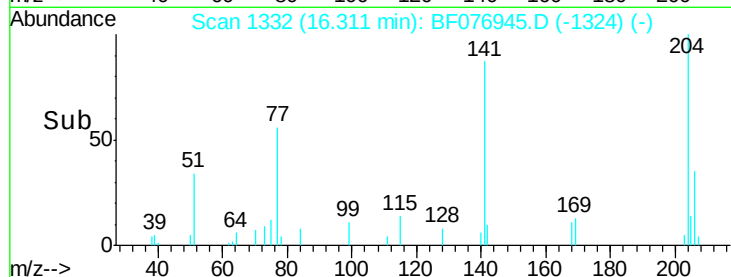
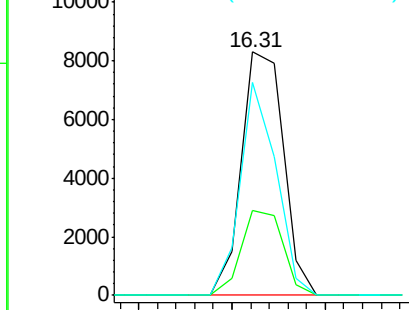
#60
 4-Chlorophenyl-phenylether
 Concen: 3.84 ng
 RT: 16.31 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 12955
 Ion Ratio Lower Upper
 204 100
 206 34.9 24.2 36.2
 141 87.4 66.7 100.1

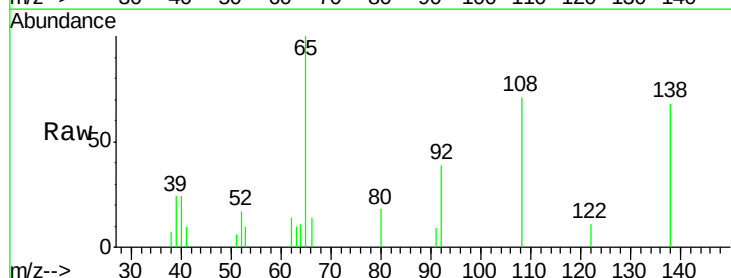


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

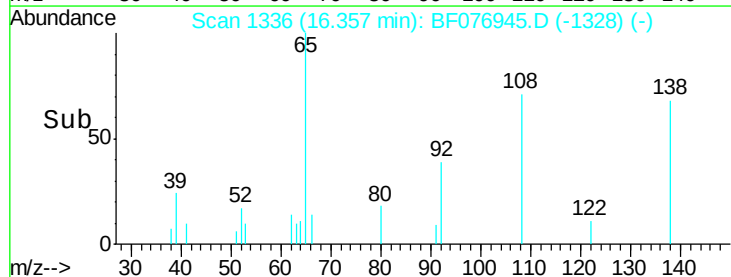
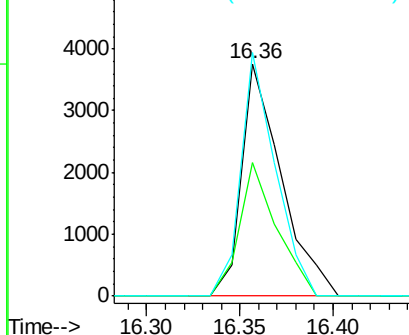


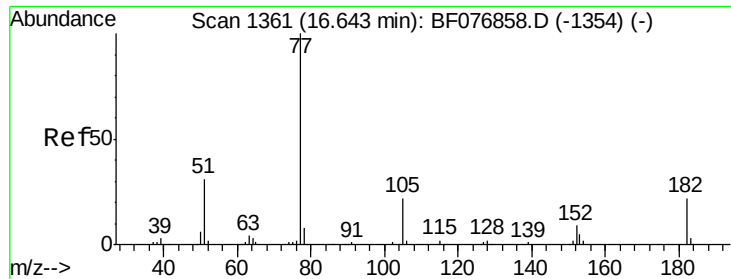
#61
 4-Nitroaniline
 Concen: 4.07 ng
 RT: 16.36 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:138 Resp: 5576
 Ion Ratio Lower Upper
 138 100
 92 57.2 26.7 66.7
 108 104.6 64.5 104.5#



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





#62

Azobenzene

Concen: 3.48 ng

RT: 16.60 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 29779

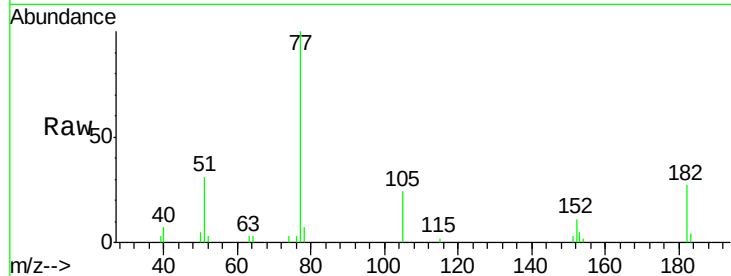
Ion Ratio Lower Upper

77 100

182 27.0 2.0 42.0

105 24.1 2.3 42.3

51 31.0 10.7 50.7

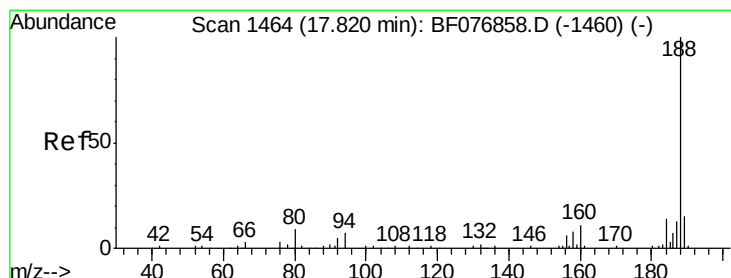
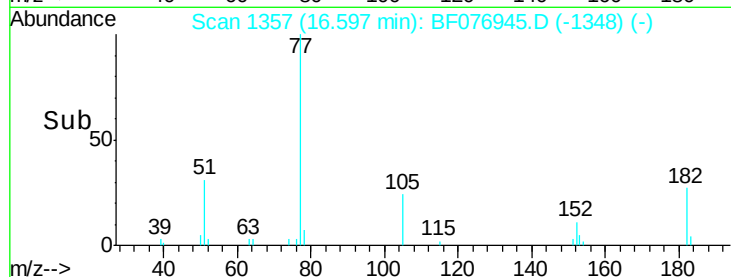
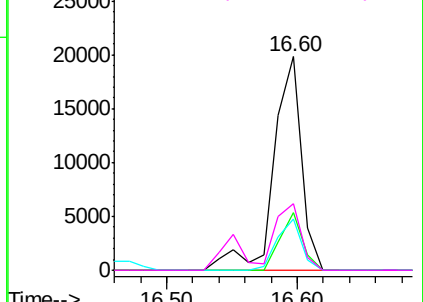


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.77 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

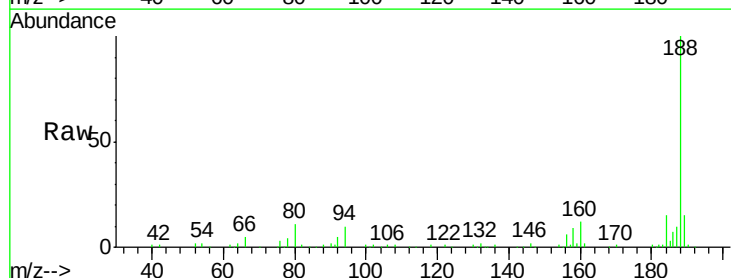
Tgt Ion: 188 Resp: 188280

Ion Ratio Lower Upper

188 100

94 9.7 6.0 9.0#

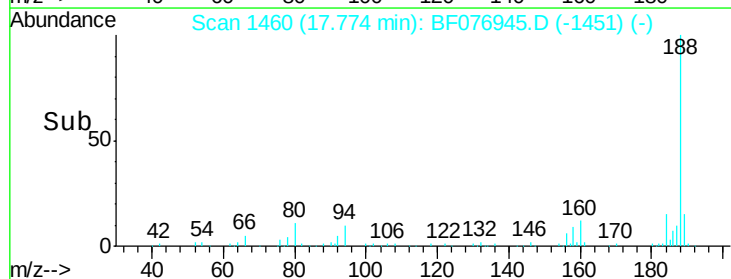
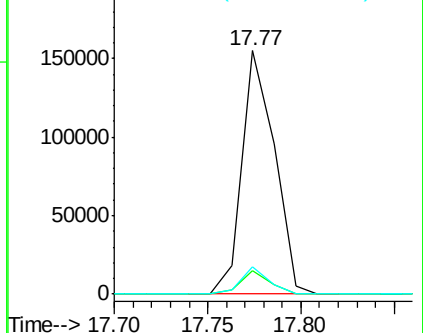
80 11.4 6.9 10.3#

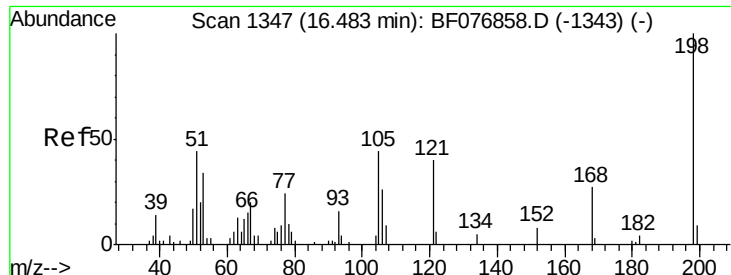


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

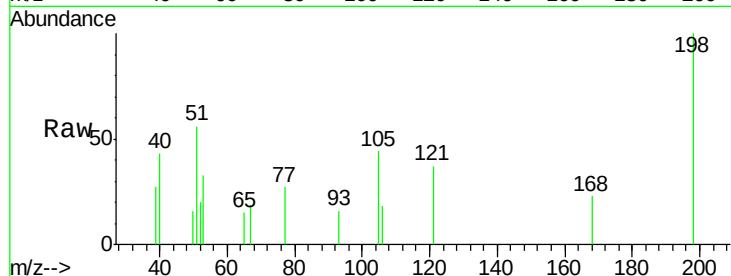




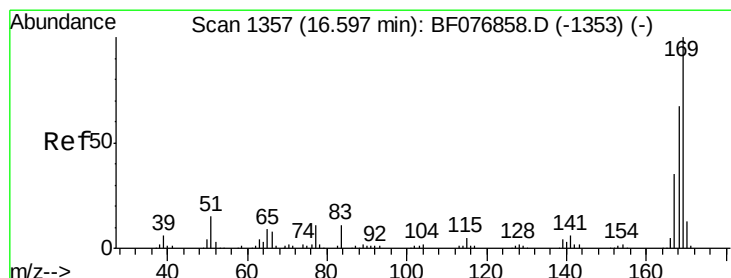
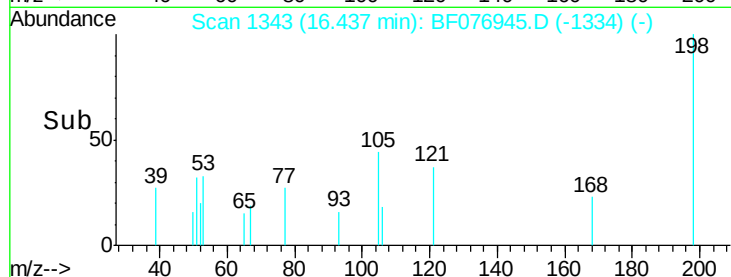
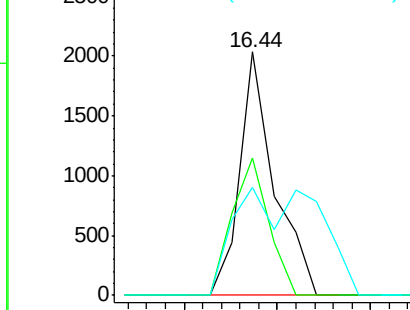
#64
4,6-Dinitro-2-methylphenol
Concen: 5.33 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 2632
Ion Ratio Lower Upper
198 100
51 56.4 24.2 64.2
105 44.1 24.0 64.0

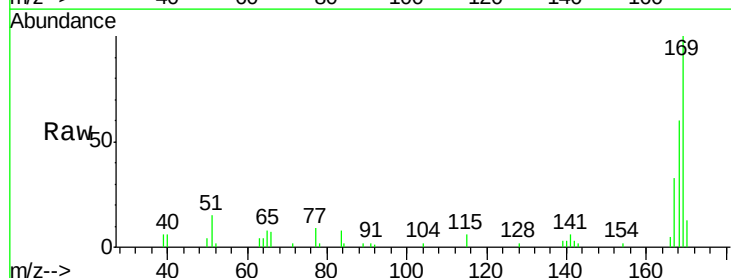


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF076858.D (-1343) (-)
Ion 105.00 (104.70 to 105.70): E

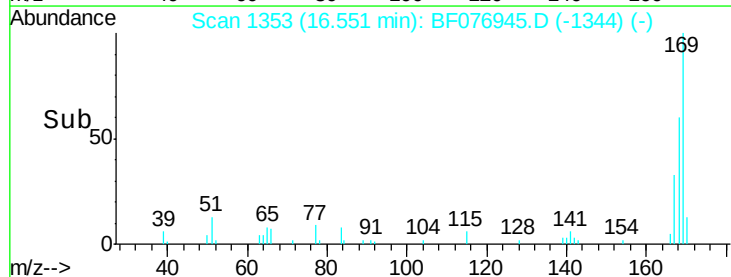
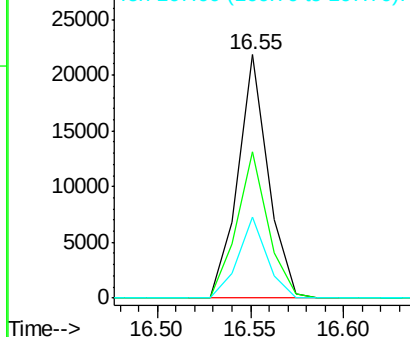


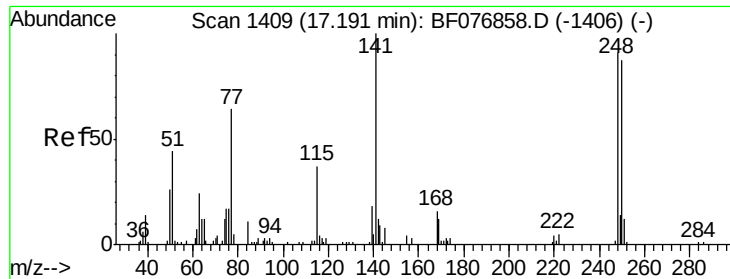
#65
n-Nitrosodiphenylamine
Concen: 3.69 ng
RT: 16.55 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:169 Resp: 24785
Ion Ratio Lower Upper
169 100
168 60.2 53.8 80.6
167 33.0 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

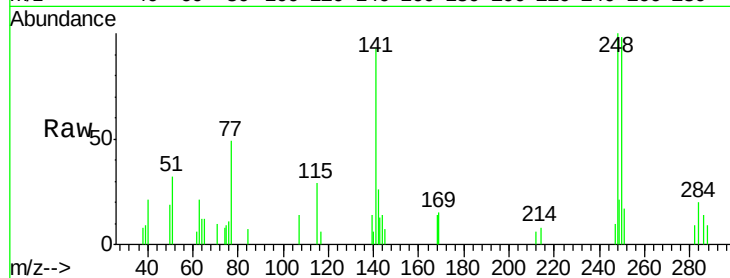




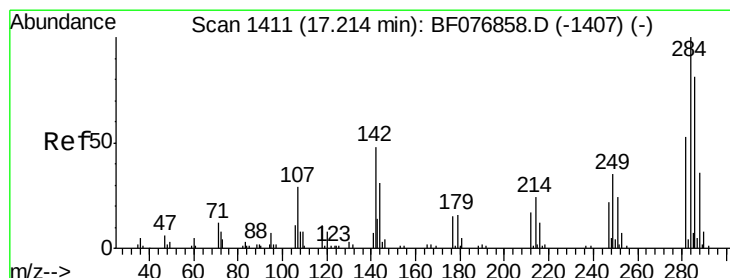
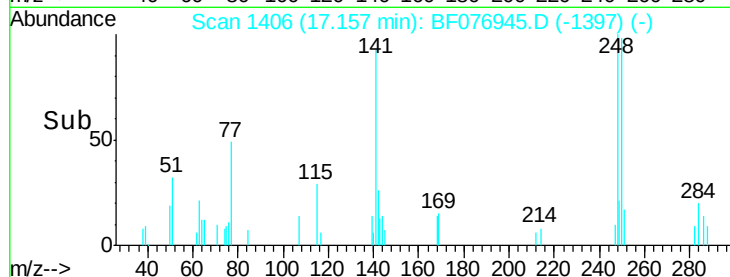
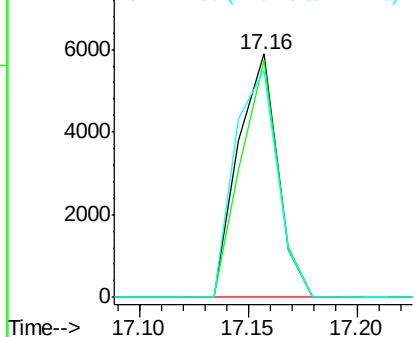
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 17.16 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7434
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 93.3 88.2 132.4

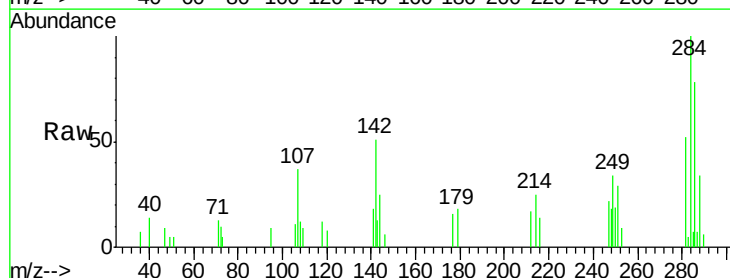


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

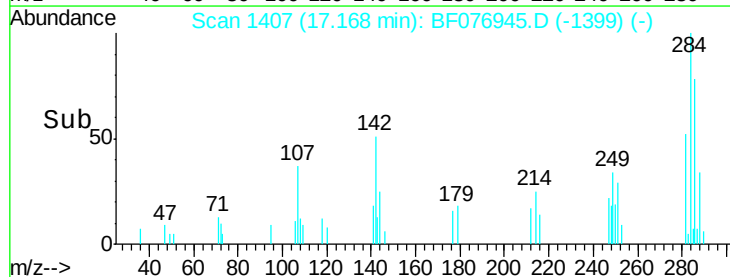
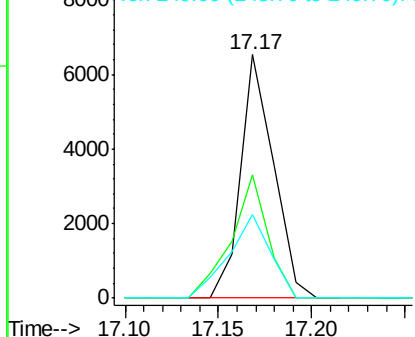


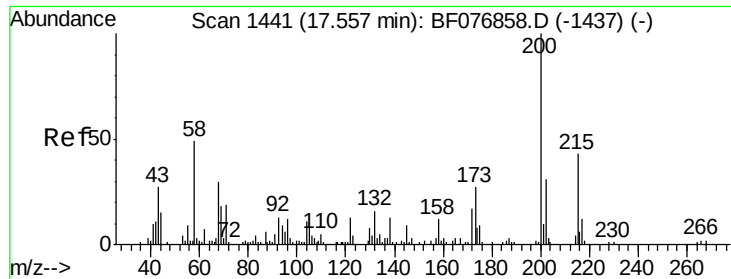
#67
Hexachlorobenzene
Concen: 3.99 ng
RT: 17.17 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:284 Resp: 8017
Ion Ratio Lower Upper
284 100
142 50.7 38.2 57.4
249 34.4 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: 3.74 ng

RT: 17.51 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

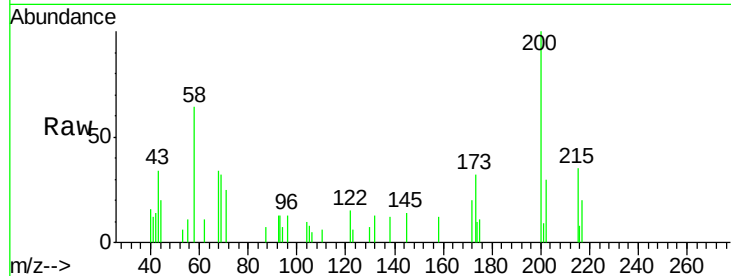
Tot Ion:200 Resp: 7612

Ion Ratio Lower Upper

200 100

173 32.0 6.6 46.6

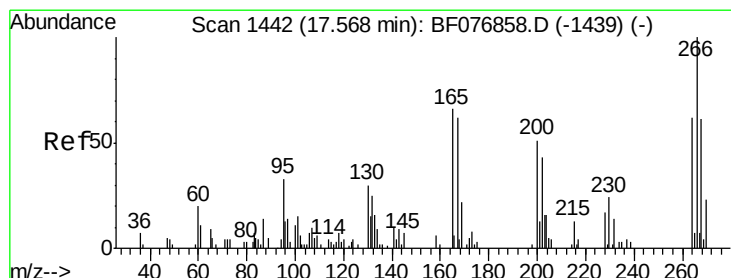
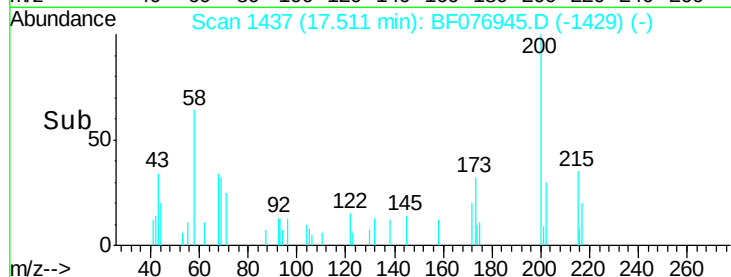
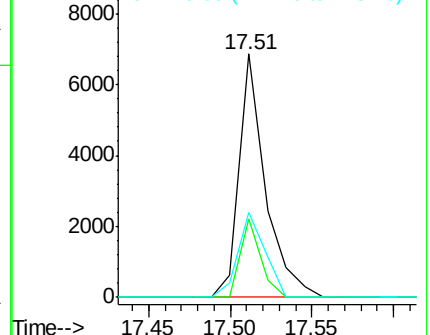
215 34.6 22.9 62.9



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: 10.70 ng

RT: 17.53 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

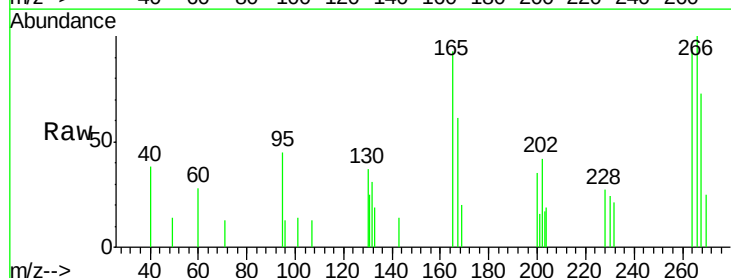
Tgt Ion:266 Resp: 3824

Ion Ratio Lower Upper

266 100

268 73.1 48.6 72.8#

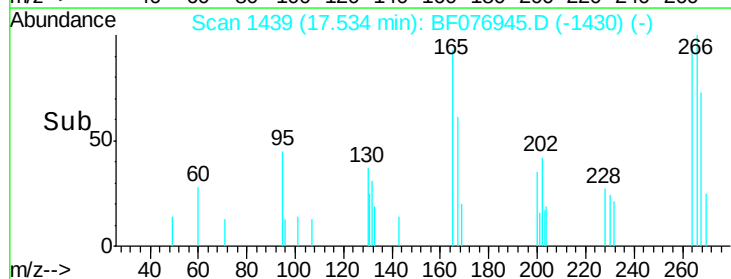
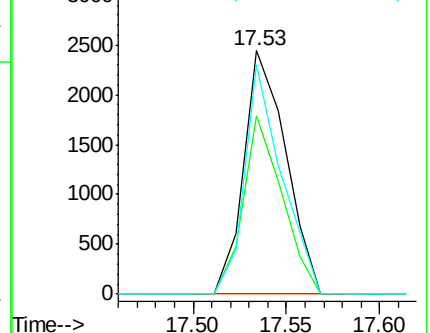
264 94.5 49.5 74.3#

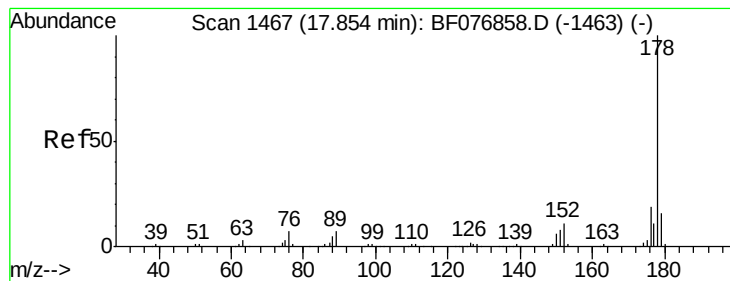


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.81 ng

RT: 17.81 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

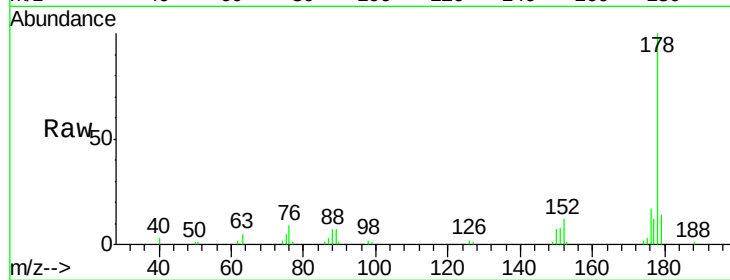
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 44736

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.1	22.7
179	14.3	12.7	19.1

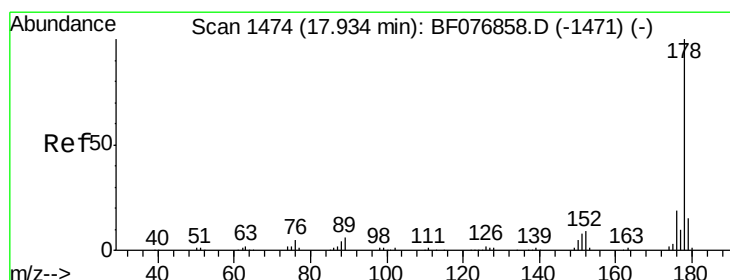
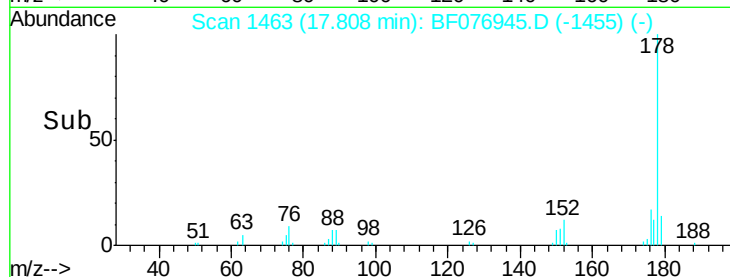
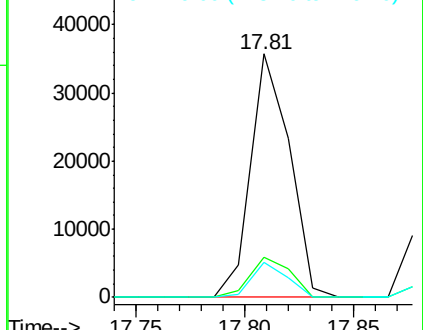


Abundance

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: 3.66 ng

RT: 17.89 min Scan# 1470

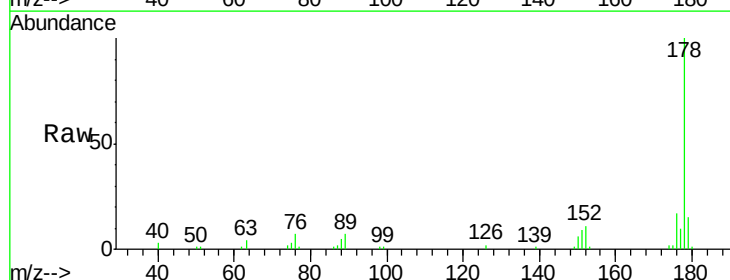
Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Tgt Ion:178 Resp: 41923

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.0
179	14.7	11.9	17.9

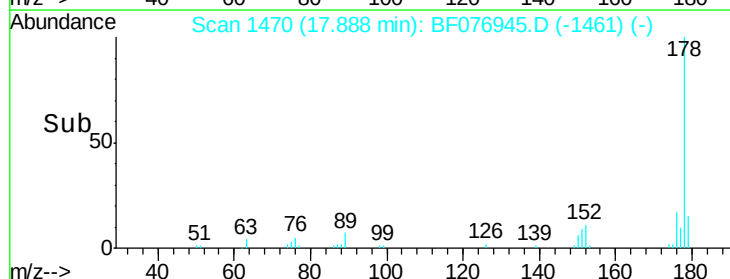
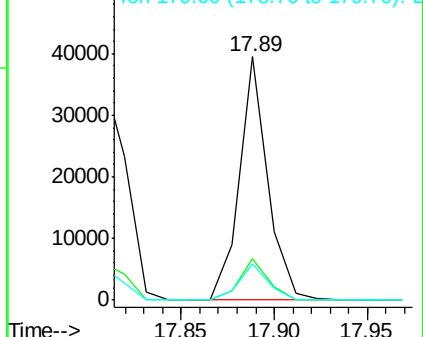


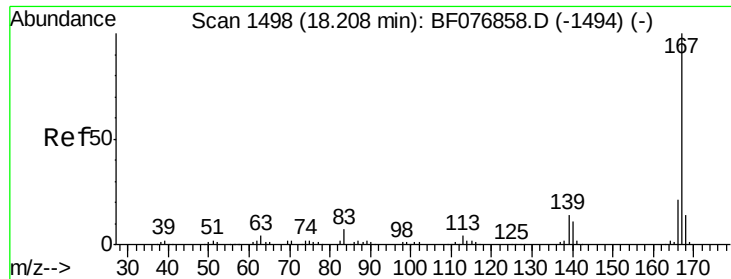
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

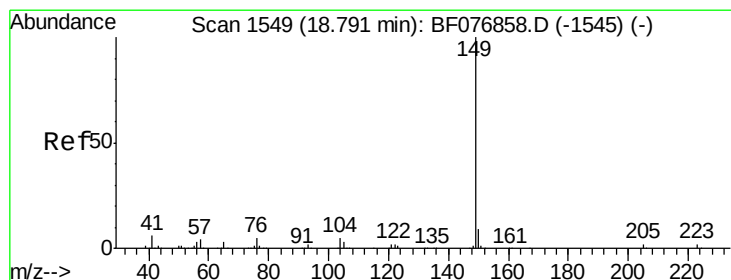
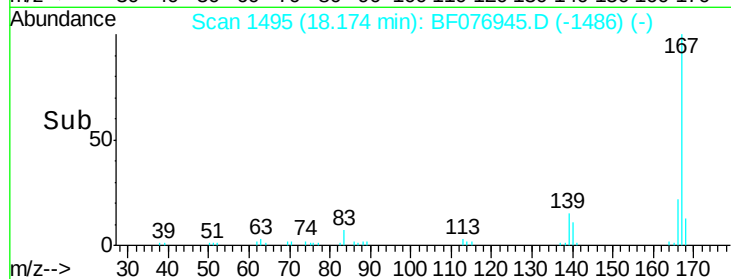
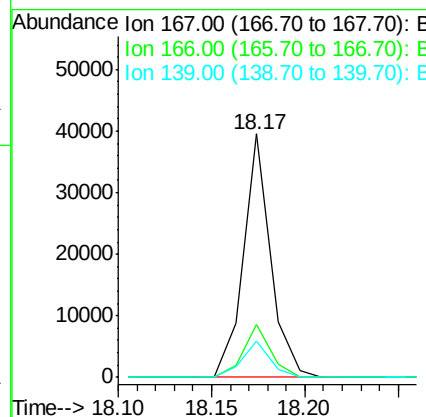
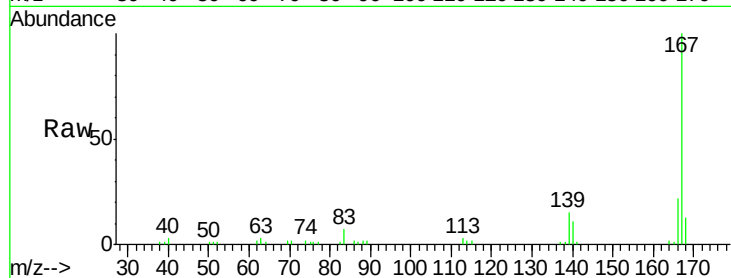




#72
 Carbazole
 Concen: 3.61 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

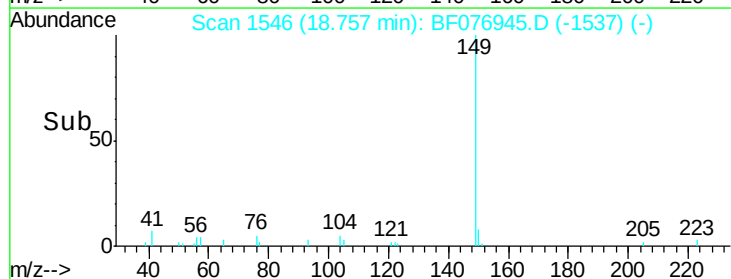
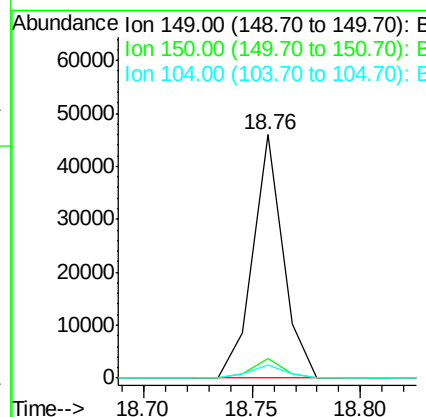
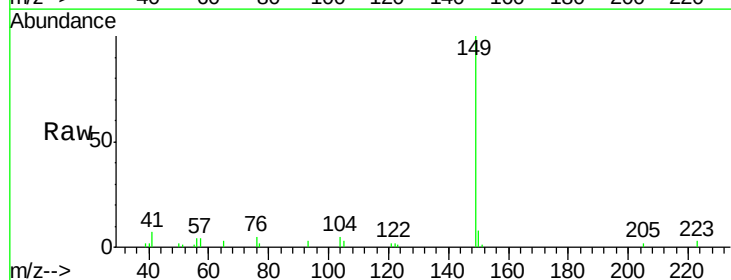
Instrument :
 BNA_F
 ClientSampleId :

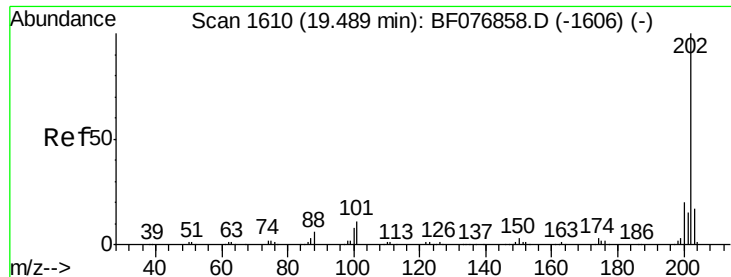
Tot Ion:167 Resp: 40081
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 14.7 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 3.45 ng
 RT: 18.76 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:149 Resp: 44391
 Ion Ratio Lower Upper
 149 100
 150 8.1 6.9 10.3
 104 5.2 3.7 5.5

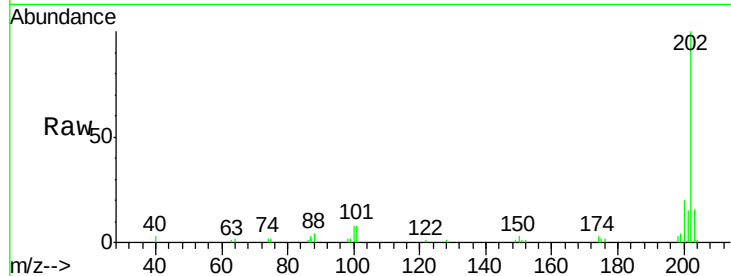




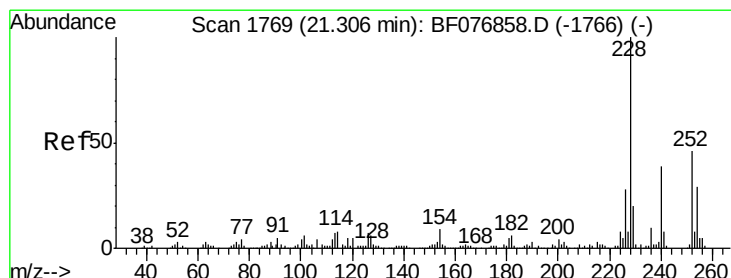
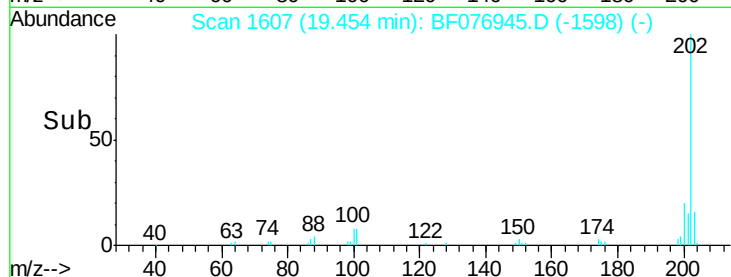
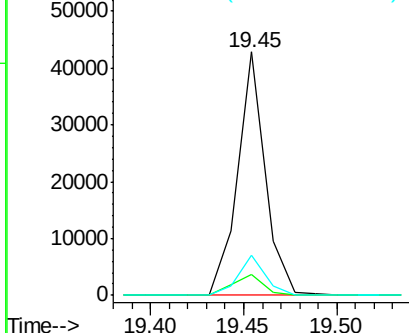
#74
Fluoranthene
Concen: 3.69 ng
RT: 19.45 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 44416
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.7
203 16.4 0.0 36.9

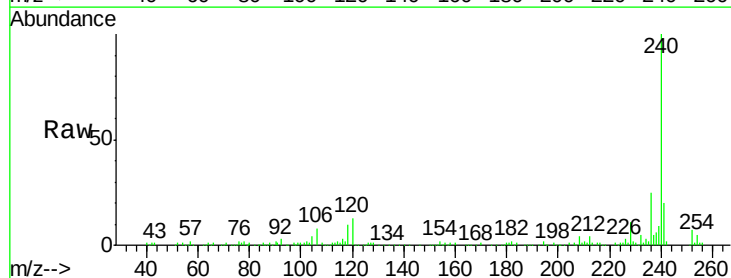


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

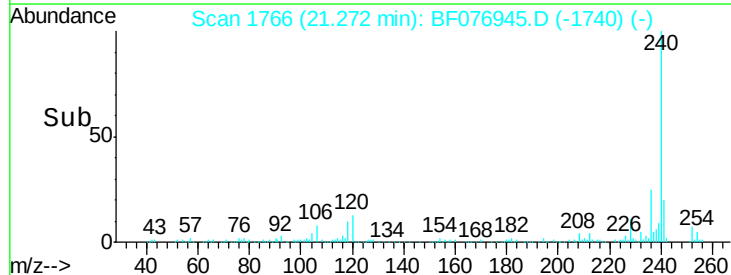
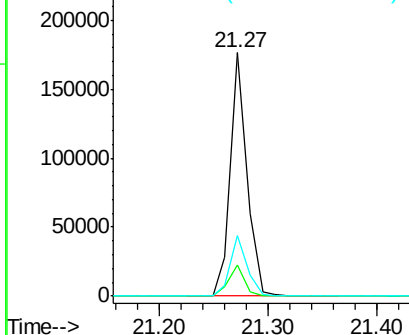


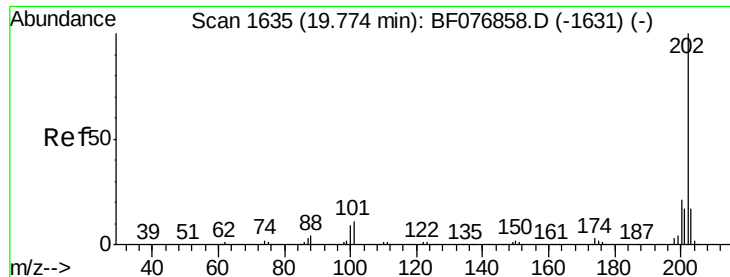
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:240 Resp: 186307
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 24.9 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

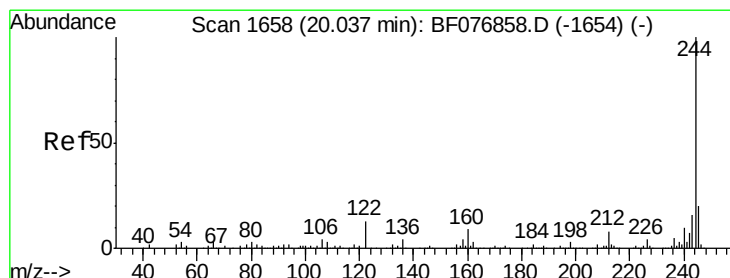
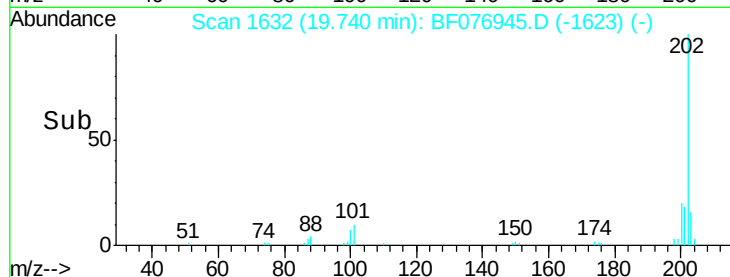
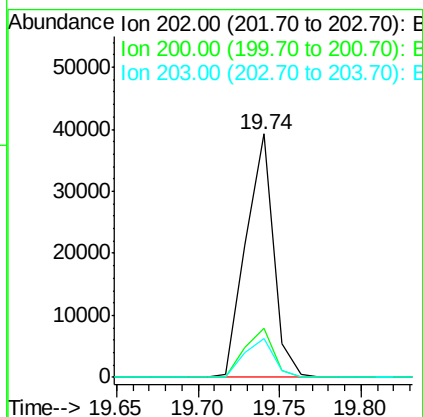
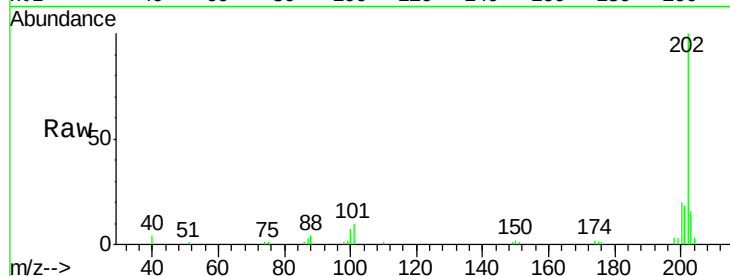




#77
 Pvrene
 Concen: 3.60 ng
 RT: 19.74 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

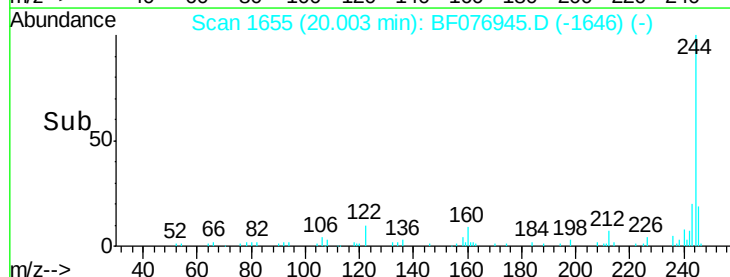
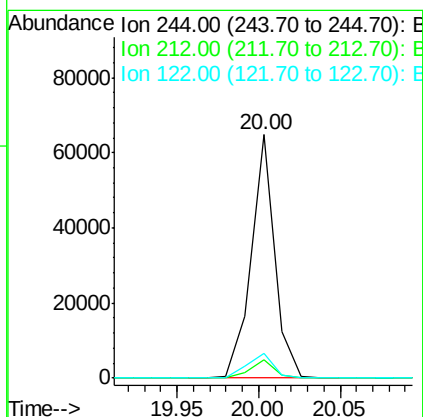
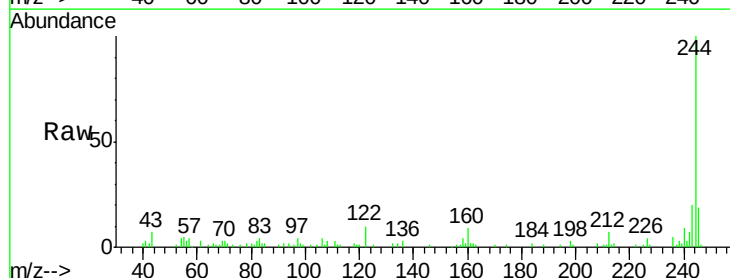
Instrument :
 BNA_F
 ClientSampled :

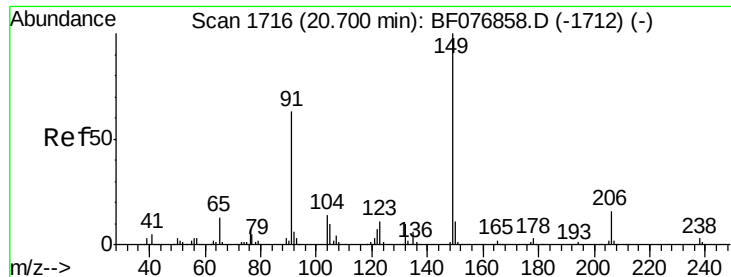
Tot Ion:202 Resp: 45942
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.7 25.1
 203 16.1 14.0 21.0



#78
 Terphenyl-d14
 Concen: 8.01 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:244 Resp: 64805
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.1 10.1 15.1





#79

Butylbenzylphthalate

Concen: 3.41 ng

RT: 20.67 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

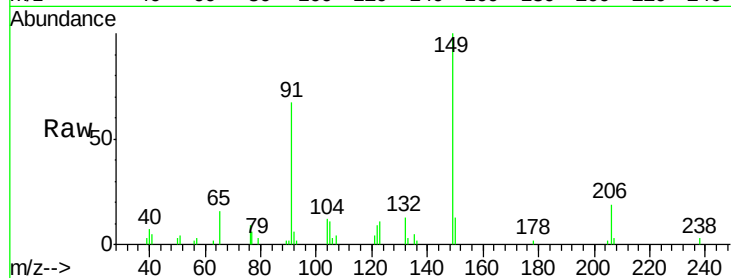
Tot Ion:149 Resp: 19724

Ion Ratio Lower Upper

149 100

91 66.8 50.6 76.0

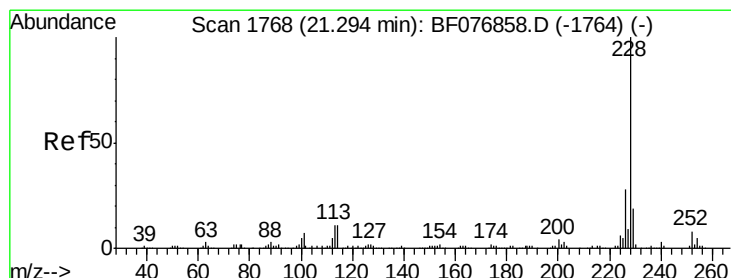
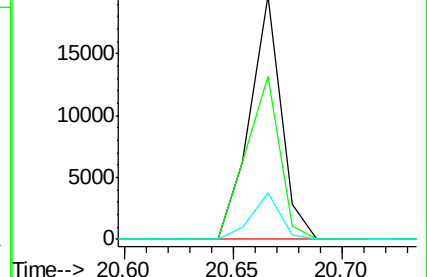
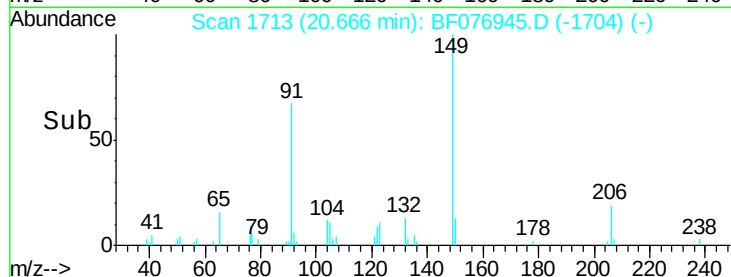
206 19.2 12.8 19.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.73 ng

RT: 21.26 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

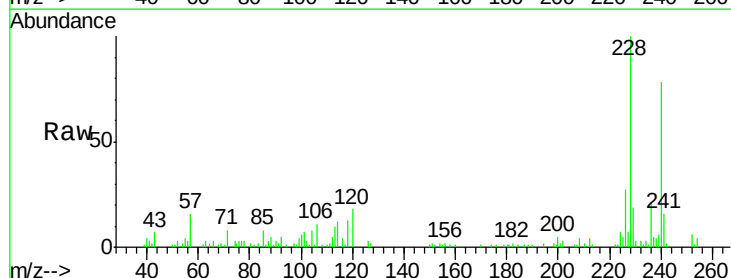
Tgt Ion:228 Resp: 43605

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

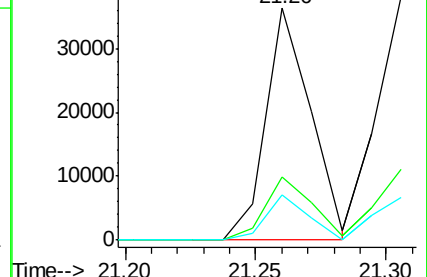
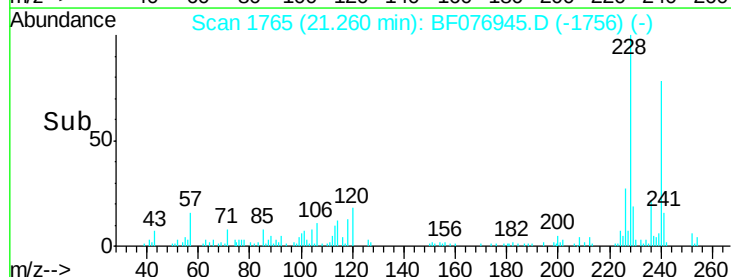
229 19.4 15.5 23.3

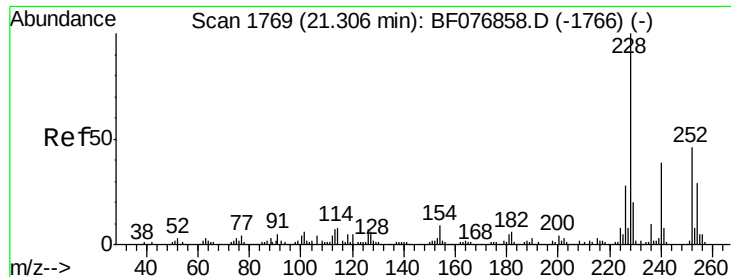


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

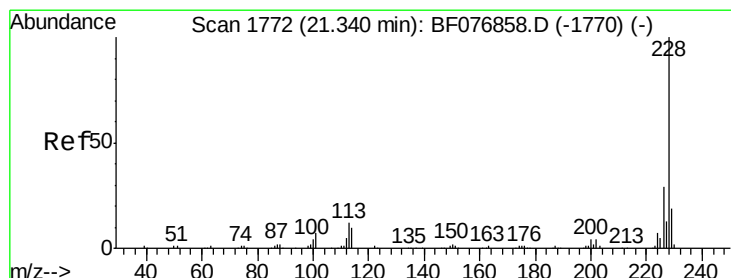
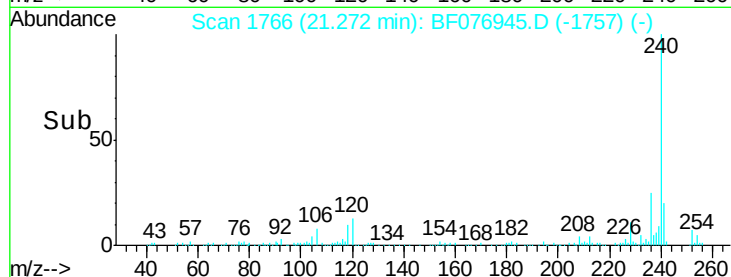
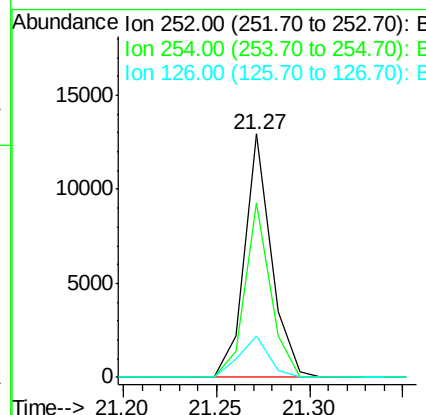
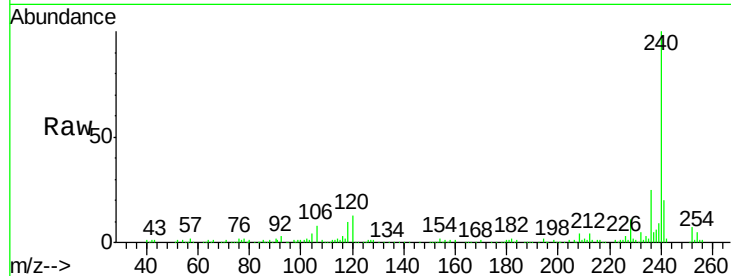




#81
 3,3'-Dichlorobenzidine
 Concen: 3.50 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

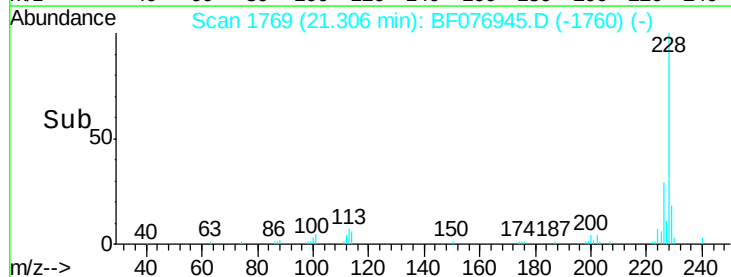
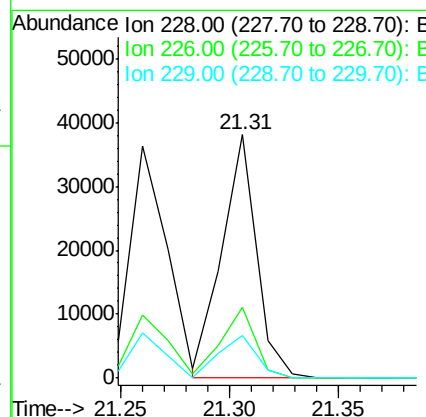
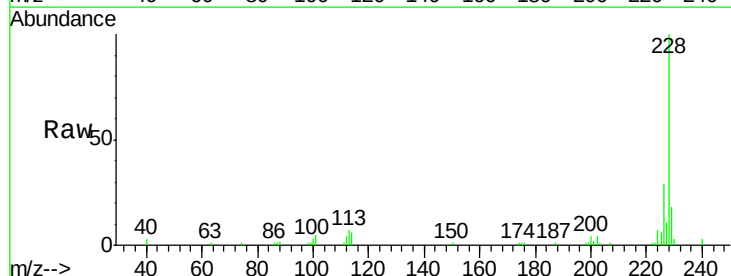
Instrument :
 BNA_F
 ClientSampleId :

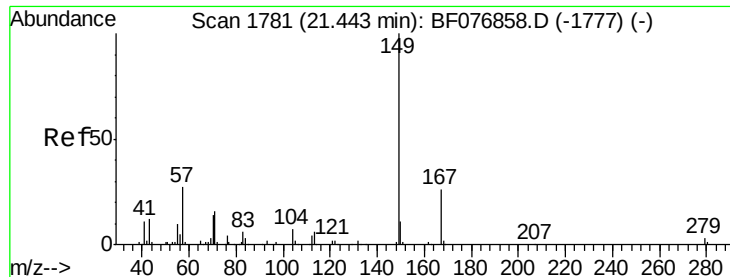
Tot Ion:252 Resp: 13007
 Ion Ratio Lower Upper
 252 100
 254 71.9 50.2 75.4
 126 16.9 11.5 17.3



#82
 Chrysene
 Concen: 3.95 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:228 Resp: 42068
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.4 35.0
 229 17.5 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.42 ng

RT: 21.41 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

Instrument :

BNA_F

ClientSampleId :

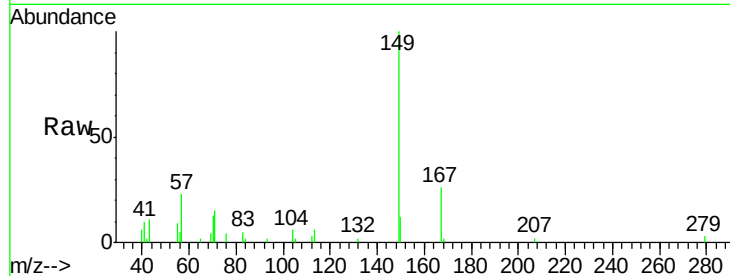
Tot Ion:149 Resp: 27352

Ion Ratio Lower Upper

149 100

167 25.5 20.6 30.8

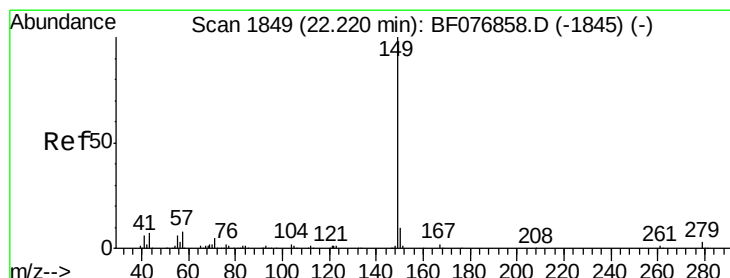
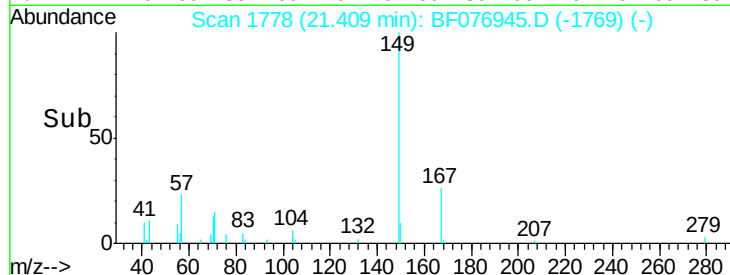
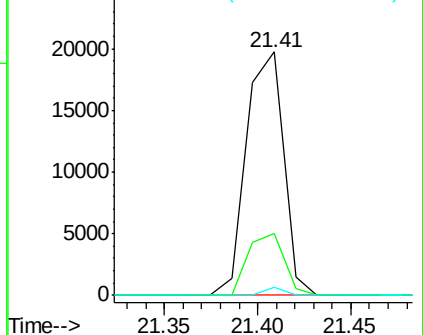
279 3.2 2.2 3.2



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: 3.40 ng

RT: 22.17 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF076945.D

Acq: 20 Jan 2015 2:18

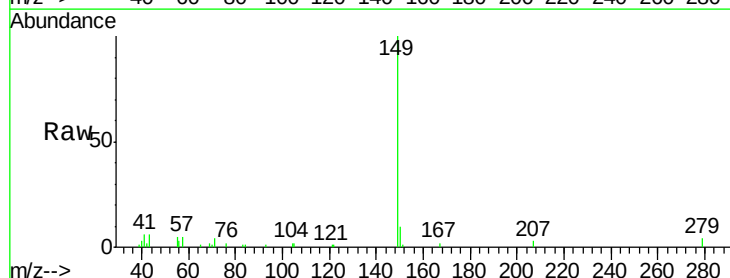
Tgt Ion:149 Resp: 47254

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

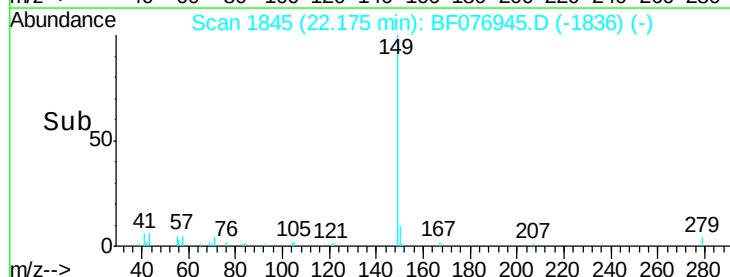
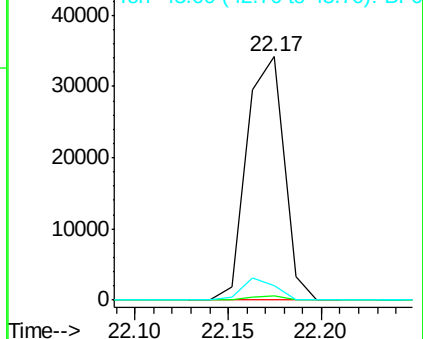
43 8.1 6.6 10.0

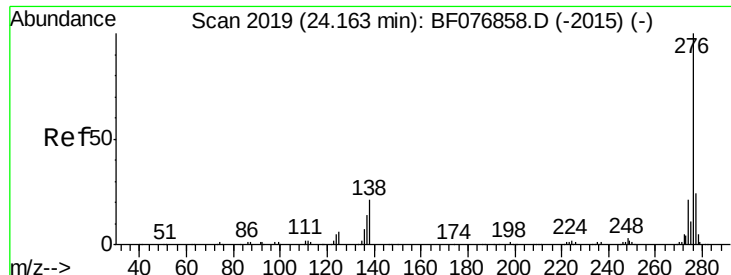


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

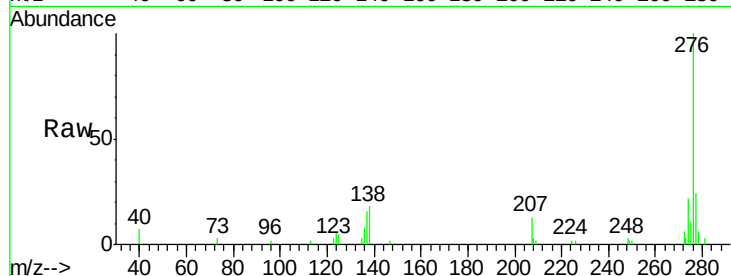




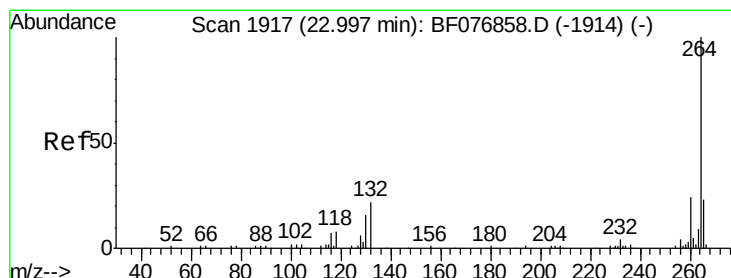
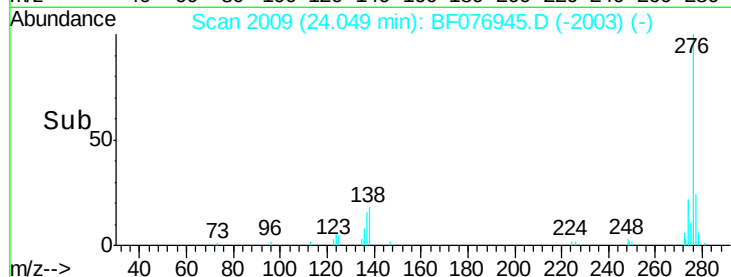
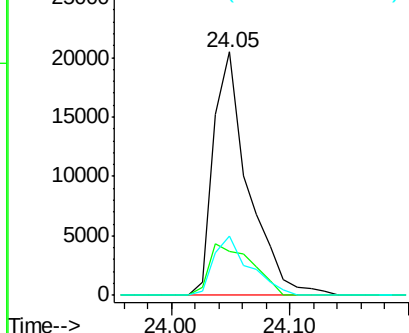
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.68 ng
 RT: 24.05 min Scan# 2009
 Delta R.T. -0.03 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 41560
 Ion Ratio Lower Upper
 276 100
 138 26.2 14.6 22.0#
 277 25.0 14.8 22.2#

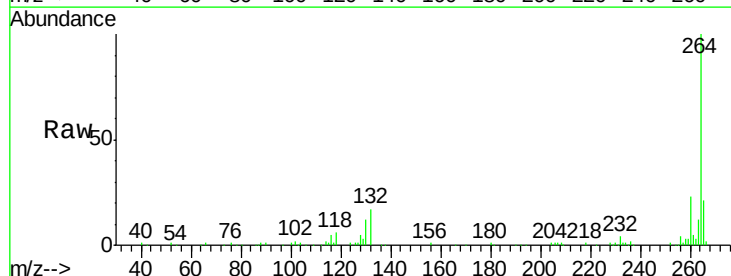


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

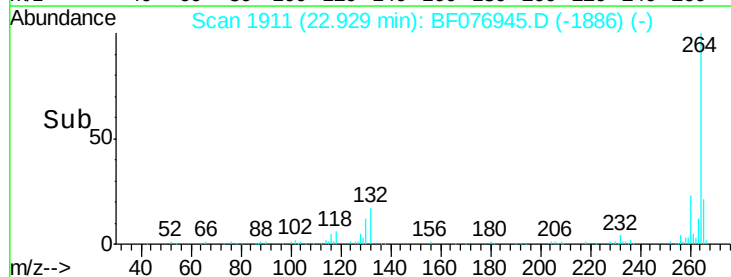
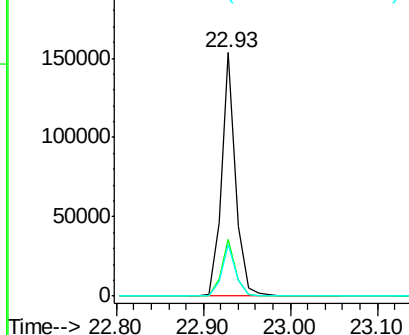


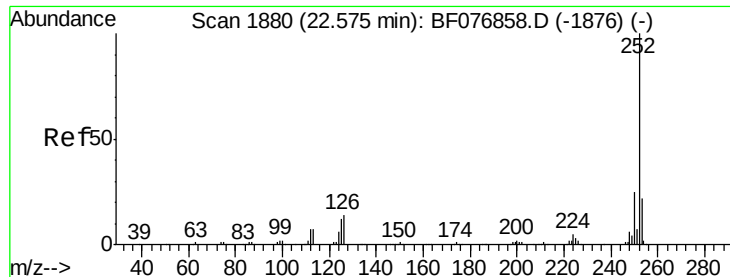
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.93 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Tgt Ion:264 Resp: 174667
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

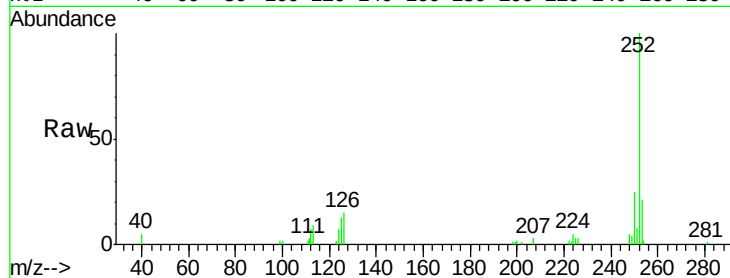




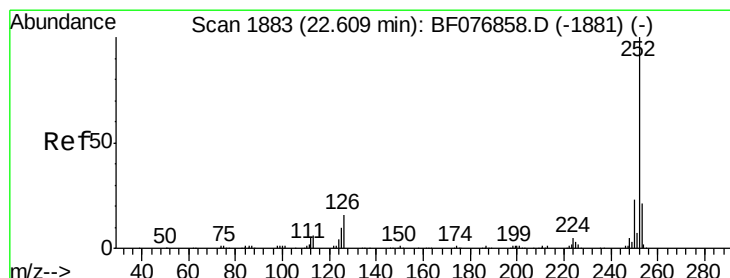
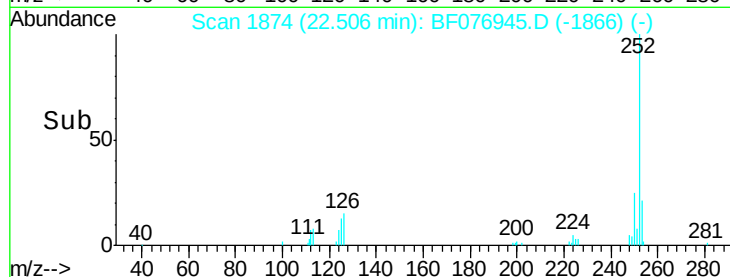
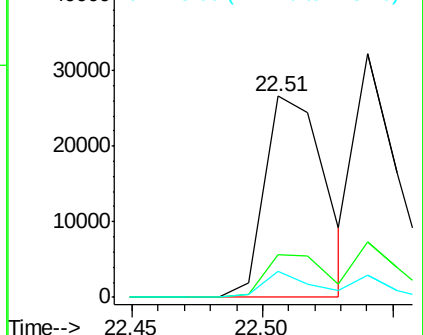
#87
Benzo(b)fluoranthene
Concen: 3.64 ng
RT: 22.51 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 42774
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 12.9 9.4 14.0

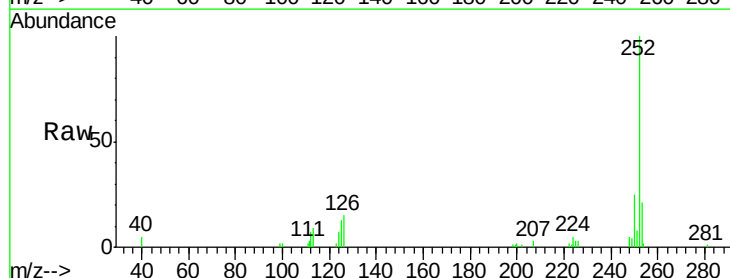


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

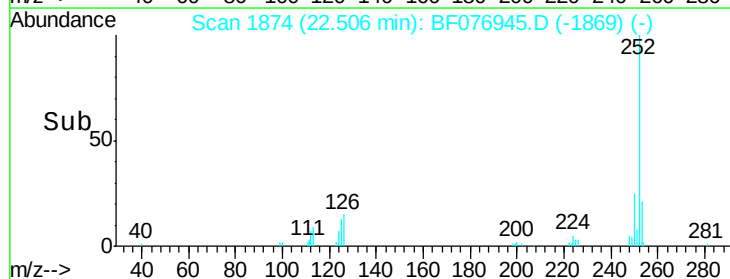
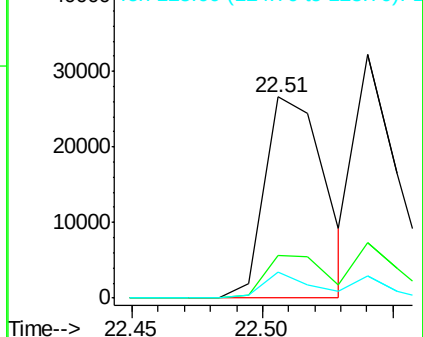


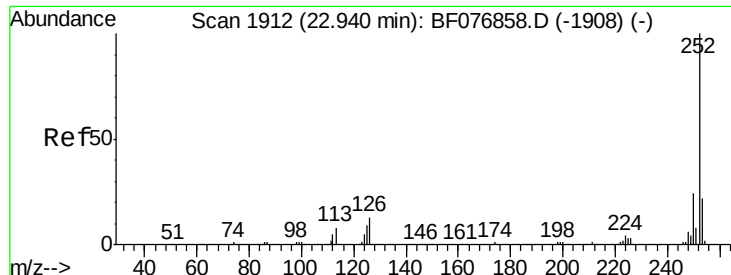
#88
Benzo(k)fluoranthene
Concen: 4.16 ng
RT: 22.51 min Scan# 1874
Delta R.T. -0.05 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:252 Resp: 42774
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 12.9 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

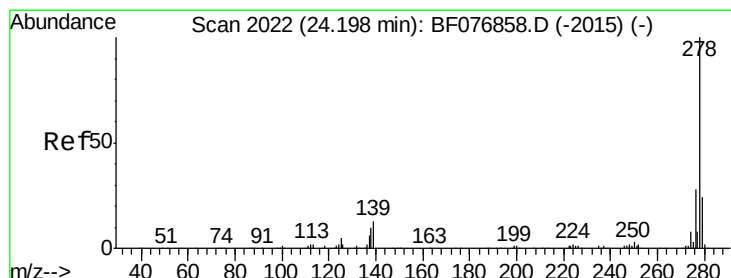
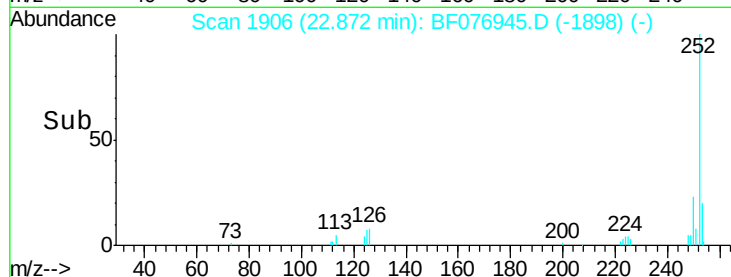
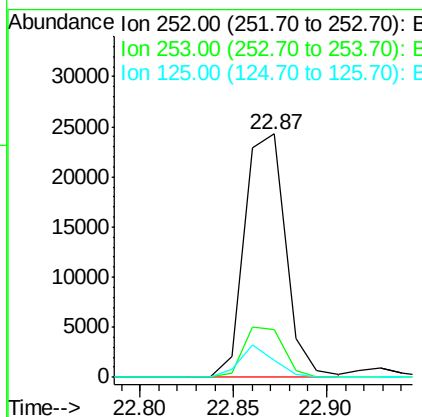
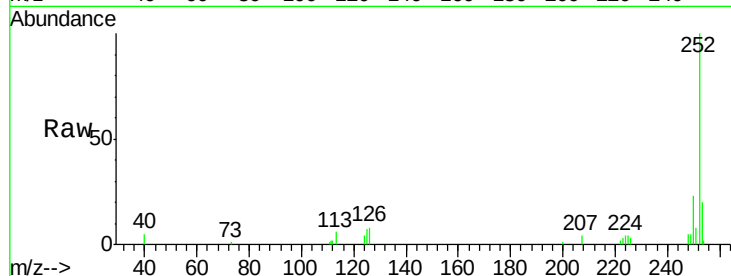




#89
Benzo(a)pyrene
Concen: 3.58 ng
RT: 22.87 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

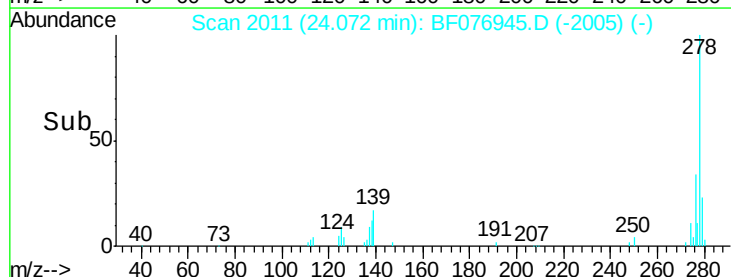
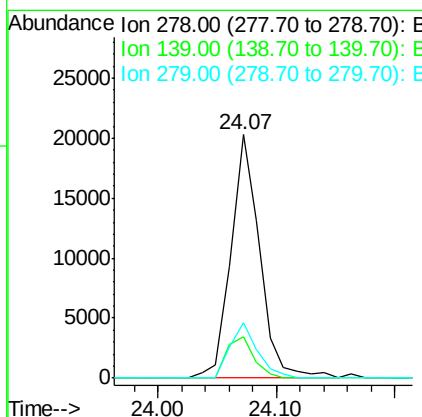
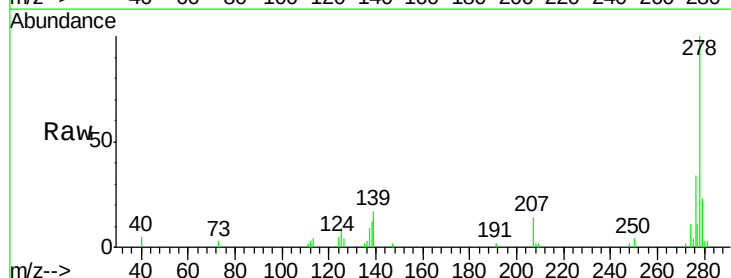
Instrument :
BNA_F
ClientSampleId :

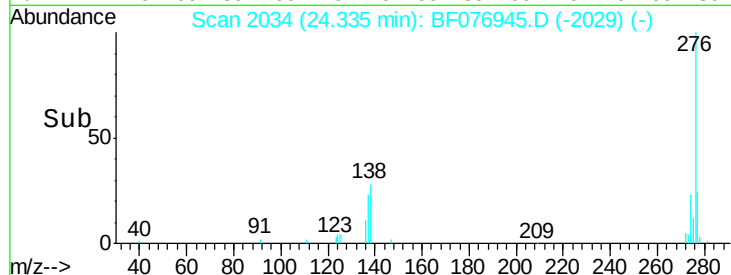
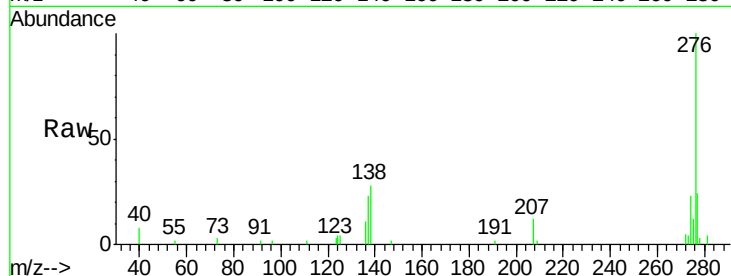
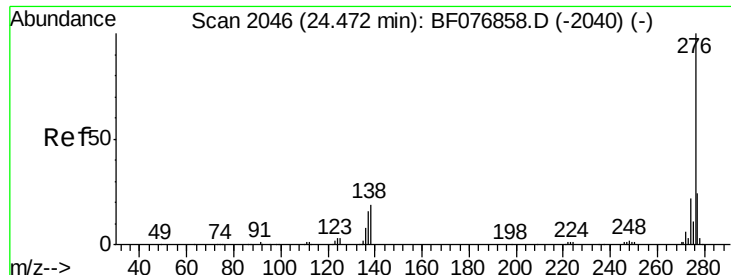
Tot Ion:252 Resp: 37164
Ion Ratio Lower Upper
252 100
253 19.5 17.9 26.9
125 6.9 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 3.59 ng
RT: 24.07 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF076945.D
Acq: 20 Jan 2015 2:18

Tgt Ion:278 Resp: 34159
Ion Ratio Lower Upper
278 100
139 17.0 10.5 15.7#
279 22.9 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 3.76 ng
 RT: 24.33 min Scan# 2034
 Delta R.T. -0.05 min
 Lab File: BF076945.D
 Acq: 20 Jan 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	35565
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.5	29.3
138	27.6	15.0	22.6

