

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077205.D
 Acq On : 6 Feb 2015 16:53
 Operator : TP/IZ
 Sample : PB81636BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Quant Time: Feb 06 23:02:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:52:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29126	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	119325	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	59828	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	110494	20.00	ng	0.00
75) Chrysene-d12	21.05	240	109422	20.00	ng	0.00
86) Perylene-d12	22.74	264	93813	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	189692	107.08	ng	0.00
7) Phenol-d6	7.06	99	235378	105.33	ng	0.00
23) Nitrobenzene-d5	8.96	82	147472	68.47	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	60497	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	310098	78.88	ng	0.00
78) Terphenyl-d14	19.79	244	355088	74.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.10	88	18869	24.88	ng	90
3) Pyridine	1.54	79	57299	29.19	ng	97
4) n-Nitrosodimethylamine	1.50	42	25599	26.33	ng	93
6) Aniline	6.93	93	47814	15.46	ng	99
8) 2-Chlorophenol	7.17	128	66466	32.55	ng	96
9) Benzaldehyde	6.69	77	4612	2.59	ng	# 83
10) Phenol	7.08	94	71106	29.96	ng	92
11) bis(2-Chloroethyl)ether	7.20	93	60234	32.44	ng	# 75
12) 1,3-Dichlorobenzene	7.48	146	70464	30.33	ng	93
13) 1,4-Dichlorobenzene	7.68	146	72002	29.22	ng	97
14) 1,2-Dichlorobenzene	8.00	146	71887	31.67	ng	94
15) Benzyl Alcohol	8.10	79	55894	30.91	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.44	45	83175	33.32	ng	88
17) 2-Methylphenol	8.45	107	52189	31.27	ng	97
18) Hexachloroethane	8.74	117	27444	32.02	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	50143	32.05	ng	97
20) 3+4-Methylphenols	8.84	107	61576	27.86	ng	98
22) Acetophenone	8.65	105	97733	33.44	ng	100
24) Nitrobenzene	8.99	77	70163	31.98	ng	94
25) Isophorone	9.60	82	132946	33.89	ng	98
26) 2-Nitrophenol	9.74	139	32857	29.93	ng	97
27) 2,4-Dimethylphenol	10.03	122	59868	35.29	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	80496	36.11	ng	# 97
29) 2,4-Dichlorophenol	10.35	162	48928	30.94	ng	96
30) 1,2,4-Trichlorobenzene	10.46	180	59169	33.69	ng	98
31) Naphthalene	10.60	128	198013	32.23	ng	99
32) Benzoic acid	10.42	122	2827	3.01	ng	94
33) 4-Chloroaniline	10.87	127	40246	16.21	ng	96
34) Hexachlorobutadiene	10.97	225	33211	31.87	ng	91
35) Caprolactam	11.71	113	12005	25.79	ng	# 80
36) 4-Chloro-3-methylphenol	12.17	107	59746	33.00	ng	93
37) 2-Methylnaphthalene	12.26	142	140222	33.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	53949	36.47	ng	97
40) Hexachlorocyclopentadiene	12.64	237	51983	66.13	ng	95

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

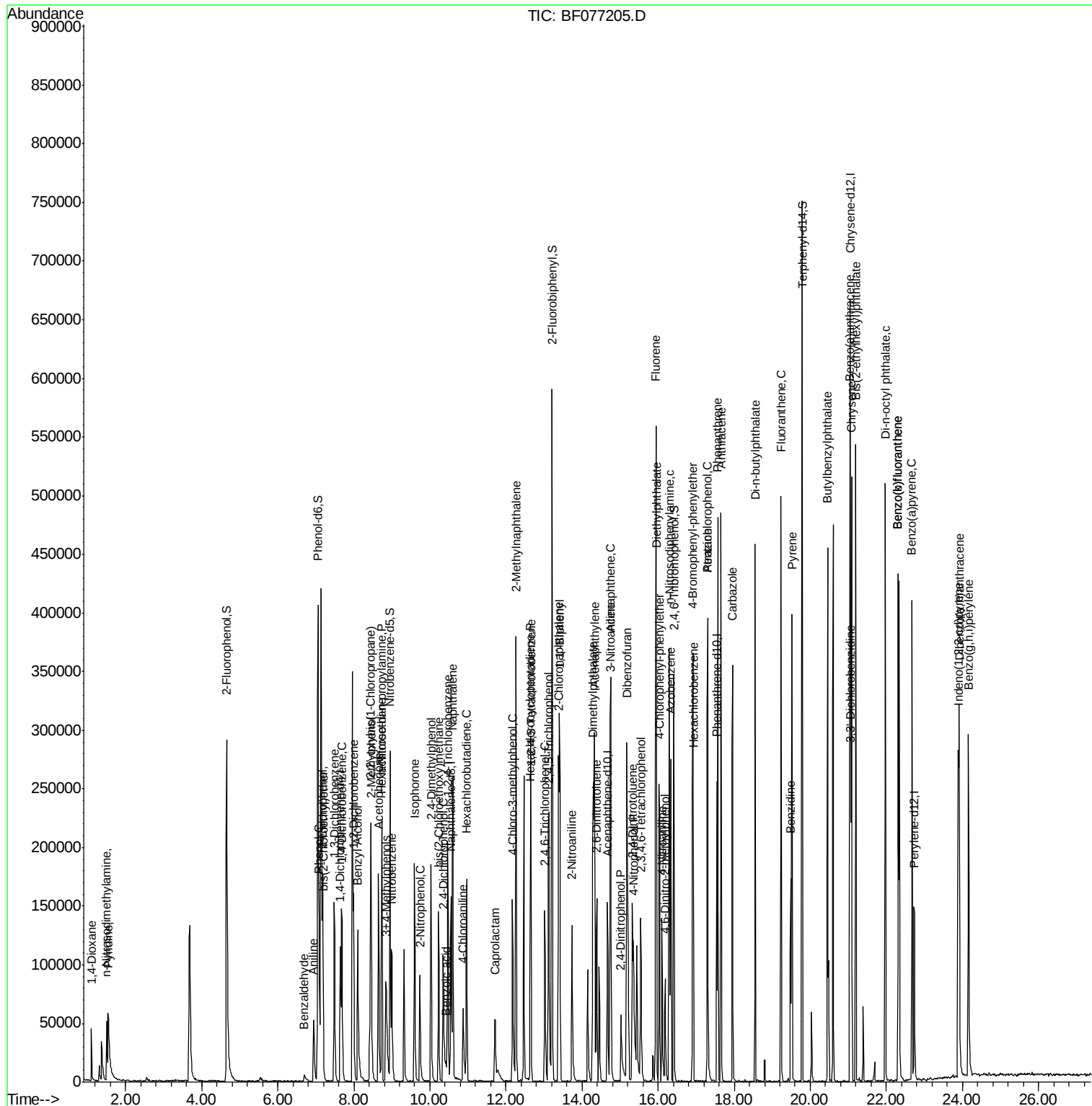
42) 2,4,6-Trichlorophenol	13.01	196	35983	33.39	nq	99
43) 2,4,5-Trichlorophenol	13.12	196	31874	29.00	nq	# 90
45) 1,1'-Biphenyl	13.40	154	173774	39.18	nq	98
46) 2-Chloronaphthalene	13.38	162	136699	37.45	nq	98
47) 2-Nitroaniline	13.73	65	42423	38.32	nq	90
48) Acenaphthylene	14.33	152	221290	35.94	nq	99
49) Dimethylphthalate	14.29	163	166651	39.28	nq	99
50) 2,6-Dinitrotoluene	14.39	165	33881	39.97	nq	95
51) Acenaphthene	14.75	154	122772	35.15	nq	97
52) 3-Nitroaniline	14.74	138	25289	23.80	nq	96
53) 2,4-Dinitrophenol	15.03	184	16224	46.55	nq	93
54) Dibenzofuran	15.17	168	196356	38.59	nq	97
55) 4-Nitrophenol	15.35	139	35698	53.67	nq	96
56) 2,4-Dinitrotoluene	15.32	165	48099	38.30	nq	# 94
57) Fluorene	15.94	166	164705	38.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	27841	34.79	nq	# 95
59) Diethylphthalate	15.95	149	176393	41.14	nq	96
60) 4-Chlorophenyl-phenylether	16.03	204	69390	39.34	nq	98
61) 4-Nitroaniline	16.10	138	31713	30.22	nq	95
62) Azobenzene	16.33	77	177432	39.71	nq	96
64) 4,6-Dinitro-2-methylphenol	16.18	198	19171	28.44	nq	81
65) n-Nitrosodiphenylamine	16.29	169	134660	34.18	nq	99
66) 4-Bromophenyl-phenylether	16.91	248	38834	34.69	nq	# 87
67) Hexachlorobenzene	16.92	284	41431	35.12	nq	92
68) Atrazine	17.30	200	48973	40.96	nq	94
69) Pentachlorophenol	17.30	266	28157	54.45	nq	98
70) Phenanthrene	17.57	178	235748	34.21	nq	97
71) Anthracene	17.65	178	240460	35.79	nq	98
72) Carbazole	17.95	167	225636	34.62	nq	99
73) Di-n-butylphthalate	18.55	149	293183	38.86	nq	99
74) Fluoranthene	19.23	202	251308	35.59	nq	98
76) Benzidine	19.48	184	102378	29.24	nq	99
77) Pyrene	19.52	202	255995	34.14	nq	100
79) Butylbenzylphthalate	20.45	149	129739	38.20	nq	96
80) Benzo(a)anthracene	21.04	228	227008	33.07	nq	100
81) 3,3'-Dichlorobenzidine	21.06	252	54425	24.95	nq	# 96
82) Chrysene	21.08	228	222716	35.57	nq	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	193242	41.12	nq	95
84) Di-n-octyl phthalate	21.97	149	327567	40.16	nq	99
85) Indeno(1,2,3-cd)pyrene	23.89	276	218009	32.86	nq	# 83
87) Benzo(b)fluoranthene	22.31	252	246531	39.02	nq	98
88) Benzo(k)fluoranthene	22.31	252	246513	44.66	nq	98
89) Benzo(a)pyrene	22.67	252	200066	35.90	nq	# 97
90) Dibenzo(a,h)anthracene	23.92	278	182848	35.76	nq	99
91) Benzo(g,h,i)perylene	24.16	276	180647	35.53	nq	# 95

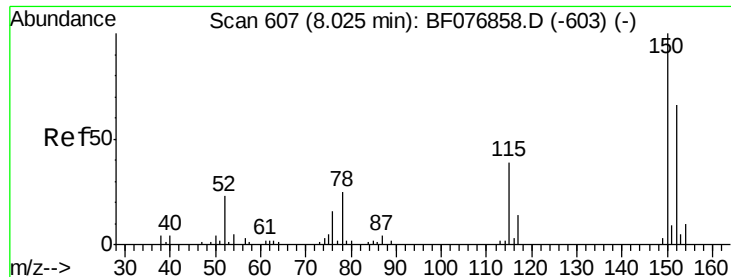
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

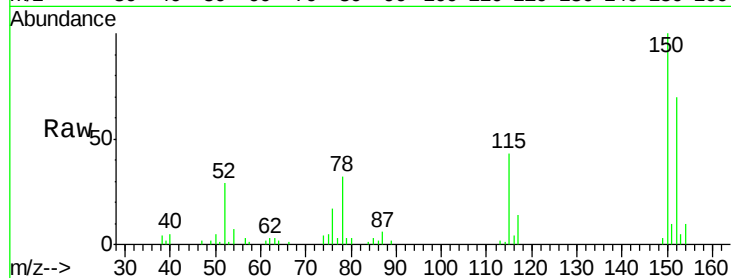
Tot Ion:152 Resp: 29126

Ion Ratio Lower Upper

152 100

150 143.1 121.7 182.5

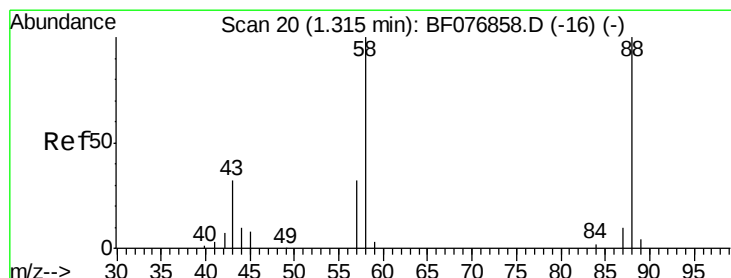
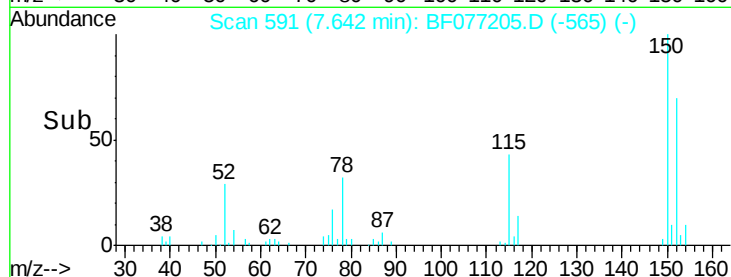
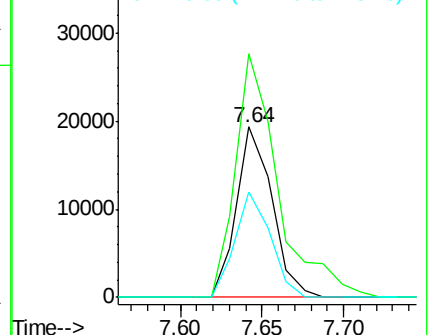
115 62.0 47.0 70.6



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: 24.88 ng

RT: 1.10 min Scan# 19

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

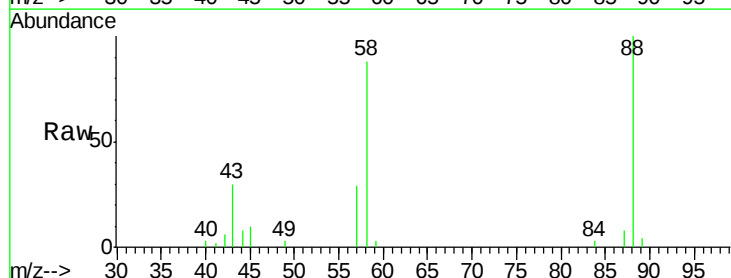
Tgt Ion: 88 Resp: 18869

Ion Ratio Lower Upper

88 100

58 105.5 77.0 115.4

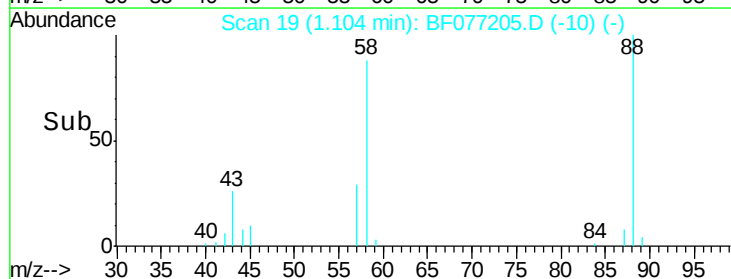
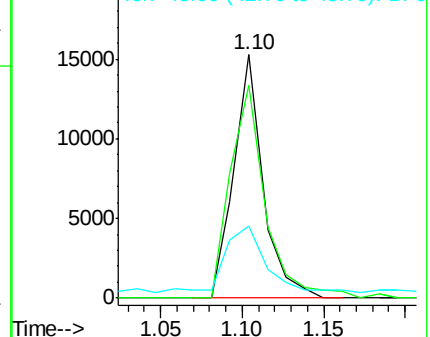
43 37.9 25.6 38.4

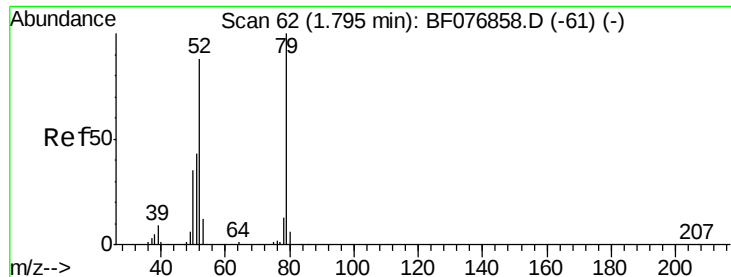


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.19 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.01 min

Lab File: BF077205.D

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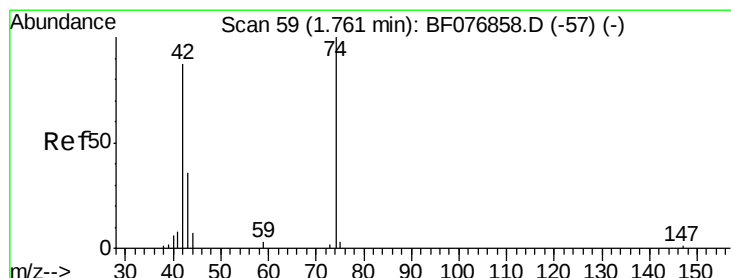
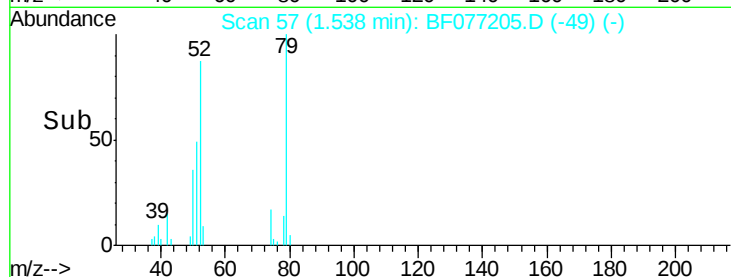
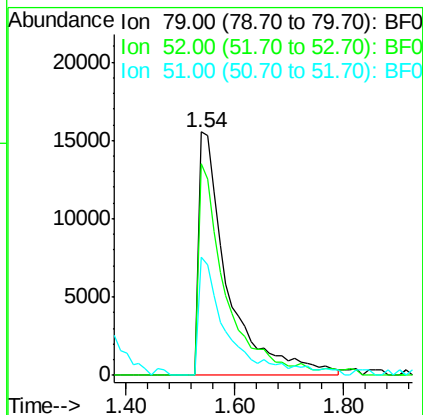
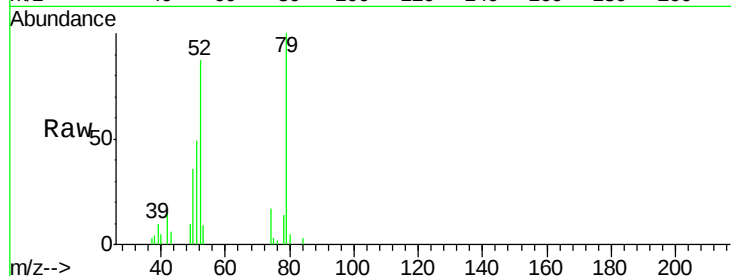
Tot Ion: 79 Resp: 57299

Ion Ratio Lower Upper

79 100

52 87.1 70.1 105.1

51 48.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 26.33 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

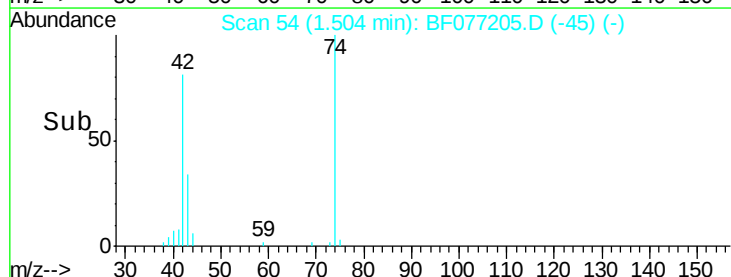
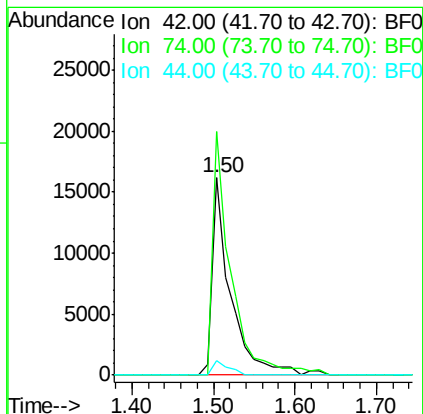
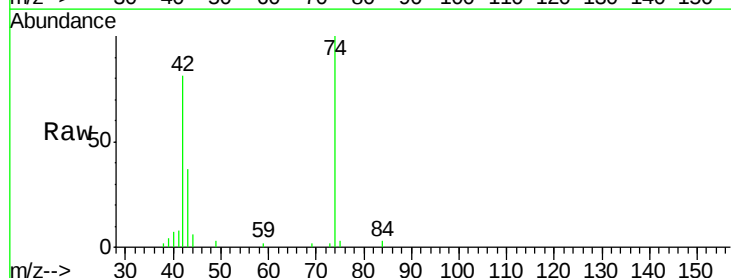
Tgt Ion: 42 Resp: 25599

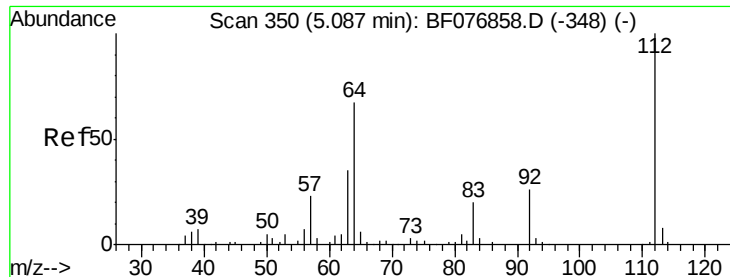
Ion Ratio Lower Upper

42 100

74 123.3 92.4 138.6

44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 107.08 ng

RT: 4.66 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

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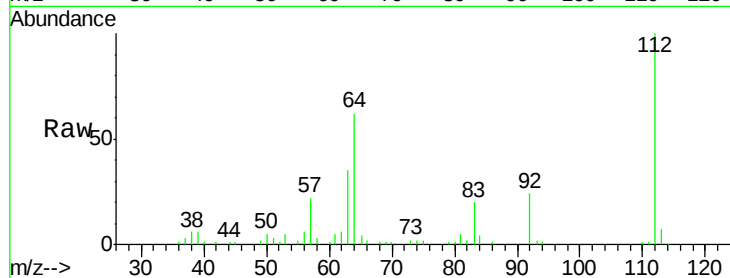
Tot Ion: 112 Resp: 189692

Ion Ratio Lower Upper

112 100

64 62.4 54.2 81.4

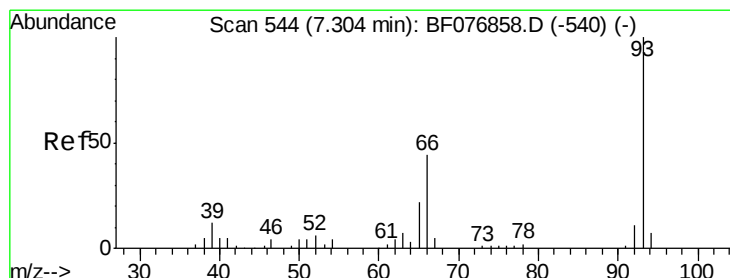
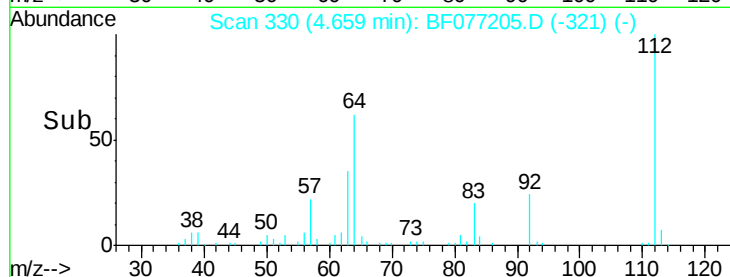
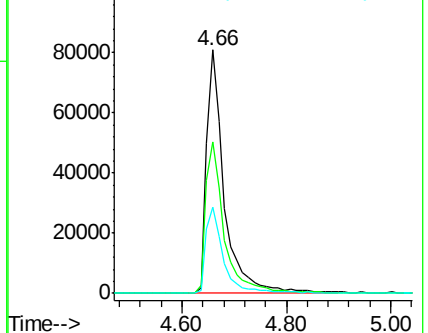
63 35.4 28.4 42.6



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: 15.46 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

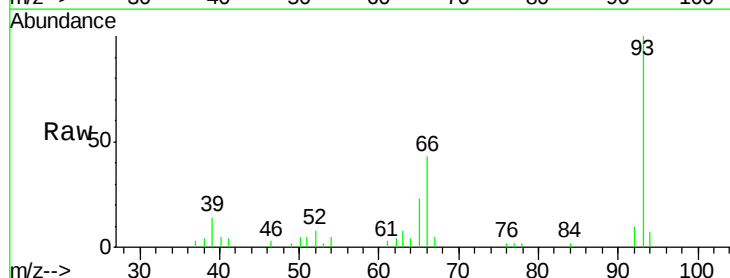
Tgt Ion: 93 Resp: 47814

Ion Ratio Lower Upper

93 100

66 43.1 35.0 52.4

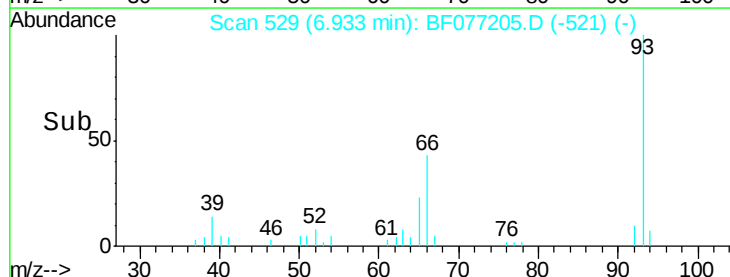
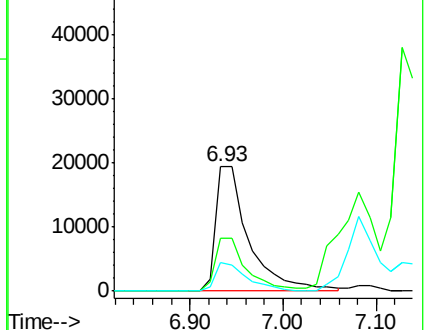
65 22.7 17.7 26.5

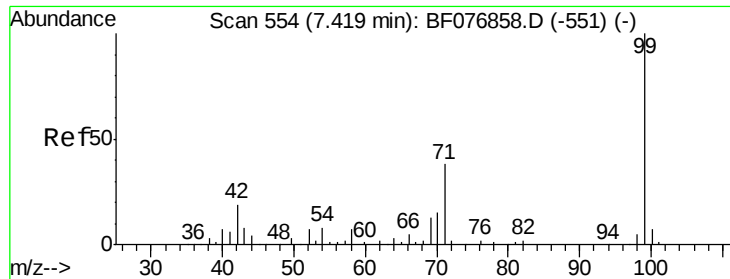


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.33 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

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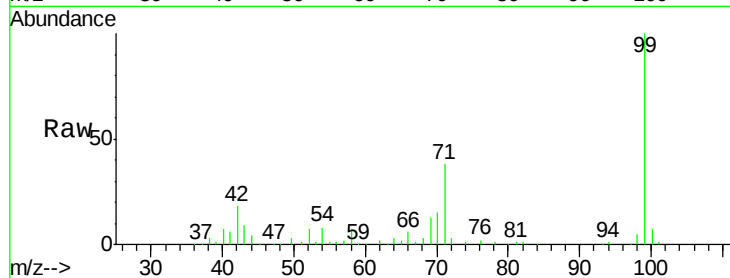
Tot Ion: 99 Resp: 235378

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

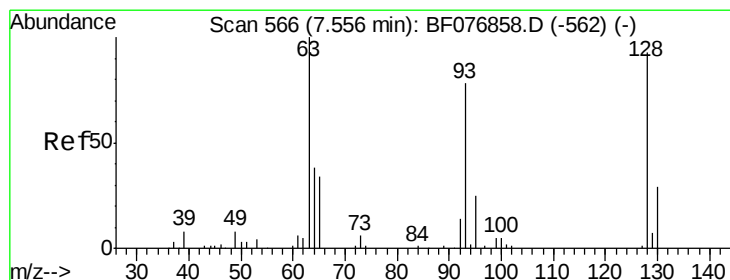
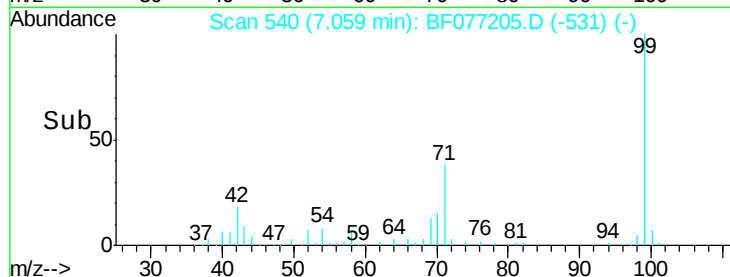
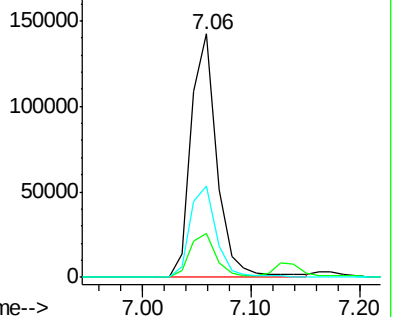
71 37.6 30.5 45.7



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: 32.55 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

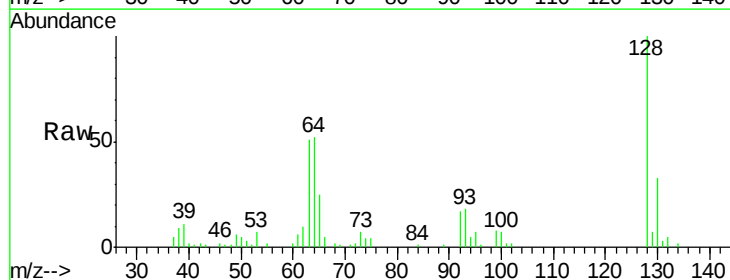
Tgt Ion: 128 Resp: 66466

Ion Ratio Lower Upper

128 100

130 33.4 11.0 51.0

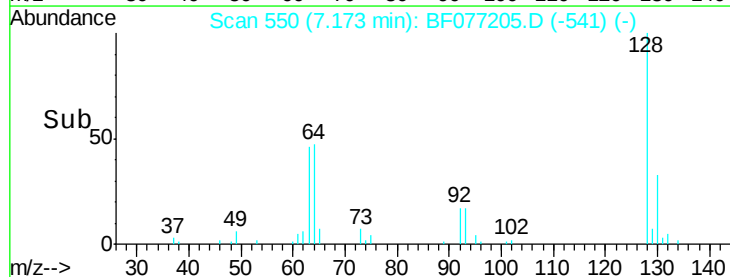
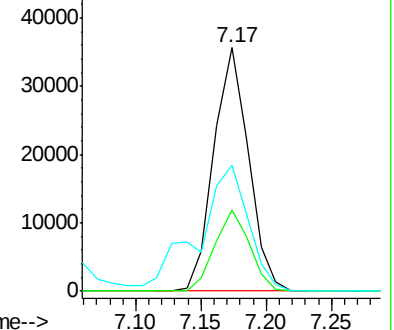
64 51.8 29.3 69.3

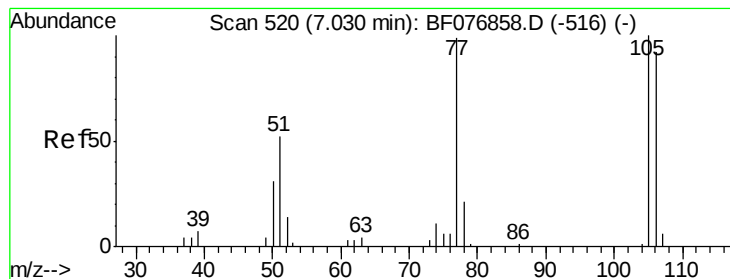


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.59 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

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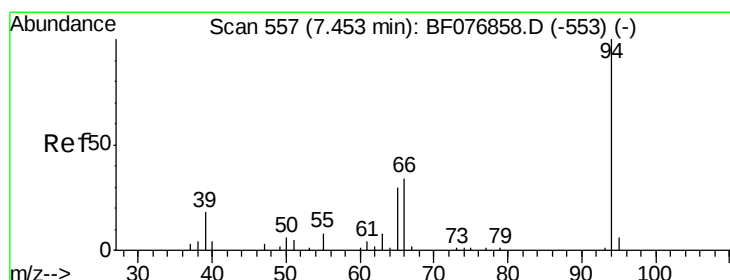
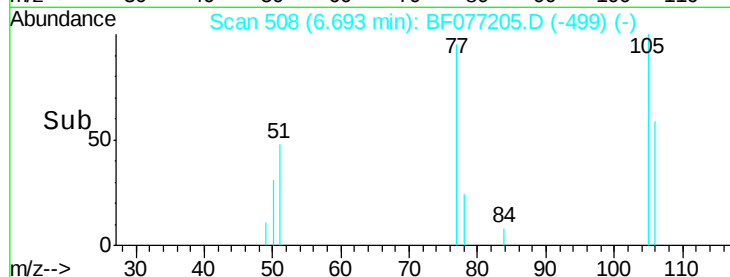
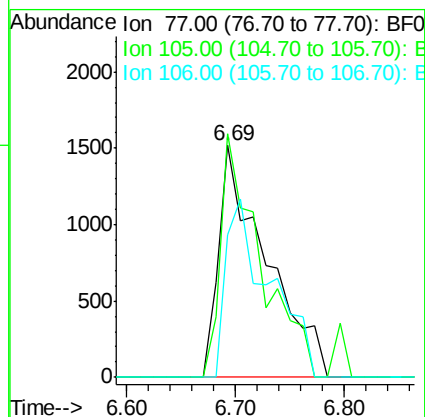
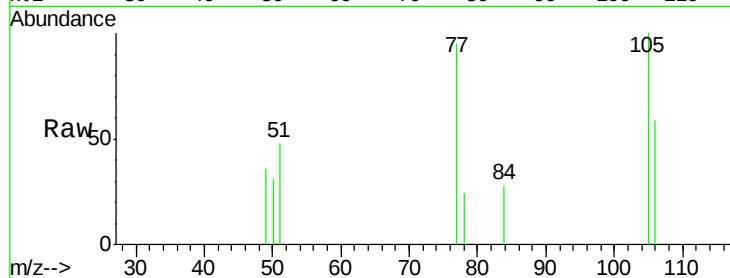
Tot Ion: 77 Resp: 4612

Ion Ratio Lower Upper

77 100

105 105.0 81.4 121.4

106 61.7 72.8 112.8#



#10

Phenol

Concen: 29.96 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

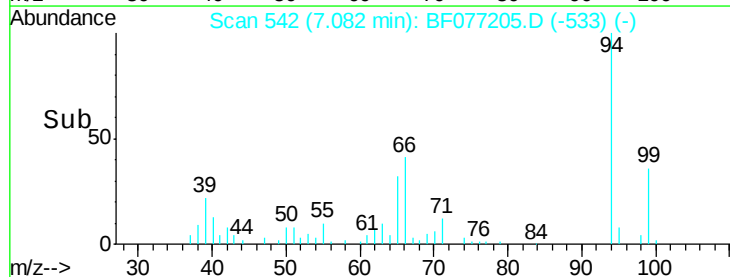
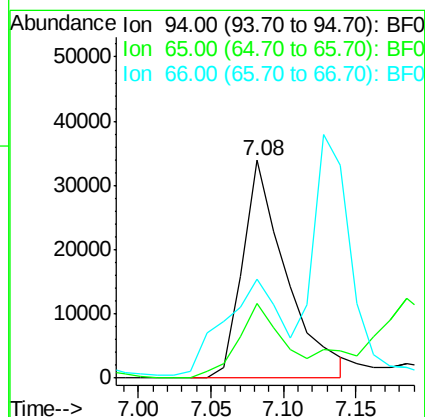
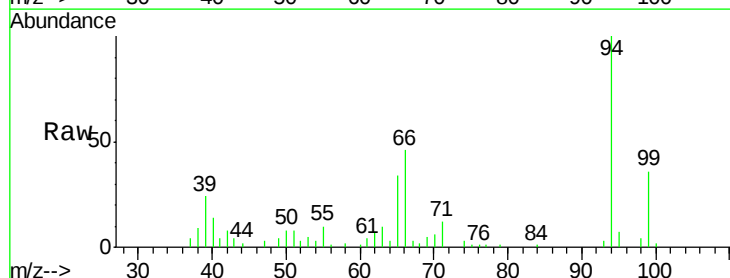
Tgt Ion: 94 Resp: 71106

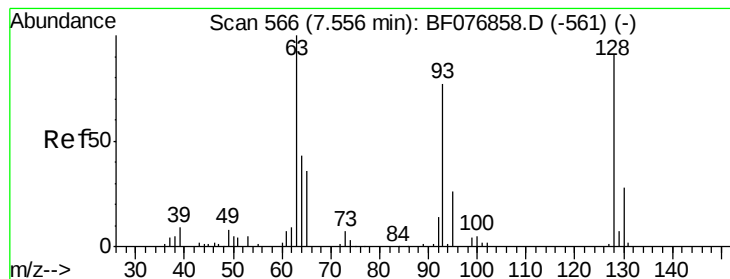
Ion Ratio Lower Upper

94 100

65 34.4 11.3 51.3

66 45.7 19.5 59.5

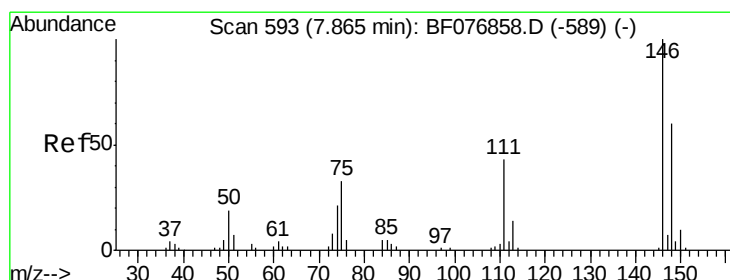
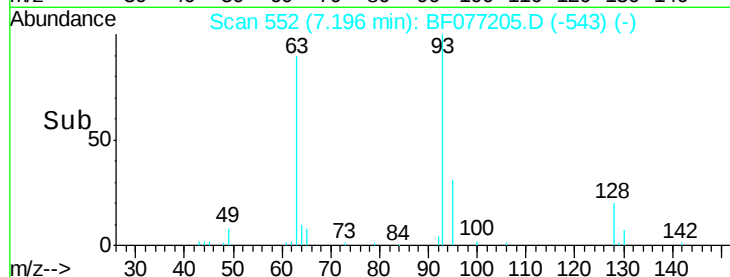
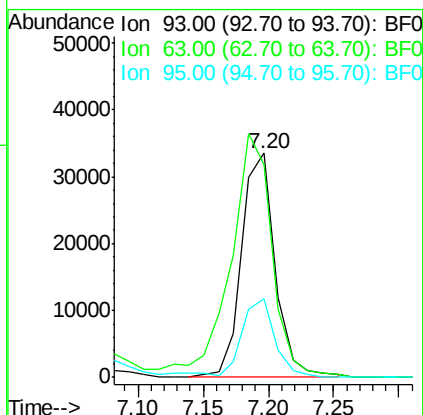
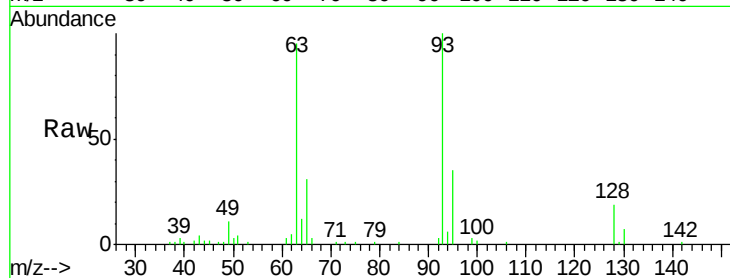




#11
bis(2-Chloroethyl)ether
Concen: 32.44 ng
RT: 7.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

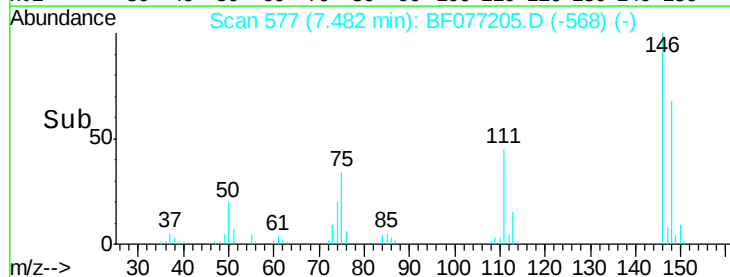
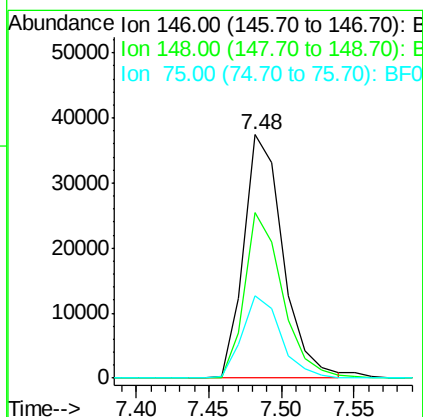
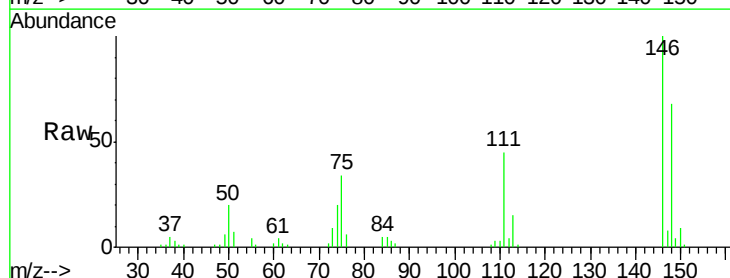
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

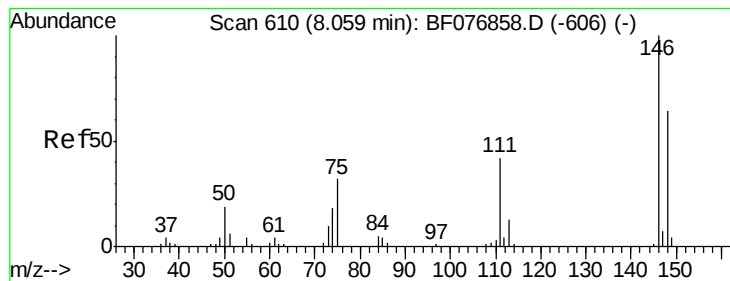
Tot Ion: 93 Resp: 60234
Ion Ratio Lower Upper
93 100
63 94.8 111.3 151.3#
95 35.1 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 30.33 ng
RT: 7.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion: 146 Resp: 70464
Ion Ratio Lower Upper
146 100
148 68.1 48.1 72.1
75 34.0 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 29.22 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

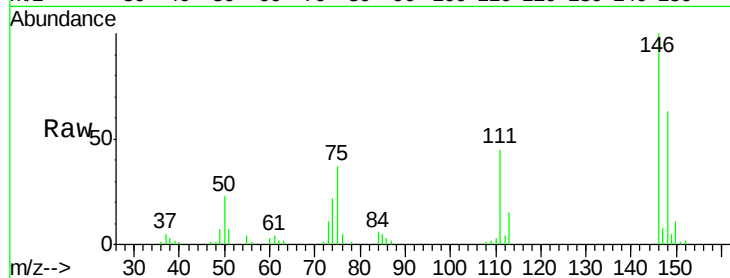
Tot Ion:146 Resp: 72002

Ion Ratio Lower Upper

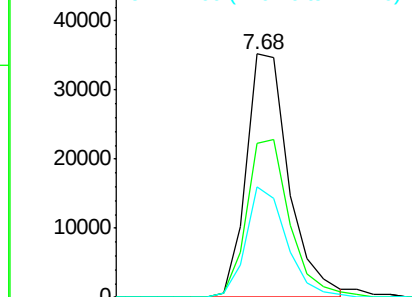
146 100

148 63.3 51.5 77.3

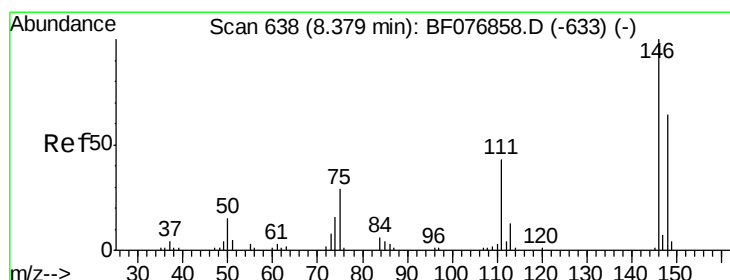
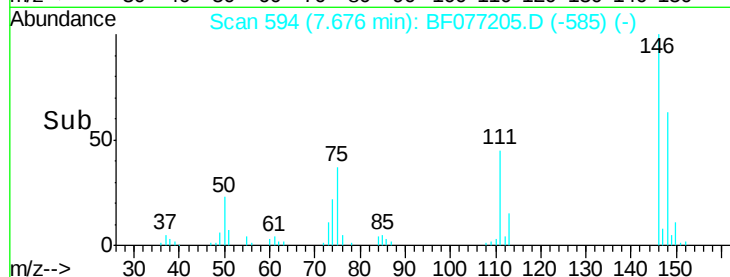
111 45.2 33.9 50.9



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



Time-->



#14

1,2-Dichlorobenzene

Concen: 31.67 ng

RT: 8.00 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

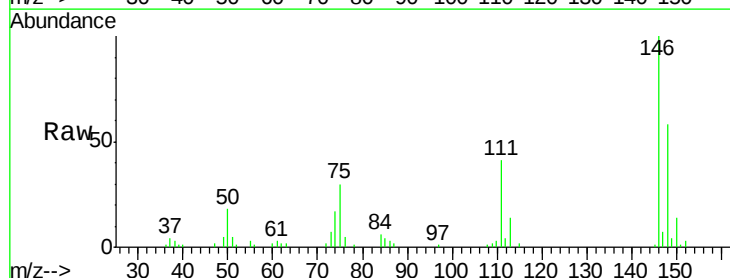
Tgt Ion:146 Resp: 71887

Ion Ratio Lower Upper

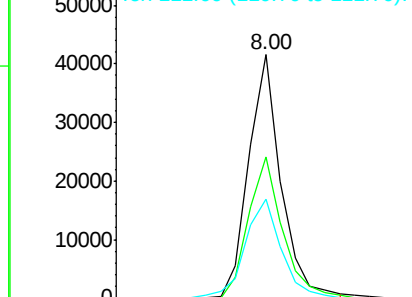
146 100

148 58.0 51.3 76.9

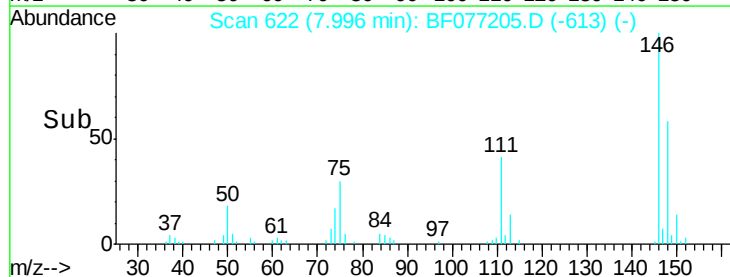
111 40.7 34.5 51.7

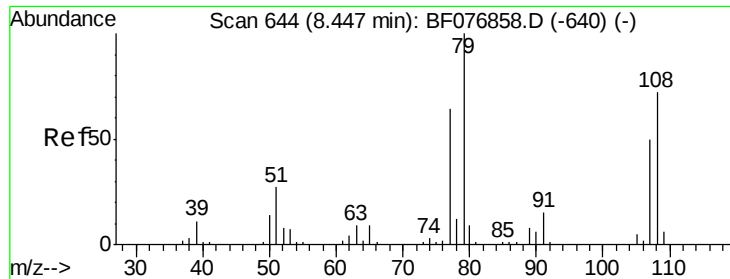


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 30.91 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

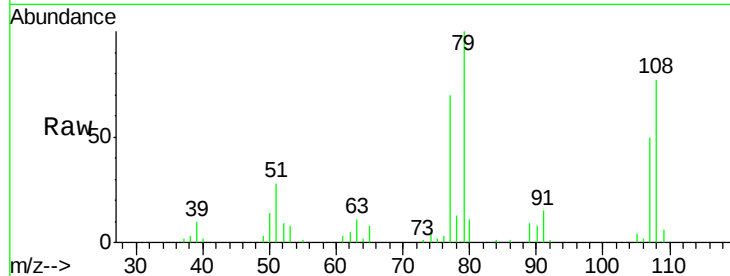
Tot Ion: 79 Resp: 55894

Ion Ratio Lower Upper

79 100

108 77.0 57.2 85.8

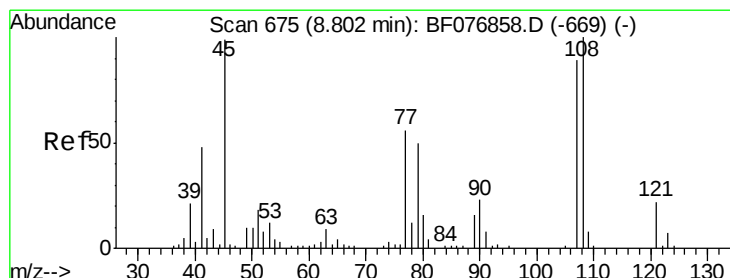
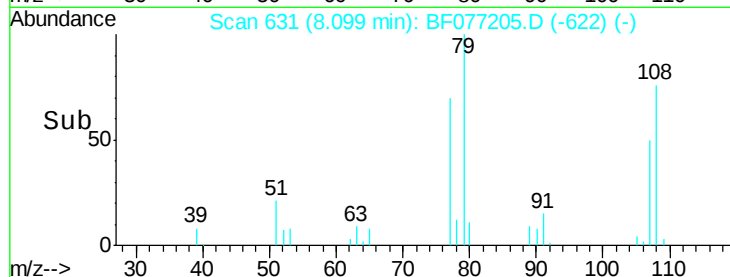
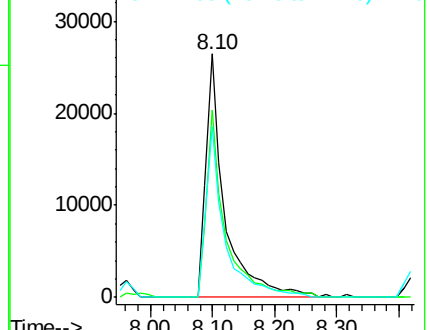
77 70.1 51.2 76.8



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: 33.32 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

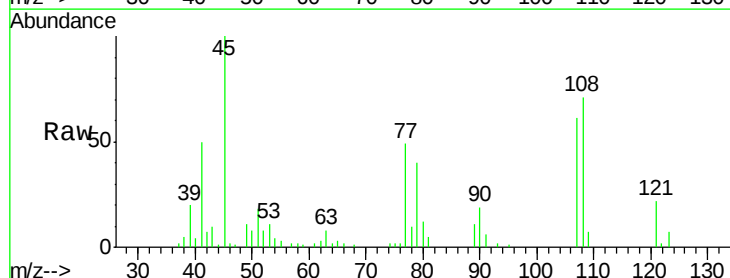
Tgt Ion: 45 Resp: 83175

Ion Ratio Lower Upper

45 100

77 49.2 36.1 76.1

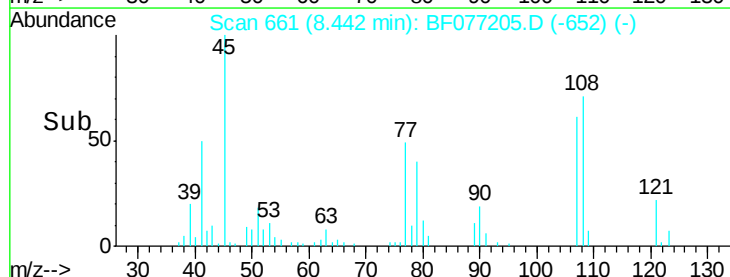
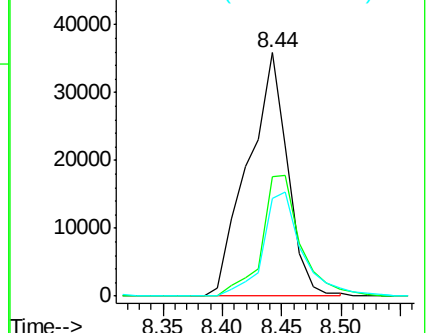
79 40.4 30.5 70.5

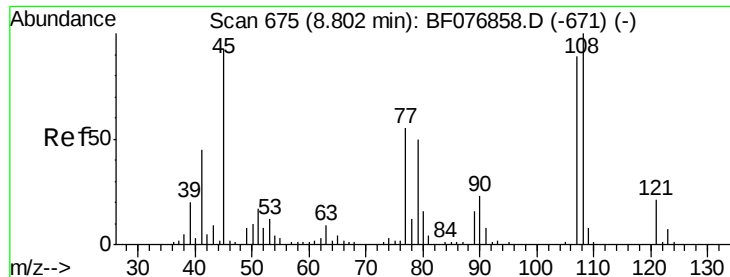


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.27 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

Tot Ion:107 Resp: 52189

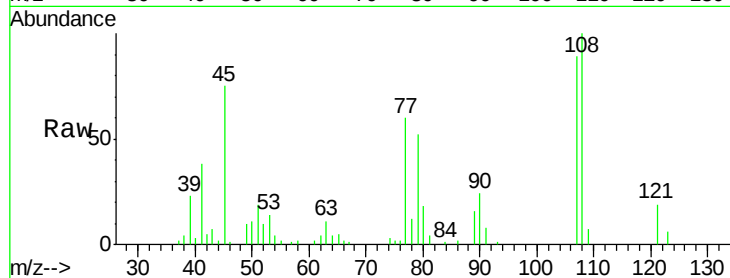
Ion Ratio Lower Upper

107 100

108 112.6 89.7 134.5

77 68.1 50.1 75.1

79 58.4 45.0 67.6

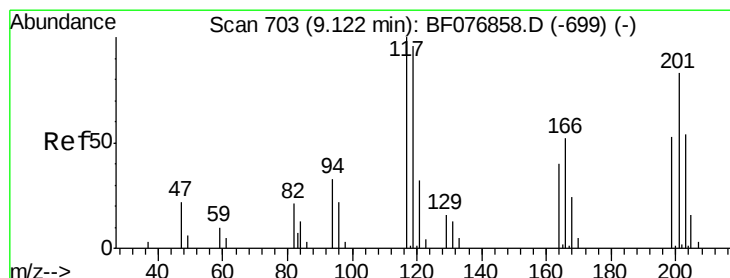
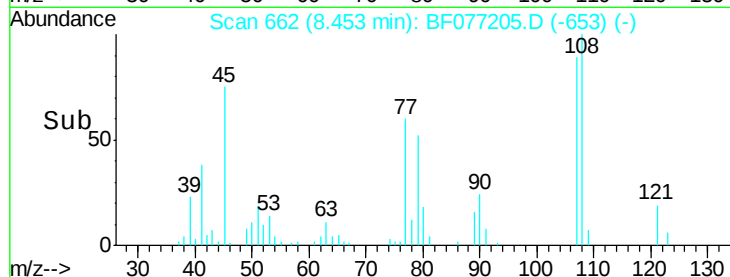
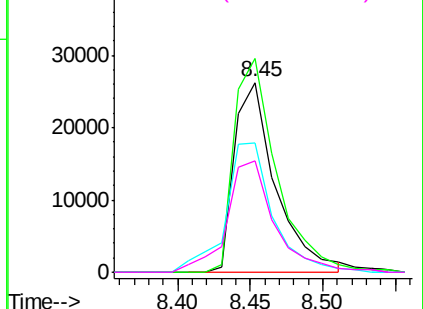


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.02 ng

RT: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

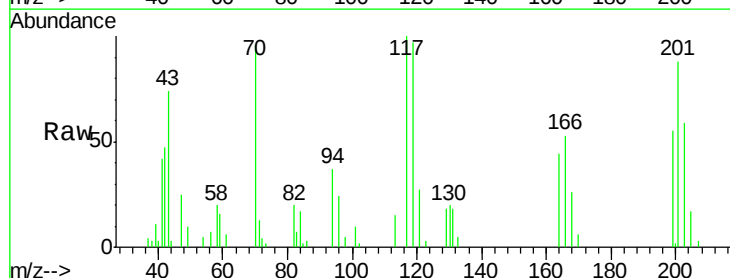
Tgt Ion:117 Resp: 27444

Ion Ratio Lower Upper

117 100

119 97.2 77.1 115.7

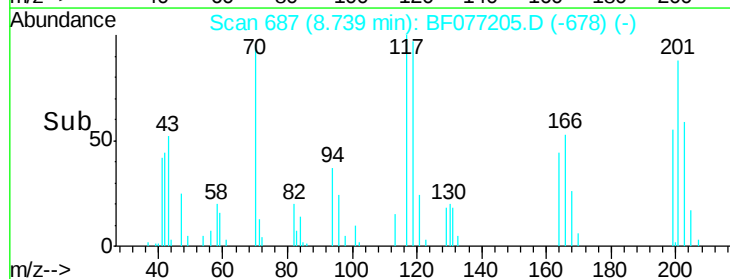
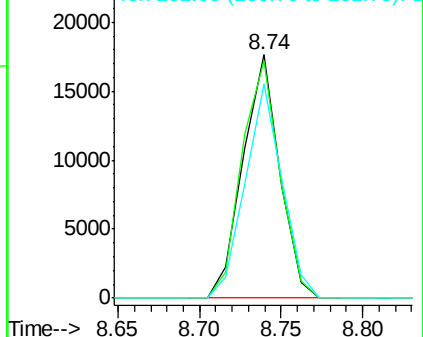
201 87.8 66.8 100.2

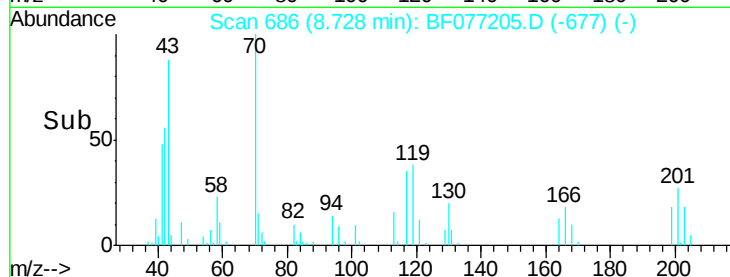
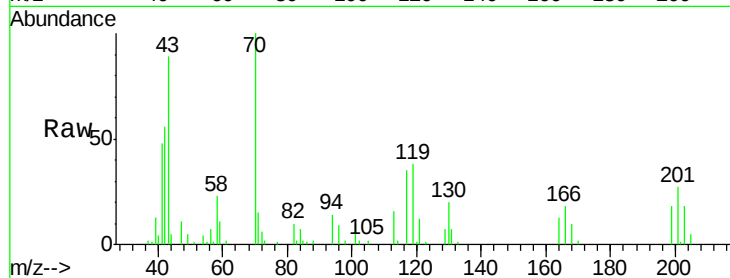
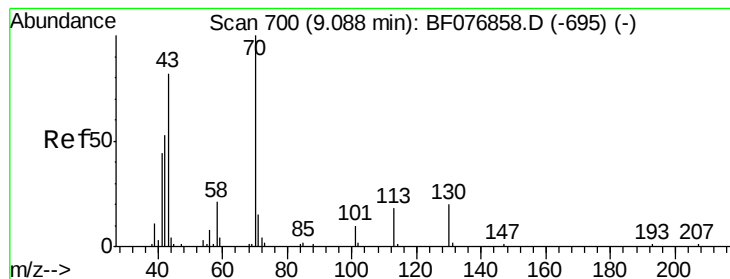


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.05 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

Tot Ion: 70 Resp: 50143

Ion Ratio Lower Upper

70 100

42 56.3 42.1 63.1

101 10.0 7.8 11.8

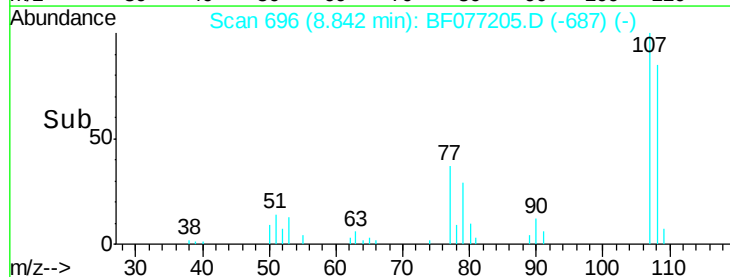
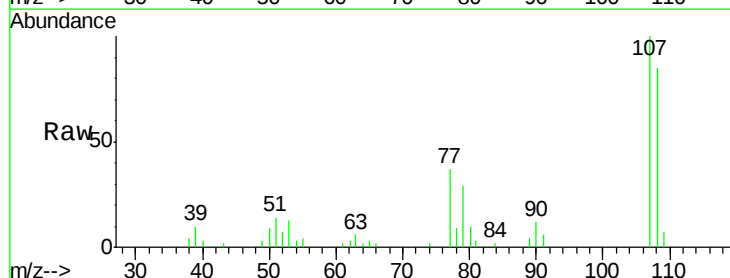
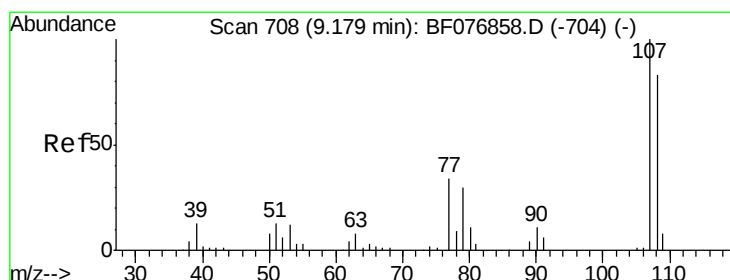
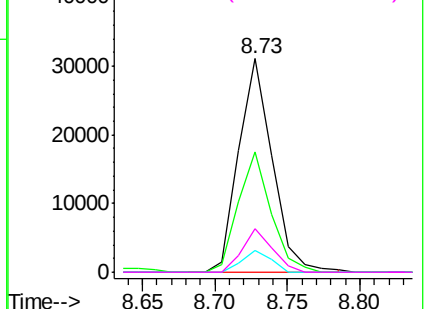
130 20.2 16.2 24.4

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: 27.86 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Tgt Ion: 107 Resp: 61576

Ion Ratio Lower Upper

107 100

108 85.4 63.5 103.5

77 36.7 14.0 54.0

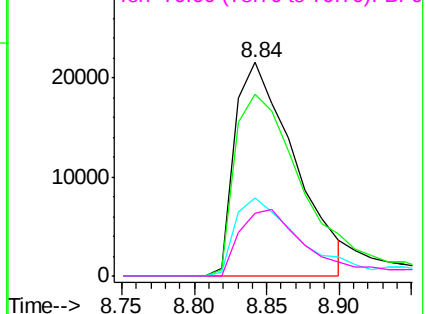
79 29.4 9.9 49.9

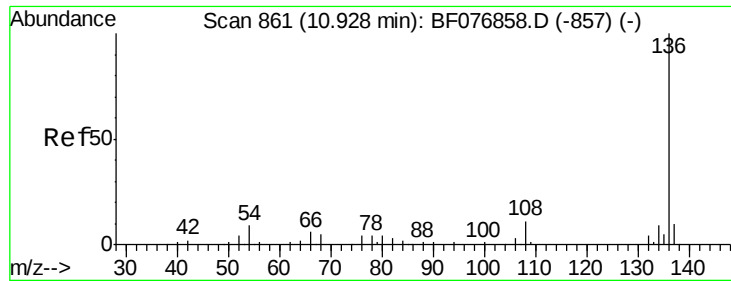
Abundance Ion 107.00 (106.70 to 107.70): E

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

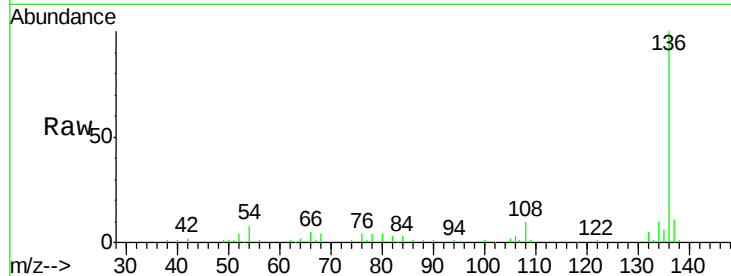




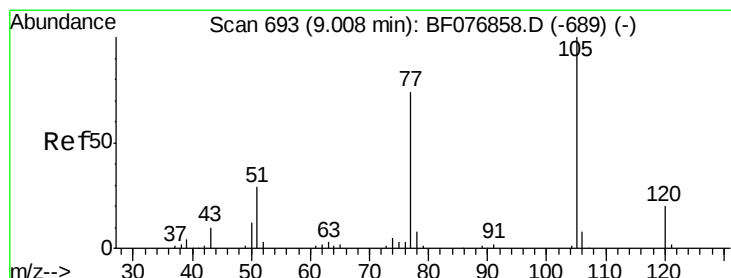
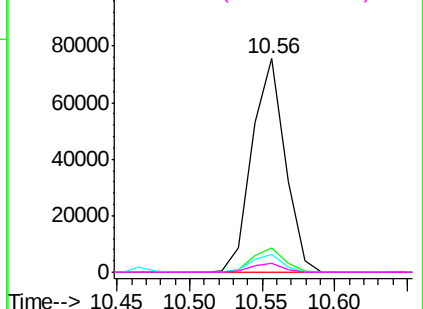
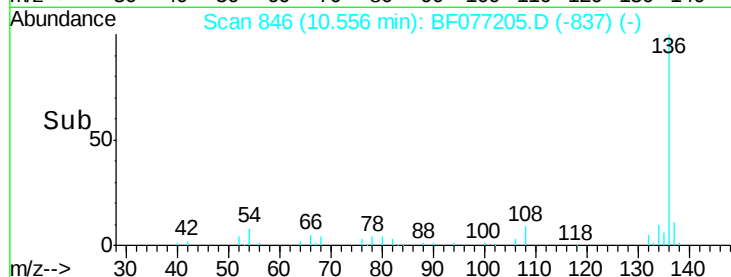
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tot Ion:136	Resp:	119325
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.1 12.1
54	8.3	7.0 10.4
68	4.3	3.7 5.5

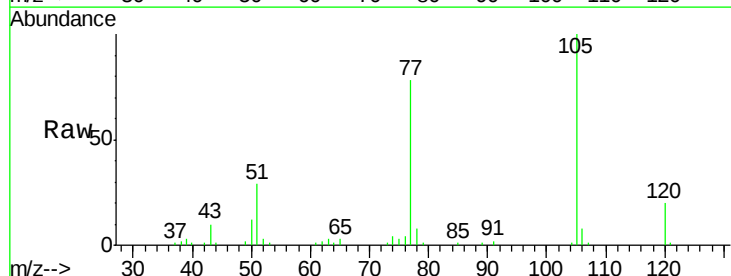


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

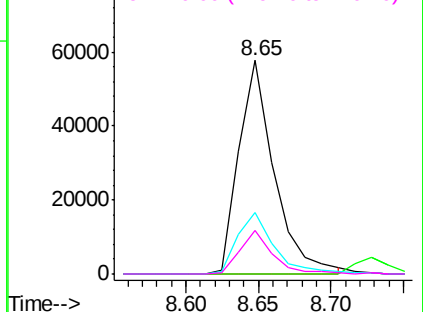
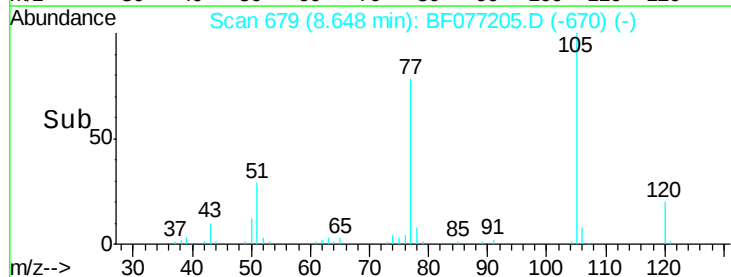


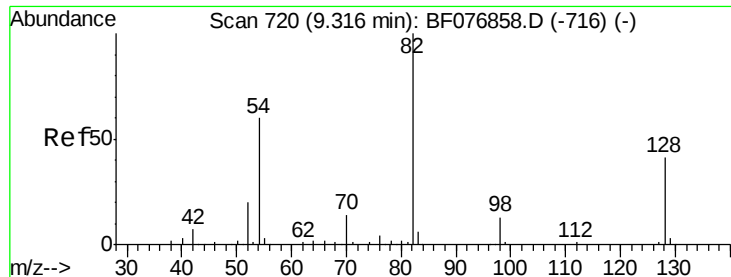
#22
Acetophenone
Concen: 33.44 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:105	Resp:	97733
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	29.0	23.3 34.9
120	20.4	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

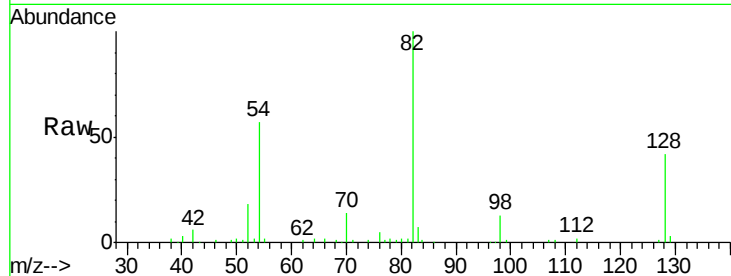




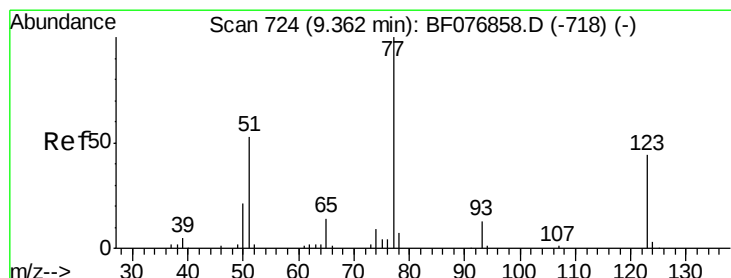
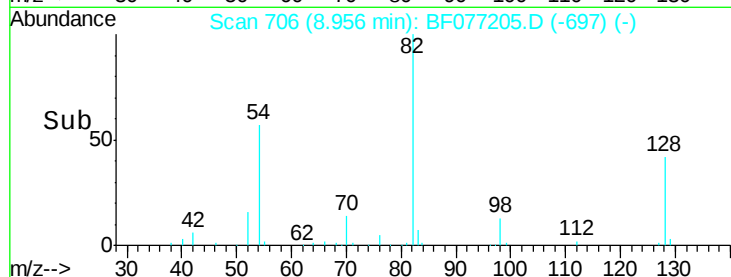
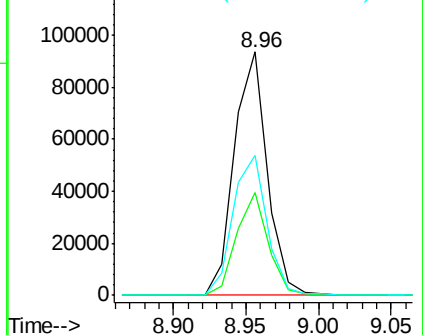
#23
 Nitrobenzene-d5
 Concen: 68.47 ng
 RT: 8.96 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tot Ion: 82 Resp: 147472
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.1 49.7
 54 57.5 48.3 72.5

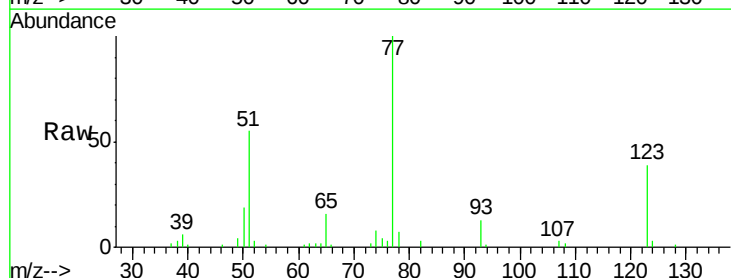


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

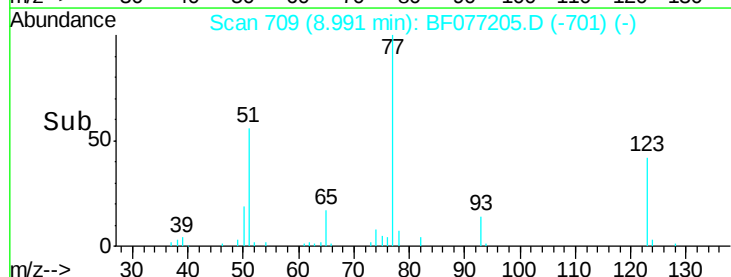
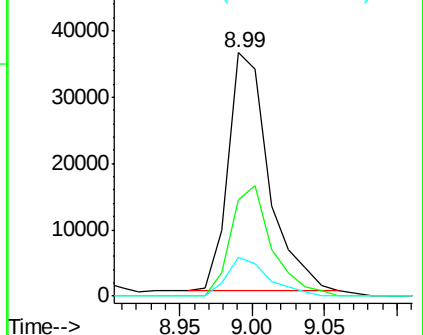


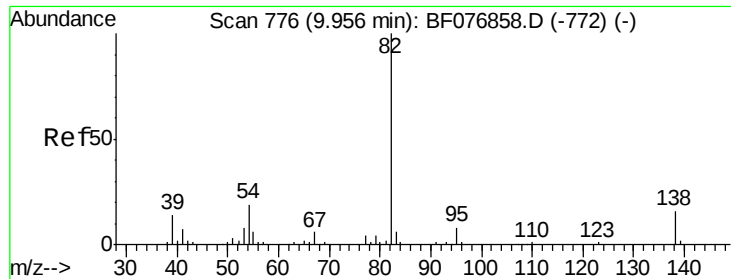
#24
 Nitrobenzene
 Concen: 31.98 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion: 77 Resp: 70163
 Ion Ratio Lower Upper
 77 100
 123 39.4 35.2 52.8
 65 15.8 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.89 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

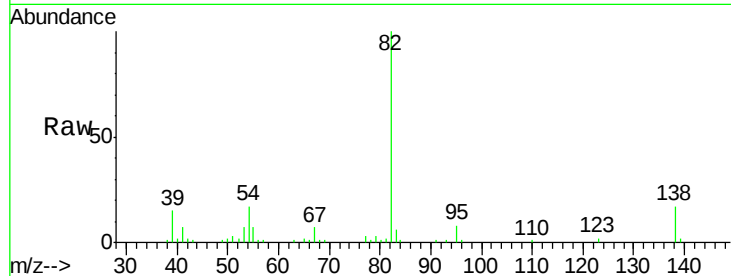
Tot Ion: 82 Resp: 132946

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

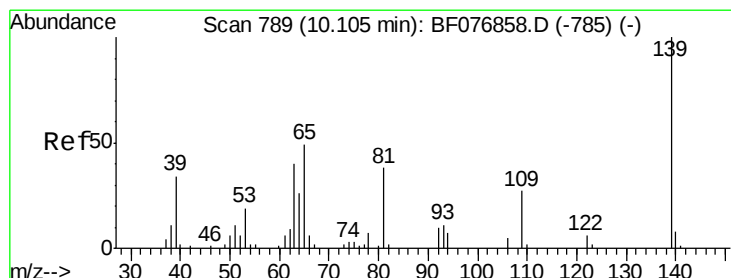
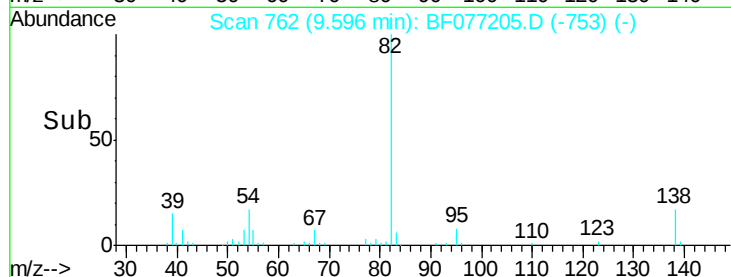
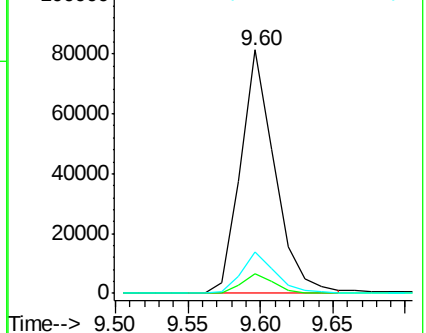
138 17.0 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 29.93 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

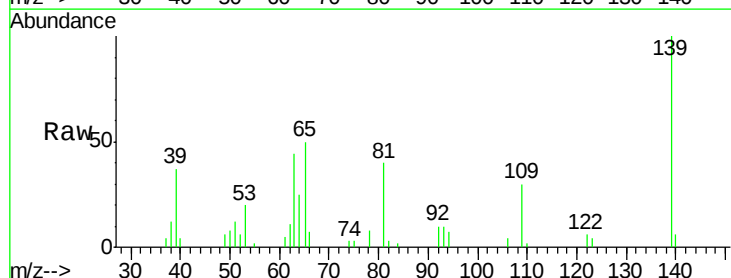
Tgt Ion: 139 Resp: 32857

Ion Ratio Lower Upper

139 100

109 29.8 21.3 31.9

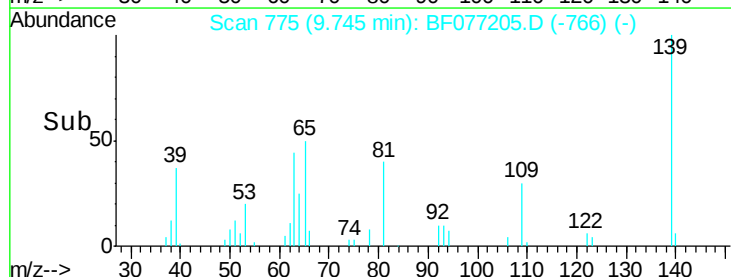
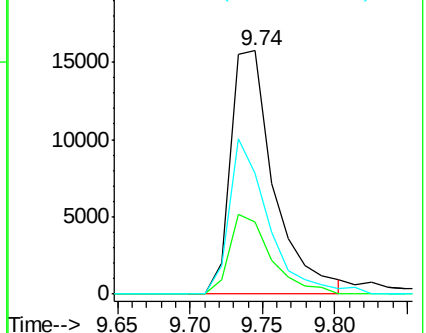
65 49.7 39.4 59.0

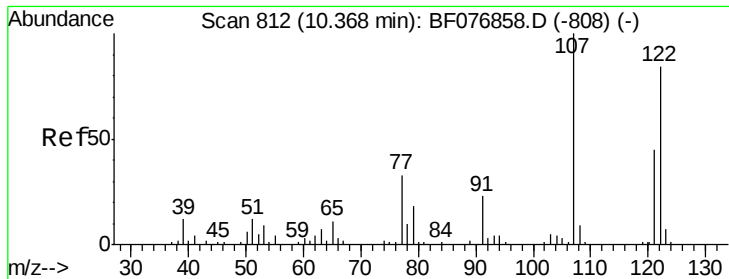


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

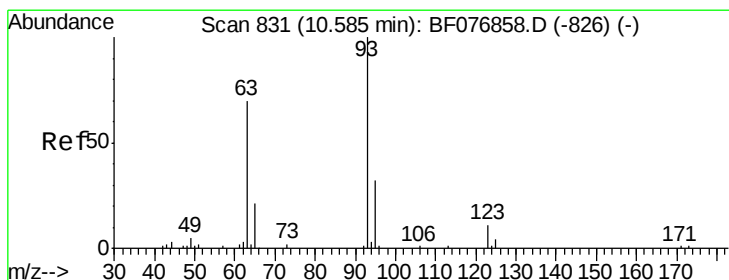
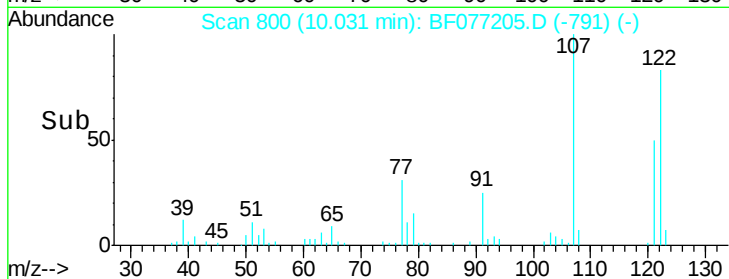
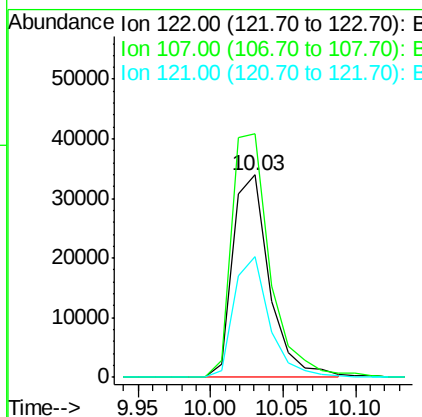
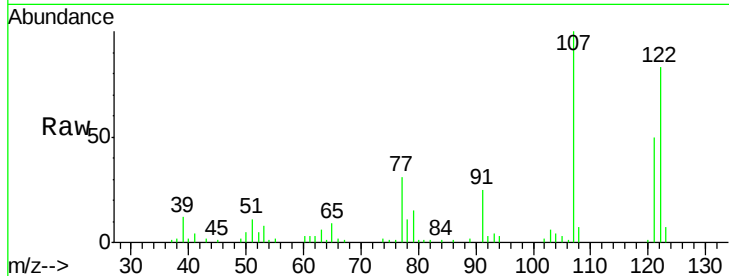




#27
 2,4-Dimethylphenol
 Concen: 35.29 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

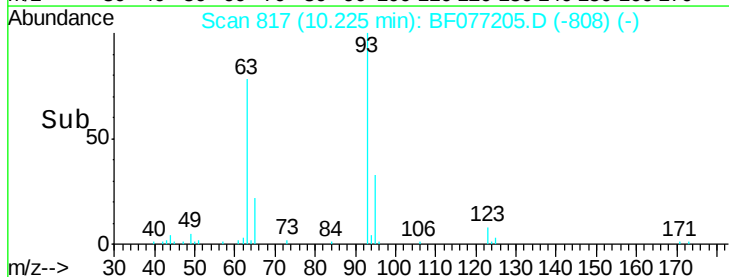
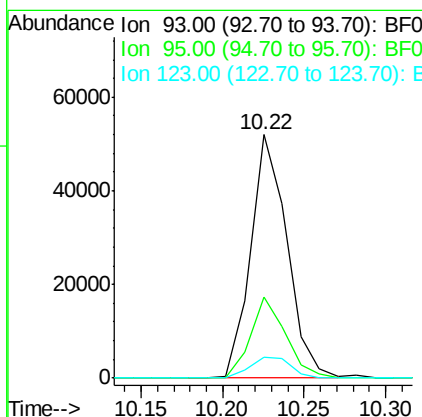
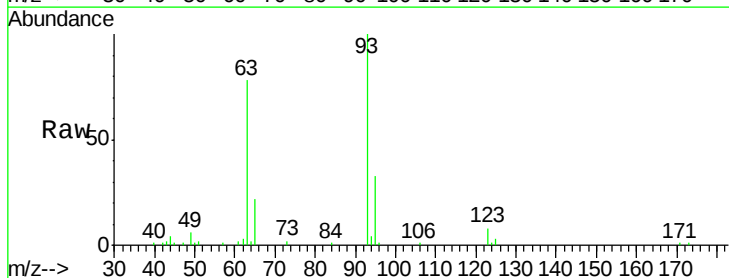
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

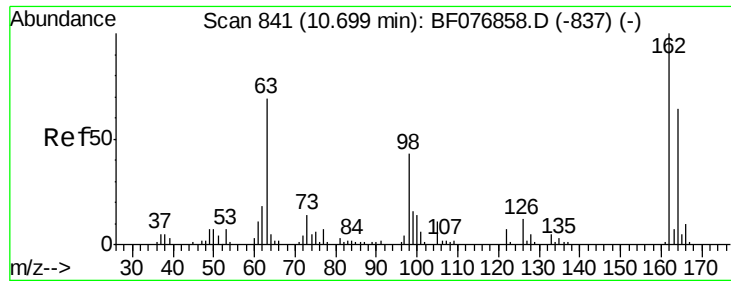
Tot Ion:122 Resp: 59868
 Ion Ratio Lower Upper
 122 100
 107 120.4 95.2 142.8
 121 59.9 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.11 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion: 93 Resp: 80496
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.6 38.4
 123 8.3 8.9 13.3#

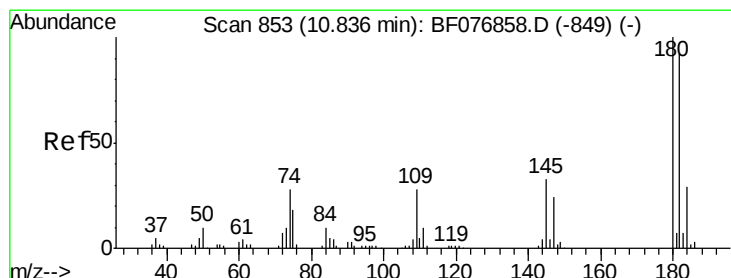
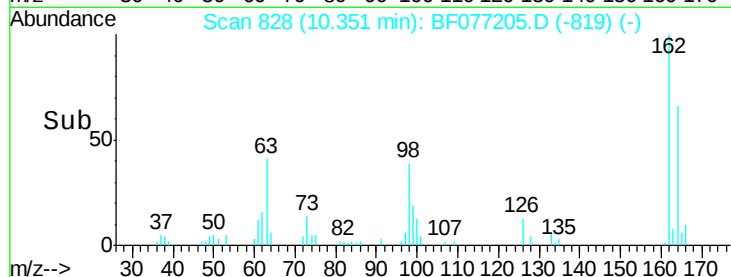
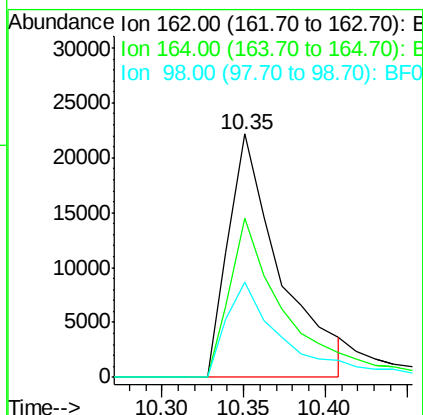
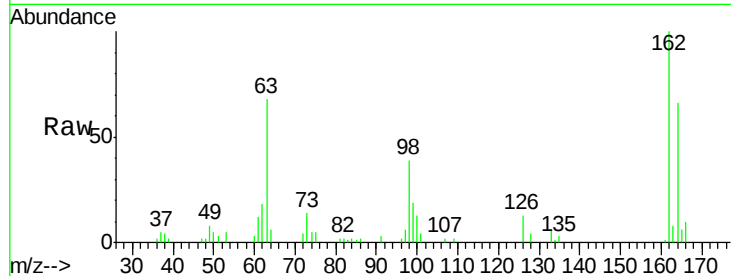




#29
 2,4-Dichlorophenol
 Concen: 30.94 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

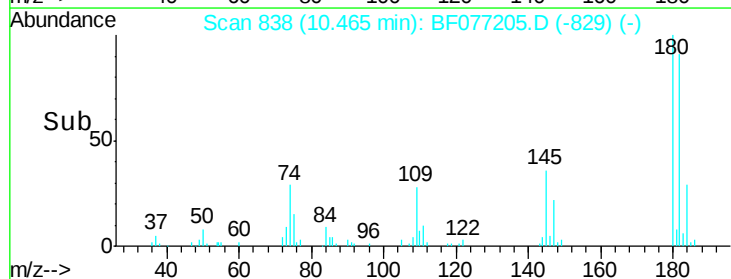
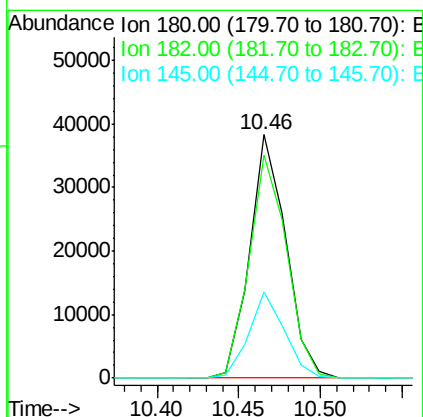
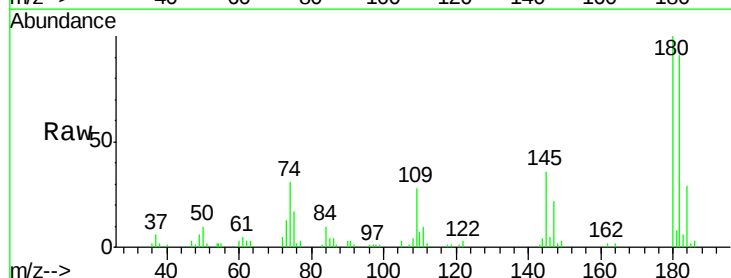
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

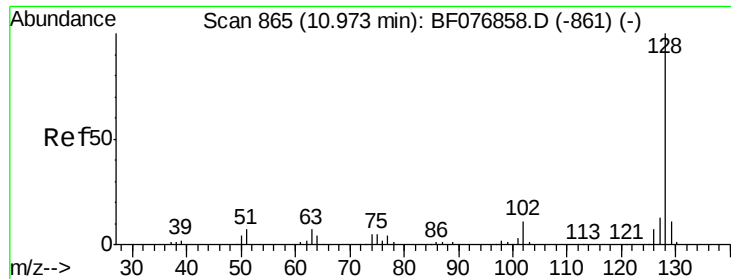
Tot Ion:162 Resp: 48928
 Ion Ratio Lower Upper
 162 100
 164 65.5 43.8 83.8
 98 38.9 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.69 ng
 RT: 10.46 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:180 Resp: 59169
 Ion Ratio Lower Upper
 180 100
 182 91.4 73.6 110.4
 145 35.6 26.6 39.8

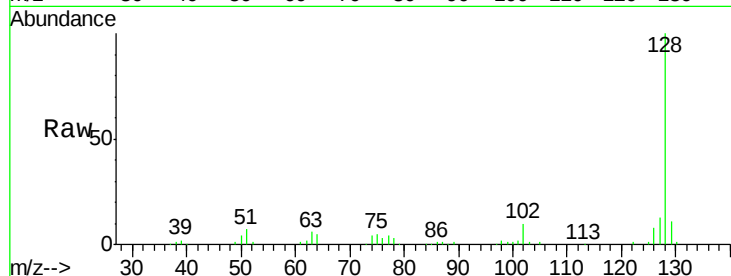




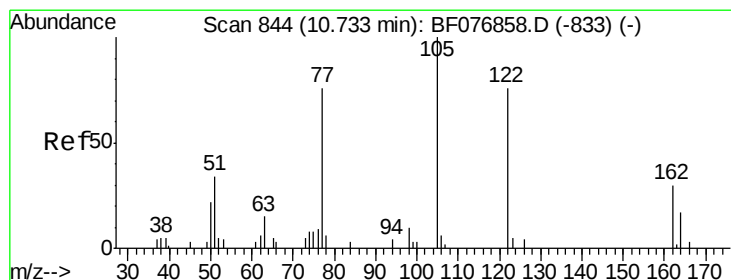
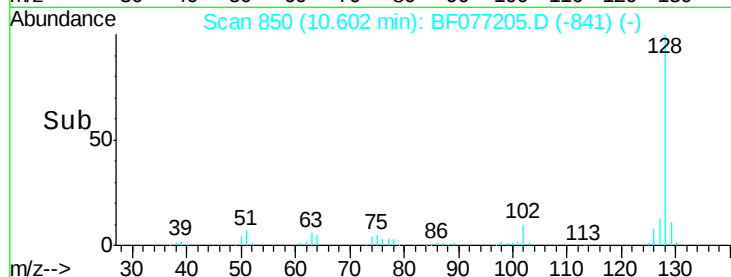
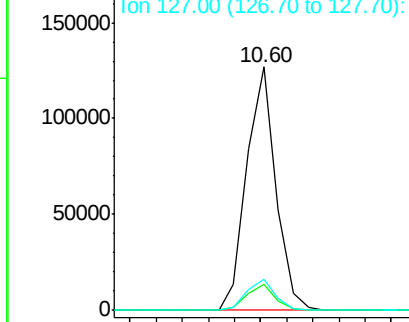
#31
Naphthalene
Concen: 32.23 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tot Ion:128 Resp: 198013
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.7 10.2 15.2

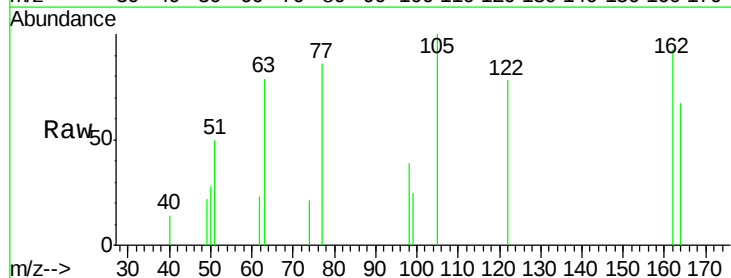


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

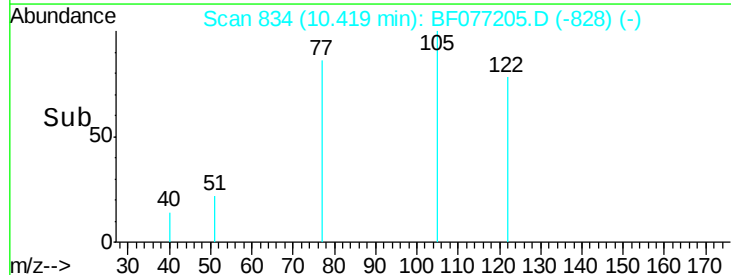
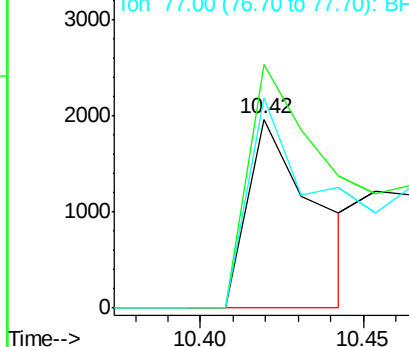


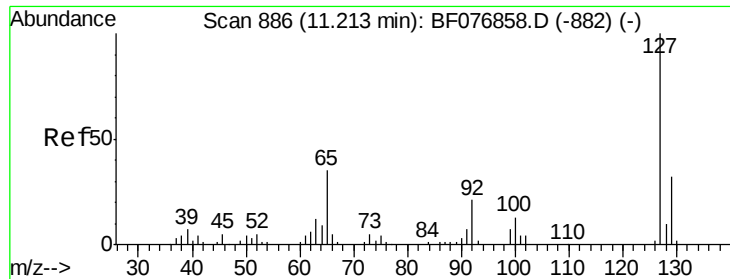
#32
Benzoic acid
Concen: 3.01 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:122 Resp: 2827
Ion Ratio Lower Upper
122 100
105 128.8 111.3 151.3
77 111.0 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

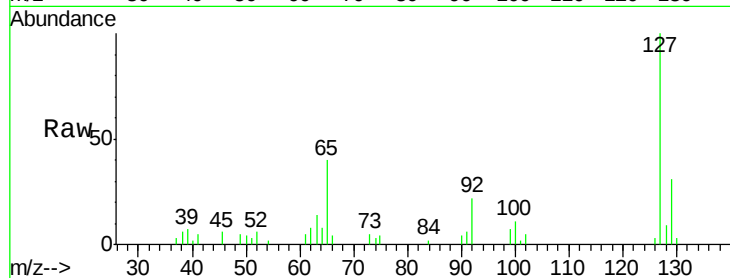




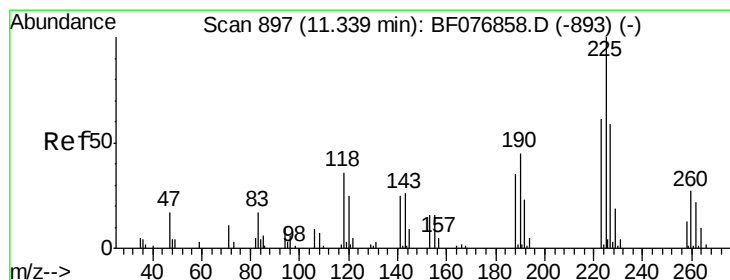
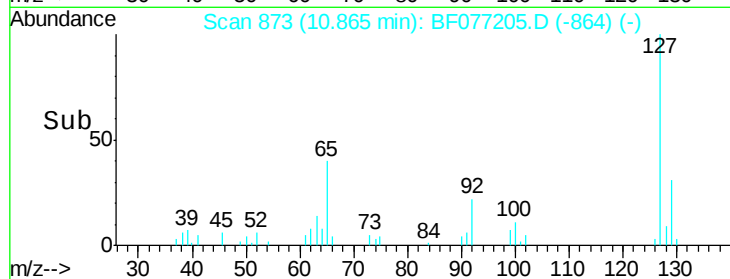
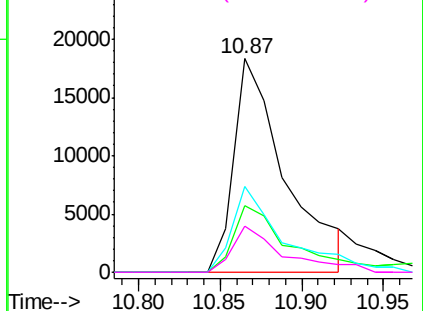
#33
4-Chloroaniline
Concen: 16.21 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tot Ion:127	Resp:	40246
Ion Ratio	Lower	Upper
127	100	
129	31.3	25.3 37.9
65	40.0	27.8 41.6
92	21.9	16.5 24.7

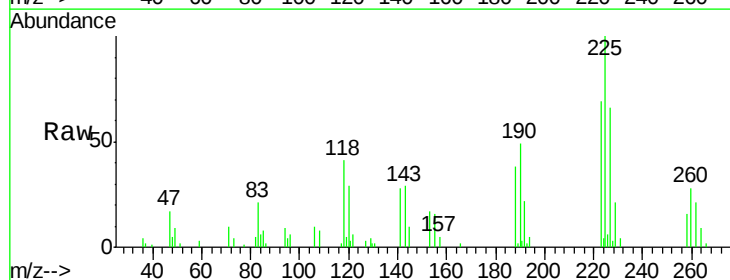


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

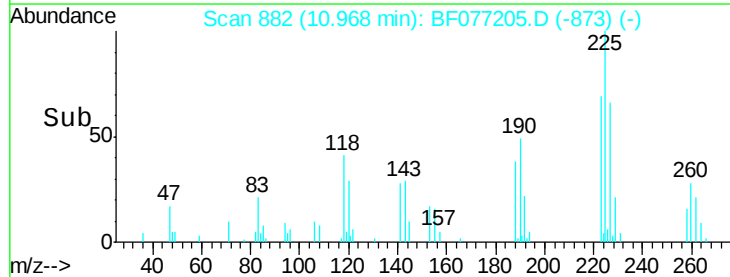
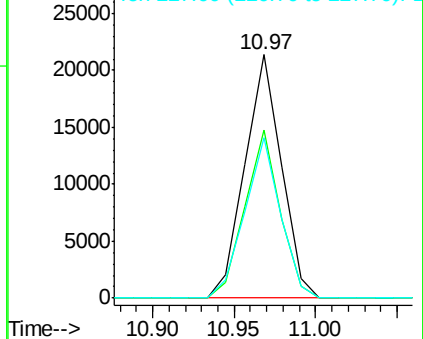


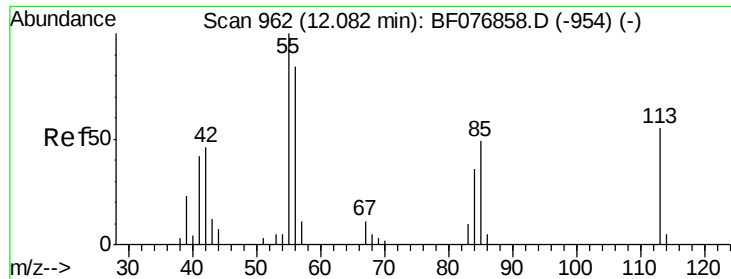
#34
Hexachlorobutadiene
Concen: 31.87 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:225	Resp:	33211
Ion Ratio	Lower	Upper
225	100	
223	69.1	49.1 73.7
227	65.9	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

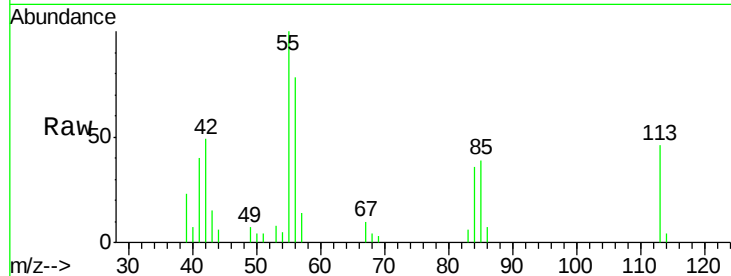




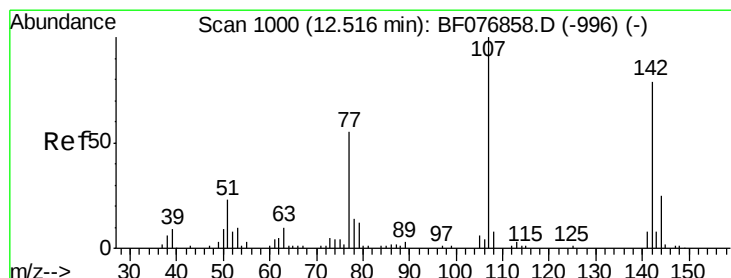
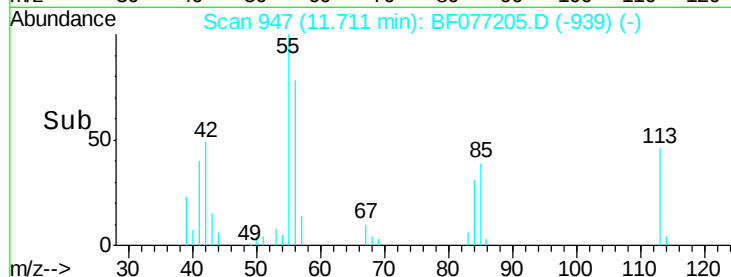
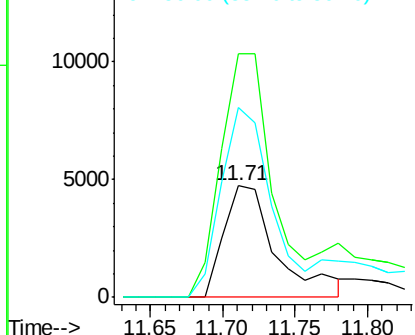
#35
 Caprolactam
 Concen: 25.79 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tot Ion:113 Resp: 12005
 Ion Ratio Lower Upper
 113 100
 55 218.6 162.1 202.1#
 56 170.5 133.7 173.7

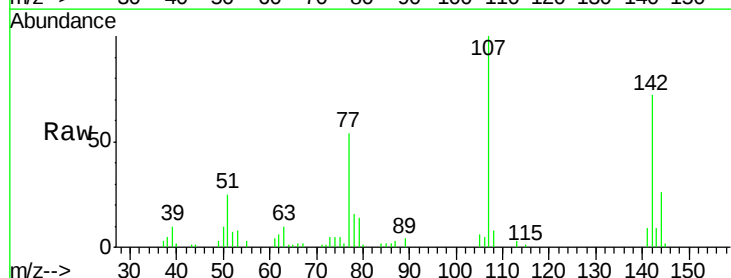


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

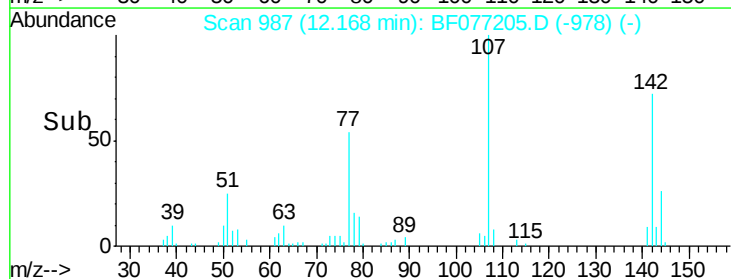
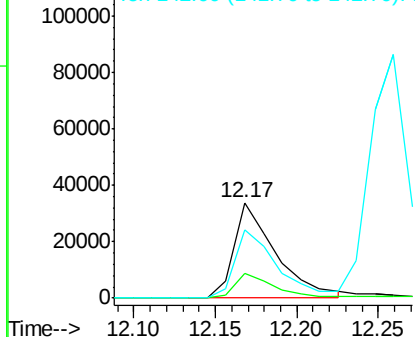


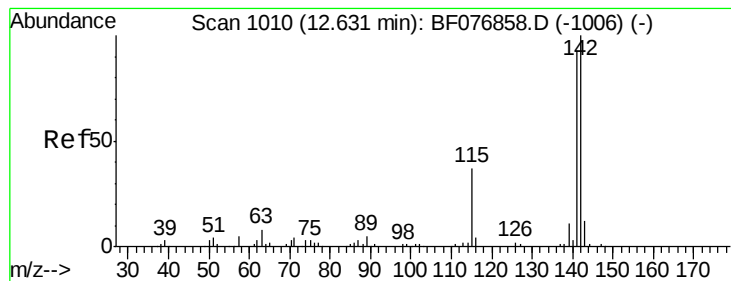
#36
 4-Chloro-3-methylphenol
 Concen: 33.00 ng
 RT: 12.17 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:107 Resp: 59746
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 72.2 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: 33.42 ng

RT: 12.26 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

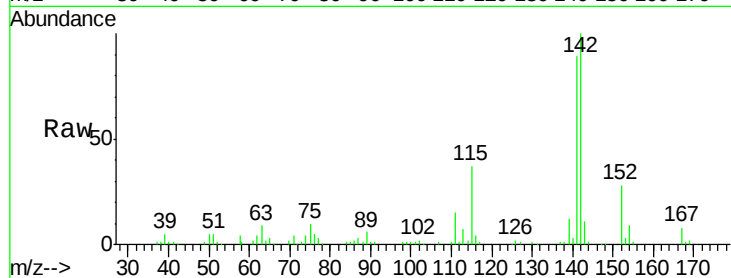
Tot Ion:142 Resp: 140222

Ion Ratio Lower Upper

142 100

141 89.1 74.5 111.7

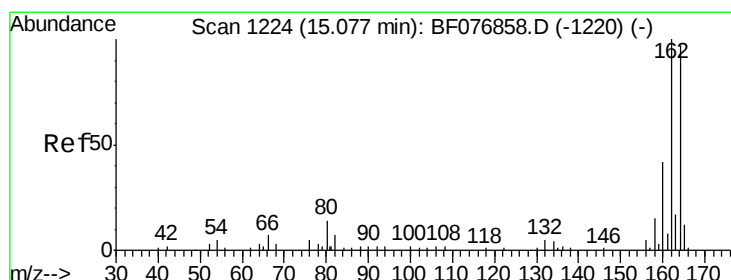
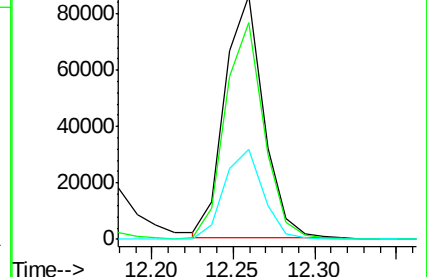
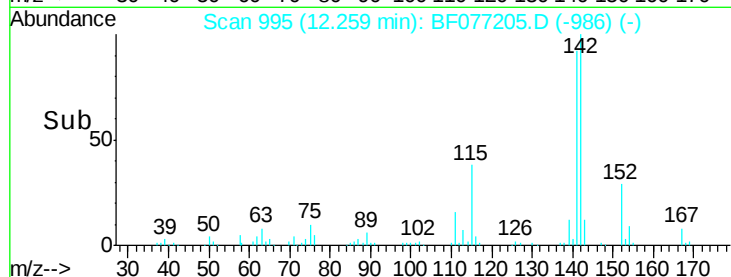
115 37.0 29.7 44.5



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: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

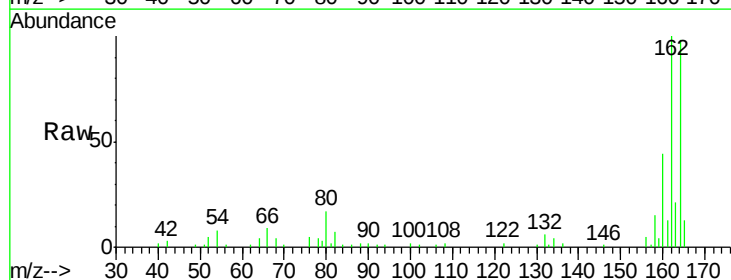
Tgt Ion:164 Resp: 59828

Ion Ratio Lower Upper

164 100

162 102.0 82.4 123.6

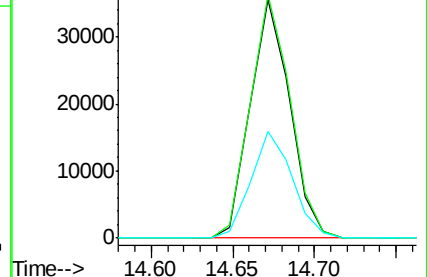
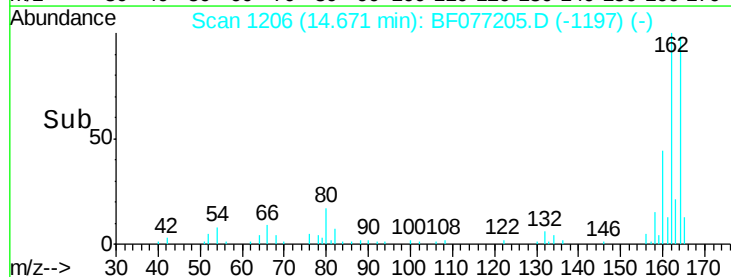
160 44.6 34.8 52.2

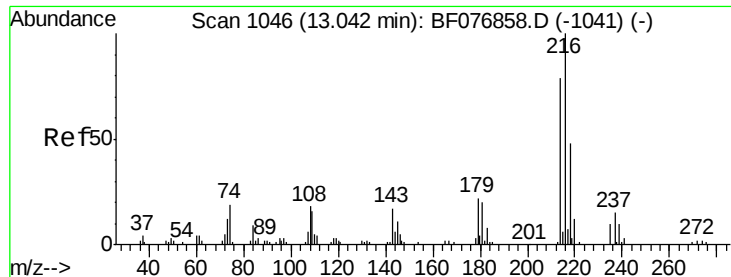


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

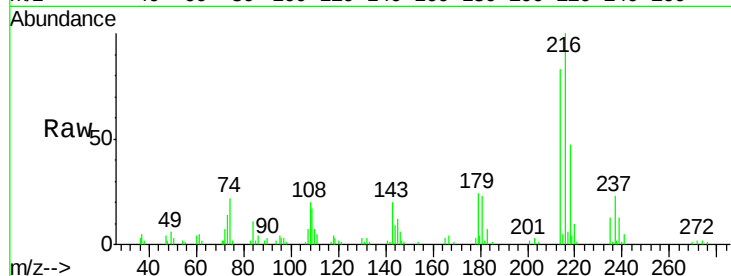




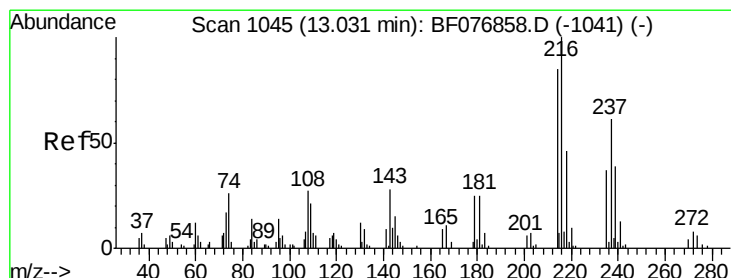
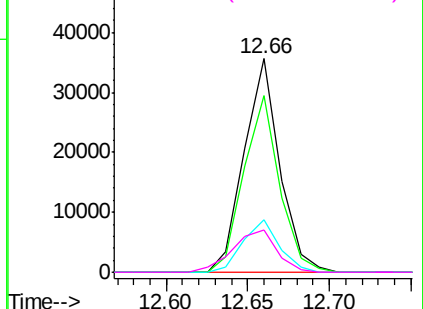
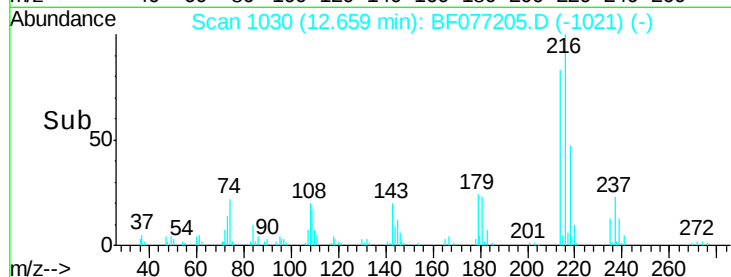
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.47 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tot Ion:216	Resp:	53949
Ion	Ratio	Lower Upper
216	100	
214	82.8	64.9 97.3
179	24.9	18.6 28.0
108	24.7	18.1 27.1

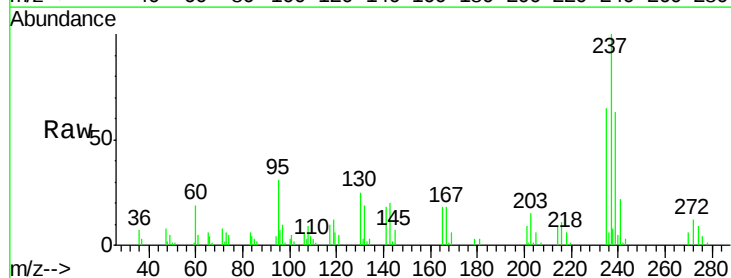


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

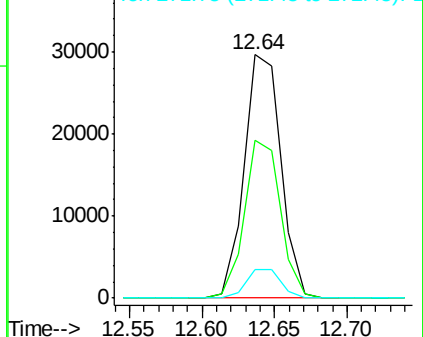
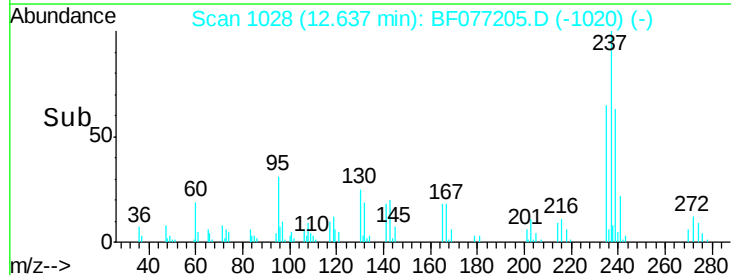


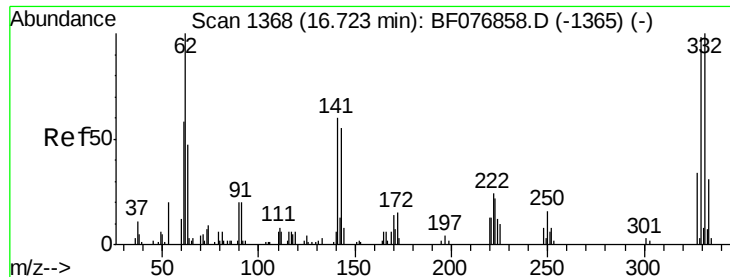
#40
 Hexachlorocyclopentadiene
 Concen: 66.13 ng
 RT: 12.64 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:237	Resp:	51983
Ion	Ratio	Lower Upper
237	100	
235	64.6	40.4 80.4
272	11.7	0.0 33.2



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





#41

2,4,6-Tribromophenol

Concen: 124.57 ng

RT: 16.42 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

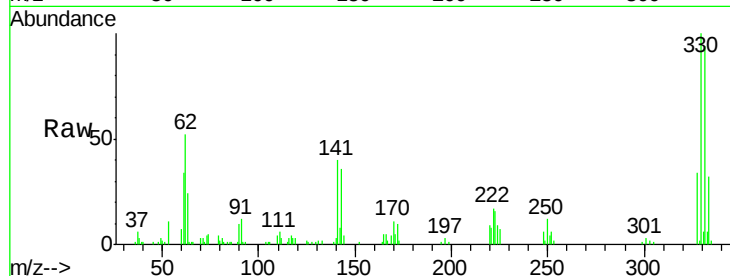
Tot Ion:330 Resp: 60497

Ion Ratio Lower Upper

330 100

332 95.0 77.8 116.6

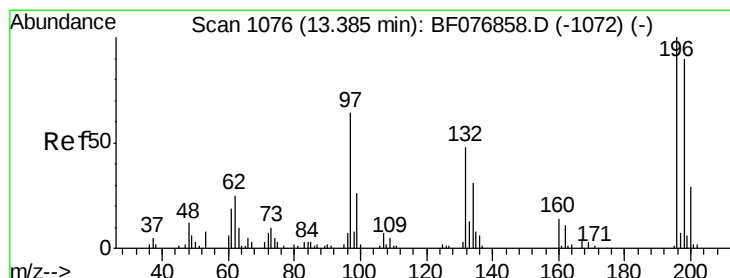
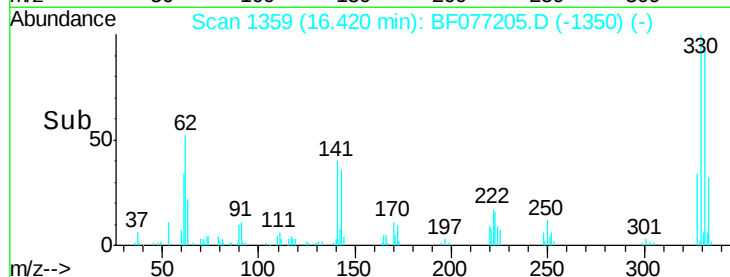
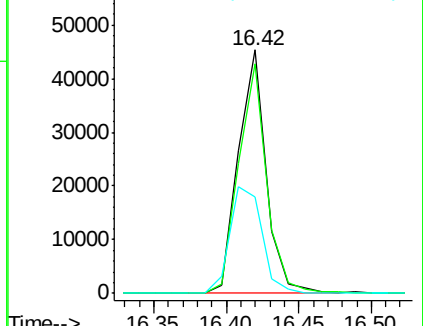
141 50.4 38.5 57.7



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: 33.39 ng

RT: 13.01 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

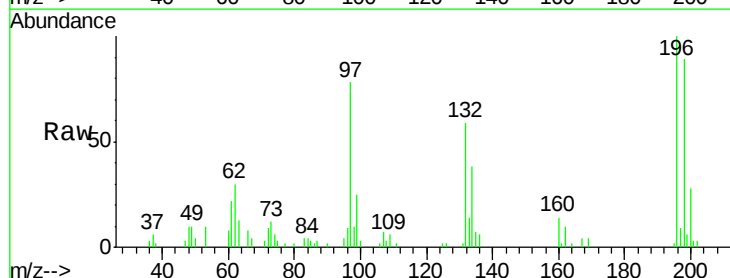
Tgt Ion:196 Resp: 35983

Ion Ratio Lower Upper

196 100

198 89.0 72.0 108.0

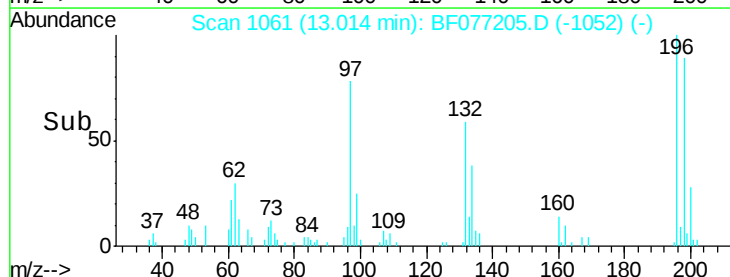
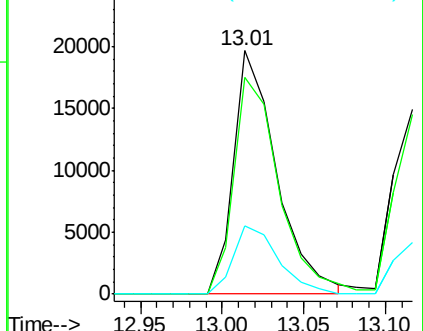
200 28.0 23.4 35.2

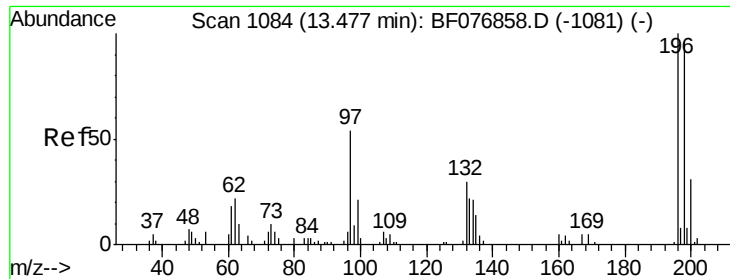


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

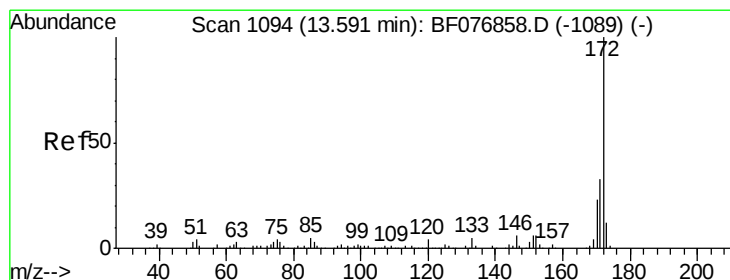
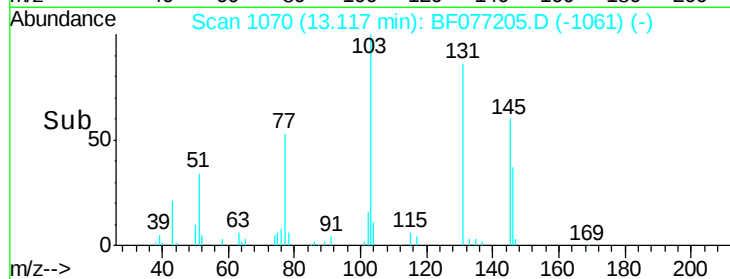
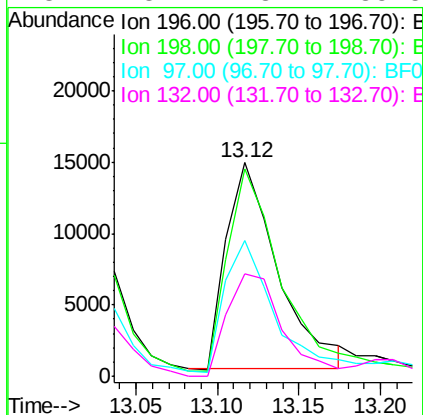
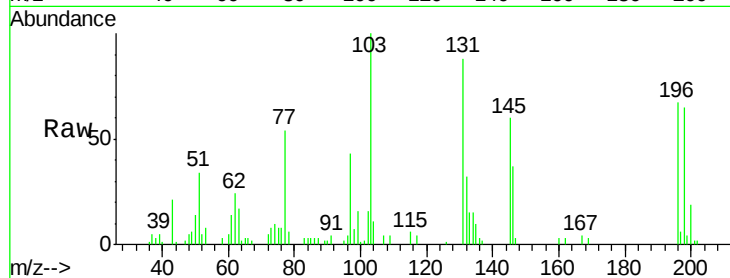




#43
 2,4,5-Trichlorophenol
 Concen: 29.00 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

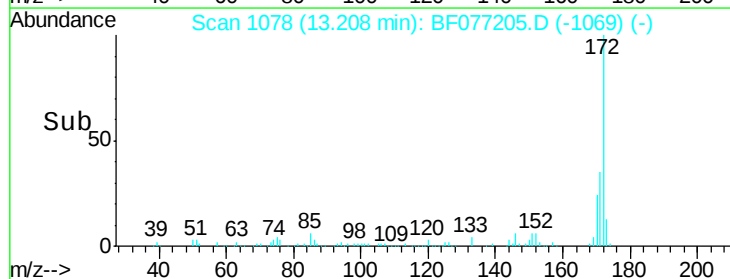
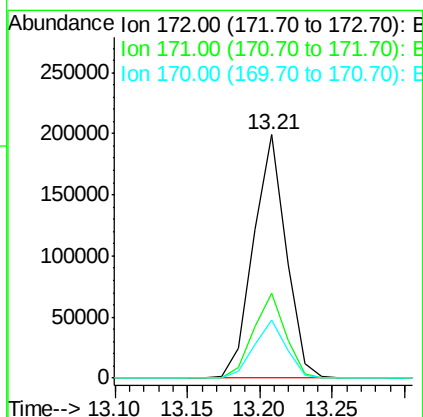
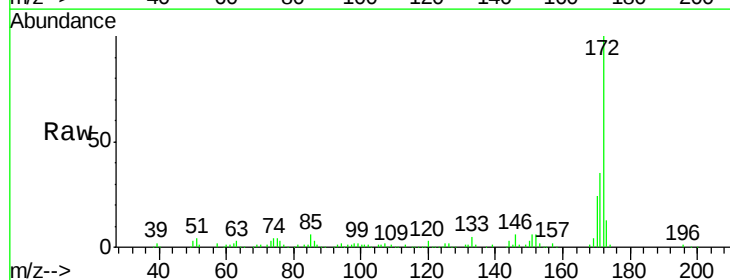
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

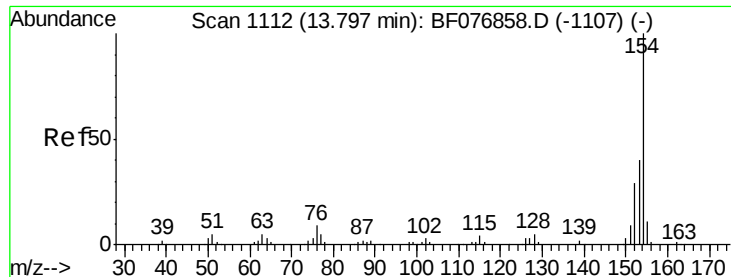
Tot Ion:196 Resp: 31874
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 97 63.8 43.4 65.0
 132 48.1 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 78.88 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:172 Resp: 310098
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.8 18.0 27.0

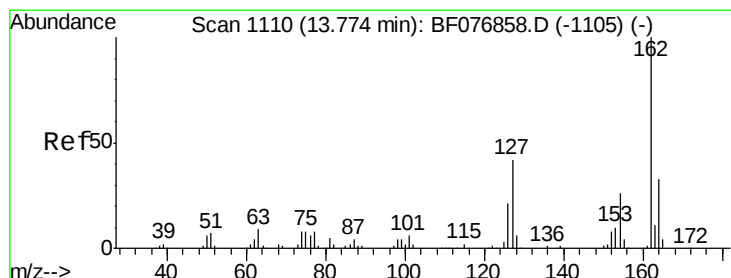
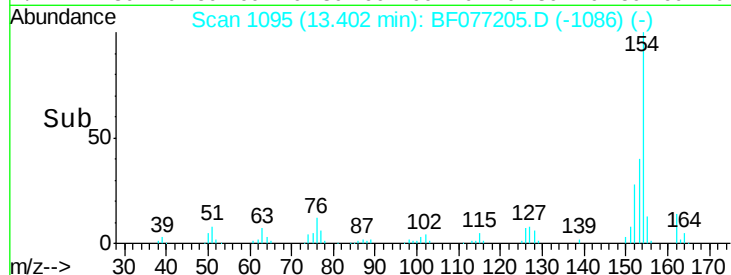
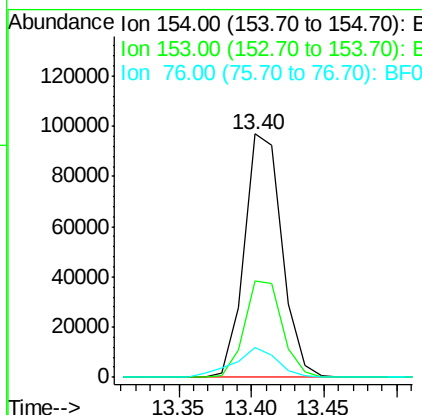
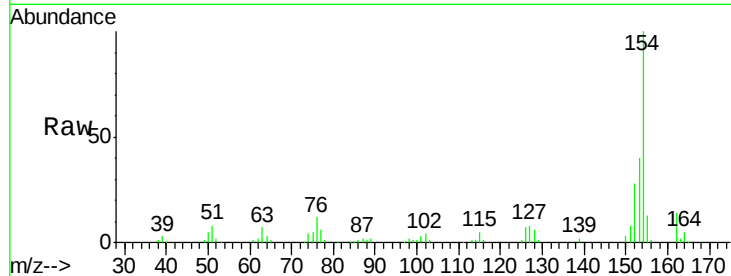




#45
 1,1'-Biphenyl
 Concen: 39.18 ng
 RT: 13.40 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

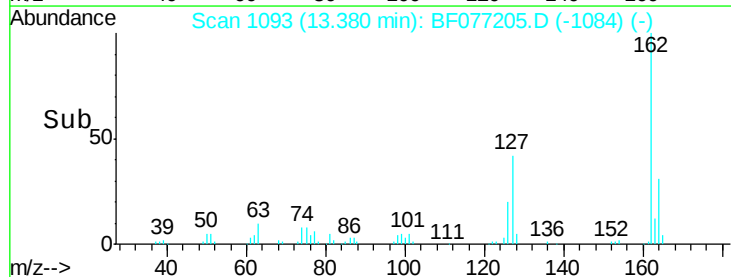
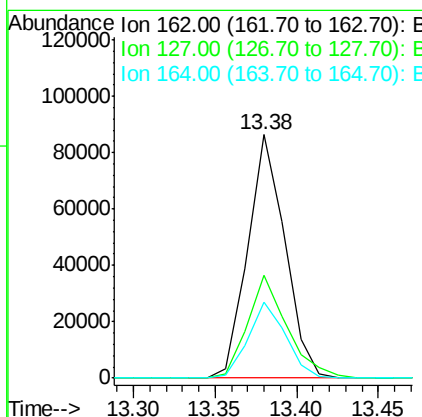
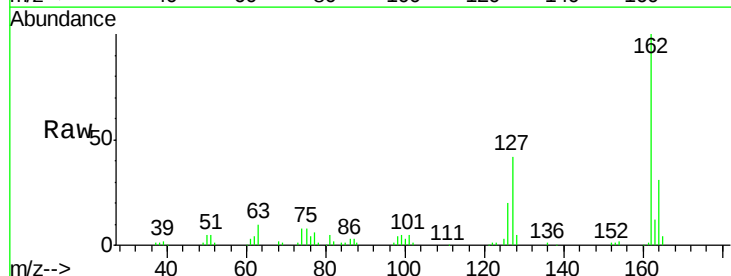
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

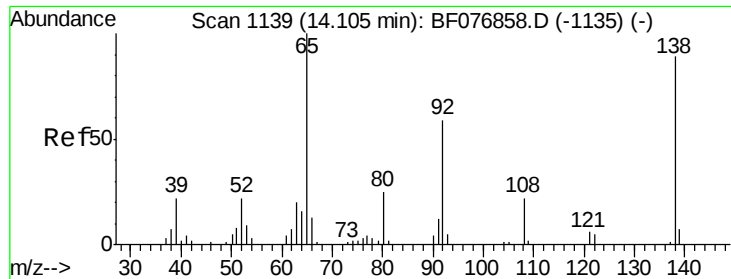
Tot Ion:154 Resp: 173774
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.2 60.2
 76 12.1 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 37.45 ng
 RT: 13.38 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:162 Resp: 136699
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.8 50.6
 164 31.3 26.8 40.2

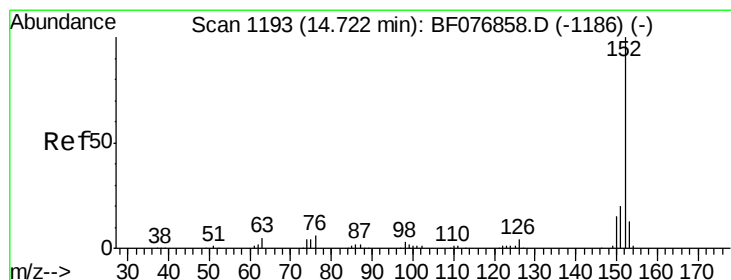
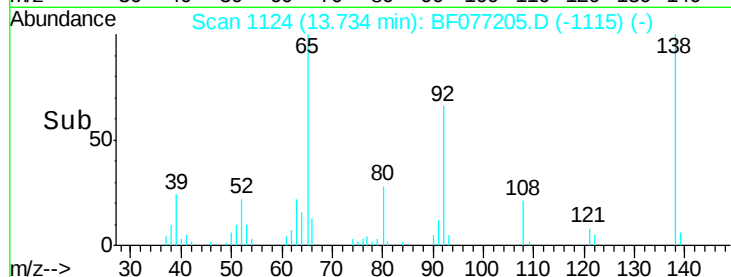
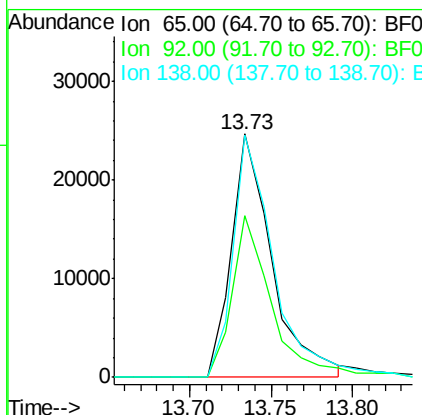
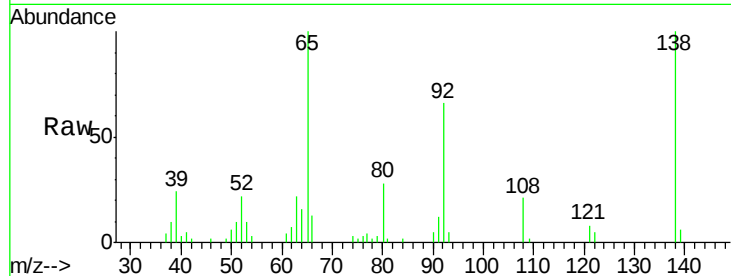




#47
2-Nitroaniline
Concen: 38.32 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

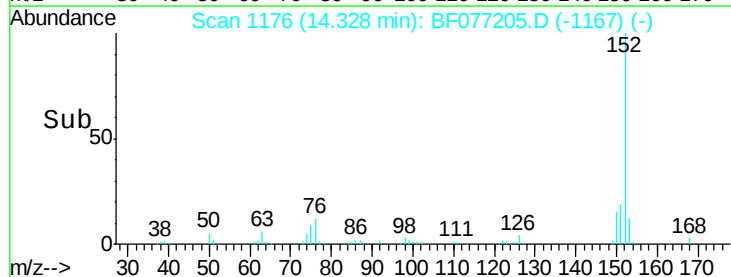
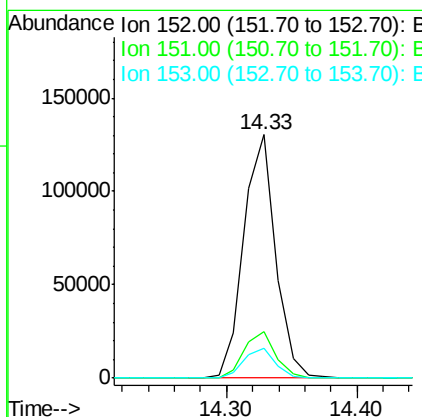
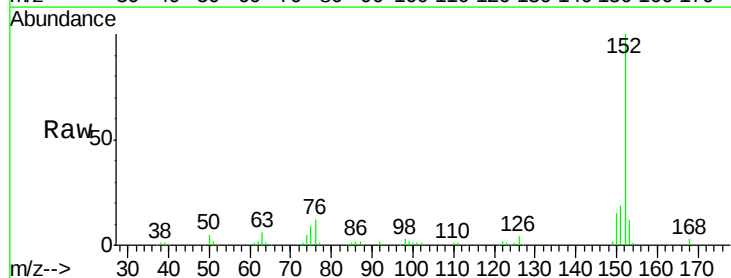
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

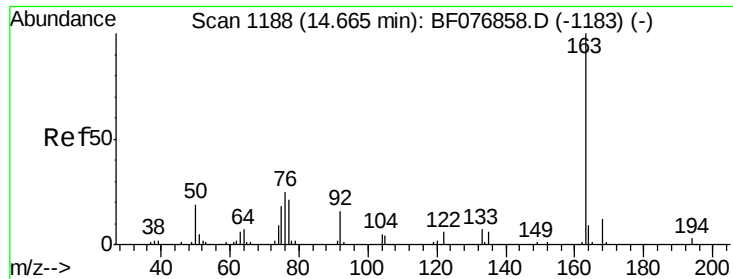
Tot Ion: 65 Resp: 42423
Ion Ratio Lower Upper
65 100
92 66.4 47.3 70.9
138 99.5 71.4 107.2



#48
Acenaphthylene
Concen: 35.94 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion: 152 Resp: 221290
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.3 10.2 15.4

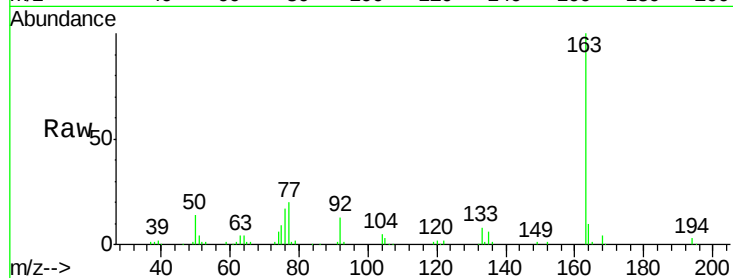




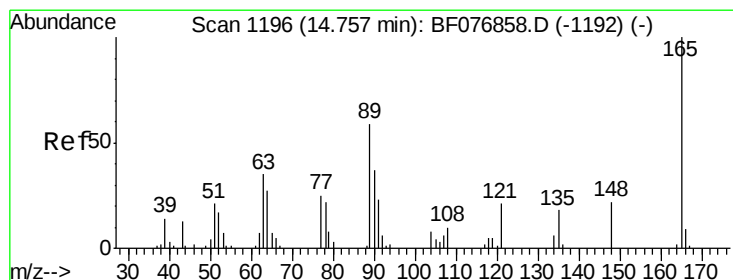
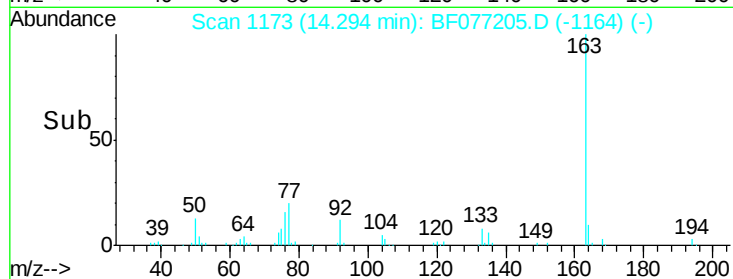
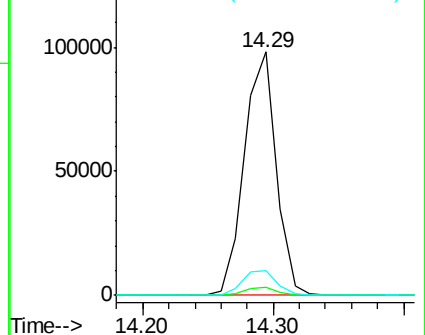
#49
Dimethylphthalate
Concen: 39.28 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tot Ion:163 Resp: 166651
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 7.5 11.3

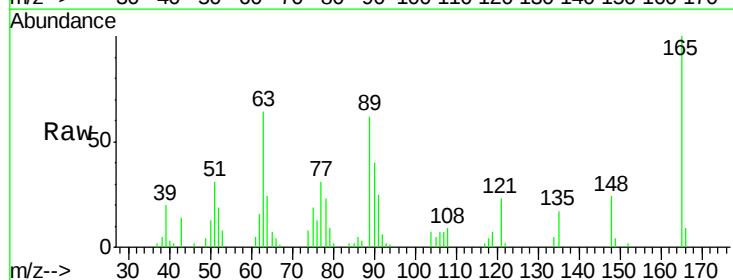


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

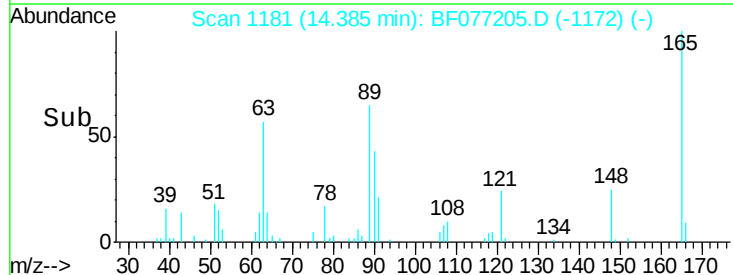
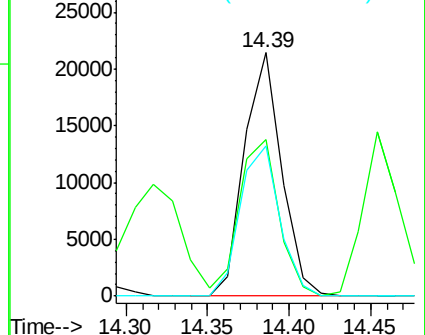


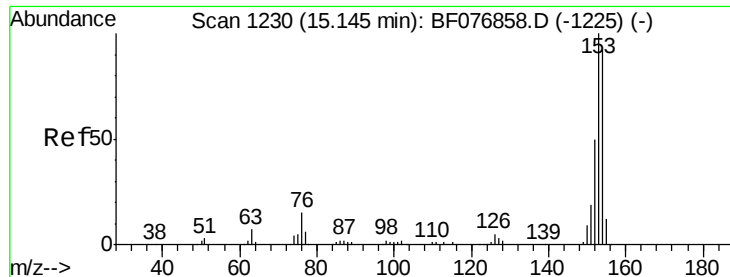
#50
2,6-Dinitrotoluene
Concen: 39.97 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:165 Resp: 33881
Ion Ratio Lower Upper
165 100
63 64.4 48.1 72.1
89 61.8 47.2 70.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.15 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

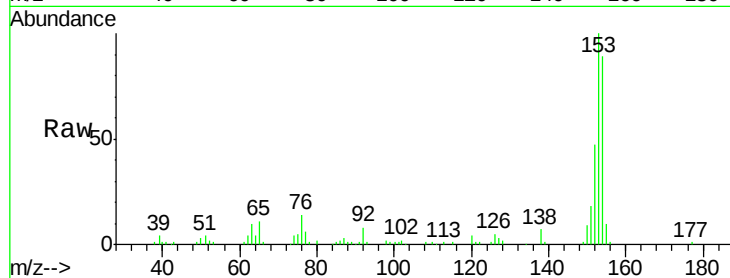
Tot Ion:154 Resp: 122772

Ion Ratio Lower Upper

154 100

153 112.8 87.0 130.6

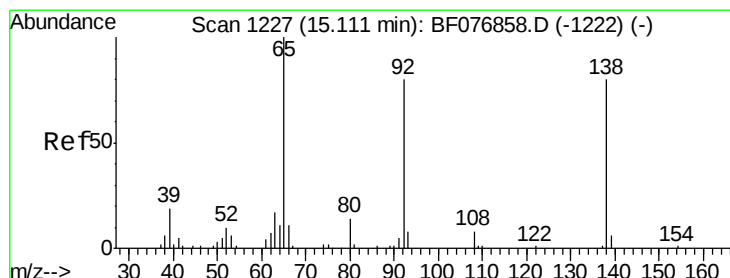
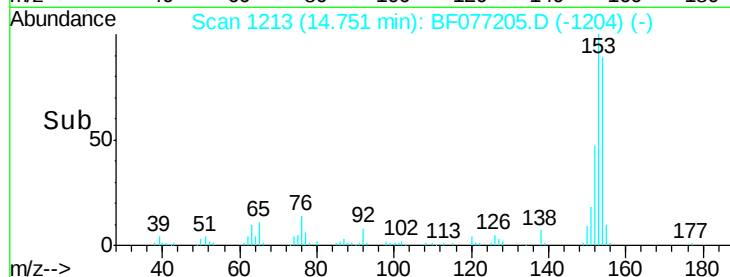
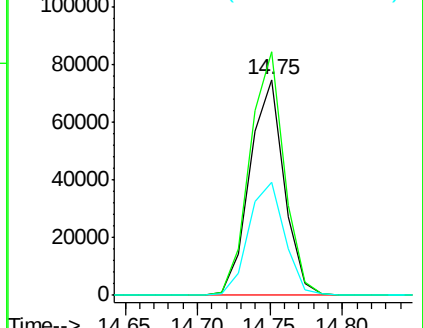
152 52.6 43.5 65.3



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: 23.80 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

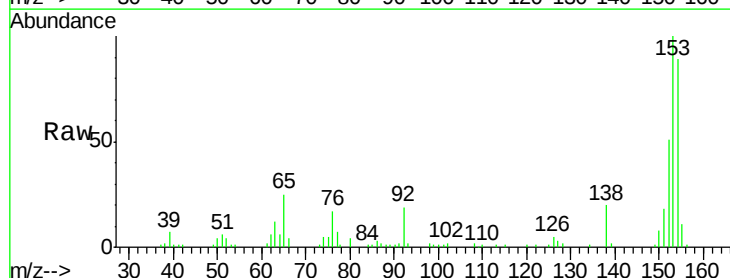
Tgt Ion:138 Resp: 25289

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

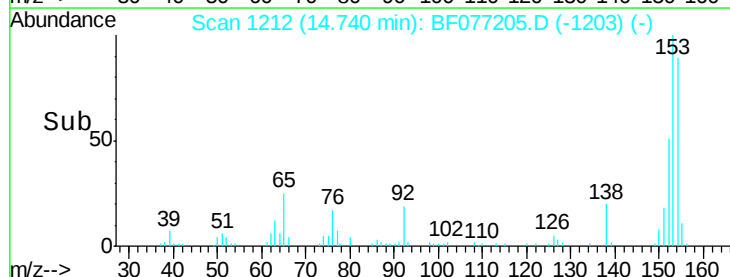
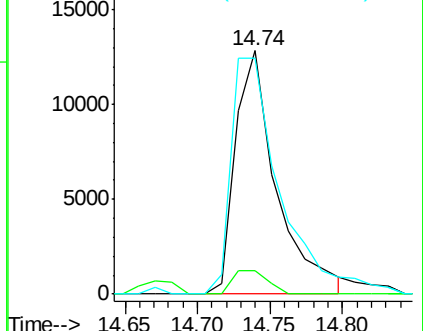
92 96.9 80.9 121.3

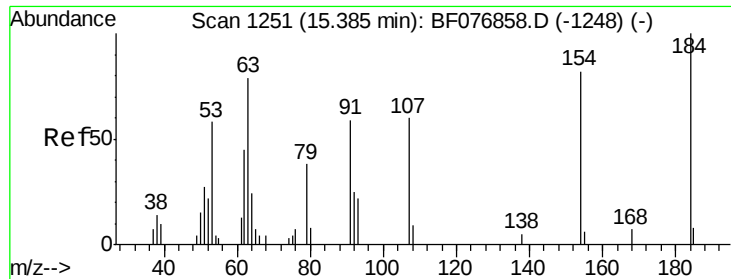


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

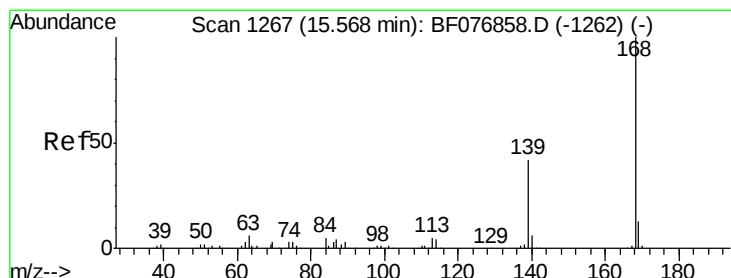
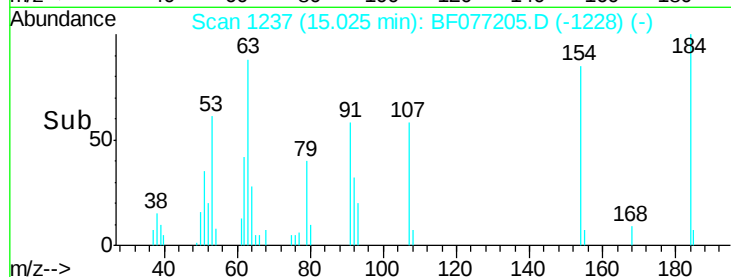
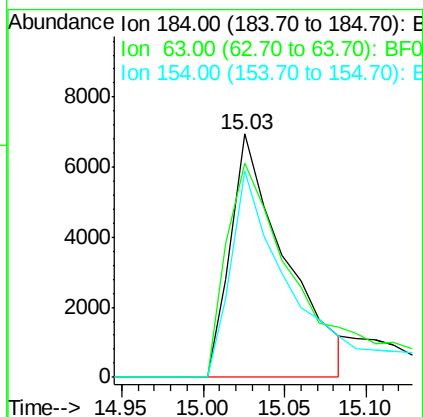
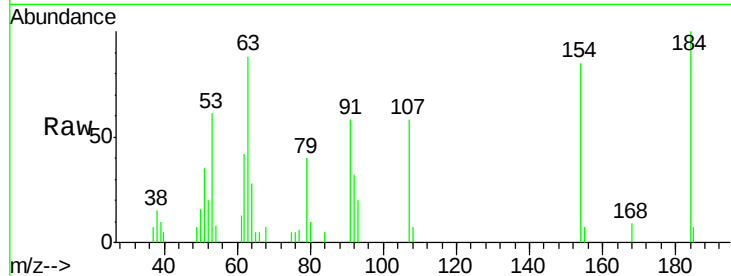




#53
 2,4-Dinitrophenol
 Concen: 46.55 ng
 RT: 15.03 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

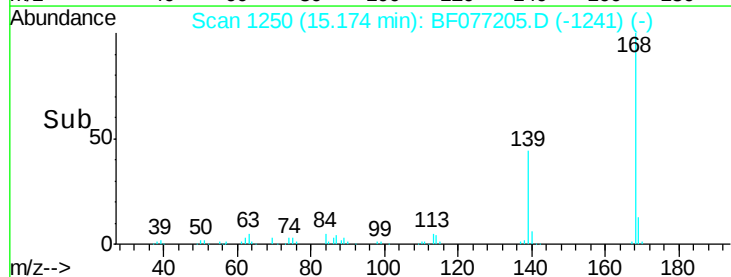
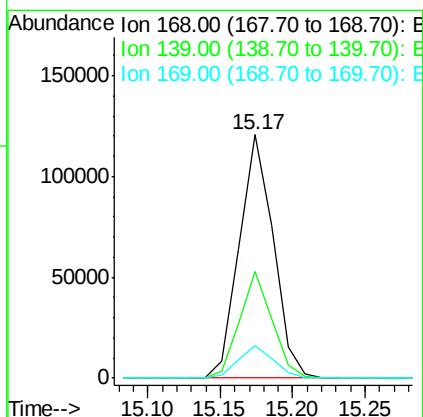
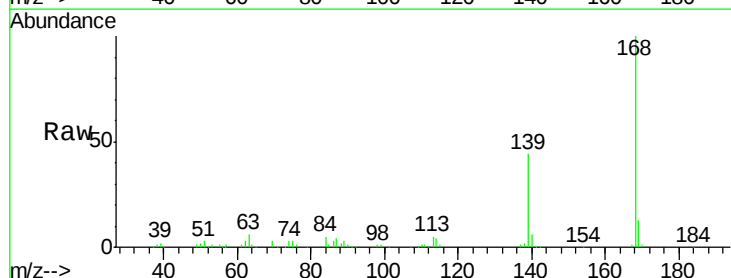
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

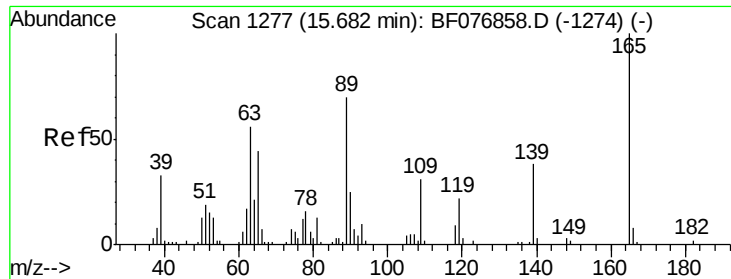
Tot Ion:184 Resp: 16224
 Ion Ratio Lower Upper
 184 100
 63 87.8 63.0 94.6
 154 84.6 65.5 98.3



#54
 Dibenzofuran
 Concen: 38.59 ng
 RT: 15.17 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:168 Resp: 196356
 Ion Ratio Lower Upper
 168 100
 139 43.9 33.4 50.2
 169 13.1 10.6 15.8

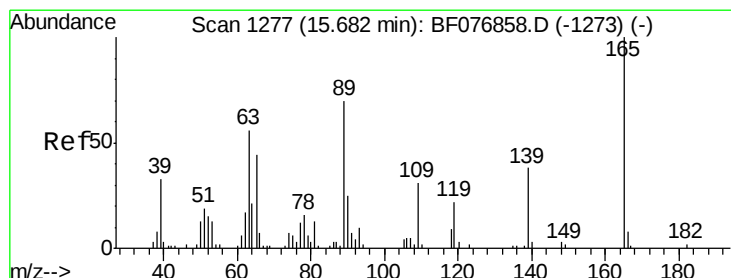
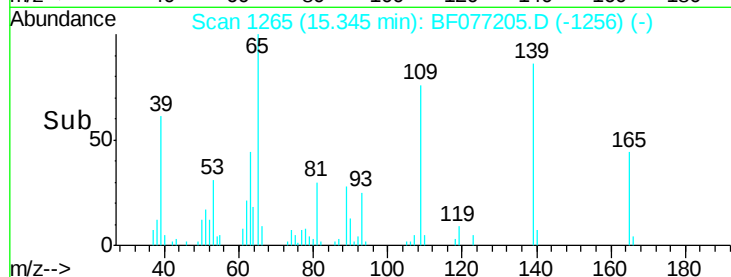
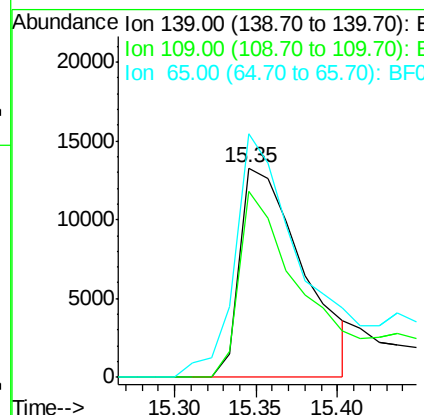
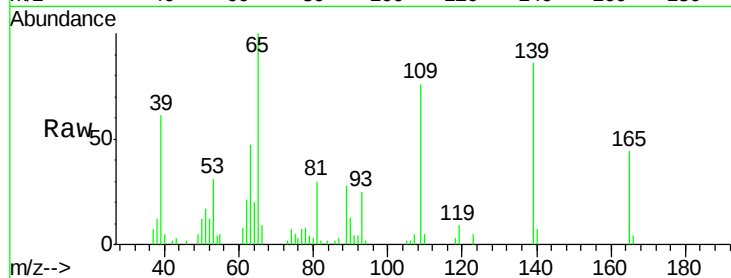




#55
4-Nitrophenol
Concen: 53.67 ng
RT: 15.35 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

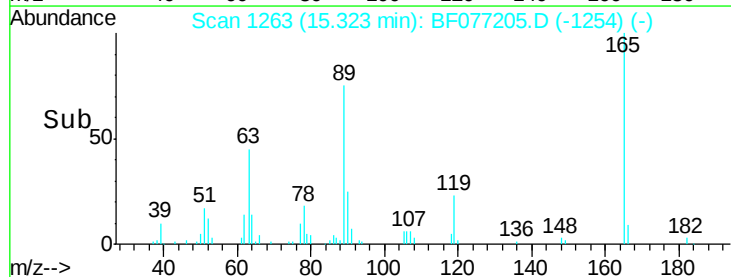
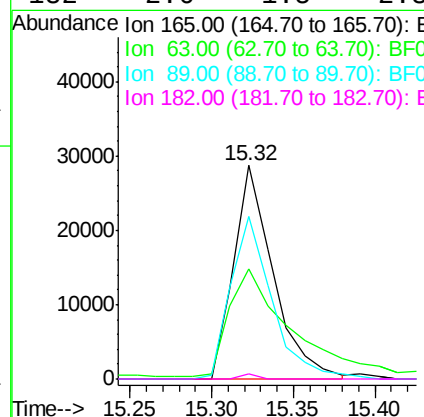
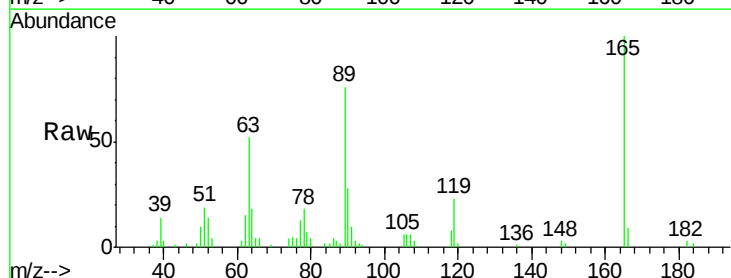
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

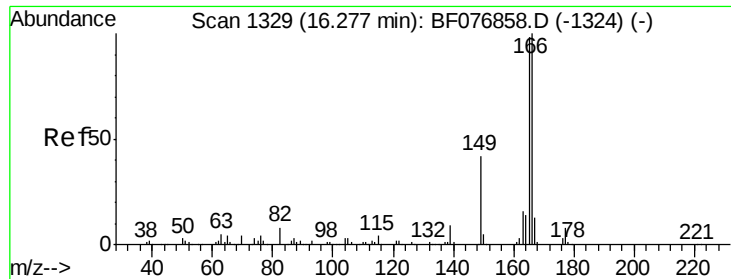
Tot Ion:139 Resp: 35698
Ion Ratio Lower Upper
139 100
109 88.8 61.0 101.0
65 116.4 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 38.30 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:165 Resp: 48099
Ion Ratio Lower Upper
165 100
63 51.8 44.8 67.2
89 76.1 56.2 84.2
182 2.6 1.5 2.3#

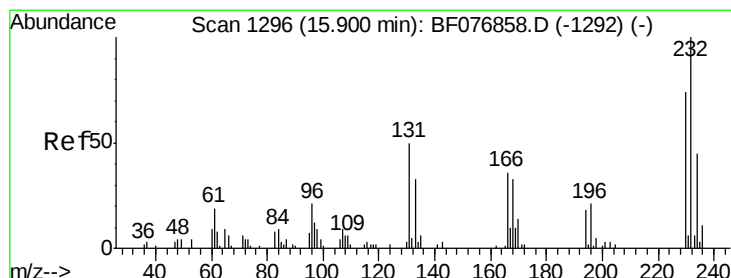
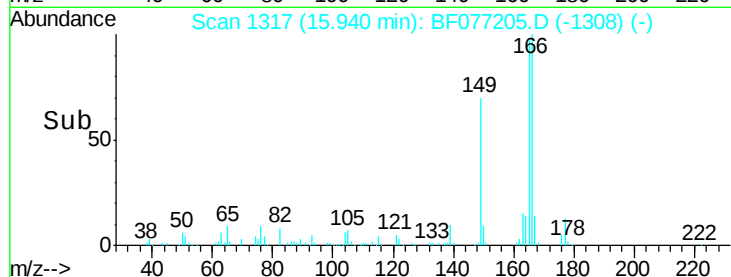
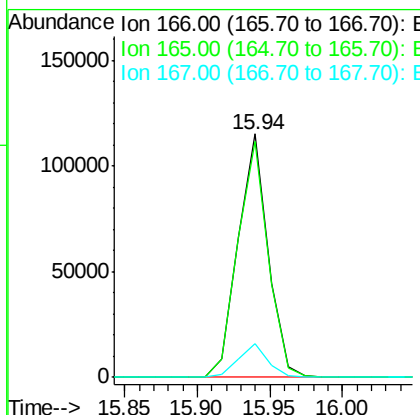
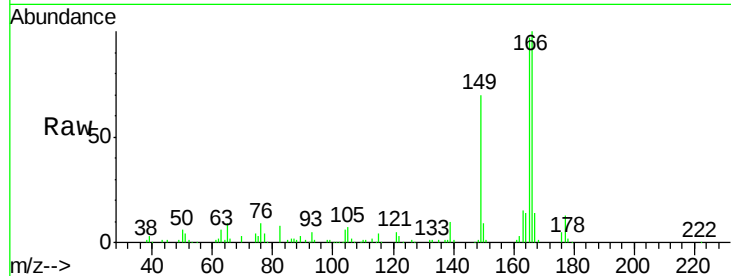




#57
 Fluorene
 Concen: 38.21 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

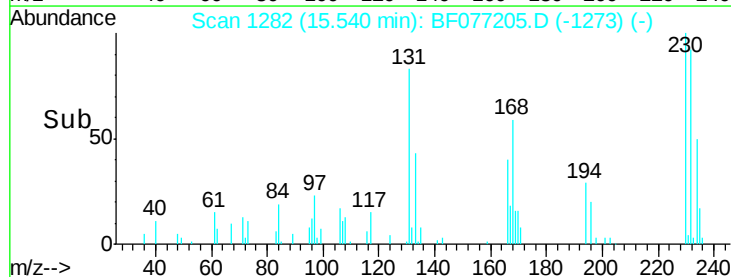
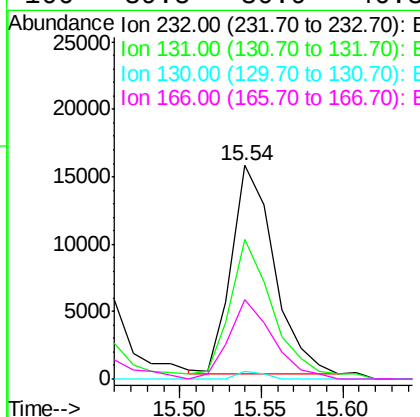
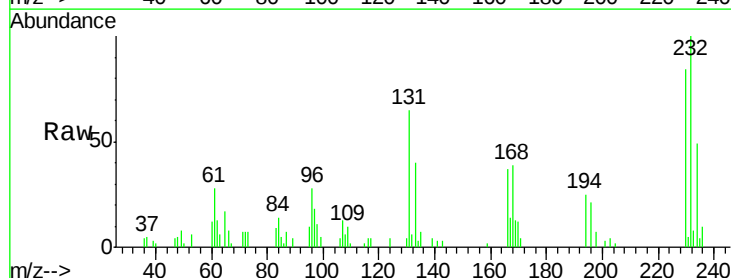
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

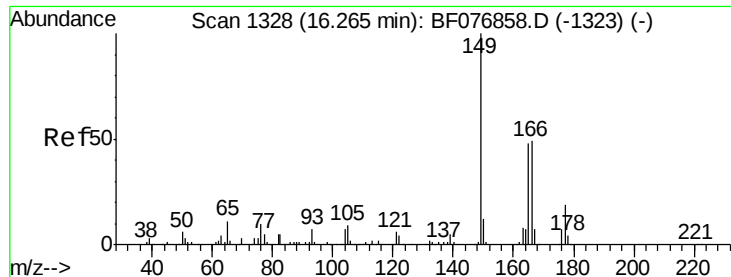
Tot Ion:166 Resp: 164705
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.5 117.7
 167 13.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.79 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:232 Resp: 27841
 Ion Ratio Lower Upper
 232 100
 131 62.2 45.0 67.6
 130 2.4 2.6 3.8#
 166 39.5 30.9 46.3

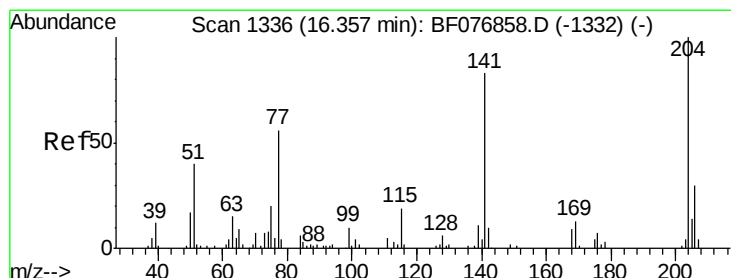
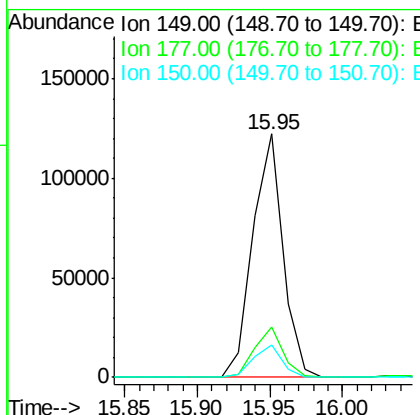
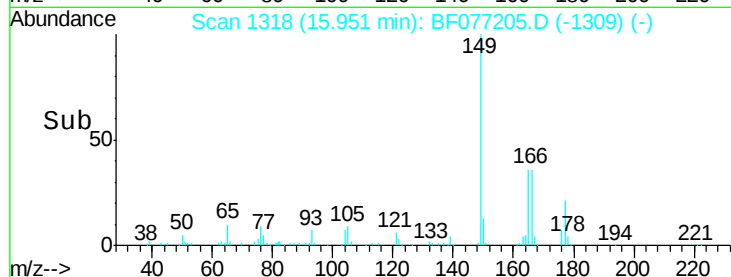
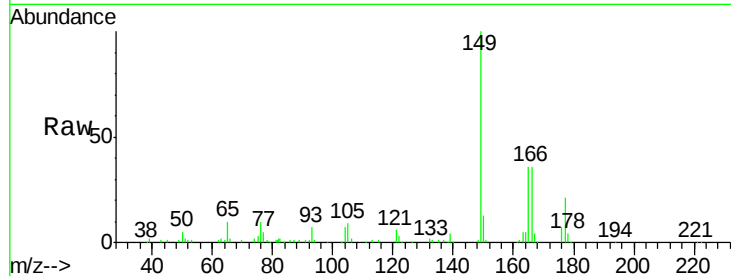




#59
Diethylphthalate
Concen: 41.14 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

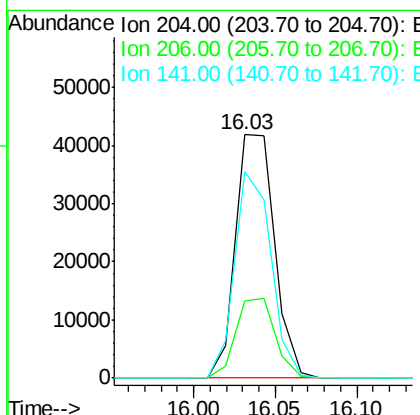
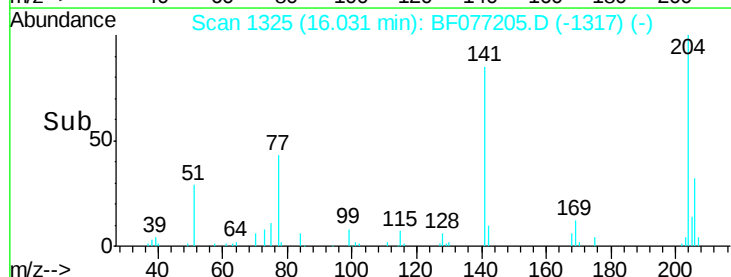
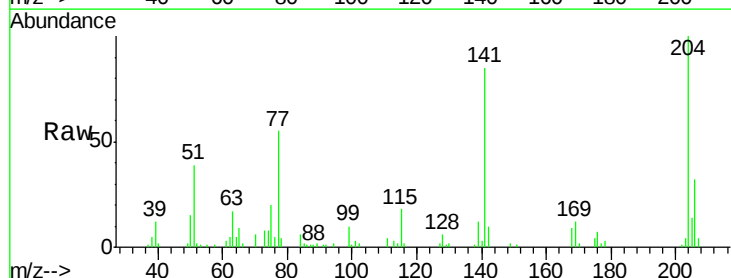
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

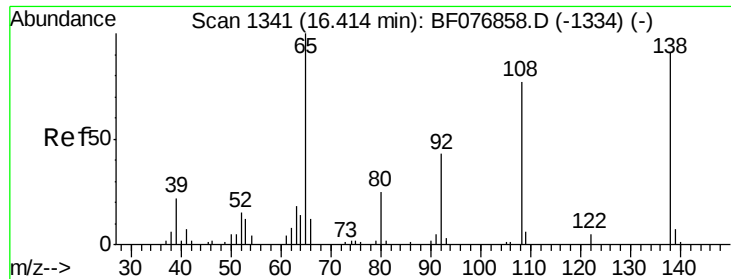
Tot Ion:149 Resp: 176393
Ion Ratio Lower Upper
149 100
177 20.6 15.0 22.6
150 13.1 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 39.34 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:204 Resp: 69390
Ion Ratio Lower Upper
204 100
206 31.8 24.2 36.2
141 84.6 66.7 100.1

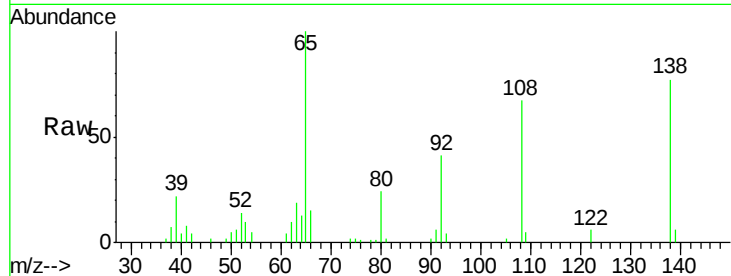




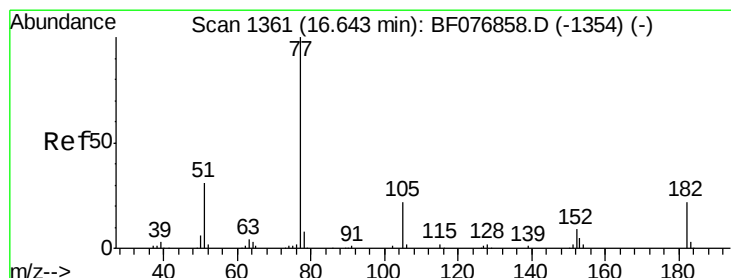
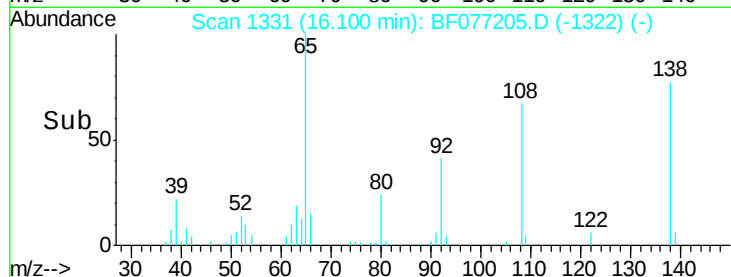
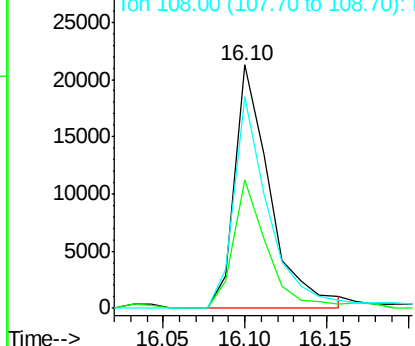
#61
4-Nitroaniline
Concen: 30.22 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tot Ion:138 Resp: 31713
Ion Ratio Lower Upper
138 100
92 52.5 26.7 66.7
108 86.9 64.5 104.5

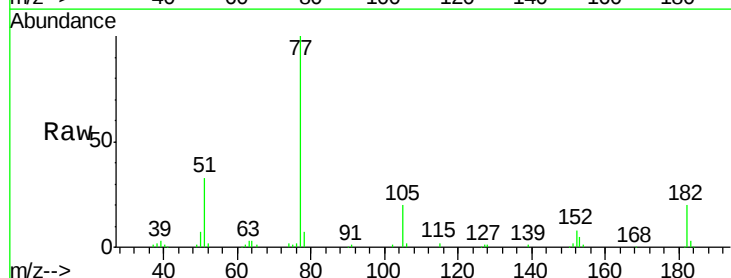


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

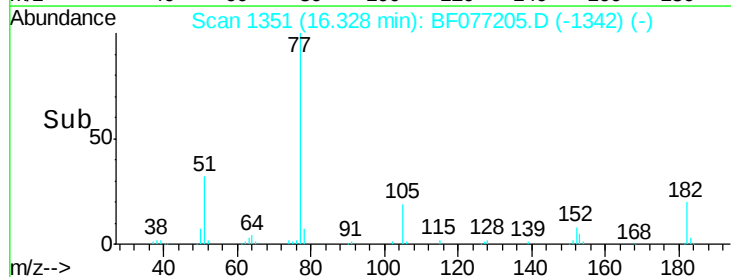
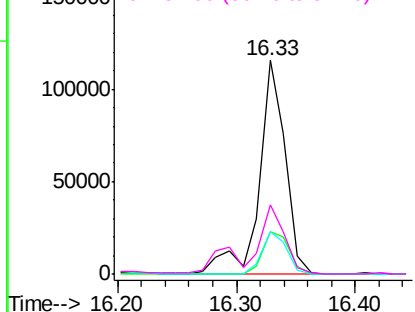


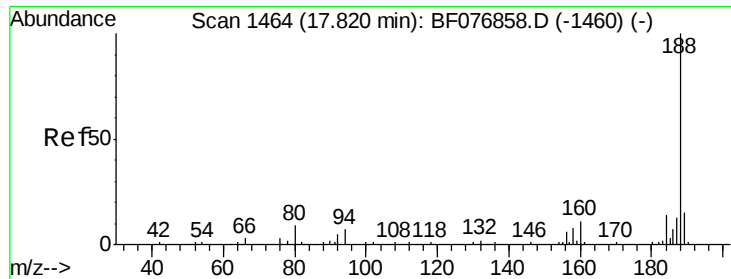
#62
Azobenzene
Concen: 39.71 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion: 77 Resp: 177432
Ion Ratio Lower Upper
77 100
182 19.8 2.0 42.0
105 19.5 2.3 42.3
51 32.6 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

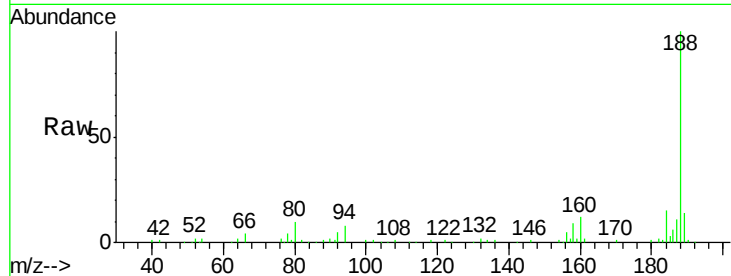




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

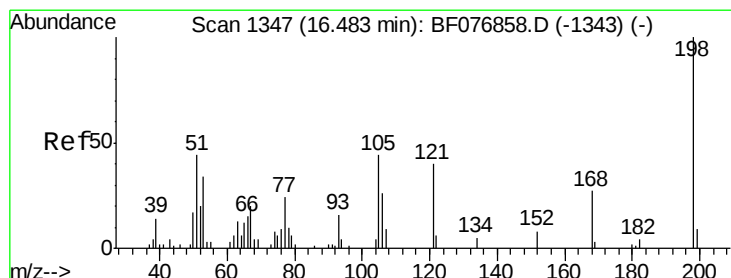
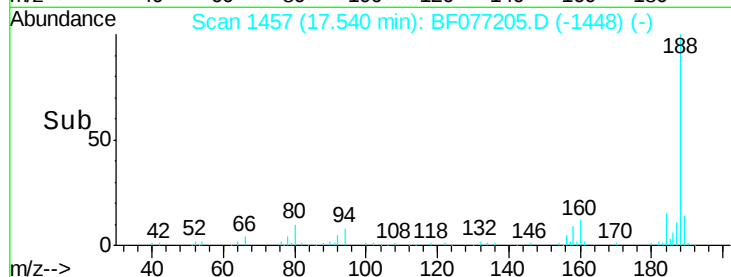
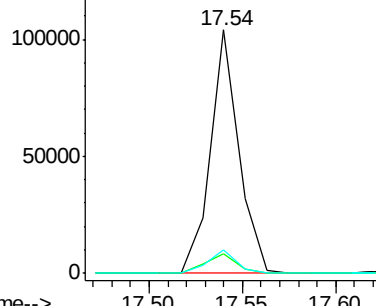
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.0	9.0
80	9.8	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): E

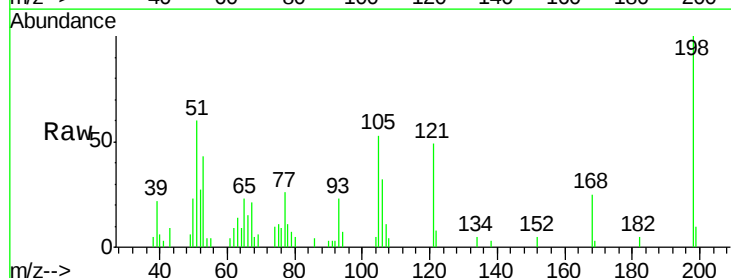
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.44 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

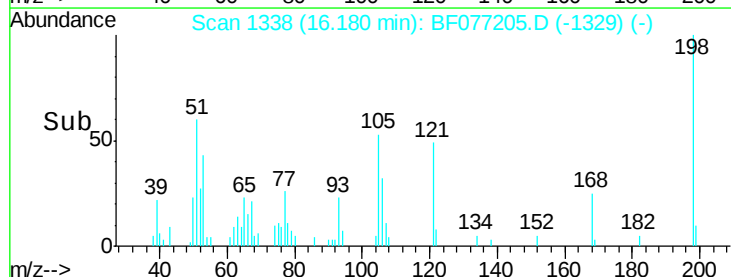
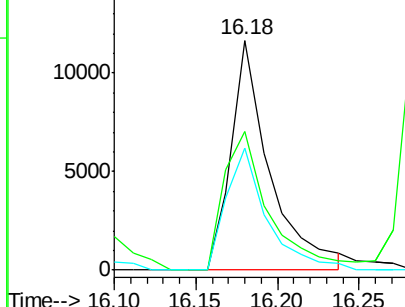
Tgt Ion	Ratio	Lower	Upper
198	100		
51	60.3	24.2	64.2
105	52.8	24.0	64.0

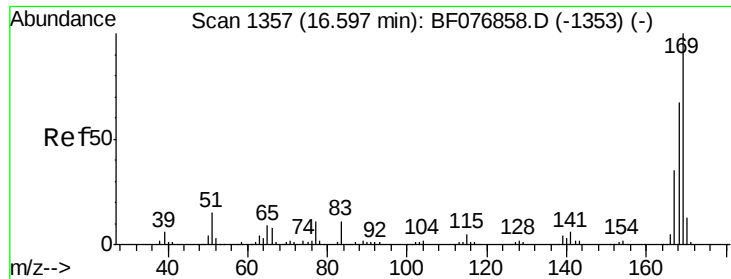


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

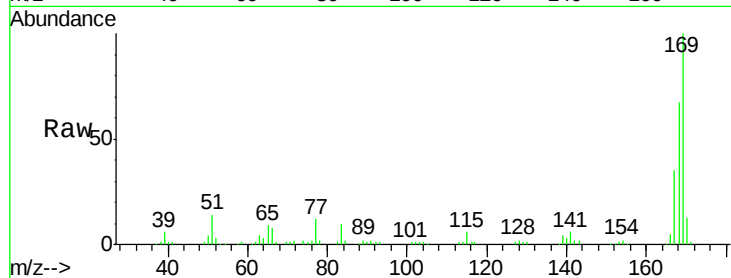




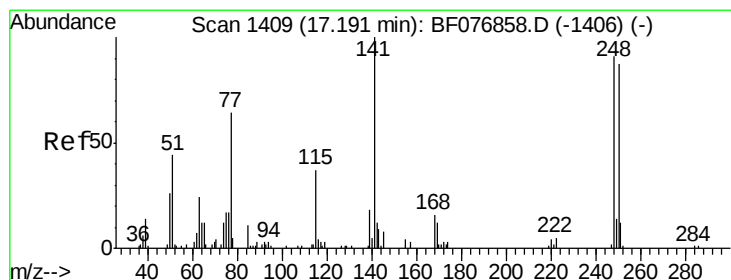
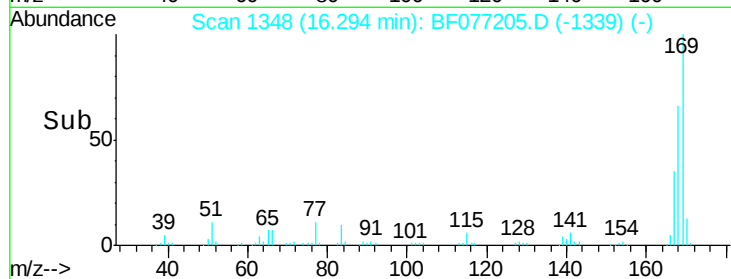
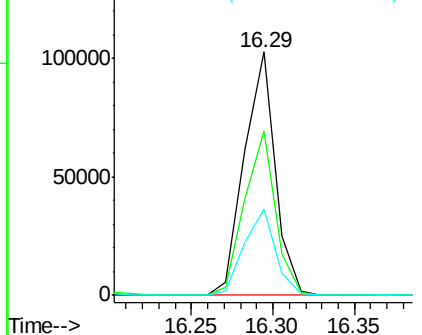
#65
 n-Nitrosodiphenylamine
 Concen: 34.18 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tot Ion:169 Resp: 134660
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 35.4 27.8 41.6

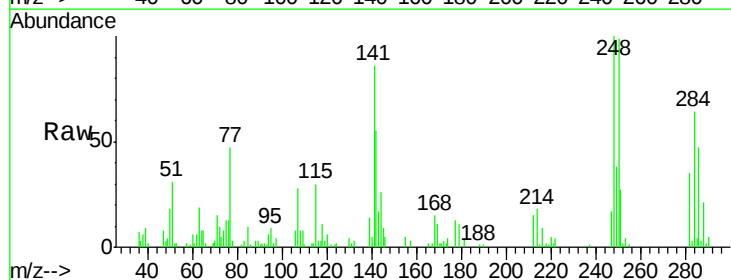


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

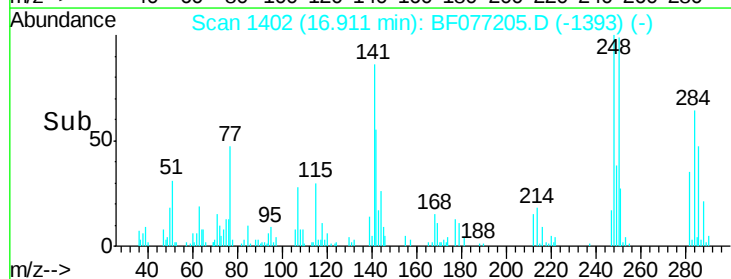
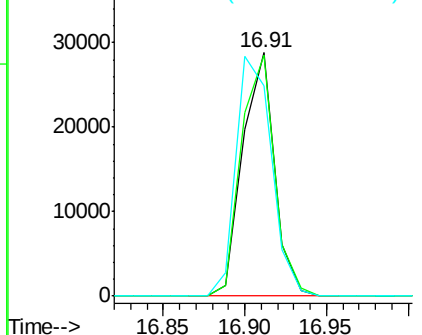


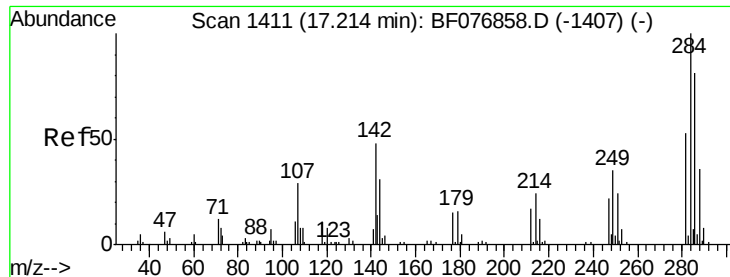
#66
 4-Bromophenyl-phenylether
 Concen: 34.69 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:248 Resp: 38834
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 86.2 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: 35.12 ng

RT: 16.92 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

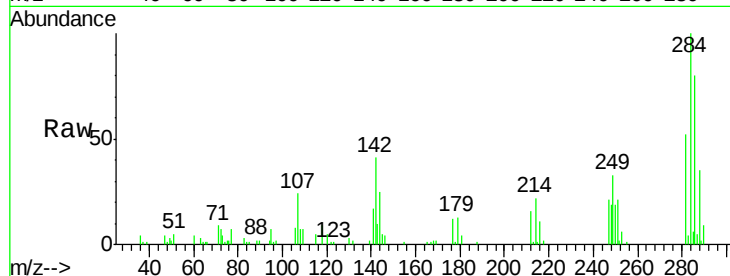
Tot Ion:284 Resp: 41431

Ion Ratio Lower Upper

284 100

142 40.6 38.2 57.4

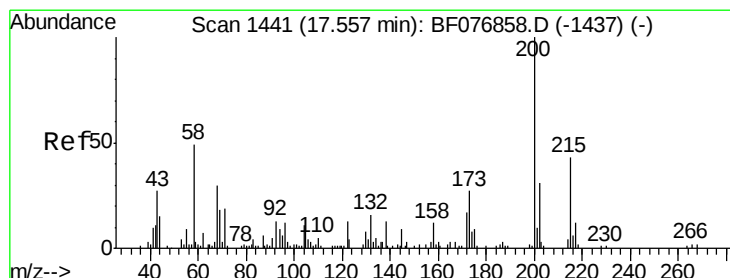
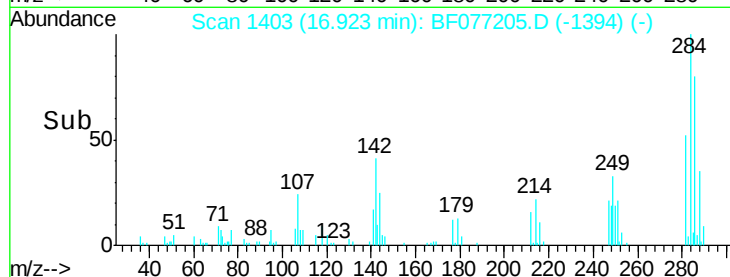
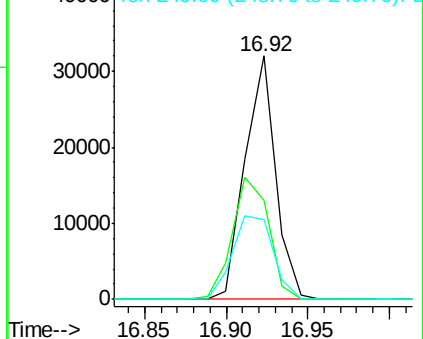
249 32.6 28.2 42.2



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: 40.96 ng

RT: 17.30 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

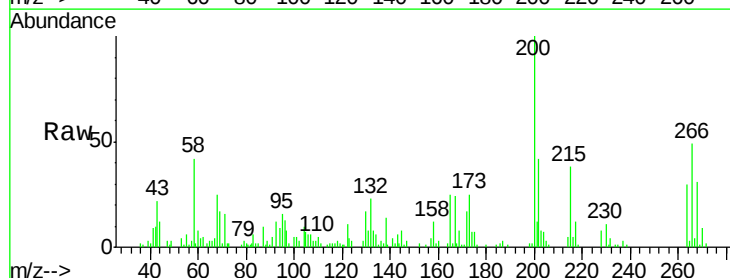
Tgt Ion:200 Resp: 48973

Ion Ratio Lower Upper

200 100

173 25.2 6.6 46.6

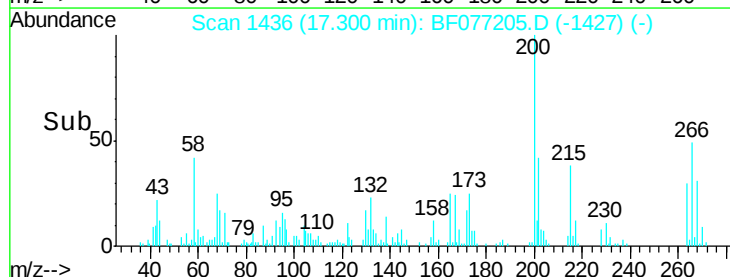
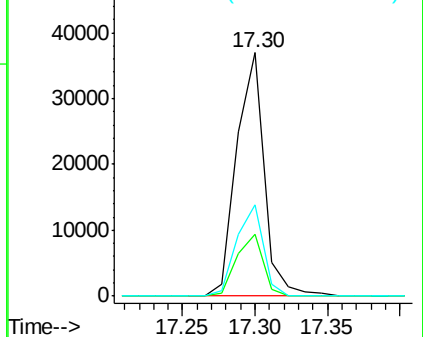
215 37.5 22.9 62.9

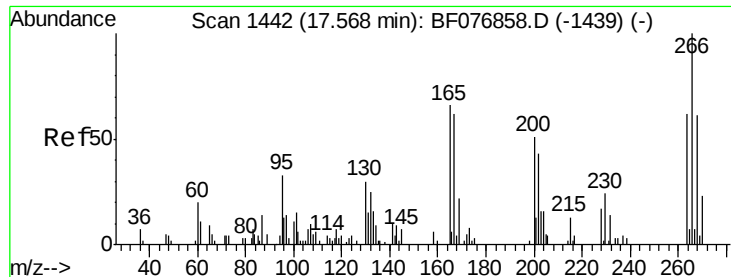


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

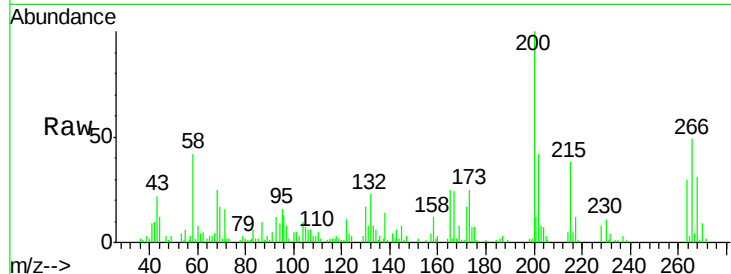




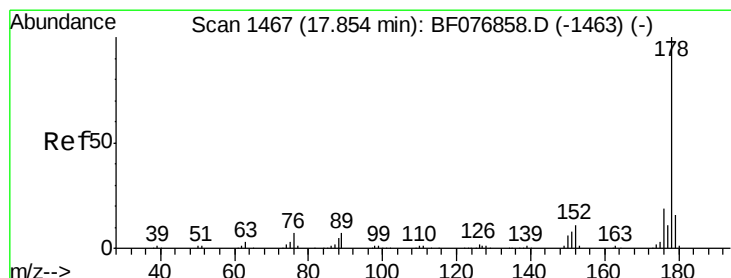
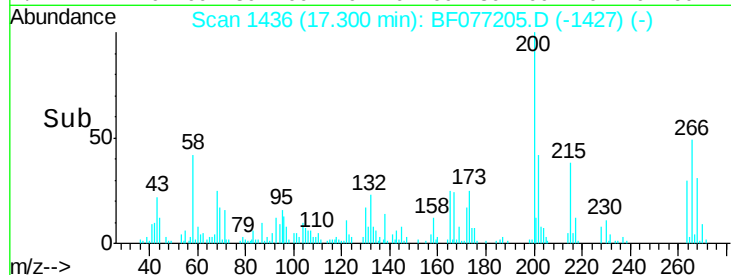
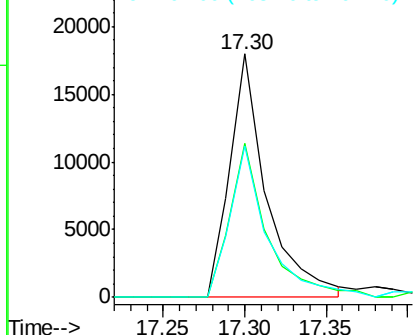
#69
 Pentachlorophenol
 Concen: 54.45 ng
 RT: 17.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	48.6	72.8
264	62.4	49.5	74.3

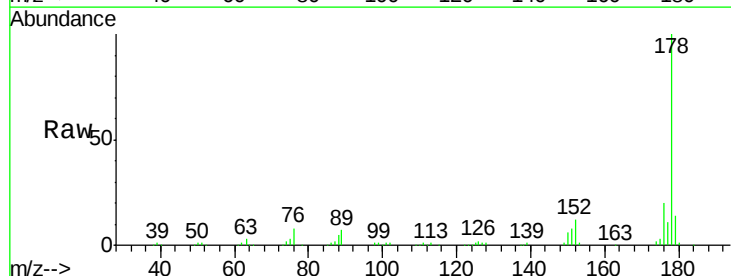


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

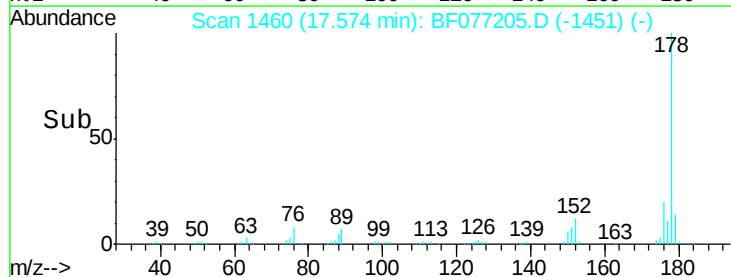
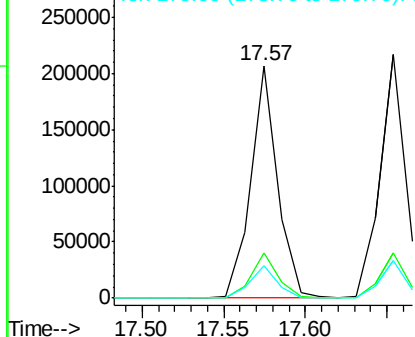


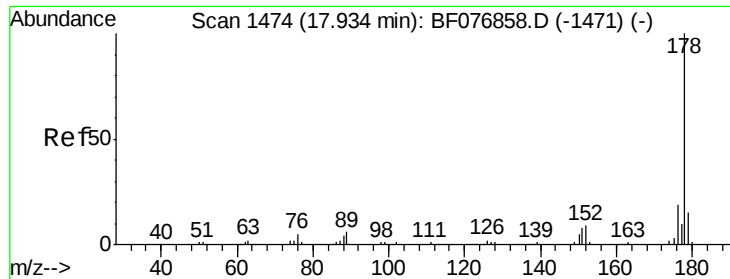
#70
 Phenanthrene
 Concen: 34.21 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	14.2	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

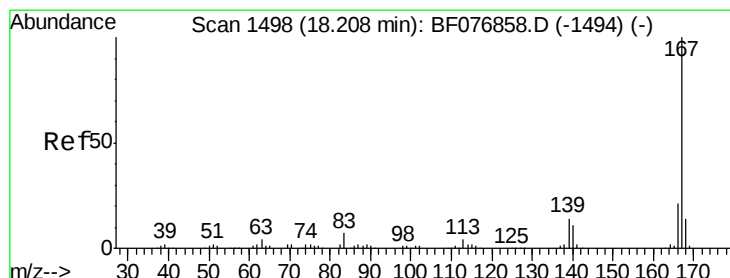
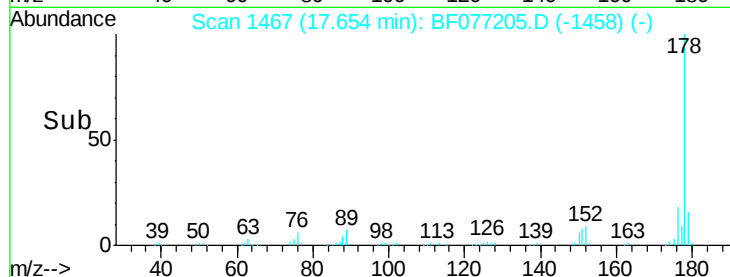
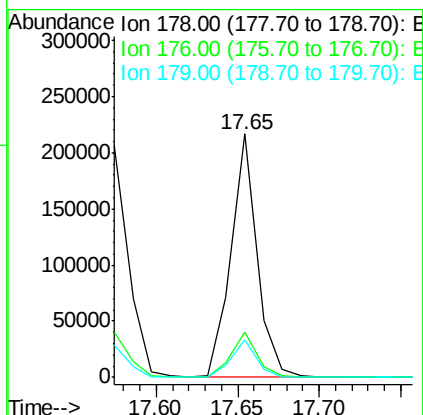
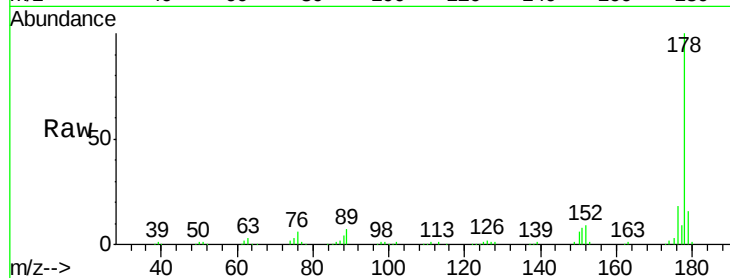




#71
 Anthracene
 Concen: 35.79 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

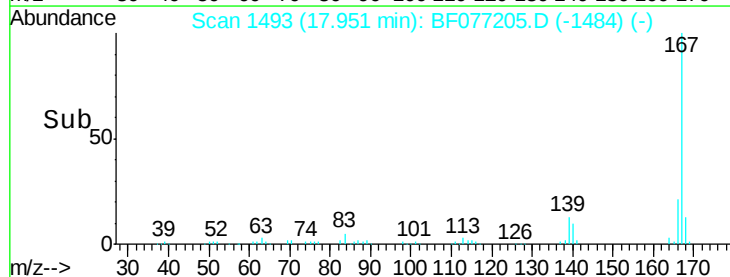
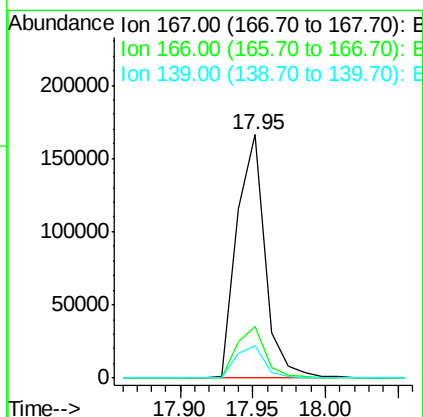
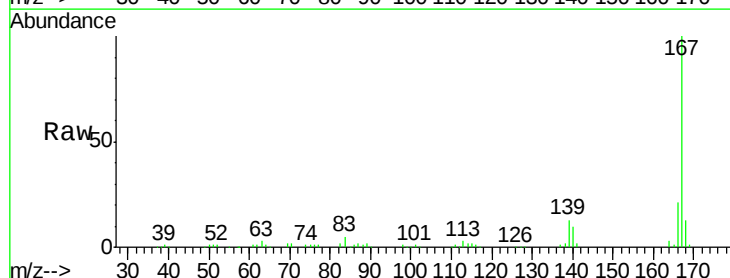
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

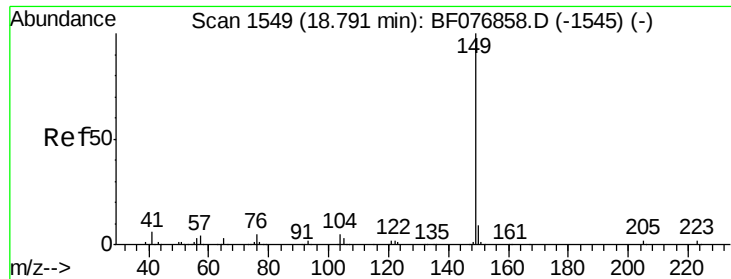
Tot Ion:178 Resp: 240460
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.6 11.9 17.9



#72
 Carbazole
 Concen: 34.62 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:167 Resp: 225636
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.4 11.3 16.9

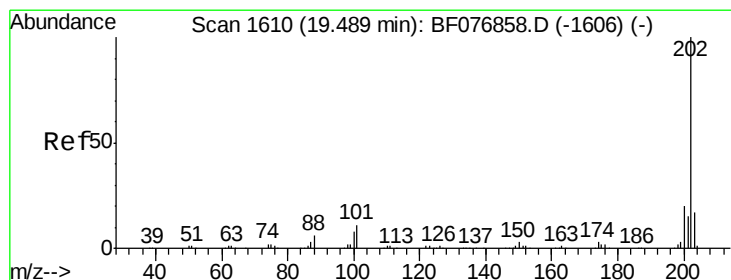
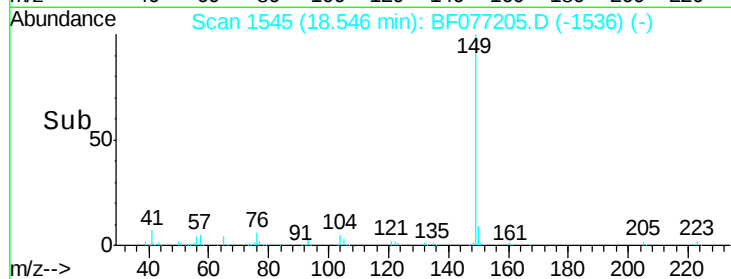
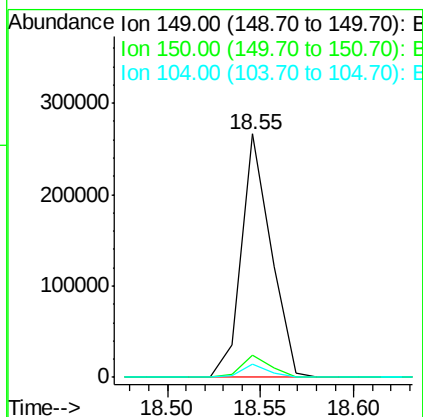
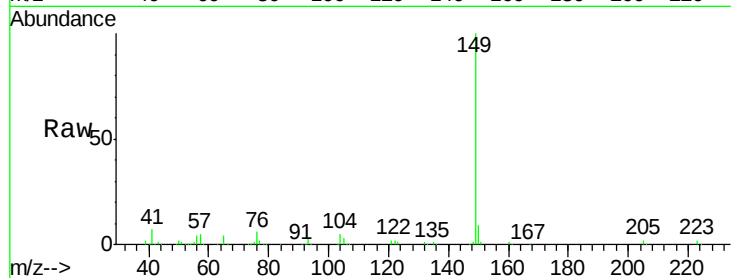




#73
Di-n-butylphthalate
Concen: 38.86 ng
RT: 18.55 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

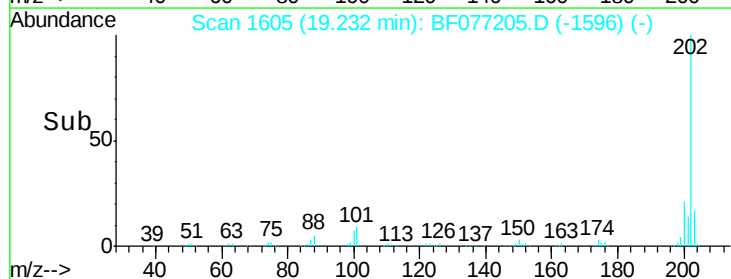
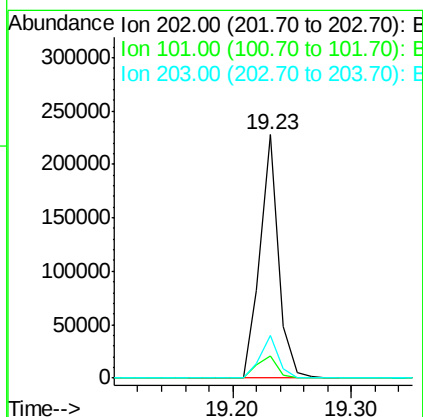
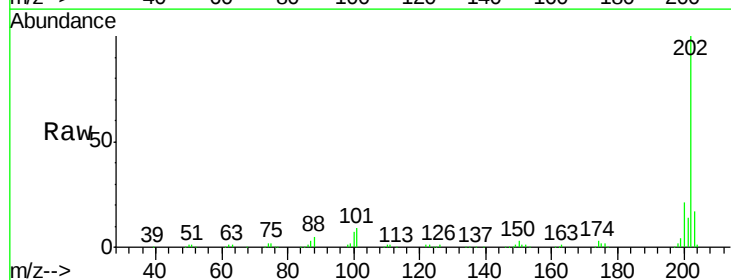
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

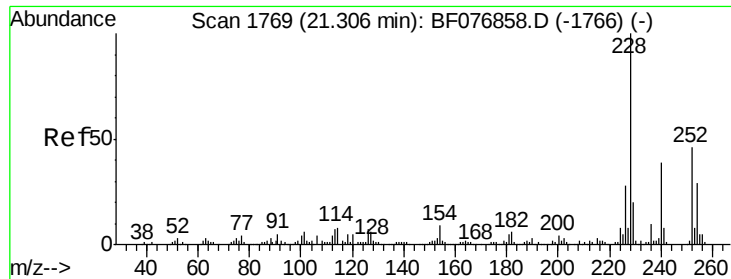
Tot Ion:149 Resp: 293183
Ion Ratio Lower Upper
149 100
150 9.0 6.9 10.3
104 5.2 3.7 5.5



#74
Fluoranthene
Concen: 35.59 ng
RT: 19.23 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:202 Resp: 251308
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 17.4 0.0 36.9

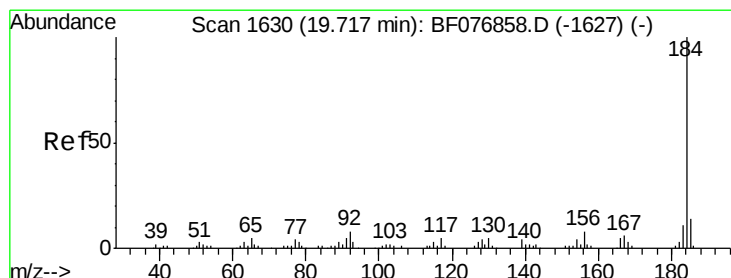
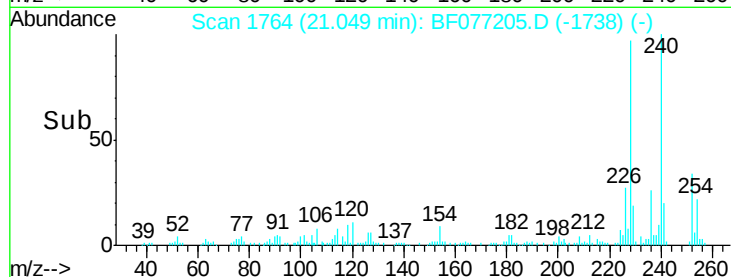
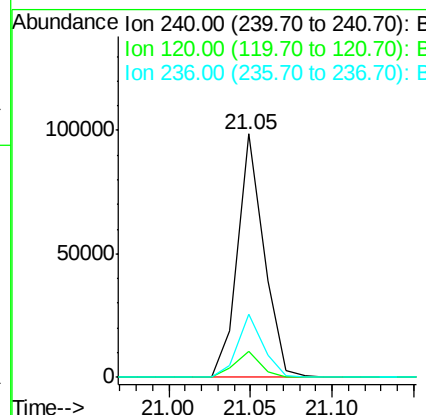
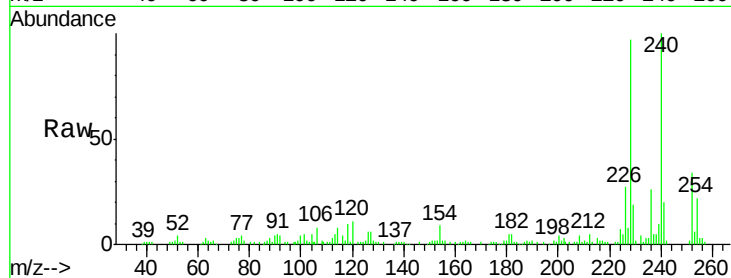




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

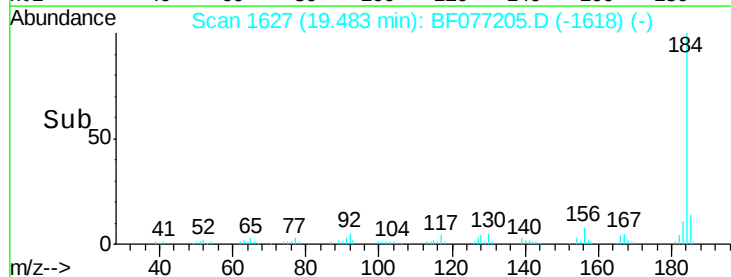
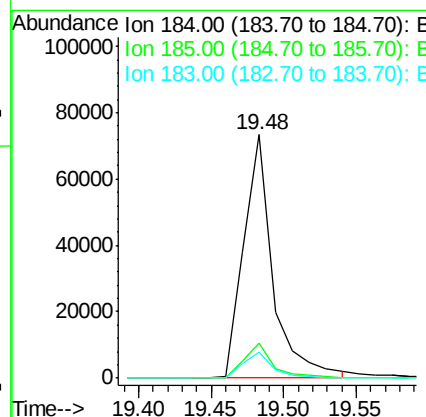
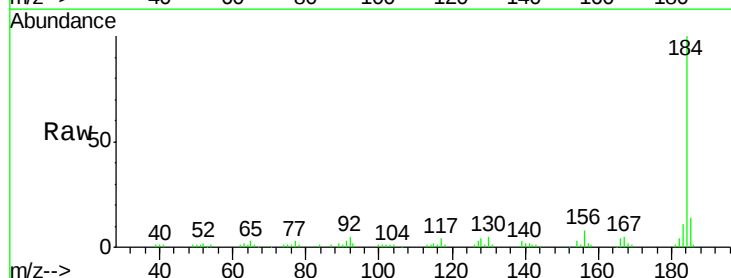
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

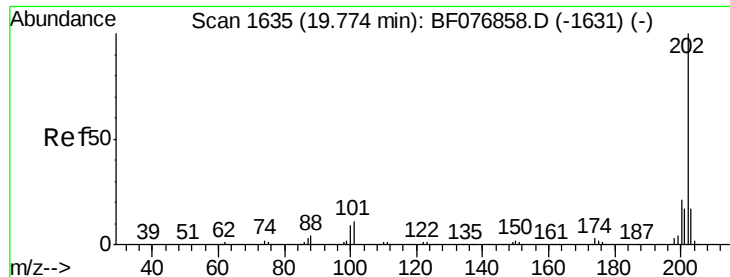
Tot Ion:240 Resp: 109422
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.4 15.6
 236 26.0 20.2 30.2



#76
 Benzidine
 Concen: 29.24 ng
 RT: 19.48 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:184 Resp: 102378
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.4 17.2
 183 10.5 9.0 13.6

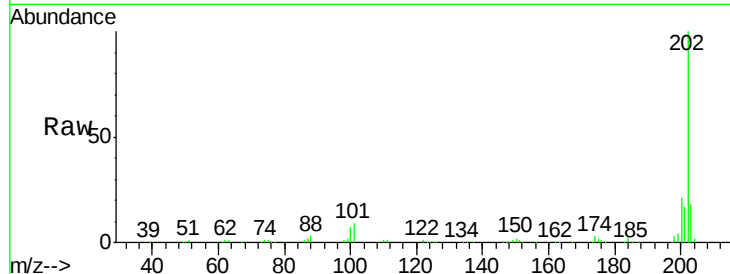




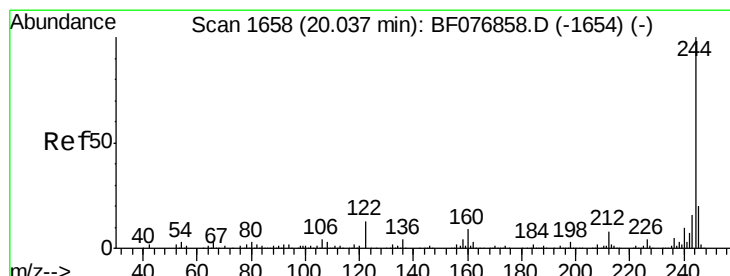
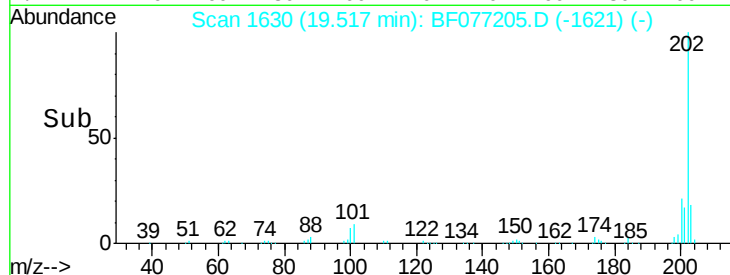
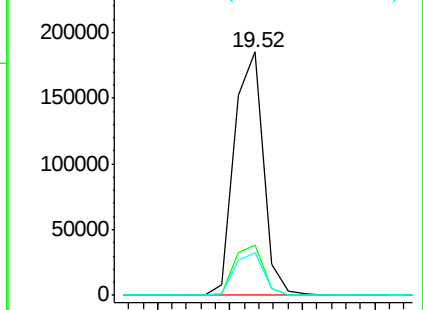
#77
 Pvrene
 Concen: 34.14 ng
 RT: 19.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.0	21.0

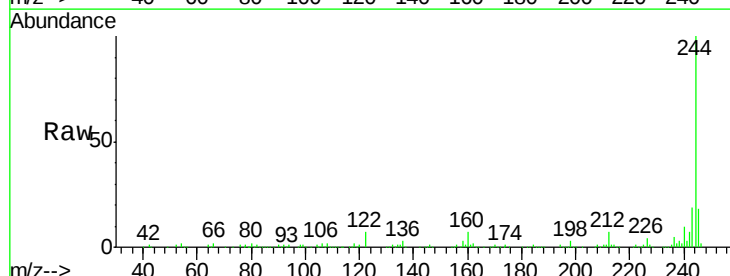


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

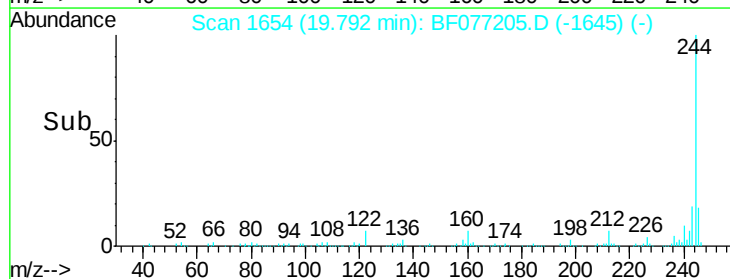
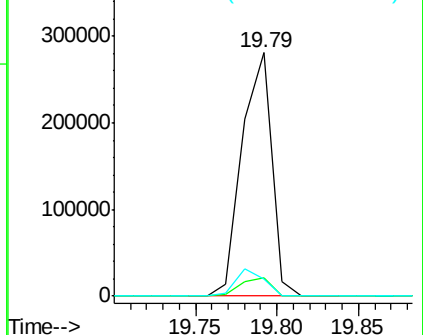


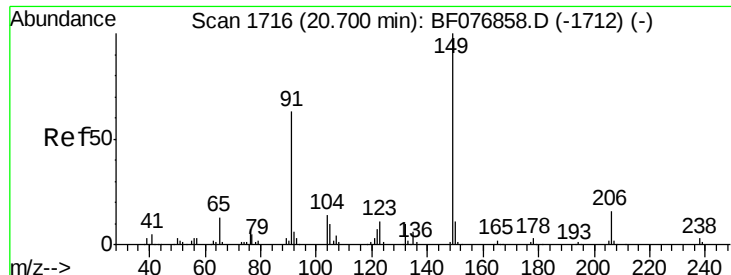
#78
 Terphenyl-d14
 Concen: 74.71 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	7.2	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

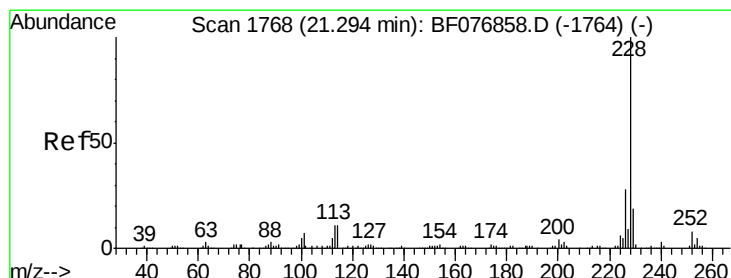
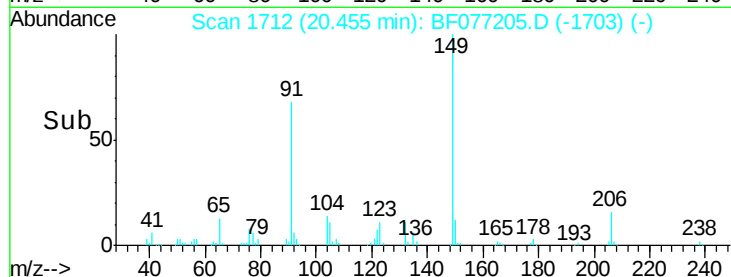
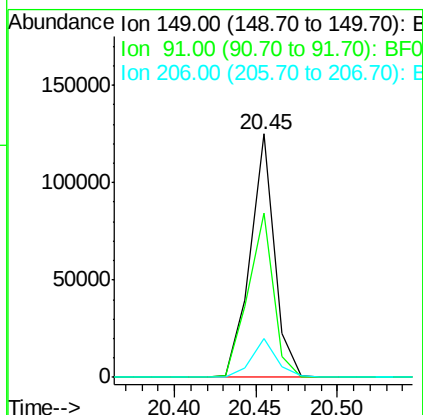
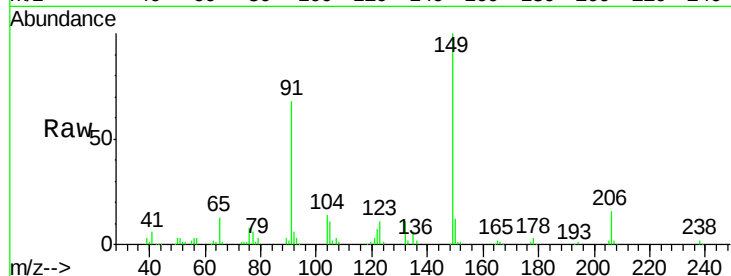




#79
Butylbenzylphthalate
Concen: 38.20 ng
RT: 20.45 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

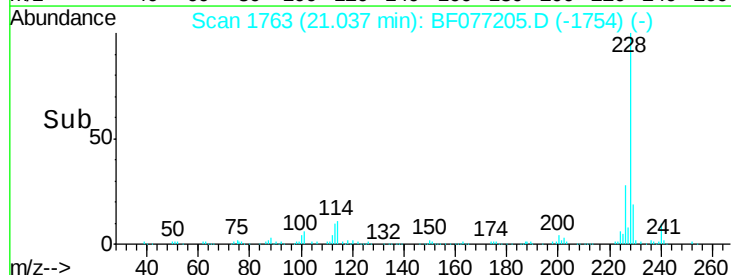
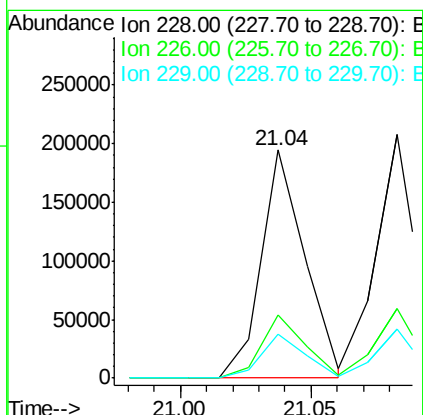
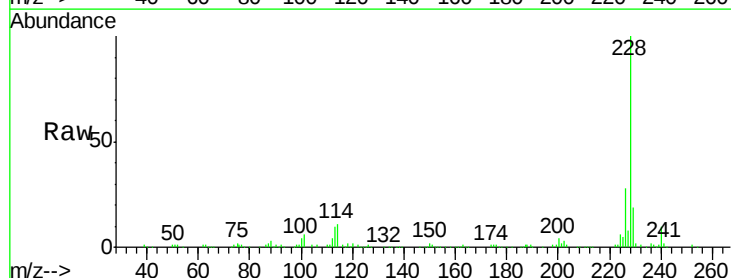
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

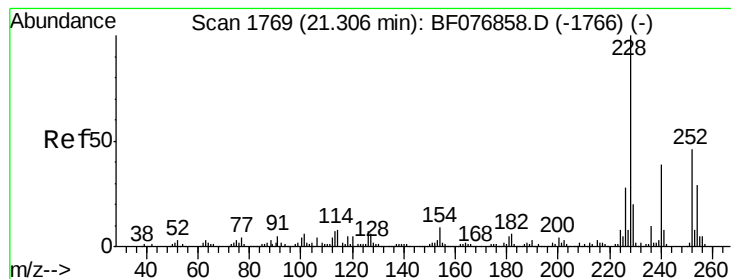
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	50.6	76.0
206	15.8	12.8	19.2



#80
Benzo(a)anthracene
Concen: 33.07 ng
RT: 21.04 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.5	15.5	23.3

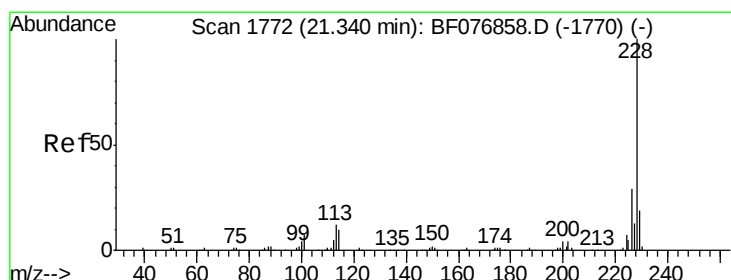
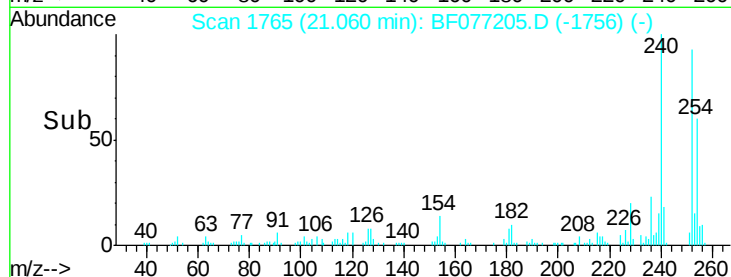
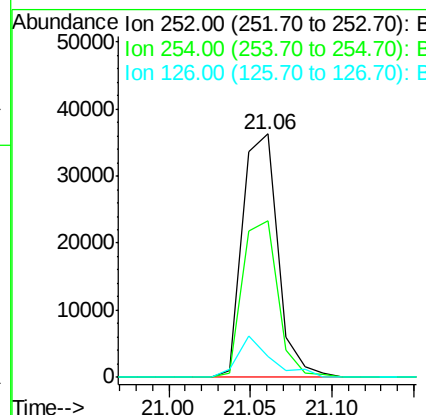
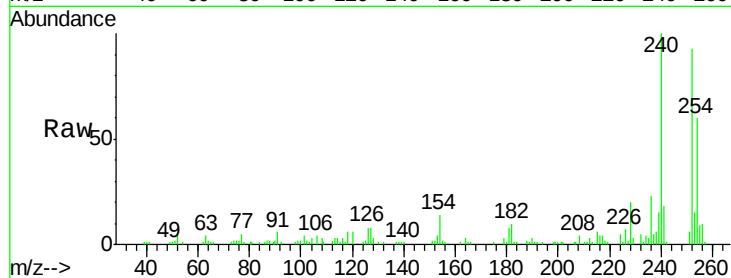




#81
 3,3'-Dichlorobenzidine
 Concen: 24.95 ng
 RT: 21.06 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

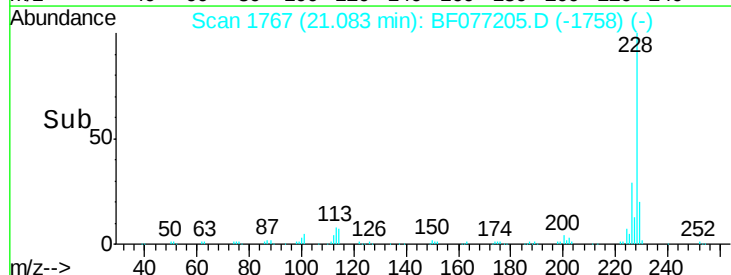
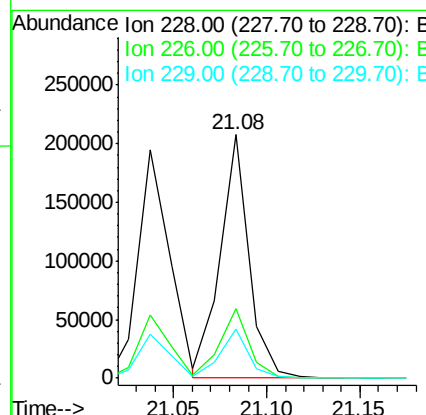
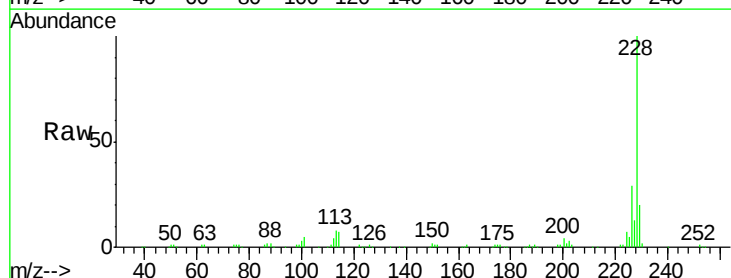
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BSD

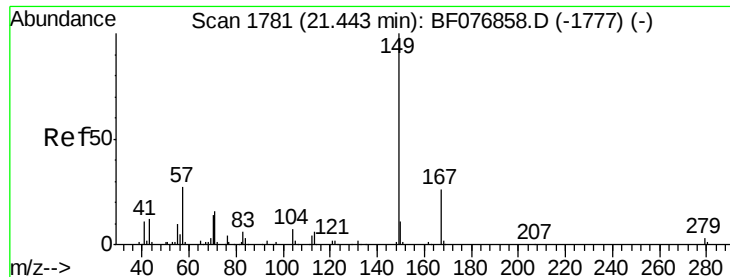
Tot Ion:252 Resp: 54425
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.2 75.4
 126 8.7 11.5 17.3#



#82
 Chrysene
 Concen: 35.57 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077205.D
 Acq: 6 Feb 2015 16:53

Tgt Ion:228 Resp: 222716
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.4 35.0
 229 20.0 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.12 ng

RT: 21.20 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

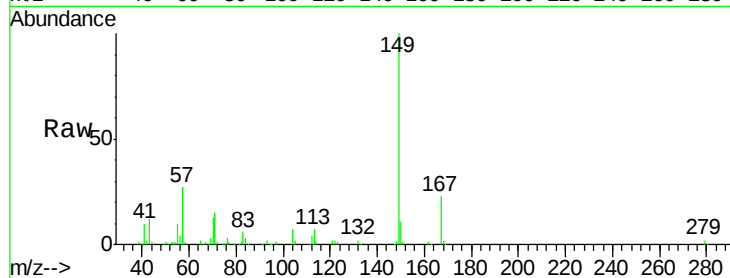
Tot Ion:149 Resp: 193242

Ion Ratio Lower Upper

149 100

167 23.1 20.6 30.8

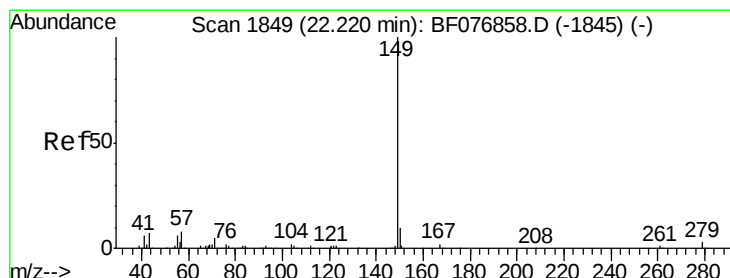
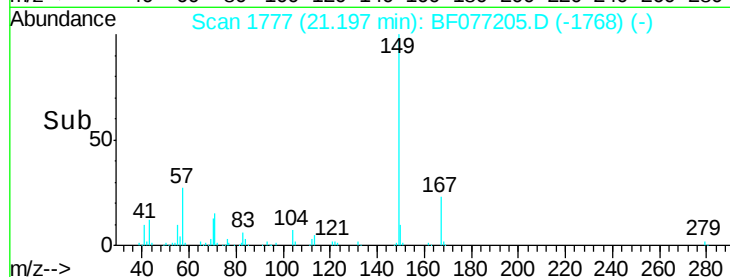
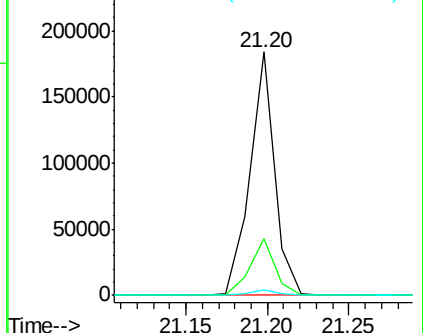
279 2.3 2.2 3.2



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: 40.16 ng

RT: 21.97 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

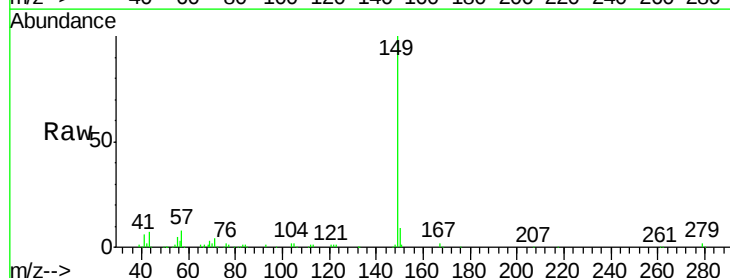
Tgt Ion:149 Resp: 327567

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

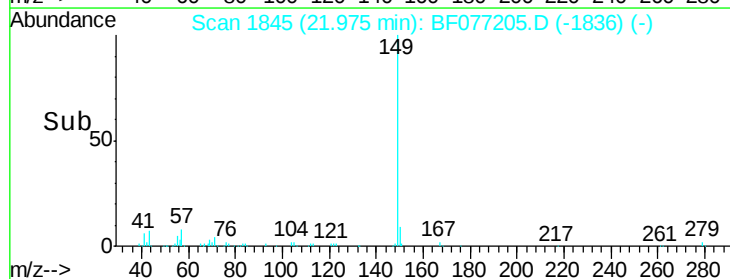
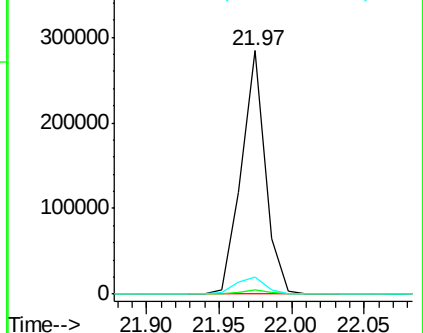
43 8.6 6.6 10.0

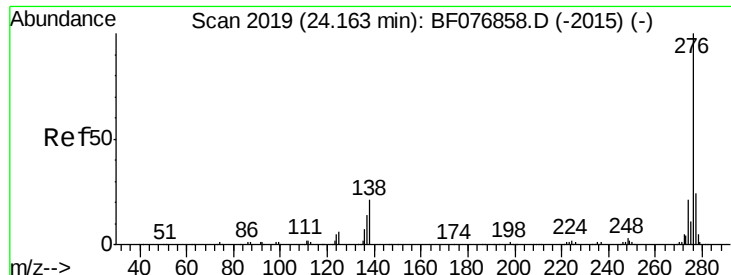


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

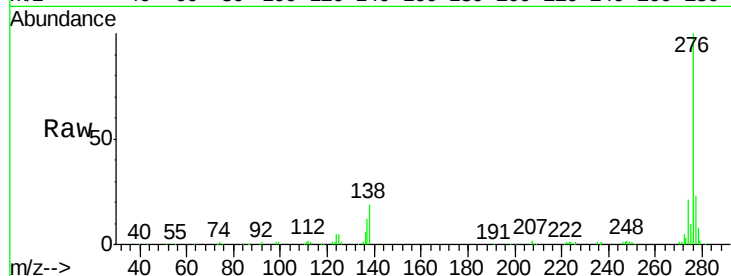




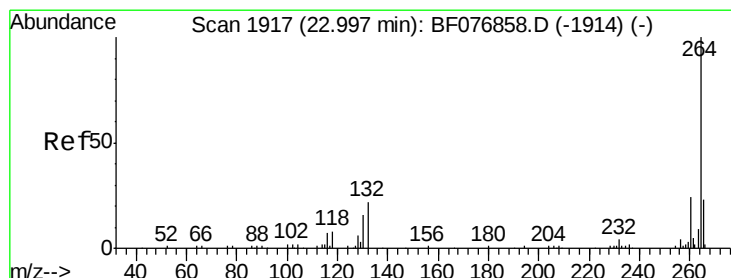
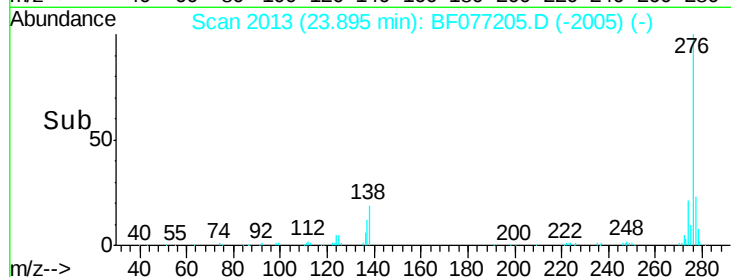
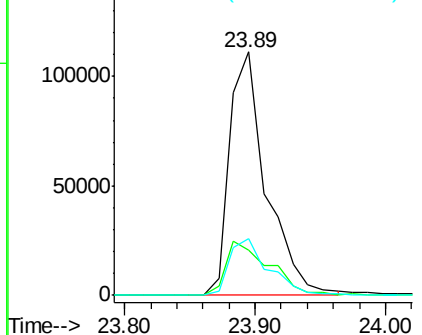
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.86 ng
RT: 23.89 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Tot Ion:276 Resp: 218009
Ion Ratio Lower Upper
276 100
138 26.9 14.6 22.0#
277 24.9 14.8 22.2#

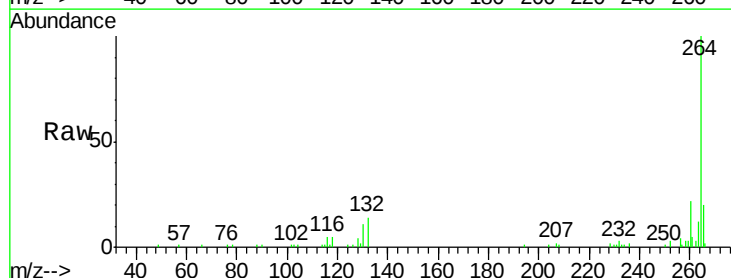


Abundance Ion 276.00 (275.70 to 276.70): E
150000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

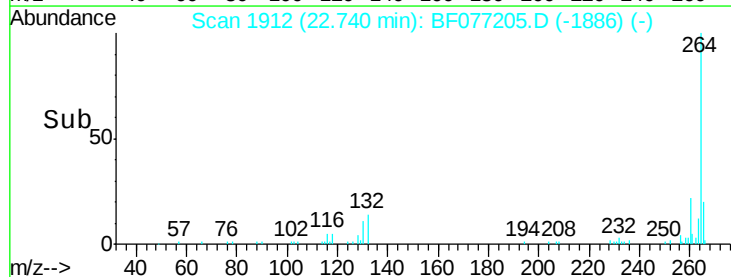
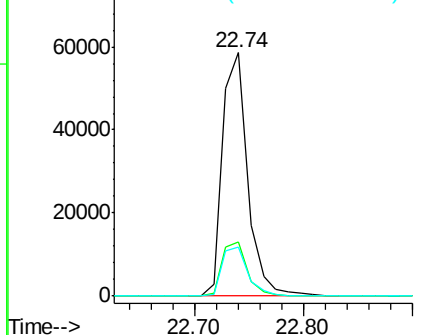


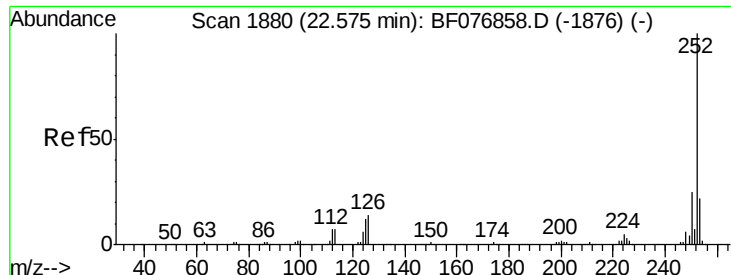
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.74 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:264 Resp: 93813
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 20.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
80000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

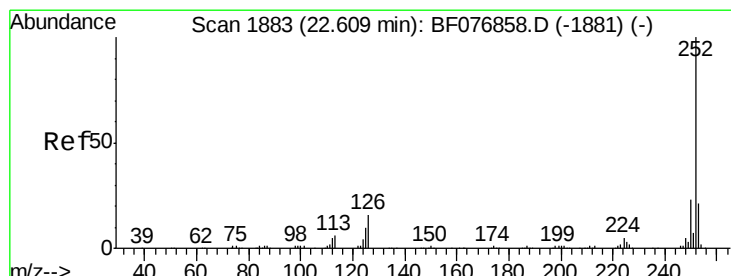
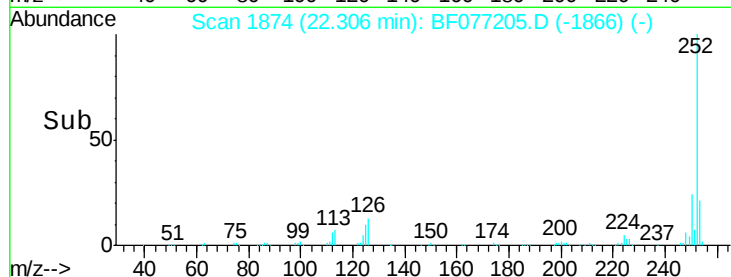
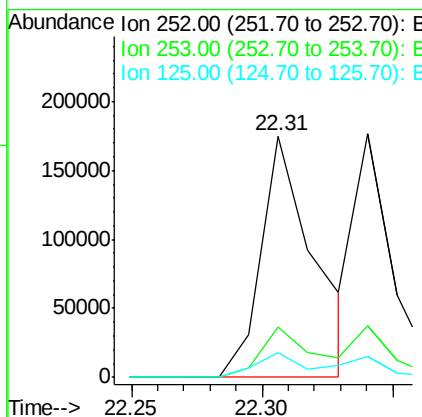
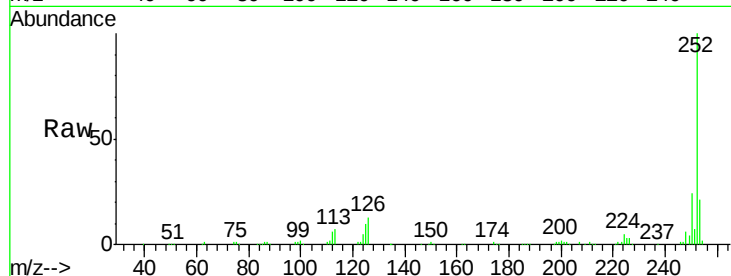




#87
Benzo(b)fluoranthene
Concen: 39.02 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

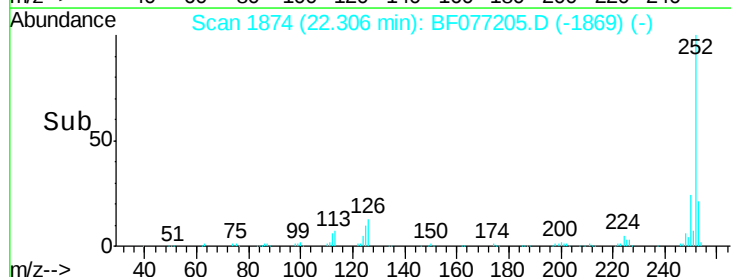
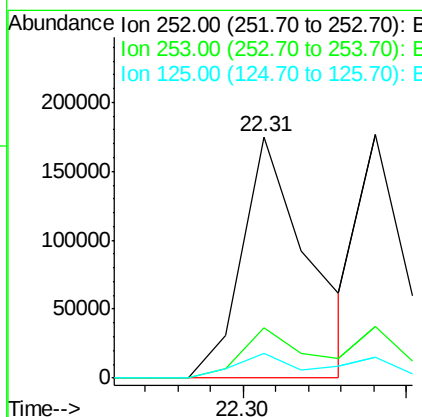
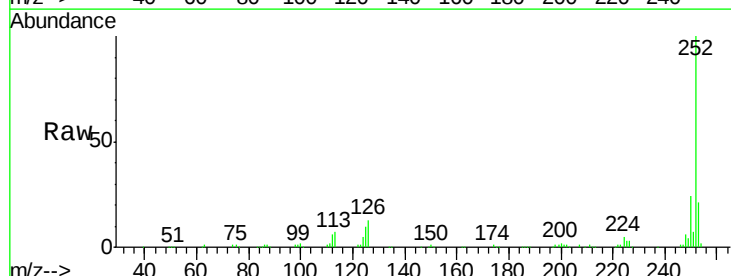
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

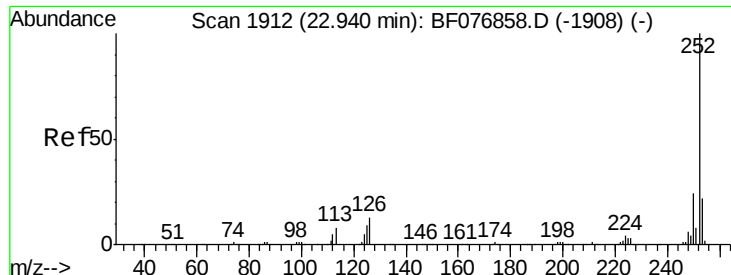
Tot Ion:252 Resp: 246531
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 10.2 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 44.66 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.05 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion:252 Resp: 246513
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.2 7.1 10.7

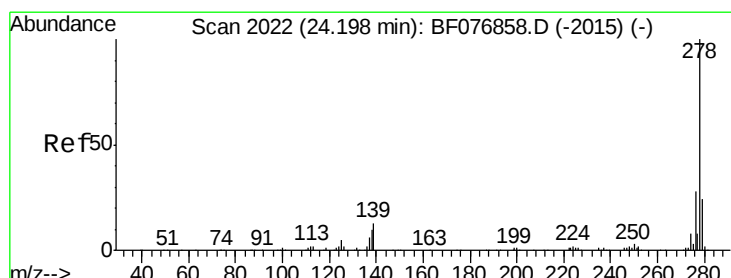
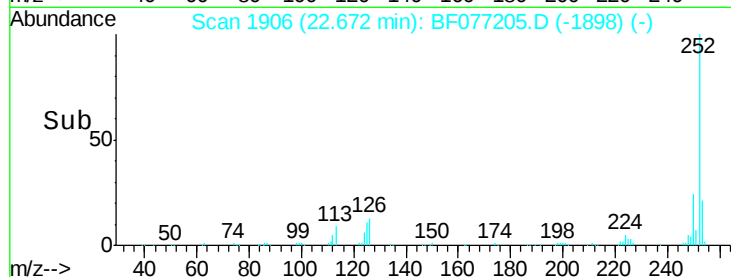
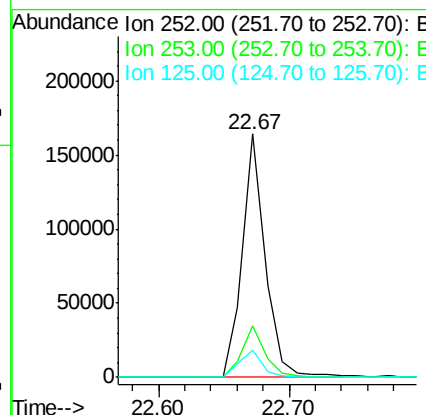
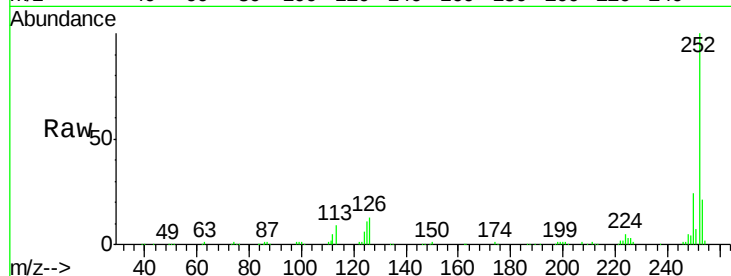




#89
Benzo(a)pyrene
Concen: 35.90 ng
RT: 22.67 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

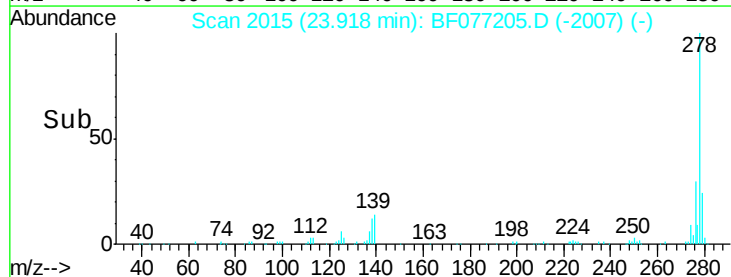
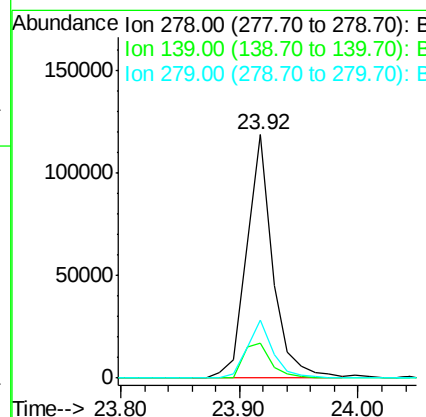
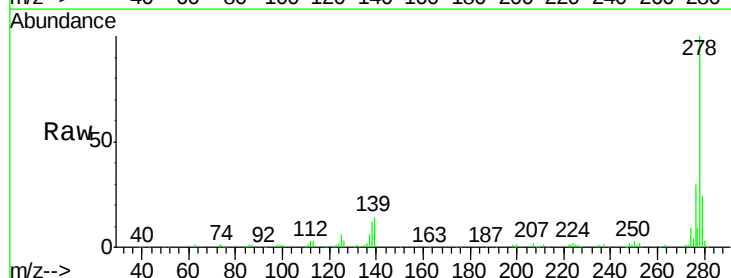
Instrument :
BNA_F
ClientSampleId :
PB81636BSD

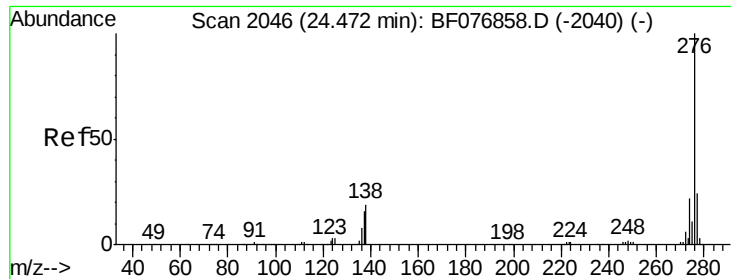
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.1	7.2	10.8



#90
Dibenzo(a,h)anthracene
Concen: 35.76 ng
RT: 23.92 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF077205.D
Acq: 6 Feb 2015 16:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.5	15.7
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 35.53 ng

RT: 24.16 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF077205.D

Acq: 6 Feb 2015 16:53

Instrument :

BNA_F

ClientSampleId :

PB81636BSD

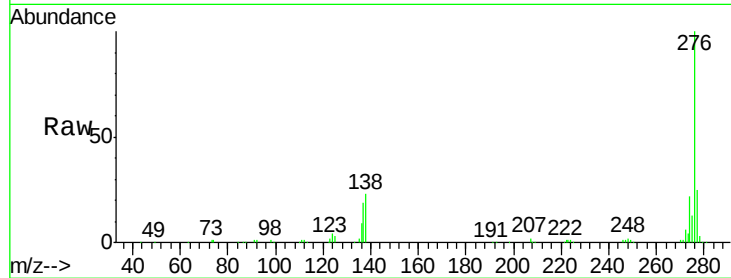
Tot Ion: 276 Resp: 180647

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 22.7 15.0 22.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

