

Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077179.D
 Acq On : 4 Feb 2015 15:42
 Operator : TP/IZ
 Sample : PB81600BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Quant Time: Feb 05 00:28:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 23:51:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	27123	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	114241	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	56291	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	106650	20.00	ng	0.00
75) Chrysene-d12	21.07	240	100152	20.00	ng	0.00
86) Perylene-d12	22.79	264	88754	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	166816	101.12	ng	0.00
7) Phenol-d6	7.09	99	211600	101.68	ng	0.00
23) Nitrobenzene-d5	8.99	82	193920	94.04	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	51315	112.30	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	414350	112.02	ng	-0.01
78) Terphenyl-d14	19.81	244	472177	108.54	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	26989	38.21	ng	# 95
3) Pyridine	1.56	79	58735	32.13	ng	95
4) n-Nitrosodimethylamine	1.53	42	29358	32.42	ng	85
6) Aniline	6.98	93	55726	19.35	ng	98
8) 2-Chlorophenol	7.21	128	74915	39.39	ng	95
9) Benzaldehyde	6.73	77	5920	3.80	ng	87
10) Phenol	7.12	94	79228	35.85	ng	91
11) bis(2-Chloroethyl)ether	7.23	93	66826	38.65	ng	# 79
12) 1,3-Dichlorobenzene	7.53	146	80482	37.20	ng	94
13) 1,4-Dichlorobenzene	7.72	146	81140	35.36	ng	99
14) 1,2-Dichlorobenzene	8.03	146	78259	37.02	ng	95
15) Benzyl Alcohol	8.13	79	63142	37.50	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	90433	38.91	ng	97
17) 2-Methylphenol	8.48	107	56167	36.14	ng	90
18) Hexachloroethane	8.77	117	30156	37.79	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	54576	37.46	ng	96
20) 3+4-Methylphenols	8.86	107	64506	31.35	ng	90
22) Acetophenone	8.68	105	107208	38.31	ng	99
24) Nitrobenzene	9.04	77	77803	37.04	ng	96
25) Isophorone	9.63	82	143453	38.20	ng	98
26) 2-Nitrophenol	9.78	139	34767	32.90	ng	94
27) 2,4-Dimethylphenol	10.05	122	65923	40.58	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	90749	42.52	ng	99
29) 2,4-Dichlorophenol	10.38	162	50764	33.53	ng	94
30) 1,2,4-Trichlorobenzene	10.50	180	66707	39.67	ng	99
31) Naphthalene	10.64	128	220070	37.42	ng	99
32) Benzoic acid	10.45	122	15387	17.10	ng	93
33) 4-Chloroaniline	10.90	127	46543	19.58	ng	99
34) Hexachlorobutadiene	11.00	225	38567	38.65	ng	96
35) Caprolactam	11.73	113	10770	24.16	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	65101	37.55	ng	95
37) 2-Methylnaphthalene	12.29	142	159873	39.80	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	62554	44.95	ng	96
40) Hexachlorocyclopentadiene	12.68	237	63581	84.59	ng	94

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

42) 2,4,6-Trichlorophenol	13.05	196	39825	39.27	nq	98
43) 2,4,5-Trichlorophenol	13.15	196	35197	34.03	nq #	95
45) 1,1'-Biphenyl	13.45	154	185811	44.53	nq	96
46) 2-Chloronaphthalene	13.43	162	149351	43.49	nq	97
47) 2-Nitroaniline	13.77	65	44657	42.87	nq	98
48) Acenaphthylene	14.36	152	237410	40.99	nq	99
49) Dimethylphthalate	14.33	163	187414	46.95	nq	97
50) 2,6-Dinitrotoluene	14.42	165	37203	46.64	nq	91
51) Acenaphthene	14.79	154	134189	40.83	nq	95
52) 3-Nitroaniline	14.77	138	28919	28.53	nq #	98
53) 2,4-Dinitrophenol	15.06	184	18821	54.65	nq	97
54) Dibenzofuran	15.21	168	212542	44.40	nq	97
55) 4-Nitrophenol	15.38	139	33897	54.17	nq	97
56) 2,4-Dinitrotoluene	15.36	165	51901	43.61	nq #	92
57) Fluorene	15.97	166	179891	44.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	28023	37.21	nq	97
59) Diethylphthalate	15.99	149	202246	50.13	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	77728	46.84	nq	96
61) 4-Nitroaniline	16.13	138	35604	35.79	nq	97
62) Azobenzene	16.36	77	198476	47.21	nq	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	20134	30.66	nq	93
65) n-Nitrosodiphenylamine	16.32	169	147729	38.85	nq	96
66) 4-Bromophenyl-phenylether	16.93	248	46983	43.48	nq	90
67) Hexachlorobenzene	16.95	284	45138	39.64	nq #	87
68) Atrazine	17.32	200	51132	44.31	nq	99
69) Pentachlorophenol	17.32	266	24217	49.27	nq	97
70) Phenanthrene	17.60	178	253712	38.15	nq	99
71) Anthracene	17.68	178	254112	39.18	nq	98
72) Carbazole	17.97	167	245177	38.98	nq	98
73) Di-n-butylphthalate	18.57	149	336428	46.20	nq	98
74) Fluoranthene	19.25	202	264925	38.87	nq	98
76) Benzydine	19.51	184	116925	36.48	nq	99
77) Pyrene	19.54	202	284351	41.43	nq	99
79) Butylbenzylphthalate	20.48	149	147903	47.58	nq	94
80) Benzo(a)anthracene	21.06	228	245064	39.00	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	54161	27.12	nq #	94
82) Chrysene	21.11	228	231141	40.34	nq	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	217947	50.67	nq	97
84) Di-n-octyl phthalate	22.01	149	381580	51.12	nq	100
87) Benzo(b)fluoranthene	22.35	252	255622	42.76	nq	98
88) Benzo(k)fluoranthene	22.35	252	255604	48.94	nq	98
89) Benzo(a)pyrene	22.73	252	212885	40.37	nq	96
91) Benzo(g,h,i)perylene	24.24	276	158021	32.85	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

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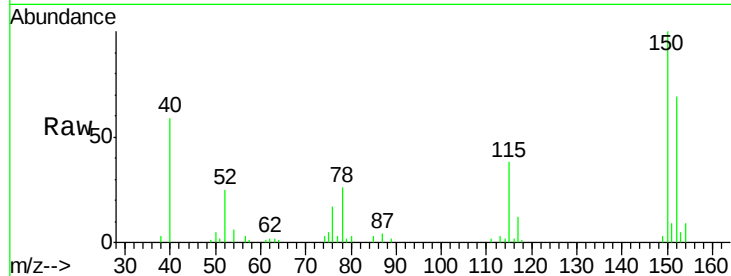
Tot Ion:152 Resp: 27123

Ion Ratio Lower Upper

152 100

150 145.2 121.7 182.5

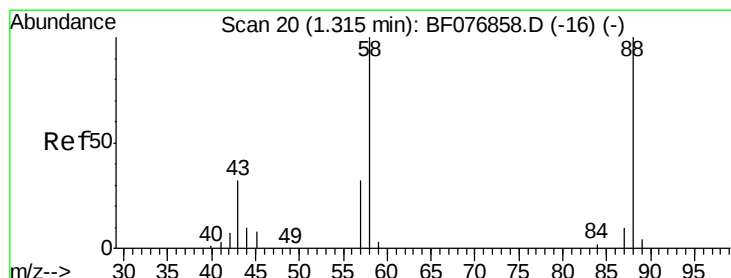
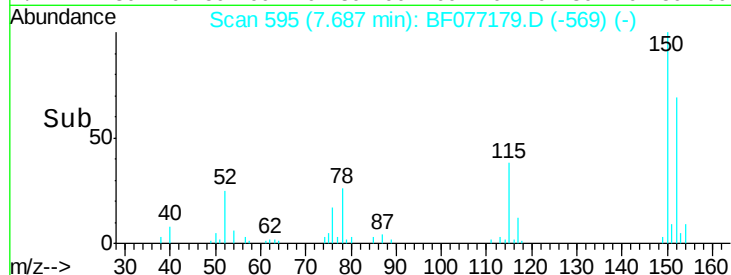
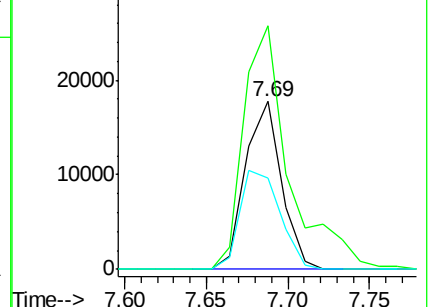
115 54.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.21 ng

RT: 1.12 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

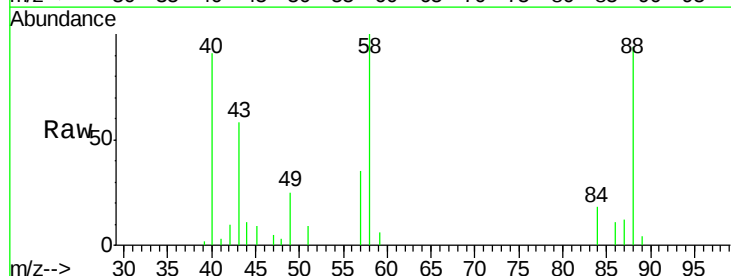
Tgt Ion: 88 Resp: 26989

Ion Ratio Lower Upper

88 100

58 97.9 77.0 115.4

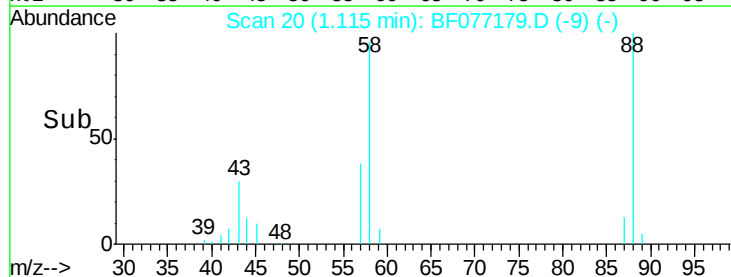
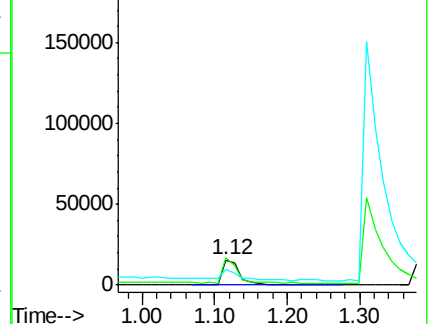
43 40.6 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.13 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

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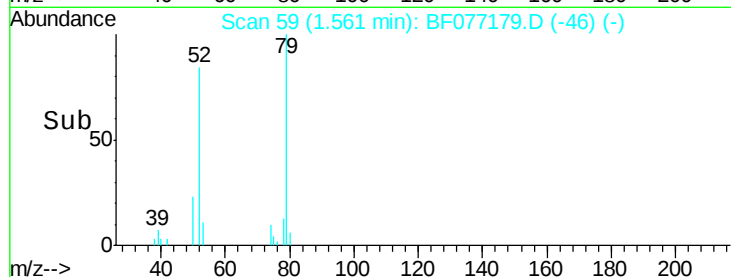
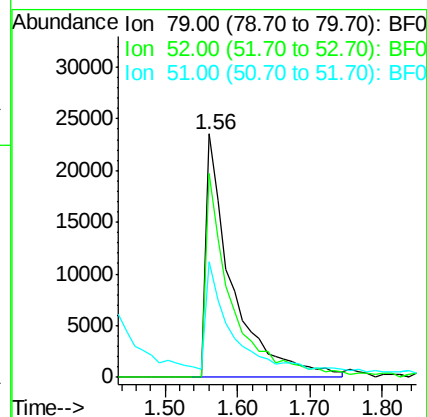
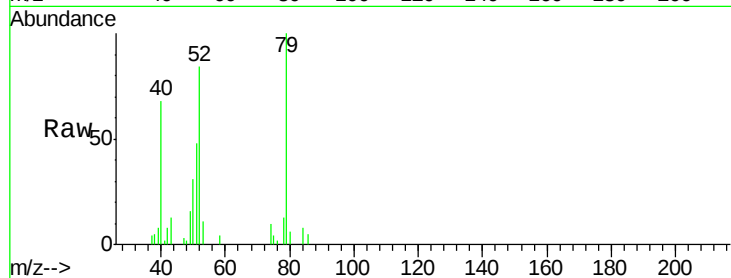
Tot Ion: 79 Resp: 58735

Ion Ratio Lower Upper

79 100

52 83.6 70.1 105.1

51 47.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 32.42 ng

RT: 1.53 min Scan# 56

Delta R.T. 0.03 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

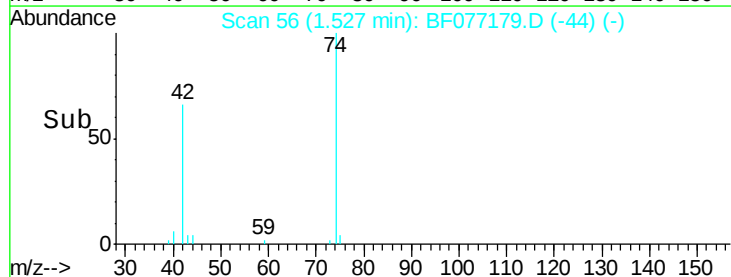
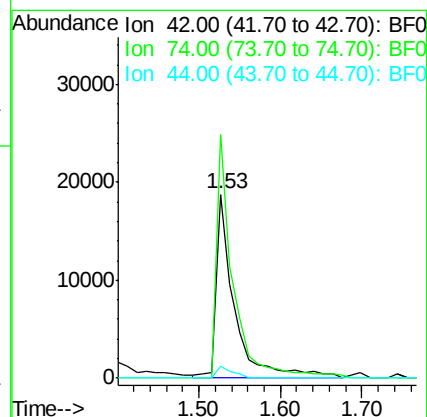
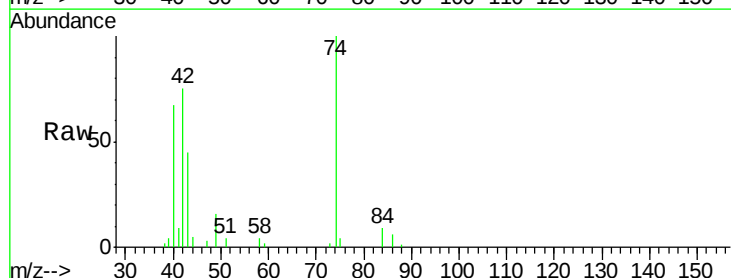
Tgt Ion: 42 Resp: 29358

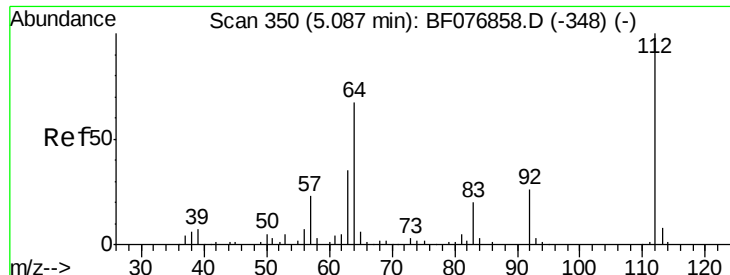
Ion Ratio Lower Upper

42 100

74 132.6 92.4 138.6

44 6.7 6.2 9.2





#5

2-Fluorophenol

Concen: 101.12 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

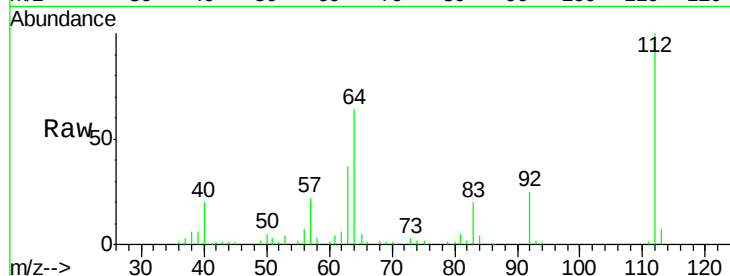
Tot Ion: 112 Resp: 166816

Ion Ratio Lower Upper

112 100

64 64.3 54.2 81.4

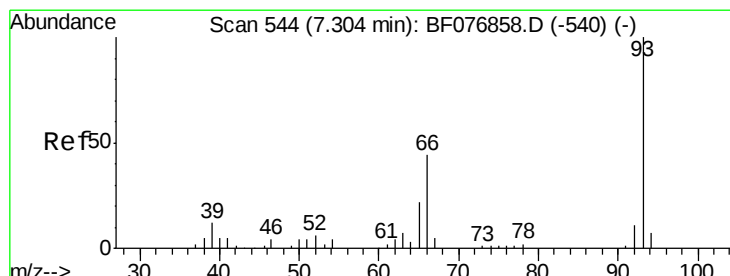
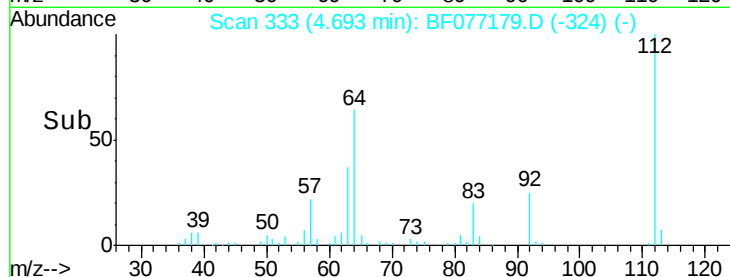
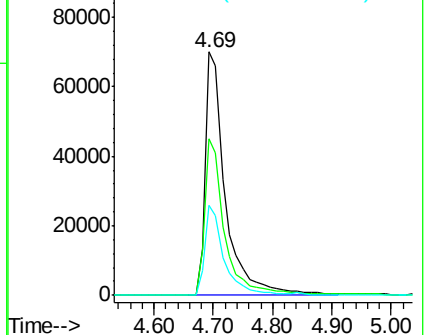
63 36.9 28.4 42.6



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: 19.35 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

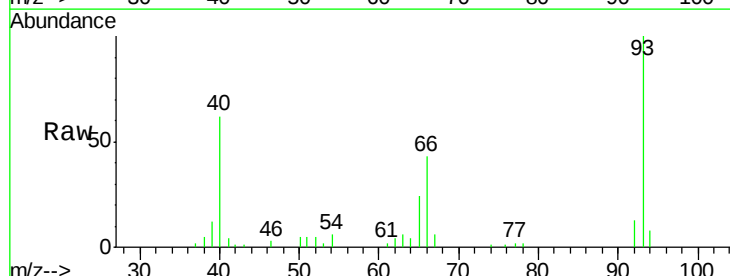
Tgt Ion: 93 Resp: 55726

Ion Ratio Lower Upper

93 100

66 43.2 35.0 52.4

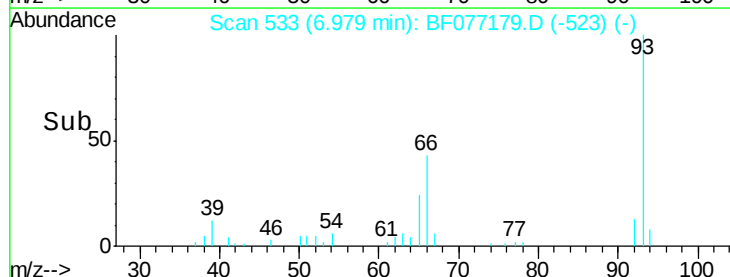
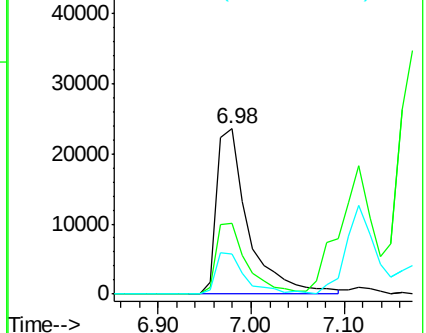
65 24.3 17.7 26.5

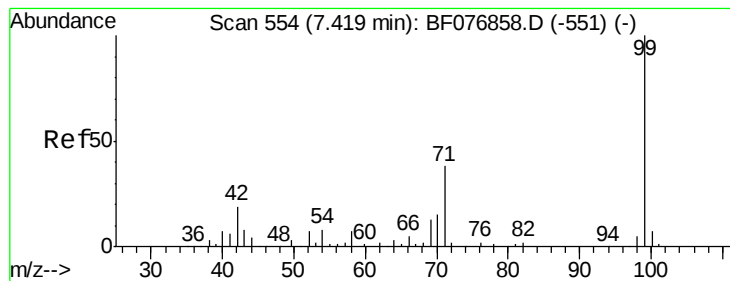


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.68 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

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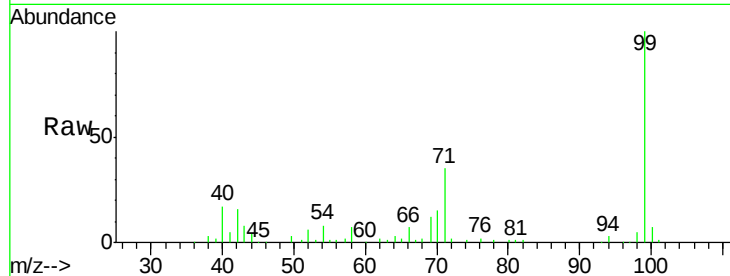
Tot Ion: 99 Resp: 211600

Ion Ratio Lower Upper

99 100

42 16.2 15.0 22.4

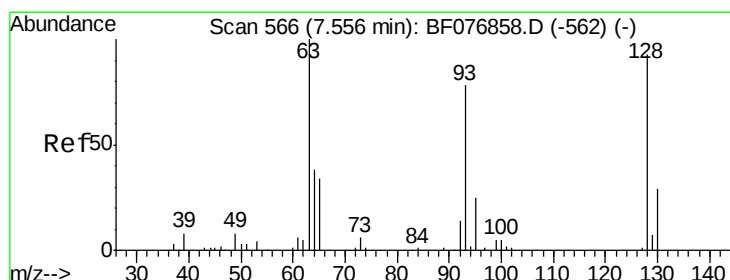
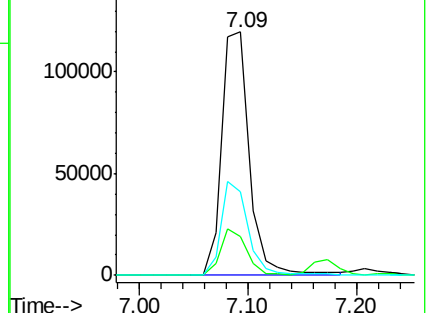
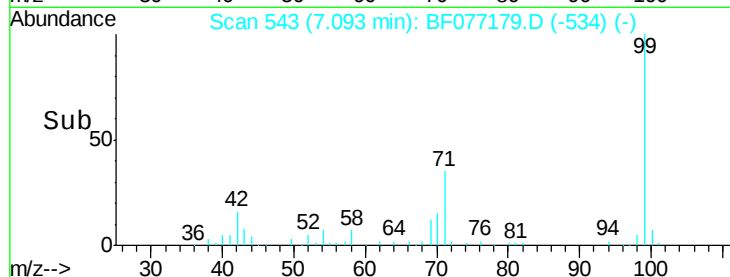
71 34.6 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.39 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

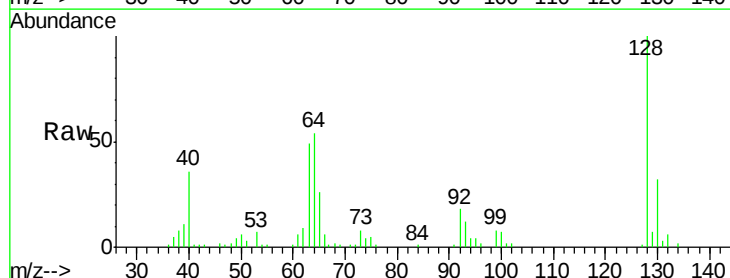
Tgt Ion: 128 Resp: 74915

Ion Ratio Lower Upper

128 100

130 31.7 11.0 51.0

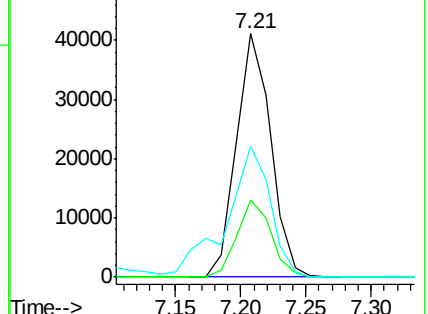
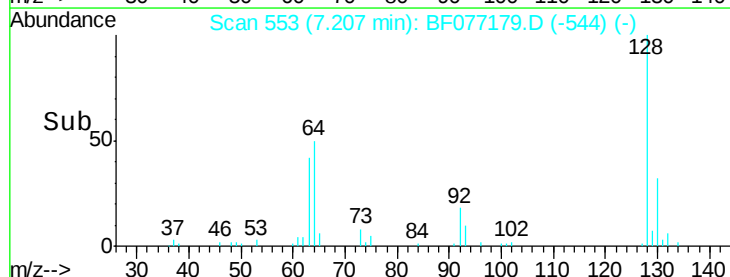
64 53.8 29.3 69.3

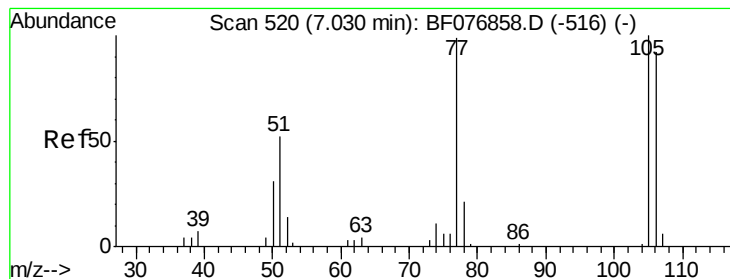


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.80 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.05 min

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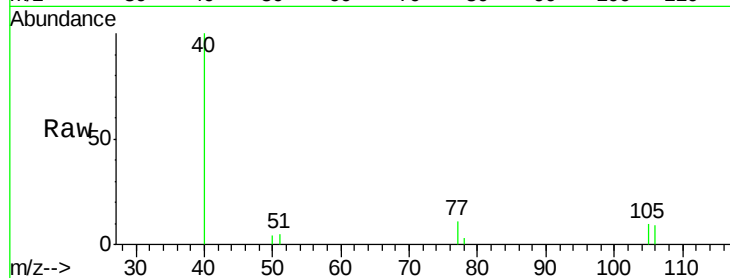
Tot Ion: 77 Resp: 5920

Ion Ratio Lower Upper

77 100

105 89.9 81.4 121.4

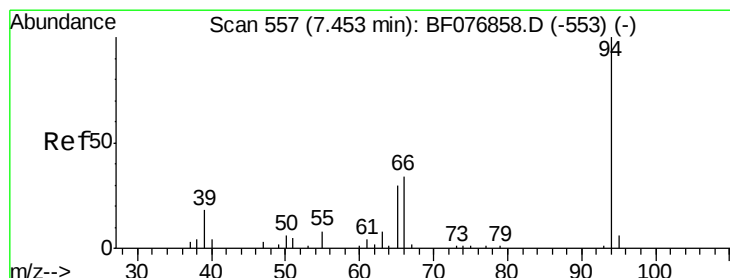
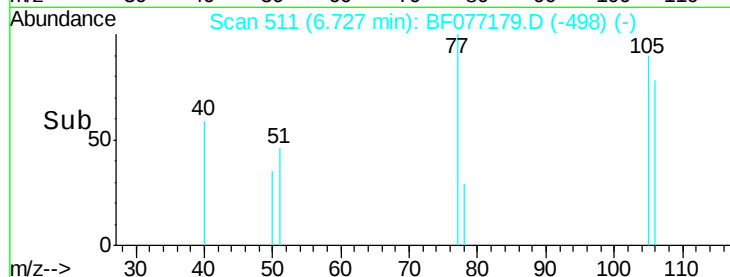
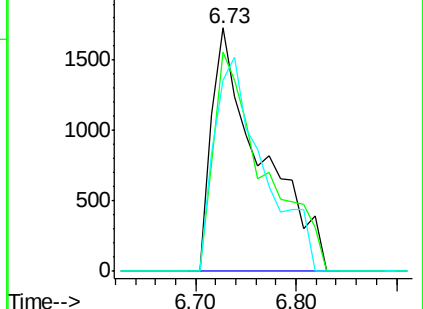
106 78.3 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.85 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

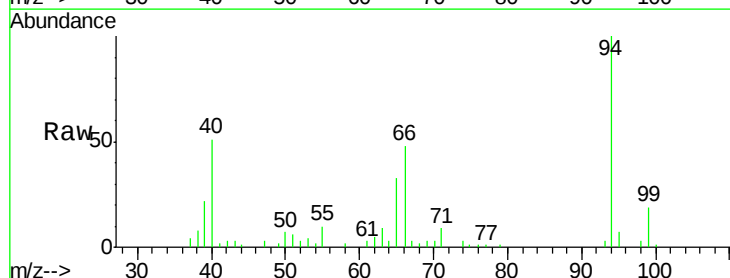
Tgt Ion: 94 Resp: 79228

Ion Ratio Lower Upper

94 100

65 33.3 11.3 51.3

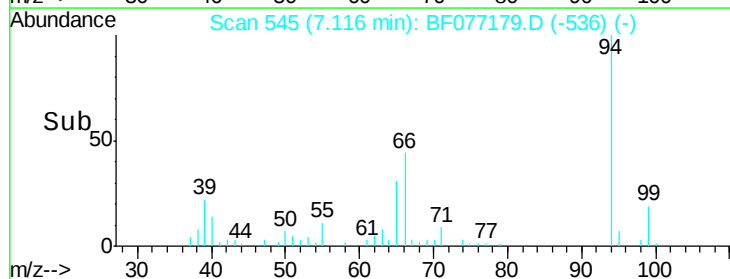
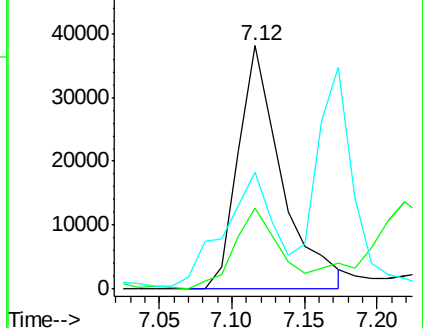
66 48.0 19.5 59.5

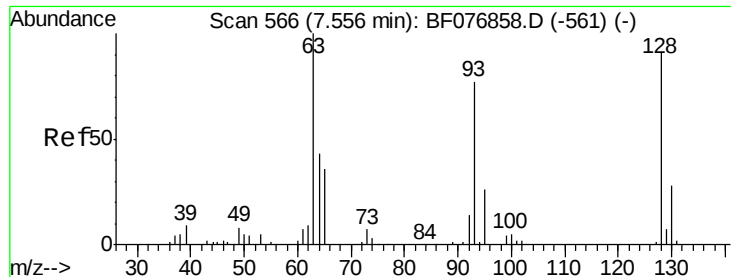


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

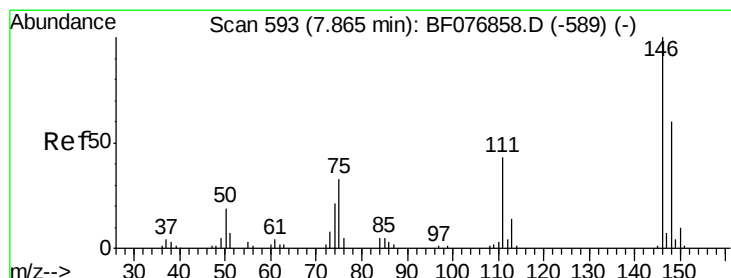
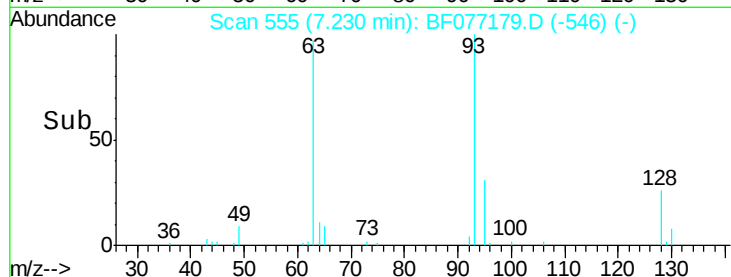
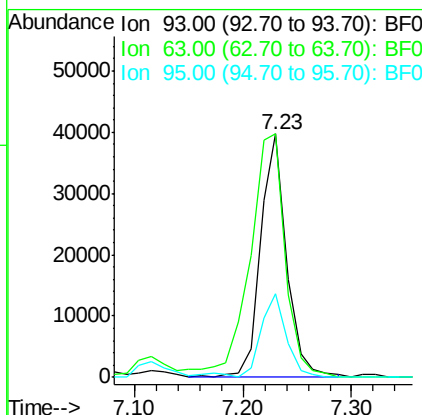
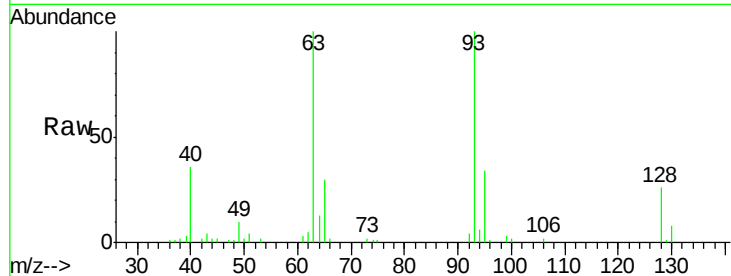




#11
bis(2-Chloroethyl)ether
Concen: 38.65 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

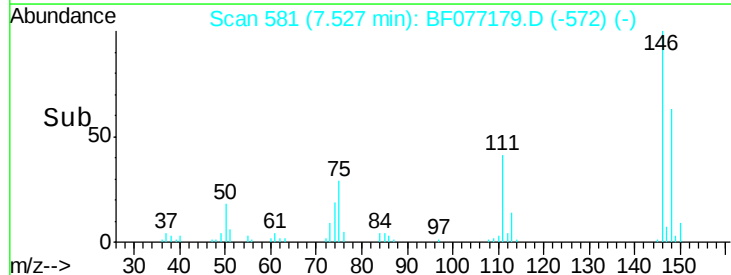
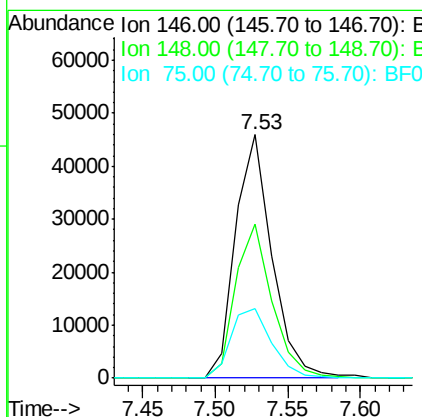
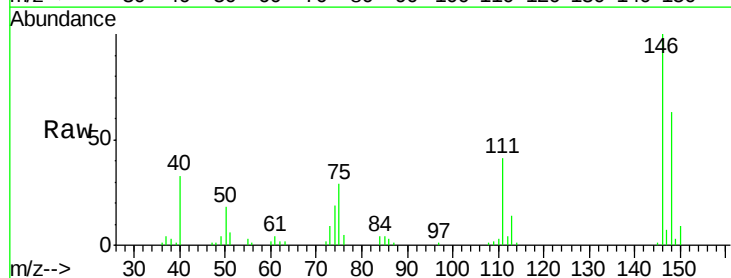
Instrument :
BNA_F
ClientSampled :
PB81600BS

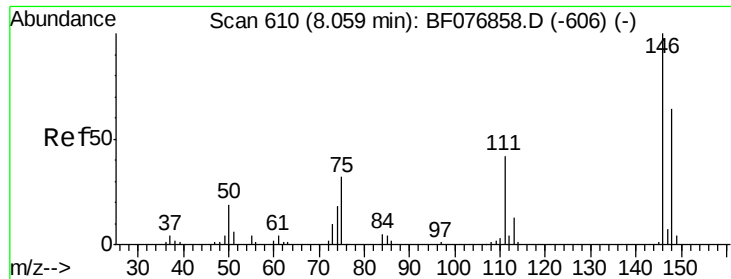
Tot Ion: 93 Resp: 66826
Ion Ratio Lower Upper
93 100
63 100.0 111.3 151.3#
95 34.1 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 37.20 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion: 146 Resp: 80482
Ion Ratio Lower Upper
146 100
148 63.4 48.1 72.1
75 28.8 26.8 40.2

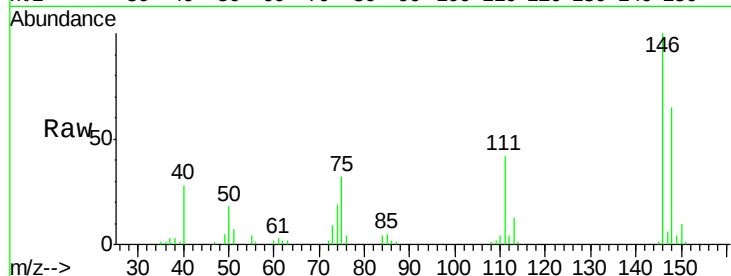




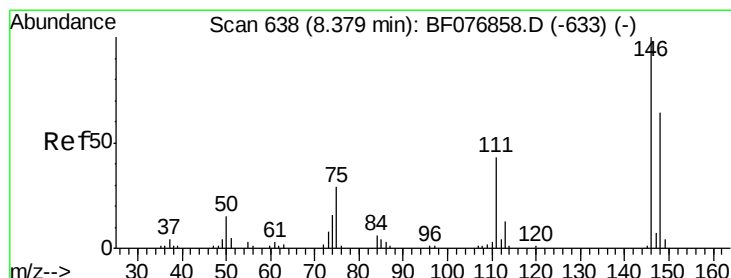
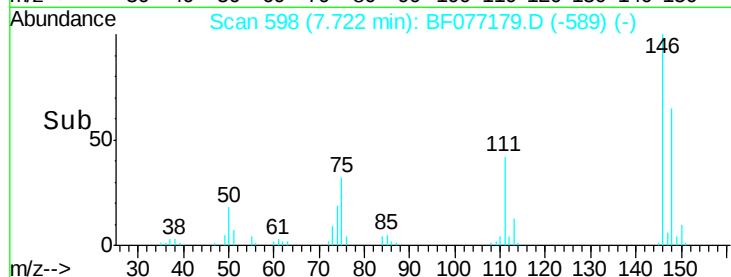
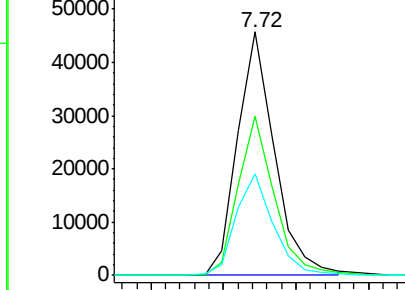
#13
 1,4-Dichlorobenzene
 Concen: 35.36 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion:146 Resp: 81140
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.5 77.3
 111 41.9 33.9 50.9

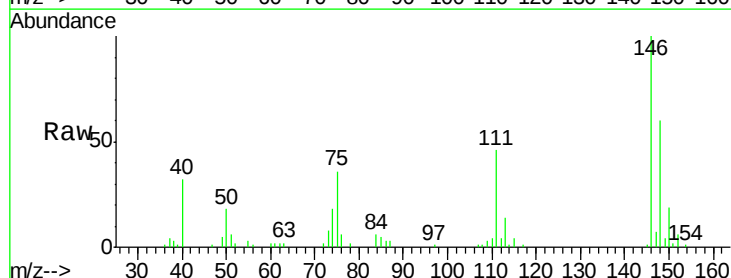


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

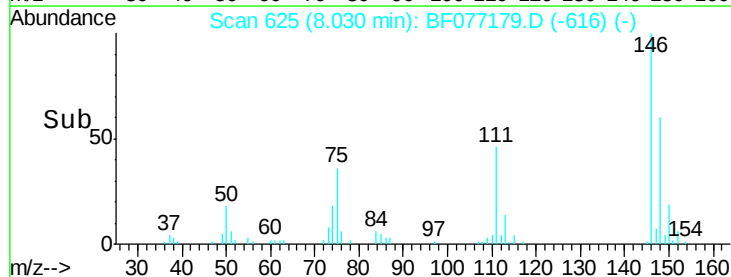
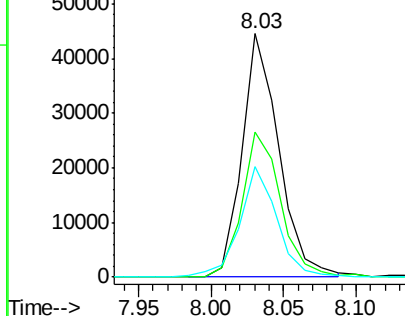


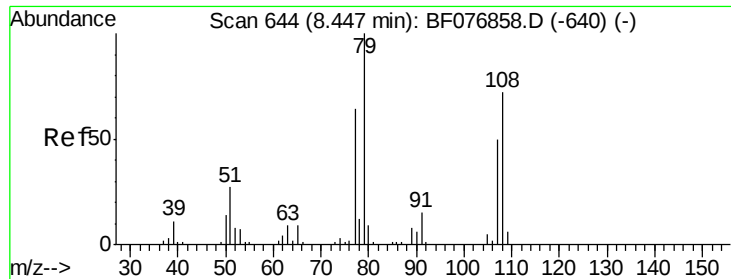
#14
 1,2-Dichlorobenzene
 Concen: 37.02 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:146 Resp: 78259
 Ion Ratio Lower Upper
 146 100
 148 59.8 51.3 76.9
 111 45.5 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 37.50 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

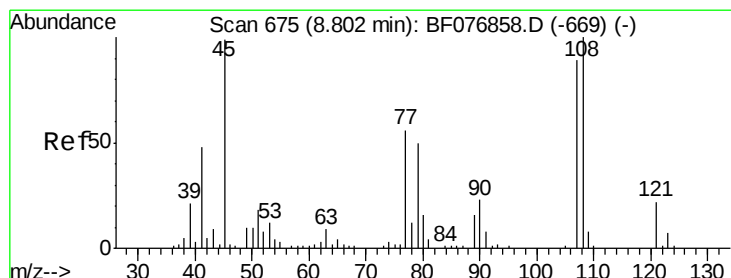
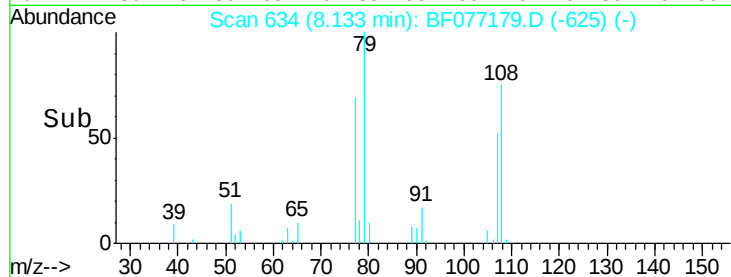
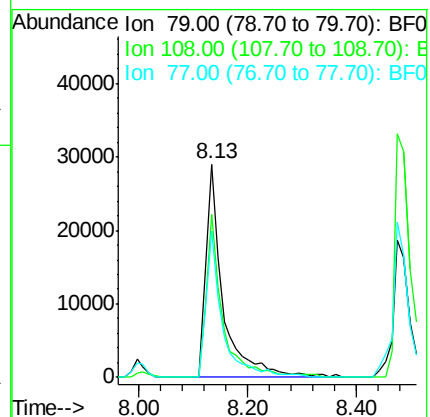
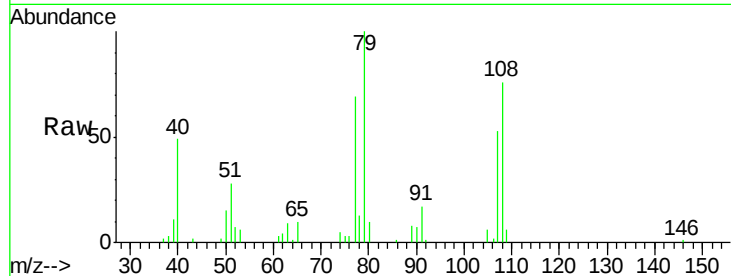
Tot Ion: 79 Resp: 63142

Ion Ratio Lower Upper

79 100

108 76.4 57.2 85.8

77 68.9 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.91 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

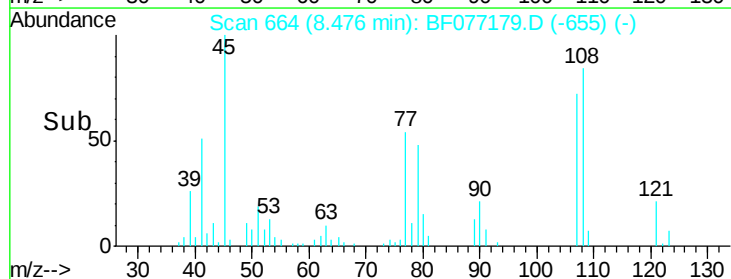
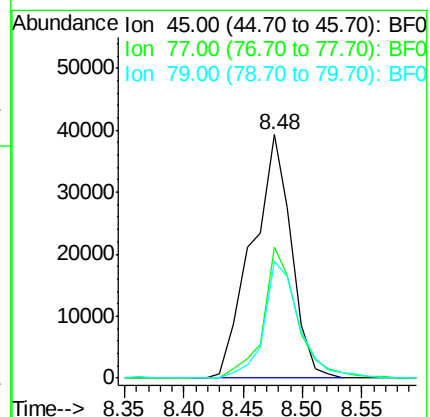
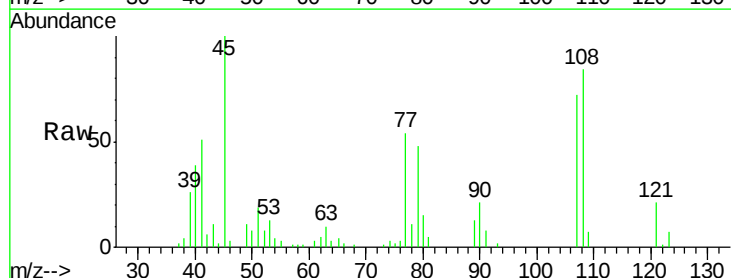
Tgt Ion: 45 Resp: 90433

Ion Ratio Lower Upper

45 100

77 53.8 36.1 76.1

79 47.8 30.5 70.5

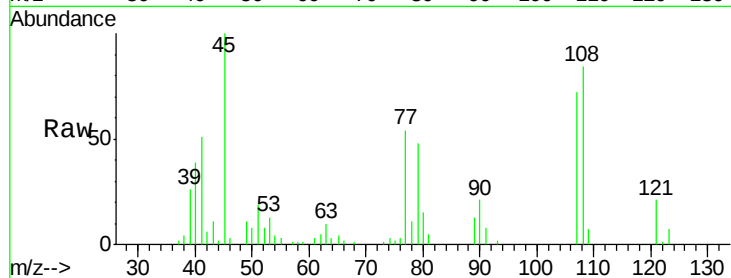




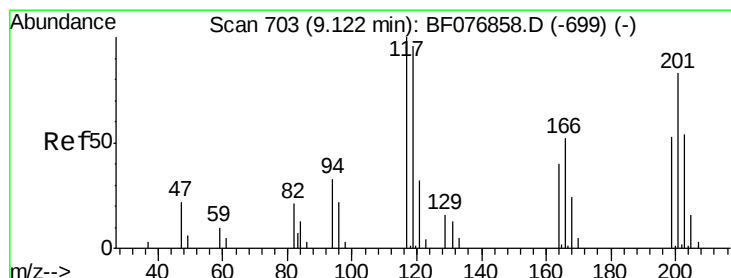
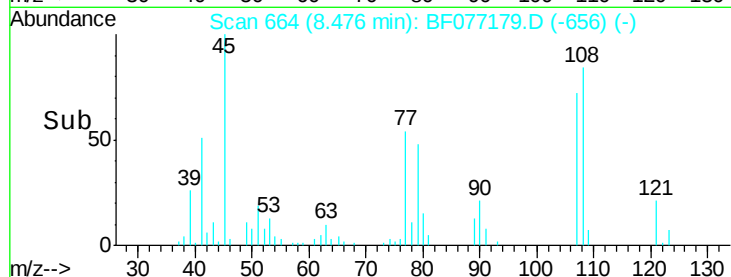
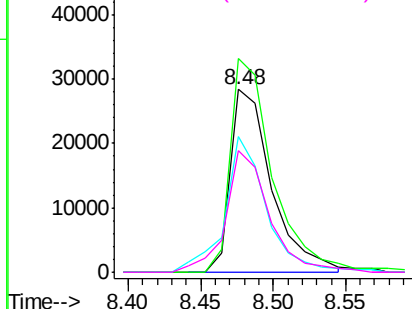
#17
2-Methylphenol
Concen: 36.14 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:107 Resp: 56167
Ion Ratio Lower Upper
107 100
108 117.1 89.7 134.5
77 74.7 50.1 75.1
79 66.3 45.0 67.6

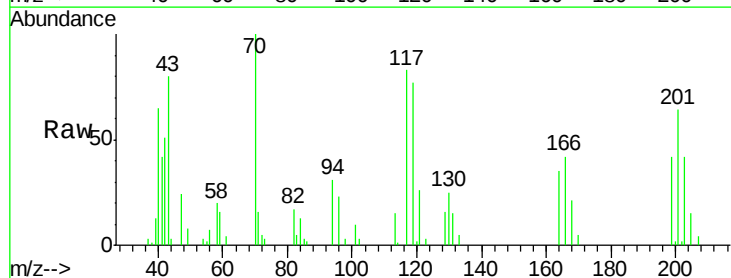


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

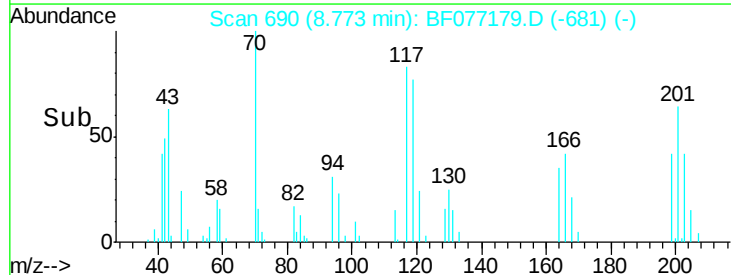
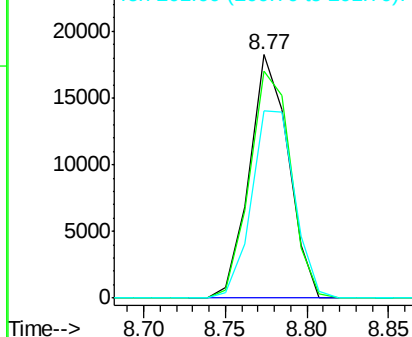


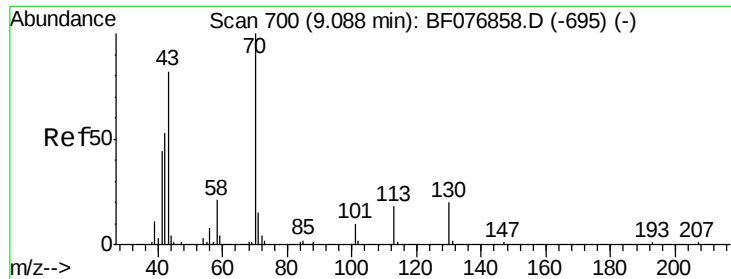
#18
Hexachloroethane
Concen: 37.79 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:117 Resp: 30156
Ion Ratio Lower Upper
117 100
119 93.3 77.1 115.7
201 77.1 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

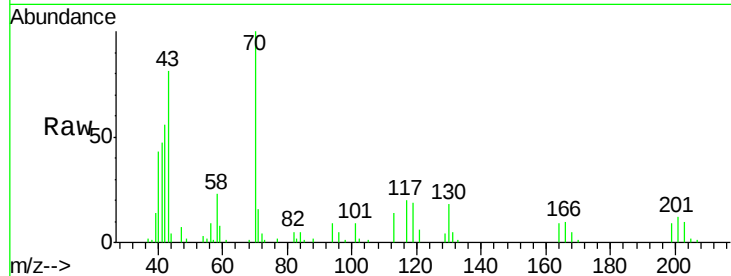




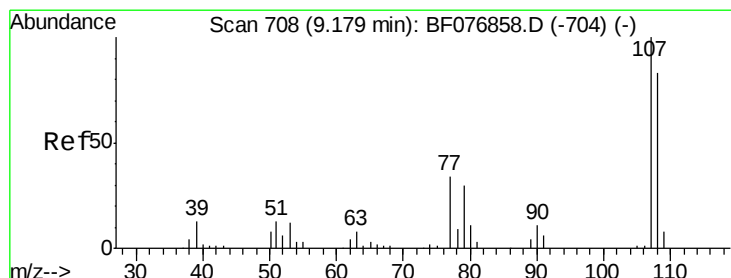
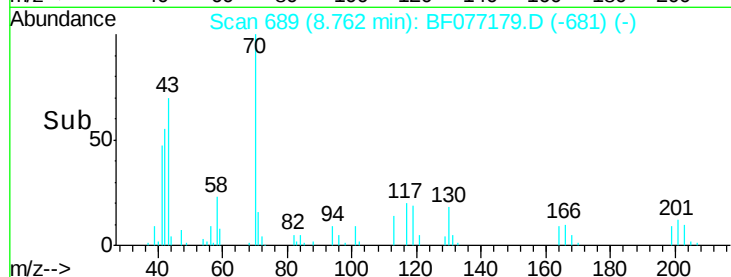
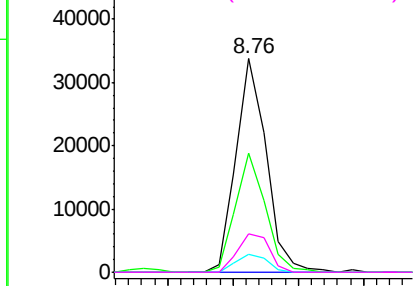
#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:	70	Resp:	54576
Ion	Ratio	Lower	Upper
70	100		
42	55.7	42.1	63.1
101	8.7	7.8	11.8
130	18.1	16.2	24.4

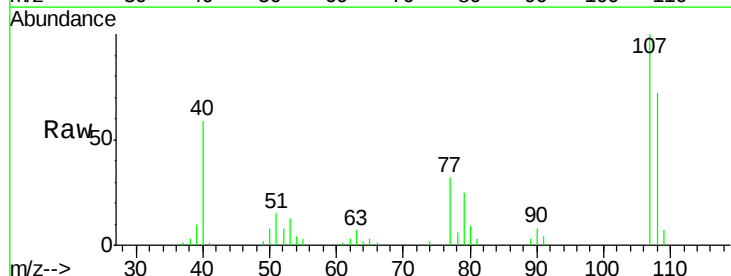


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

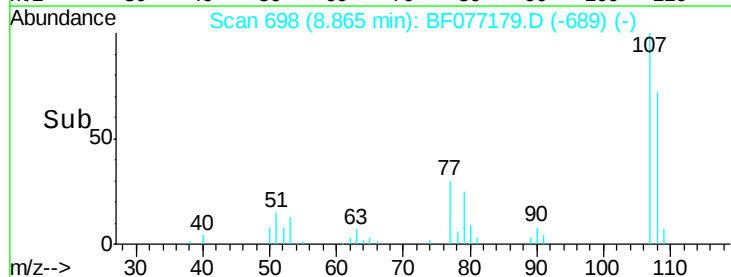
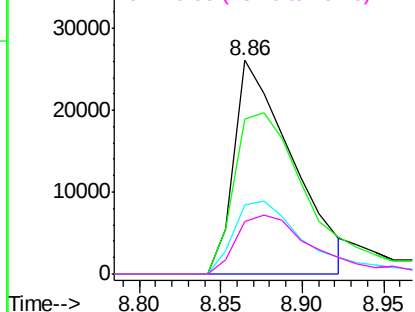


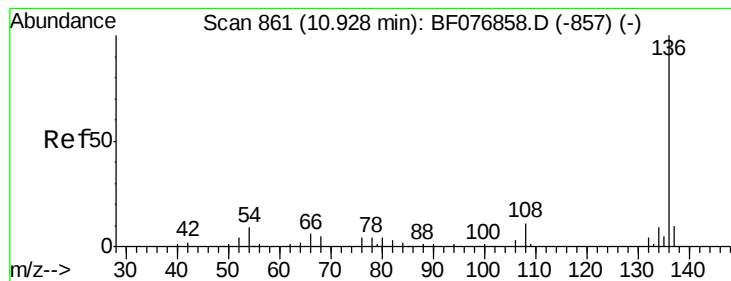
#20
3+4-Methylphenols
Concen: 31.35 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:	107	Resp:	64506
Ion	Ratio	Lower	Upper
107	100		
108	72.3	63.5	103.5
77	32.5	14.0	54.0
79	24.8	9.9	49.9



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

Tot Ion:136 Resp: 114241

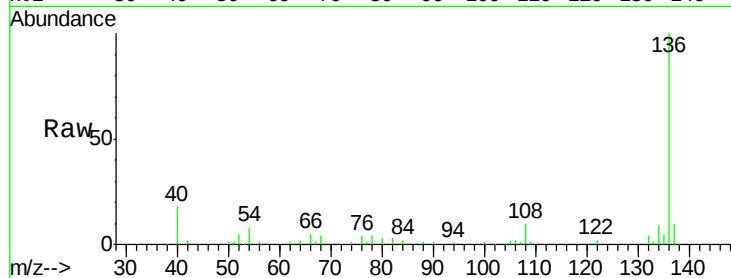
Ion Ratio Lower Upper

136 100

137 10.5 8.1 12.1

54 8.4 7.0 10.4

68 4.5 3.7 5.5

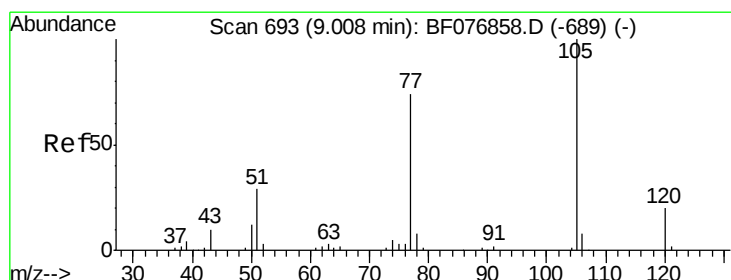
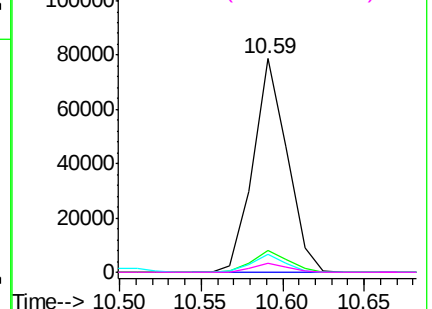
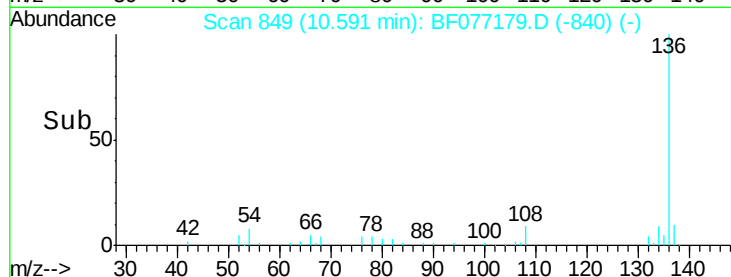


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.31 ng

RT: 8.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Tgt Ion:105 Resp: 107208

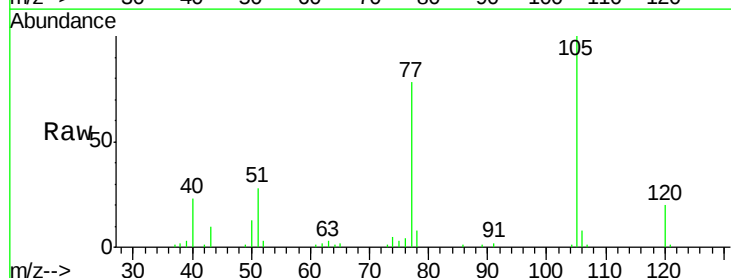
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 28.1 23.3 34.9

120 19.8 16.1 24.1

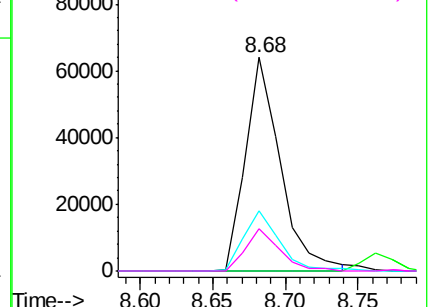
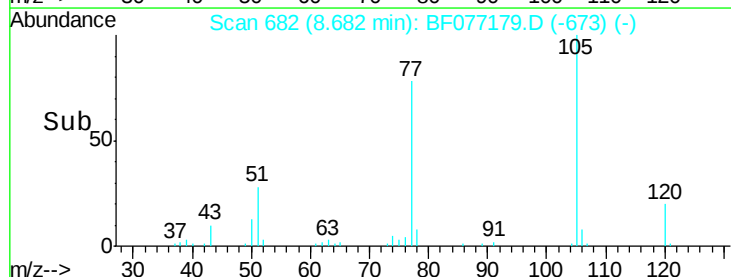


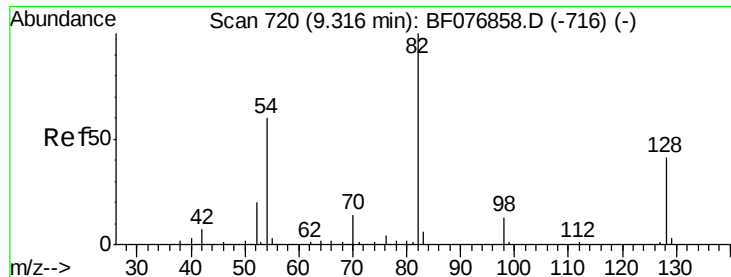
Abundance Ion 105.00 (104.70 to 105.70): E

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

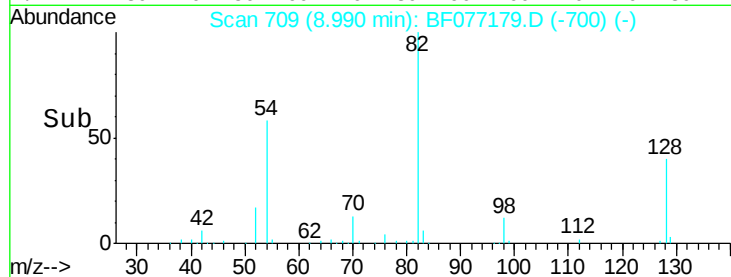
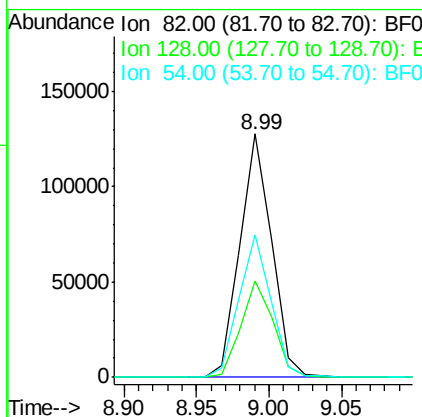
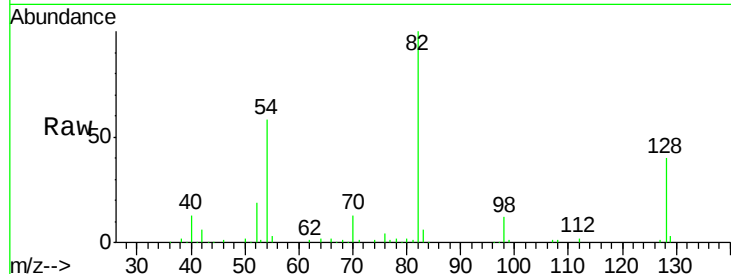




#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

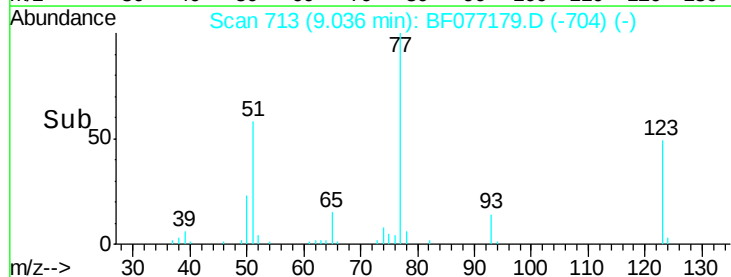
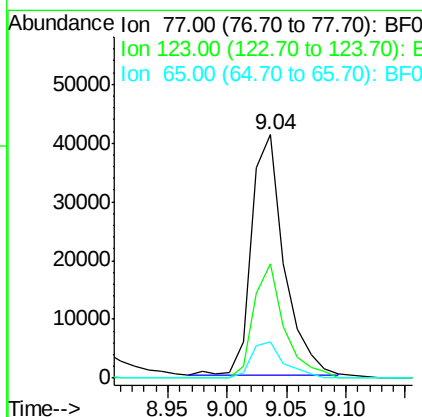
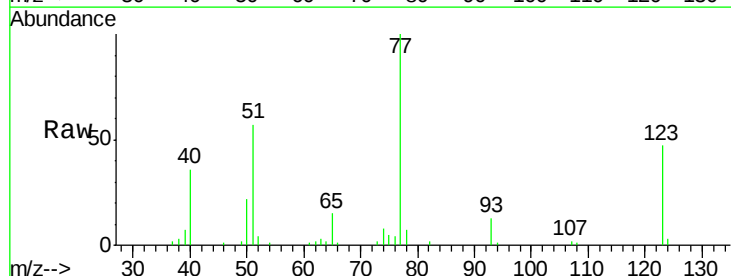
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion: 82 Resp: 193920
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.1 49.7
 54 58.4 48.3 72.5



#24
 Nitrobenzene
 Concen: 37.04 ng
 RT: 9.04 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion: 77 Resp: 77803
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.2 52.8
 65 14.9 11.4 17.2





#25

Isophorone

Concen: 38.20 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

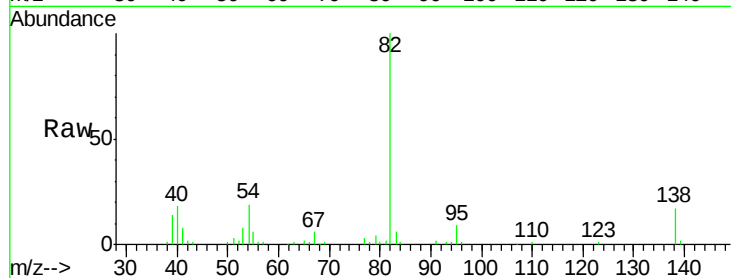
Tot Ion: 82 Resp: 143453

Ion Ratio Lower Upper

82 100

95 8.6 6.6 10.0

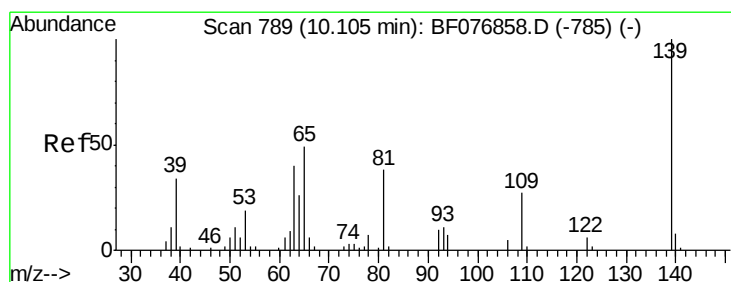
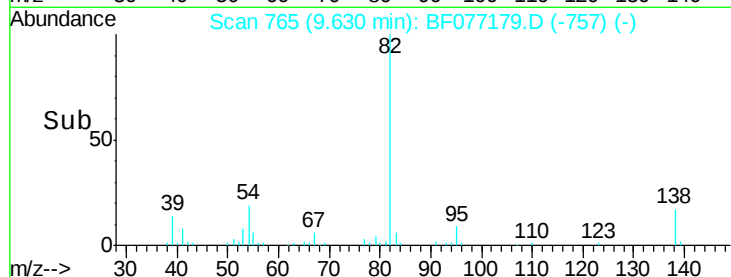
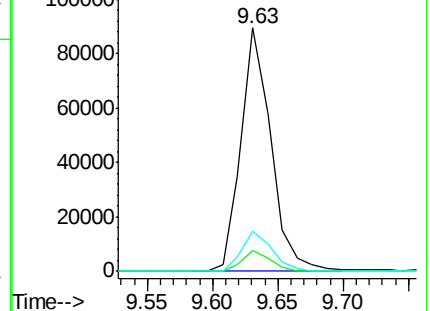
138 16.6 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF077179.D (-765) (-)

Ion 95.00 (94.70 to 95.70): BF077179.D (-765) (-)

Ion 138.00 (137.70 to 138.70): BF077179.D (-765) (-)



#26

2-Nitrophenol

Concen: 32.90 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

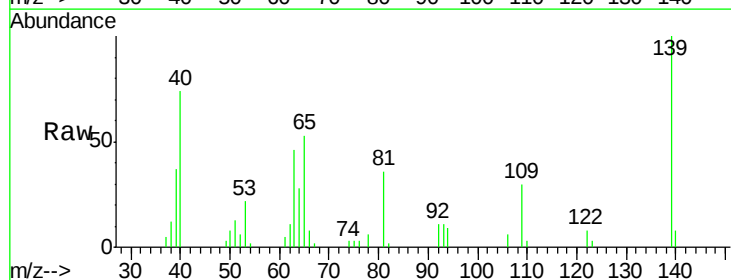
Tgt Ion: 139 Resp: 34767

Ion Ratio Lower Upper

139 100

109 30.1 21.3 31.9

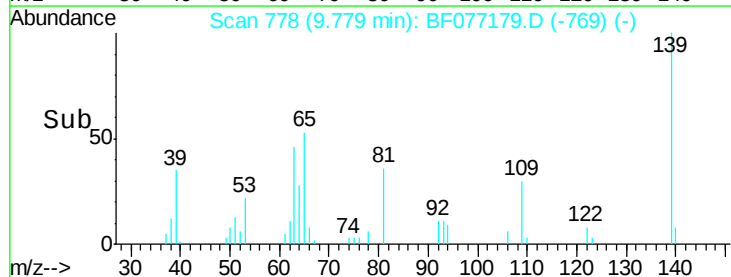
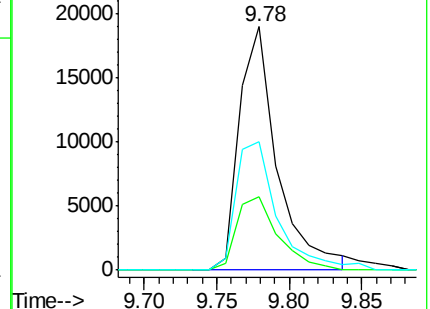
65 52.7 39.4 59.0

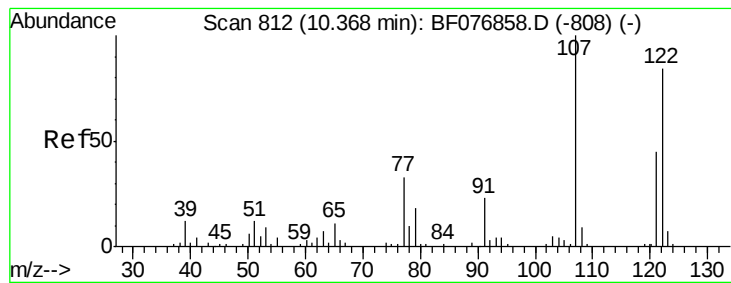


Abundance Ion 139.00 (138.70 to 139.70): BF077179.D (-778) (-)

Ion 109.00 (108.70 to 109.70): BF077179.D (-778) (-)

Ion 65.00 (64.70 to 65.70): BF077179.D (-778) (-)





#27

2,4-Dimethylphenol

Concen: 40.58 ng

RT: 10.05 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

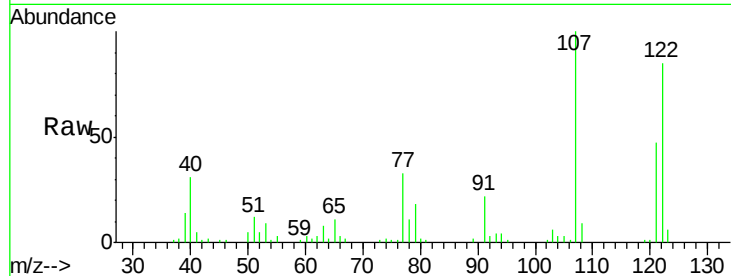
Tot Ion:122 Resp: 65923

Ion Ratio Lower Upper

122 100

107 118.0 95.2 142.8

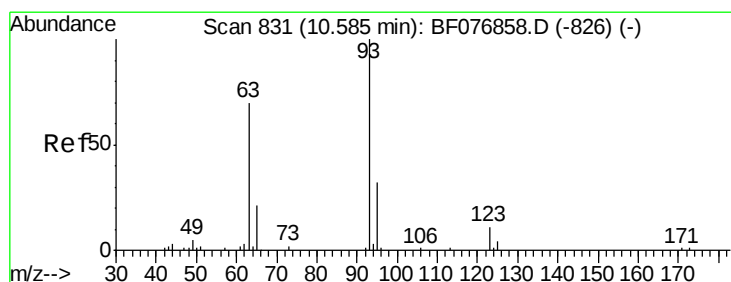
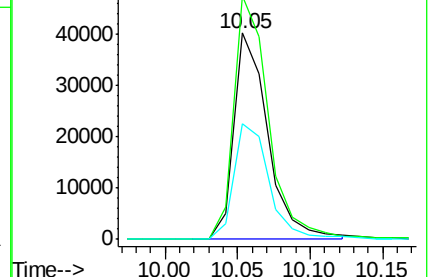
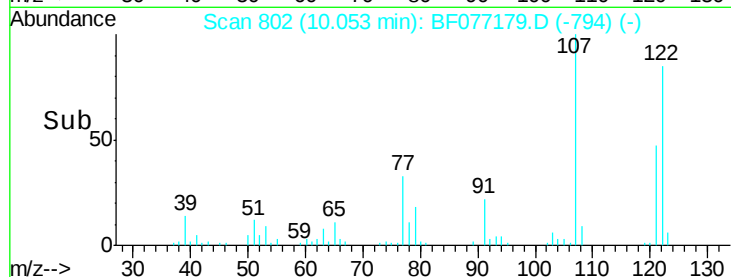
121 56.0 42.9 64.3



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: 42.52 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

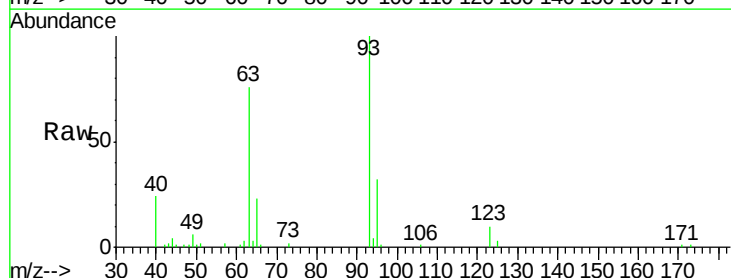
Tgt Ion: 93 Resp: 90749

Ion Ratio Lower Upper

93 100

95 31.8 25.6 38.4

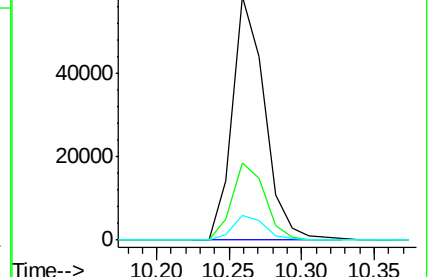
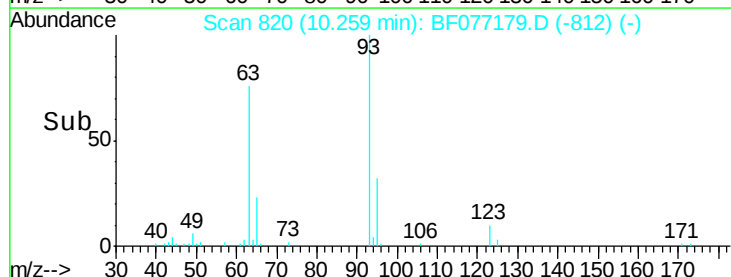
123 10.2 8.9 13.3

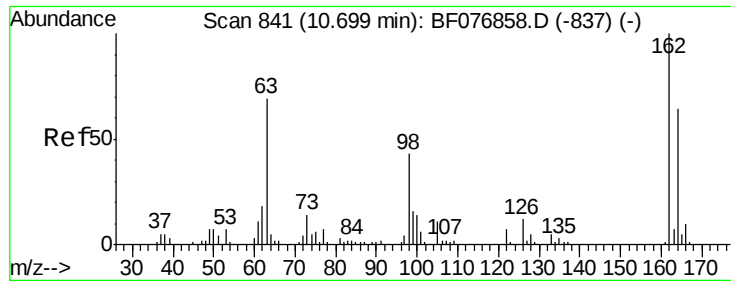


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

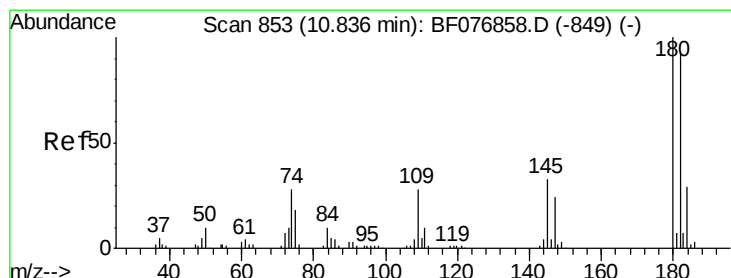
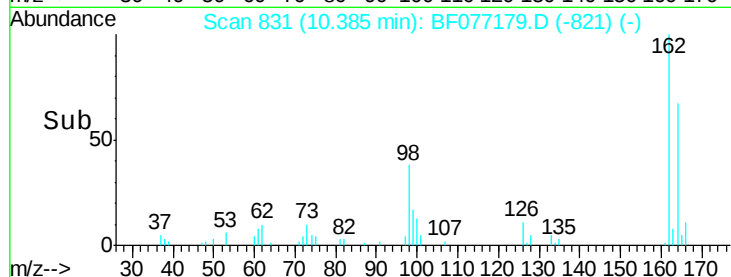
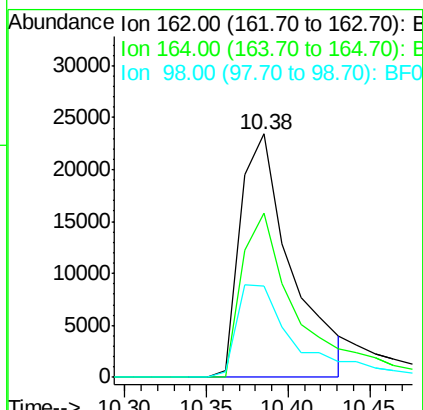
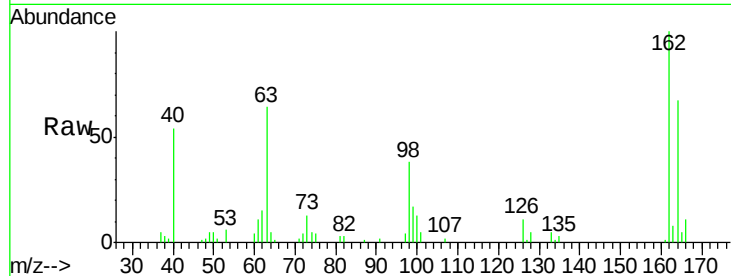




#29
 2,4-Dichlorophenol
 Concen: 33.53 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

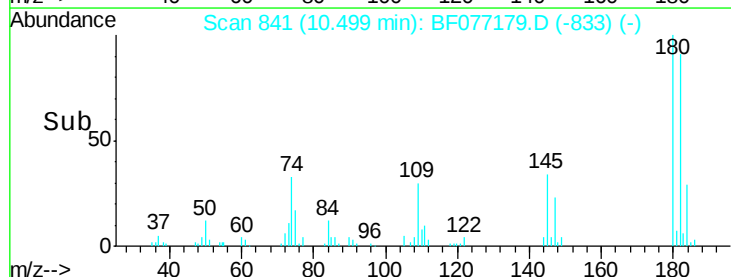
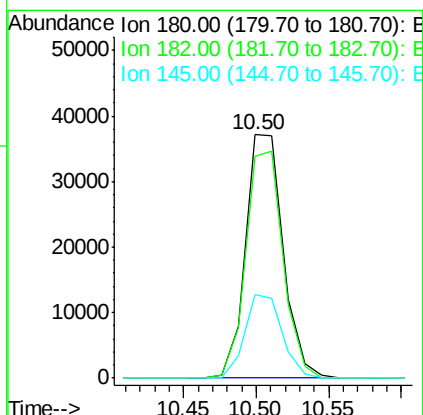
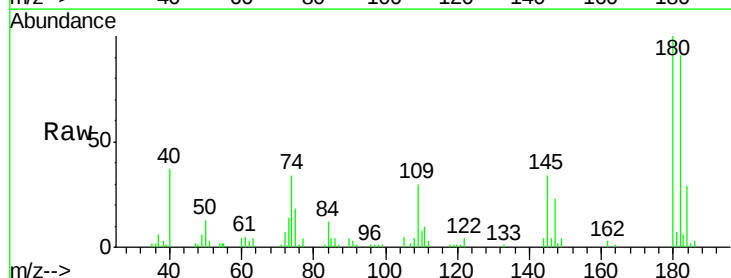
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

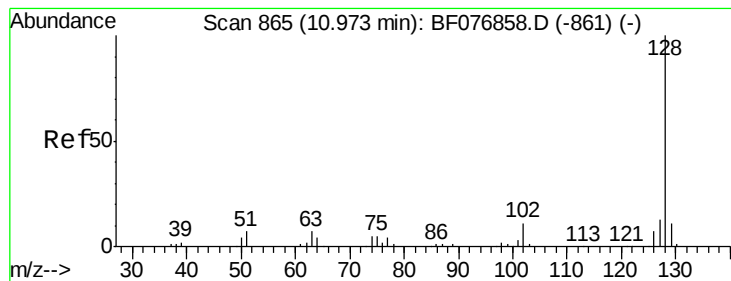
Tot Ion:162 Resp: 50764
 Ion Ratio Lower Upper
 162 100
 164 67.2 43.8 83.8
 98 37.6 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.67 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:180 Resp: 66707
 Ion Ratio Lower Upper
 180 100
 182 91.2 73.6 110.4
 145 34.2 26.6 39.8





#31

Naphthalene

Concen: 37.42 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

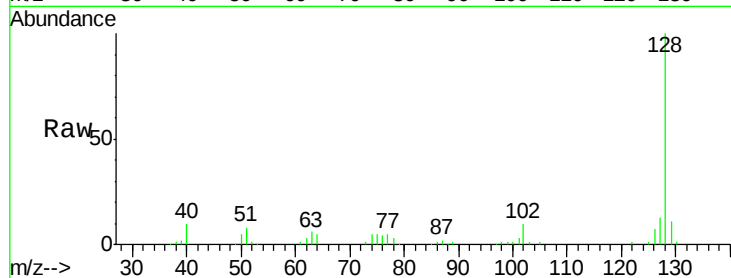
Tot Ion:128 Resp: 220070

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

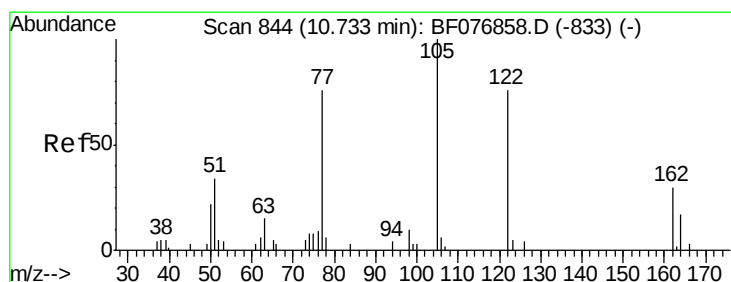
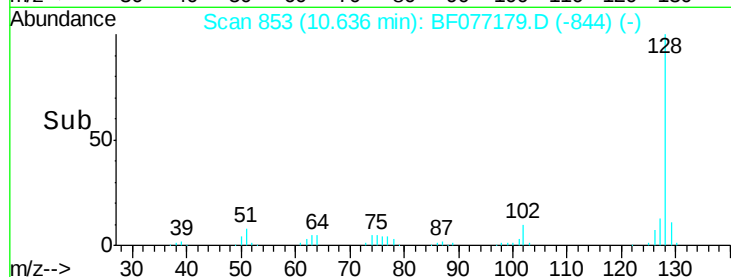
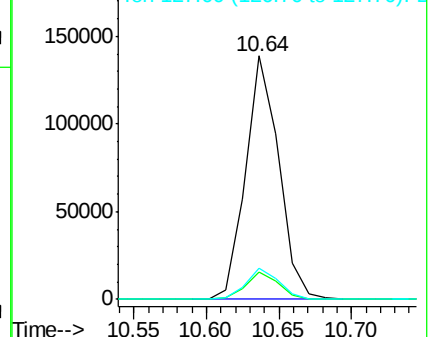
127 13.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.10 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

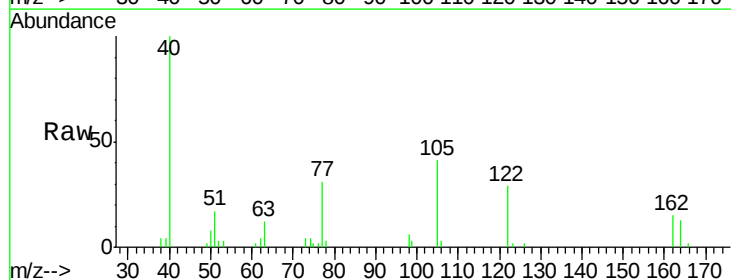
Tgt Ion:122 Resp: 15387

Ion Ratio Lower Upper

122 100

105 140.0 111.3 151.3

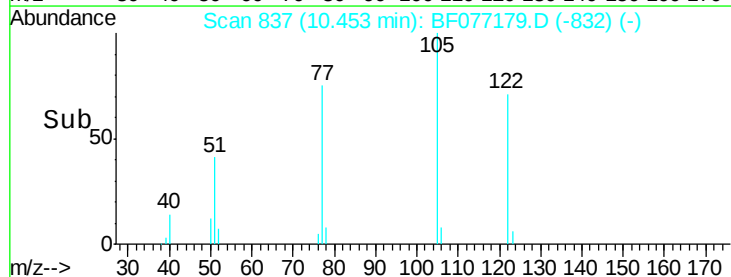
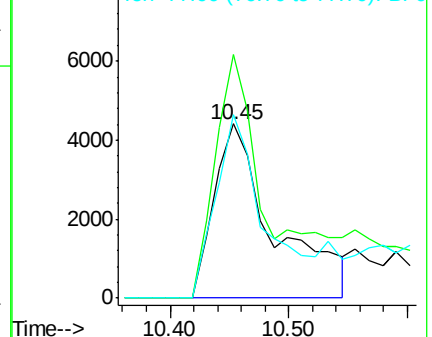
77 105.7 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

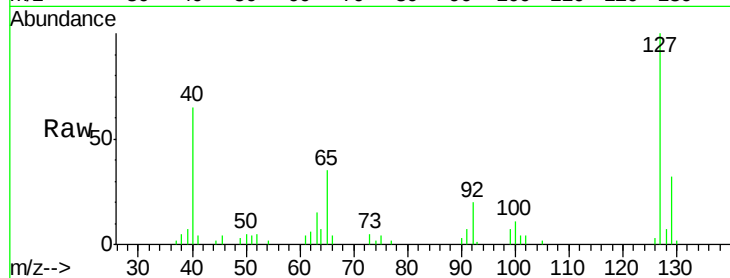




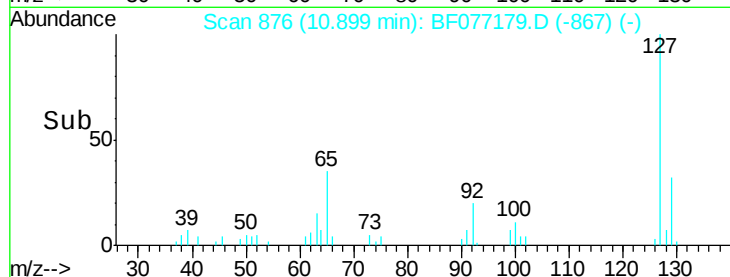
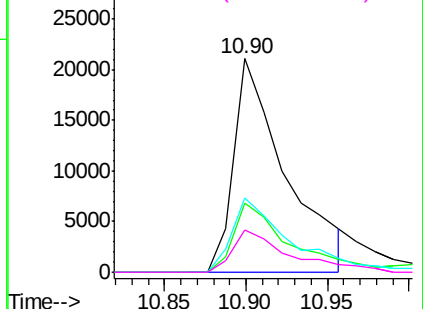
#33
4-Chloroaniline
Concen: 19.58 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:	127	Resp:	46543
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	34.6	27.8	41.6
92	19.6	16.5	24.7

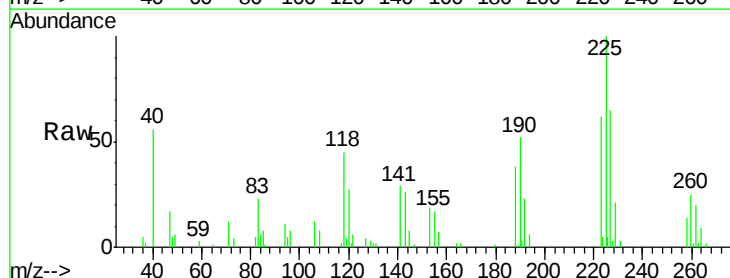


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

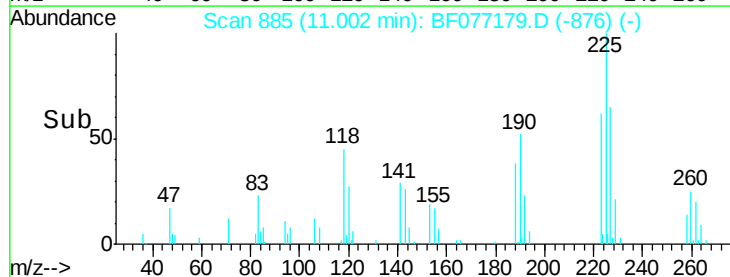
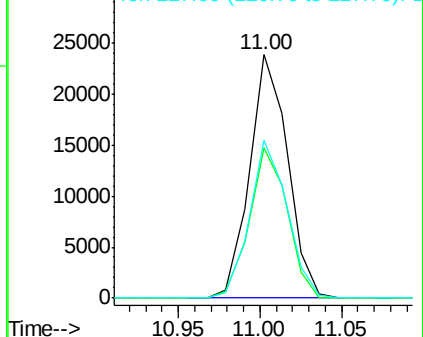


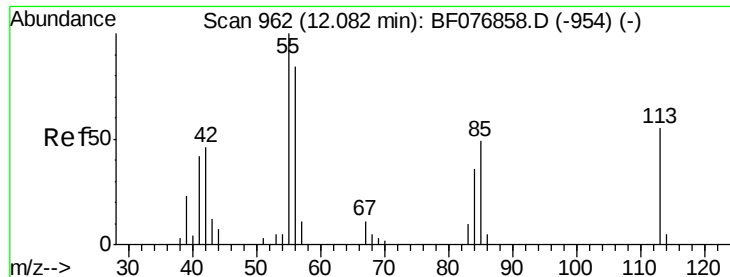
#34
Hexachlorobutadiene
Concen: 38.65 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:	225	Resp:	38567
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.1	73.7
227	64.6	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: 24.16 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.06 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

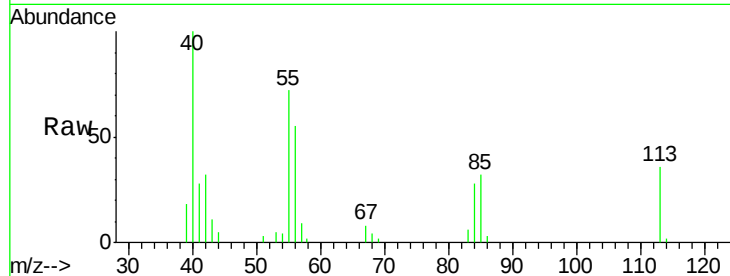
Tot Ion:113 Resp: 10770

Ion Ratio Lower Upper

113 100

55 200.7 162.1 202.1

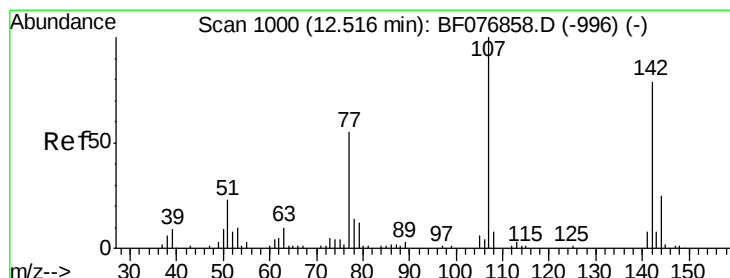
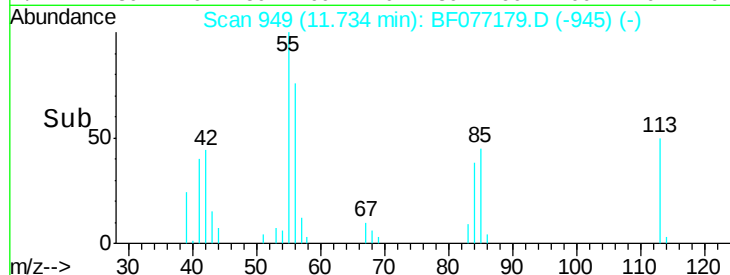
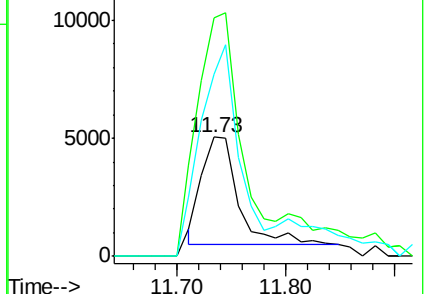
56 152.9 133.7 173.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.55 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

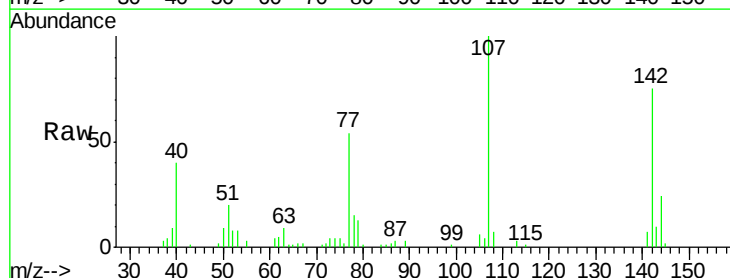
Tgt Ion:107 Resp: 65101

Ion Ratio Lower Upper

107 100

144 24.0 20.0 30.0

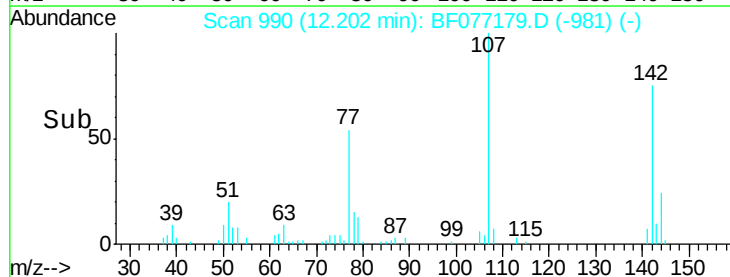
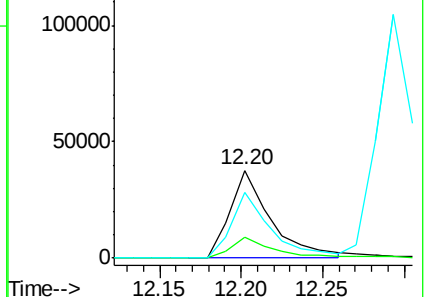
142 74.6 63.5 95.3

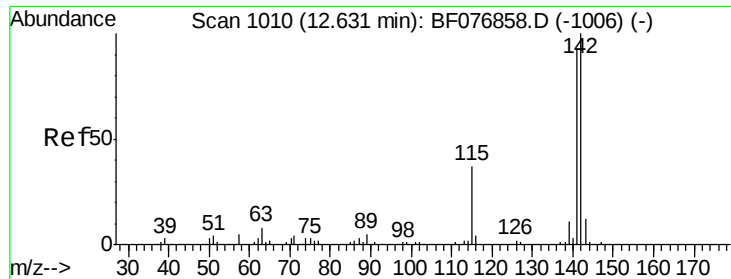


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

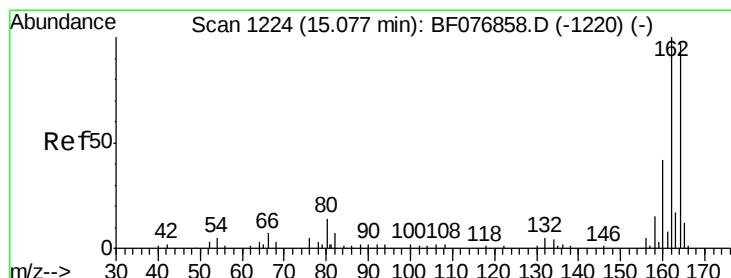
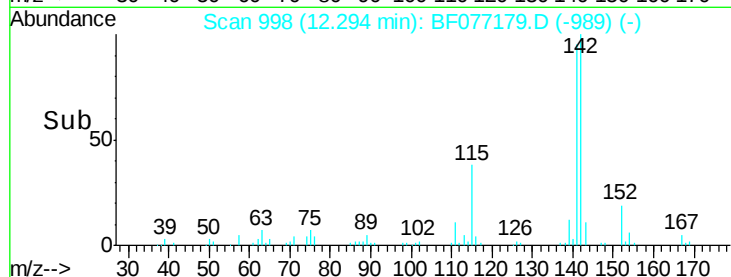
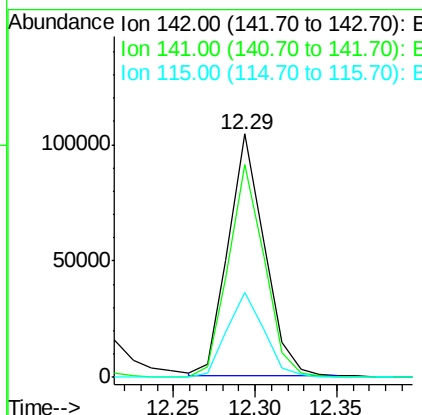
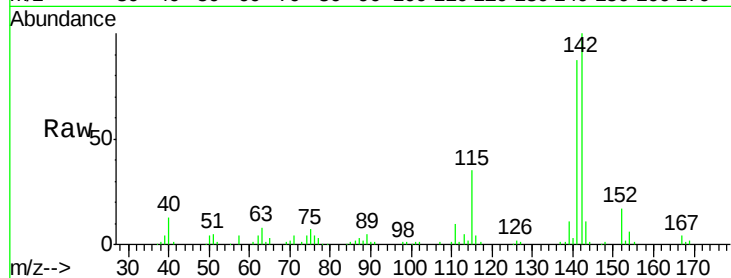




#37
2-Methylnaphthalene
Concen: 39.80 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

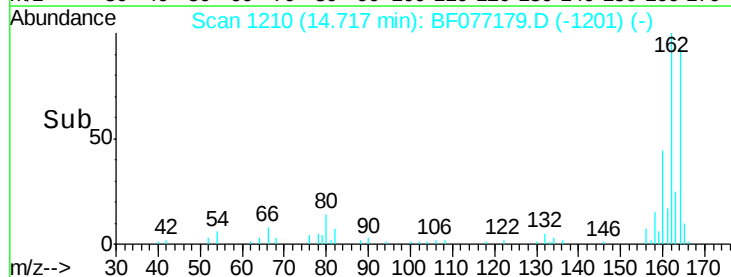
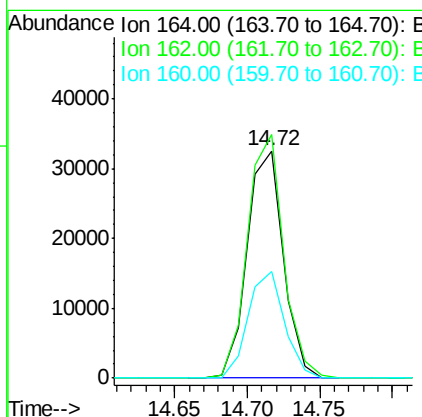
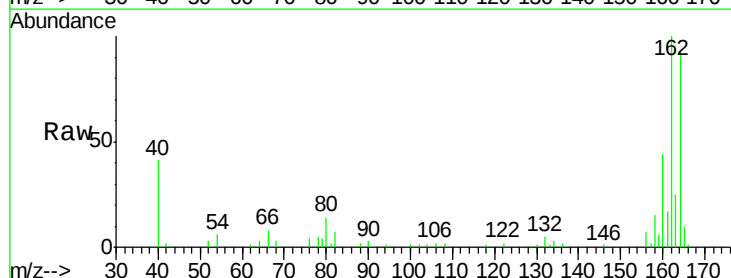
Instrument :
BNA_F
ClientSampleId :
PB81600BS

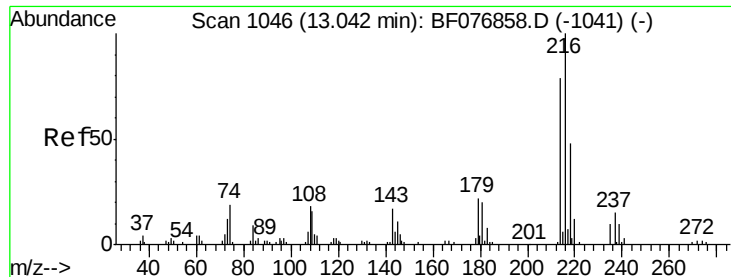
Tot Ion:142 Resp: 159873
Ion Ratio Lower Upper
142 100
141 87.3 74.5 111.7
115 35.0 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:164 Resp: 56291
Ion Ratio Lower Upper
164 100
162 107.2 82.4 123.6
160 47.1 34.8 52.2

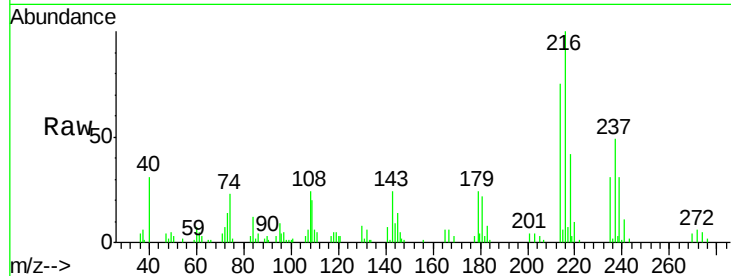




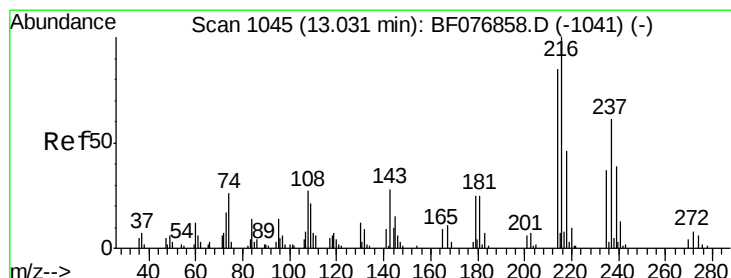
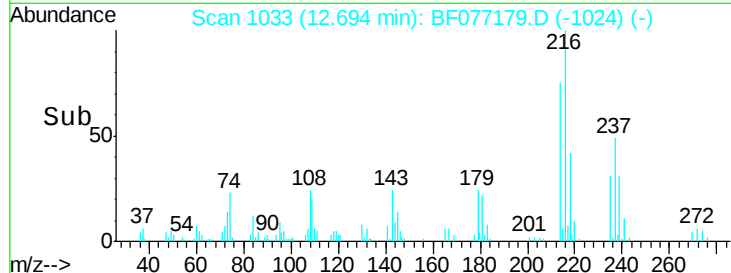
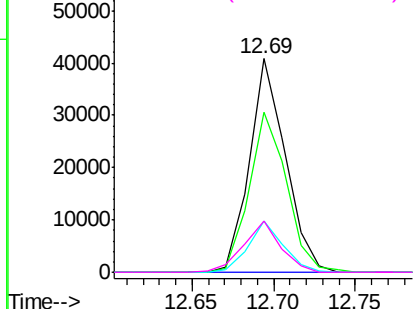
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.95 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion:216 Resp: 62554
 Ion Ratio Lower Upper
 216 100
 214 77.7 64.9 97.3
 179 23.9 18.6 28.0
 108 24.9 18.1 27.1

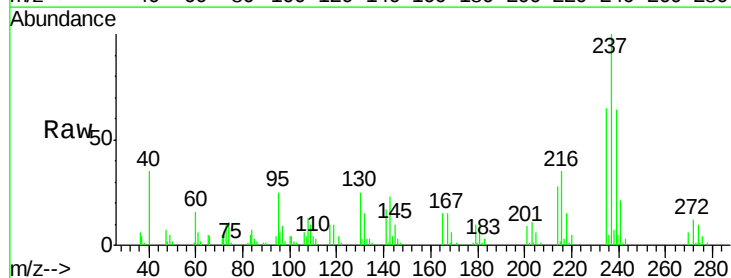


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

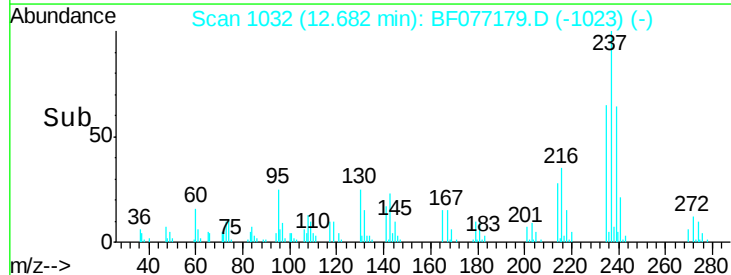
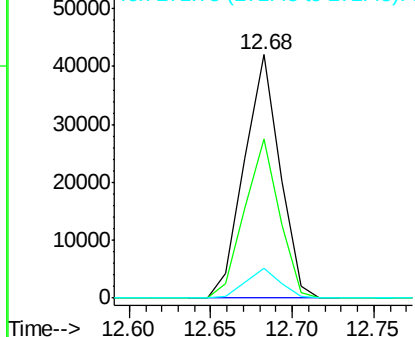


#40
 Hexachlorocyclopentadiene
 Concen: 84.59 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:237 Resp: 63581
 Ion Ratio Lower Upper
 237 100
 235 65.5 40.4 80.4
 272 12.1 0.0 33.2



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

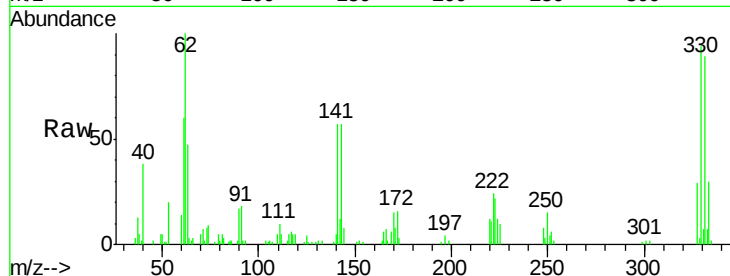




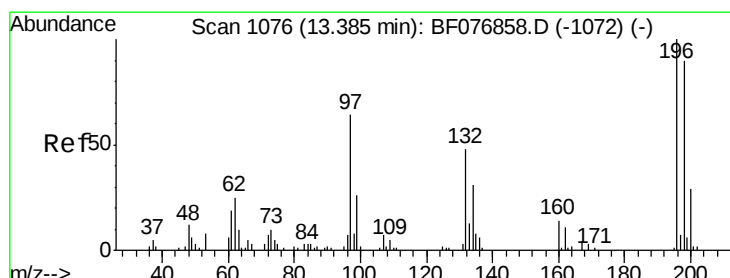
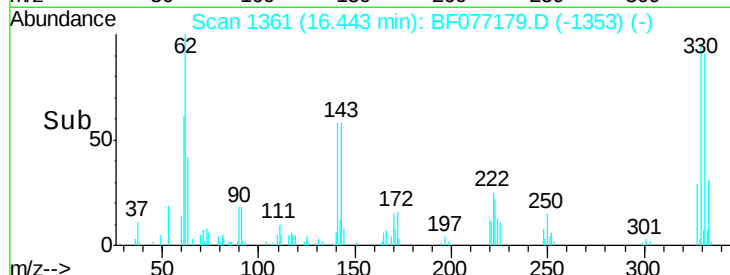
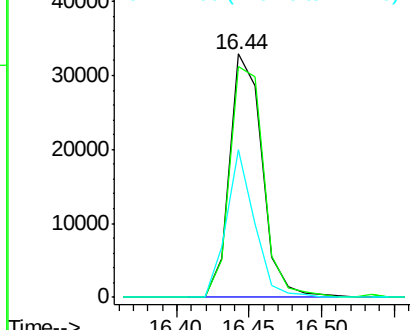
#41
 2,4,6-Tribromophenol
 Concen: 112.30 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion:330 Resp: 51315
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.8 116.6
 141 52.2 38.5 57.7

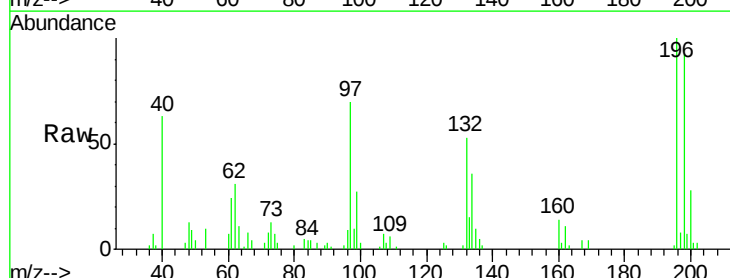


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

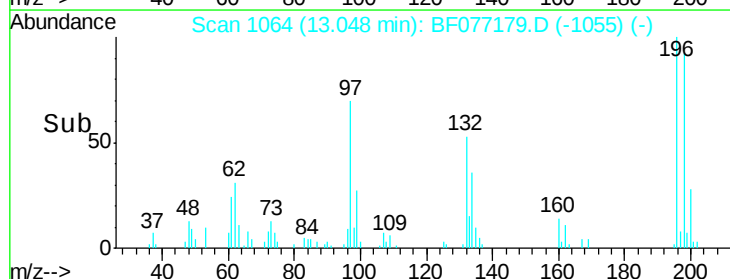
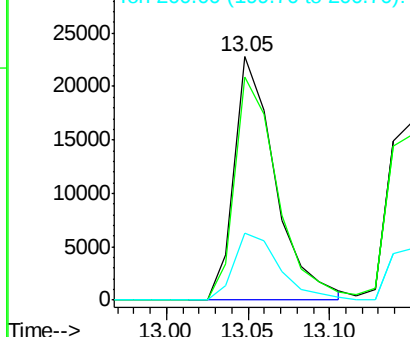


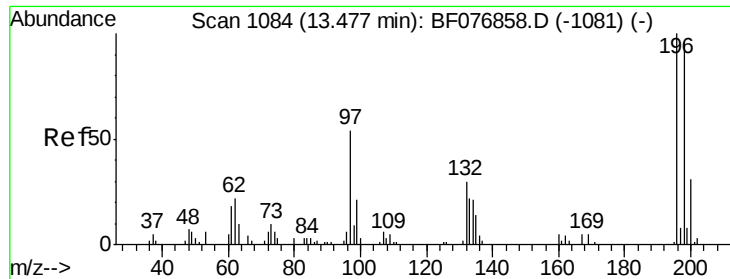
#42
 2,4,6-Trichlorophenol
 Concen: 39.27 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:196 Resp: 39825
 Ion Ratio Lower Upper
 196 100
 198 91.7 72.0 108.0
 200 27.6 23.4 35.2



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

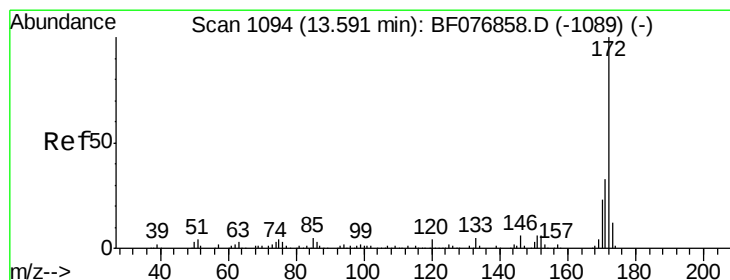
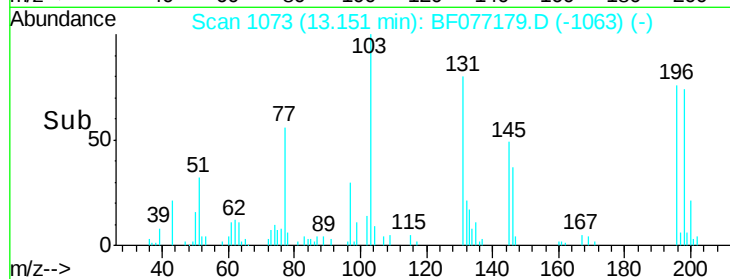
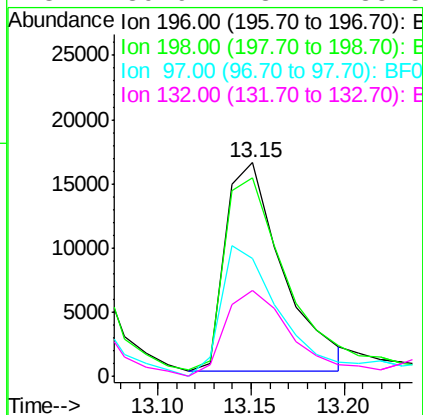
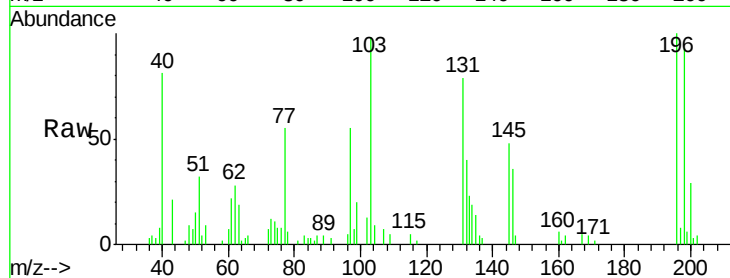




#43
 2,4,5-Trichlorophenol
 Concen: 34.03 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

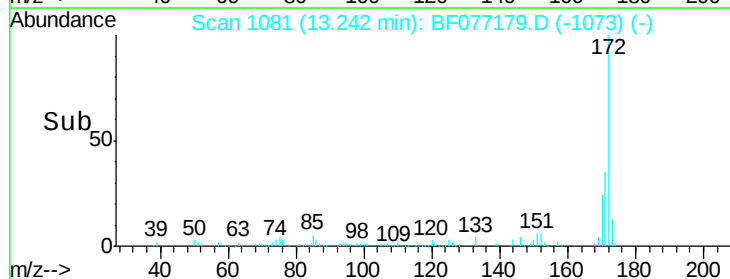
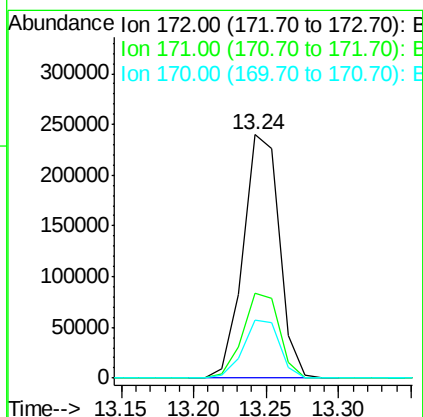
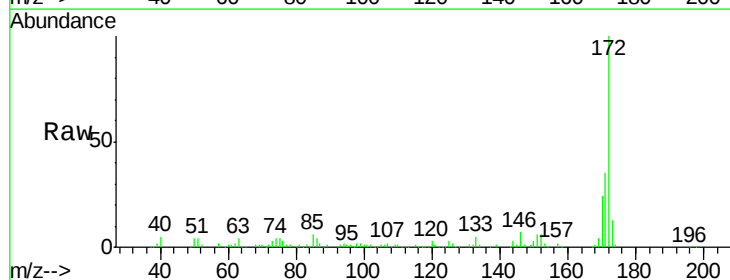
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

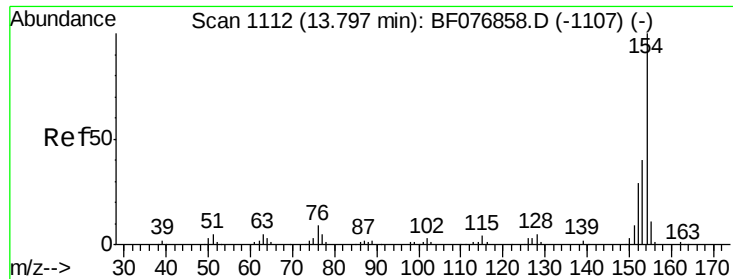
Tot Ion:196 Resp: 35197
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.6 115.0
 97 55.1 43.4 65.0
 132 39.9 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 112.02 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:172 Resp: 414350
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.6 40.0
 170 24.0 18.0 27.0

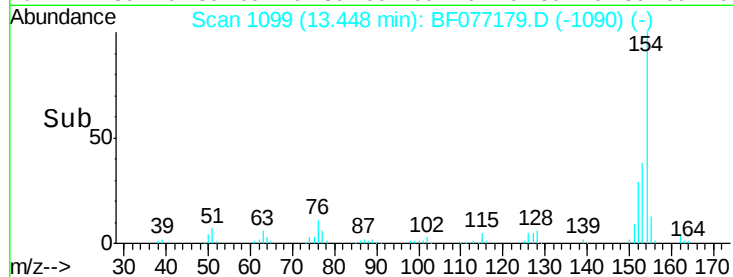
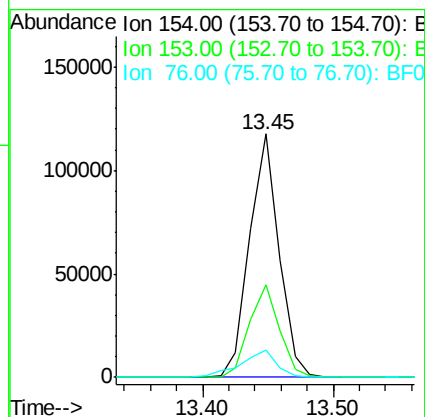
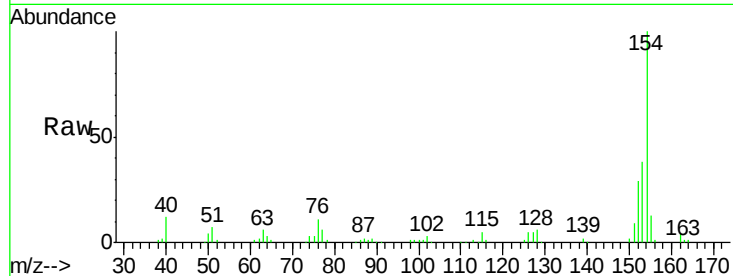




#45
 1,1'-Biphenyl
 Concen: 44.53 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

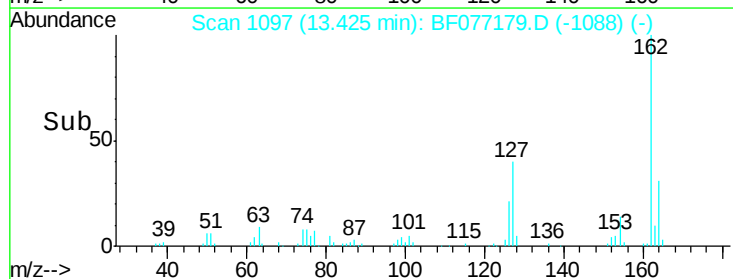
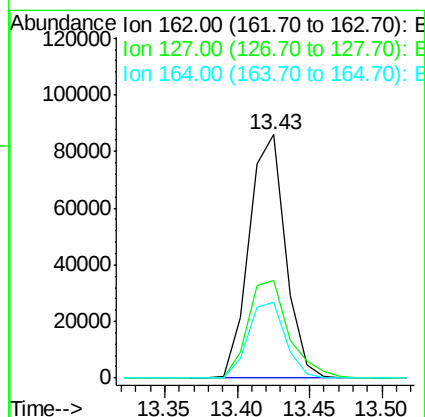
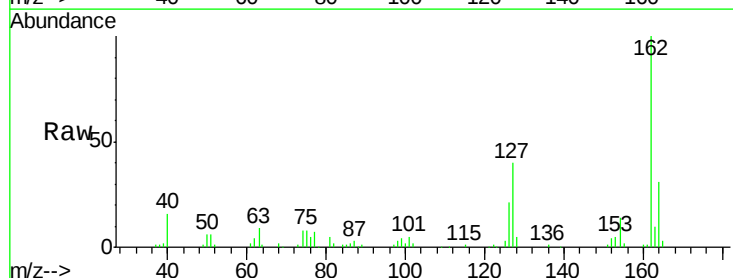
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion:154 Resp: 185811
 Ion Ratio Lower Upper
 154 100
 153 38.1 20.2 60.2
 76 11.0 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 43.49 ng
 RT: 13.43 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:162 Resp: 149351
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.8 50.6
 164 31.4 26.8 40.2

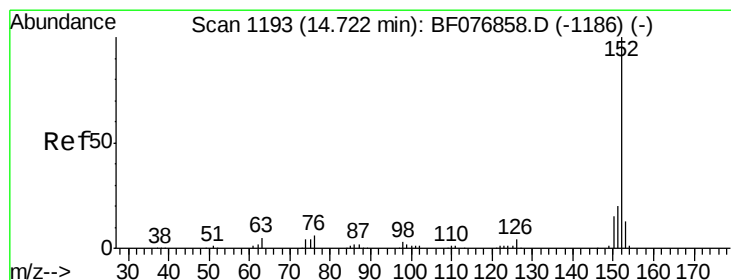
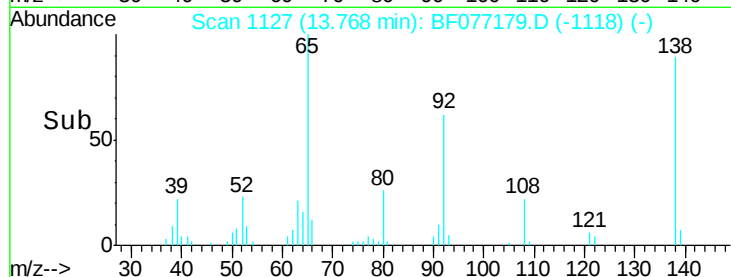
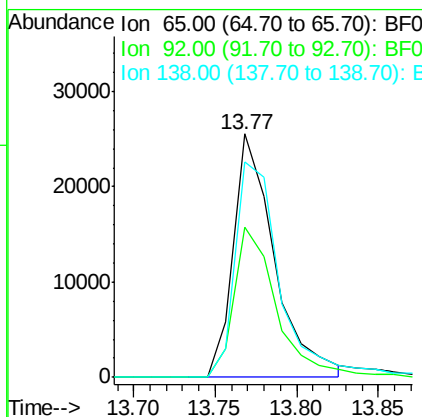
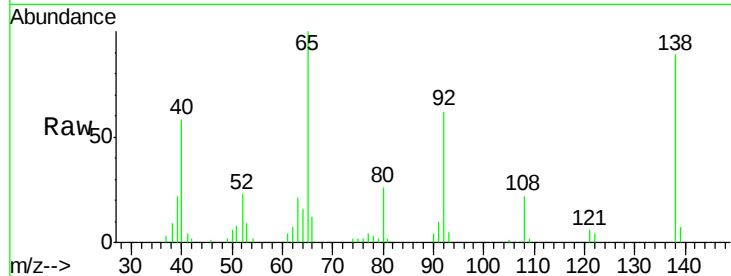




#47
2-Nitroaniline
Concen: 42.87 ng
RT: 13.77 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

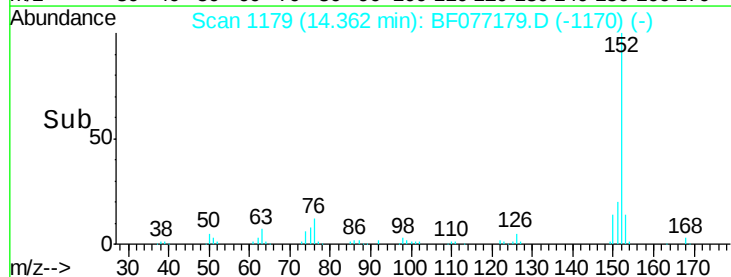
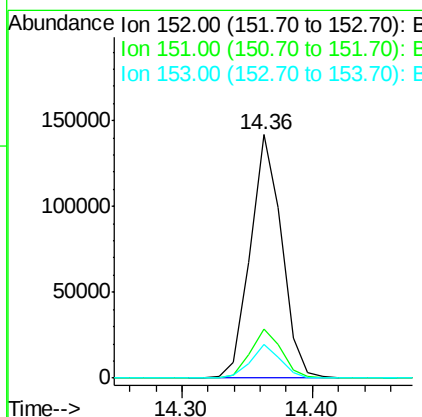
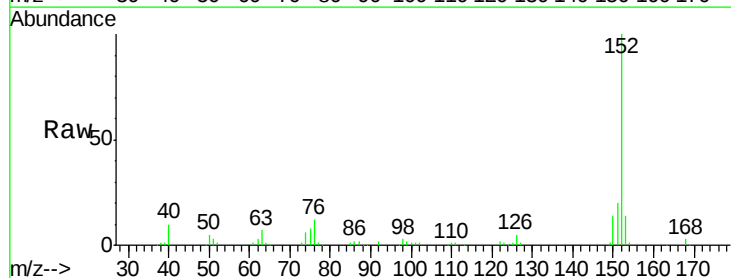
Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion: 65 Resp: 44657
Ion Ratio Lower Upper
65 100
92 61.7 47.3 70.9
138 88.7 71.4 107.2



#48
Acenaphthylene
Concen: 40.99 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion: 152 Resp: 237410
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.6 10.2 15.4

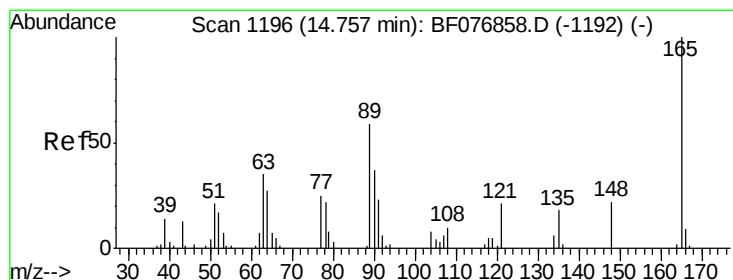
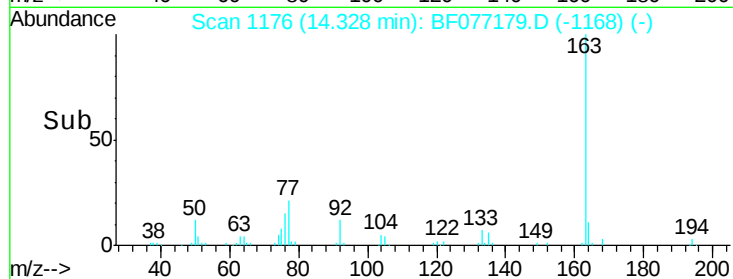
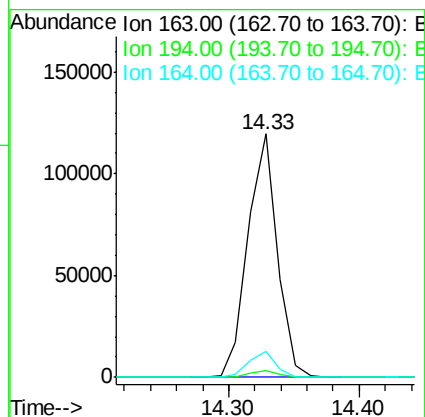
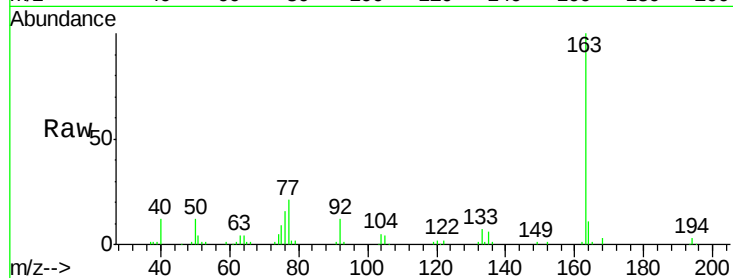




#49
Dimethylphthalate
Concen: 46.95 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

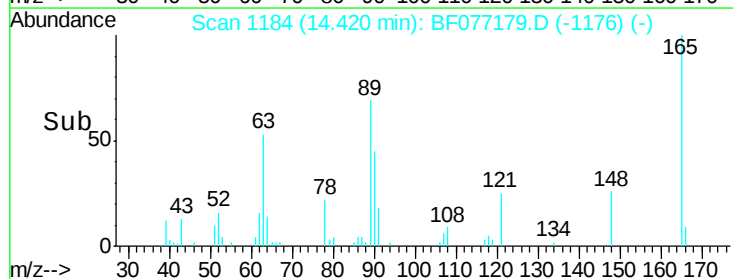
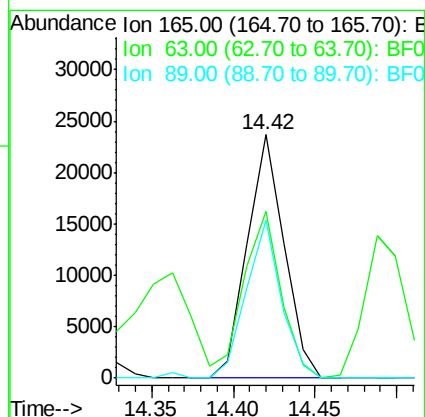
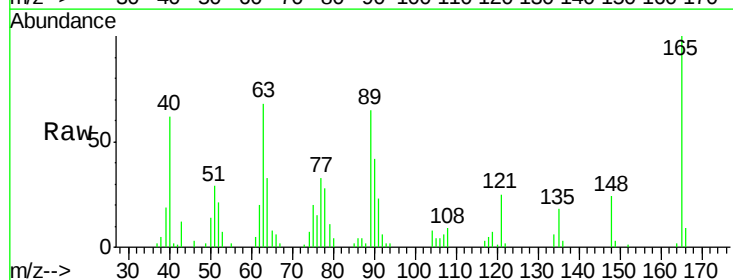
Instrument :
BNA_F
ClientSampleId :
PB81600BS

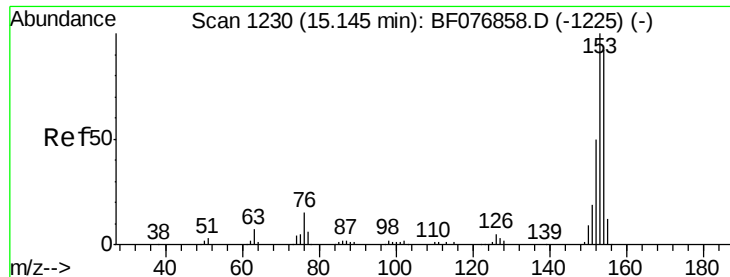
Tot Ion:163 Resp: 187414
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.6 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 46.64 ng
RT: 14.42 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:165 Resp: 37203
Ion Ratio Lower Upper
165 100
63 68.3 48.1 72.1
89 64.6 47.2 70.8





#51

Acenaphthene

Concen: 40.83 ng

RT: 14.79 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

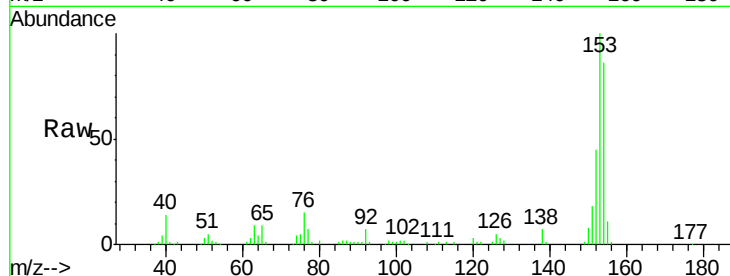
Tot Ion:154 Resp: 134189

Ion Ratio Lower Upper

154 100

153 115.6 87.0 130.6

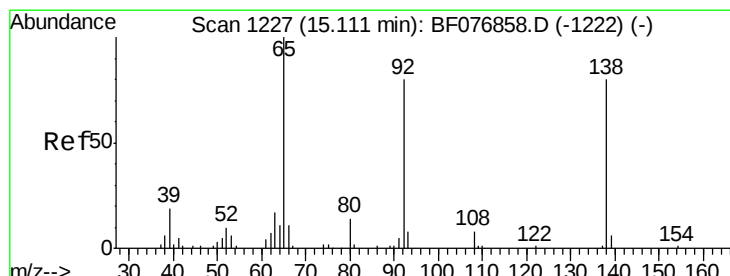
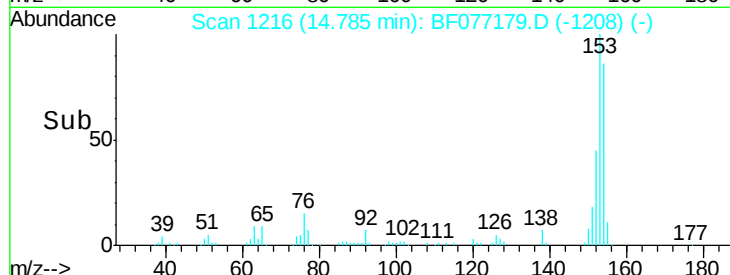
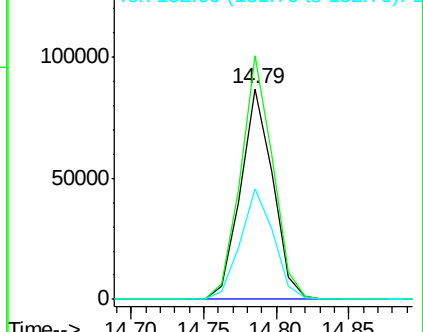
152 52.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.53 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

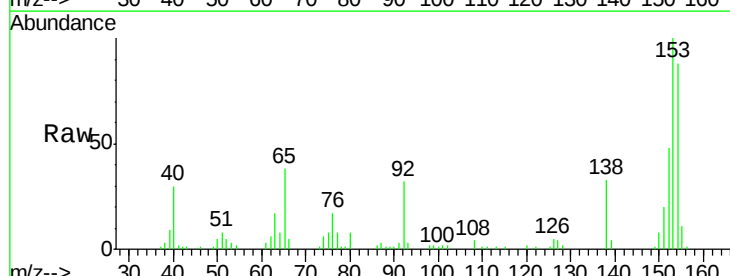
Tgt Ion:138 Resp: 28919

Ion Ratio Lower Upper

138 100

108 12.5 8.3 12.5#

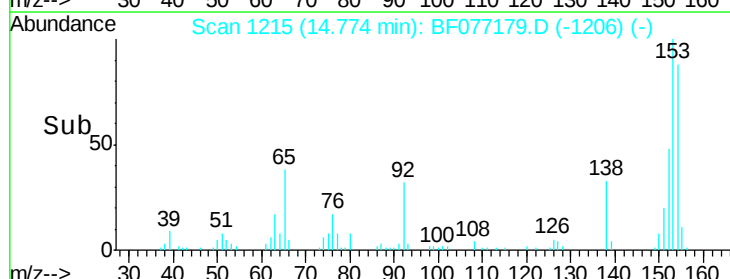
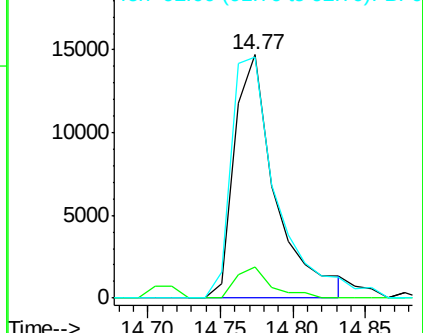
92 99.1 80.9 121.3

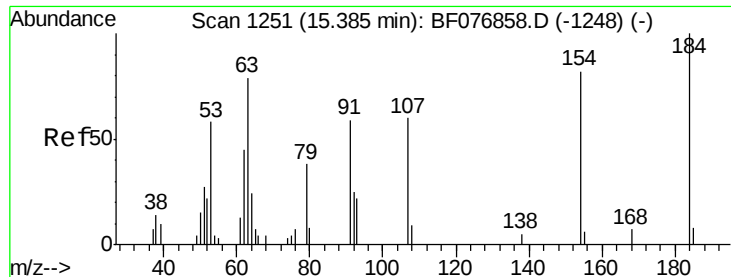


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

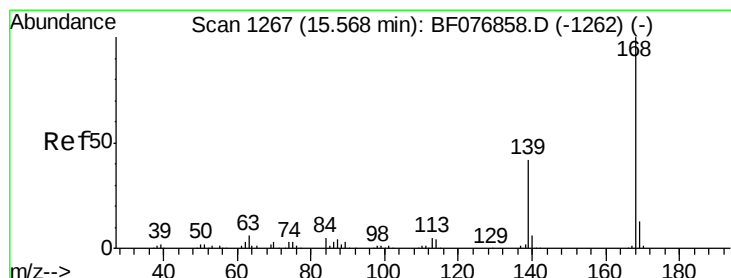
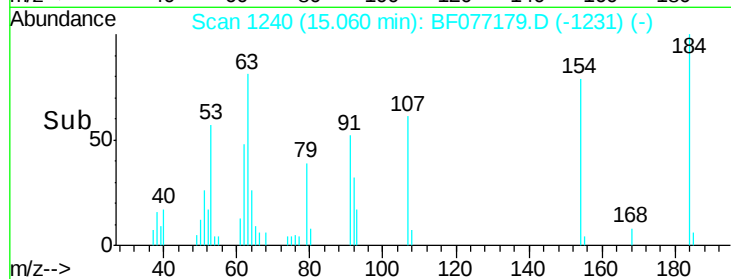
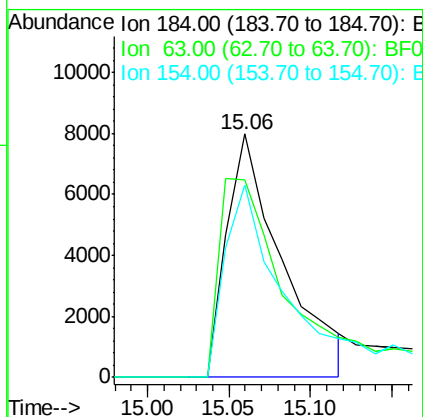
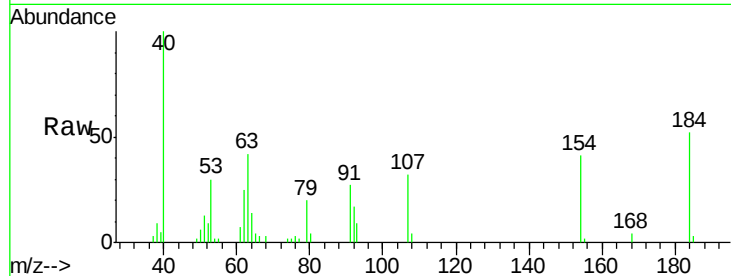




#53
 2,4-Dinitrophenol
 Concen: 54.65 ng
 RT: 15.06 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

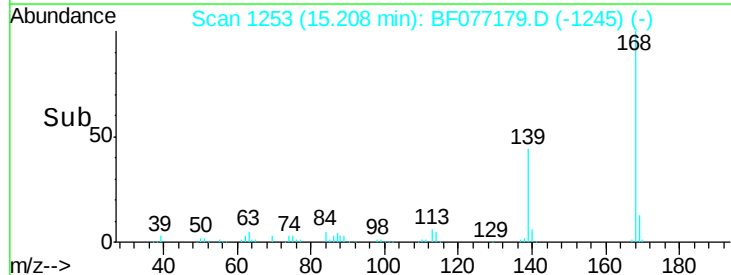
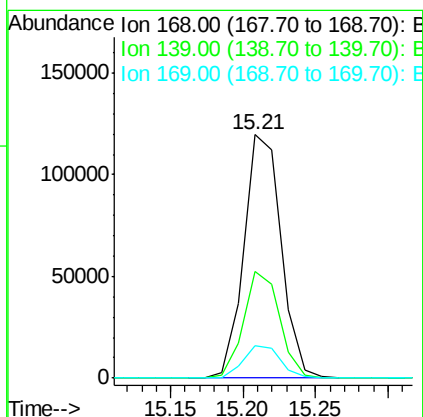
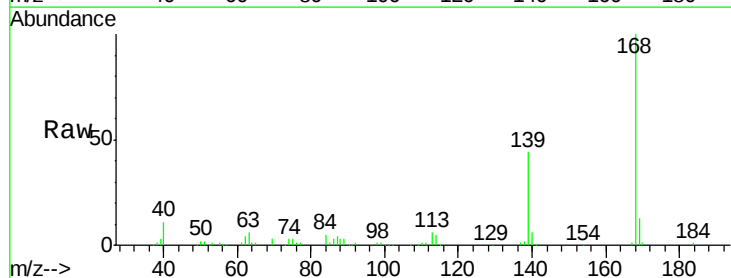
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion:184 Resp: 18821
 Ion Ratio Lower Upper
 184 100
 63 81.0 63.0 94.6
 154 79.0 65.5 98.3



#54
 Dibenzofuran
 Concen: 44.40 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:168 Resp: 212542
 Ion Ratio Lower Upper
 168 100
 139 44.1 33.4 50.2
 169 13.1 10.6 15.8

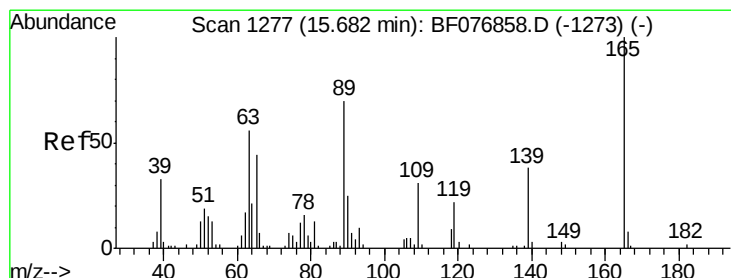
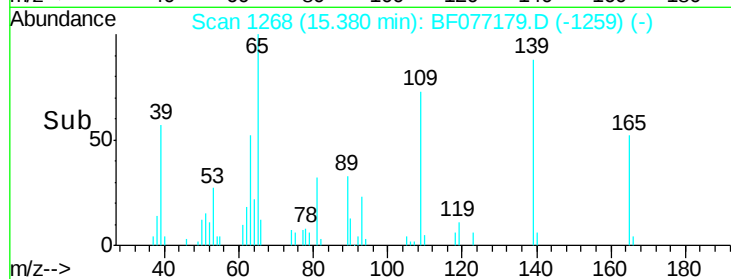
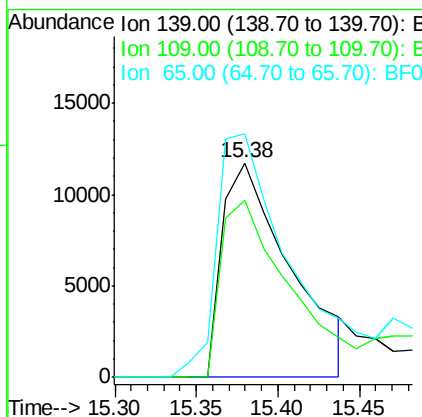
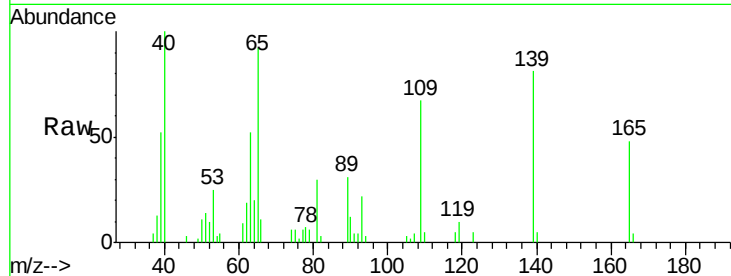




#55
4-Nitrophenol
Concen: 54.17 ng
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

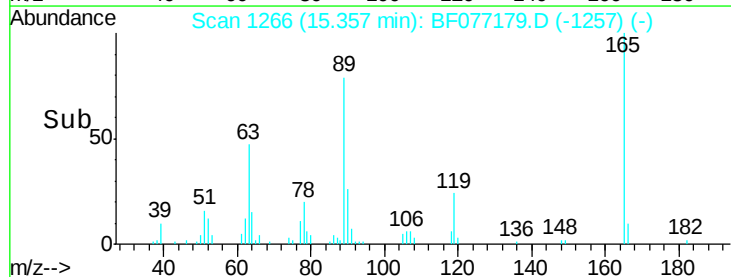
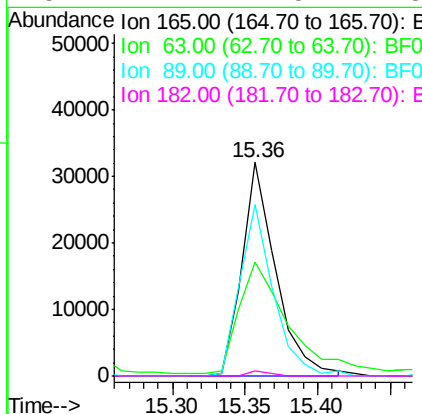
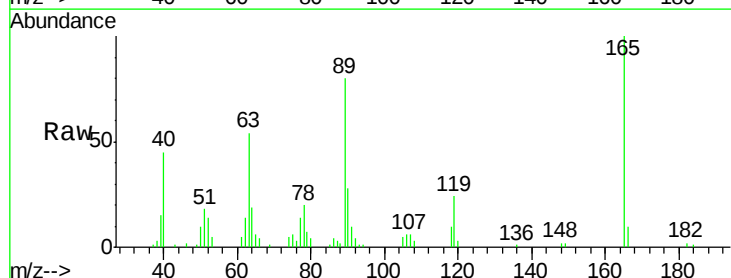
Instrument :
BNA_F
ClientSampleId :
PB81600BS

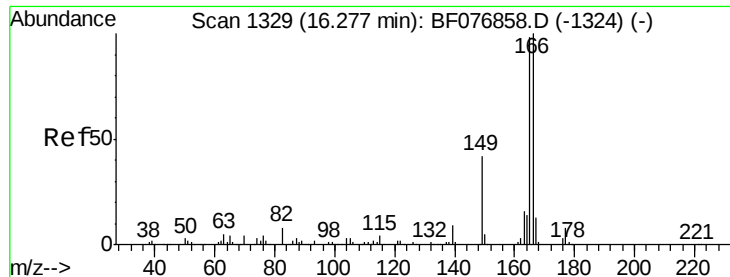
Tot Ion:139 Resp: 33897
Ion Ratio Lower Upper
139 100
109 82.7 61.0 101.0
65 113.4 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 43.61 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:165 Resp: 51901
Ion Ratio Lower Upper
165 100
63 53.6 44.8 67.2
89 80.4 56.2 84.2
182 2.4 1.5 2.3#





#57

Fluorene

Concen: 44.35 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

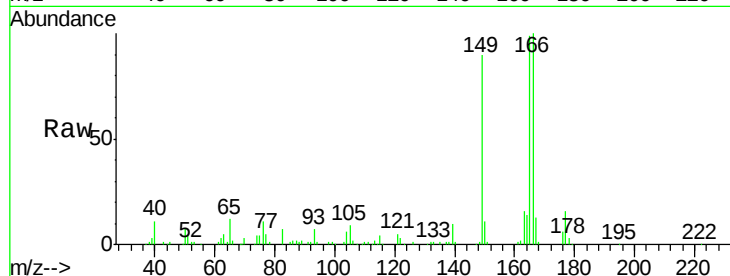
Tot Ion:166 Resp: 179891

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

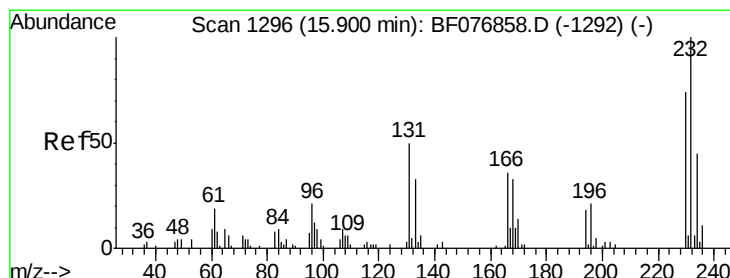
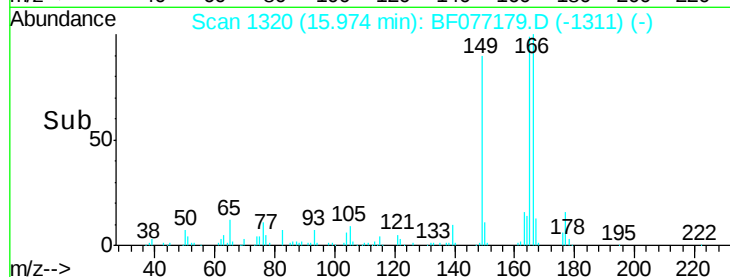
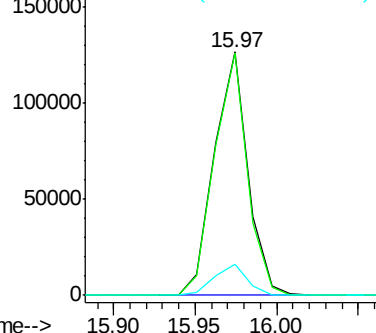
167 12.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.21 ng

RT: 15.57 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Tgt Ion:232 Resp: 28023

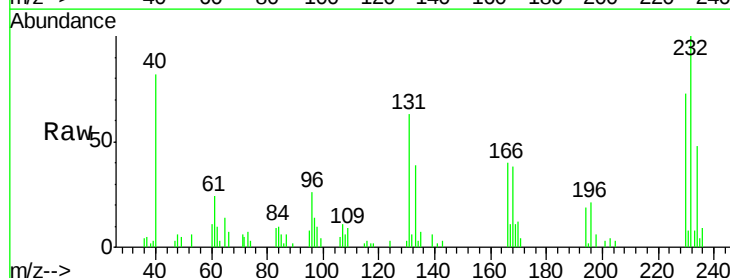
Ion Ratio Lower Upper

232 100

131 58.2 45.0 67.6

130 3.2 2.6 3.8

166 35.6 30.9 46.3

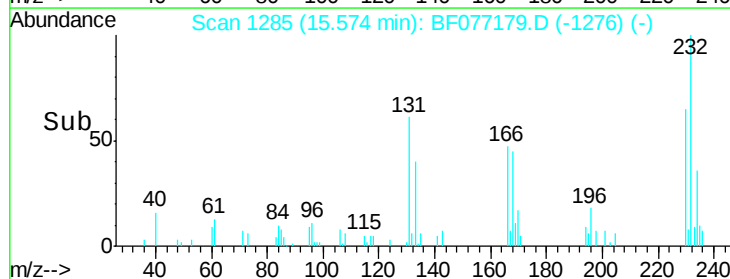
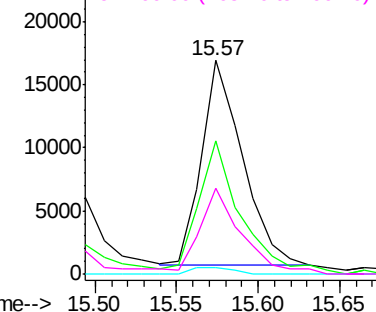


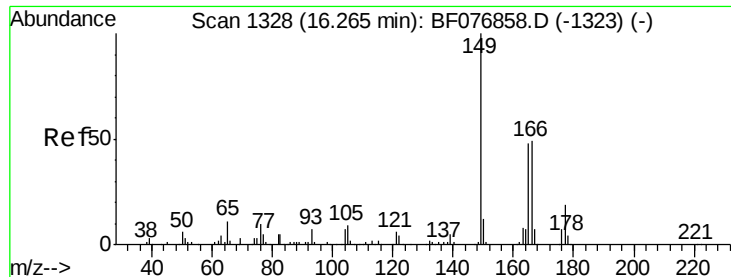
Abundance Ion 232.00 (231.70 to 232.70): E

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

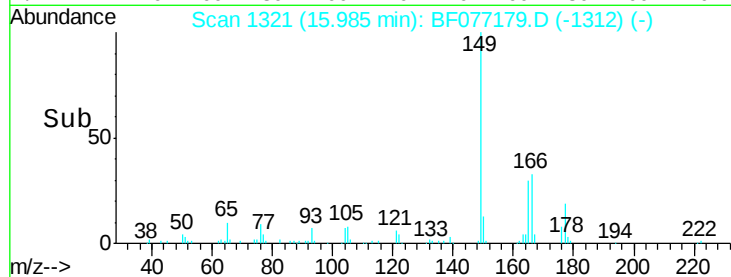
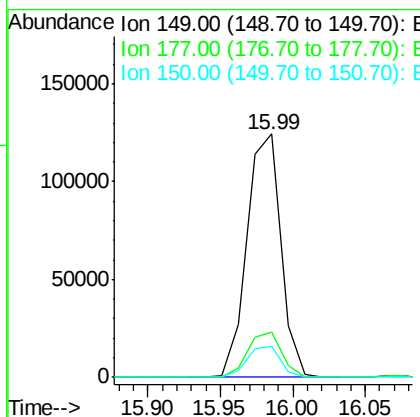
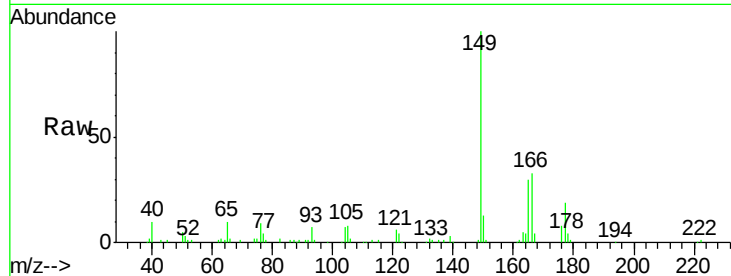




#59
Diethylphthalate
Concen: 50.13 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

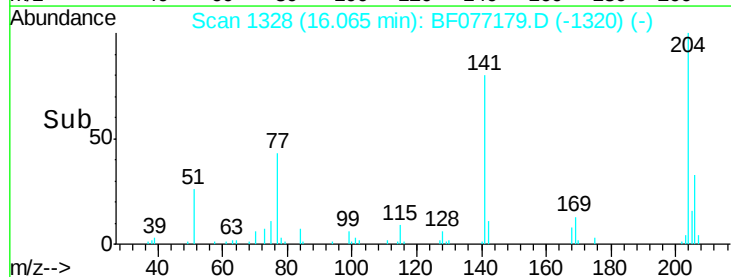
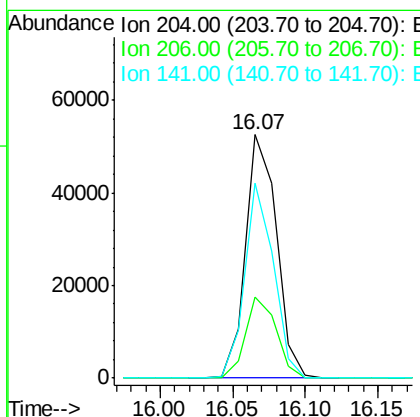
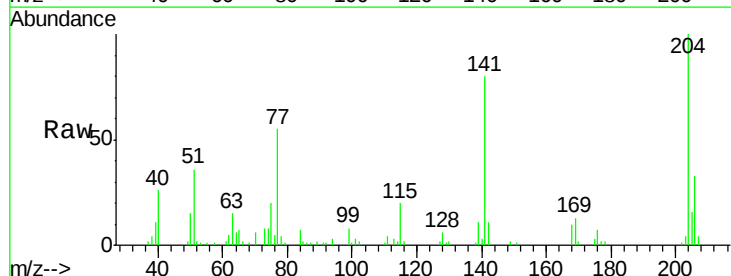
Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:149 Resp: 202246
Ion Ratio Lower Upper
149 100
177 18.7 15.0 22.6
150 12.8 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 46.84 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:204 Resp: 77728
Ion Ratio Lower Upper
204 100
206 33.1 24.2 36.2
141 80.3 66.7 100.1

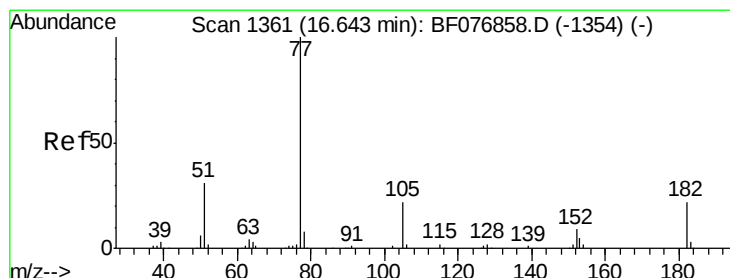
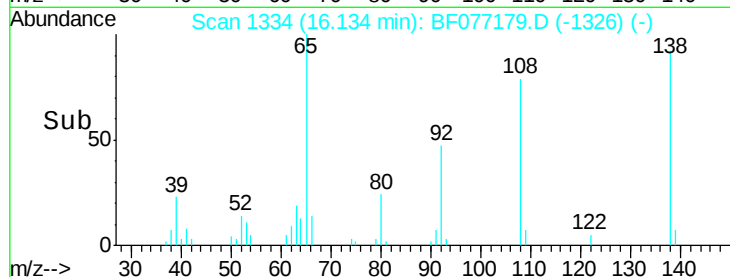
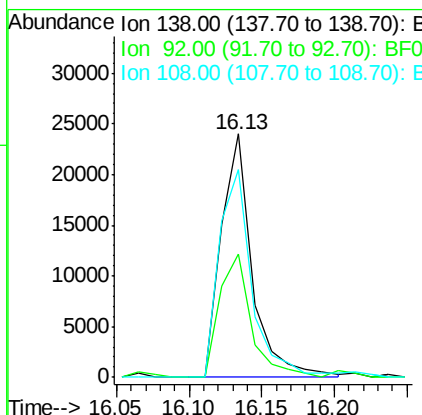
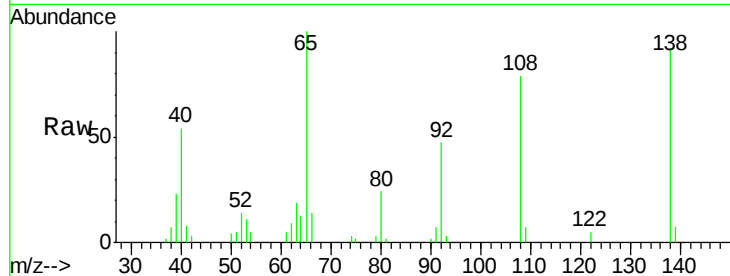




#61
4-Nitroaniline
Concen: 35.79 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

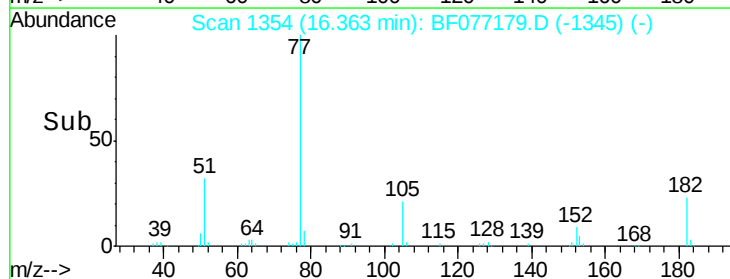
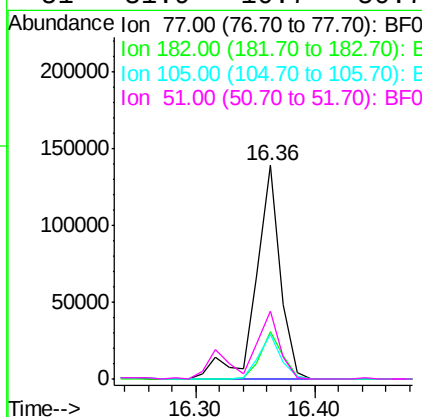
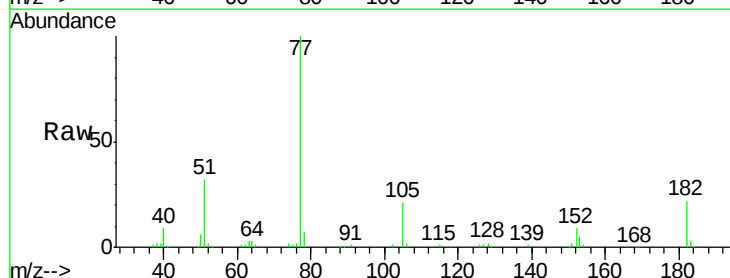
Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:138 Resp: 35604
Ion Ratio Lower Upper
138 100
92 50.9 26.7 66.7
108 85.5 64.5 104.5



#62
Azobenzene
Concen: 47.21 ng
RT: 16.36 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion: 77 Resp: 198476
Ion Ratio Lower Upper
77 100
182 22.5 2.0 42.0
105 21.2 2.3 42.3
51 31.9 10.7 50.7

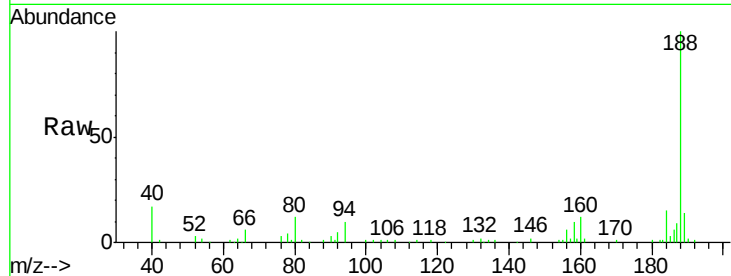




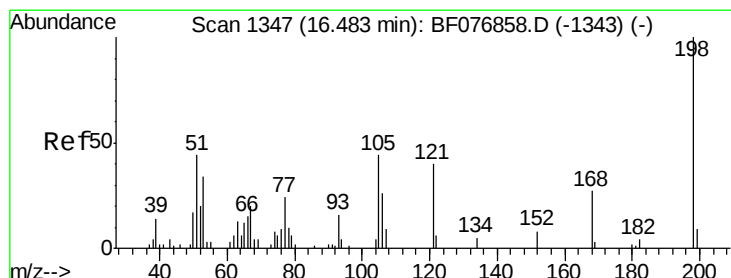
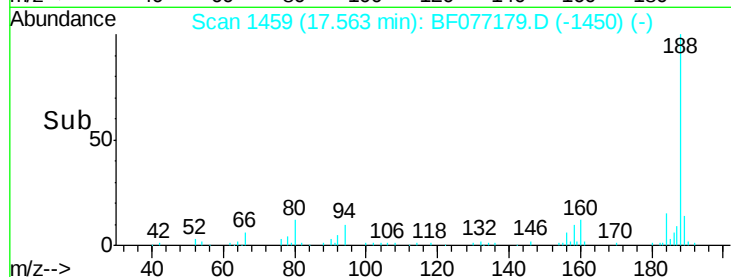
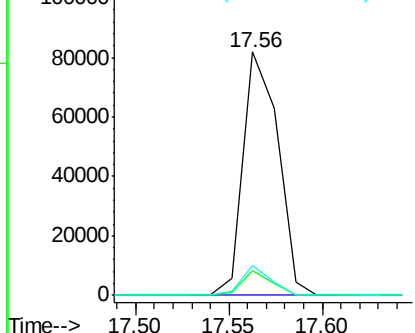
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:188 Resp: 106650
Ion Ratio Lower Upper
188 100
94 10.0 6.0 9.0#
80 12.1 6.9 10.3#

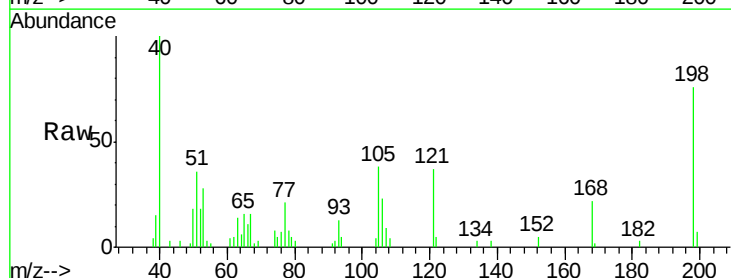


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

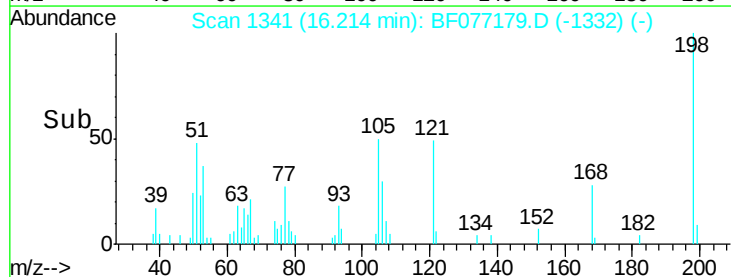
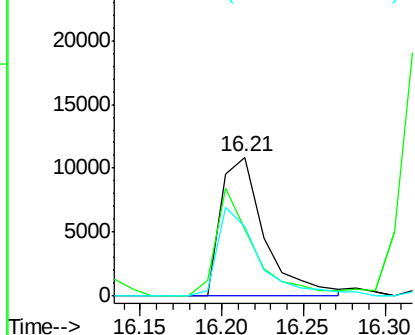


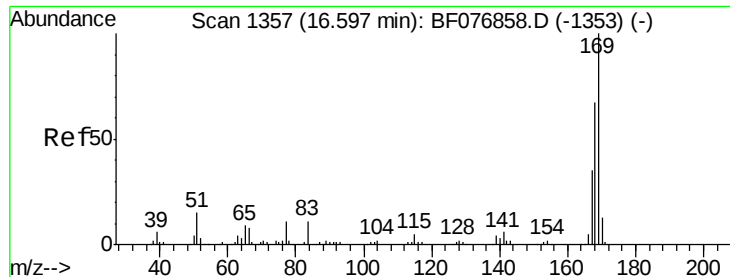
#64
4,6-Dinitro-2-methylphenol
Concen: 30.66 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:198 Resp: 20134
Ion Ratio Lower Upper
198 100
51 47.8 24.2 64.2
105 49.6 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

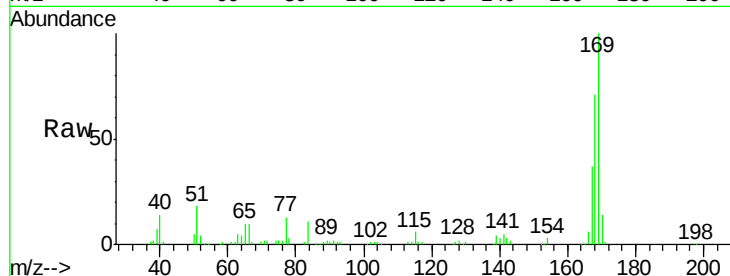




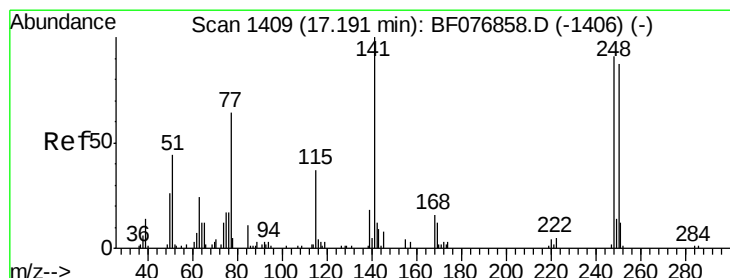
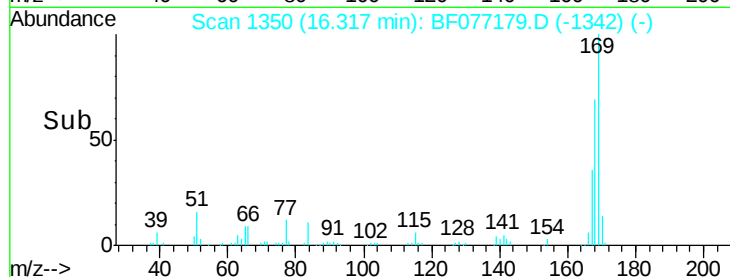
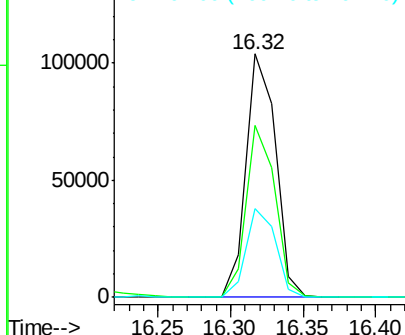
#65
n-Nitrosodiphenylamine
Concen: 38.85 ng
RT: 16.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:169 Resp: 147729
Ion Ratio Lower Upper
169 100
168 70.8 53.8 80.6
167 36.7 27.8 41.6

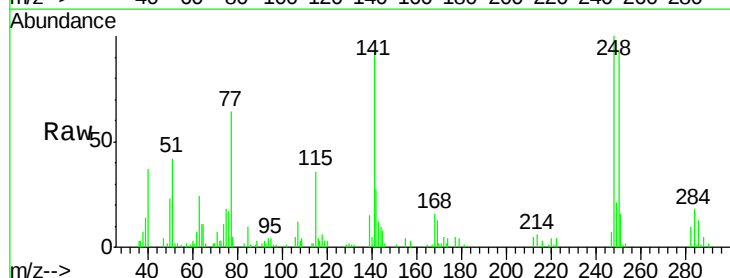


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

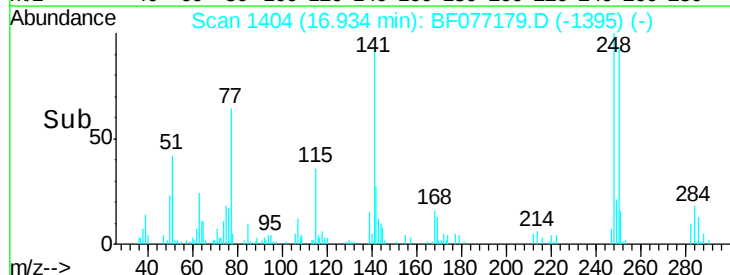
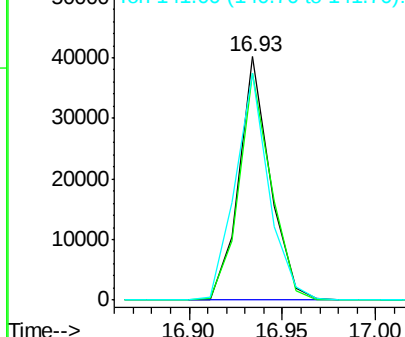


#66
4-Bromophenyl-phenylether
Concen: 43.48 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:248 Resp: 46983
Ion Ratio Lower Upper
248 100
250 93.3 77.1 115.7
141 93.2 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

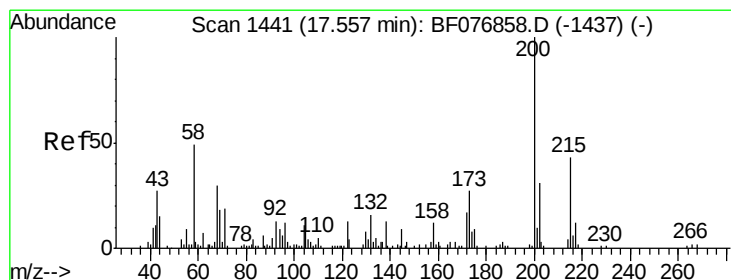
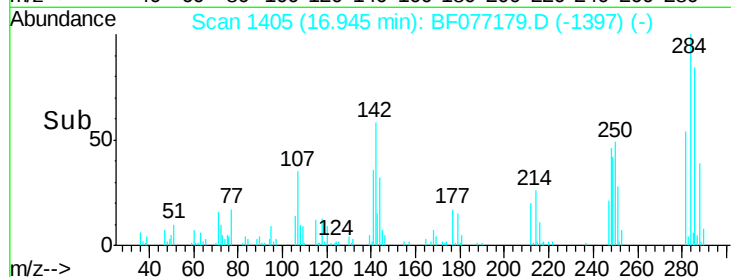
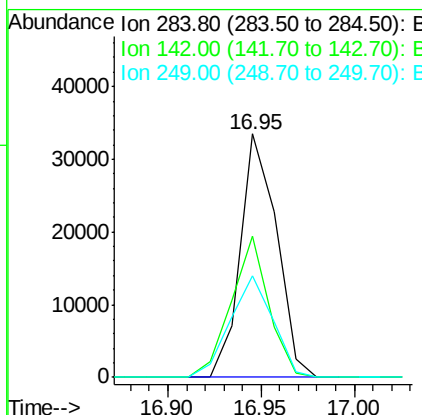
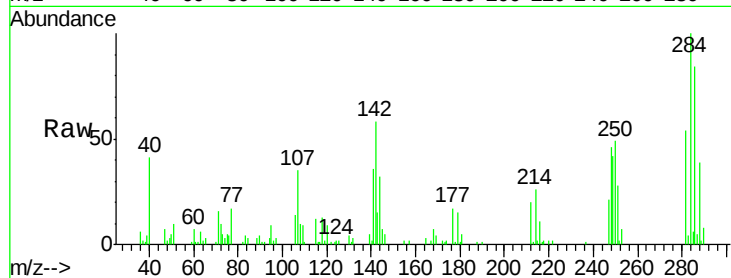




#67
Hexachlorobenzene
Concen: 39.64 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

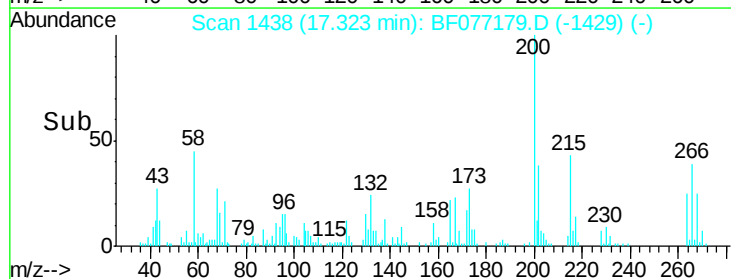
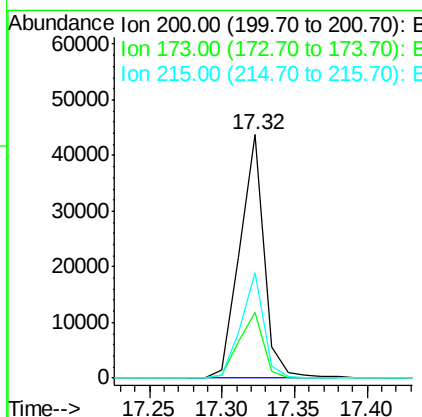
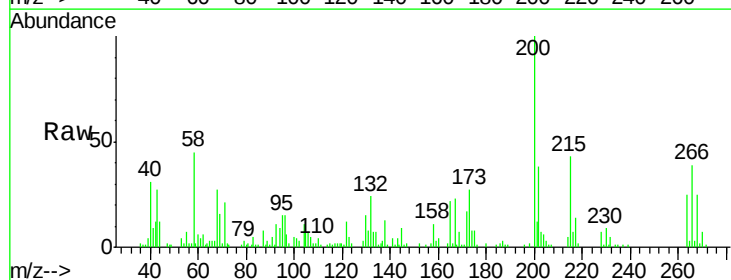
Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:284 Resp: 45138
Ion Ratio Lower Upper
284 100
142 57.8 38.2 57.4#
249 41.8 28.2 42.2



#68
Atrazine
Concen: 44.31 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:200 Resp: 51132
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 43.4 22.9 62.9

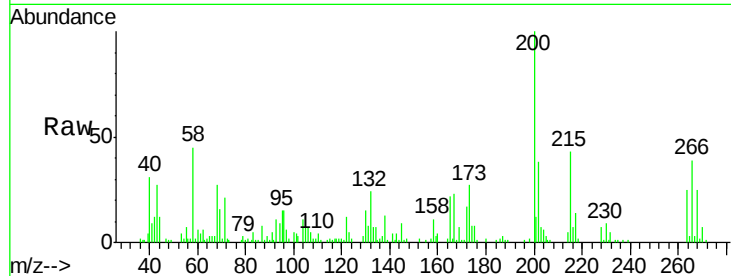




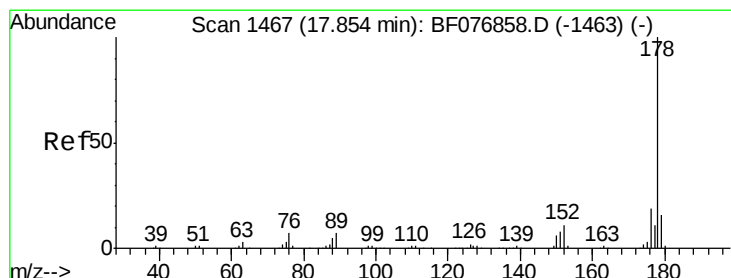
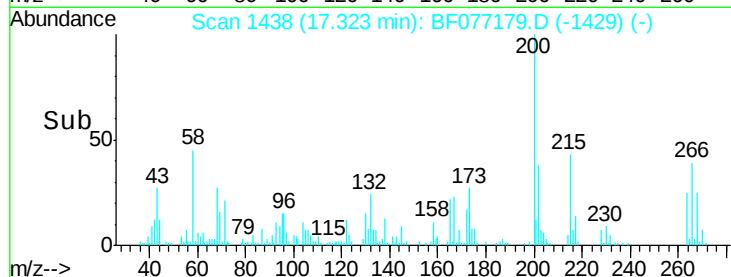
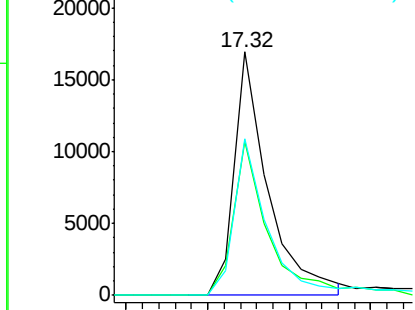
#69
 Pentachlorophenol
 Concen: 49.27 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion:266 Resp: 24217
 Ion Ratio Lower Upper
 266 100
 268 63.3 48.6 72.8
 264 64.5 49.5 74.3

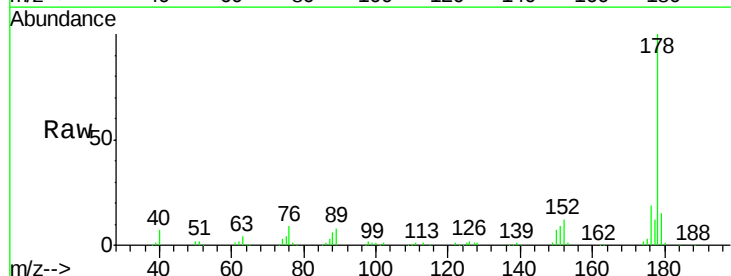


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

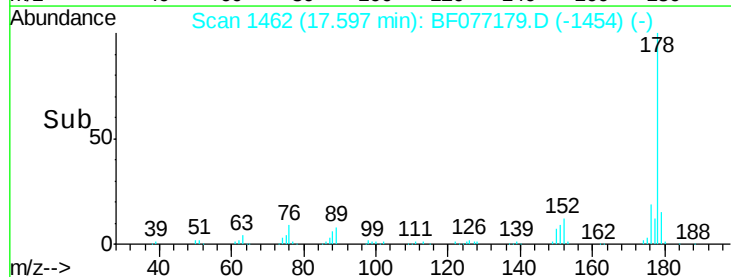
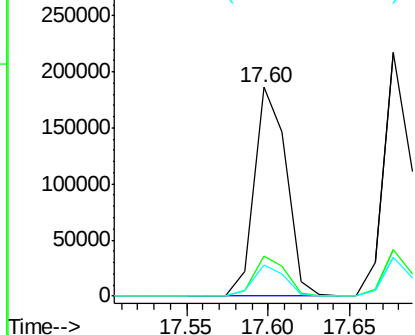


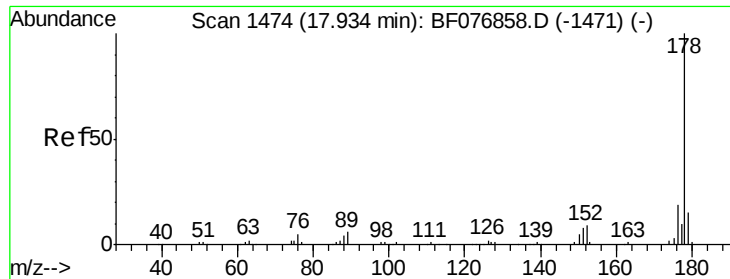
#70
 Phenanthrene
 Concen: 38.15 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:178 Resp: 253712
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 14.9 12.7 19.1



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

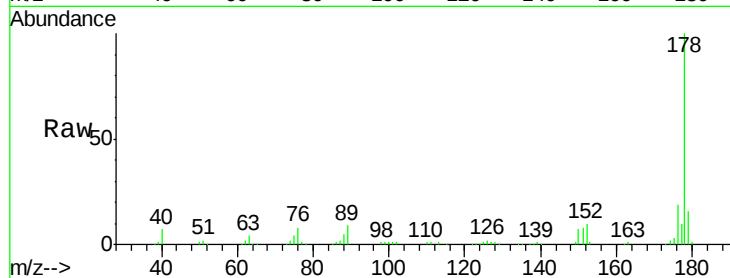




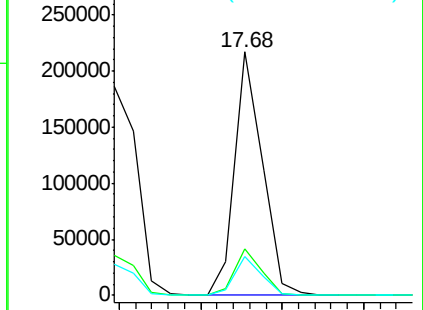
#71
 Anthracene
 Concen: 39.18 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

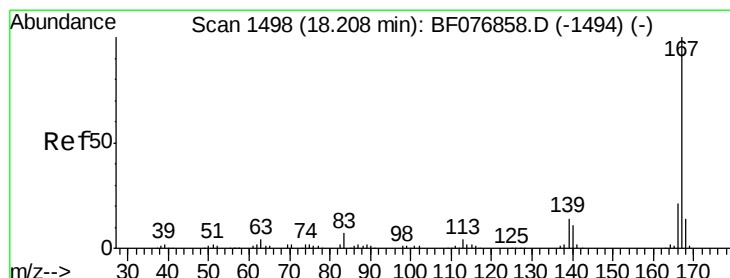
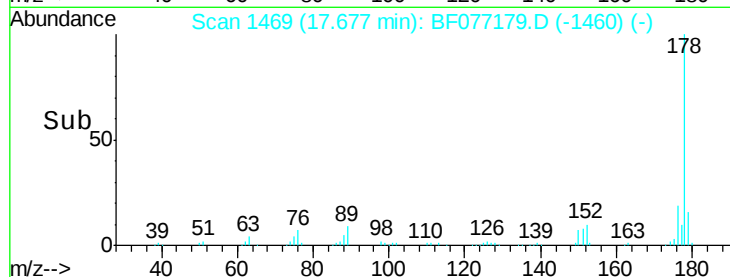
Tot Ion:178 Resp: 254112
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.9 11.9 17.9



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

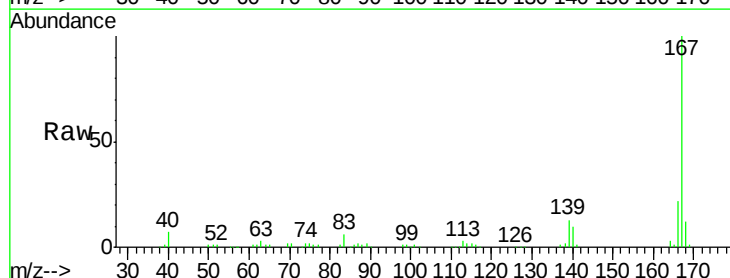


Time--> 17.60 17.65 17.70 17.75

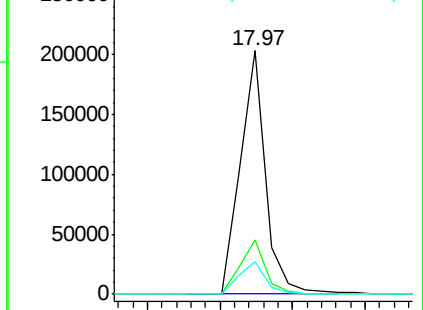


#72
 Carbazole
 Concen: 38.98 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

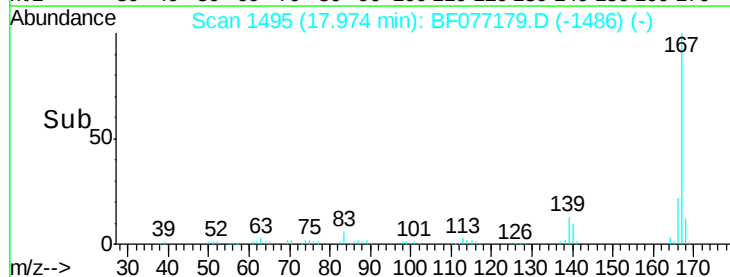
Tgt Ion:167 Resp: 245177
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.0 25.6
 139 13.3 11.3 16.9



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



Time--> 17.90 17.95 18.00 18.05

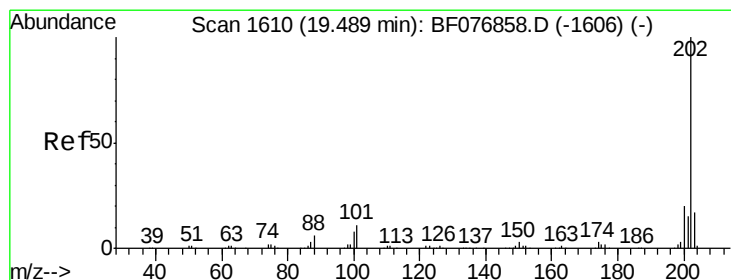
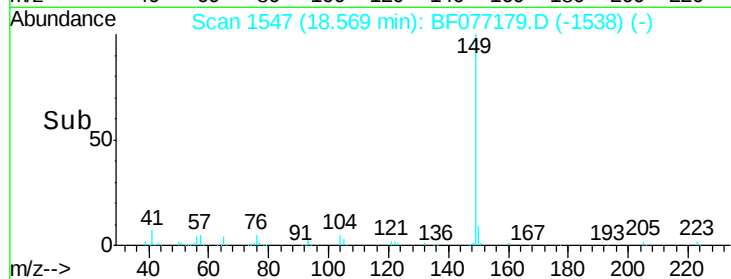
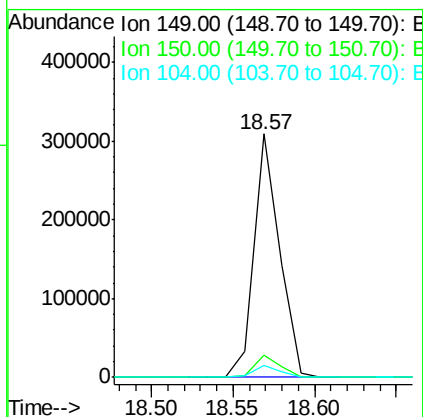
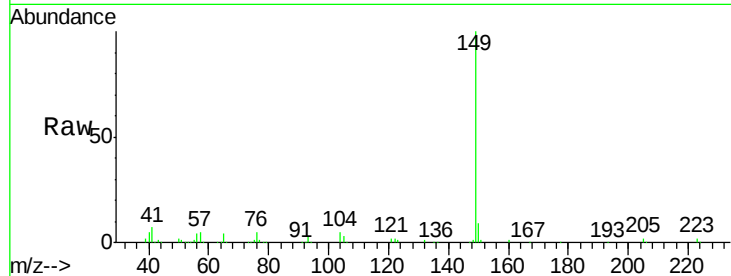




#73
Di-n-butylphthalate
Concen: 46.20 ng
RT: 18.57 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

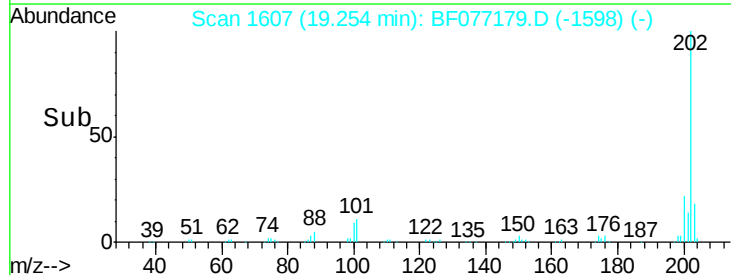
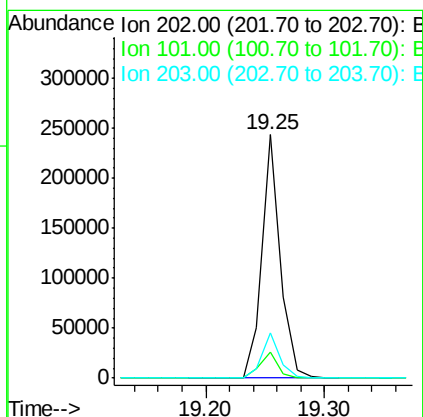
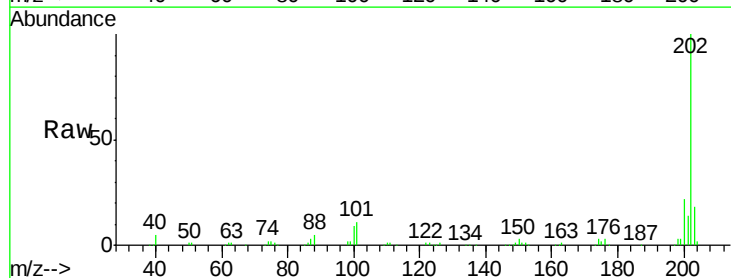
Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:149 Resp: 336428
Ion Ratio Lower Upper
149 100
150 9.3 6.9 10.3
104 5.1 3.7 5.5



#74
Fluoranthene
Concen: 38.87 ng
RT: 19.25 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:202 Resp: 264925
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 18.5 0.0 36.9

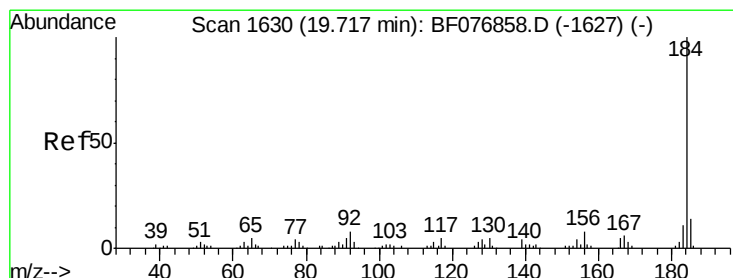
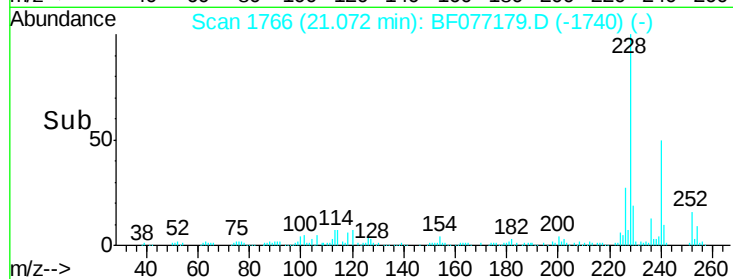
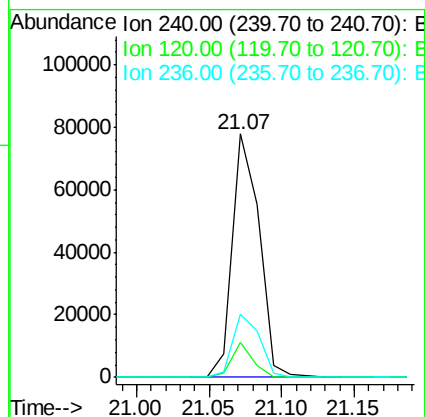
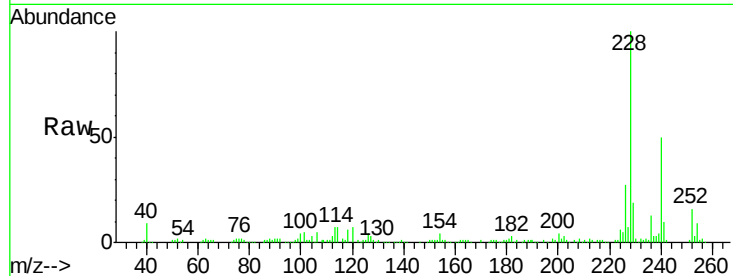




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

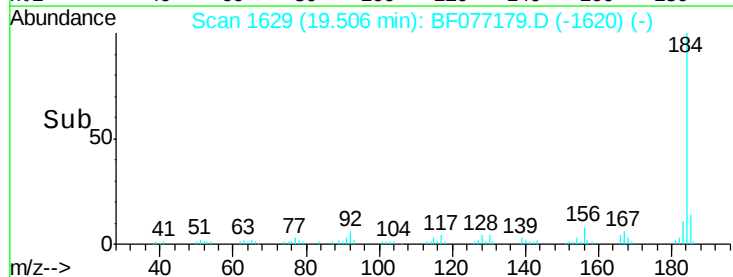
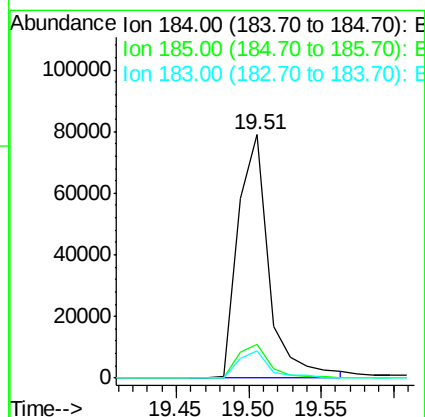
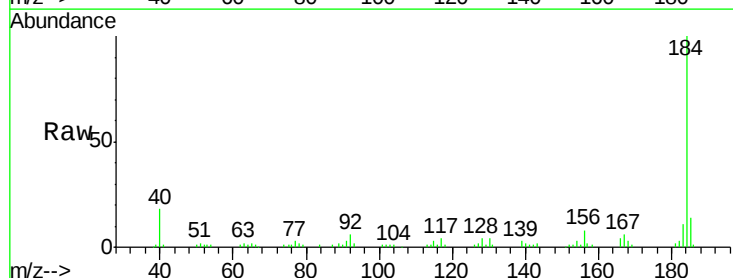
Instrument :
BNA_F
ClientSampleId :
PB81600BS

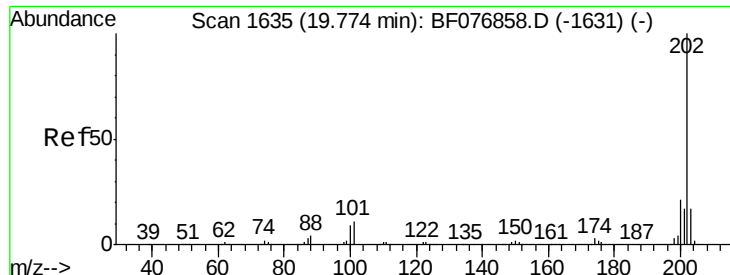
Tot Ion:240 Resp: 100152
Ion Ratio Lower Upper
240 100
120 14.6 10.4 15.6
236 26.0 20.2 30.2



#76
Benzidine
Concen: 36.48 ng
RT: 19.51 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:184 Resp: 116925
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 11.0 9.0 13.6

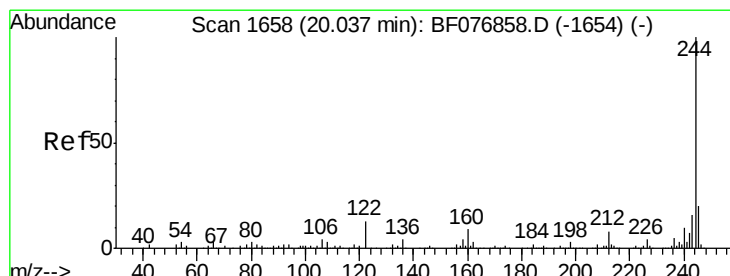
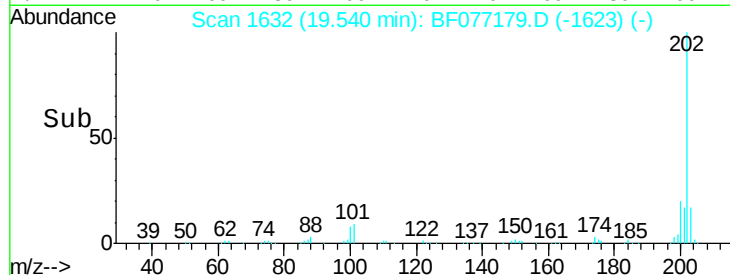
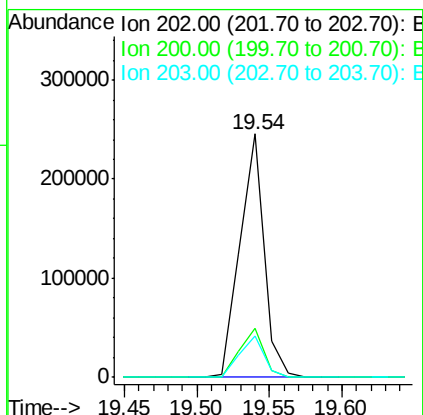
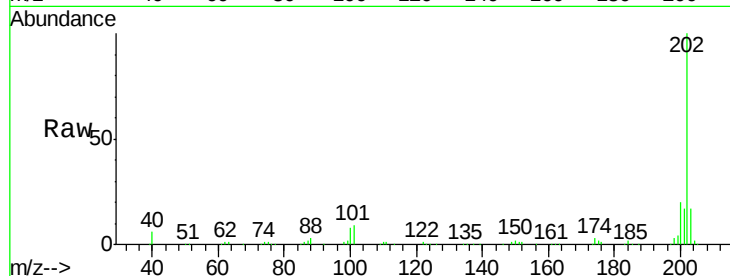




#77
 Pvrene
 Concen: 41.43 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

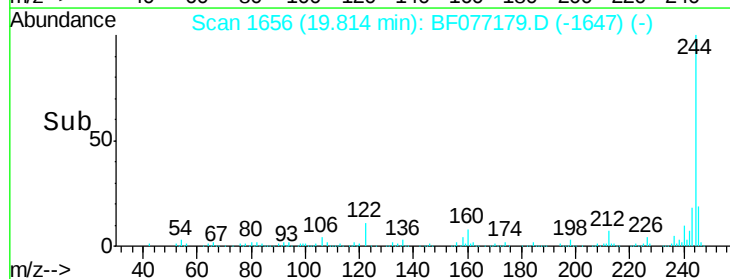
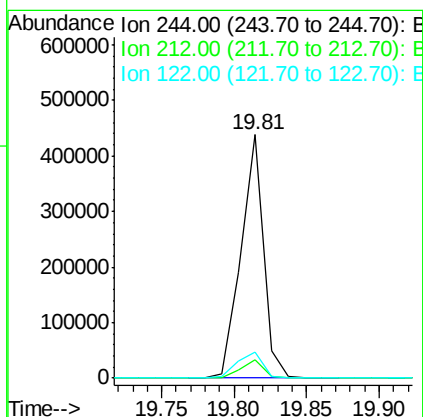
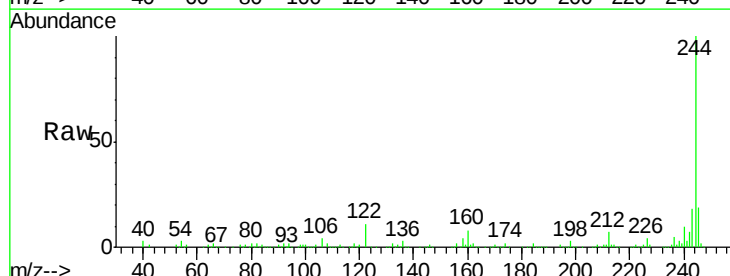
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

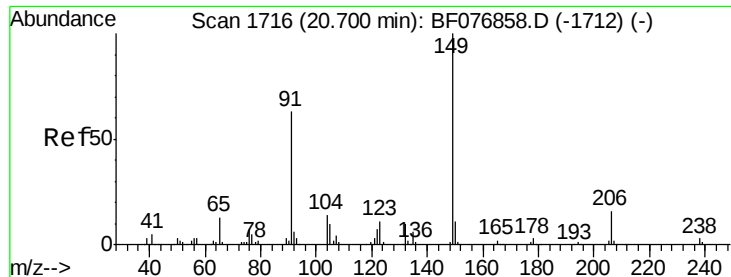
Tot Ion:202 Resp: 284351
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.7 25.1
 203 17.0 14.0 21.0



#78
 Terphenyl-d14
 Concen: 108.54 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:244 Resp: 472177
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.9 10.1 15.1

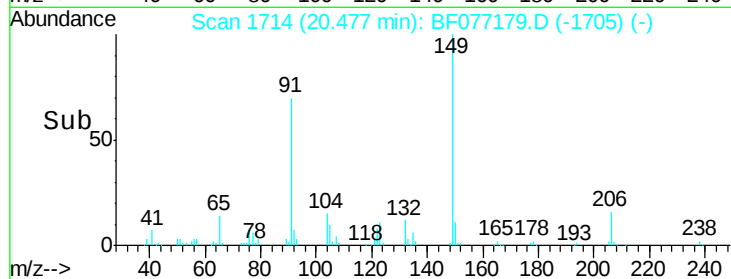
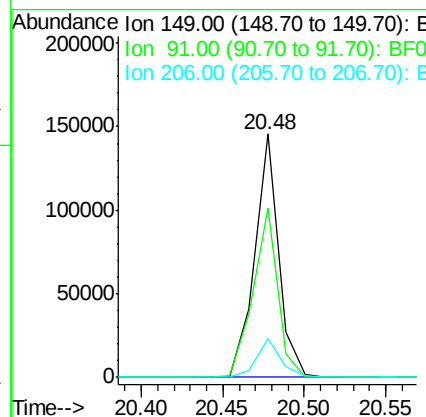
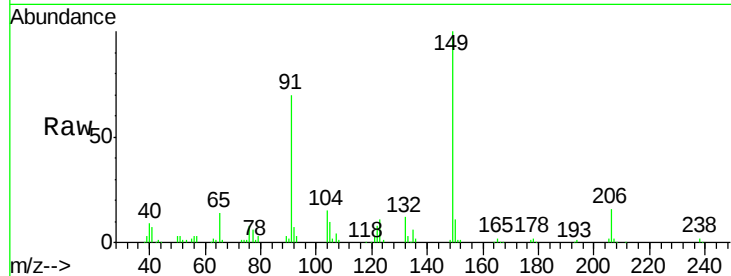




#79
Butylbenzylphthalate
Concen: 47.58 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

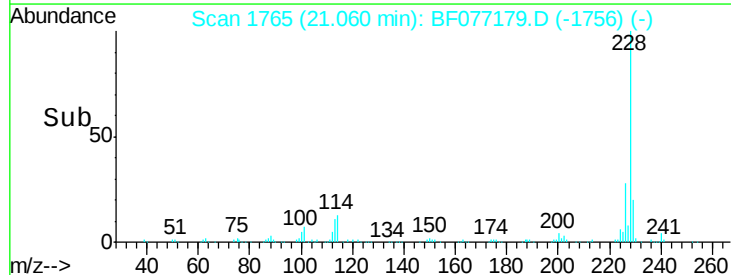
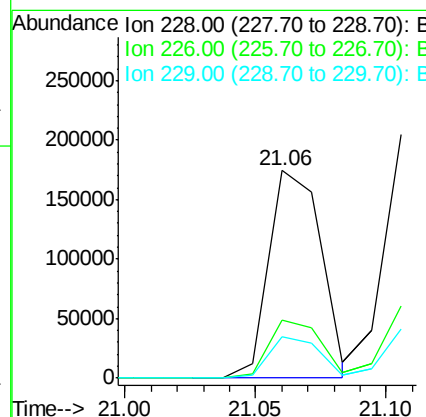
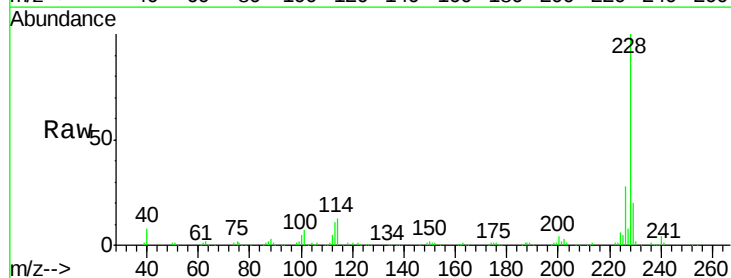
Instrument :
BNA_F
ClientSampleId :
PB81600BS

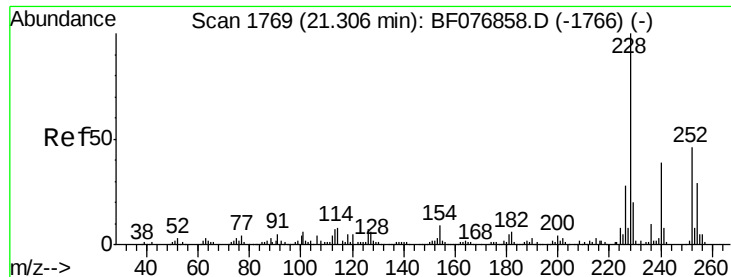
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	50.6	76.0
206	16.2	12.8	19.2



#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.5	23.3

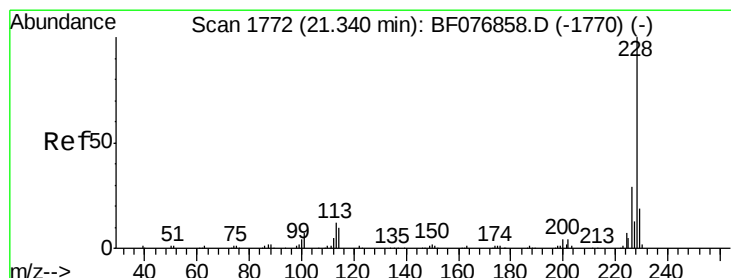
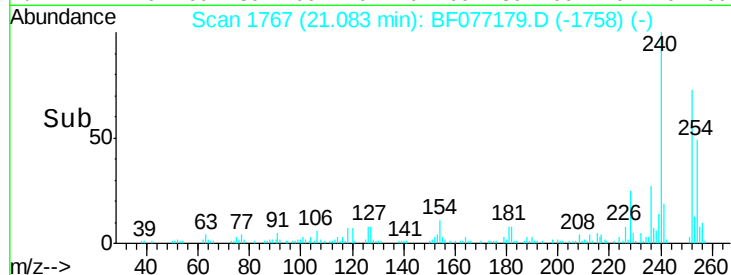
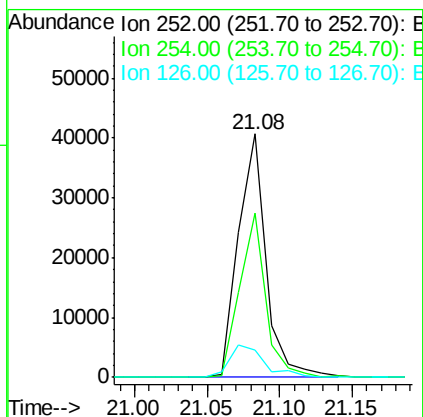
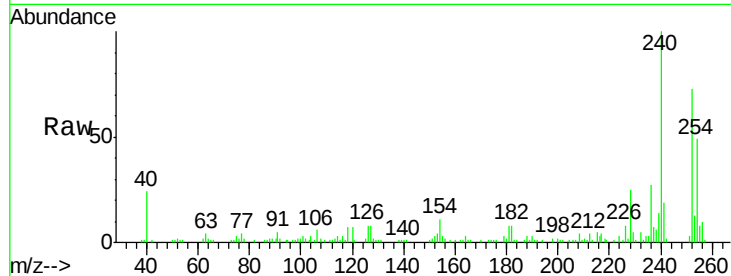




#81
 3,3'-Dichlorobenzidine
 Concen: 27.12 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

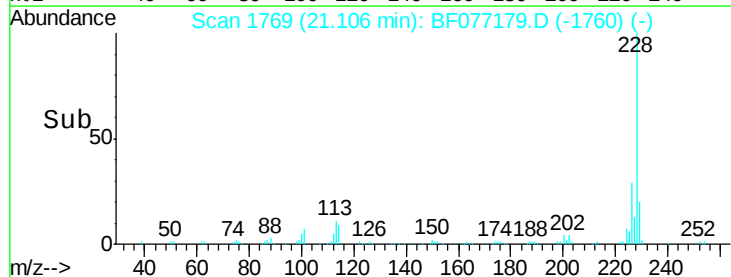
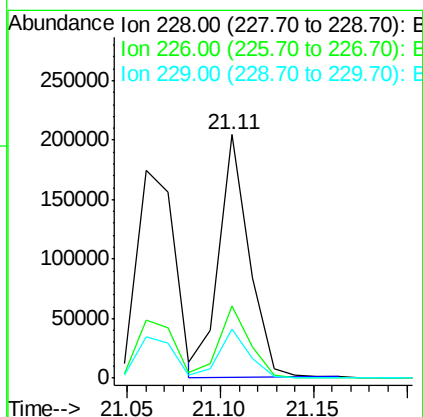
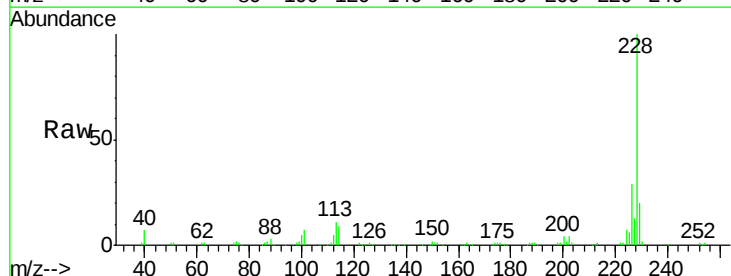
Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

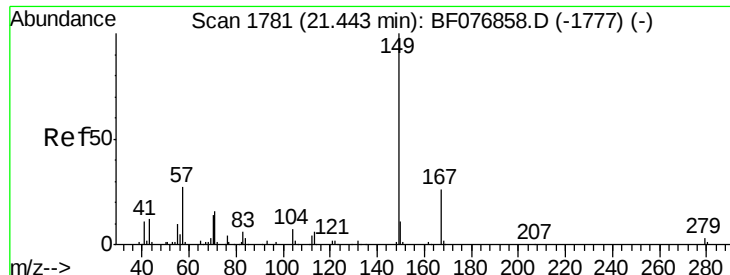
Tot Ion:252 Resp: 54161
 Ion Ratio Lower Upper
 252 100
 254 67.2 50.2 75.4
 126 11.0 11.5 17.3#



#82
 Chrysene
 Concen: 40.34 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Tgt Ion:228 Resp: 231141
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.4 35.0
 229 19.9 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.67 ng

RT: 21.22 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB81600BS

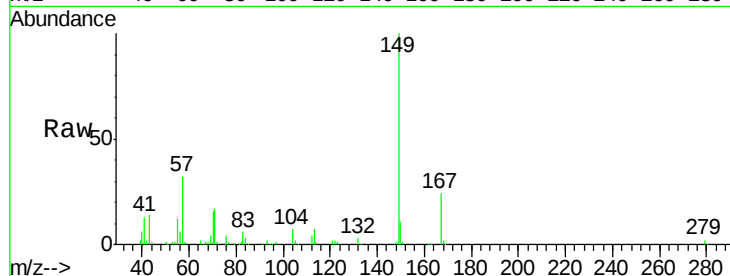
Tot Ion:149 Resp: 217947

Ion Ratio Lower Upper

149 100

167 24.0 20.6 30.8

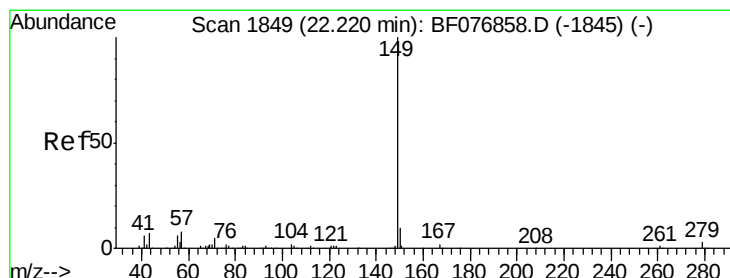
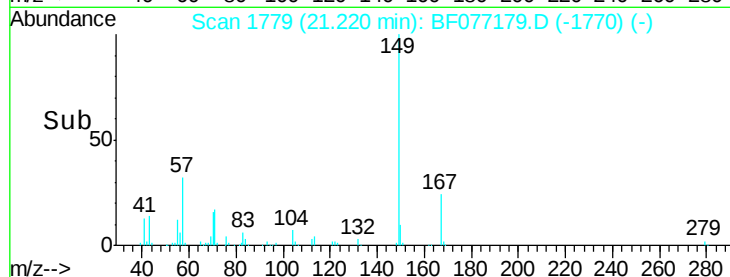
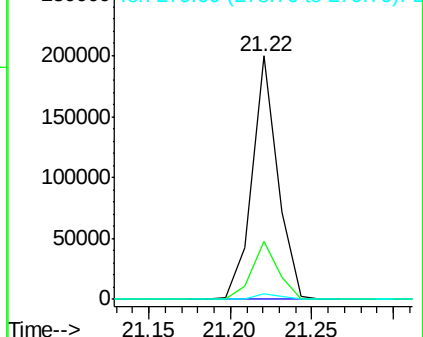
279 2.2 2.2 3.2



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: 51.12 ng

RT: 22.01 min Scan# 1848

Delta R.T. 0.02 min

Lab File: BF077179.D

Acq: 4 Feb 2015 15:42

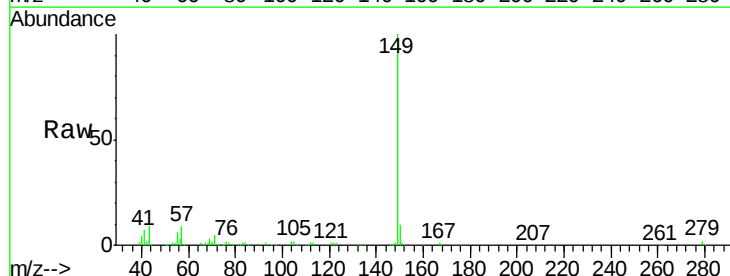
Tgt Ion:149 Resp: 381580

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

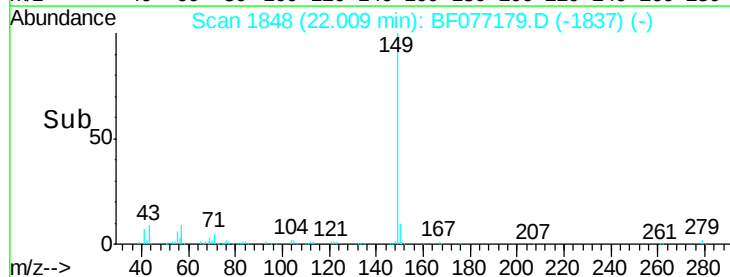
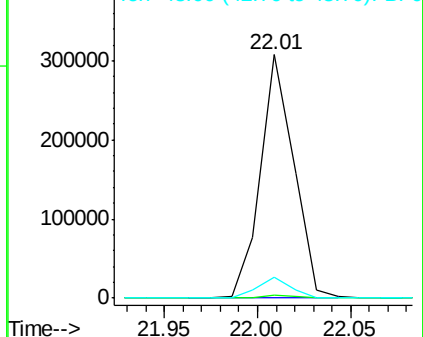
43 8.4 6.6 10.0



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

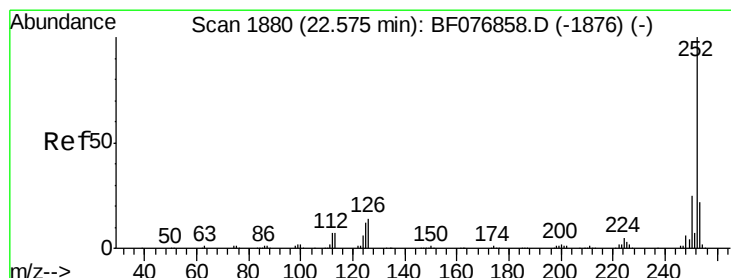
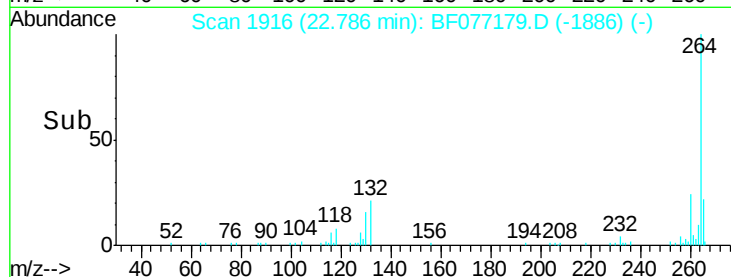
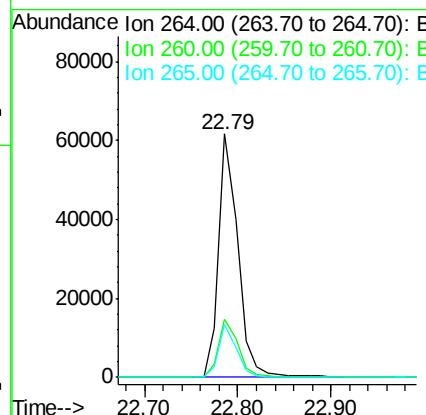
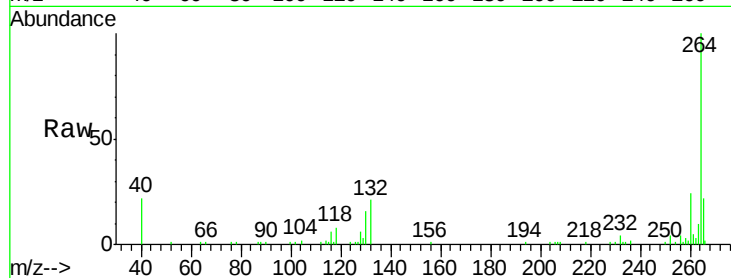




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.79 min Scan# 1916
Delta R.T. 0.05 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

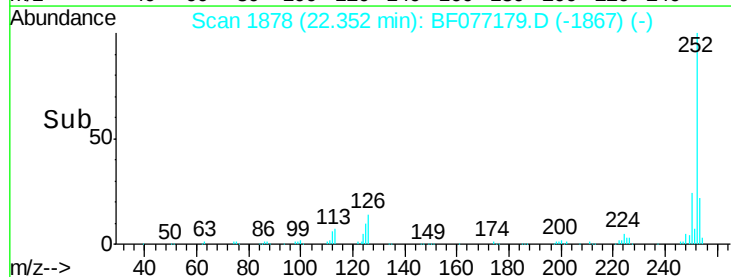
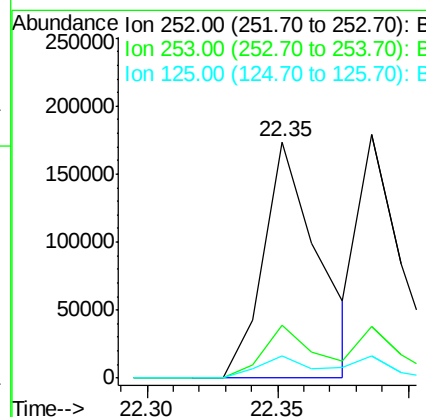
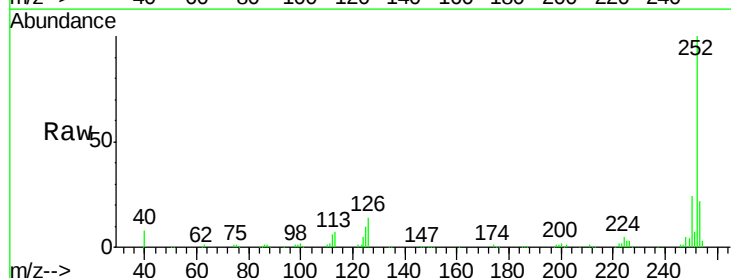
Instrument :
BNA_F
ClientSampleId :
PB81600BS

Tot Ion:264 Resp: 88754
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.9 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 42.76 ng
RT: 22.35 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:252 Resp: 255622
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.6 9.4 14.0

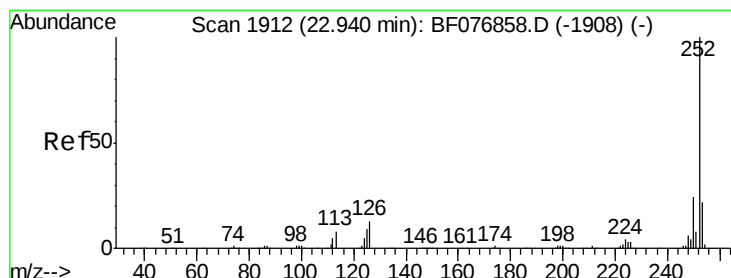
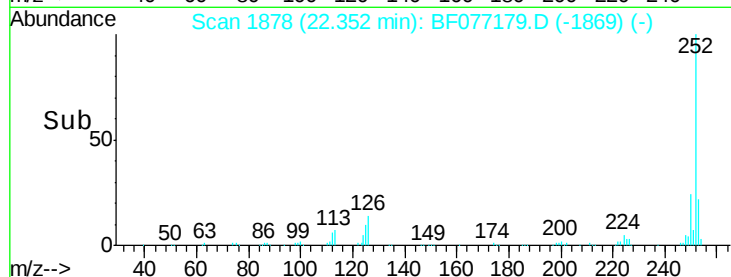
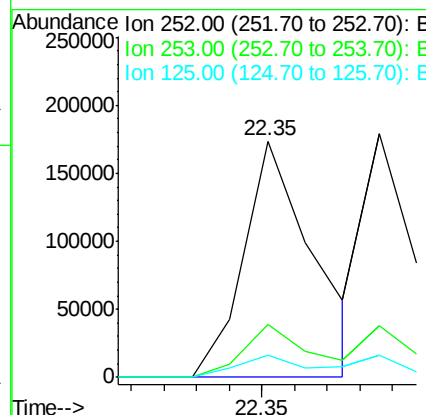
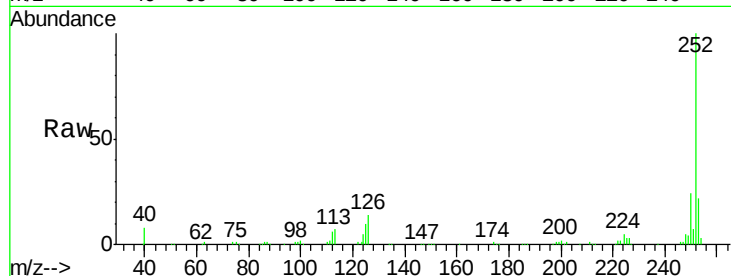




#88
Benzo(k)fluoranthene
Concen: 48.94 ng
RT: 22.35 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

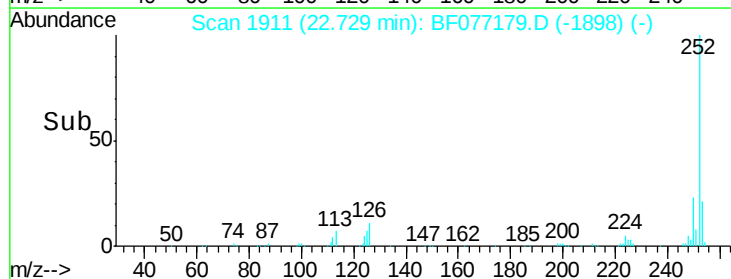
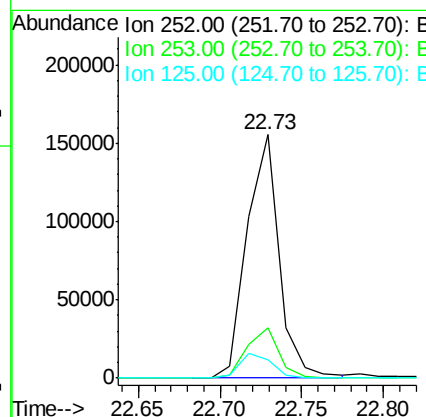
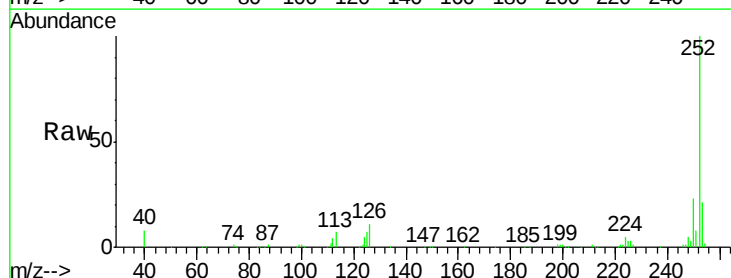
Instrument :
BNA_F
ClientSampleId :
PB81600BS

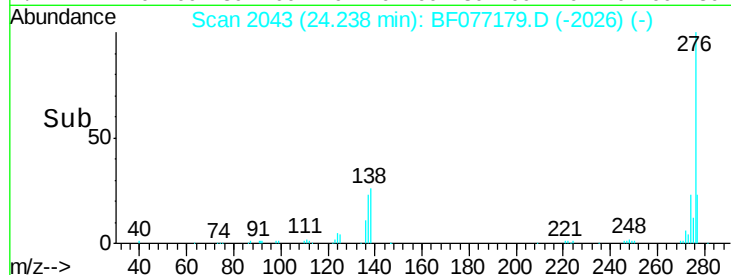
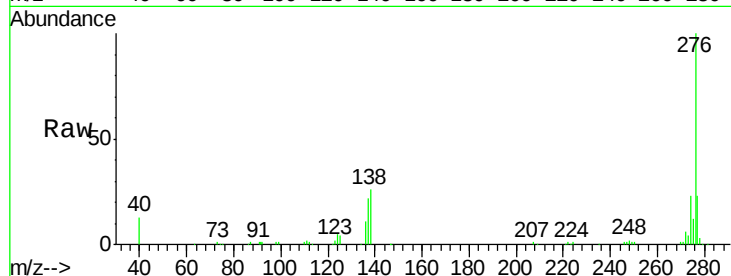
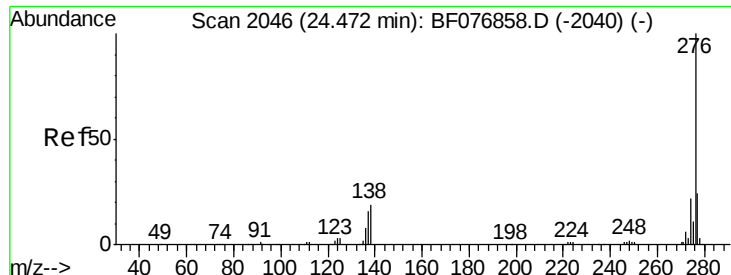
Tot Ion:252 Resp: 255604
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.6 7.1 10.7



#89
Benzo(a)pyrene
Concen: 40.37 ng
RT: 22.73 min Scan# 1911
Delta R.T. 0.05 min
Lab File: BF077179.D
Acq: 4 Feb 2015 15:42

Tgt Ion:252 Resp: 212885
Ion Ratio Lower Upper
252 100
253 20.7 17.9 26.9
125 7.5 7.2 10.8





#91
 Benzo(a,h,i)perylene
 Concen: 32.85 ng
 RT: 24.24 min Scan# 2043
 Delta R.T. 0.09 min
 Lab File: BF077179.D
 Acq: 4 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81600BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.5	29.3
138	26.0	15.0	22.6

