

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076964.D
 Acq On : 20 Jan 2015 16:11
 Operator : IZ / TP
 Sample : G1076-11MS
 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 00:37:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 00:26:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	35866	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	155077	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	86623	20.00	ng	0.00
63) Phenanthrene-d10	17.74	188	152454	20.00	ng	0.01
75) Chrysene-d12	21.24	240	142513	20.00	ng	0.00
86) Perylene-d12	22.93	264	118280	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	184902	84.76	ng	-0.01
7) Phenol-d6	7.32	99	231537	84.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	144703	51.70	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	58820	83.65	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	278099	48.86	ng	0.00
78) Terphenyl-d14	19.97	244	298331	48.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.26	88	19239	20.60	ng	# 95
3) Pyridine	1.74	79	48720	20.16	ng	95
4) n-Nitrosodimethylamine	1.69	42	32013	26.74	ng	91
6) Aniline	7.20	93	58575	15.38	ng	96
8) 2-Chlorophenol	7.44	128	65940	26.22	ng	98
9) Benzaldehyde	6.92	77	27826	15.66	ng	96
10) Phenol	7.34	94	80484	27.54	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	60482	26.45	ng	# 79
12) 1,3-Dichlorobenzene	7.75	146	69825	24.40	ng	94
13) 1,4-Dichlorobenzene	7.94	146	71782	23.66	ng	99
14) 1,2-Dichlorobenzene	8.26	146	68603	24.54	ng	98
15) Benzyl Alcohol	8.34	79	57379	25.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	79364	25.82	ng	93
17) 2-Methylphenol	8.69	107	49145	23.91	ng	95
18) Hexachloroethane	9.01	117	25675	24.33	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	48751	25.31	ng	94
20) 3+4-Methylphenols	9.08	107	66742	24.53	ng	95
22) Acetophenone	8.89	105	98200	25.85	ng	99
24) Nitrobenzene	9.25	77	70917	24.87	ng	95
25) Isophorone	9.85	82	127969	25.10	ng	# 95
26) 2-Nitrophenol	9.99	139	33619	23.94	ng	# 85
27) 2,4-Dimethylphenol	10.26	122	58000	26.30	ng	98
28) bis(2-Chloroethoxy)methane	10.47	93	77926	26.89	ng	98
29) 2,4-Dichlorophenol	10.60	162	55852	27.18	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	56634	24.81	ng	94
31) Naphthalene	10.87	128	197359	24.72	ng	99
33) 4-Chloroaniline	11.11	127	51165	15.86	ng	98
34) Hexachlorobutadiene	11.24	225	33683	24.87	ng	95
35) Caprolactam	11.92	113	14911	24.64	ng	95
36) 4-Chloro-3-methylphenol	12.41	107	60604	25.75	ng	98
37) 2-Methylnaphthalene	12.52	142	137072	25.14	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	52011	24.29	ng	98
40) Hexachlorocyclopentadiene	12.92	237	48205	44.00	ng	94
42) 2,4,6-Trichlorophenol	13.27	196	37867	24.27	ng	96

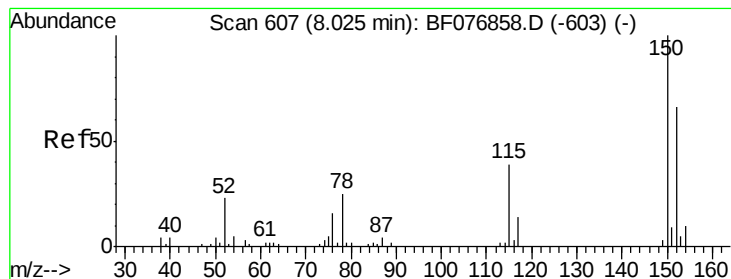
Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
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Quant Time: Jan 21 00:37:59 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 00:26:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.36	196	39891	25.07	nq	97
45) 1,1'-Biphenyl	13.67	154	160469	24.99	nq	98
46) 2-Chloronaphthalene	13.65	162	130069	24.61	nq	96
47) 2-Nitroaniline	13.99	65	44259	27.61	nq	97
48) Acenaphthylene	14.60	152	211974	23.78	nq	99
49) Dimethylphthalate	14.55	163	179904	29.29	nq	99
50) 2,6-Dinitrotoluene	14.64	165	32991	26.88	nq	95
51) Acenaphthene	15.02	154	116815	23.10	nq	94
52) 3-Nitroaniline	14.99	138	30091	19.88	nq	# 75
53) 2,4-Dinitrophenol	15.27	184	24871	48.59	nq	94
54) Dibenzofuran	15.45	168	182254	24.74	nq	99
55) 4-Nitrophenol	15.58	139	50079	52.01	nq	98
56) 2,4-Dinitrotoluene	15.58	165	45274	25.63	nq	# 86
57) Fluorene	16.17	166	151761	24.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.79	232	31249	26.97	nq	# 98
59) Diethylphthalate	16.17	149	159194	25.64	nq	97
60) 4-Chlorophenyl-phenylether	16.27	204	64144	25.12	nq	94
61) 4-Nitroaniline	16.31	138	33297	22.31	nq	97
62) Azobenzene	16.55	77	166211	25.69	nq	97
64) 4,6-Dinitro-2-methylphenol	16.38	198	21854	24.07	nq	# 65
65) n-Nitrosodiphenylamine	16.51	169	129903	23.90	nq	98
66) 4-Bromophenyl-phenylether	17.11	248	38194	24.73	nq	# 86
67) Hexachlorobenzene	17.12	284	39076	24.01	nq	94
68) Atrazine	17.48	200	46579	28.24	nq	95
69) Pentachlorophenol	17.49	266	33203	47.54	nq	97
70) Phenanthrene	17.77	178	218877	23.02	nq	98
71) Anthracene	17.84	178	223397	24.10	nq	99
72) Carbazole	18.13	167	217884	24.23	nq	99
73) Di-n-butylphthalate	18.72	149	270476	25.99	nq	100
74) Fluoranthene	19.41	202	228829	23.49	nq	97
76) Benzidine	19.65	184	81884	17.96	nq	97
77) Pyrene	19.69	202	238929	24.46	nq	99
79) Butylbenzylphthalate	20.63	149	117928	26.66	nq	98
80) Benzo(a)anthracene	21.23	228	215759	24.13	nq	99
81) 3,3'-Dichlorobenzidine	21.24	252	60843	21.41	nq	# 98
82) Chrysene	21.27	228	188855	23.16	nq	98
83) Bis(2-ethylhexyl)phthalate	21.37	149	177822	29.05	nq	98
84) Di-n-octyl phthalate	22.15	149	315053	29.66	nq	99
87) Benzo(b)fluoranthene	22.49	252	211331	26.53	nq	100
88) Benzo(k)fluoranthene	22.49	252	210243	30.21	nq	# 98
89) Benzo(a)pyrene	22.86	252	173917	24.75	nq	# 95
90) Dibenzo(a,h)anthracene	24.11	278	138619	21.50	nq	# 95
91) Benzo(g,h,i)perylene	24.37	276	144601	22.56	nq	95

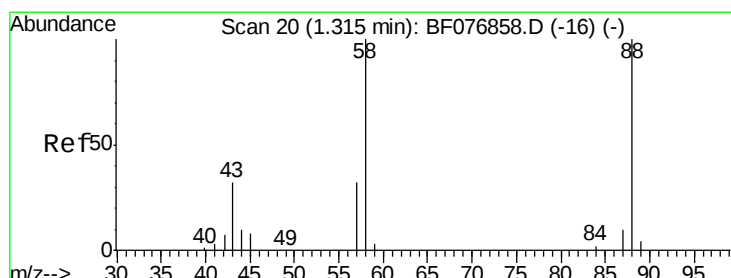
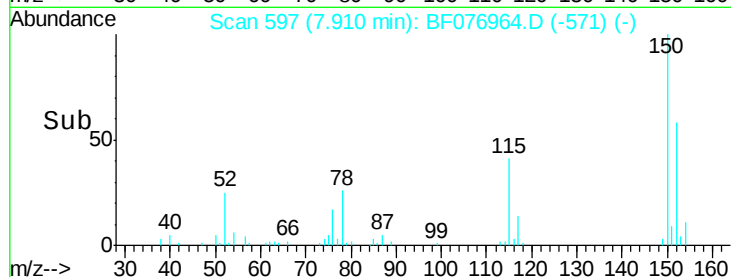
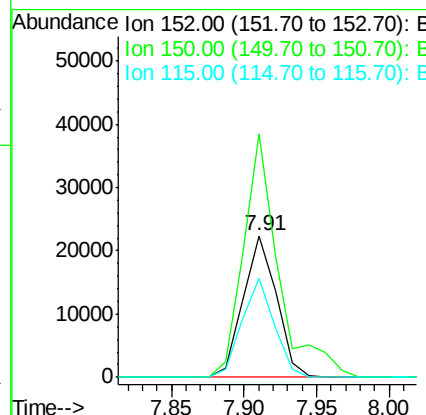
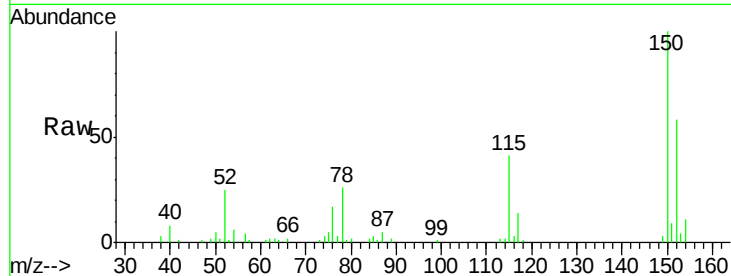
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

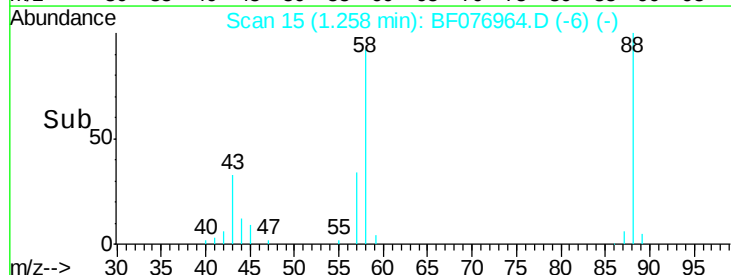
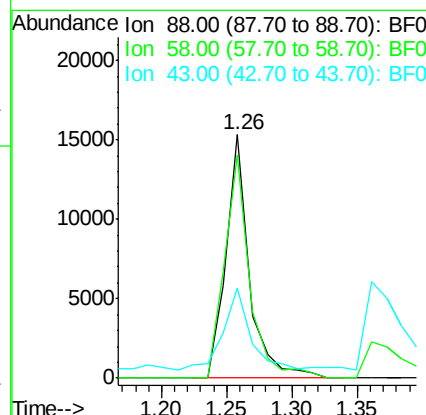
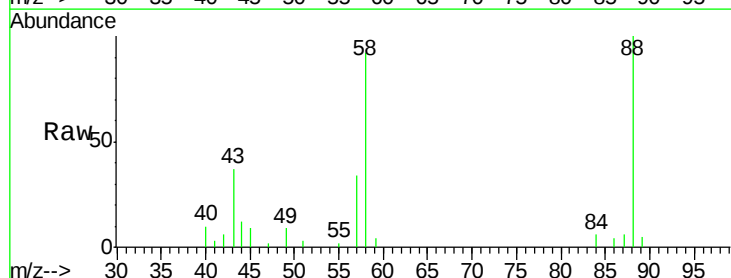
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 35866
 Ion Ratio Lower Upper
 152 100
 150 171.8 121.7 182.5
 115 69.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 20.60 ng
 RT: 1.26 min Scan# 15
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion: 88 Resp: 19239
 Ion Ratio Lower Upper
 88 100
 58 98.2 77.0 115.4
 43 40.3 25.6 38.4#





#3

Pvridine

Concen: 20.16 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampled :

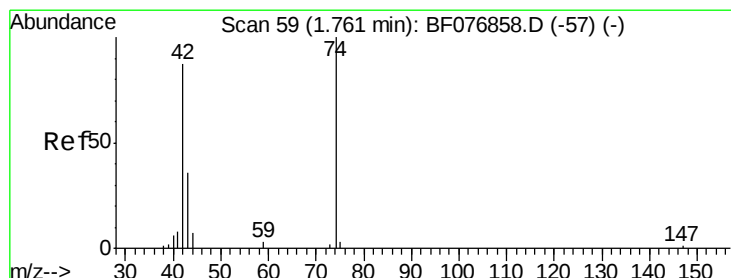
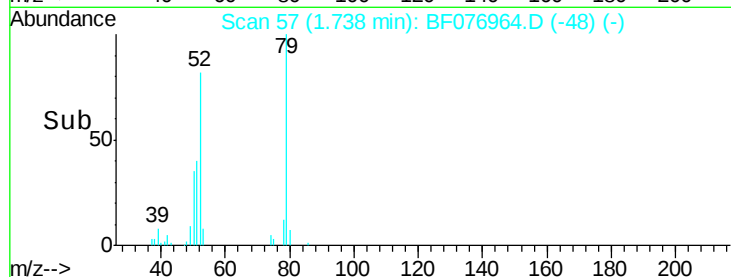
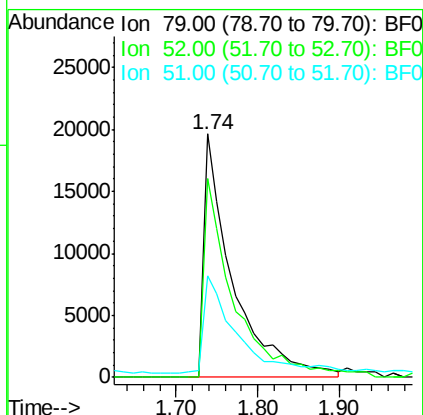
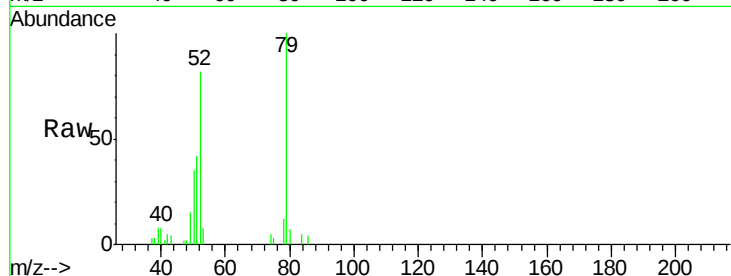
Tot Ion: 79 Resp: 48720

Ion Ratio Lower Upper

79 100

52 81.8 70.1 105.1

51 41.8 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 26.74 ng

RT: 1.69 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

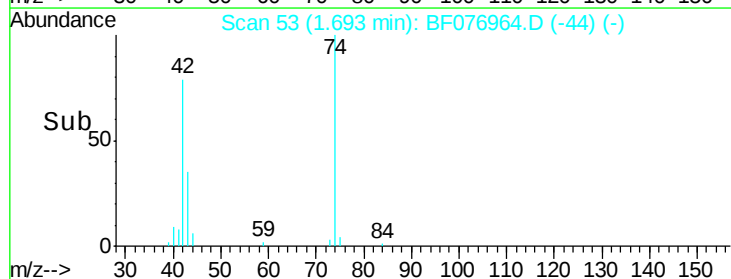
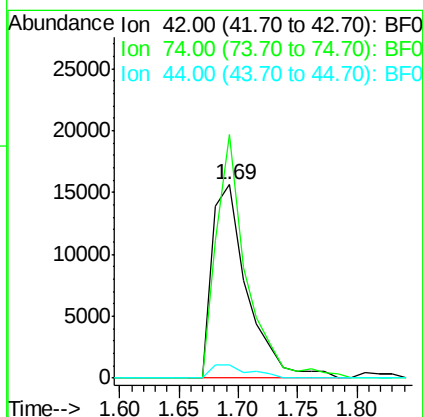
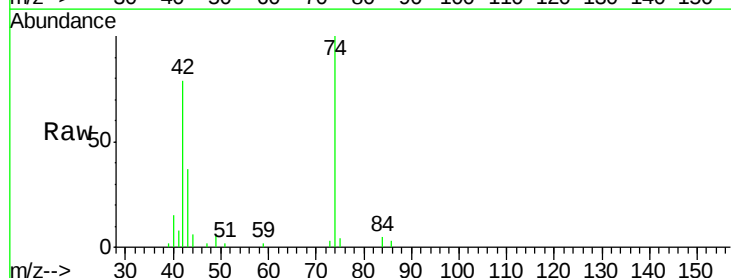
Tgt Ion: 42 Resp: 32013

Ion Ratio Lower Upper

42 100

74 125.9 92.4 138.6

44 7.0 6.2 9.2





#5

2-Fluorophenol

Concen: 84.76 ng

RT: 4.96 min Scan# 339

Delta R.T. -0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

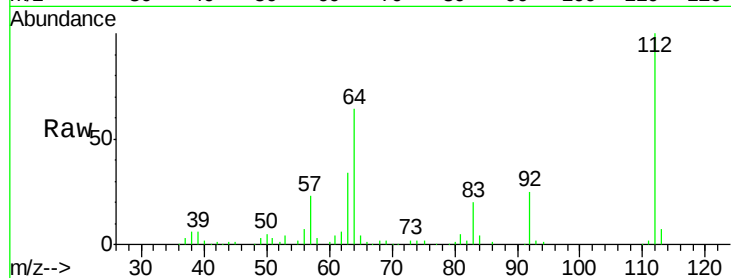
Tot Ion: 112 Resp: 184902

Ion Ratio Lower Upper

112 100

64 63.6 54.2 81.4

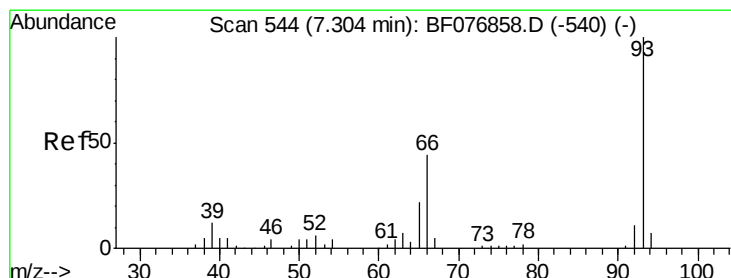
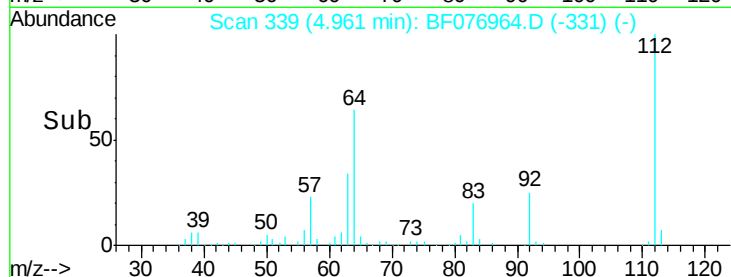
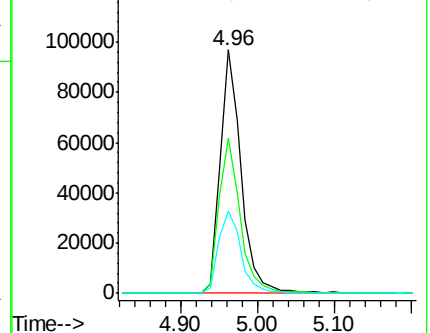
63 33.9 28.4 42.6



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: 15.38 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

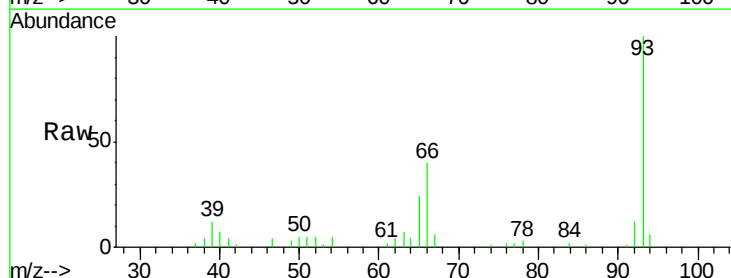
Tgt Ion: 93 Resp: 58575

Ion Ratio Lower Upper

93 100

66 40.5 35.0 52.4

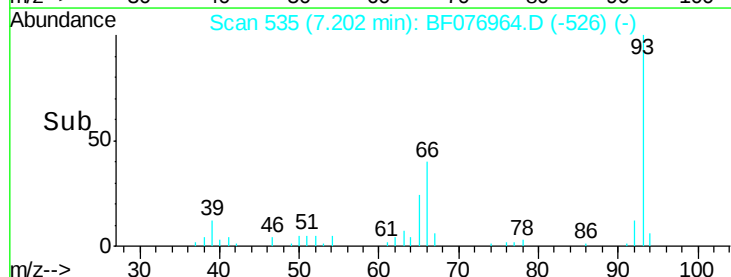
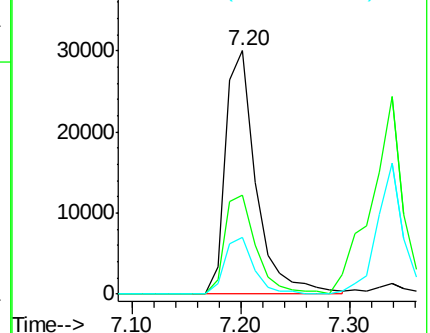
65 23.6 17.7 26.5

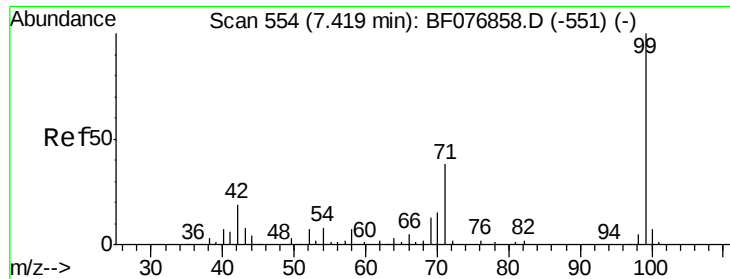


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.14 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

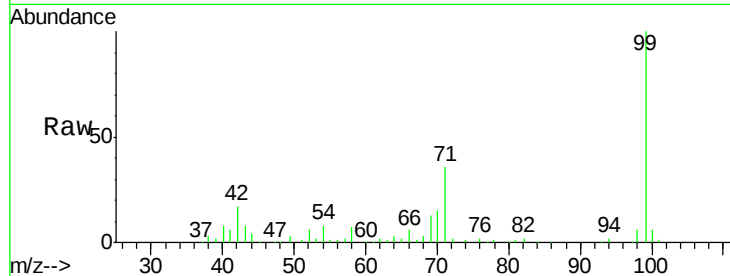
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 231537

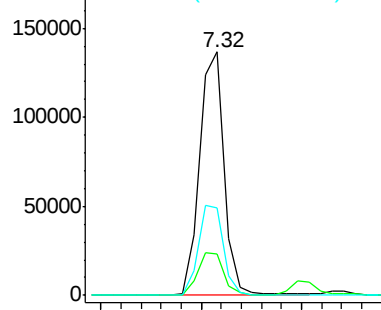
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.4
71	36.2	30.5	45.7



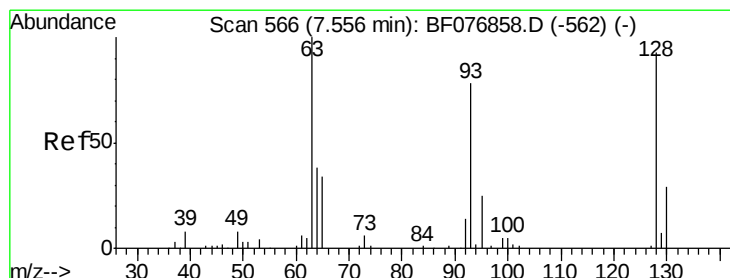
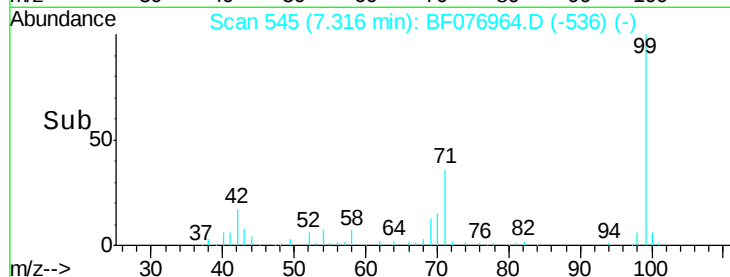
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 26.22 ng

RT: 7.44 min Scan# 556

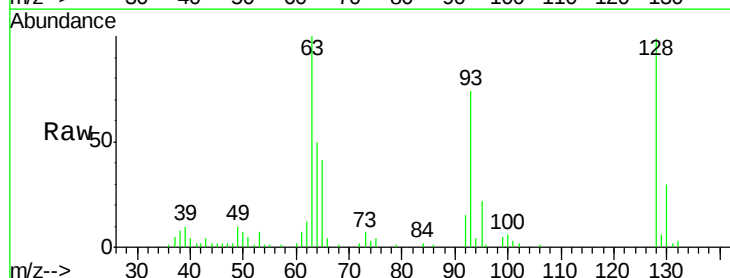
Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Tgt Ion: 128 Resp: 65940

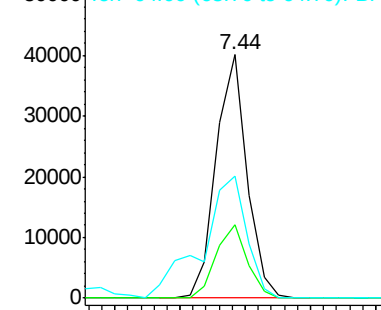
Ion	Ratio	Lower	Upper
128	100		
130	30.0	11.0	51.0
64	50.3	29.3	69.3



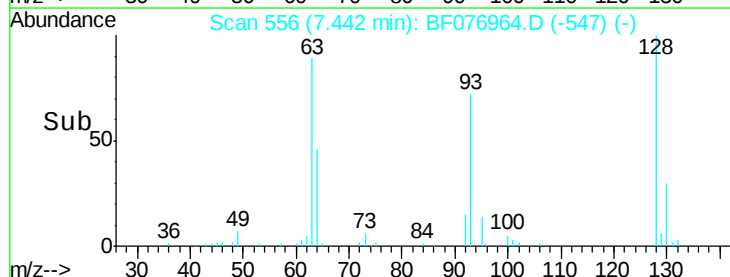
Abundance Ion 128.00 (127.70 to 128.70): E

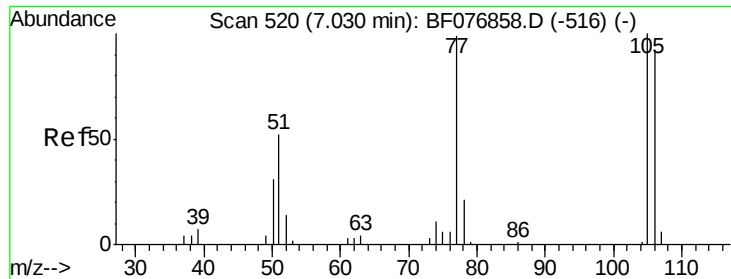
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->

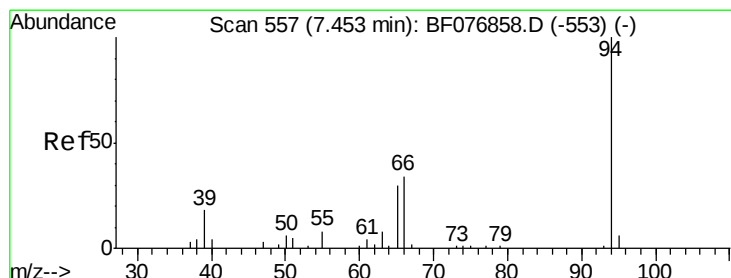
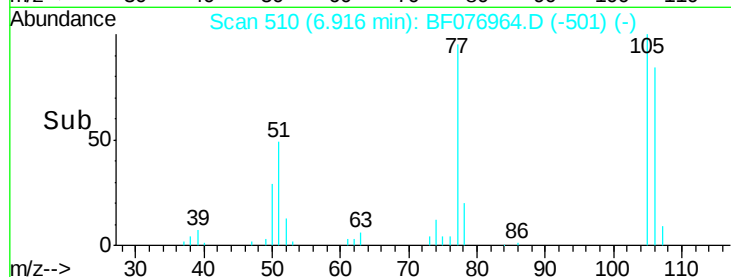
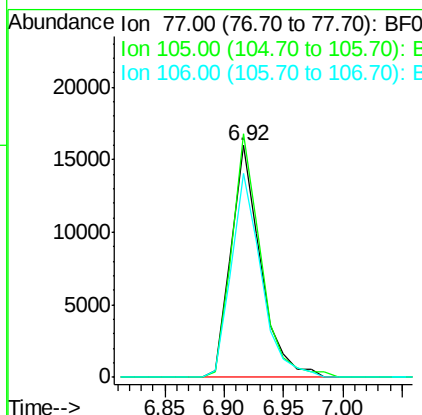
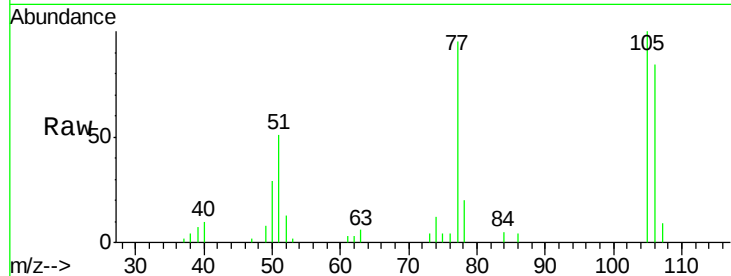




#9
Benzaldehyde
Concen: 15.66 ng
RT: 6.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

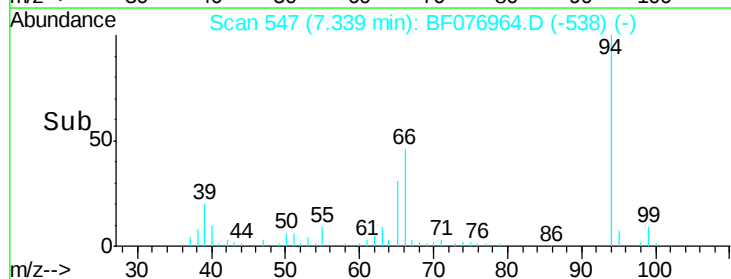
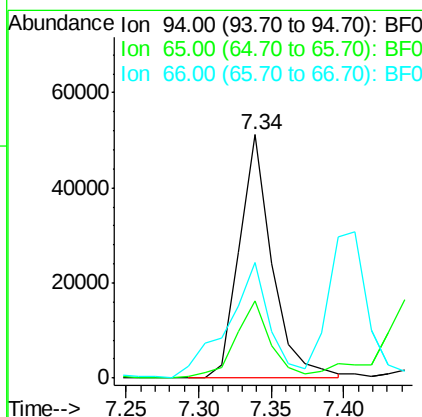
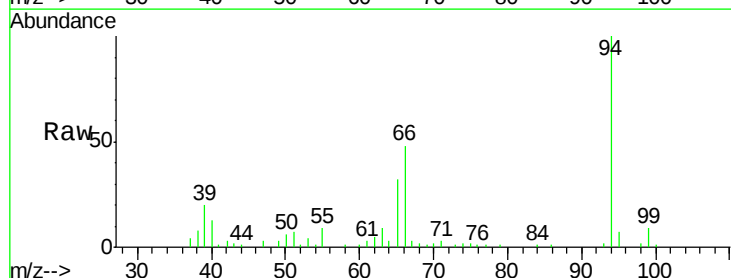
Instrument :
BNA_F
ClientSampled :

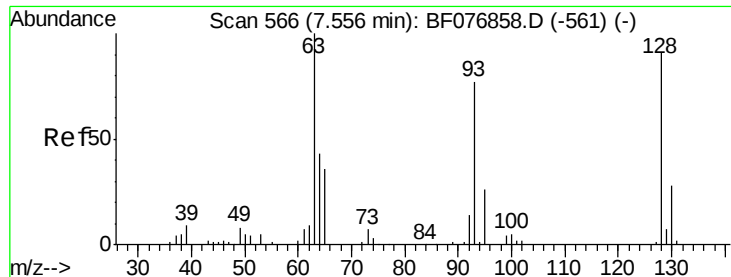
Tot Ion: 77 Resp: 27826
Ion Ratio Lower Upper
77 100
105 105.1 81.4 121.4
106 88.1 72.8 112.8



#10
Phenol
Concen: 27.54 ng
RT: 7.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion: 94 Resp: 80484
Ion Ratio Lower Upper
94 100
65 31.6 11.3 51.3
66 47.6 19.5 59.5

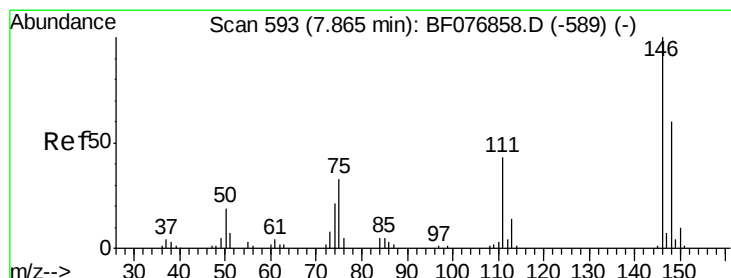
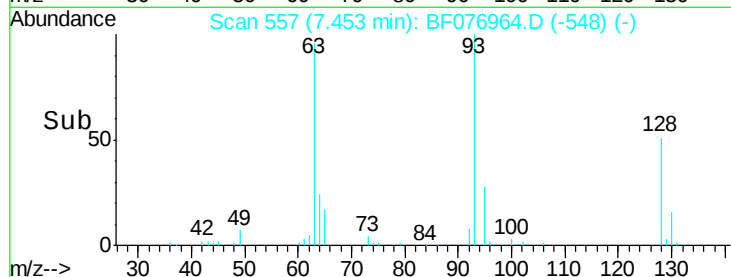
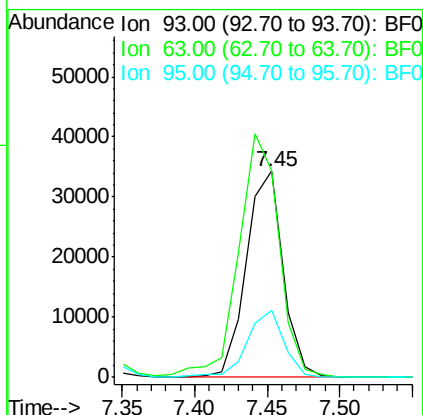
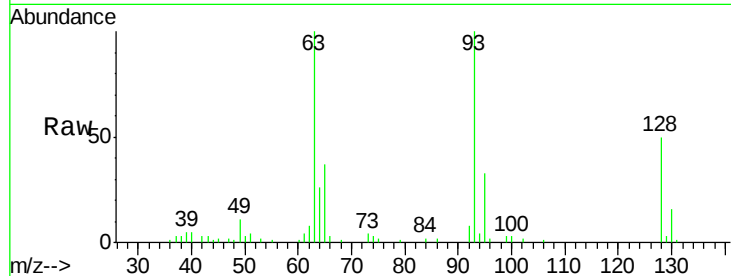




#11
bis(2-Chloroethyl)ether
Concen: 26.45 ng
RT: 7.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

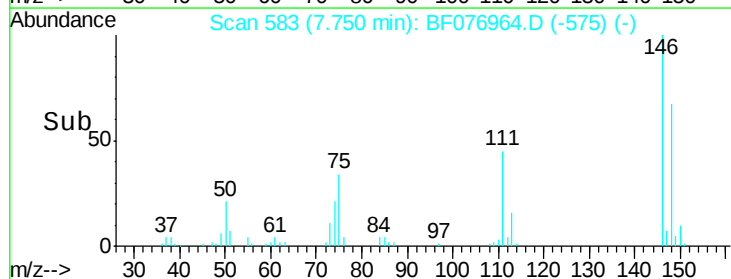
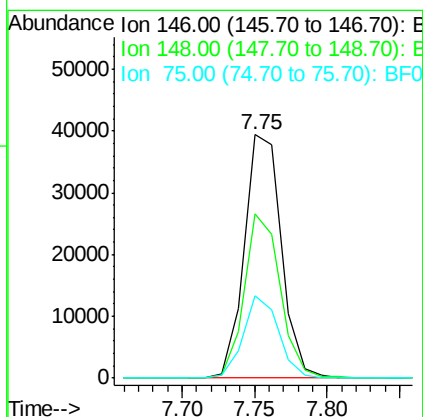
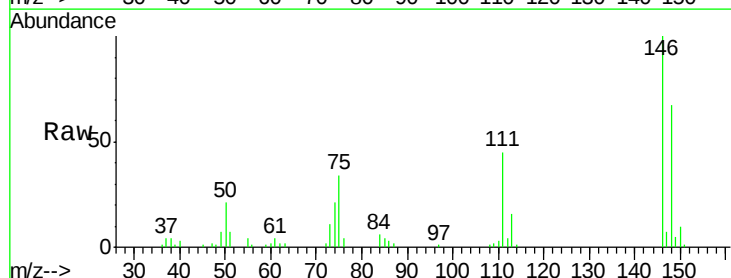
Instrument :
BNA_F
ClientSampleId :

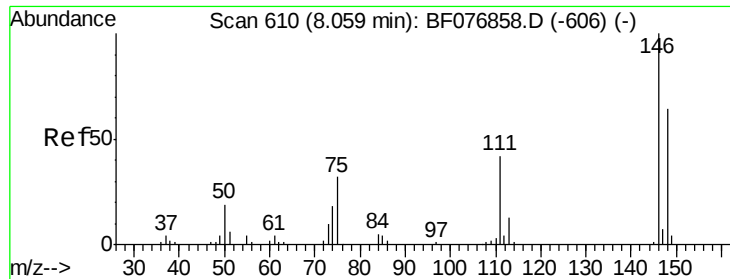
Tot Ion: 93 Resp: 60482
Ion Ratio Lower Upper
93 100
63 100.2 111.3 151.3#
95 32.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 24.40 ng
RT: 7.75 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion: 146 Resp: 69825
Ion Ratio Lower Upper
146 100
148 67.5 48.1 72.1
75 33.7 26.8 40.2

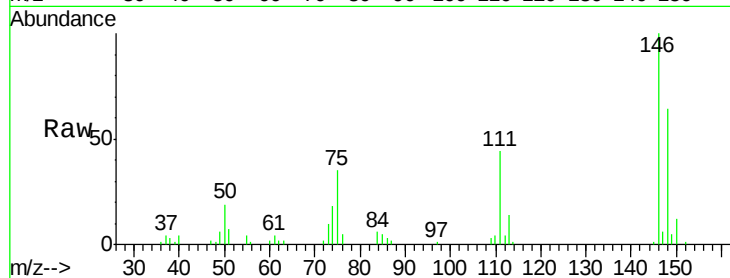




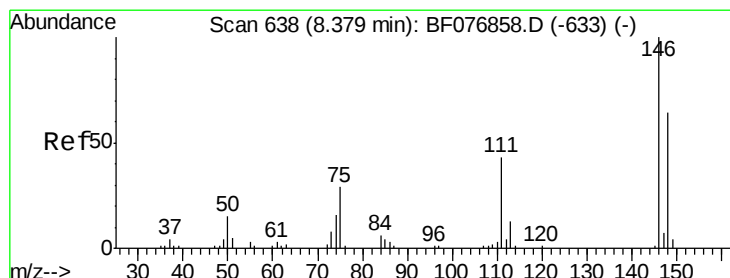
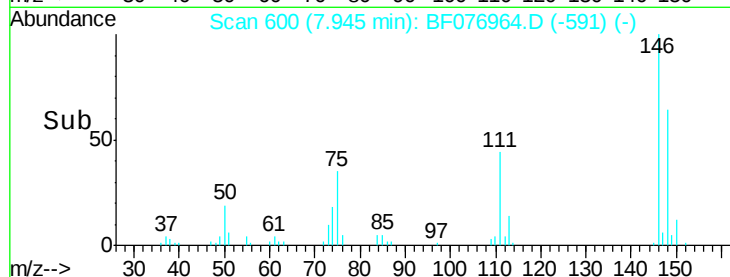
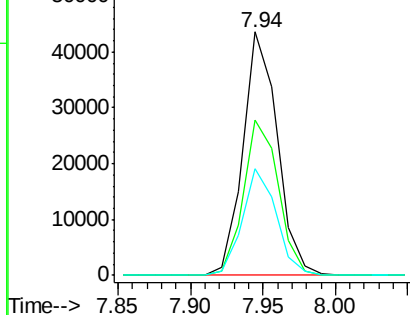
#13
 1,4-Dichlorobenzene
 Concen: 23.66 ng
 RT: 7.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 71782
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.5 77.3
 111 44.0 33.9 50.9

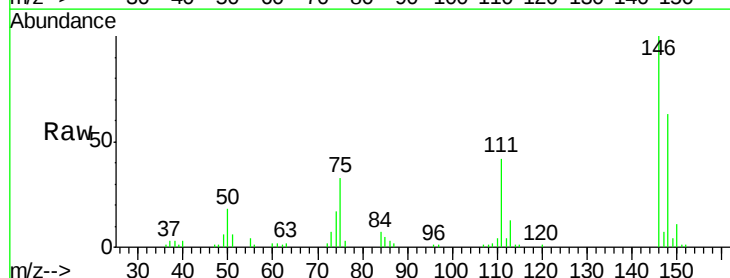


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

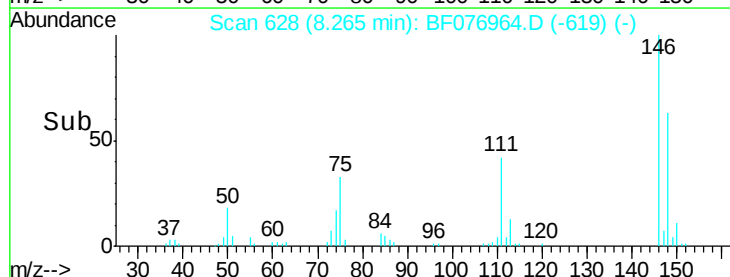
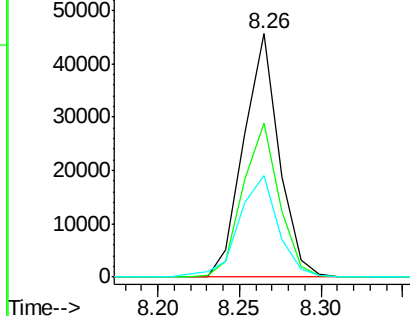


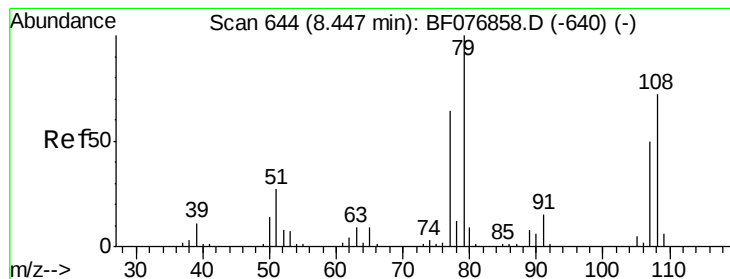
#14
 1,2-Dichlorobenzene
 Concen: 24.54 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion:146 Resp: 68603
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.3 76.9
 111 41.6 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 25.77 ng

RT: 8.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :
BNA_F
ClientSampled :

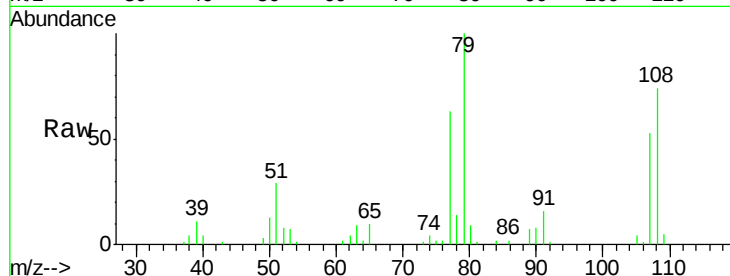
Tot Ion: 79 Resp: 57379

Ion Ratio Lower Upper

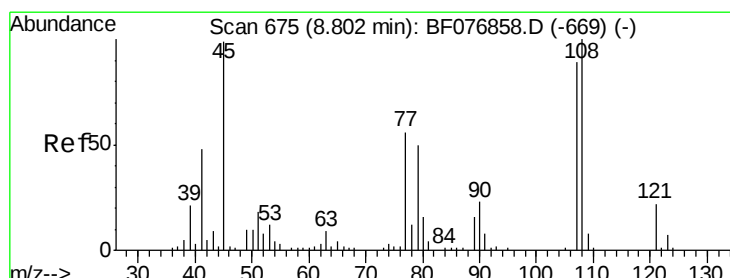
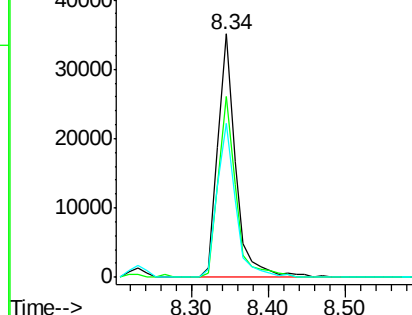
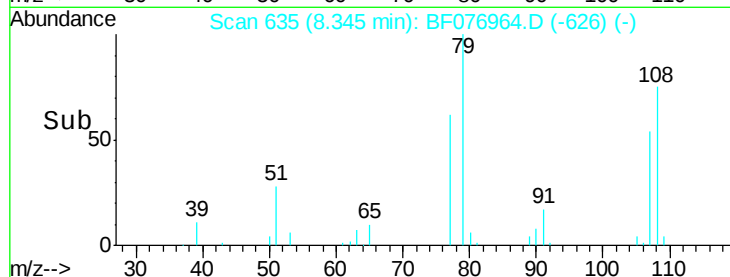
79 100

108 74.1 57.2 85.8

77 63.3 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.82 ng

RT: 8.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

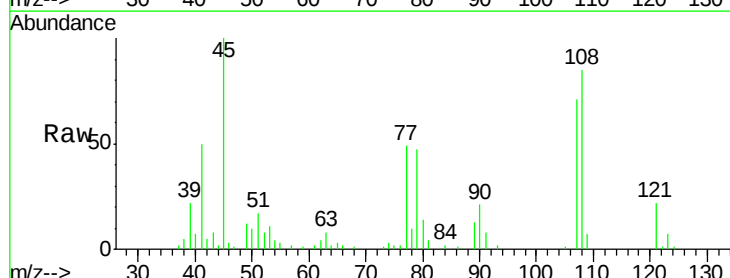
Tgt Ion: 45 Resp: 79364

Ion Ratio Lower Upper

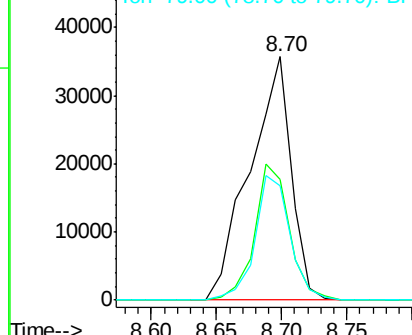
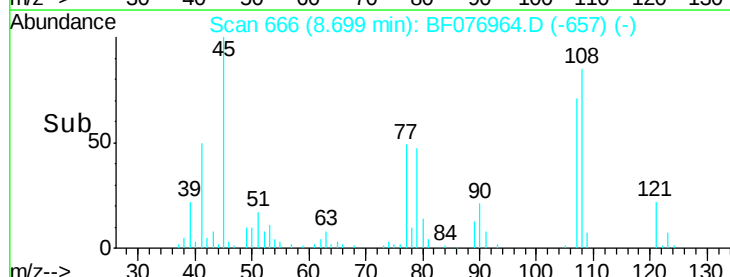
45 100

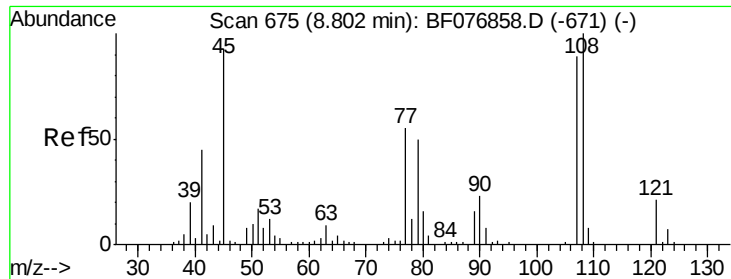
77 49.5 36.1 76.1

79 47.1 30.5 70.5



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





#17

2-Methylphenol

Concen: 23.91 ng

RT: 8.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 49145

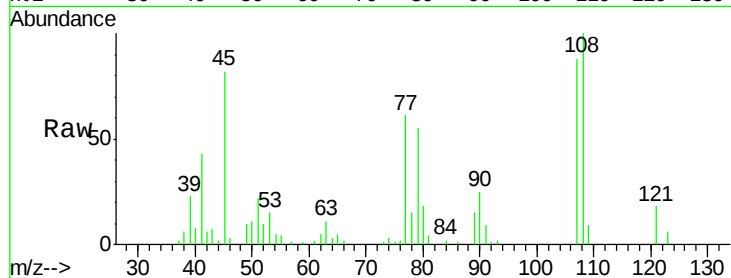
Ion Ratio Lower Upper

107 100

108 113.6 89.7 134.5

77 68.9 50.1 75.1

79 62.5 45.0 67.6

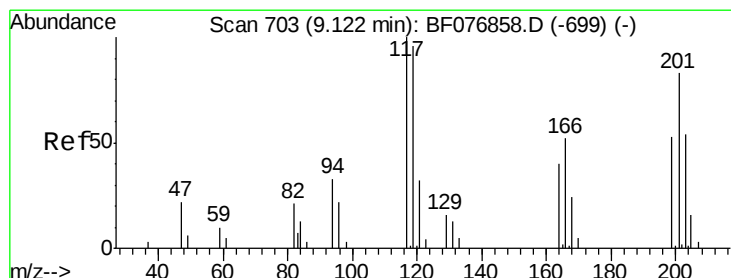
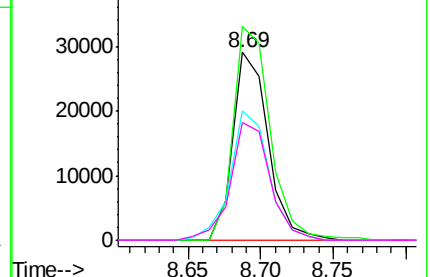
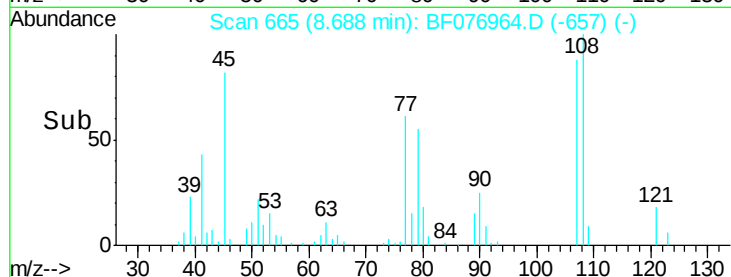


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 24.33 ng

RT: 9.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

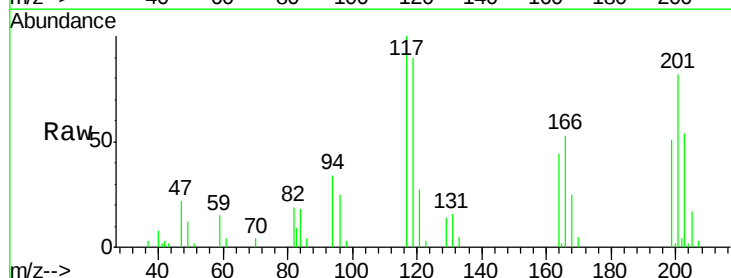
Tgt Ion:117 Resp: 25675

Ion Ratio Lower Upper

117 100

119 89.7 77.1 115.7

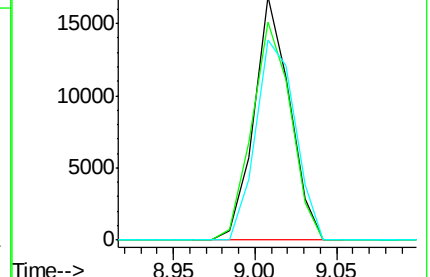
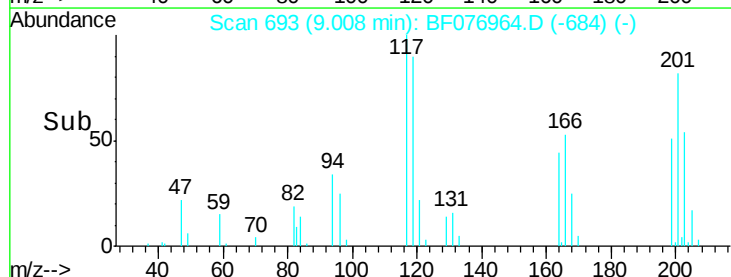
201 82.1 66.8 100.2

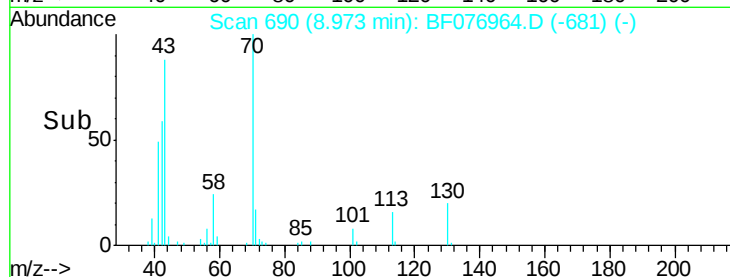
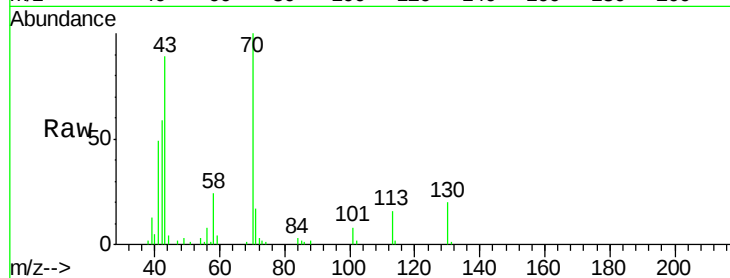
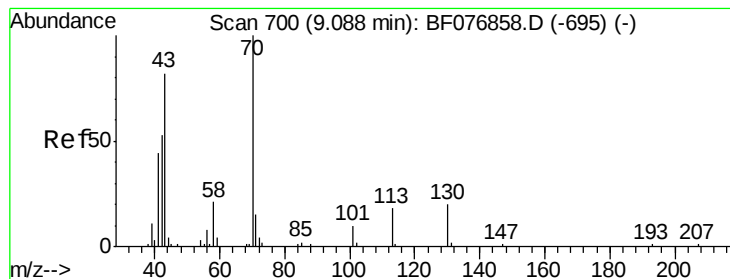


Abundance Ion 117.00 (116.70 to 117.70): E

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: 25.31 ng

RT: 8.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 48751

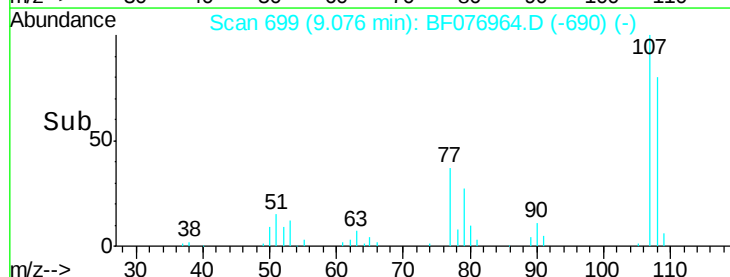
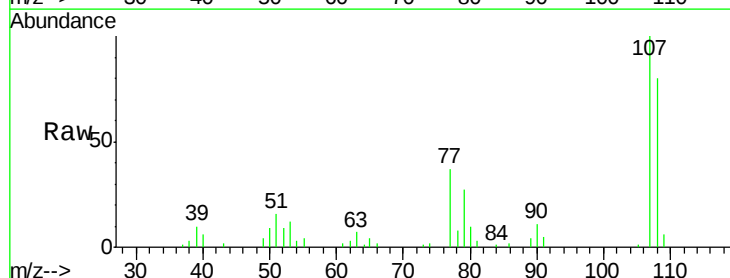
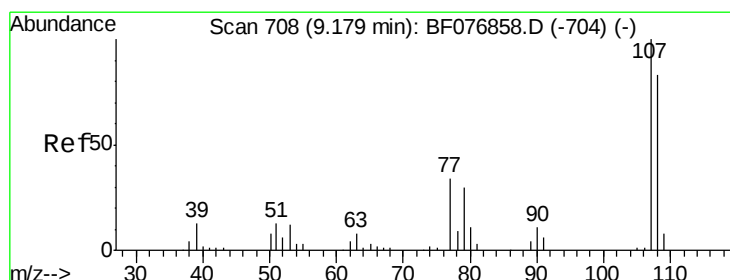
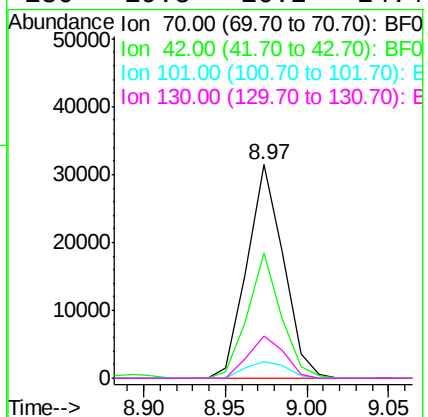
Ion Ratio Lower Upper

70 100

42 58.5 42.1 63.1

101 8.0 7.8 11.8

130 19.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 24.53 ng

RT: 9.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Tgt Ion: 107 Resp: 66742

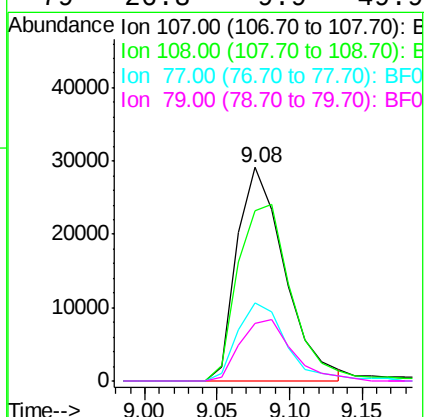
Ion Ratio Lower Upper

107 100

108 79.9 63.5 103.5

77 36.7 14.0 54.0

79 26.8 9.9 49.9

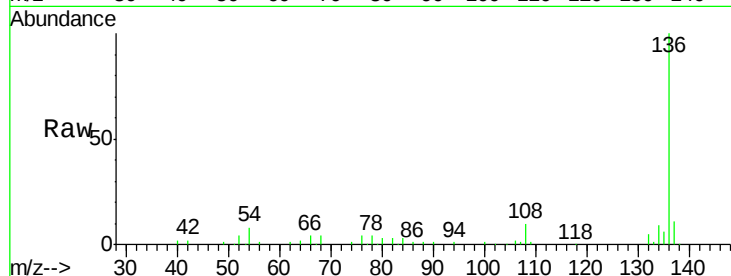




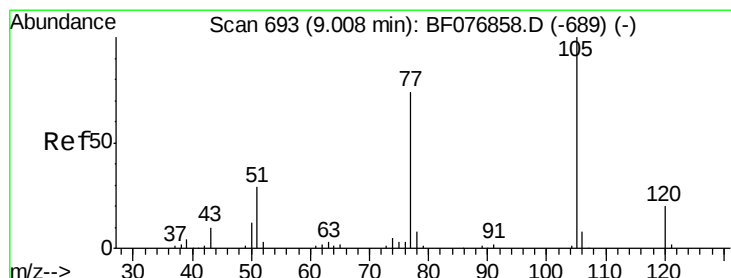
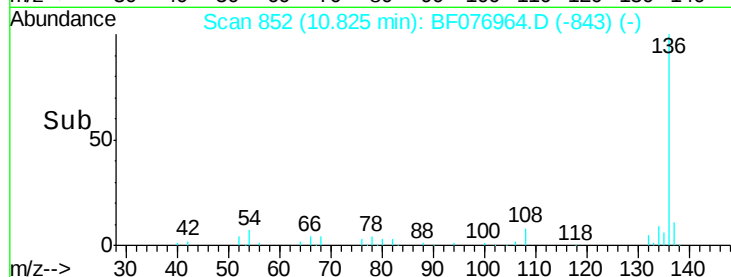
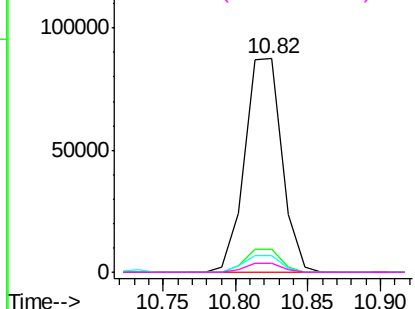
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.82 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	155077
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.1 12.1
54	7.6	7.0 10.4
68	4.3	3.7 5.5

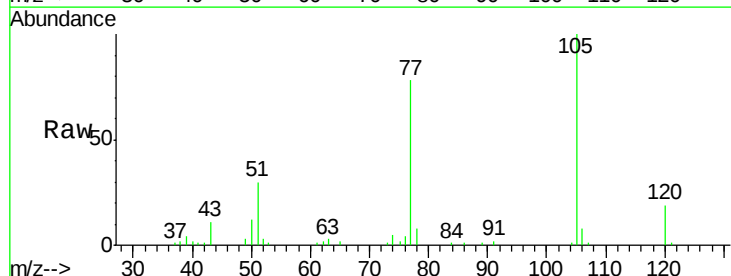


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

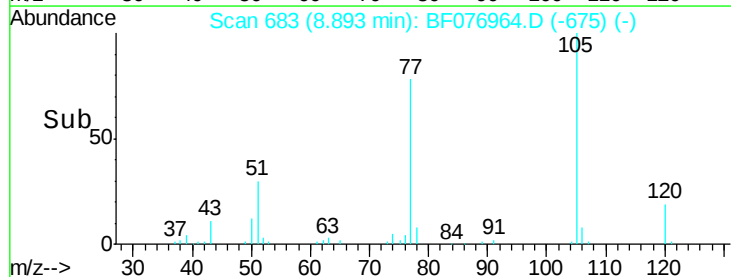
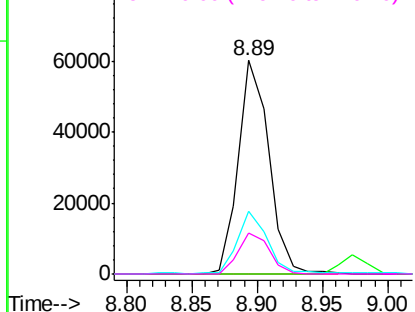


#22
Acetophenone
Concen: 25.85 ng
RT: 8.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:105	Resp:	98200
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	29.5	23.3 34.9
120	19.5	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

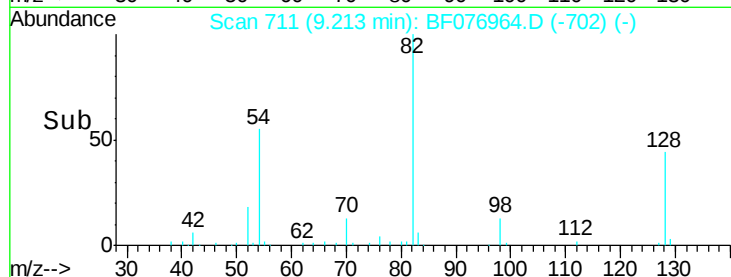
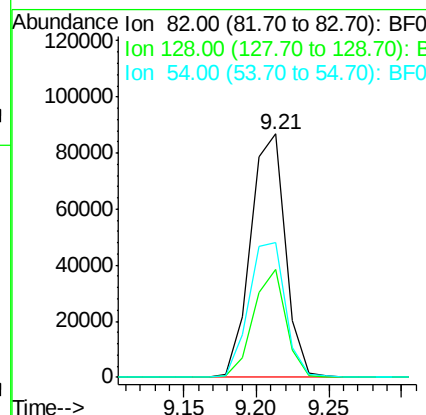
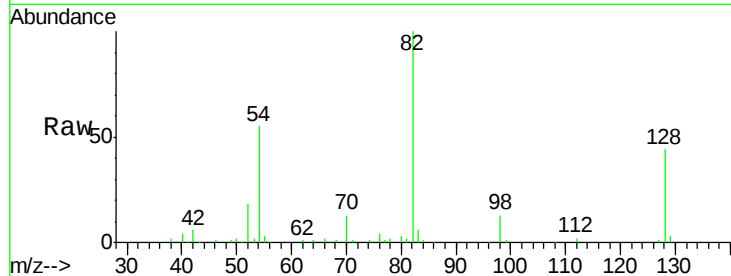




#23
 Nitrobenzene-d5
 Concen: 51.70 ng
 RT: 9.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

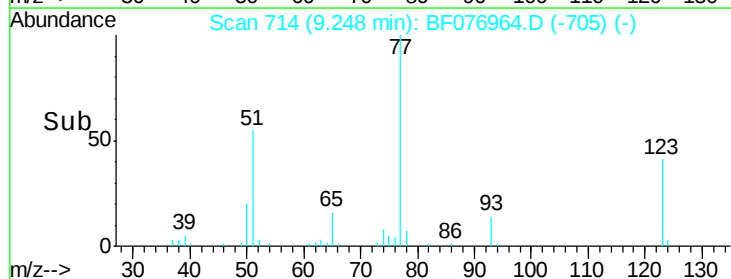
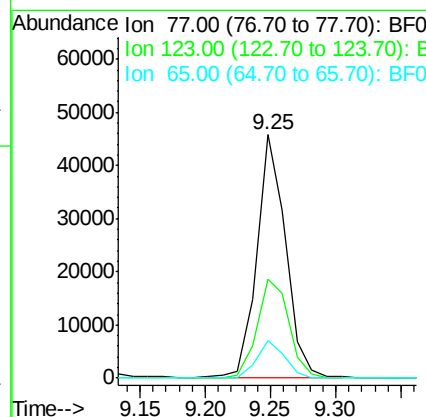
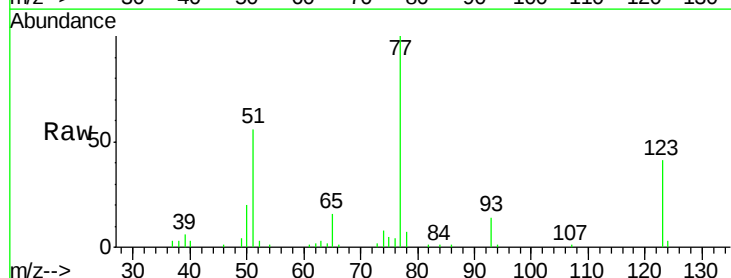
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	144703
Ion Ratio	100	Lower	Upper
128	44.1	33.1	49.7
54	55.3	48.3	72.5



#24
 Nitrobenzene
 Concen: 24.87 ng
 RT: 9.25 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion	77	Resp	70917
Ion Ratio	100	Lower	Upper
123	40.5	35.2	52.8
65	15.5	11.4	17.2





#25

Isophorone

Concen: 25.10 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampled :

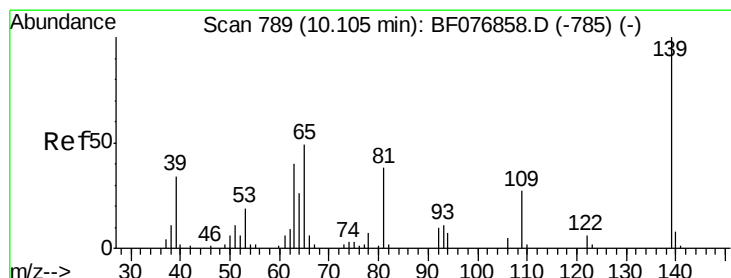
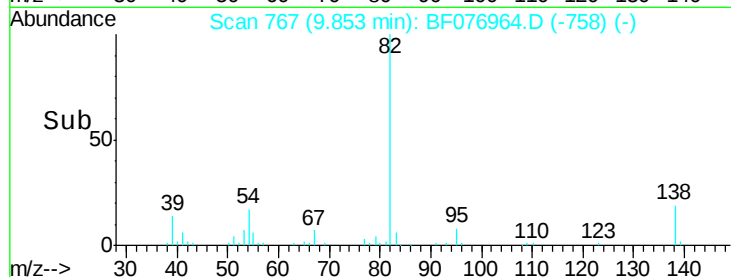
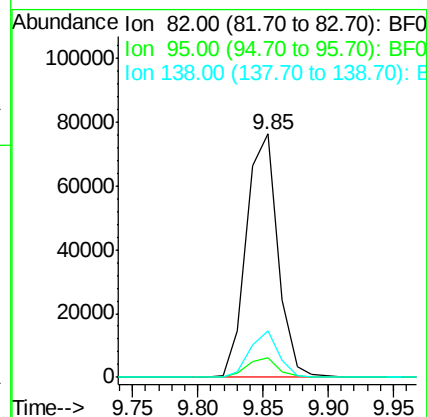
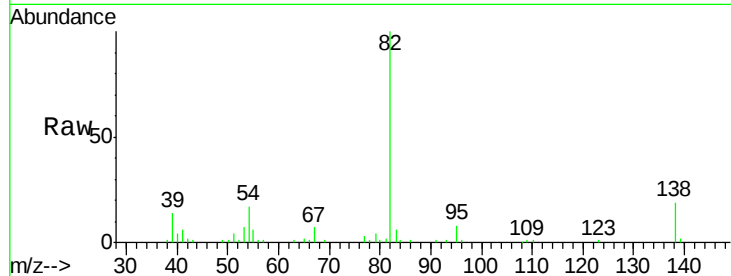
Tot Ion: 82 Resp: 127969

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 18.9 12.6 18.8#



#26

2-Nitrophenol

Concen: 23.94 ng

RT: 9.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

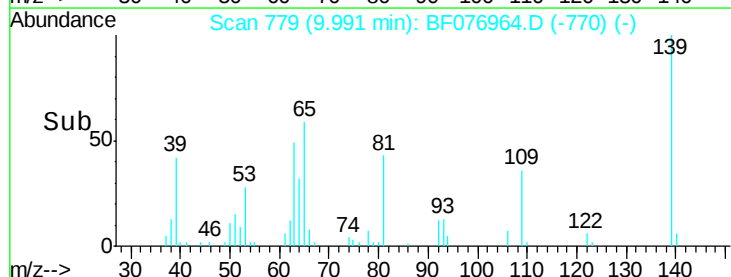
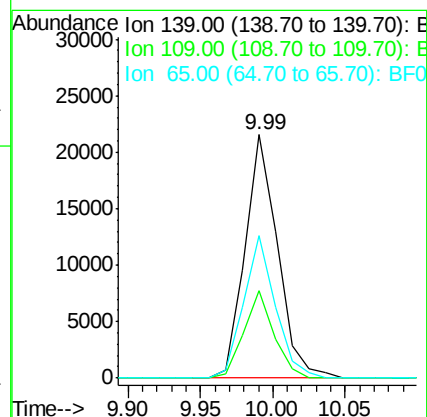
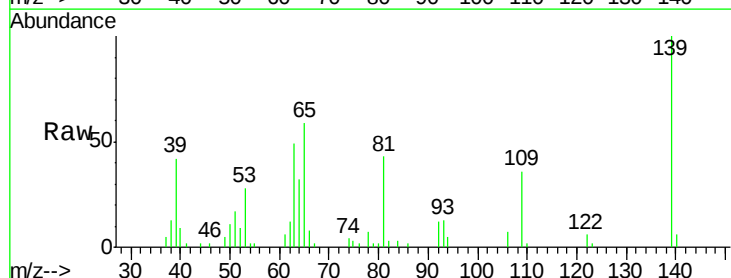
Tgt Ion: 139 Resp: 33619

Ion Ratio Lower Upper

139 100

109 35.7 21.3 31.9#

65 58.7 39.4 59.0

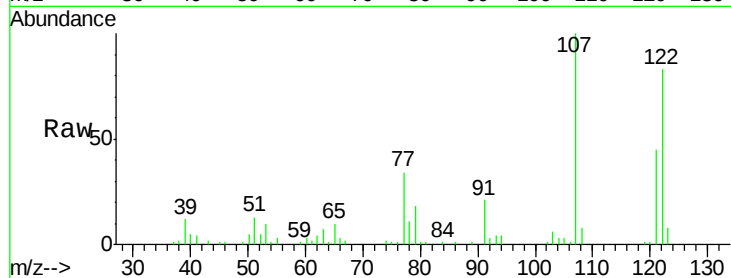




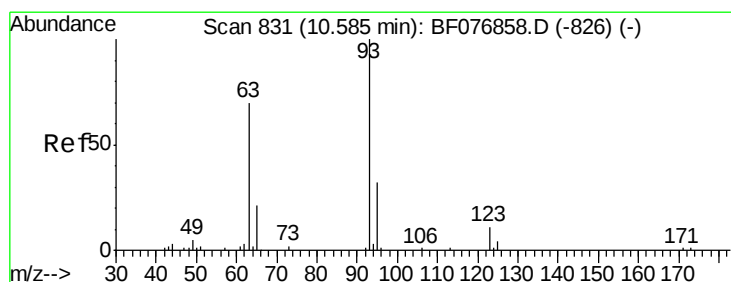
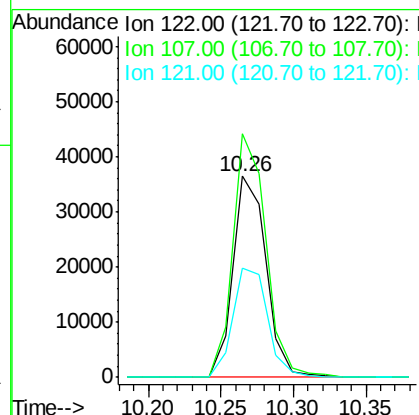
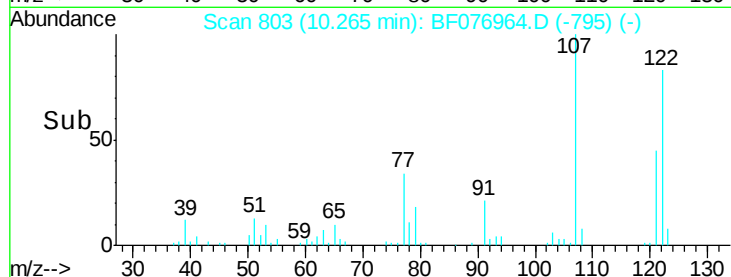
#27
 2,4-Dimethylphenol
 Concen: 26.30 ng
 RT: 10.26 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 58000
 Ion Ratio Lower Upper
 122 100
 107 121.0 95.2 142.8
 121 54.2 42.9 64.3

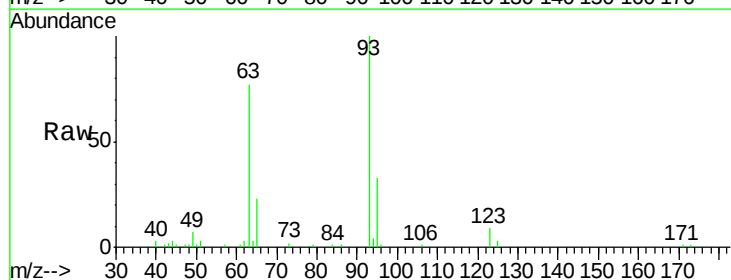


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

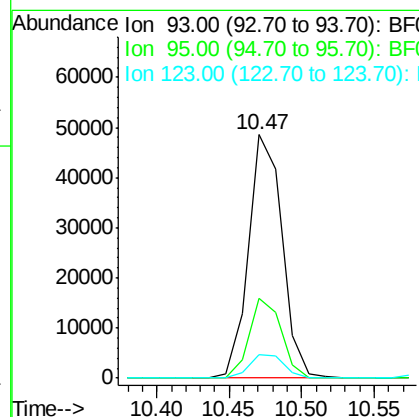
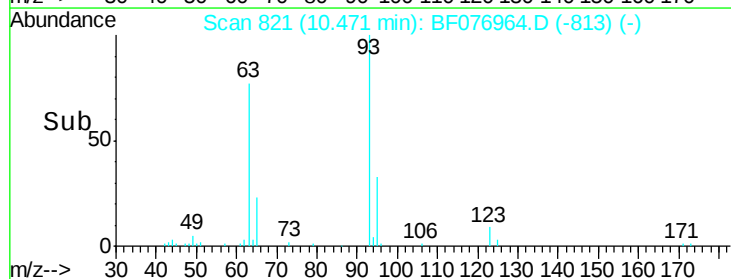


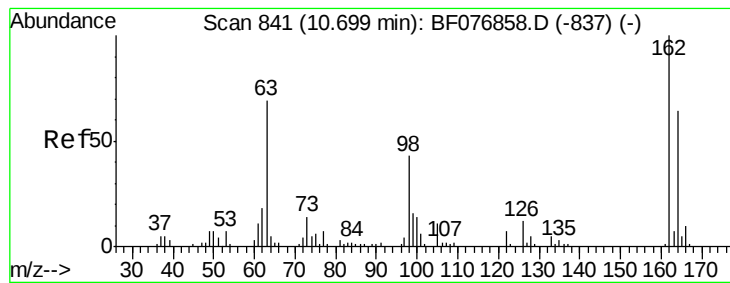
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.89 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion: 93 Resp: 77926
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.6 38.4
 123 9.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 27.18 ng

RT: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

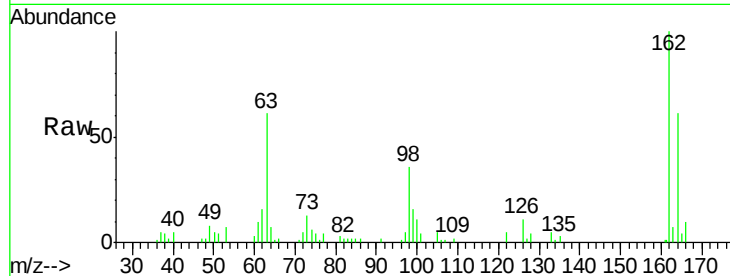
Tot Ion:162 Resp: 55852

Ion Ratio Lower Upper

162 100

164 60.5 43.8 83.8

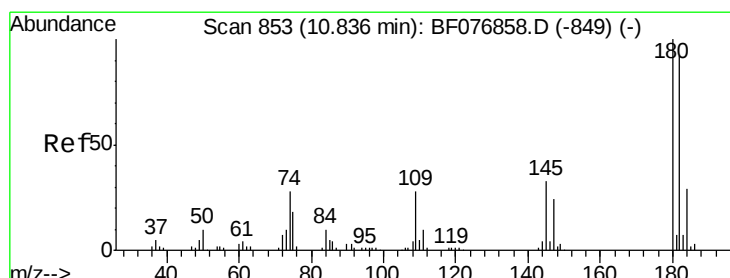
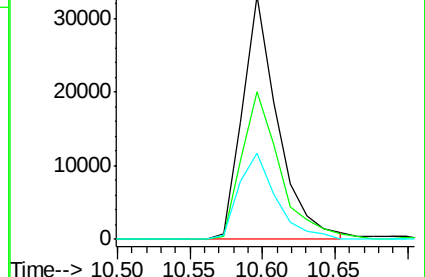
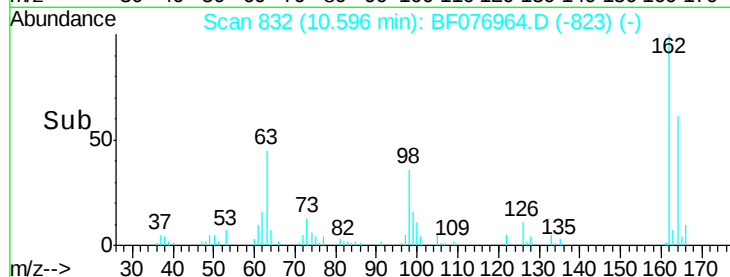
98 35.5 22.5 62.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 24.81 ng

RT: 10.73 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

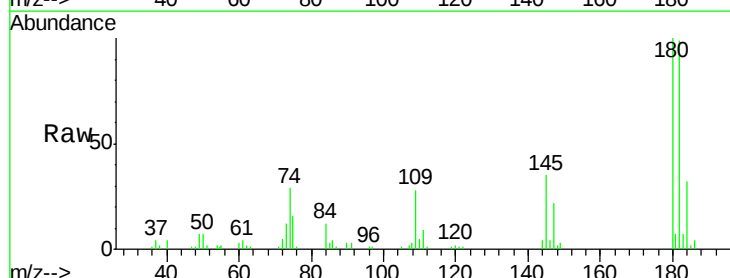
Tgt Ion:180 Resp: 56634

Ion Ratio Lower Upper

180 100

182 98.9 73.6 110.4

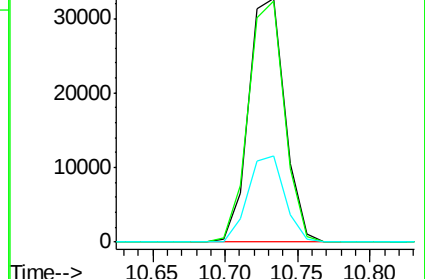
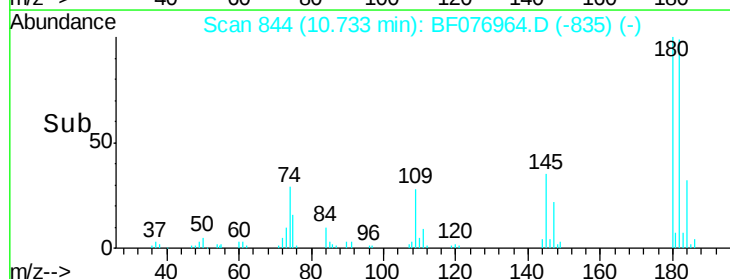
145 35.5 26.6 39.8



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

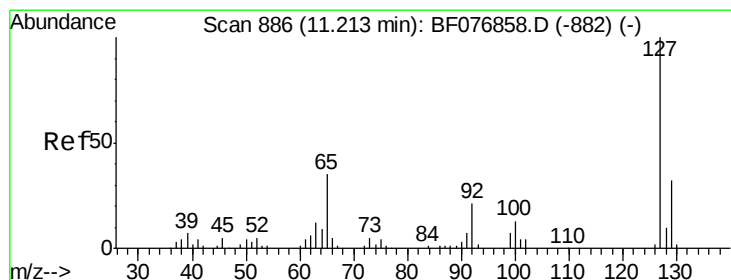
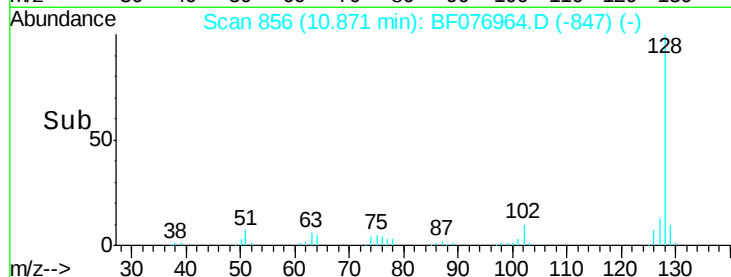
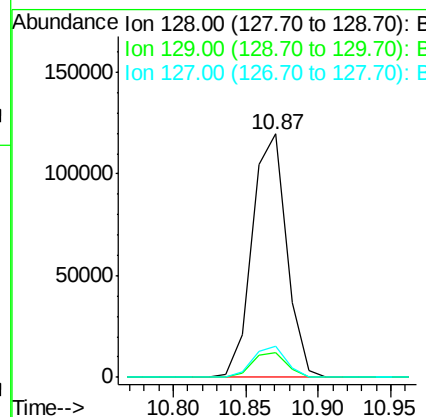
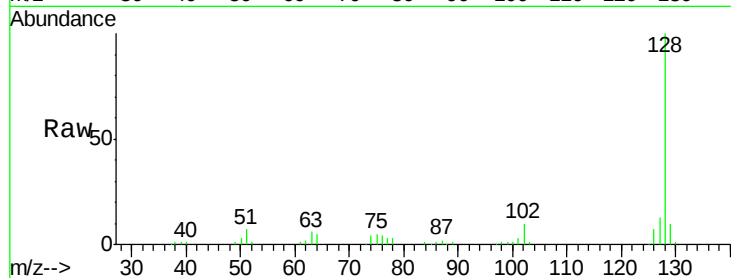




#31
Naphthalene
Concen: 24.72 ng
RT: 10.87 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

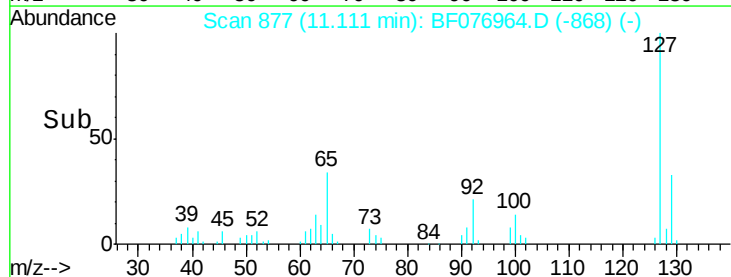
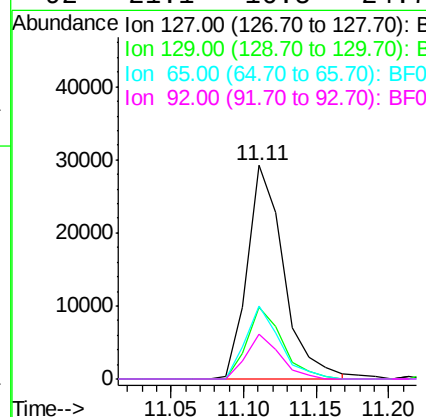
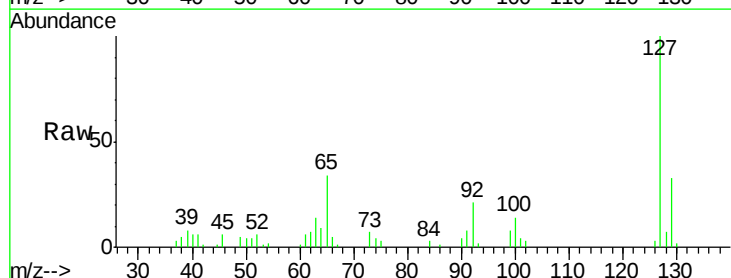
Instrument :
BNA_F
ClientSampleId :

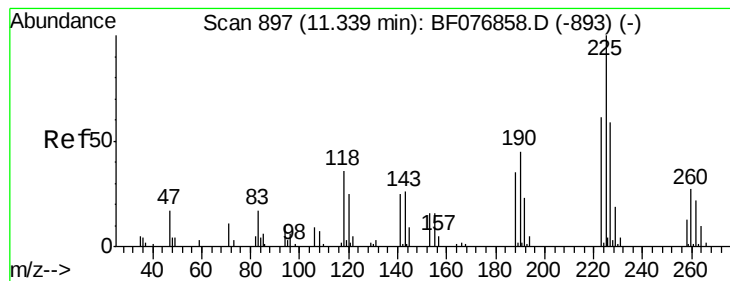
Tot Ion:128 Resp: 197359
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 12.9 10.2 15.2



#33
4-Chloroaniline
Concen: 15.86 ng
RT: 11.11 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:127 Resp: 51165
Ion Ratio Lower Upper
127 100
129 33.5 25.3 37.9
65 34.5 27.8 41.6
92 21.1 16.5 24.7





#34

Hexachlorobutadiene

Concen: 24.87 ng

RT: 11.24 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :
BNA_F
ClientSampled :

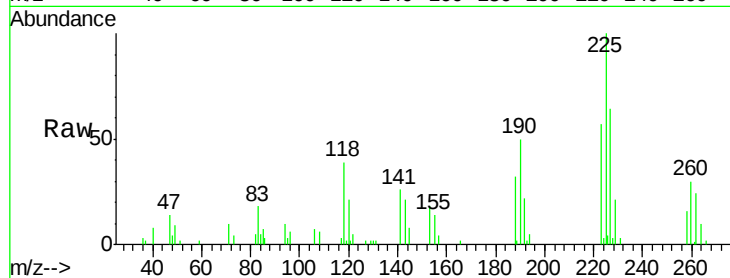
Tot Ion:225 Resp: 33683

Ion Ratio Lower Upper

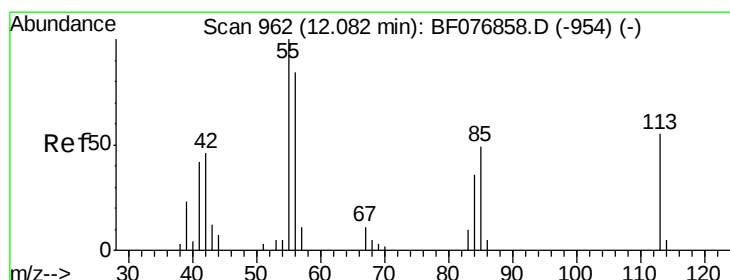
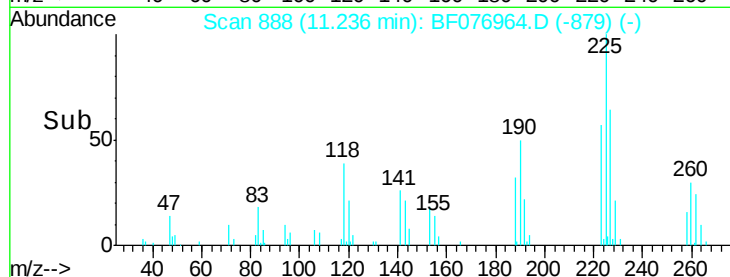
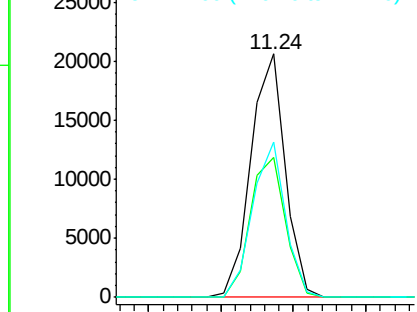
225 100

223 57.2 49.1 73.7

227 63.6 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 24.64 ng

RT: 11.92 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

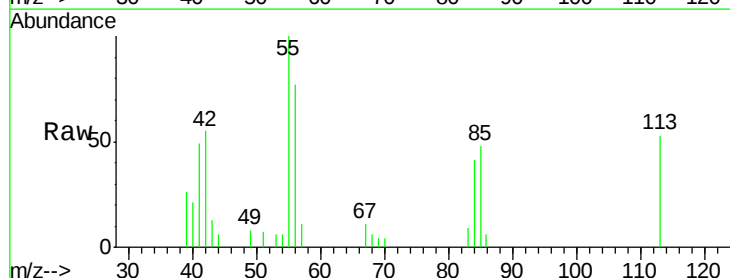
Tgt Ion:113 Resp: 14911

Ion Ratio Lower Upper

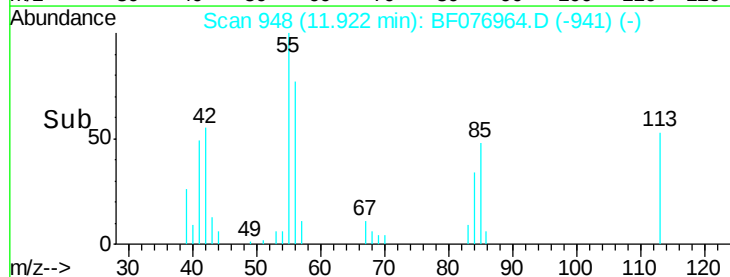
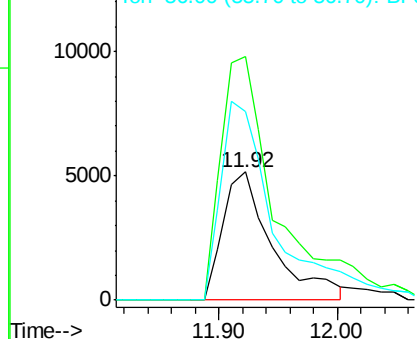
113 100

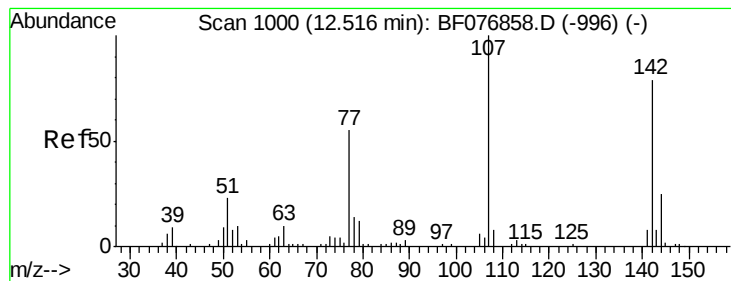
55 189.7 162.1 202.1

56 147.0 133.7 173.7



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





#36

4-Chloro-3-methylphenol

Concen: 25.75 ng

RT: 12.41 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampled :

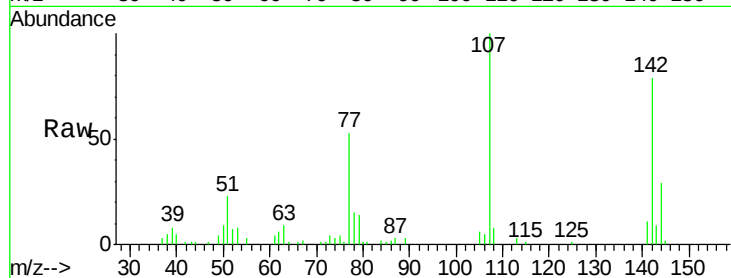
Tot Ion:107 Resp: 60604

Ion Ratio Lower Upper

107 100

144 29.1 20.0 30.0

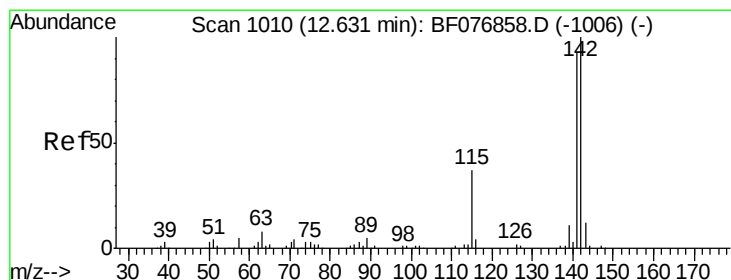
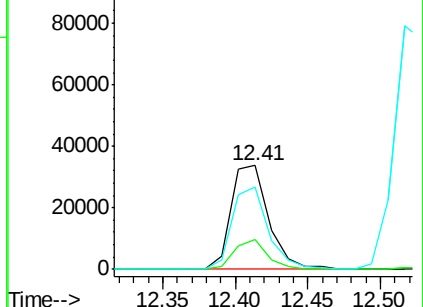
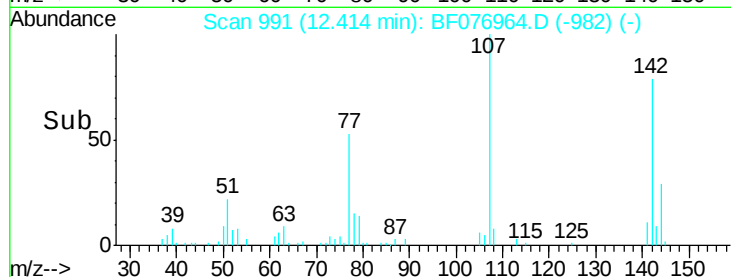
142 79.3 63.5 95.3



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: 25.14 ng

RT: 12.52 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

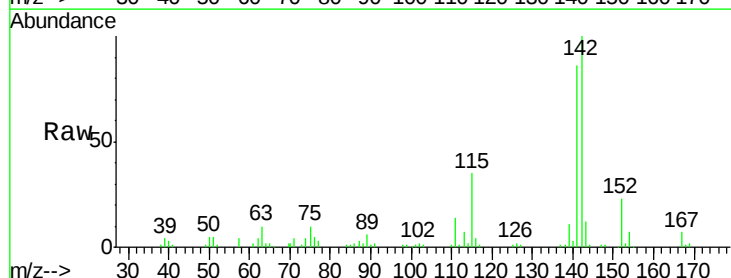
Tgt Ion:142 Resp: 137072

Ion Ratio Lower Upper

142 100

141 85.9 74.5 111.7

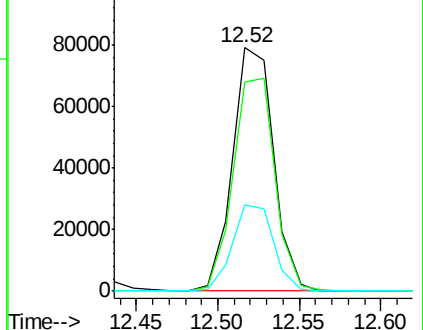
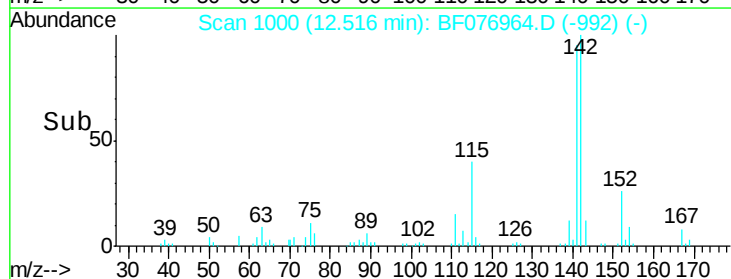
115 35.4 29.7 44.5

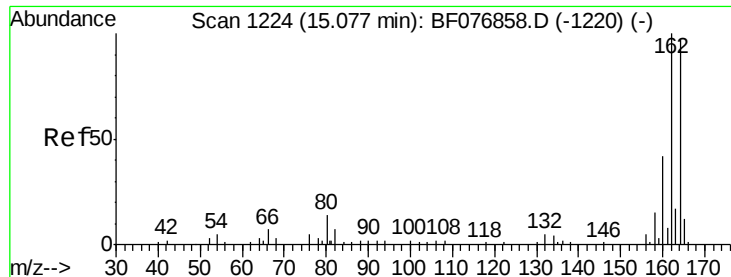


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.95 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

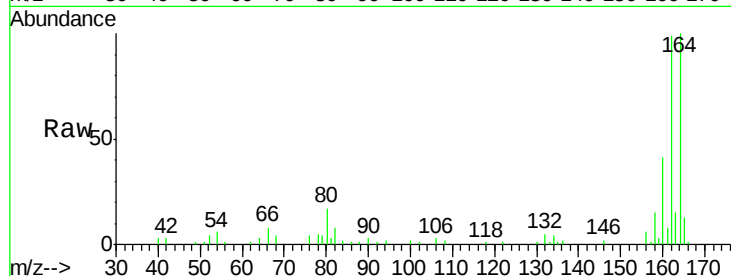
Tot Ion:164 Resp: 86623

Ion Ratio Lower Upper

164 100

162 99.4 82.4 123.6

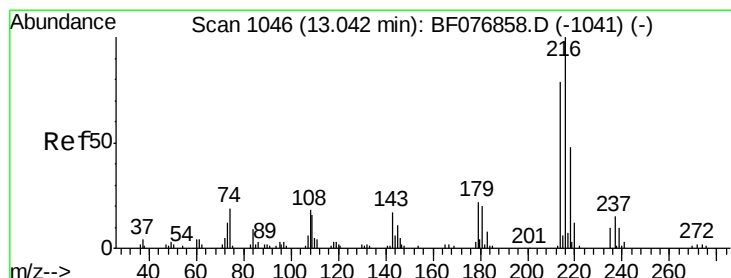
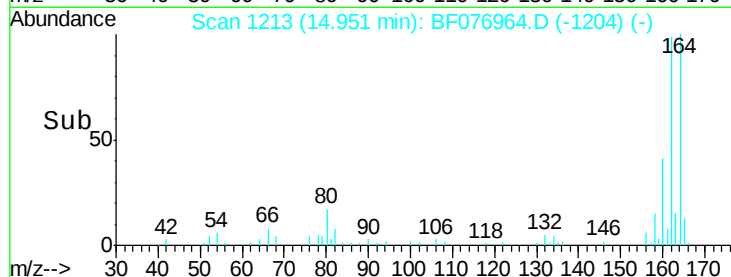
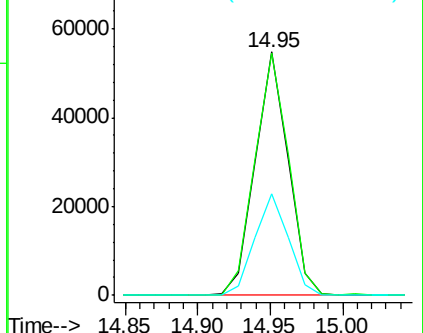
160 41.5 34.8 52.2



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: 24.29 ng

RT: 12.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Tgt Ion:216 Resp: 52011

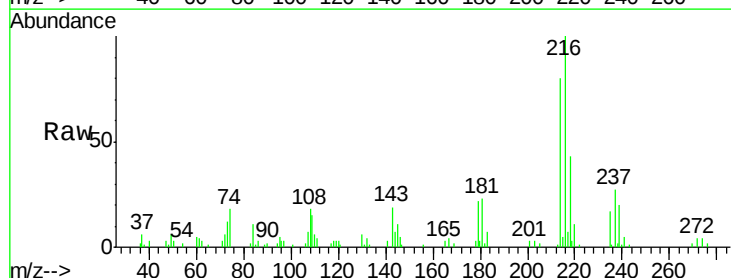
Ion Ratio Lower Upper

216 100

214 83.0 64.9 97.3

179 24.2 18.6 28.0

108 24.4 18.1 27.1

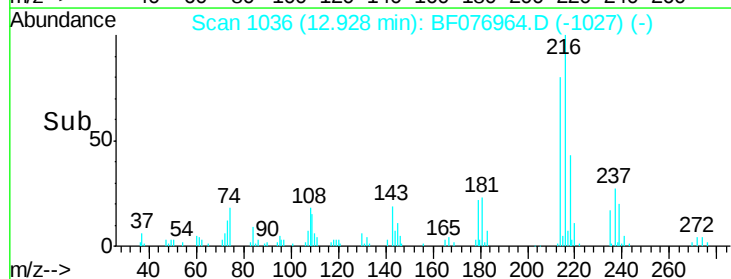
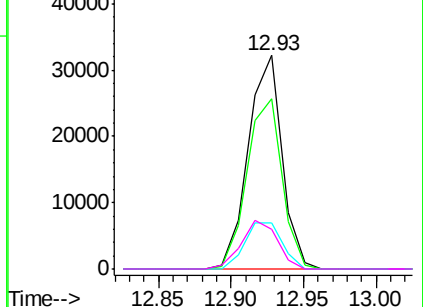


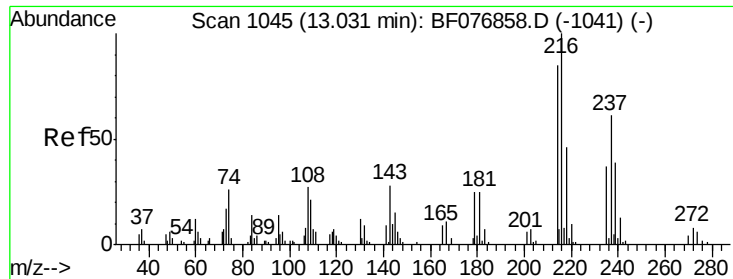
Abundance Ion 216.00 (215.70 to 216.70): E

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

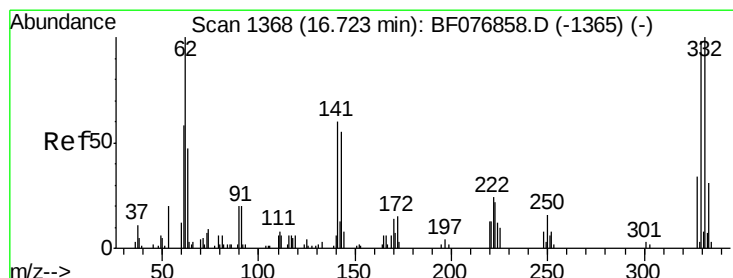
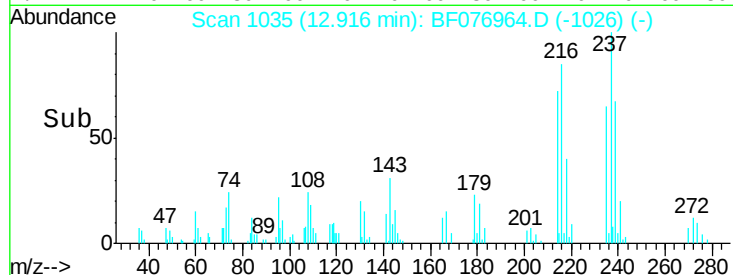
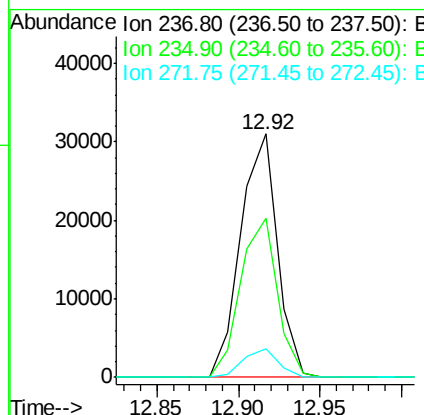
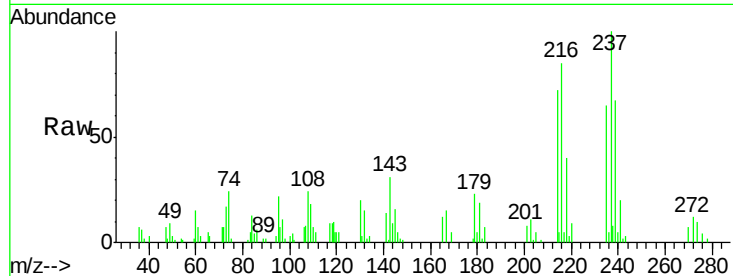




#40
Hexachlorocyclopentadiene
Concen: 44.00 ng
RT: 12.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

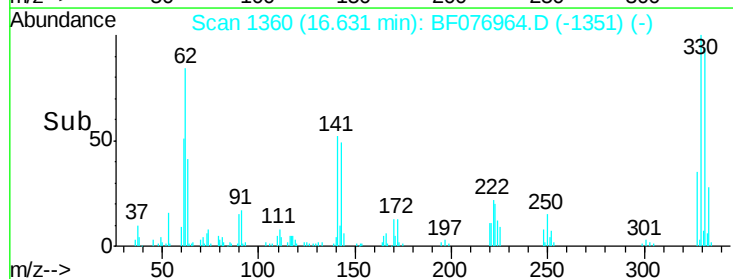
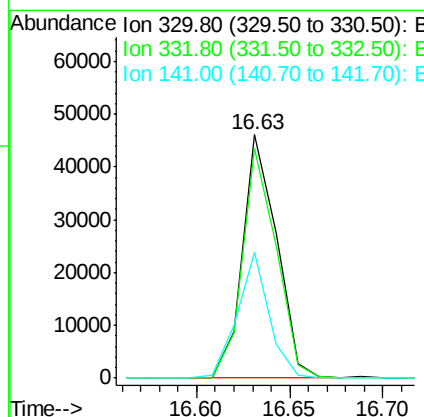
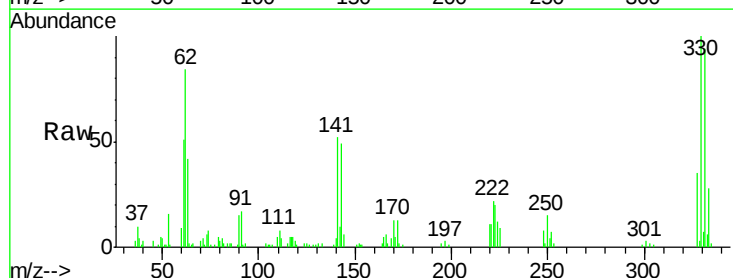
Instrument :
BNA_F
ClientSampled :

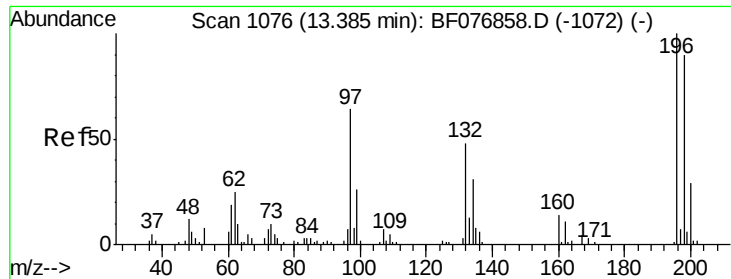
Tot Ion: 237 Resp: 48205
Ion Ratio Lower Upper
237 100
235 65.4 40.4 80.4
272 11.6 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 83.65 ng
RT: 16.63 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion: 330 Resp: 58820
Ion Ratio Lower Upper
330 100
332 93.3 77.8 116.6
141 48.3 38.5 57.7

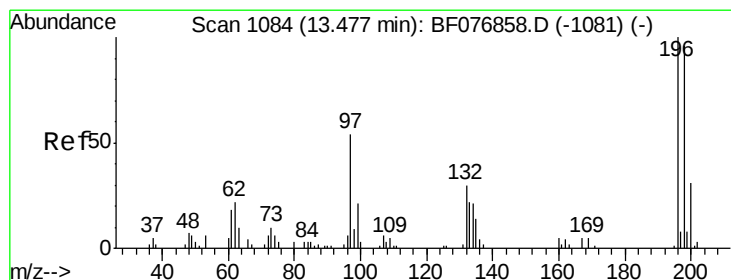
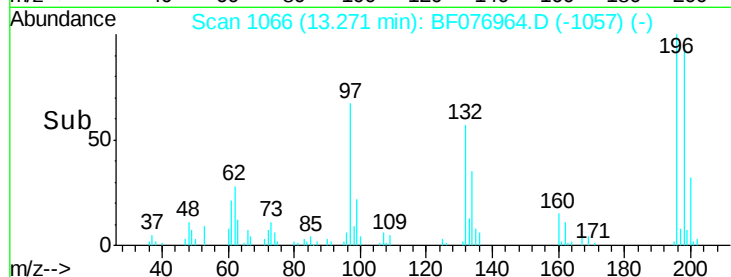
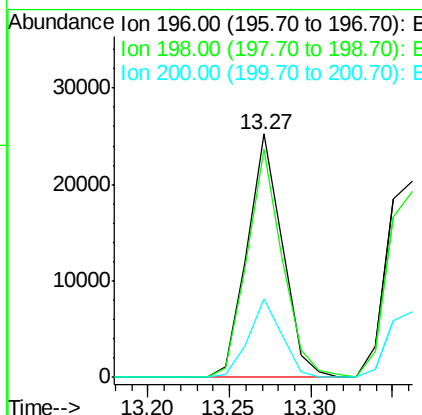
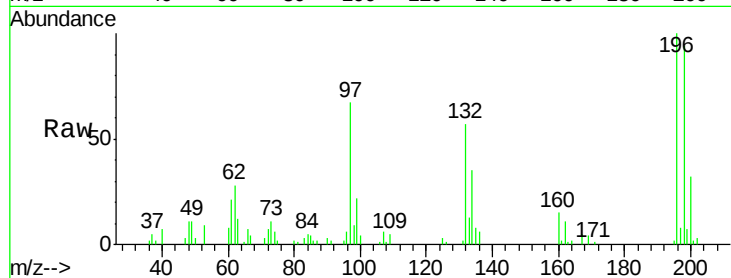




#42
2,4,6-Trichlorophenol
Concen: 24.27 ng
RT: 13.27 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

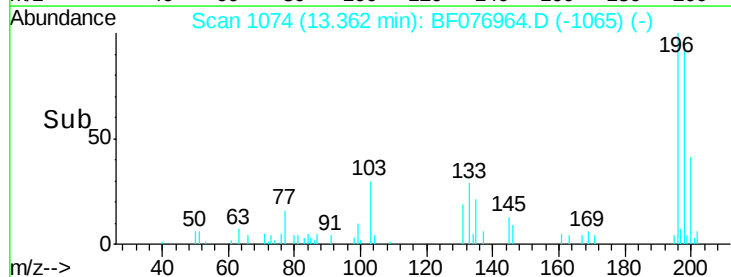
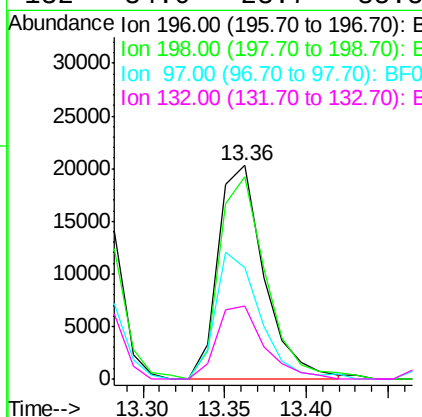
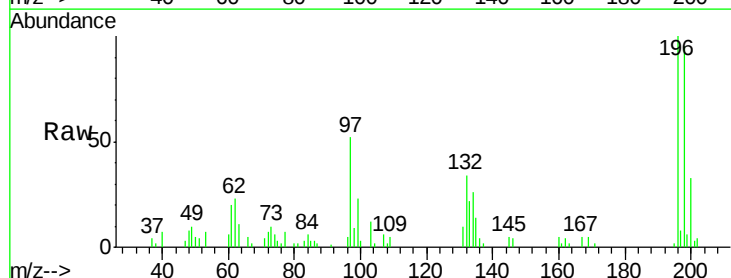
Instrument :
BNA_F
ClientSampled :

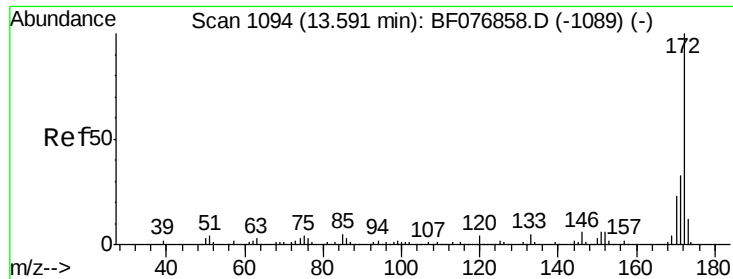
Tot Ion:196 Resp: 37867
Ion Ratio Lower Upper
196 100
198 93.7 72.0 108.0
200 32.2 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 25.07 ng
RT: 13.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:196 Resp: 39891
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
97 52.4 43.4 65.0
132 34.0 23.7 35.5

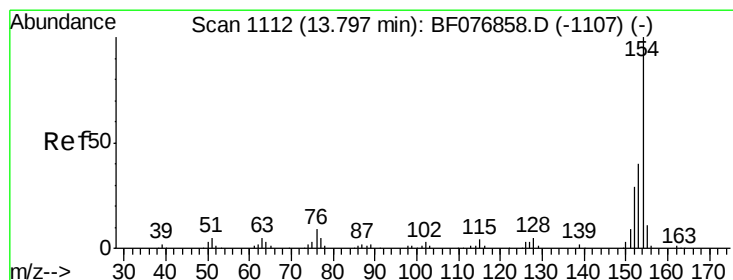
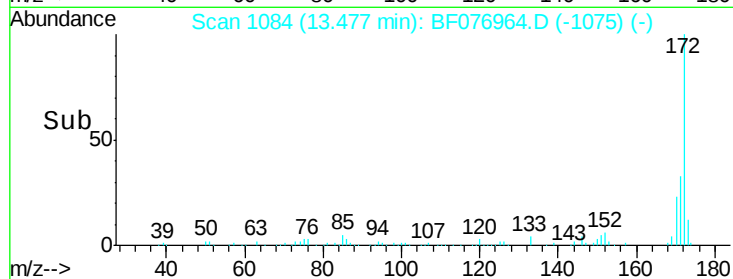
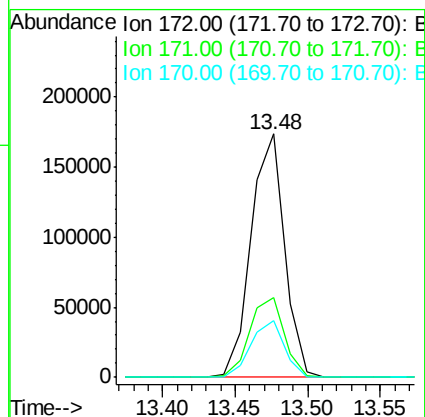
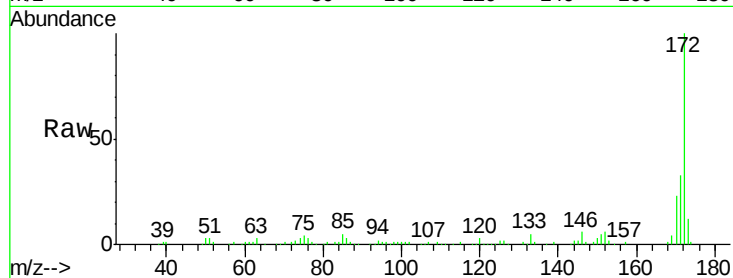




#44
 2-Fluorobiphenyl
 Concen: 48.86 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

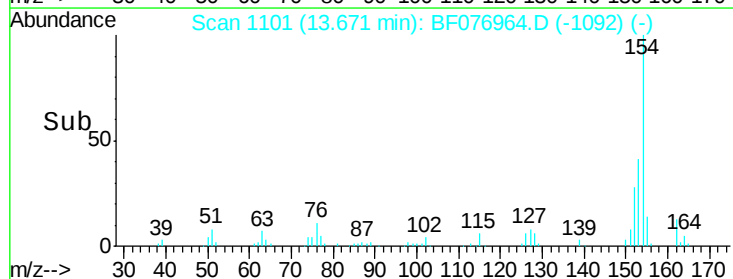
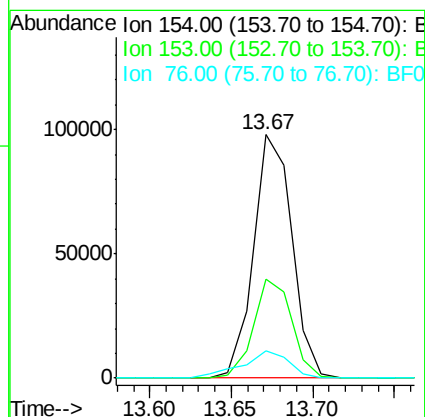
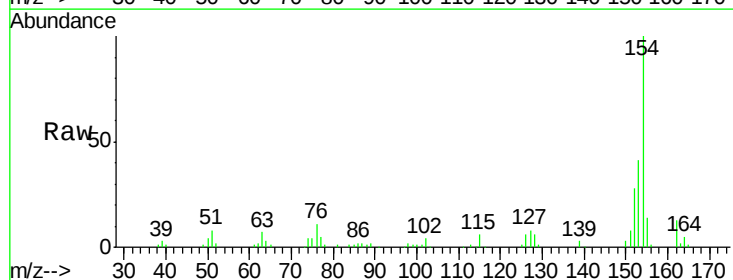
Instrument :
 BNA_F
 ClientSampleId :

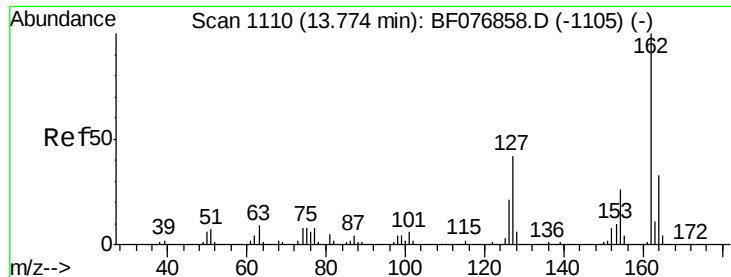
Tot Ion:172 Resp: 278099
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.6 40.0
 170 23.5 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 24.99 ng
 RT: 13.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion:154 Resp: 160469
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.2 60.2
 76 11.2 0.0 29.0

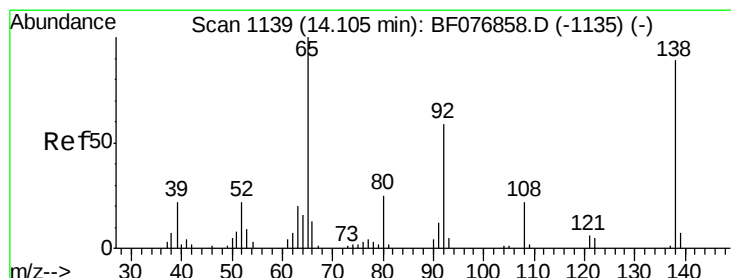
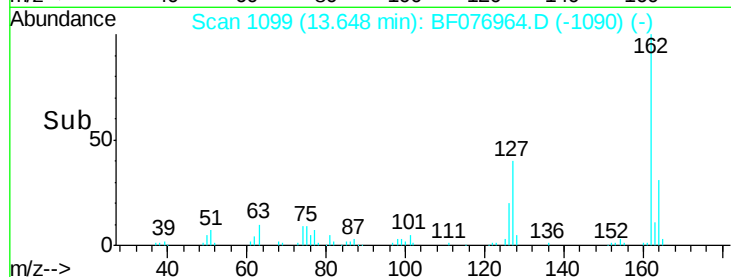
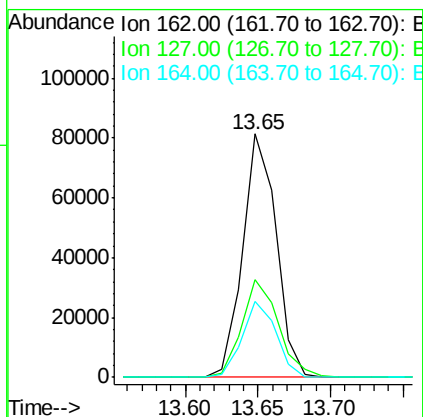
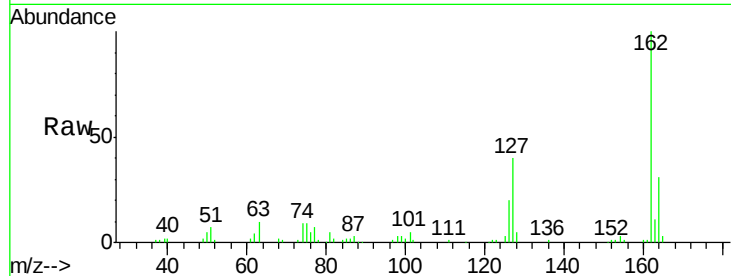




#46
2-Chloronaphthalene
Concen: 24.61 ng
RT: 13.65 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

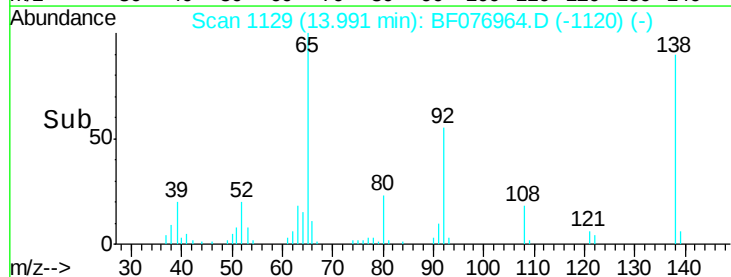
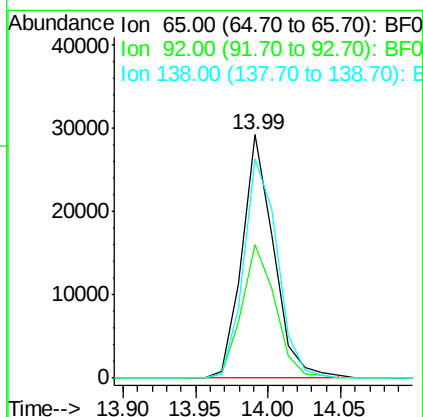
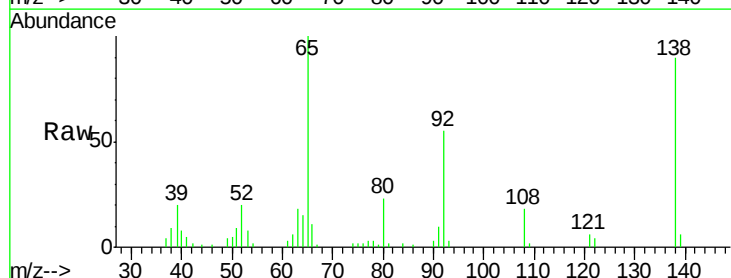
Instrument :
BNA_F
ClientSampleId :

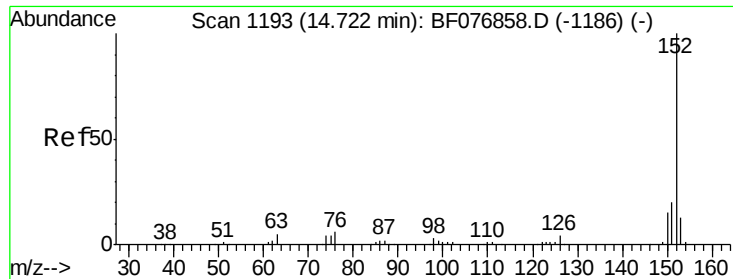
Tot Ion:162 Resp: 130069
Ion Ratio Lower Upper
162 100
127 40.2 33.8 50.6
164 31.1 26.8 40.2



#47
2-Nitroaniline
Concen: 27.61 ng
RT: 13.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion: 65 Resp: 44259
Ion Ratio Lower Upper
65 100
92 54.9 47.3 70.9
138 89.9 71.4 107.2





#48

Acenaphthylene

Concen: 23.78 ng

RT: 14.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

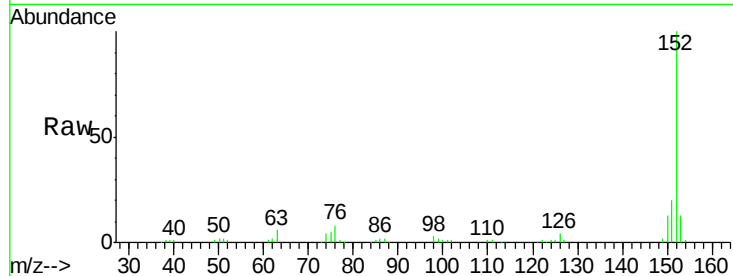
Tot Ion:152 Resp: 211974

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

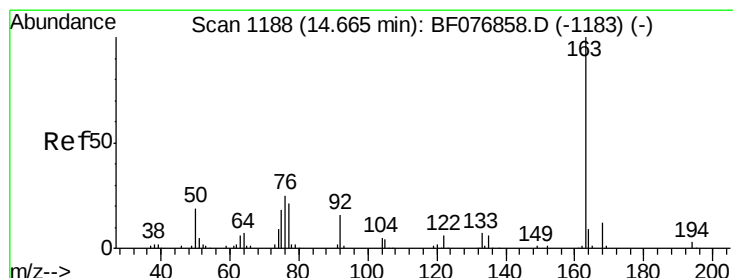
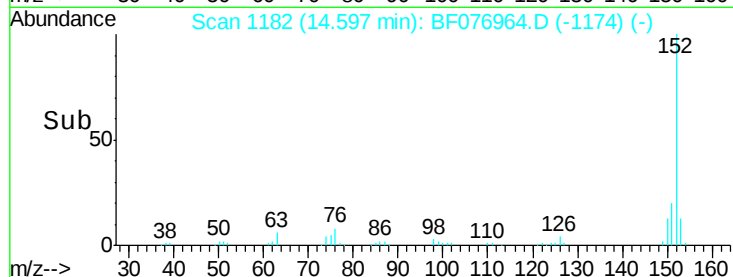
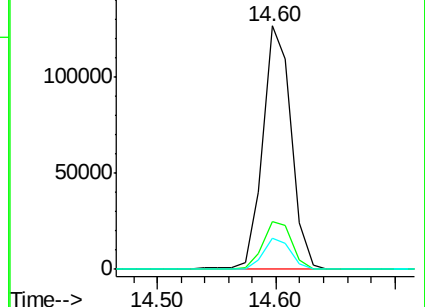
153 12.7 10.2 15.4



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: 29.29 ng

RT: 14.55 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

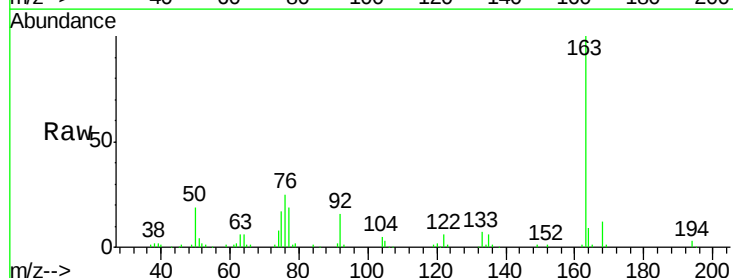
Tgt Ion:163 Resp: 179904

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

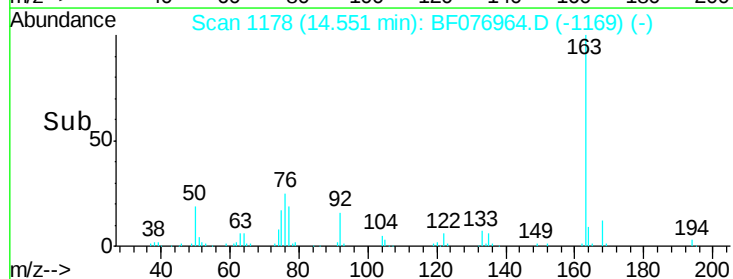
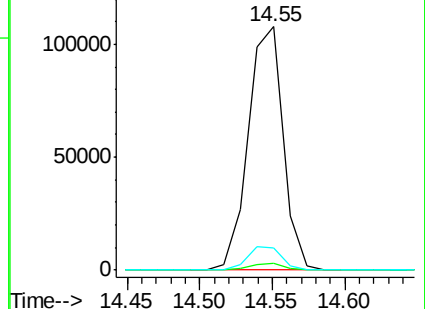
164 9.1 7.5 11.3

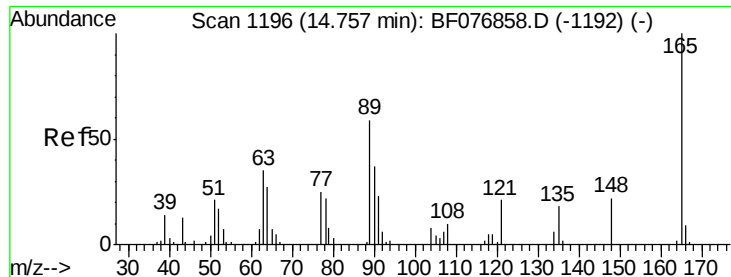


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

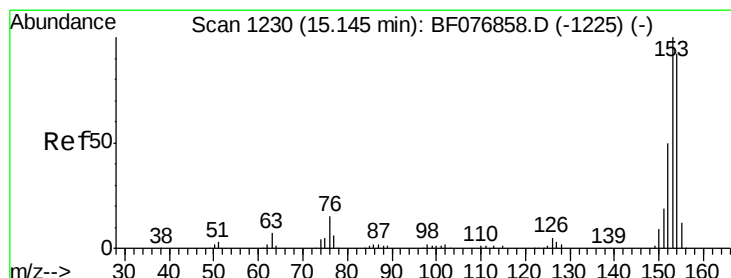
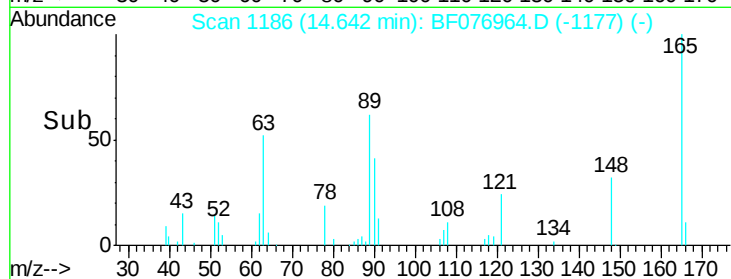
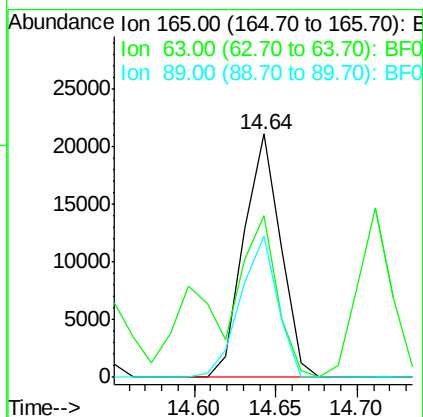
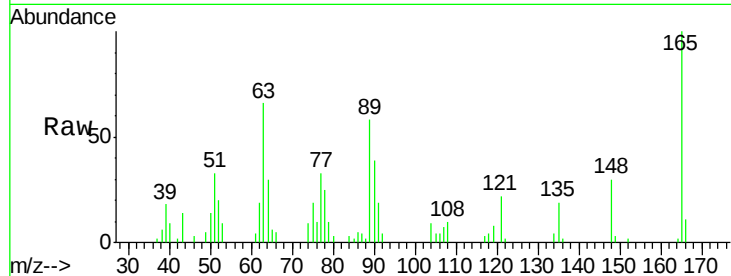




#50
2,6-Dinitrotoluene
Concen: 26.88 ng
RT: 14.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

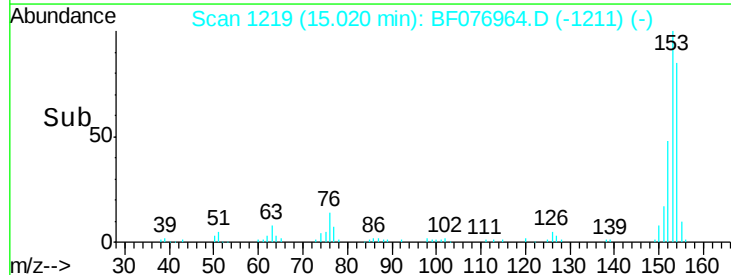
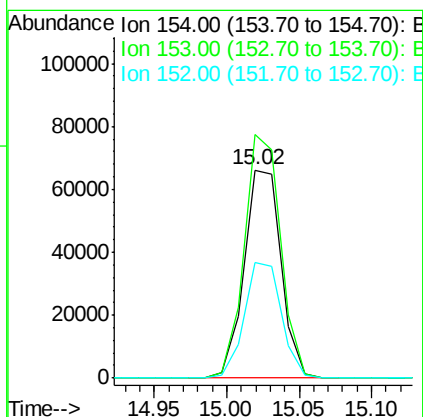
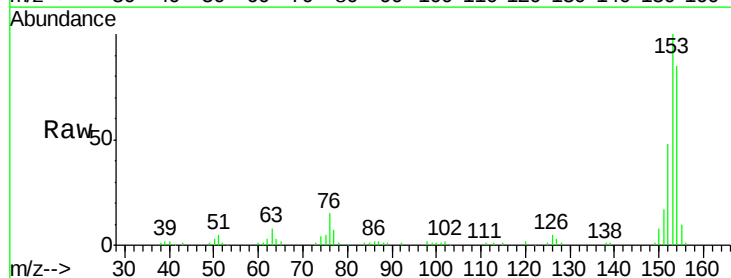
Instrument :
BNA_F
ClientSampleId :

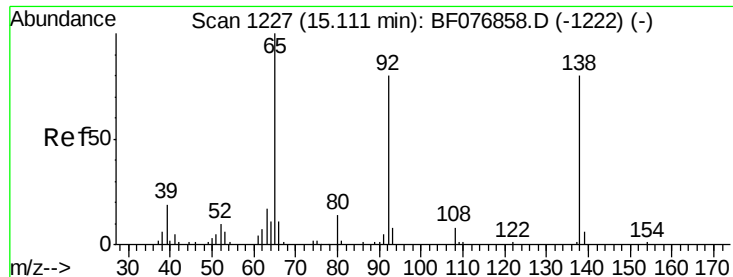
Tot Ion:165 Resp: 32991
Ion Ratio Lower Upper
165 100
63 66.3 48.1 72.1
89 58.0 47.2 70.8



#51
Acenaphthene
Concen: 23.10 ng
RT: 15.02 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:154 Resp: 116815
Ion Ratio Lower Upper
154 100
153 117.1 87.0 130.6
152 55.8 43.5 65.3

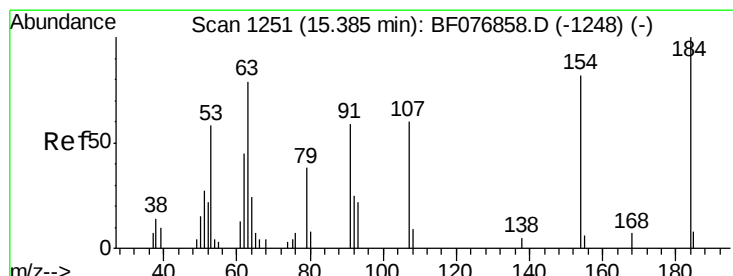
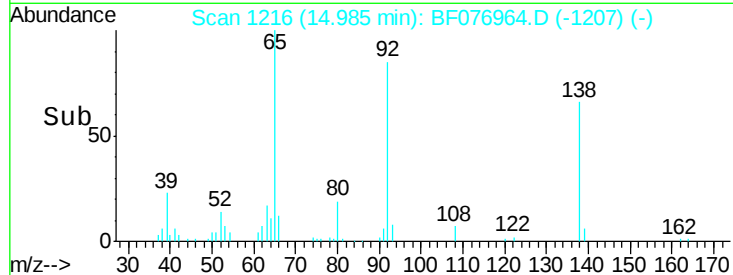
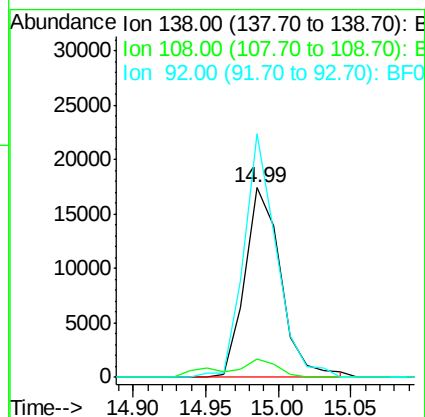
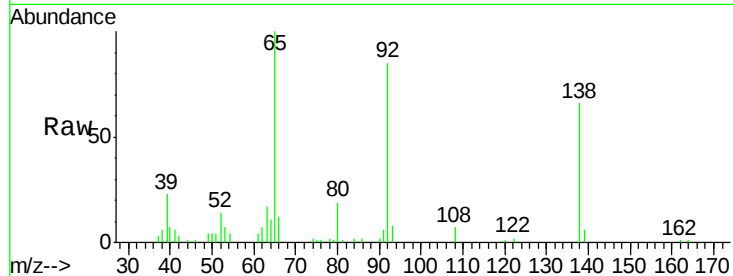




#52
 3-Nitroaniline
 Concen: 19.88 ng
 RT: 14.99 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

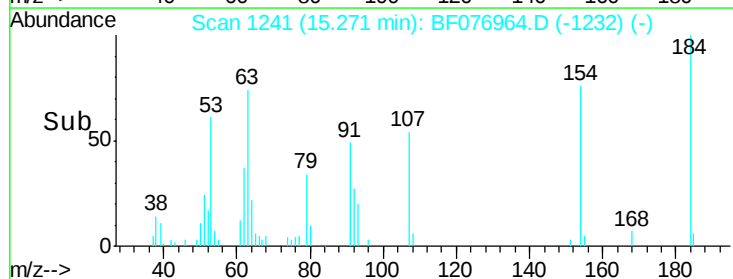
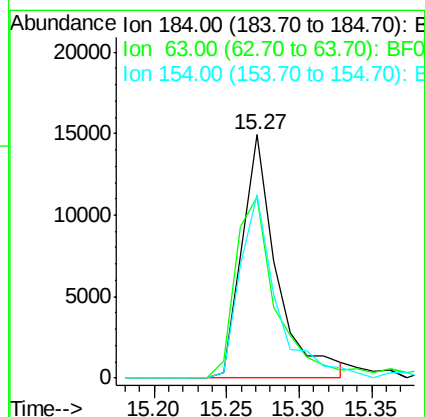
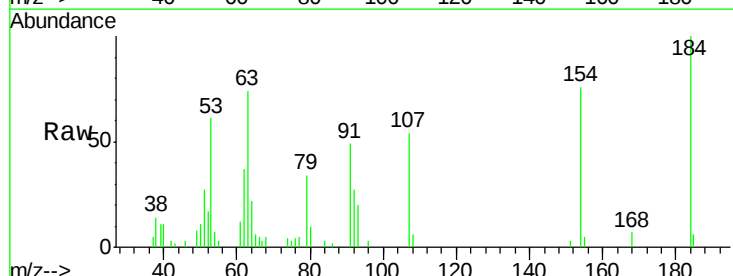
Instrument :
 BNA_F
 ClientSampleId :

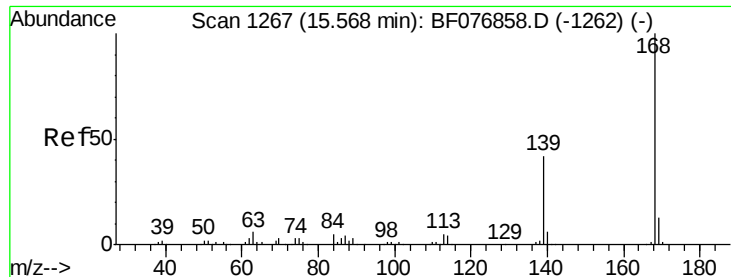
Tot Ion:138 Resp: 30091
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.3 12.5
 92 128.4 80.9 121.3#



#53
 2,4-Dinitrophenol
 Concen: 48.59 ng
 RT: 15.27 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion:184 Resp: 24871
 Ion Ratio Lower Upper
 184 100
 63 74.5 63.0 94.6
 154 75.5 65.5 98.3





#54

Dibenzenofuran

Concen: 24.74 ng

RT: 15.45 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

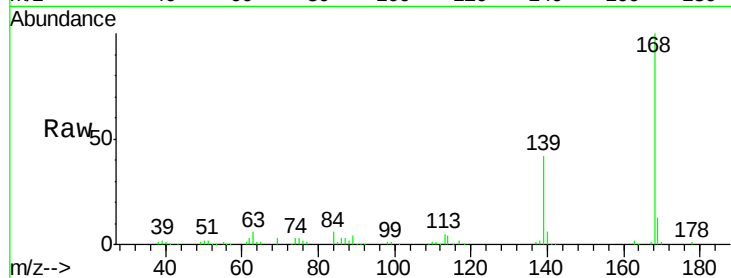
Tot Ion:168 Resp: 182254

Ion Ratio Lower Upper

168 100

139 42.4 33.4 50.2

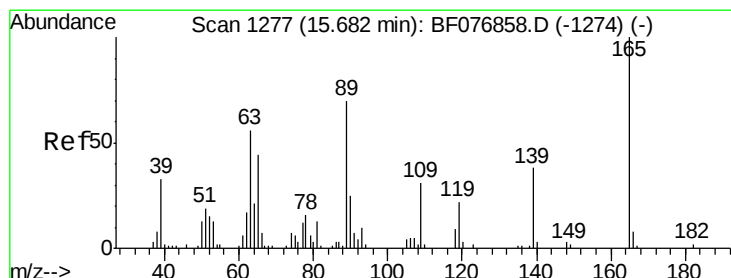
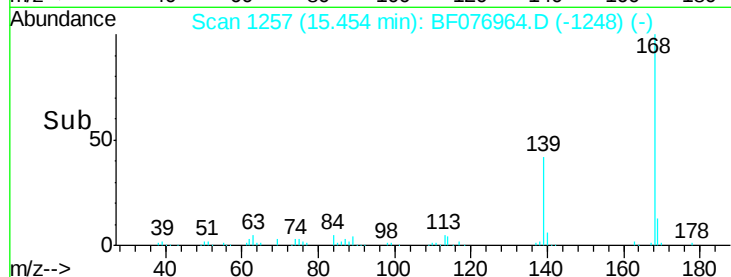
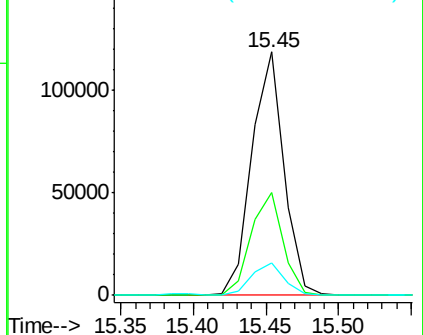
169 13.5 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 52.01 ng

RT: 15.58 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

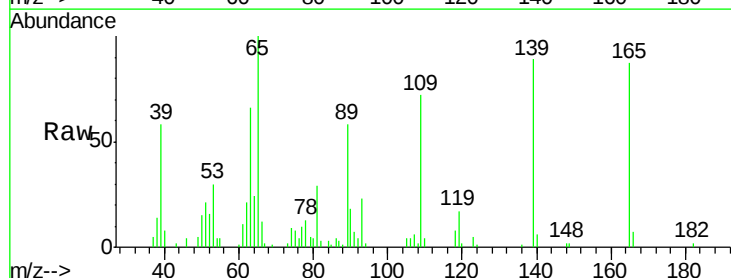
Tgt Ion:139 Resp: 50079

Ion Ratio Lower Upper

139 100

109 81.3 61.0 101.0

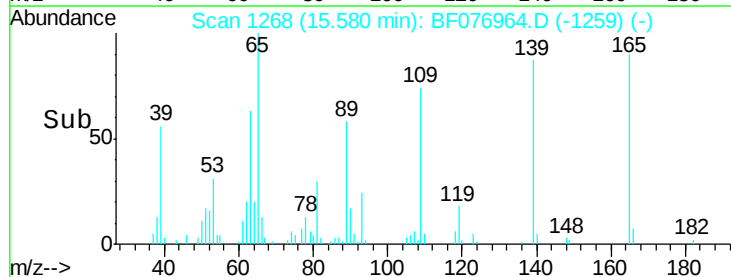
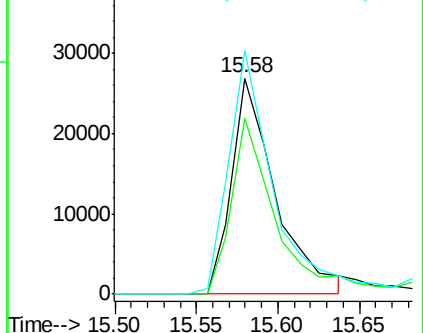
65 112.7 96.6 136.6

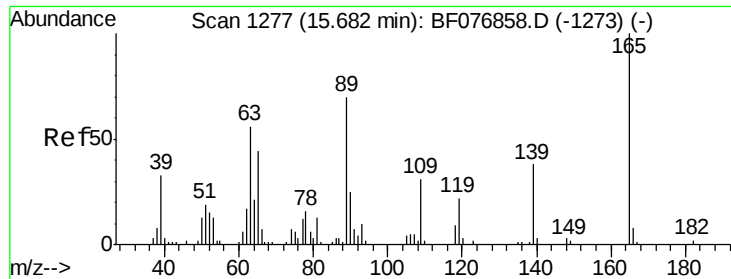


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

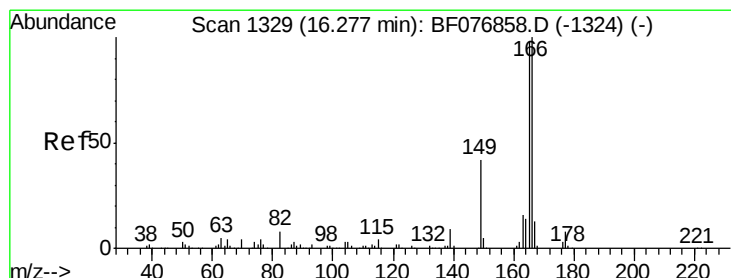
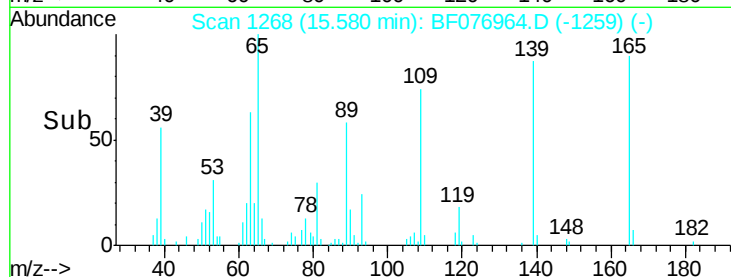
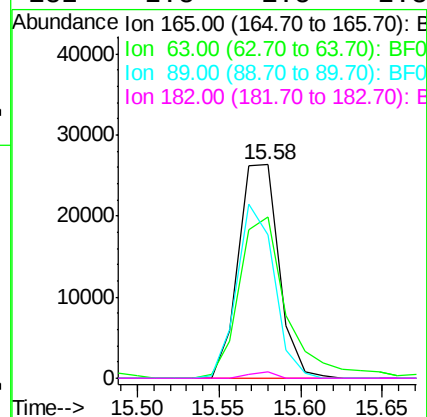
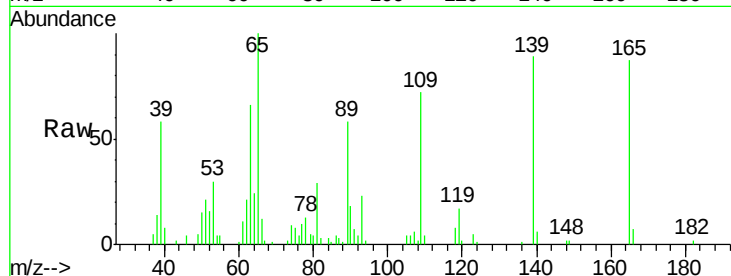




#56
2,4-Dinitrotoluene
Concen: 25.63 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

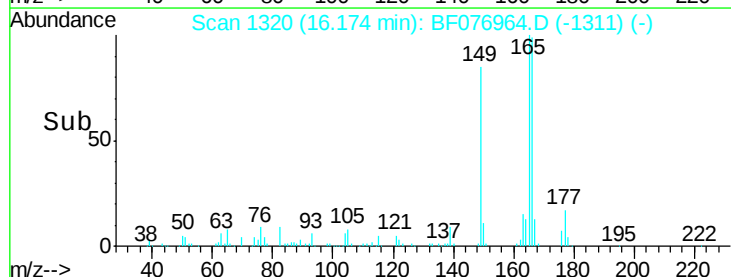
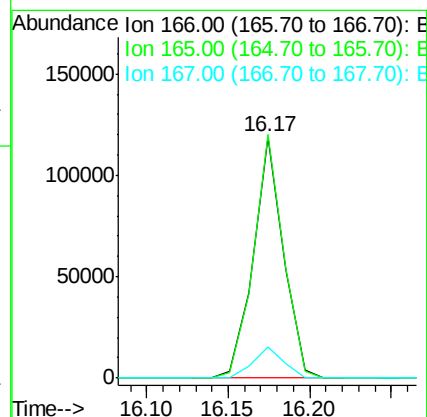
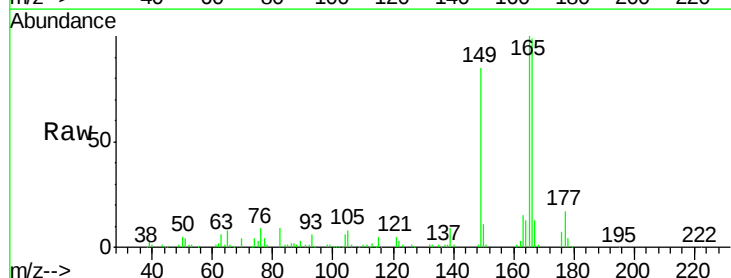
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 45274
Ion Ratio Lower Upper
165 100
63 75.7 44.8 67.2#
89 66.9 56.2 84.2
182 2.8 1.5 2.3#



#57
Fluorene
Concen: 24.31 ng
RT: 16.17 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:166 Resp: 151761
Ion Ratio Lower Upper
166 100
165 100.9 78.5 117.7
167 12.7 10.4 15.6

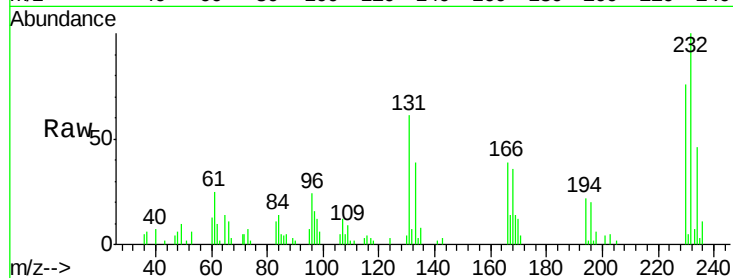




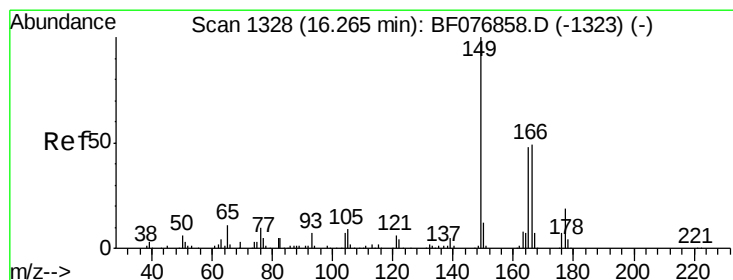
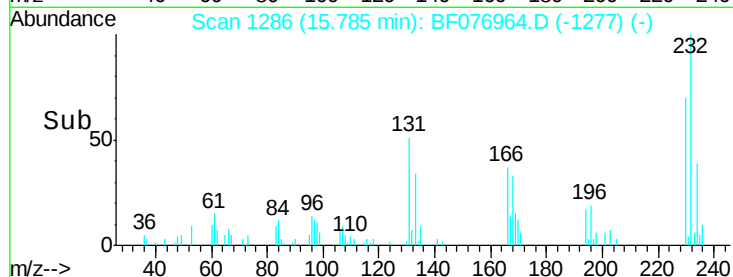
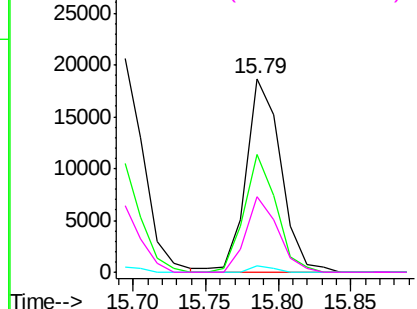
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.97 ng
 RT: 15.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 31249
 Ion Ratio Lower Upper
 232 100
 131 56.4 45.0 67.6
 130 2.4 2.6 3.8#
 166 36.0 30.9 46.3

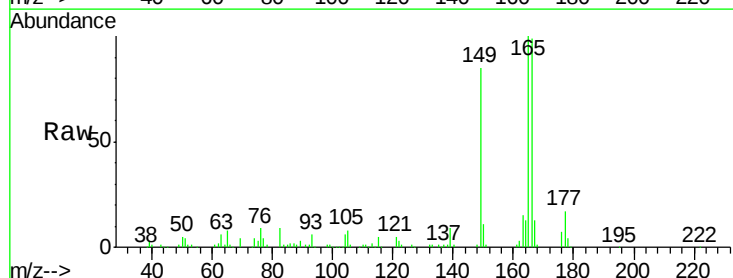


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

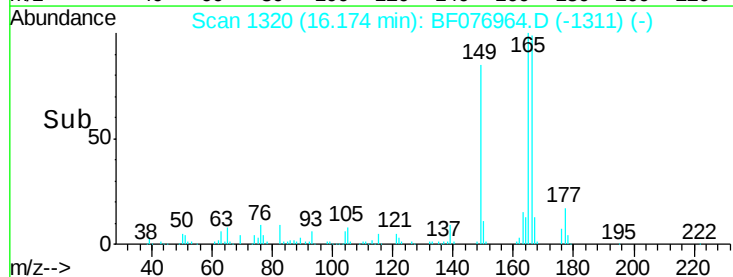
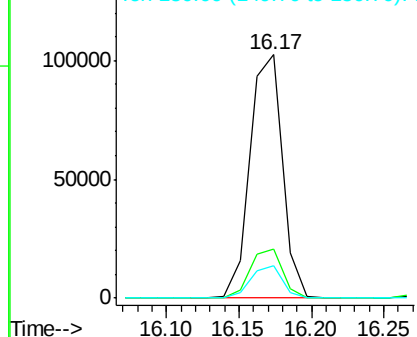


#59
 Diethylphthalate
 Concen: 25.64 ng
 RT: 16.17 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion:149 Resp: 159194
 Ion Ratio Lower Upper
 149 100
 177 20.2 15.0 22.6
 150 13.2 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

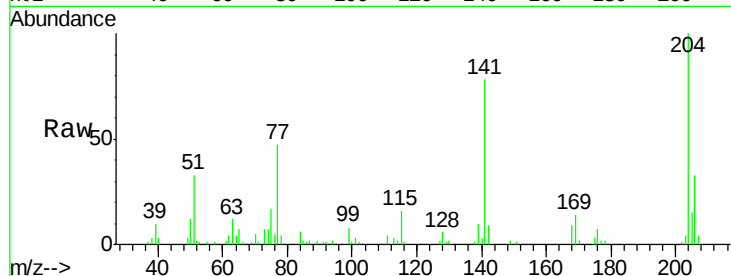




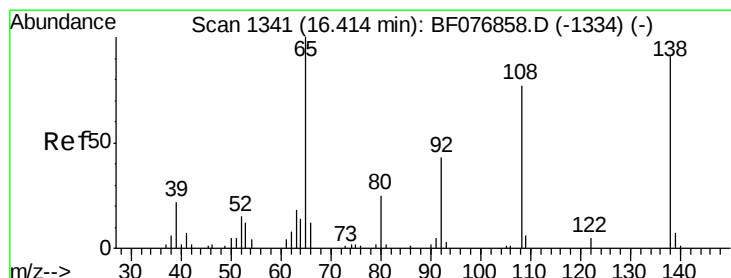
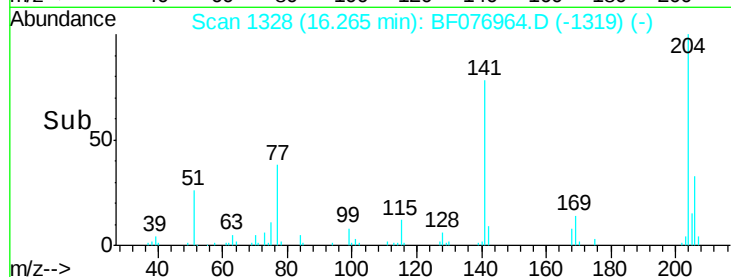
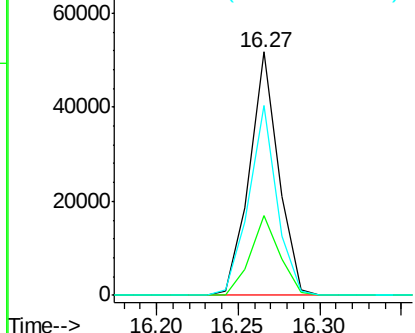
#60
4-Chlorophenyl-phenylether
Concen: 25.12 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 64144
Ion Ratio Lower Upper
204 100
206 32.9 24.2 36.2
141 78.2 66.7 100.1

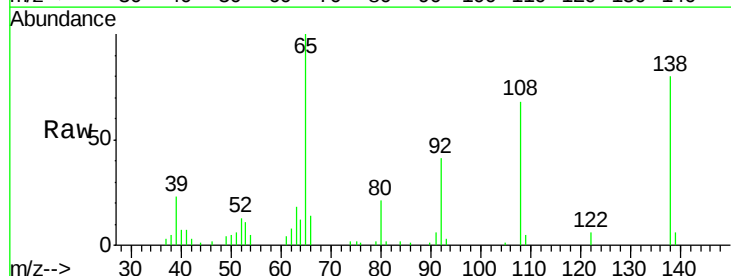


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

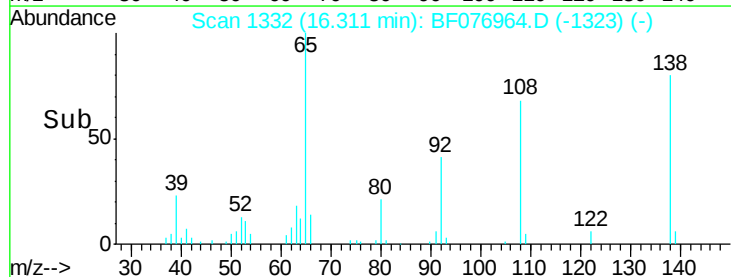
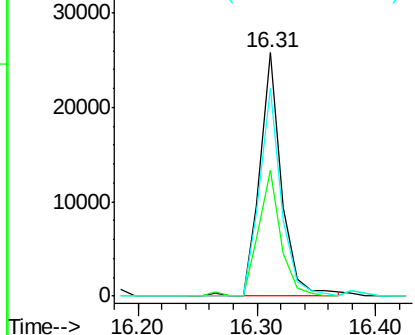


#61
4-Nitroaniline
Concen: 22.31 ng
RT: 16.31 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:138 Resp: 33297
Ion Ratio Lower Upper
138 100
92 51.6 26.7 66.7
108 85.1 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: 25.69 ng

RT: 16.55 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 166211

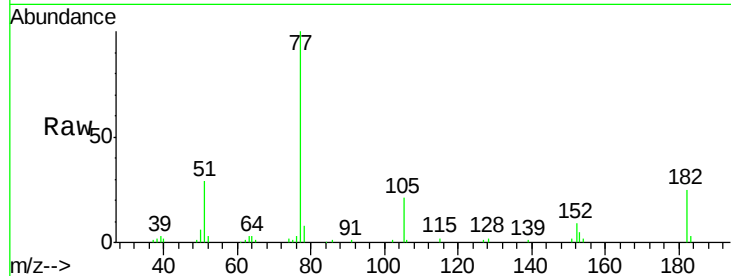
Ion Ratio Lower Upper

77 100

182 24.9 2.0 42.0

105 21.3 2.3 42.3

51 29.2 10.7 50.7

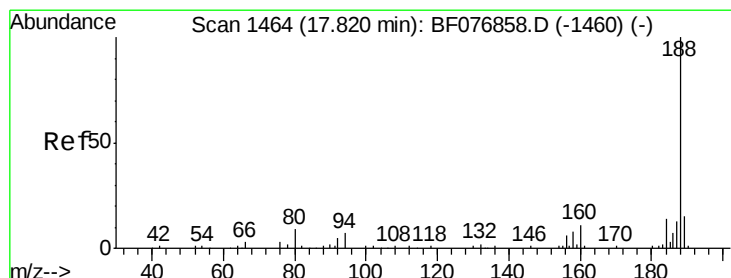
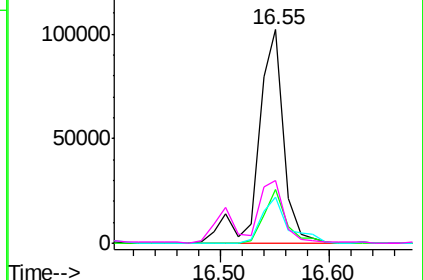
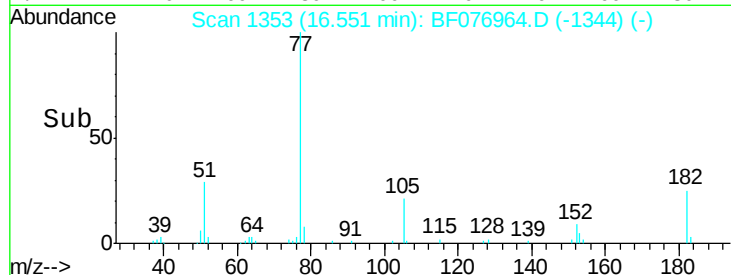


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.74 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

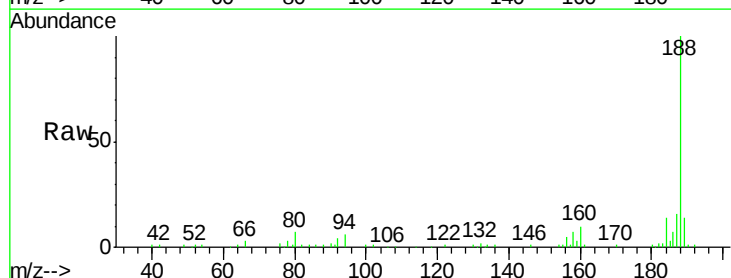
Tgt Ion: 188 Resp: 152454

Ion Ratio Lower Upper

188 100

94 6.0 6.0 9.0#

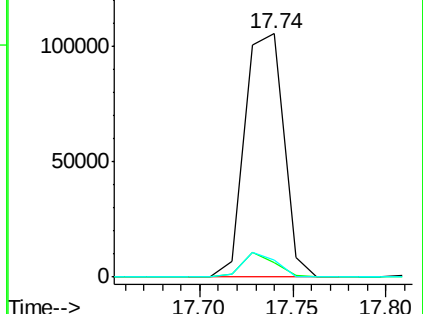
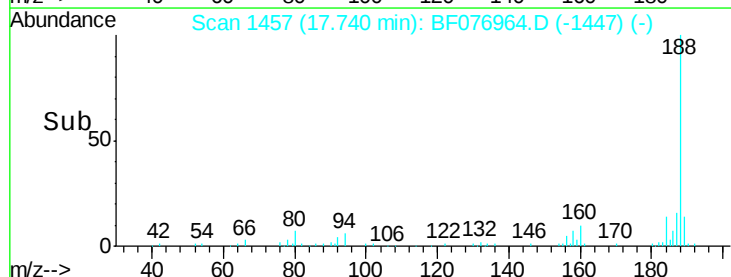
80 7.1 6.9 10.3

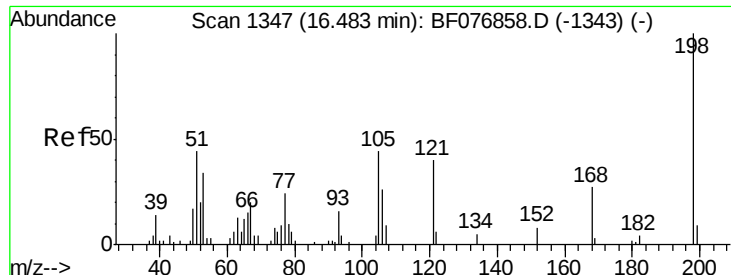


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 24.07 ng

RT: 16.38 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

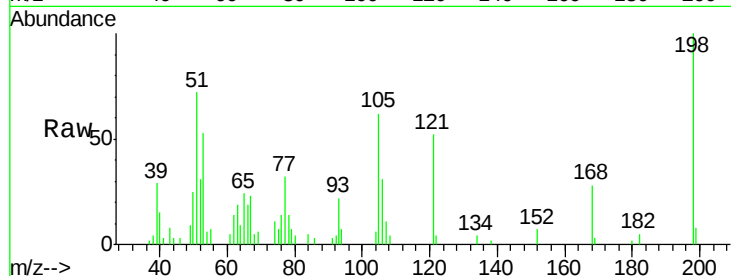
Tot Ion:198 Resp: 21854

Ion Ratio Lower Upper

198 100

51 71.7 24.2 64.2#

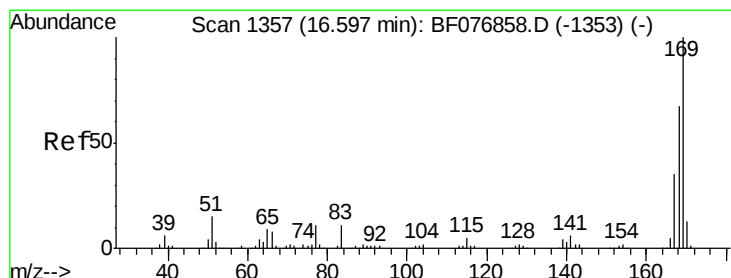
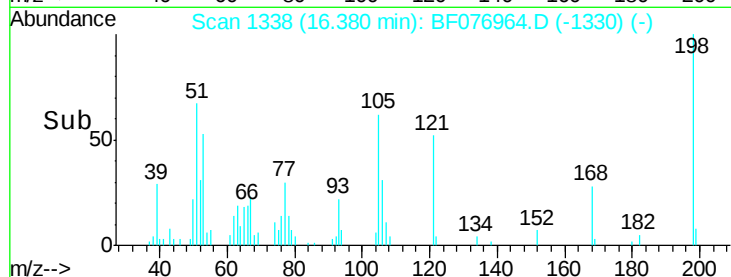
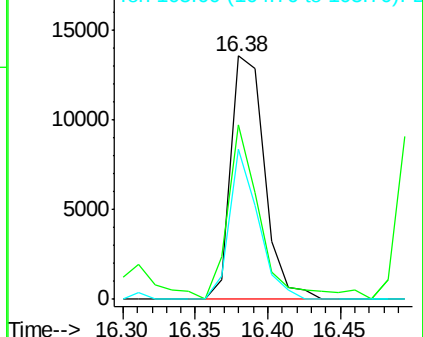
105 61.8 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 23.90 ng

RT: 16.51 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

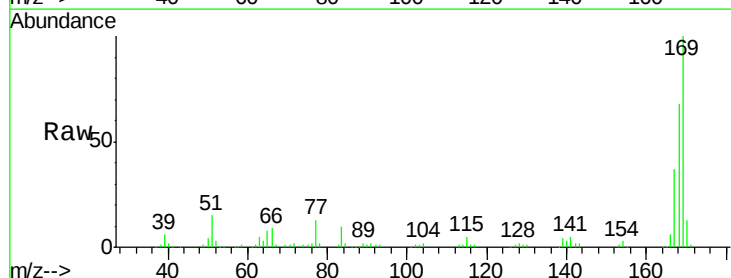
Tgt Ion:169 Resp: 129903

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.6

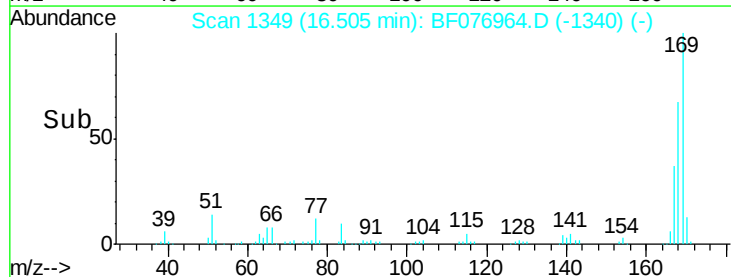
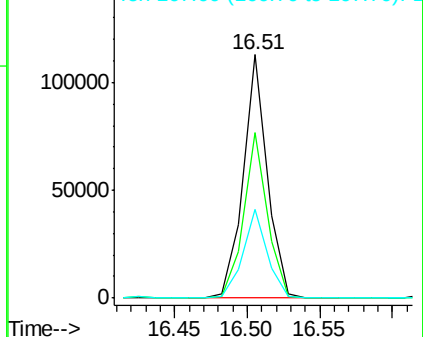
167 36.6 27.8 41.6

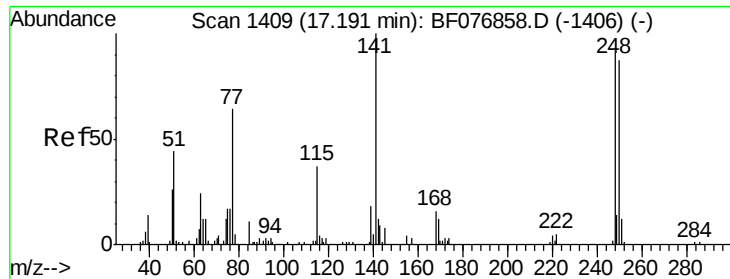


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

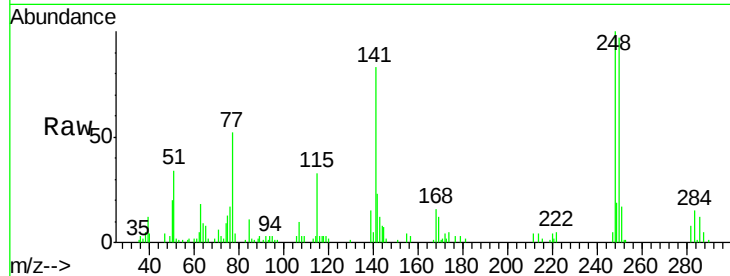




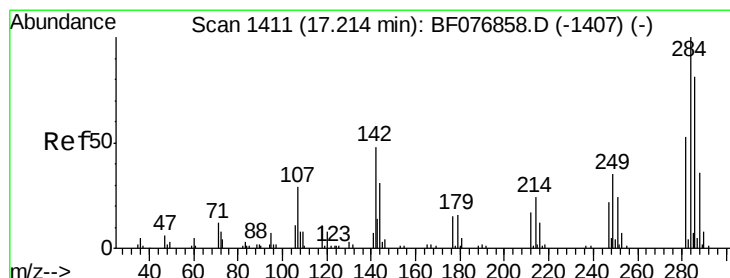
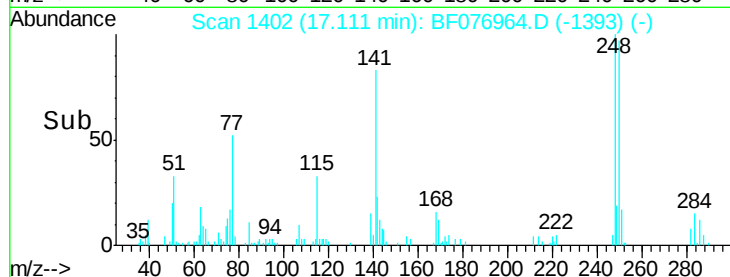
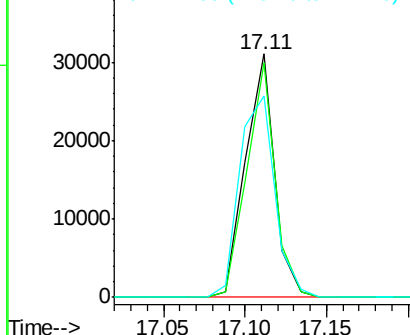
#66
4-Bromophenyl-phenylether
Concen: 24.73 ng
RT: 17.11 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 38194
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 82.9 88.2 132.4#

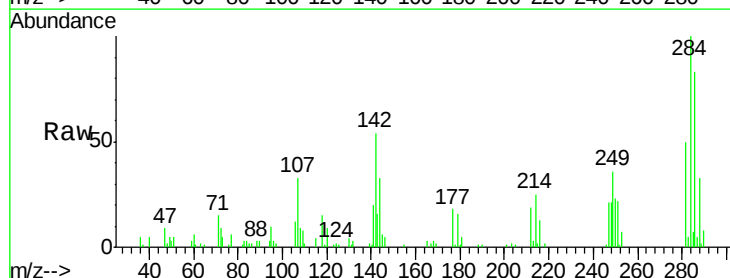


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

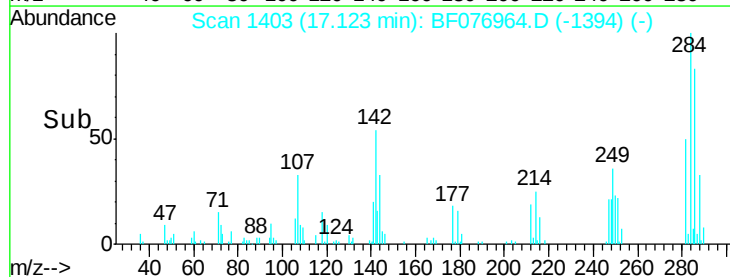
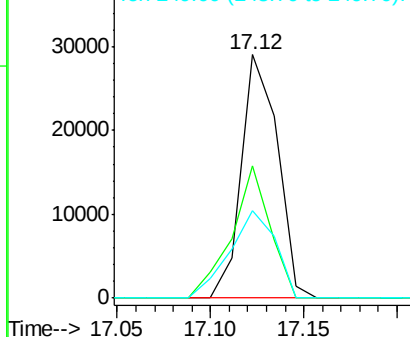


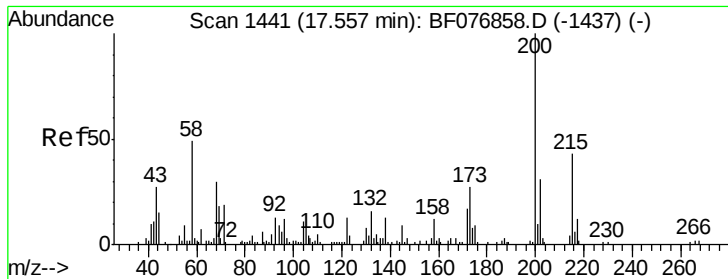
#67
Hexachlorobenzene
Concen: 24.01 ng
RT: 17.12 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:284 Resp: 39076
Ion Ratio Lower Upper
284 100
142 54.3 38.2 57.4
249 35.8 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: 28.24 ng

RT: 17.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

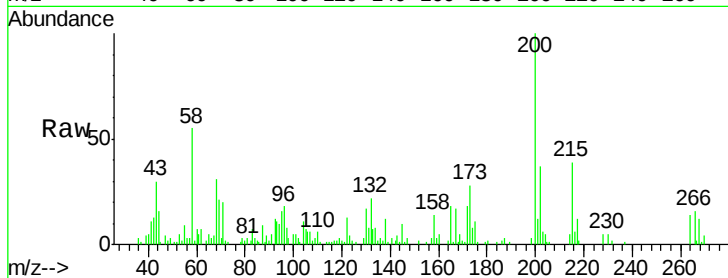
Tot Ion:200 Resp: 46579

Ion Ratio Lower Upper

200 100

173 28.2 6.6 46.6

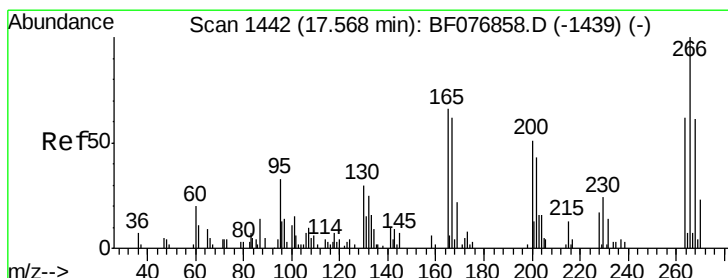
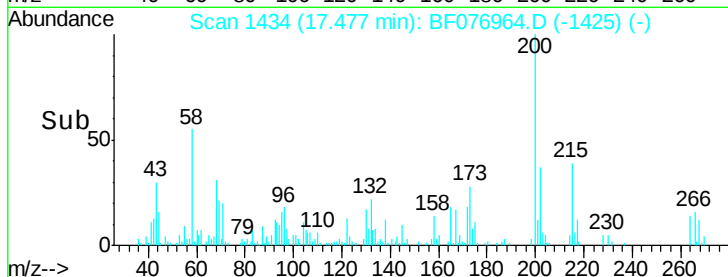
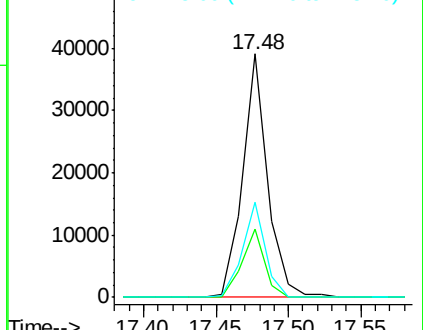
215 39.2 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 47.54 ng

RT: 17.49 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

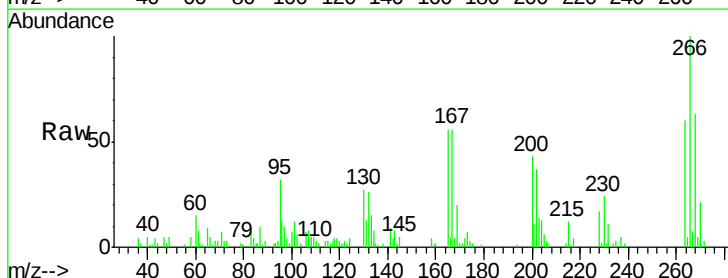
Tgt Ion:266 Resp: 33203

Ion Ratio Lower Upper

266 100

268 63.4 48.6 72.8

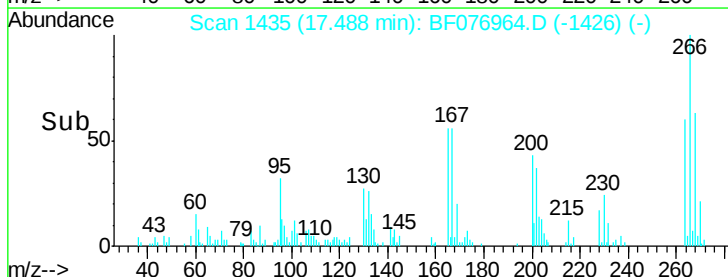
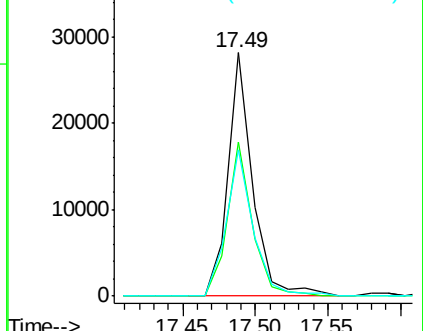
264 60.1 49.5 74.3

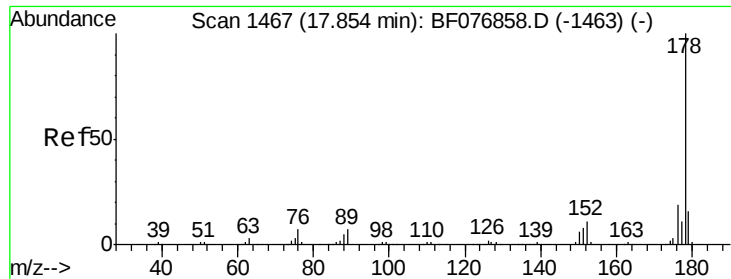


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

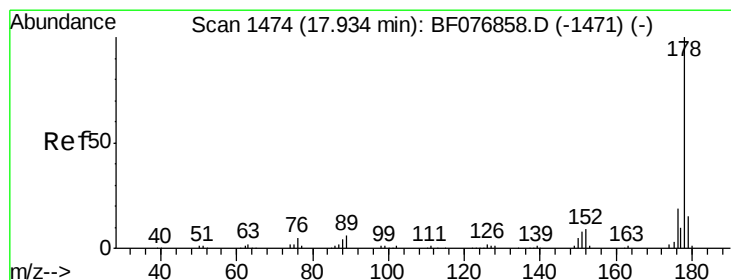
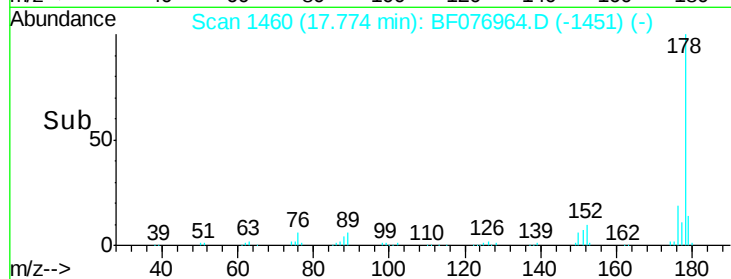
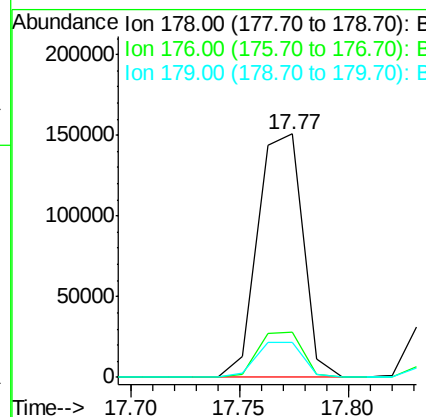
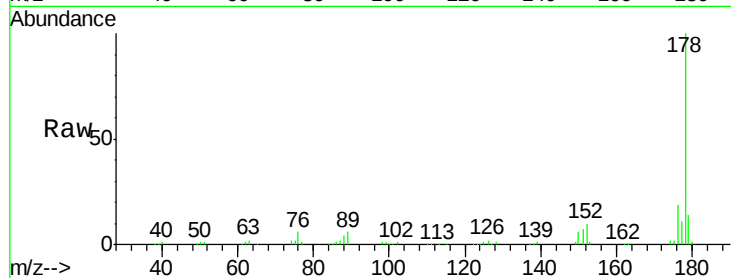




#70
Phenanthrene
Concen: 23.02 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

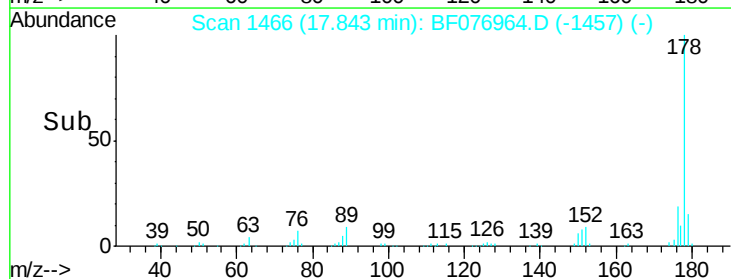
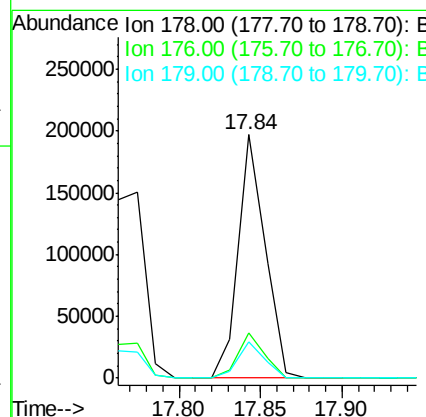
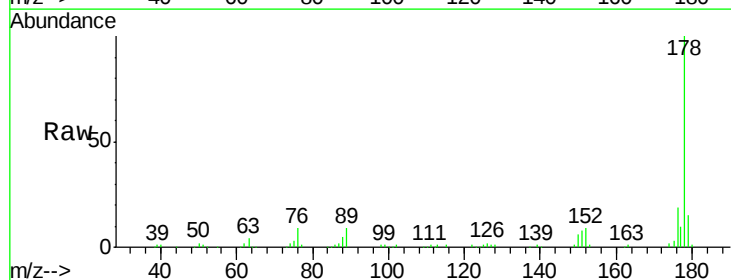
Instrument :
BNA_F
ClientSampleId :

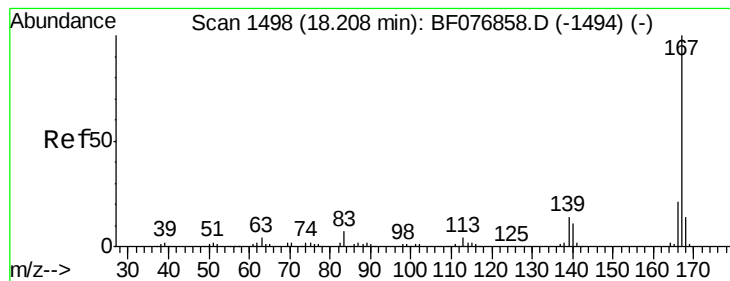
Tot Ion:178 Resp: 218877
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 14.3 12.7 19.1



#71
Anthracene
Concen: 24.10 ng
RT: 17.84 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:178 Resp: 223397
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 14.9 11.9 17.9





#72

Carbazole

Concen: 24.23 ng

RT: 18.13 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

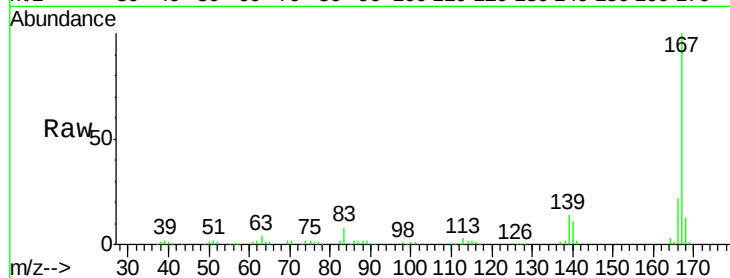
Tot Ion:167 Resp: 217884

Ion Ratio Lower Upper

167 100

166 22.3 17.0 25.6

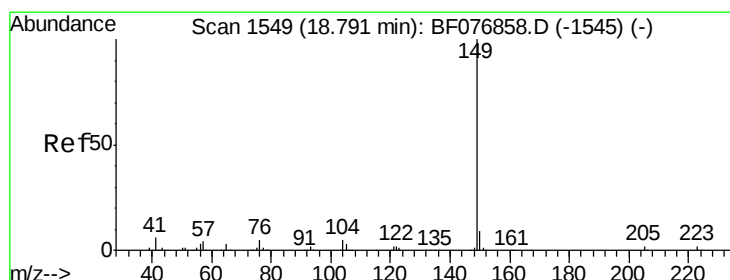
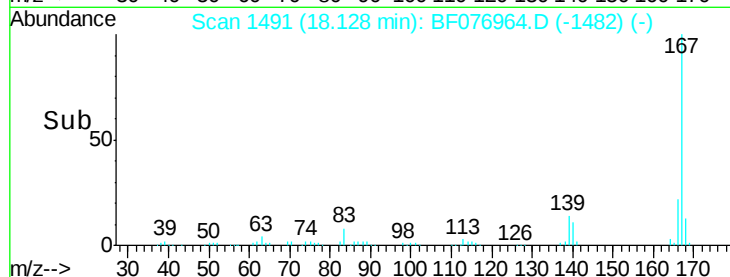
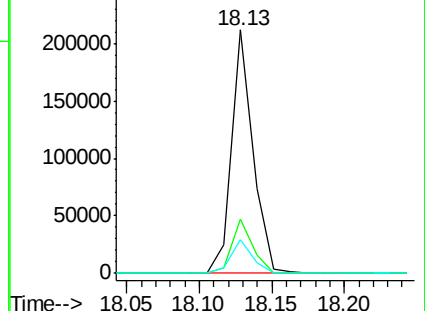
139 14.0 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 25.99 ng

RT: 18.72 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

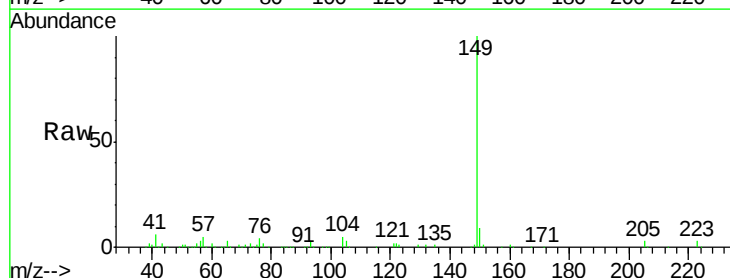
Tgt Ion:149 Resp: 270476

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

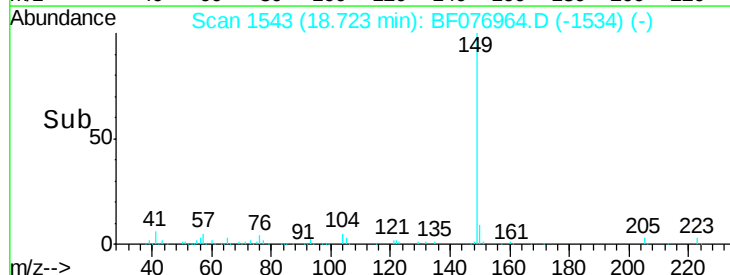
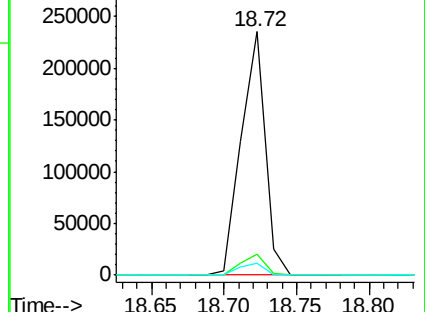
104 4.7 3.7 5.5

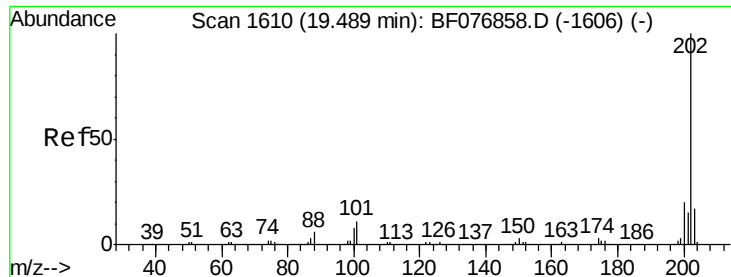


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

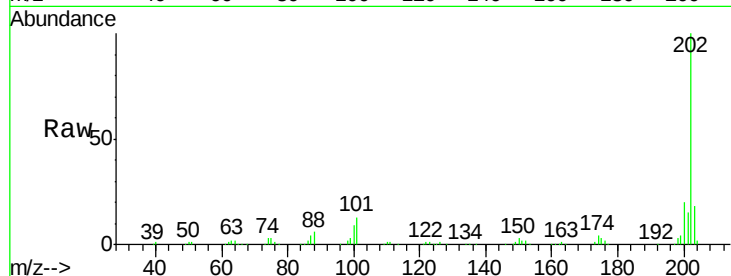




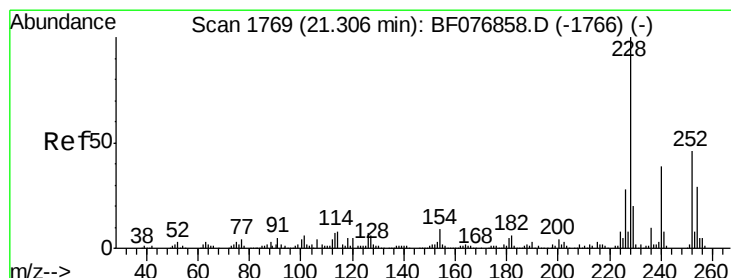
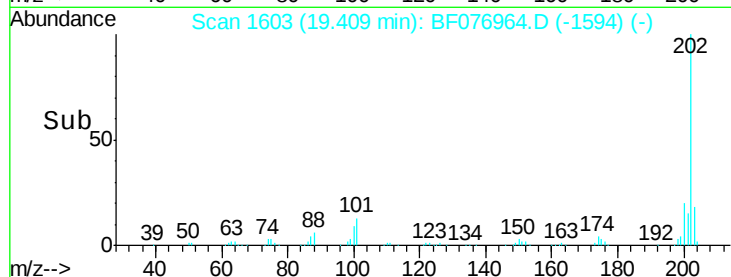
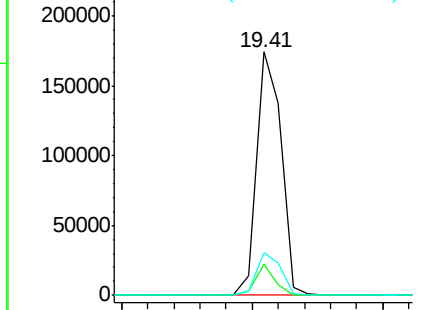
#74
 Fluoranthene
 Concen: 23.49 ng
 RT: 19.41 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.7
203	17.6	0.0	36.9

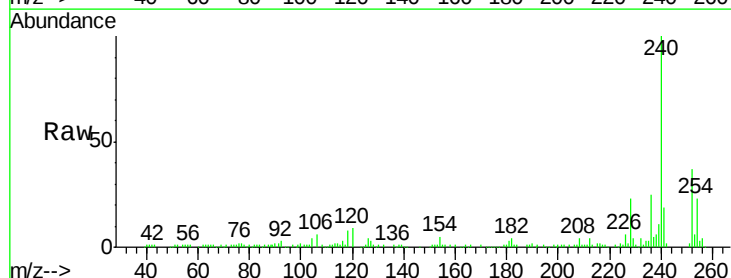


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

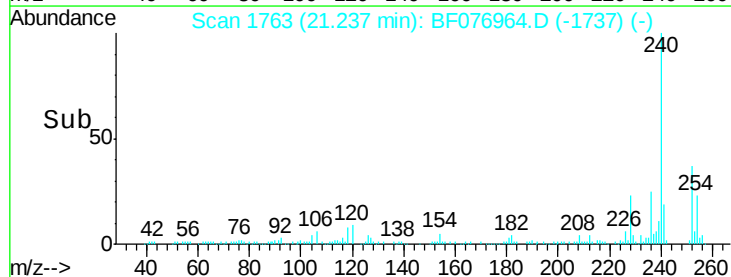
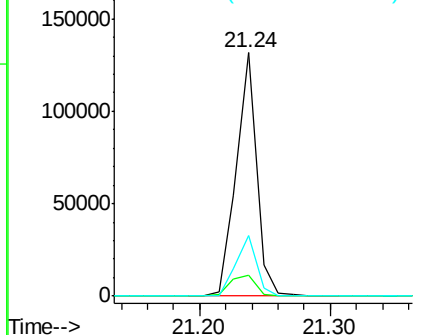


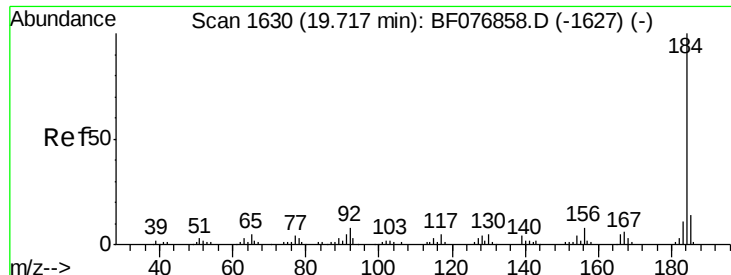
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF076964.D
 Acq: 20 Jan 2015 16:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	10.4	15.6#
236	25.1	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

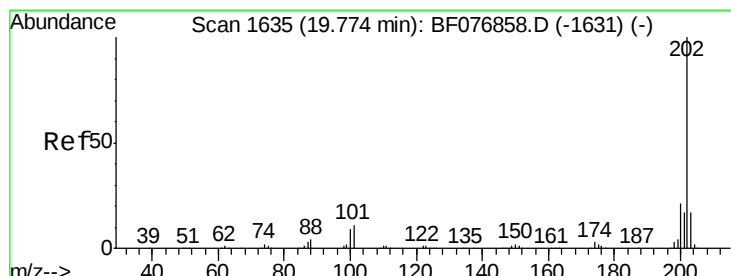
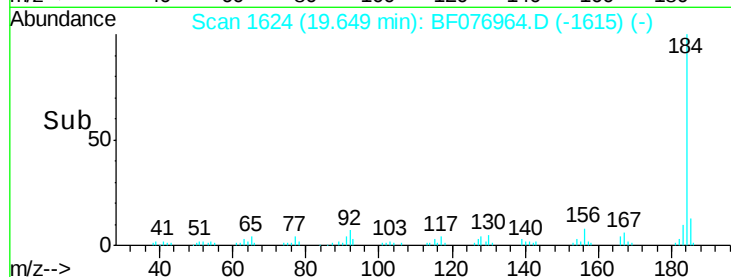
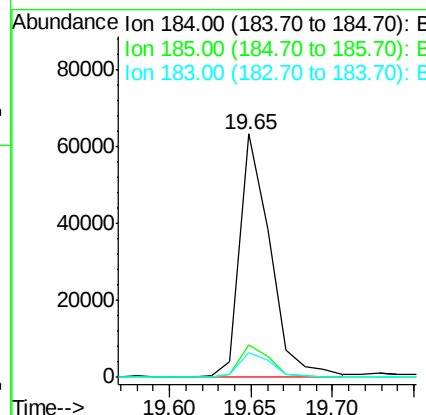
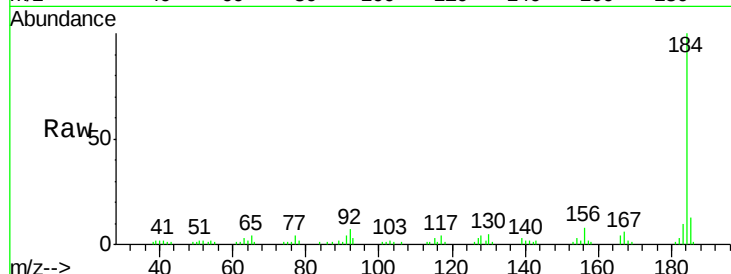




#76
Benzidine
Concen: 17.96 ng
RT: 19.65 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

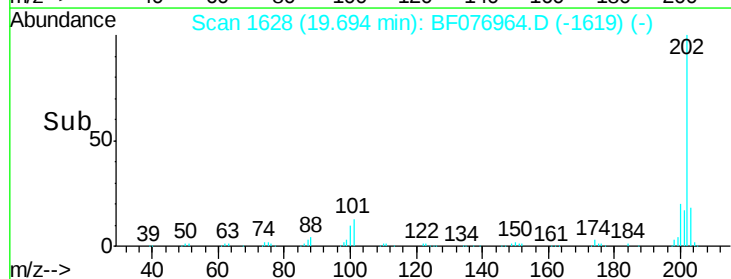
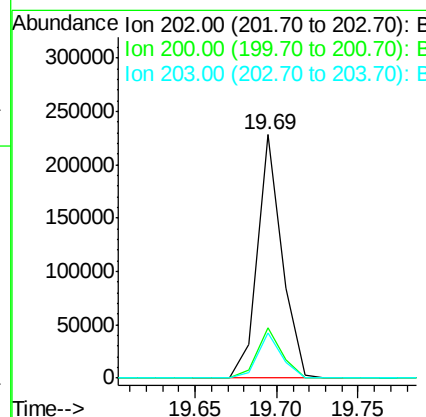
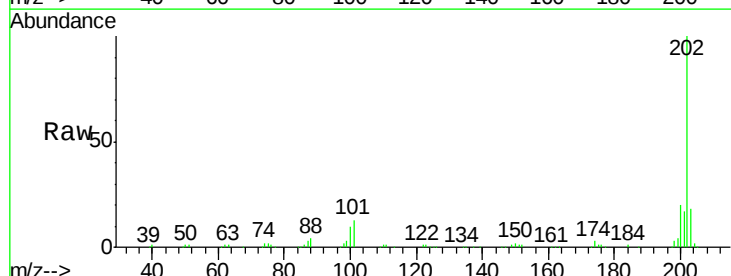
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 81884
Ion Ratio Lower Upper
184 100
185 13.3 11.4 17.2
183 9.9 9.0 13.6



#77
Pyrene
Concen: 24.46 ng
RT: 19.69 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:202 Resp: 238929
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 18.4 14.0 21.0





#78

Terphenyl-d14

Concen: 48.19 ng

RT: 19.97 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

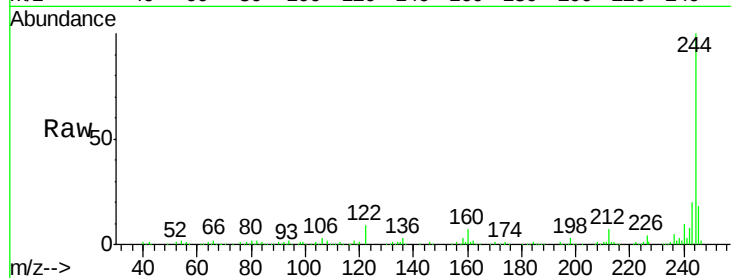
Tot Ion:244 Resp: 298331

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

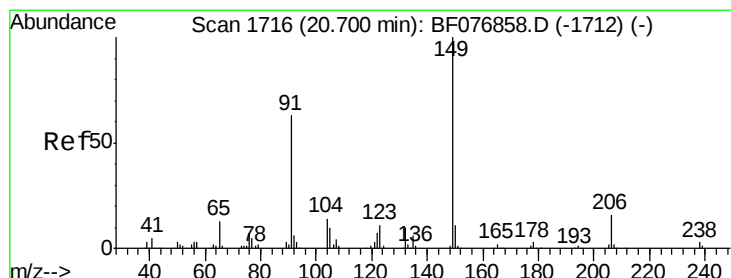
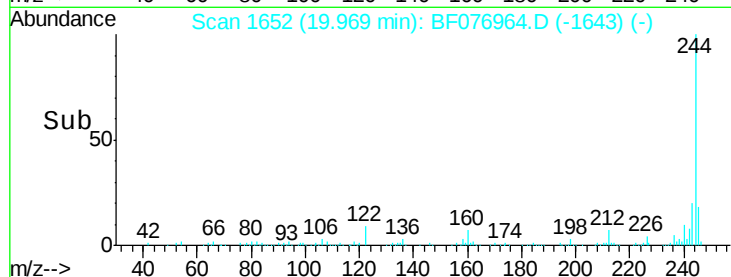
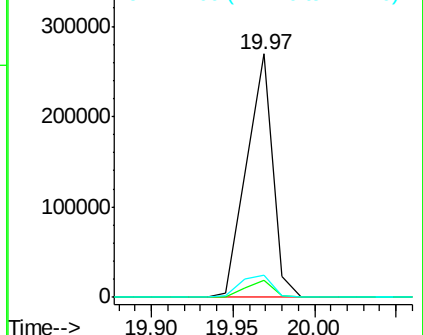
122 9.0 10.1 15.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 26.66 ng

RT: 20.63 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

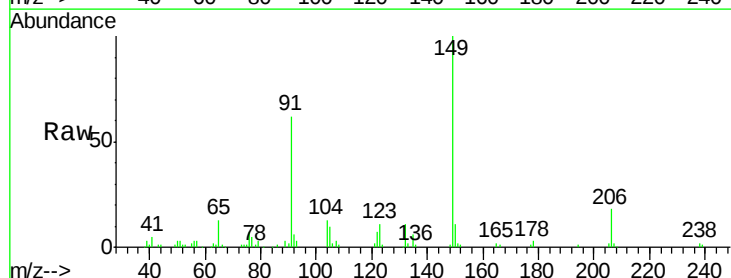
Tgt Ion:149 Resp: 117928

Ion Ratio Lower Upper

149 100

91 62.0 50.6 76.0

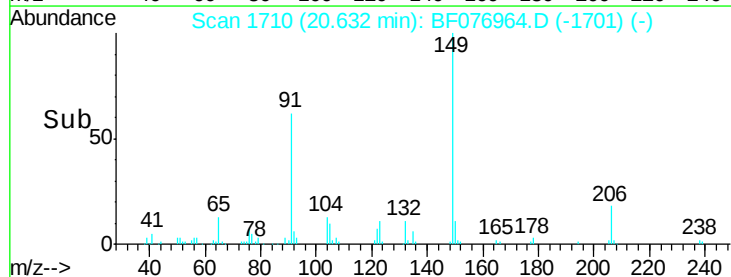
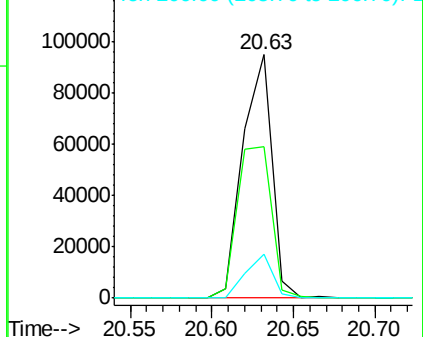
206 18.2 12.8 19.2

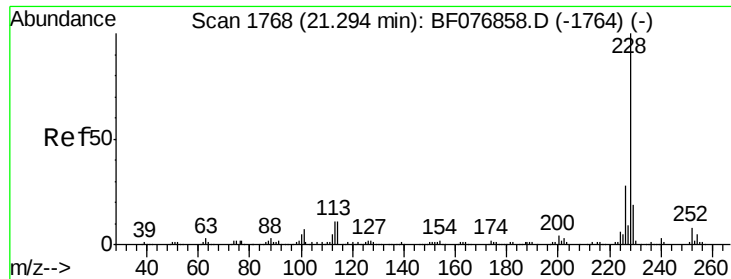


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

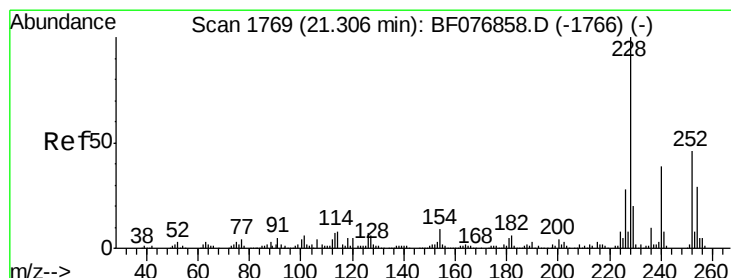
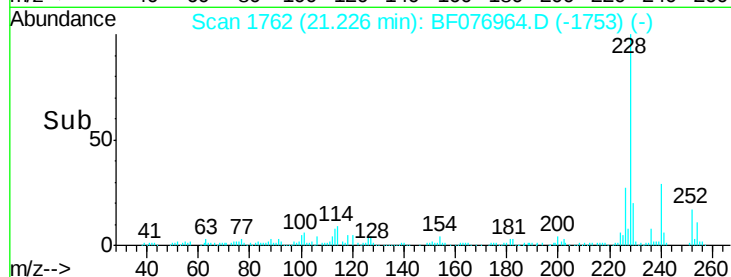
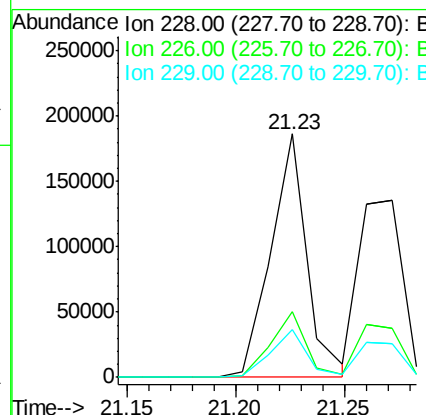
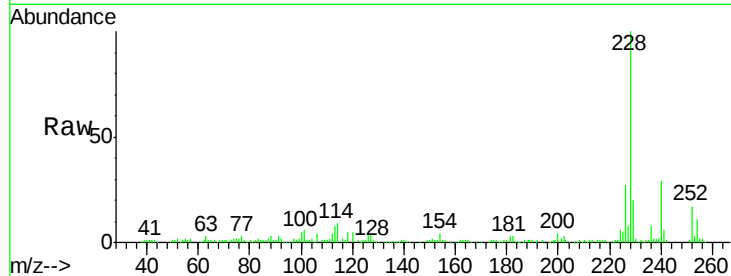




#80
Benzo(a)anthracene
Concen: 24.13 ng
RT: 21.23 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

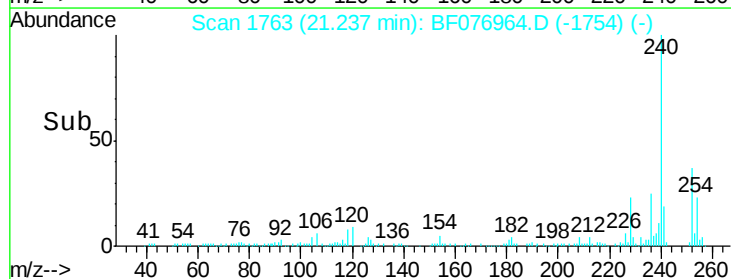
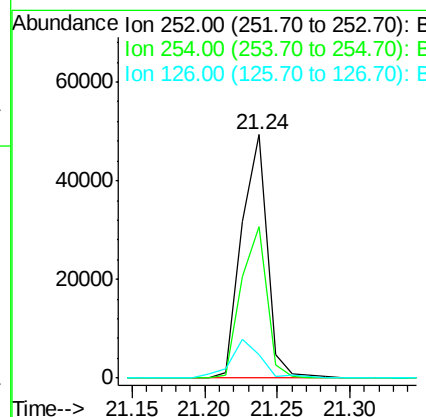
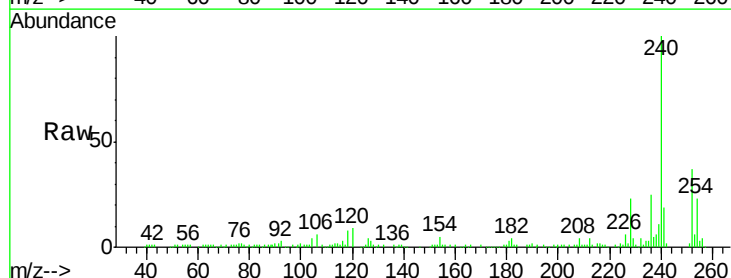
Instrument :
BNA_F
ClientSampleId :

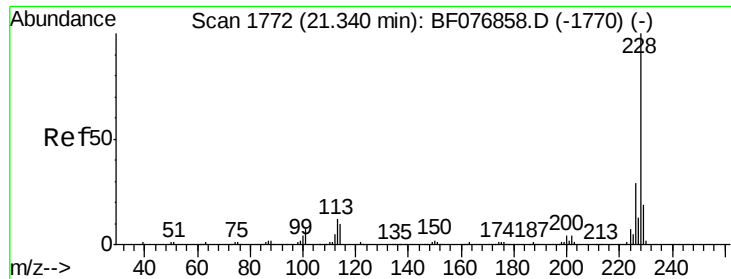
Tot Ion:228 Resp: 215759
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.8 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 21.41 ng
RT: 21.24 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:252 Resp: 60843
Ion Ratio Lower Upper
252 100
254 62.4 50.2 75.4
126 9.9 11.5 17.3#





#82

Chrysene

Concen: 23.16 ng

RT: 21.27 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampled :

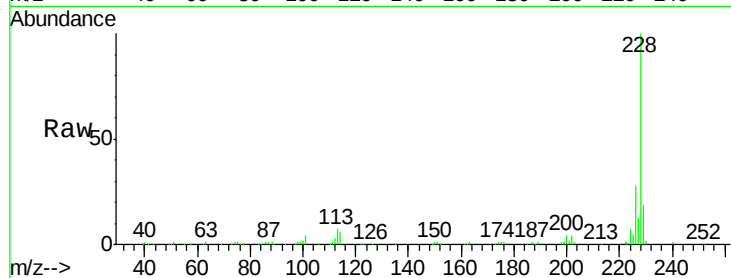
Tot Ion:228 Resp: 188855

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.0

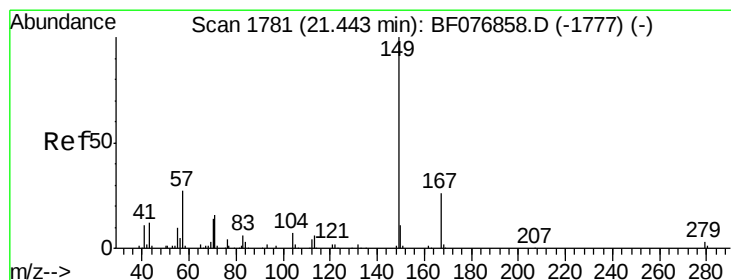
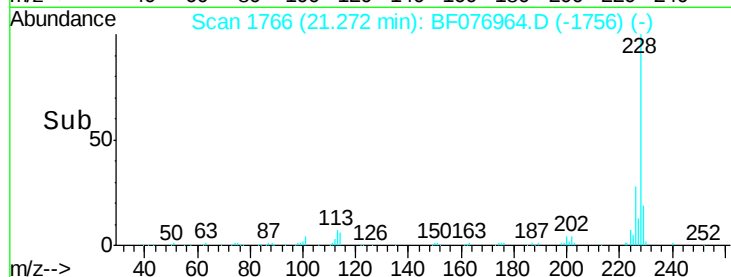
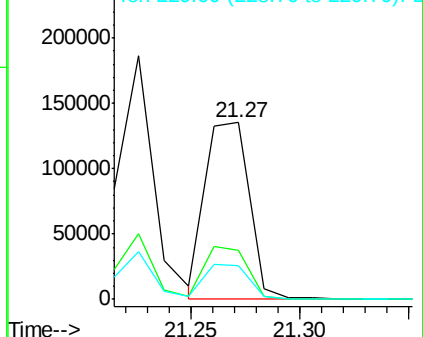
229 19.4 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 29.05 ng

RT: 21.37 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

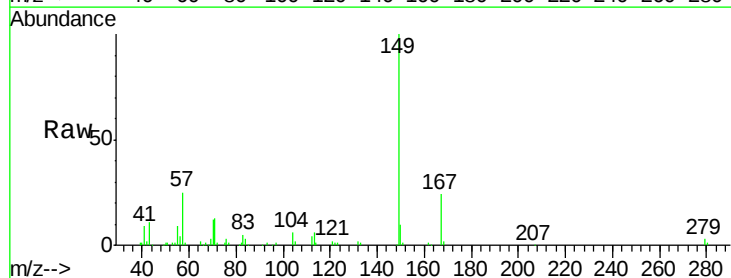
Tgt Ion:149 Resp: 177822

Ion Ratio Lower Upper

149 100

167 24.5 20.6 30.8

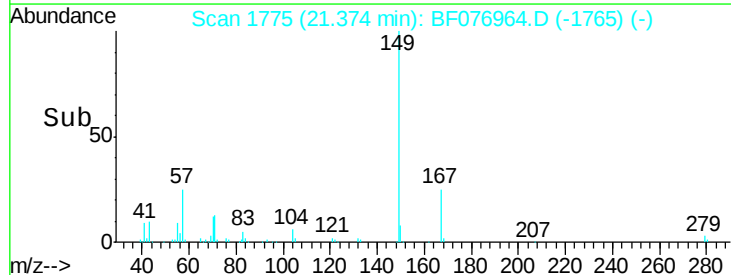
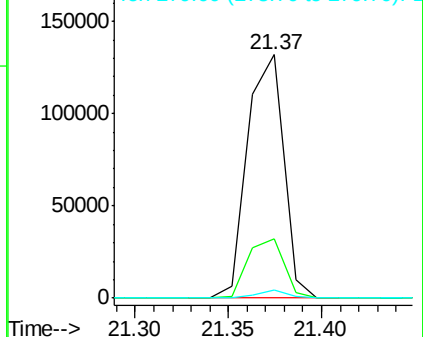
279 3.2 2.2 3.2

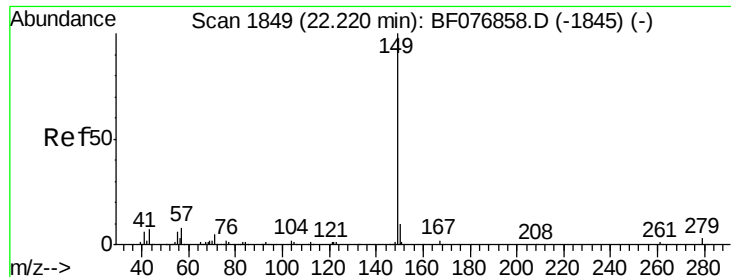


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 29.66 ng

RT: 22.15 min Scan# 1843

Delta R.T. 0.02 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :

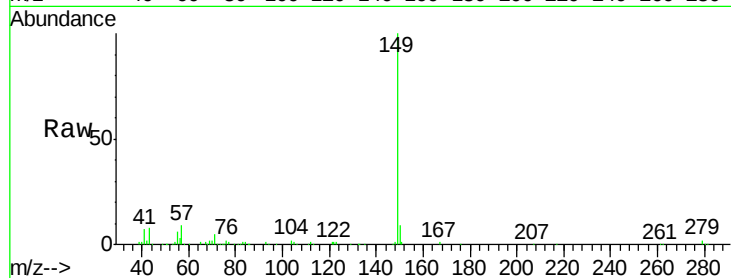
Tot Ion:149 Resp: 315053

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

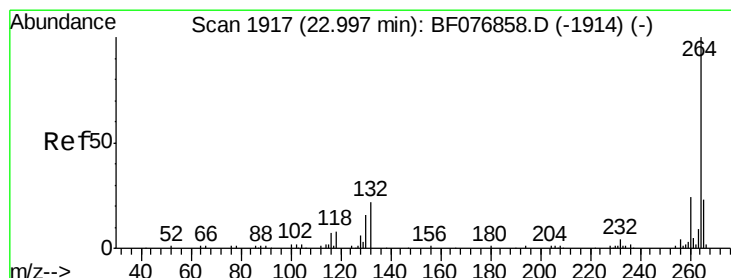
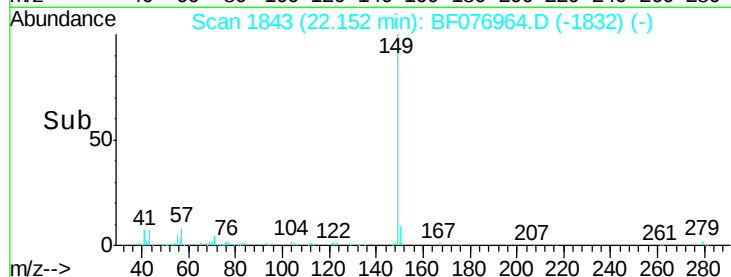
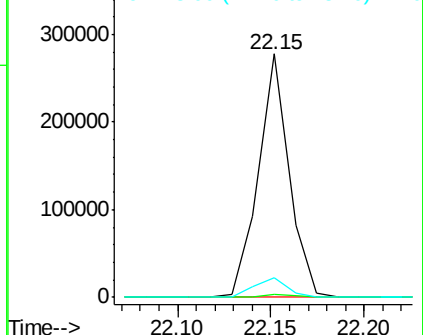
43 8.5 6.6 10.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.93 min Scan# 1911

Delta R.T. 0.06 min

Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

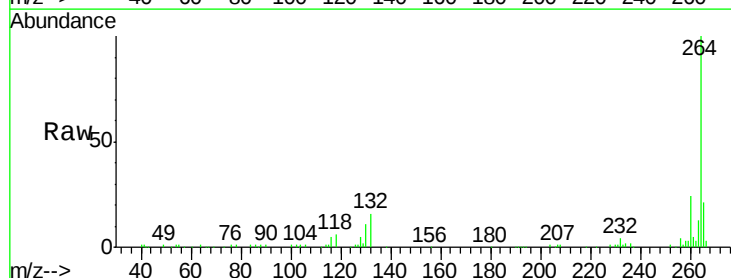
Tgt Ion:264 Resp: 118280

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

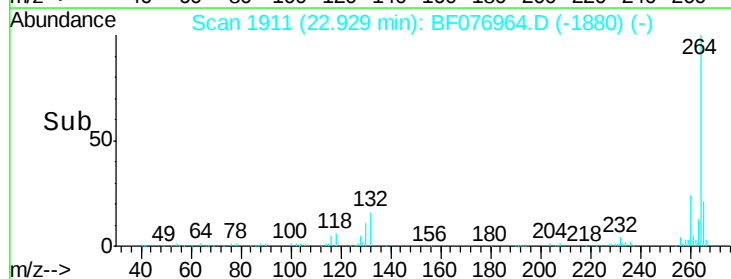
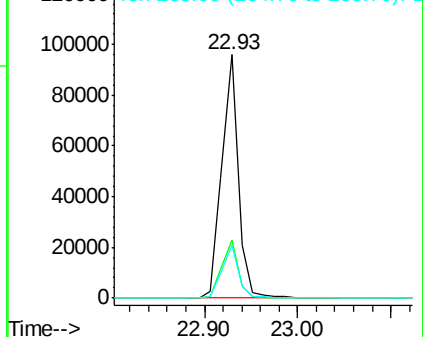
265 21.5 18.1 27.1

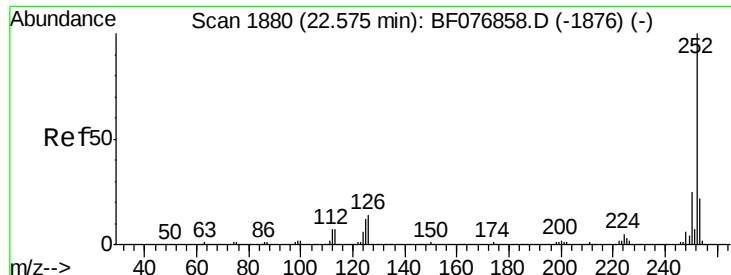


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

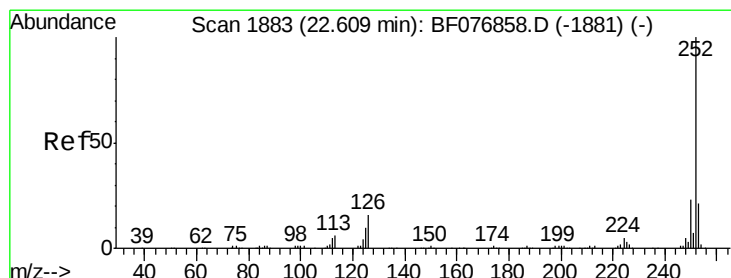
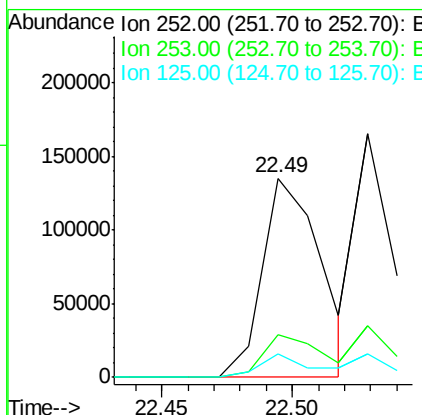
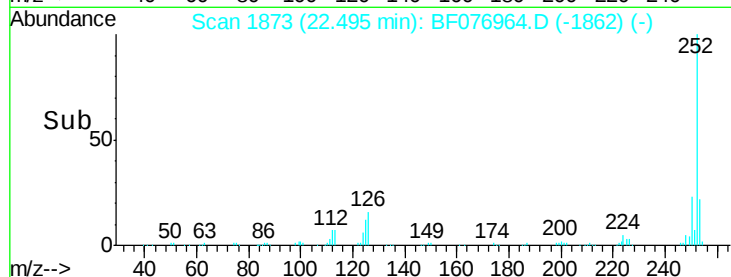
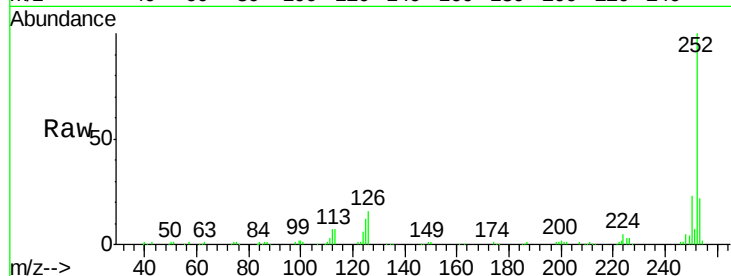




#87
Benzo(b)fluoranthene
Concen: 26.53 ng
RT: 22.49 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

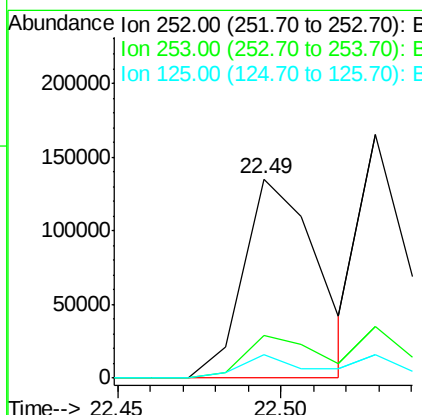
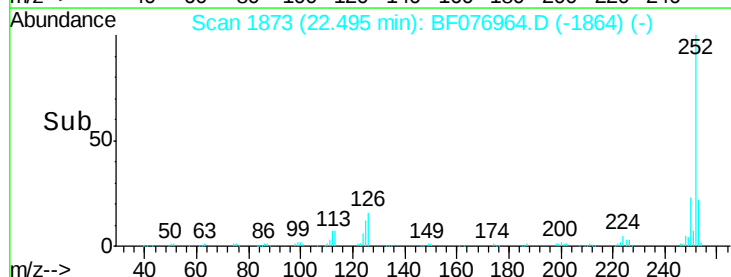
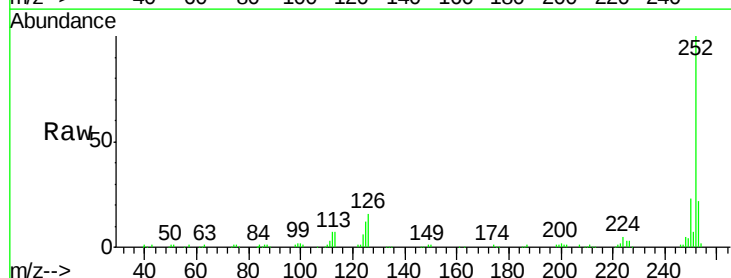
Instrument :
BNA_F
ClientSampleId :

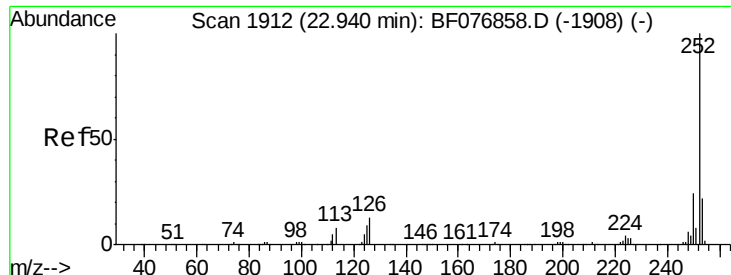
Tot Ion:252 Resp: 211331
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.5 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 30.21 ng
RT: 22.49 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:252 Resp: 210243
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.5 7.1 10.7#

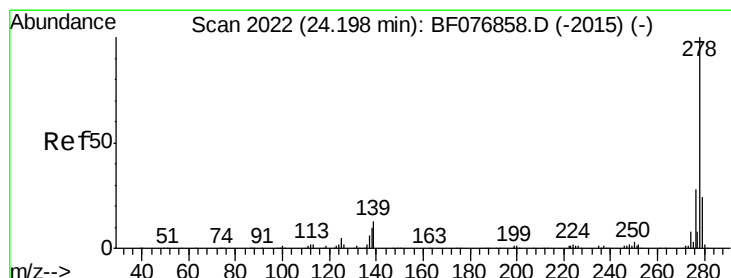
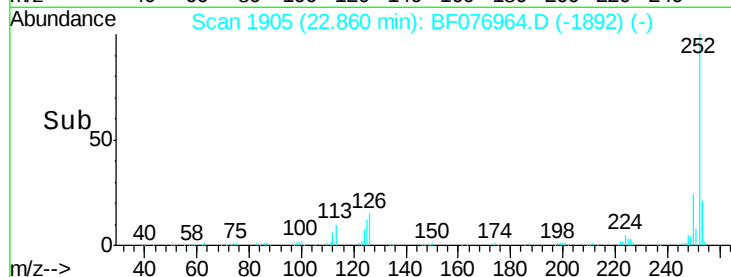
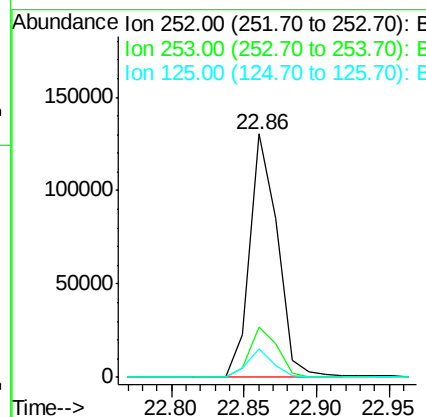
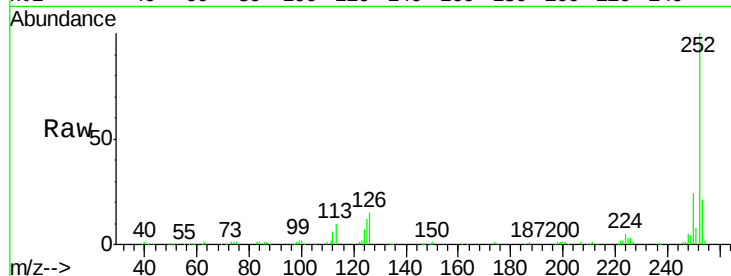




#89
Benzo(a)pyrene
Concen: 24.75 ng
RT: 22.86 min Scan# 1905
Delta R.T. 0.05 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

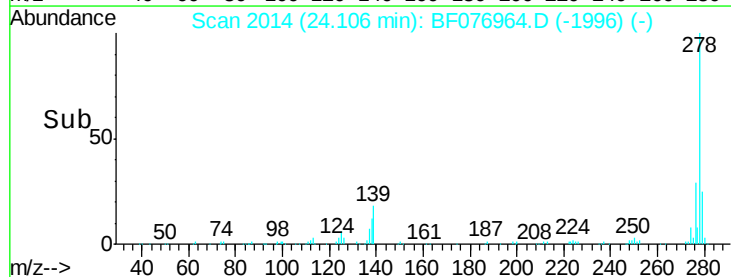
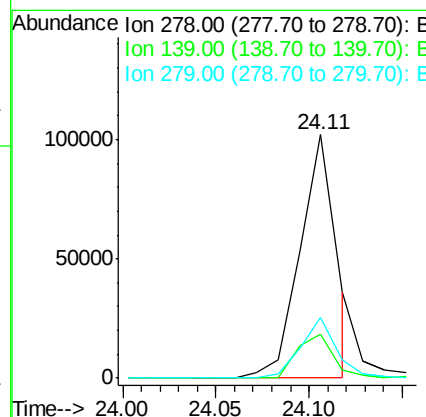
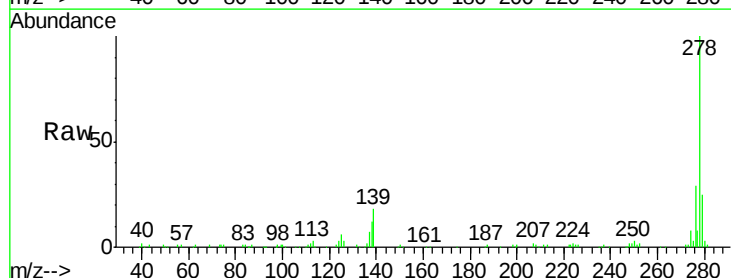
Instrument :
BNA_F
ClientSampleId :

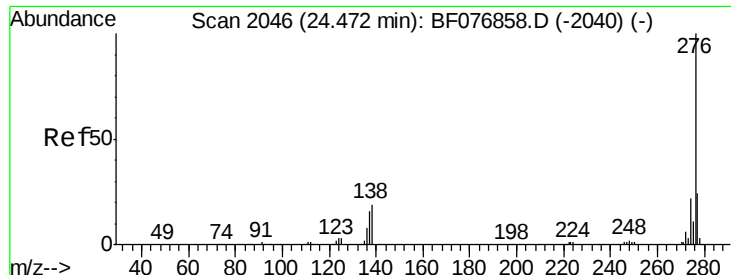
Tot Ion:252 Resp: 173917
Ion Ratio Lower Upper
252 100
253 20.7 17.9 26.9
125 11.8 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 21.50 ng
RT: 24.11 min Scan# 2014
Delta R.T. 0.10 min
Lab File: BF076964.D
Acq: 20 Jan 2015 16:11

Tgt Ion:278 Resp: 138619
Ion Ratio Lower Upper
278 100
139 18.1 10.5 15.7#
279 24.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 22.56 ng

RT: 24.37 min Scan# 2037

Delta R.T. 0.10 min

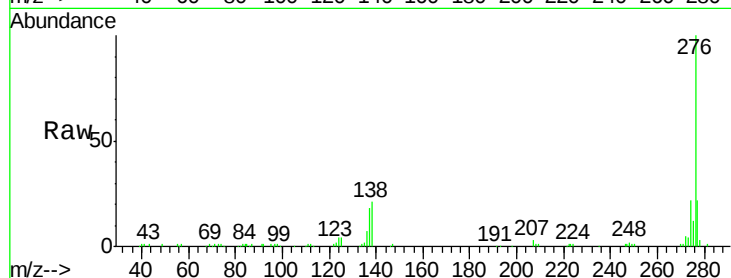
Lab File: BF076964.D

Acq: 20 Jan 2015 16:11

Instrument :

BNA_F

ClientSampleId :



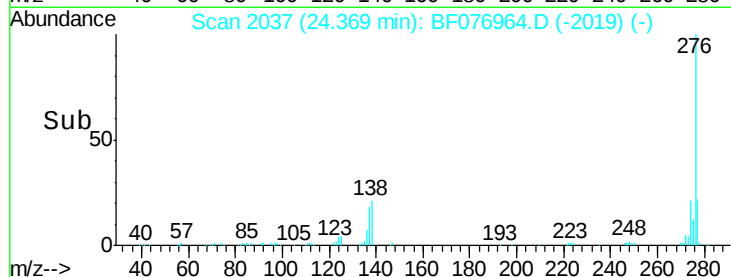
Tot Ion:276 Resp: 144601

Ion Ratio Lower Upper

276 100

277 22.1 19.5 29.3

138 21.0 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

