

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077204.D
 Acq On : 6 Feb 2015 16:18
 Operator : TP/IZ
 Sample : PB81636BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Quant Time: Feb 06 22:57:24 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 22:20:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27536	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	121374	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	58821	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	114101	20.00	ng	0.00
75) Chrysene-d12	21.05	240	110379	20.00	ng	0.00
86) Perylene-d12	22.74	264	95297	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.66	112	177851	106.19	ng	0.00
7) Phenol-d6	7.06	99	224246	106.14	ng	0.00
23) Nitrobenzene-d5	8.96	82	142782	65.17	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	54719	114.60	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	292154	75.59	ng	0.00
78) Terphenyl-d14	19.79	244	330192	68.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.10	88	19689	27.46	ng	97
3) Pyridine	1.55	79	53585	28.88	ng	90
4) n-Nitrosodimethylamine	1.50	42	26313	28.63	ng	# 98
6) Aniline	6.94	93	45682	15.62	ng	98
8) 2-Chlorophenol	7.17	128	65187	33.76	ng	97
9) Benzaldehyde	6.69	77	4896	2.98	ng	# 83
10) Phenol	7.08	94	72205	32.18	ng	90
11) bis(2-Chloroethyl)ether	7.20	93	58640	33.41	ng	# 75
12) 1,3-Dichlorobenzene	7.48	146	68101	31.00	ng	91
13) 1,4-Dichlorobenzene	7.68	146	73189	31.42	ng	95
14) 1,2-Dichlorobenzene	8.00	146	69492	32.38	ng	96
15) Benzyl Alcohol	8.10	79	56621	33.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	79180	33.56	ng	92
17) 2-Methylphenol	8.45	107	50300	31.88	ng	97
18) Hexachloroethane	8.74	117	27648	34.13	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	49189	33.26	ng	98
20) 3+4-Methylphenols	8.84	107	57311	27.43	ng	98
22) Acetophenone	8.65	105	96244	32.37	ng	99
24) Nitrobenzene	9.00	77	69124	30.97	ng	98
25) Isophorone	9.60	82	126303	31.66	ng	99
26) 2-Nitrophenol	9.74	139	32061	28.79	ng	95
27) 2,4-Dimethylphenol	10.03	122	55525	32.17	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	76880	33.90	ng	98
29) 2,4-Dichlorophenol	10.35	162	46260	28.76	ng	94
30) 1,2,4-Trichlorobenzene	10.46	180	59293	33.19	ng	99
31) Naphthalene	10.60	128	196981	31.52	ng	97
32) Benzoic acid	10.45	122	3727	3.90	ng	# 72
33) 4-Chloroaniline	10.86	127	40634	16.09	ng	96
34) Hexachlorobutadiene	10.97	225	32540	30.70	ng	89
35) Caprolactam	11.72	113	11788	24.89	ng	# 86
36) 4-Chloro-3-methylphenol	12.17	107	57919	31.45	ng	92
37) 2-Methylnaphthalene	12.26	142	136712	32.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	53912	37.07	ng	98
40) Hexachlorocyclopentadiene	12.65	237	50241	65.08	ng	100

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077204.D
 Acq On : 6 Feb 2015 16:18
 Operator : TP/IZ
 Sample : PB81636BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Quant Time: Feb 06 22:57:24 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 22:20:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	35359	33.37	nq	98
43) 2,4,5-Trichlorophenol	13.12	196	28289	26.18	nq	# 89
45) 1,1'-Biphenyl	13.40	154	163659	37.53	nq	97
46) 2-Chloronaphthalene	13.38	162	128229	35.73	nq	98
47) 2-Nitroaniline	13.73	65	38986	35.81	nq	92
48) Acenaphthylene	14.33	152	204952	33.86	nq	99
49) Dimethylphthalate	14.29	163	155276	37.22	nq	98
50) 2,6-Dinitrotoluene	14.39	165	32738	39.28	nq	99
51) Acenaphthene	14.75	154	120544	35.10	nq	97
52) 3-Nitroaniline	14.74	138	23374	22.48	nq	82
53) 2,4-Dinitrophenol	15.03	184	15260	45.04	nq	# 87
54) Dibenzofuran	15.17	168	188701	37.72	nq	98
55) 4-Nitrophenol	15.35	139	36607	55.98	nq	97
56) 2,4-Dinitrotoluene	15.32	165	45727	37.10	nq	91
57) Fluorene	15.94	166	158721	37.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	26156	33.24	nq	# 88
59) Diethylphthalate	15.95	149	171261	40.62	nq	99
60) 4-Chlorophenyl-phenylether	16.04	204	65815	37.95	nq	# 85
61) 4-Nitroaniline	16.10	138	30579	29.67	nq	94
62) Azobenzene	16.33	77	172864	39.35	nq	95
64) 4,6-Dinitro-2-methylphenol	16.18	198	18128	26.32	nq	92
65) n-Nitrosodiphenylamine	16.29	169	132173	32.49	nq	97
66) 4-Bromophenyl-phenylether	16.91	248	39473	34.15	nq	# 86
67) Hexachlorobenzene	16.92	284	40545	33.28	nq	93
68) Atrazine	17.30	200	45102	36.53	nq	98
69) Pentachlorophenol	17.30	266	26100	49.59	nq	94
70) Phenanthrene	17.57	178	226381	31.82	nq	100
71) Anthracene	17.65	178	220510	31.78	nq	98
72) Carbazole	17.95	167	215038	31.95	nq	98
73) Di-n-butylphthalate	18.55	149	276926	35.55	nq	99
74) Fluoranthene	19.23	202	231268	31.72	nq	98
76) Benzydine	19.48	184	99358	28.13	nq	98
77) Pyrene	19.52	202	245766	32.49	nq	99
79) Butylbenzylphthalate	20.45	149	124293	36.28	nq	93
80) Benzo(a)anthracene	21.04	228	217088	31.35	nq	99
81) 3,3'-Dichlorobenzidine	21.06	252	52693	23.94	nq	# 96
82) Chrysene	21.08	228	207857	32.91	nq	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	177689	37.49	nq	# 95
84) Di-n-octyl phthalate	21.97	149	311436	37.86	nq	99
87) Benzo(b)fluoranthene	22.32	252	202076	31.48	nq	# 96
88) Benzo(k)fluoranthene	22.32	252	202062	36.03	nq	98
89) Benzo(a)pyrene	22.68	252	195354	34.51	nq	98
90) Dibenzo(a,h)anthracene	23.93	278	161628	31.11	nq	# 93

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

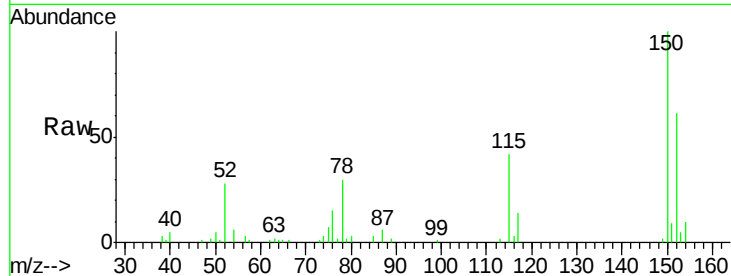


#1

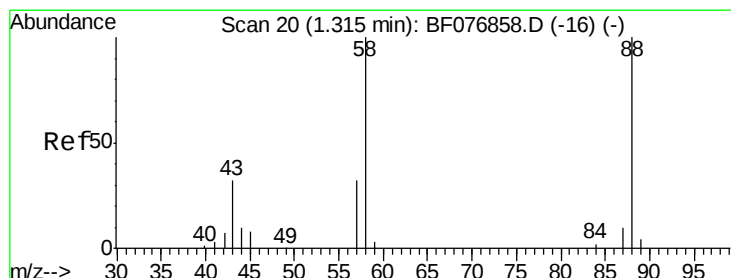
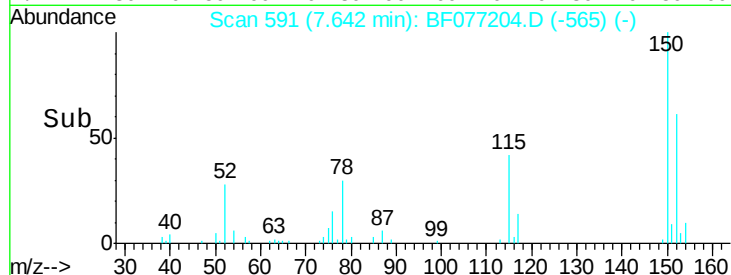
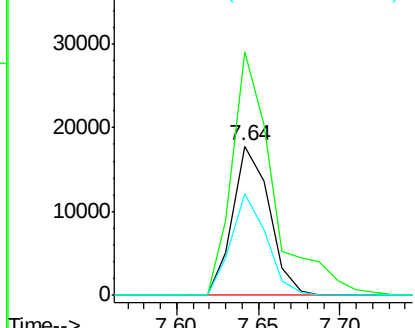
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:152 Resp: 27536
Ion Ratio Lower Upper
152 100
150 163.4 121.7 182.5
115 68.1 47.0 70.6



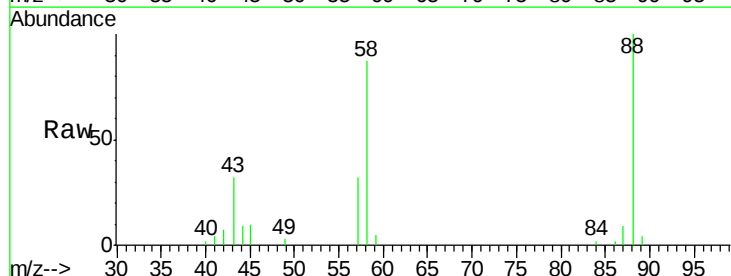
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



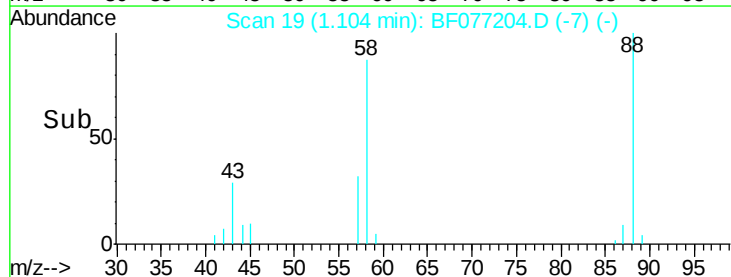
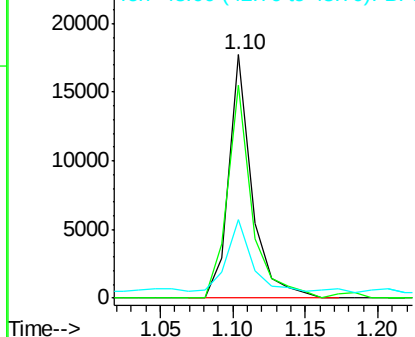
#2

1,4-Dioxane
Concen: 27.46 ng
RT: 1.10 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion: 88 Resp: 19689
Ion Ratio Lower Upper
88 100
58 92.7 77.0 115.4
43 33.5 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: 28.88 ng

RT: 1.55 min Scan# 58

Delta R.T. 0.03 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

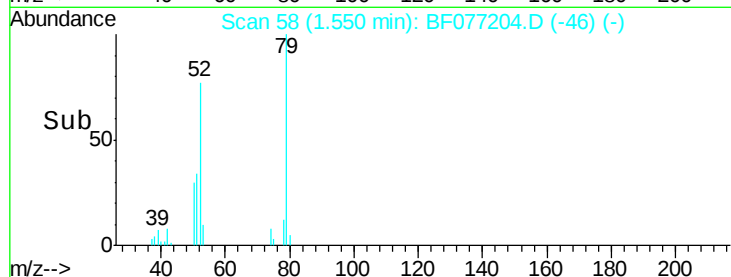
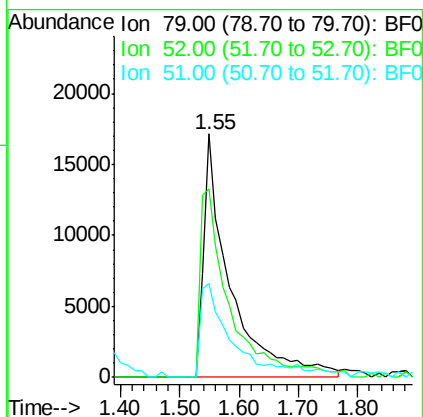
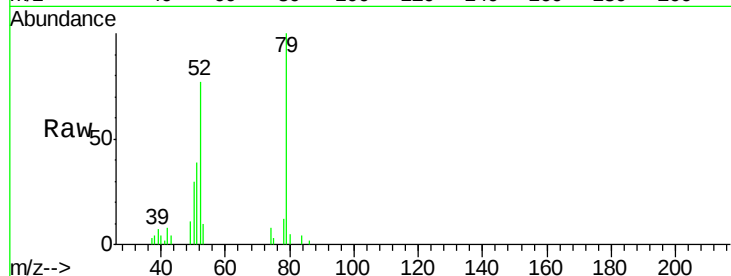
Tot Ion: 79 Resp: 53585

Ion Ratio Lower Upper

79 100

52 77.3 70.1 105.1

51 38.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 28.63 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

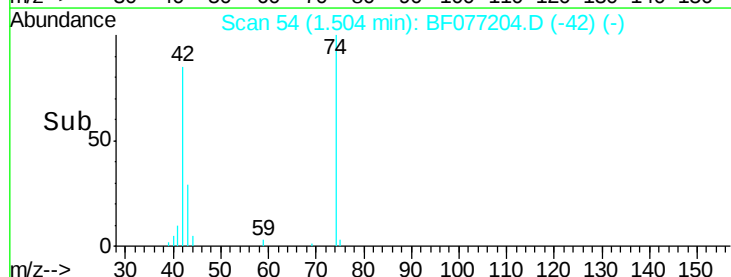
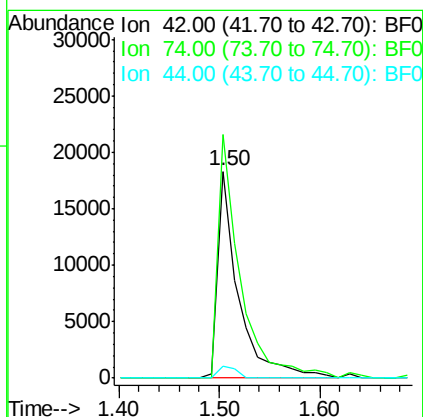
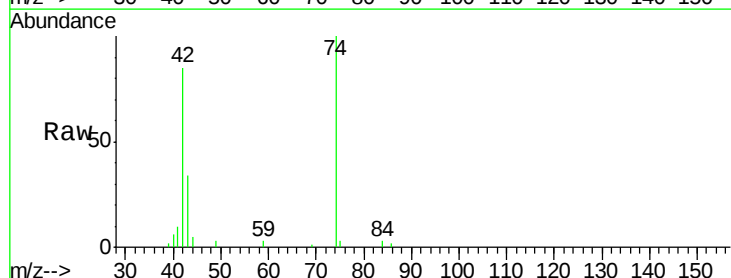
Tgt Ion: 42 Resp: 26313

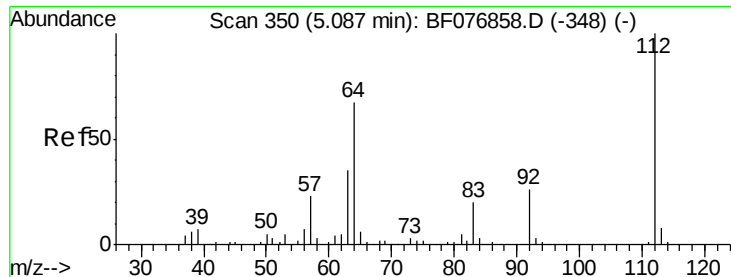
Ion Ratio Lower Upper

42 100

74 117.6 92.4 138.6

44 5.7 6.2 9.2#





#5

2-Fluorophenol

Concen: 106.19 ng

RT: 4.66 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

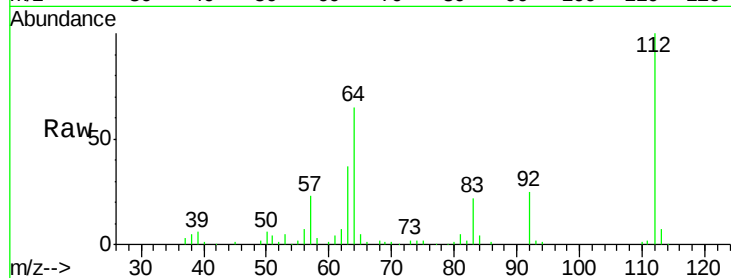
Tot Ion: 112 Resp: 177851

Ion Ratio Lower Upper

112 100

64 64.9 54.2 81.4

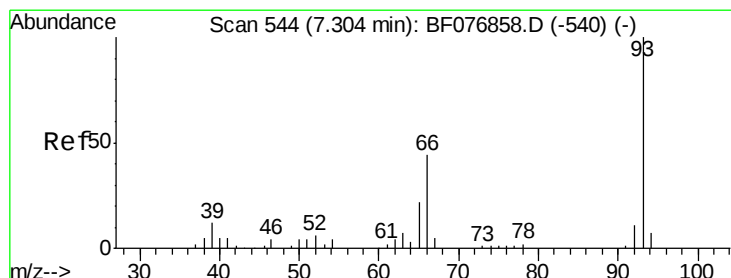
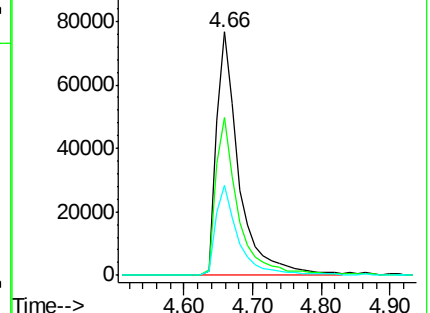
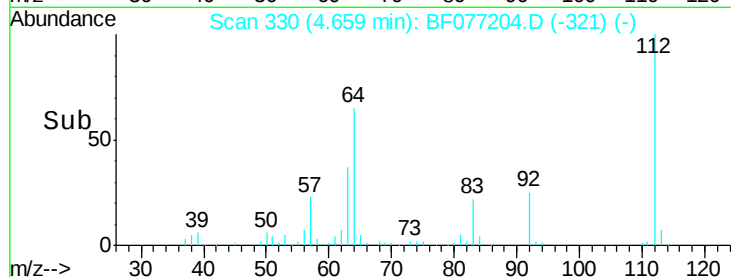
63 37.0 28.4 42.6



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: 15.62 ng

RT: 6.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

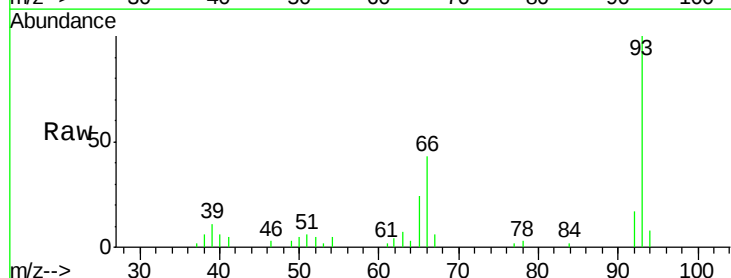
Tgt Ion: 93 Resp: 45682

Ion Ratio Lower Upper

93 100

66 42.7 35.0 52.4

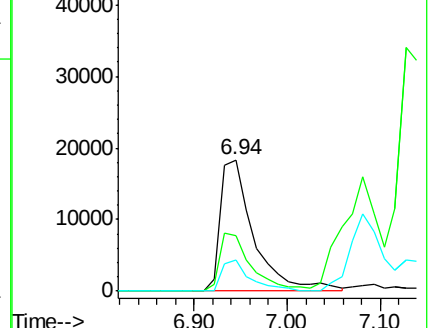
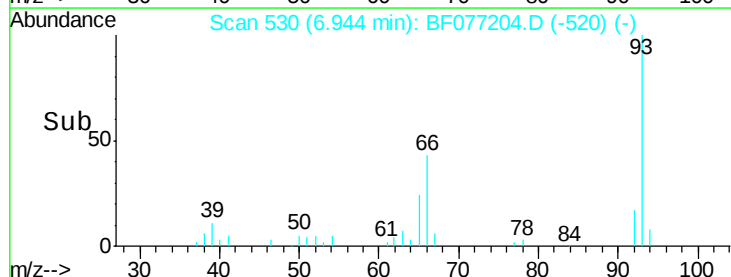
65 24.1 17.7 26.5

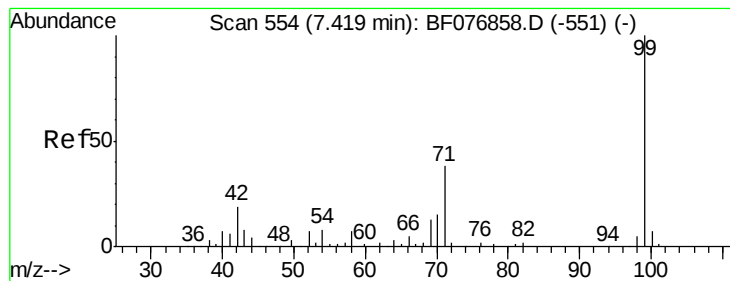


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.14 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

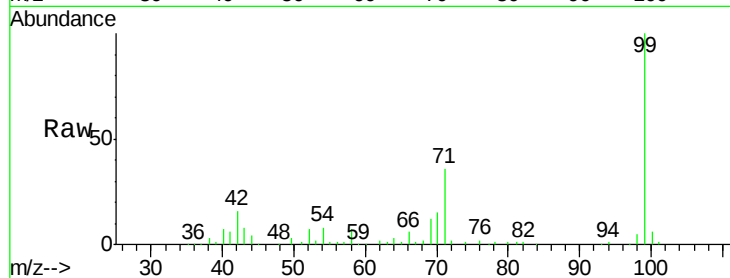
Tot Ion: 99 Resp: 224246

Ion Ratio Lower Upper

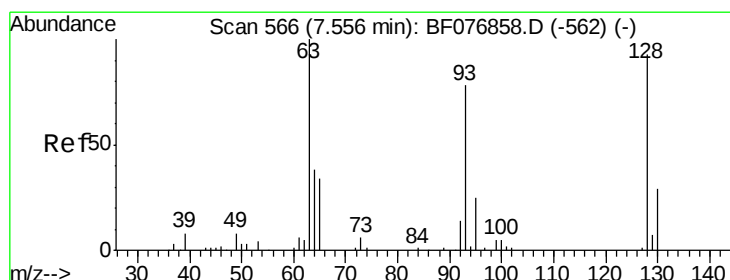
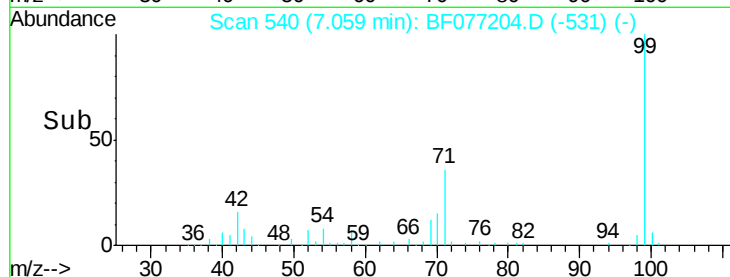
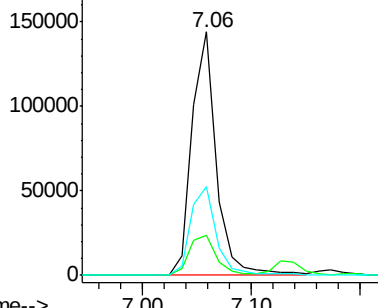
99 100

42 16.3 15.0 22.4

71 36.5 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.76 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

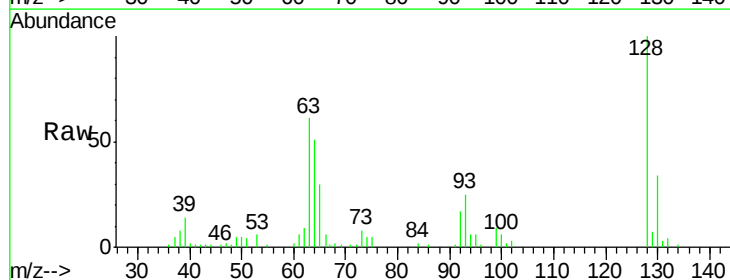
Tgt Ion: 128 Resp: 65187

Ion Ratio Lower Upper

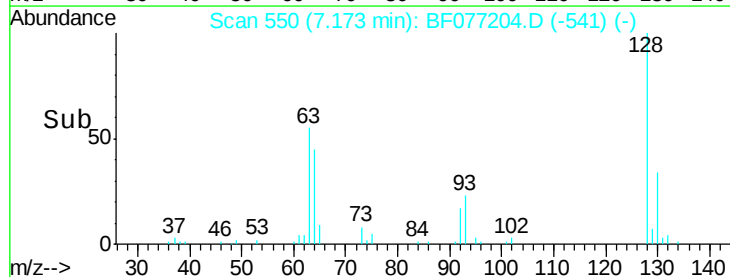
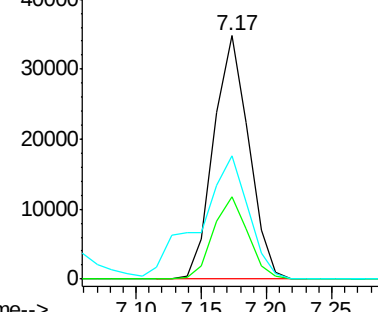
128 100

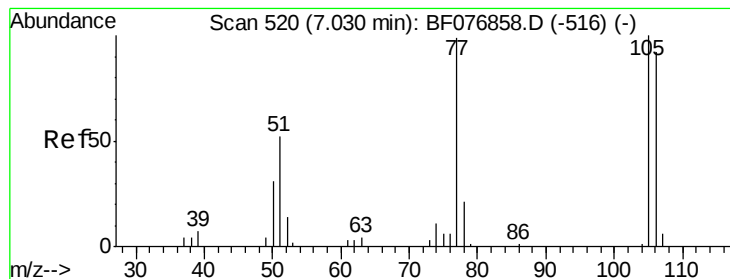
130 33.8 11.0 51.0

64 50.9 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: 2.98 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.05 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

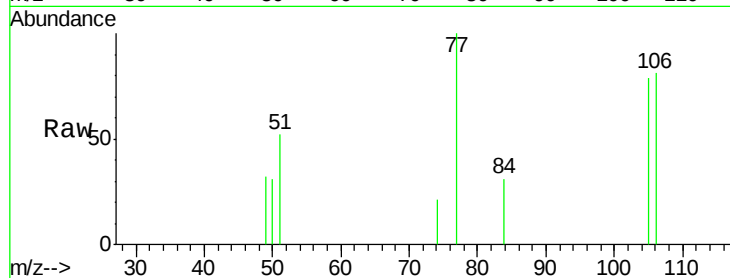
Tot Ion: 77 Resp: 4896

Ion Ratio Lower Upper

77 100

105 79.3 81.4 121.4#

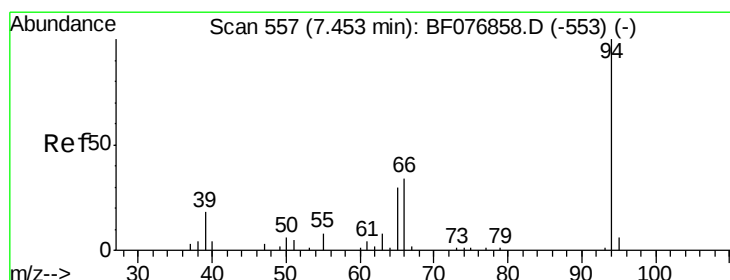
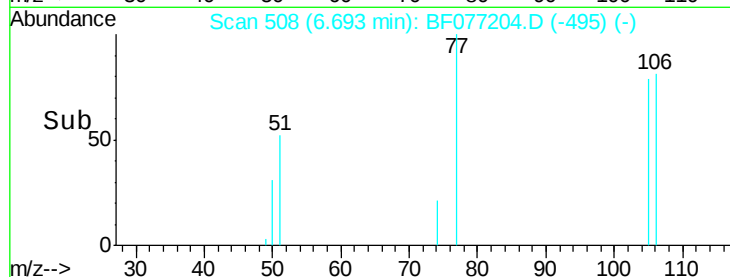
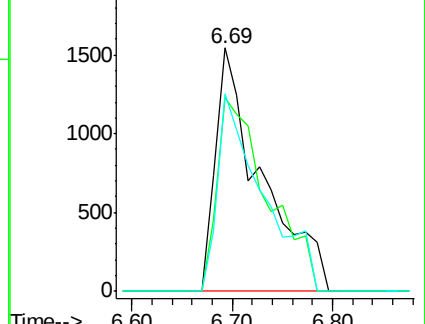
106 81.0 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.18 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

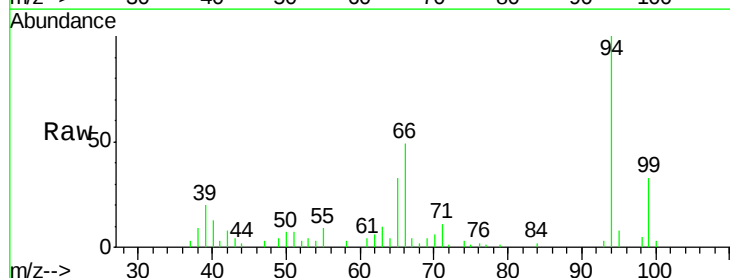
Tgt Ion: 94 Resp: 72205

Ion Ratio Lower Upper

94 100

65 32.9 11.3 51.3

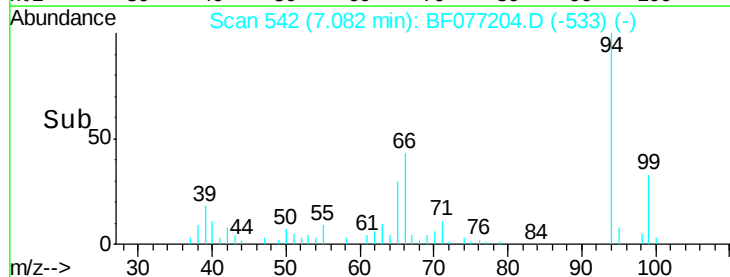
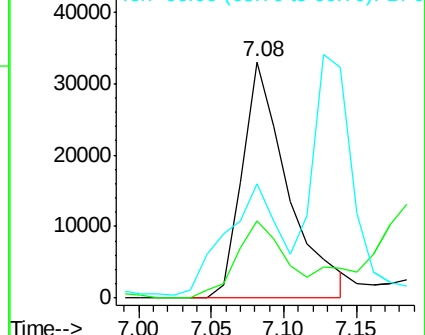
66 48.6 19.5 59.5

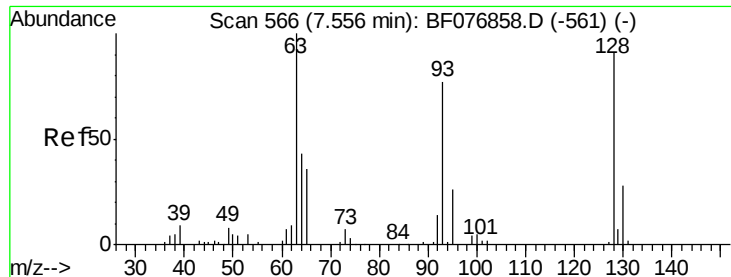


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.41 ng

RT: 7.20 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

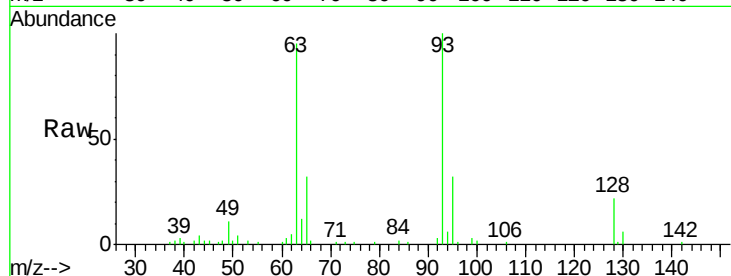
Tot Ion: 93 Resp: 58640

Ion Ratio Lower Upper

93 100

63 95.2 111.3 151.3#

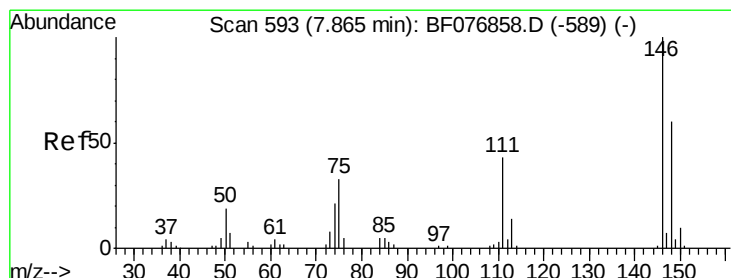
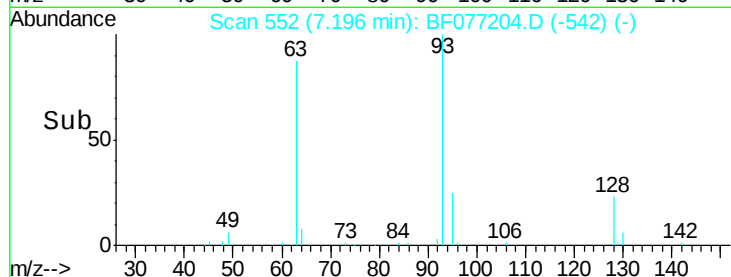
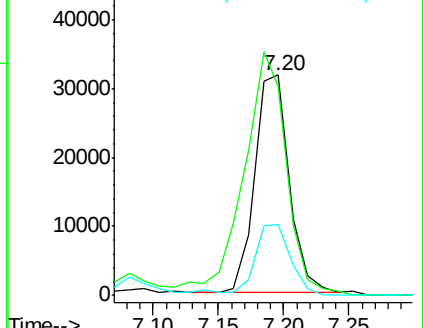
95 32.3 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.00 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

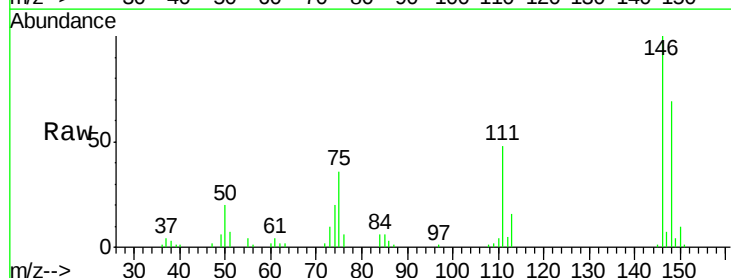
Tgt Ion: 146 Resp: 68101

Ion Ratio Lower Upper

146 100

148 68.8 48.1 72.1

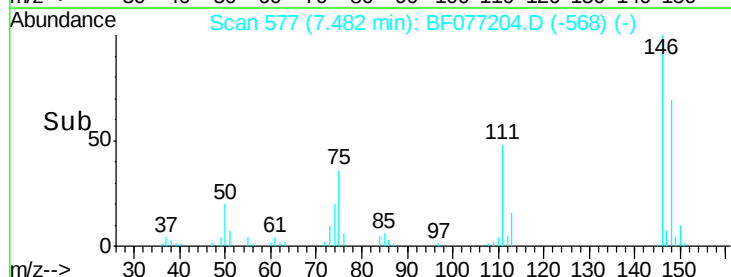
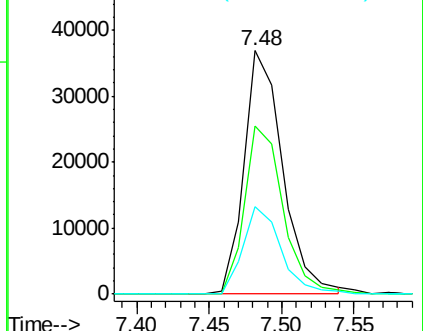
75 35.7 26.8 40.2

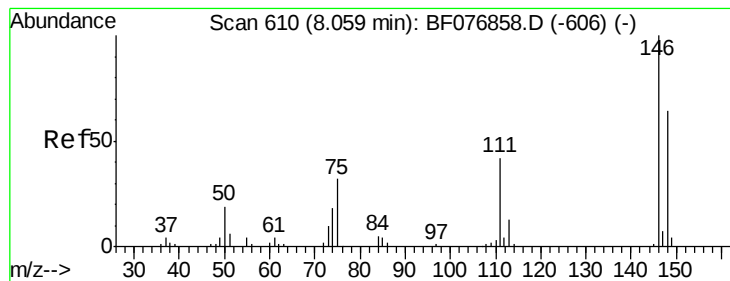


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 31.42 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

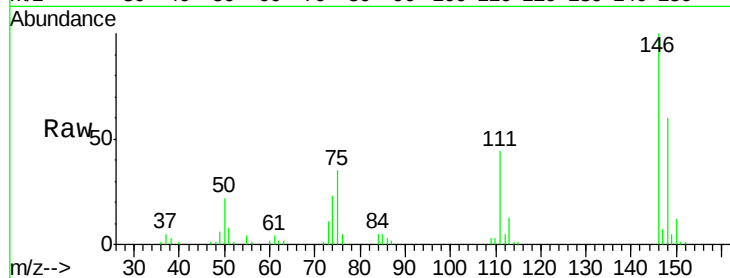
Tot Ion:146 Resp: 73189

Ion Ratio Lower Upper

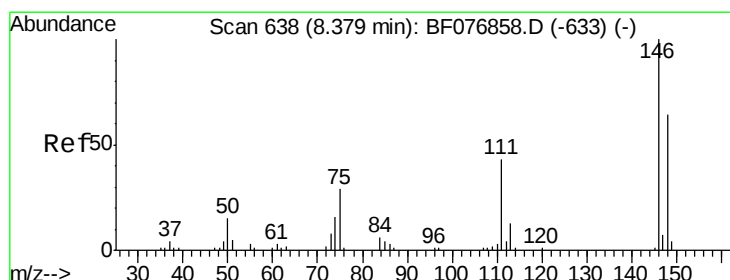
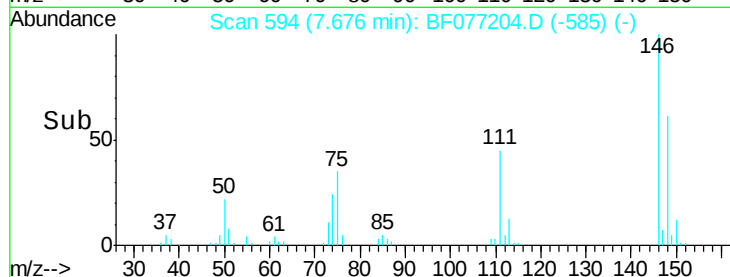
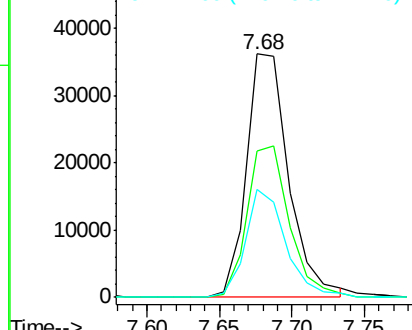
146 100

148 60.0 51.5 77.3

111 44.4 33.9 50.9



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



#14

1,2-Dichlorobenzene

Concen: 32.38 ng

RT: 8.00 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

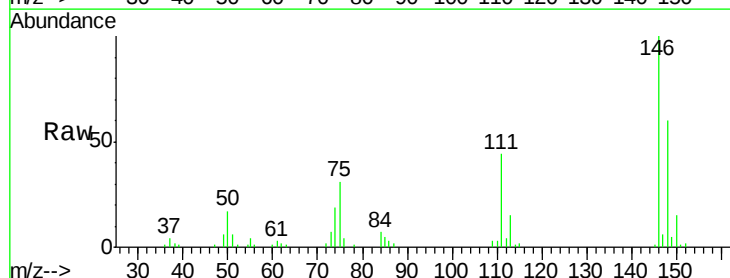
Tgt Ion:146 Resp: 69492

Ion Ratio Lower Upper

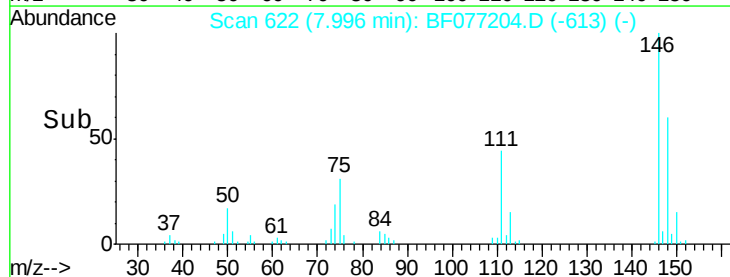
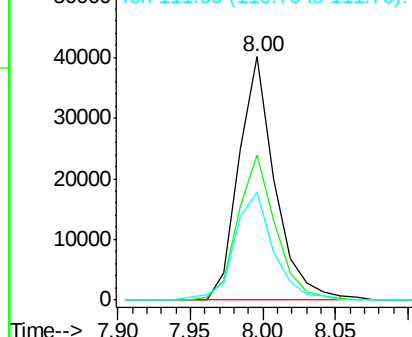
146 100

148 59.8 51.3 76.9

111 44.2 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 33.12 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

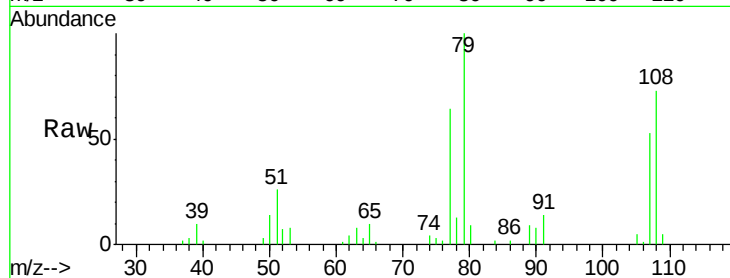
Tot Ion: 79 Resp: 56621

Ion Ratio Lower Upper

79 100

108 73.5 57.2 85.8

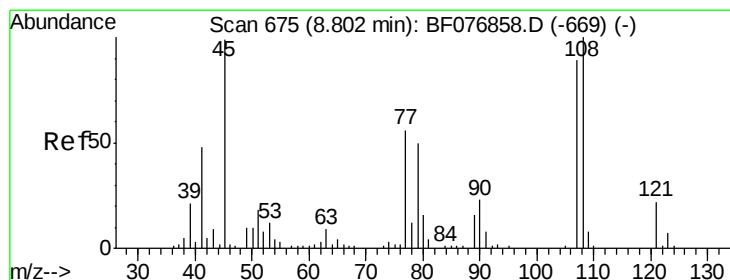
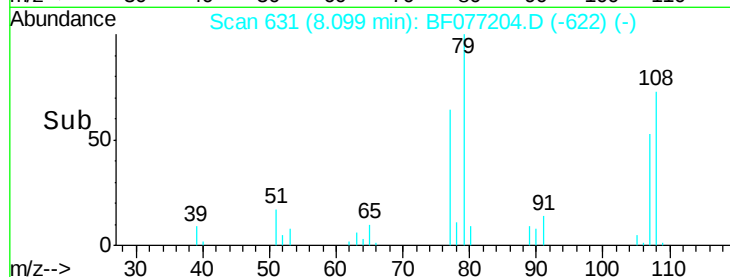
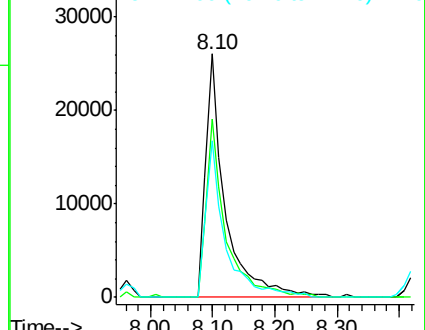
77 64.2 51.2 76.8



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: 33.56 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

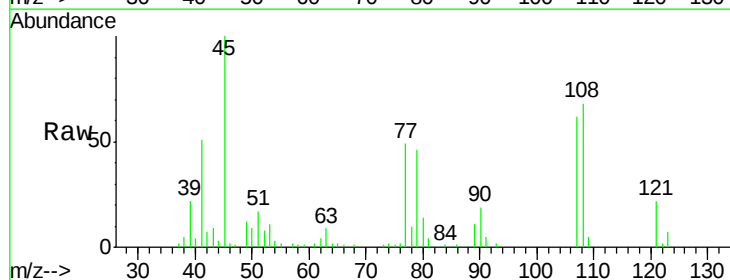
Tgt Ion: 45 Resp: 79180

Ion Ratio Lower Upper

45 100

77 48.6 36.1 76.1

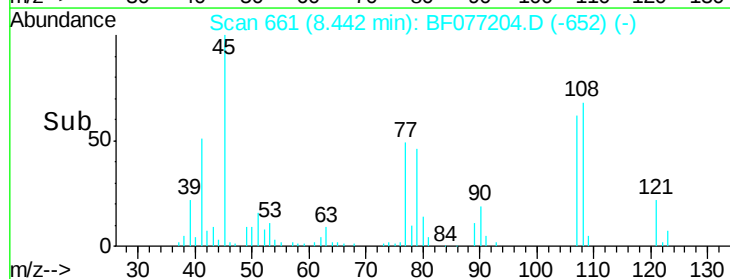
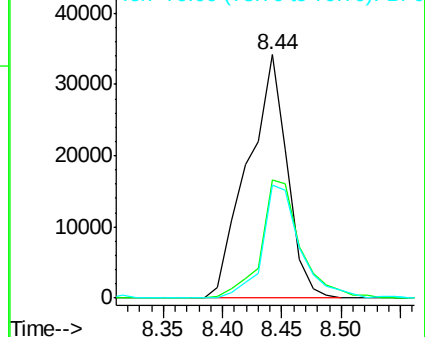
79 46.4 30.5 70.5



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: 31.88 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tot Ion:107 Resp: 50300

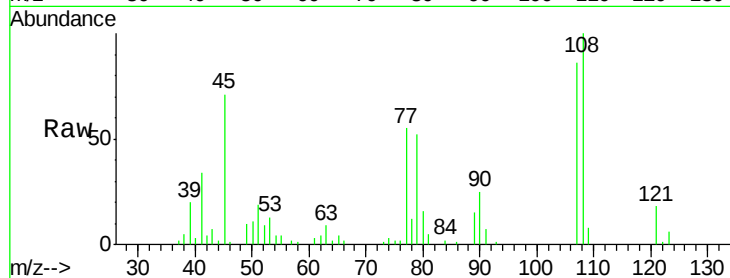
Ion Ratio Lower Upper

107 100

108 115.7 89.7 134.5

77 63.5 50.1 75.1

79 60.0 45.0 67.6



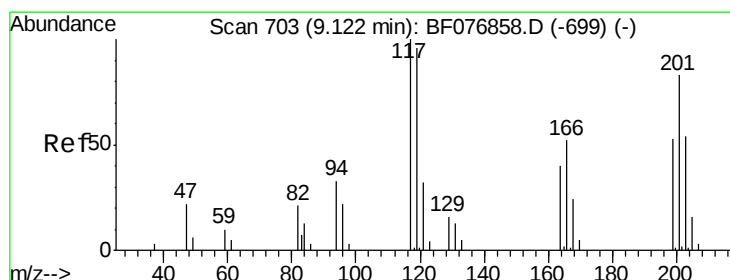
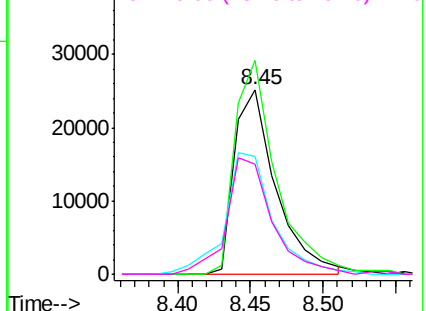
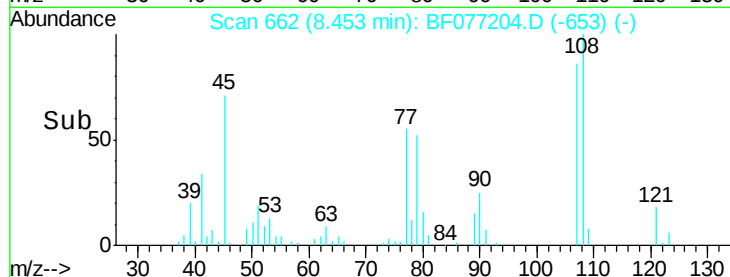
Abundance

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: 34.13 ng

RT: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

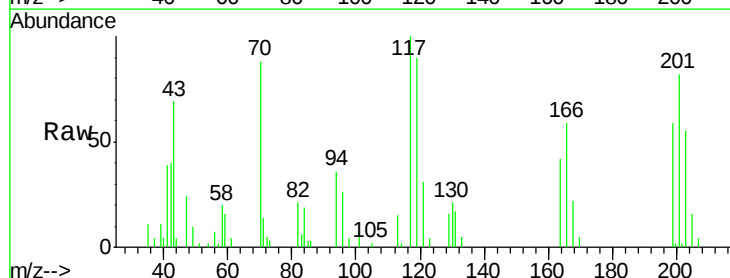
Tgt Ion:117 Resp: 27648

Ion Ratio Lower Upper

117 100

119 90.1 77.1 115.7

201 82.3 66.8 100.2

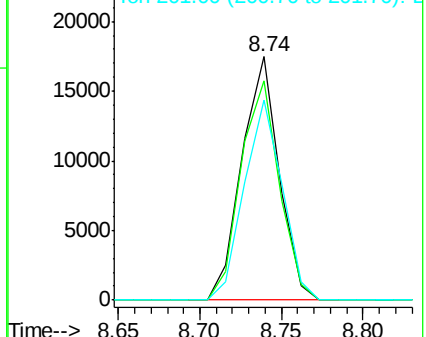
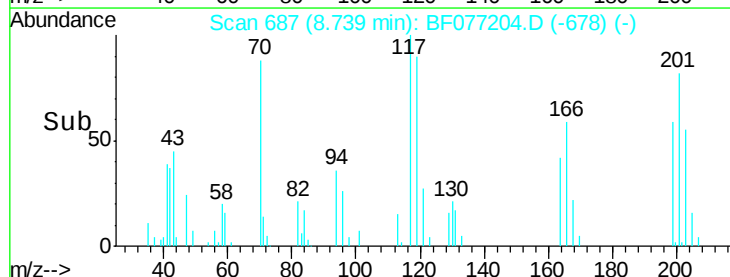


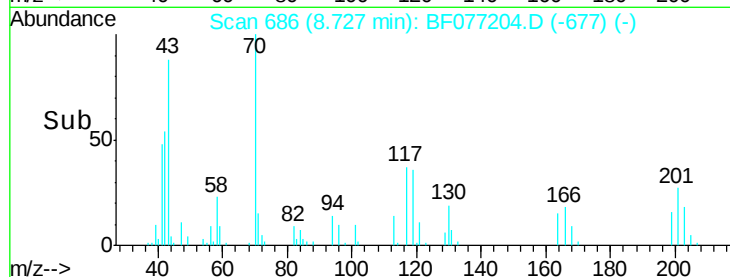
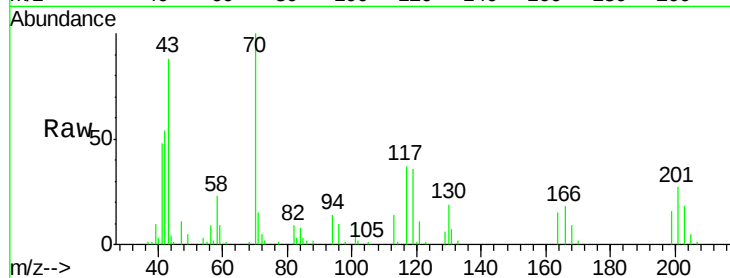
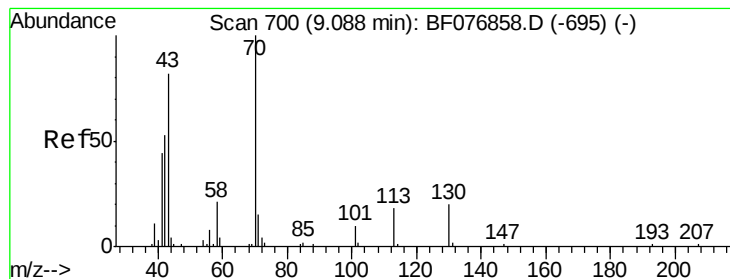
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.26 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tot Ion: 70 Resp: 49189

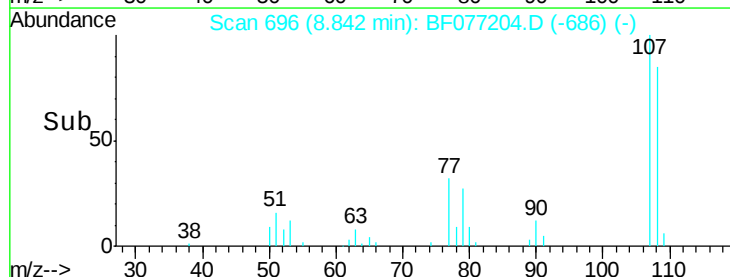
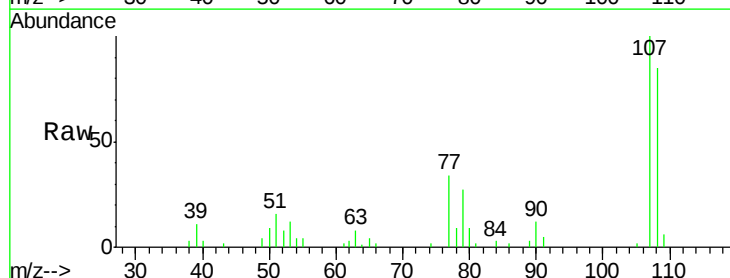
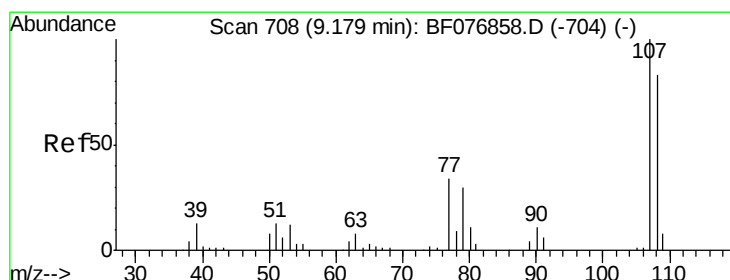
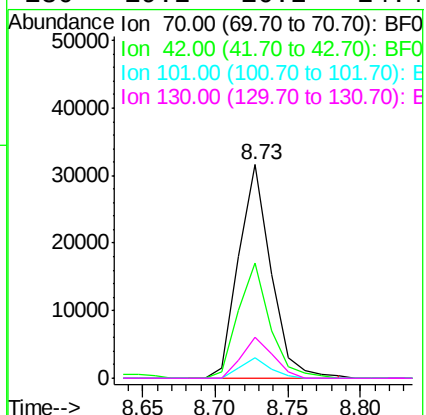
Ion Ratio Lower Upper

70 100

42 54.2 42.1 63.1

101 9.9 7.8 11.8

130 19.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 27.43 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion: 107 Resp: 57311

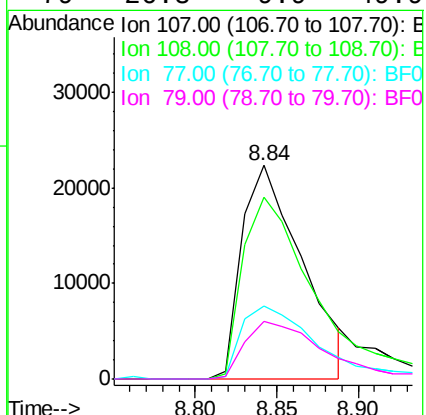
Ion Ratio Lower Upper

107 100

108 85.2 63.5 103.5

77 34.4 14.0 54.0

79 26.8 9.9 49.9

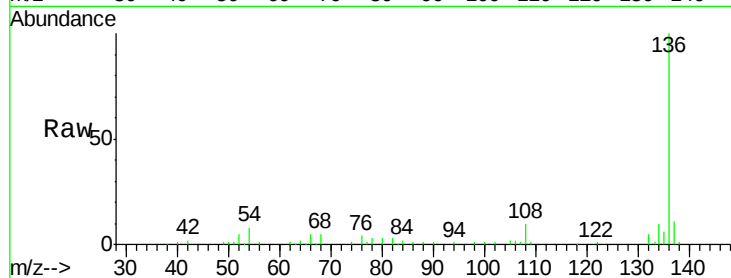




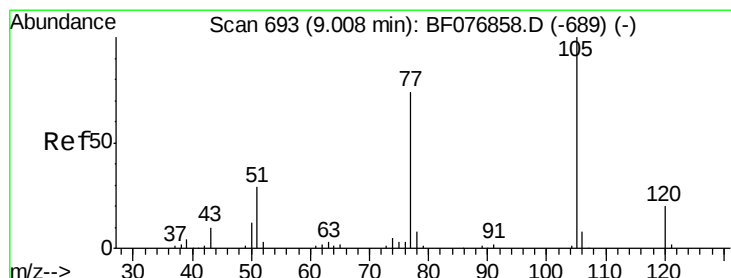
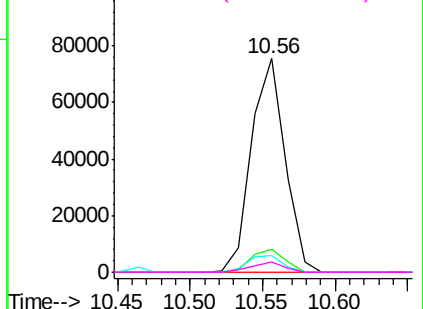
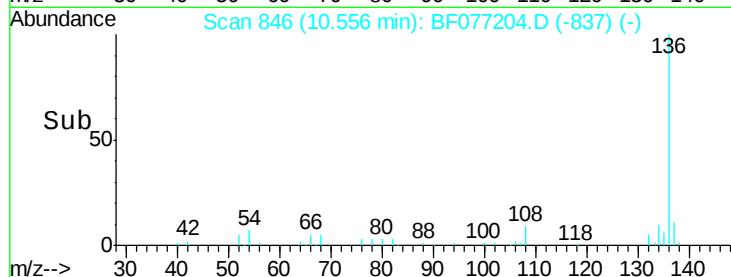
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:136	Resp:	121374
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.1 12.1
54	7.9	7.0 10.4
68	4.5	3.7 5.5

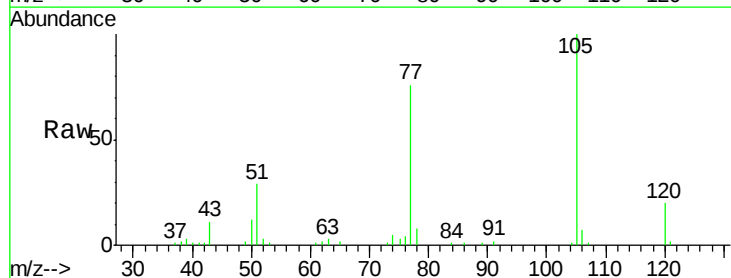


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

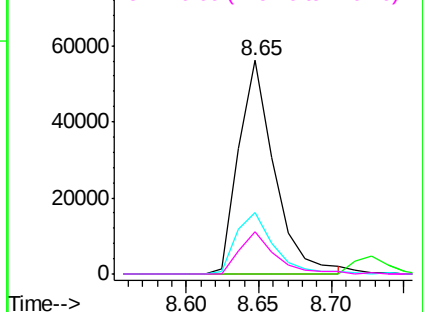
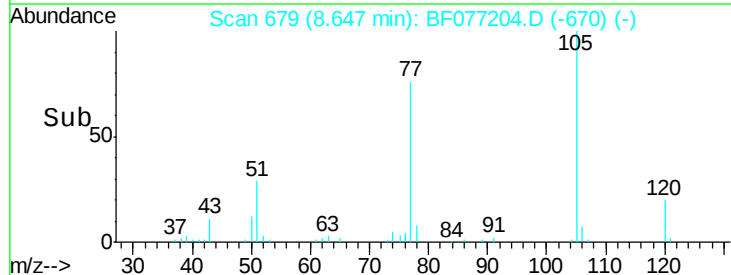


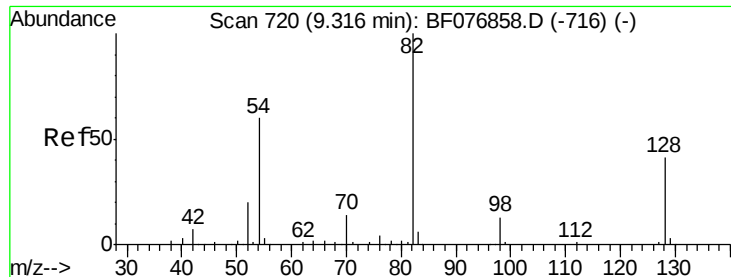
#22
Acetophenone
Concen: 32.37 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:105	Resp:	96244
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	28.7	23.3 34.9
120	19.8	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

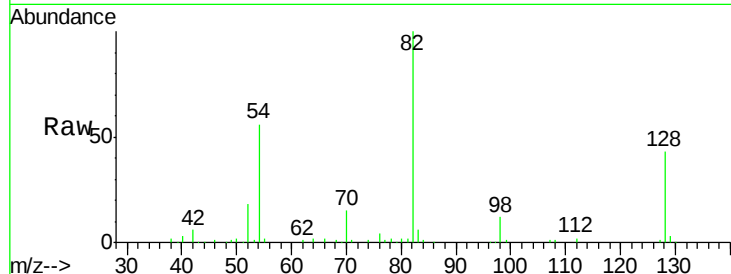




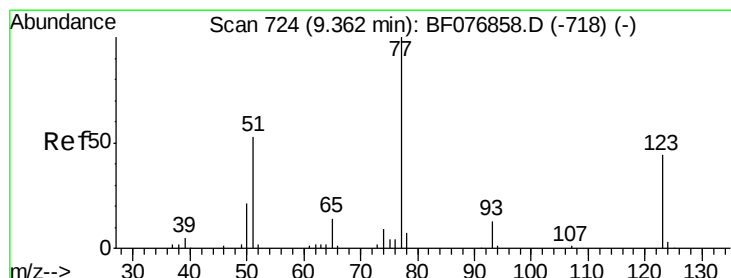
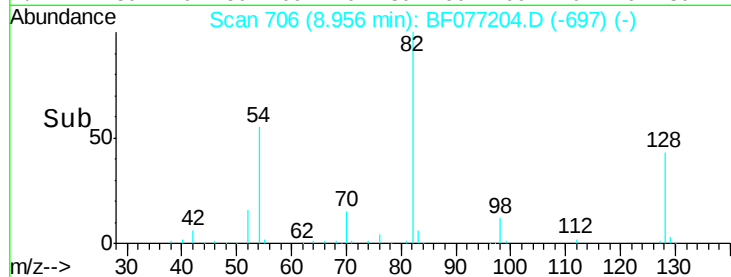
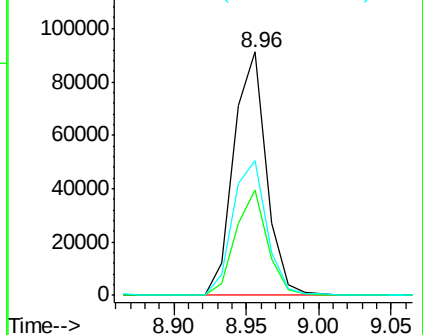
#23
 Nitrobenzene-d5
 Concen: 65.17 ng
 RT: 8.96 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.1	49.7
54	55.5	48.3	72.5

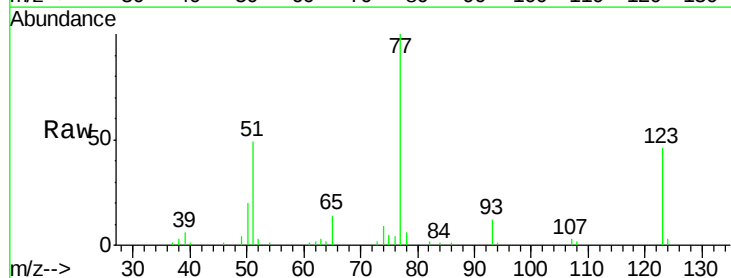


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

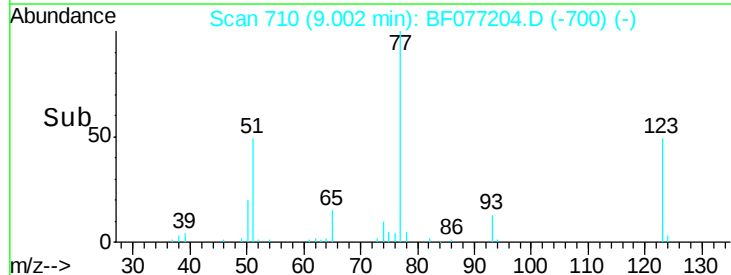
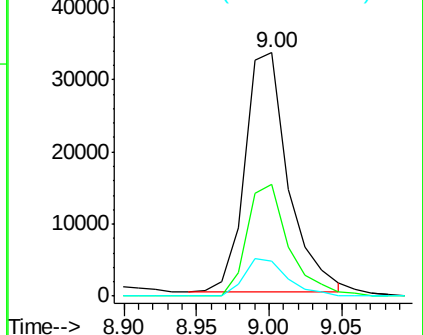


#24
 Nitrobenzene
 Concen: 30.97 ng
 RT: 9.00 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.2	52.8
65	14.4	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: 31.66 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

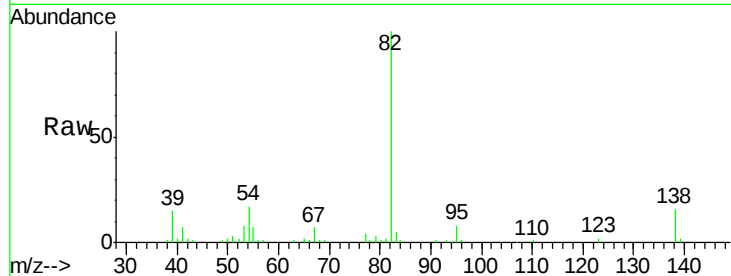
Tot Ion: 82 Resp: 126303

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 16.0 12.6 18.8

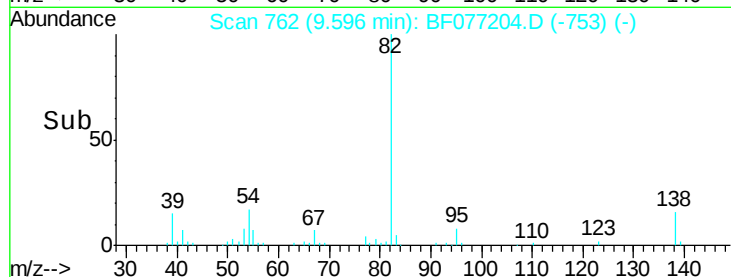


Abundance Ion 82.00 (81.70 to 82.70): BF077204.D (-762) (-)

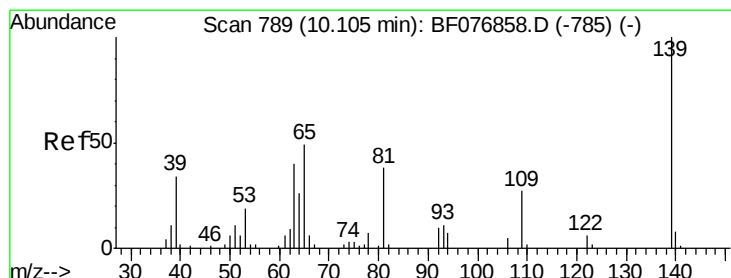
Ion 95.00 (94.70 to 95.70): BF077204.D (-762) (-)

Ion 138.00 (137.70 to 138.70): BF077204.D (-762) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 28.79 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

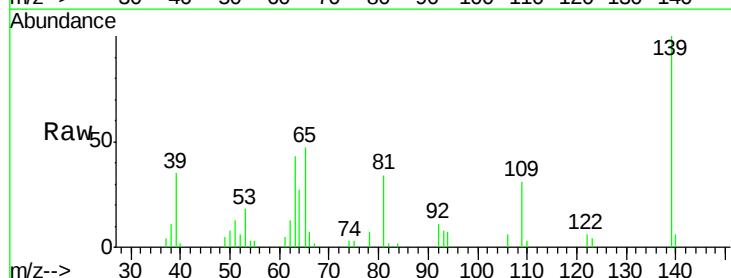
Tgt Ion: 139 Resp: 32061

Ion Ratio Lower Upper

139 100

109 30.8 21.3 31.9

65 46.8 39.4 59.0

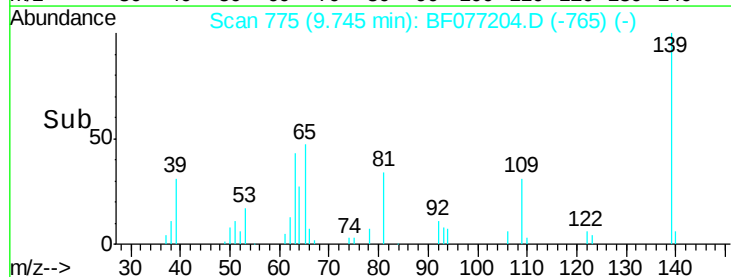


Abundance Ion 139.00 (138.70 to 139.70): BF077204.D (-775) (-)

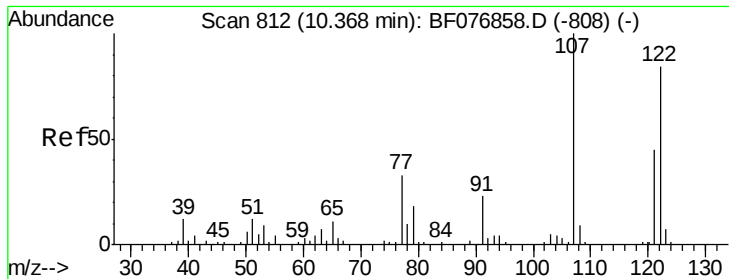
Ion 109.00 (108.70 to 109.70): BF077204.D (-775) (-)

Ion 65.00 (64.70 to 65.70): BF077204.D (-775) (-)

Time-->



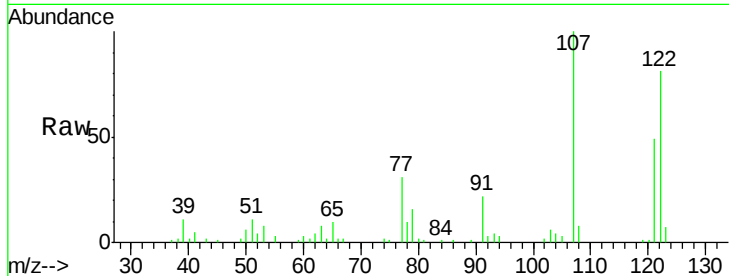
Time-->



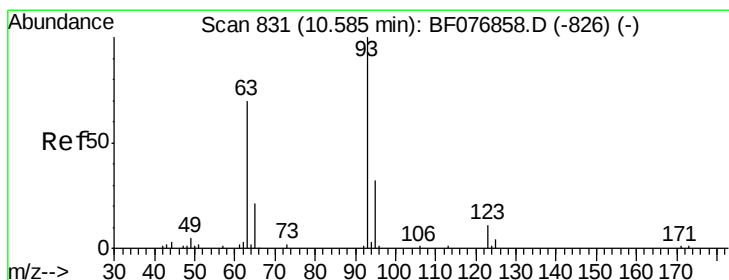
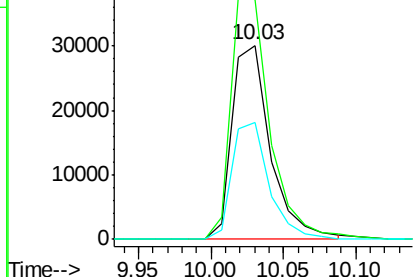
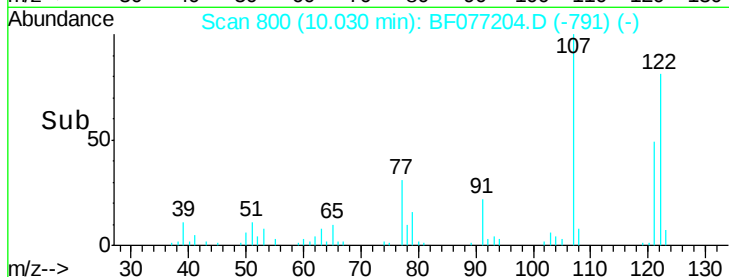
#27
 2,4-Dimethylphenol
 Concen: 32.17 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion:122 Resp: 55525
 Ion Ratio Lower Upper
 122 100
 107 123.5 95.2 142.8
 121 60.3 42.9 64.3

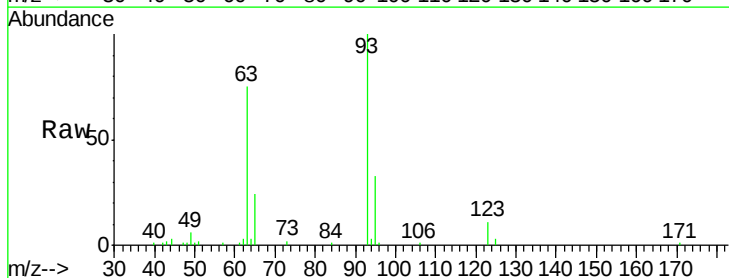


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

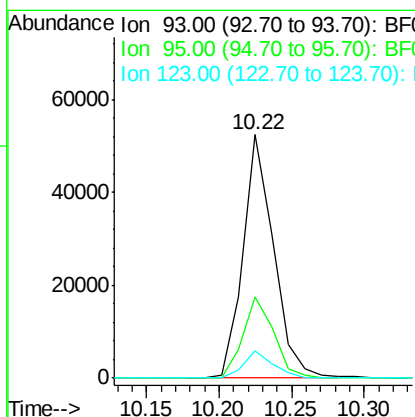
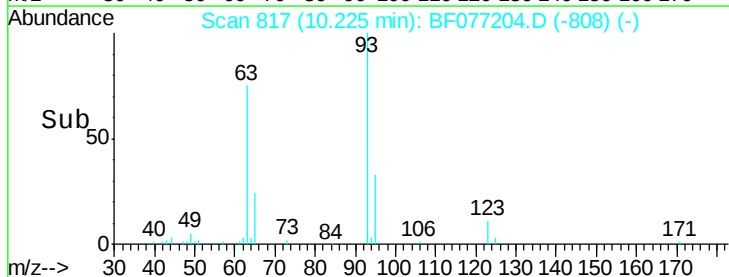


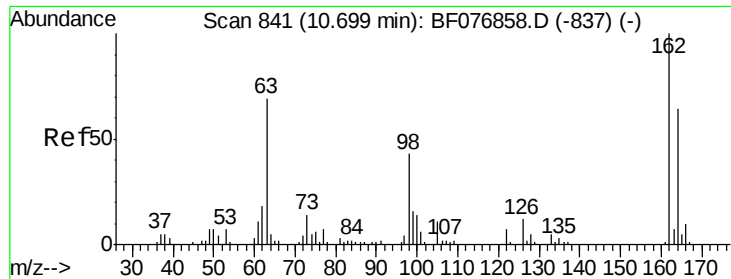
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.90 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion: 93 Resp: 76880
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.6 38.4
 123 11.2 8.9 13.3



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

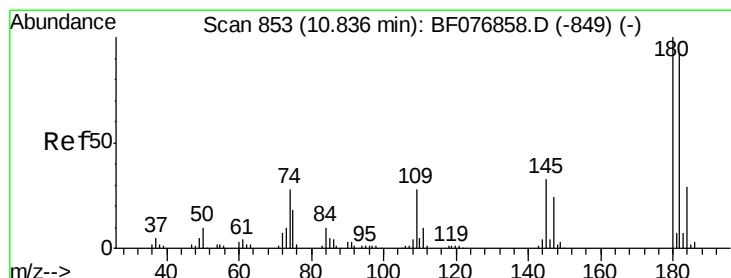
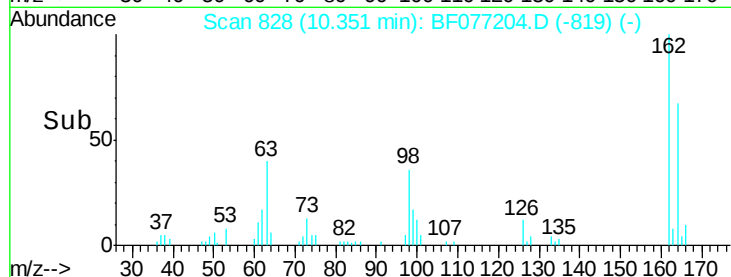
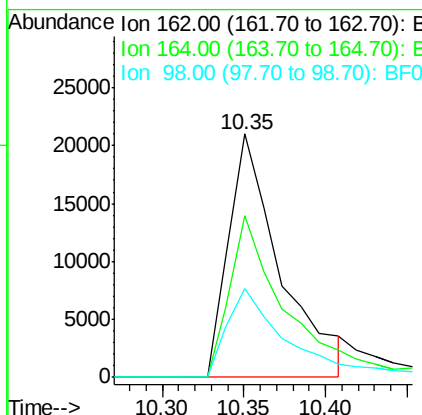
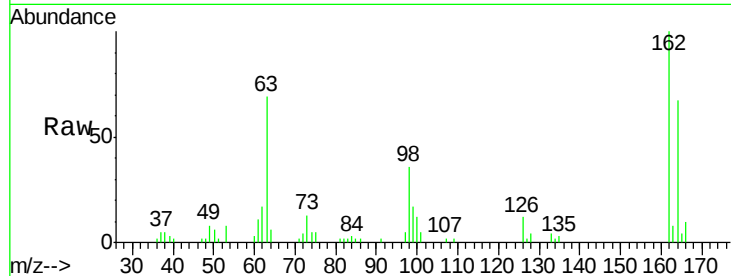




#29
 2,4-Dichlorophenol
 Concen: 28.76 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

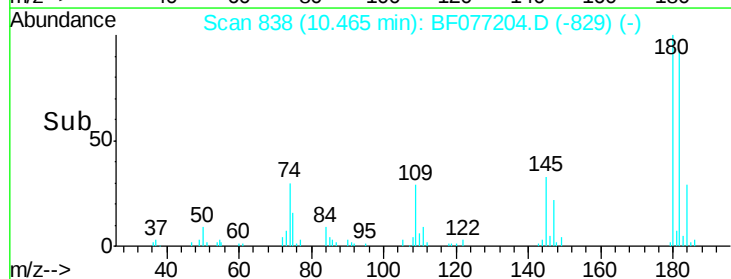
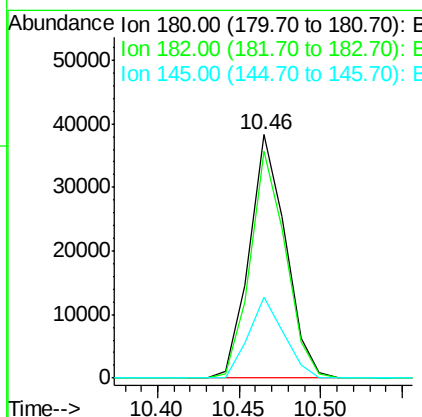
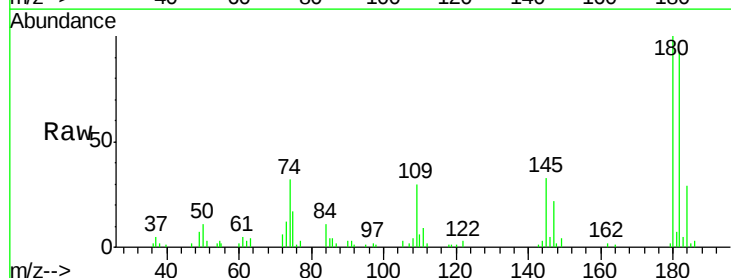
Instrument :
 BNA_F
 ClientSampled :
 PB81636BS

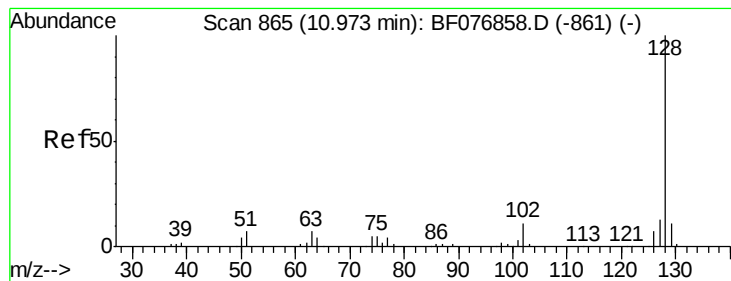
Tot Ion:162 Resp: 46260
 Ion Ratio Lower Upper
 162 100
 164 66.6 43.8 83.8
 98 36.3 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.19 ng
 RT: 10.46 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:180 Resp: 59293
 Ion Ratio Lower Upper
 180 100
 182 93.1 73.6 110.4
 145 33.5 26.6 39.8

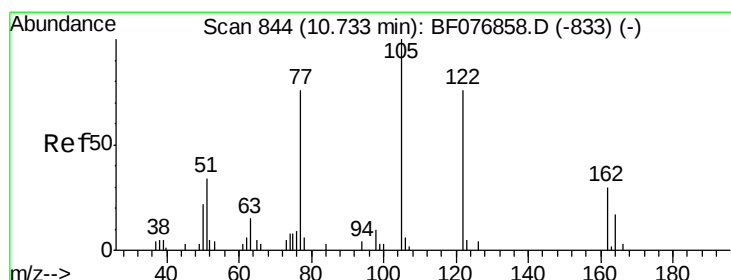
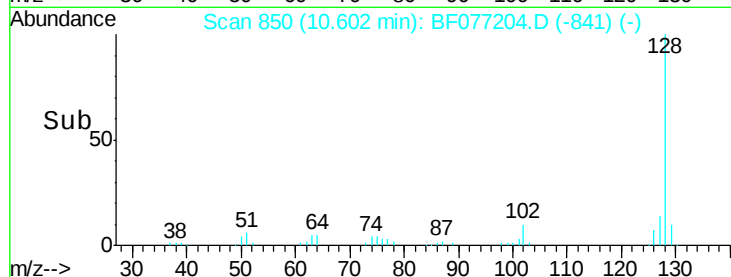
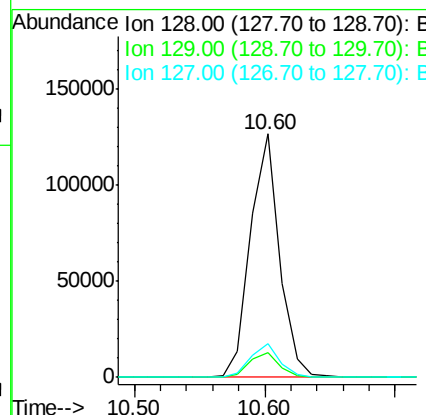
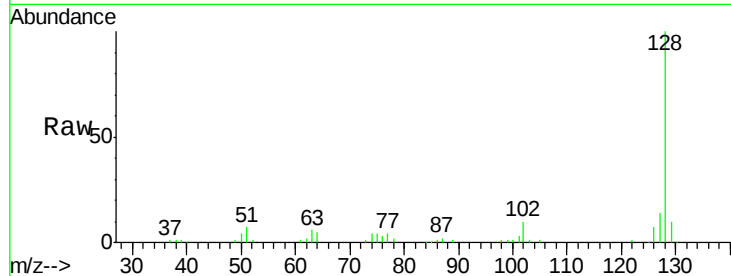




#31
Naphthalene
Concen: 31.52 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

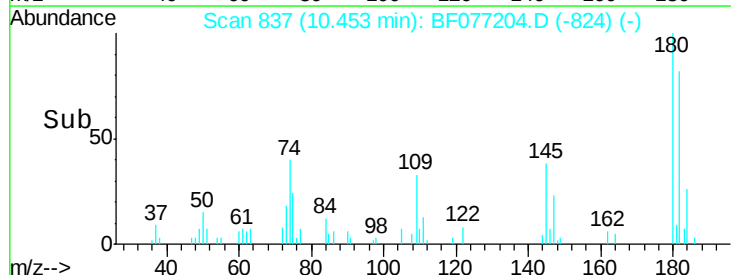
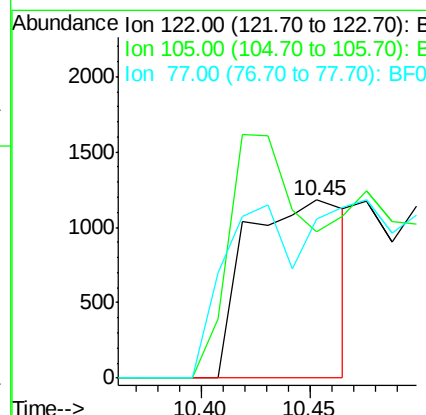
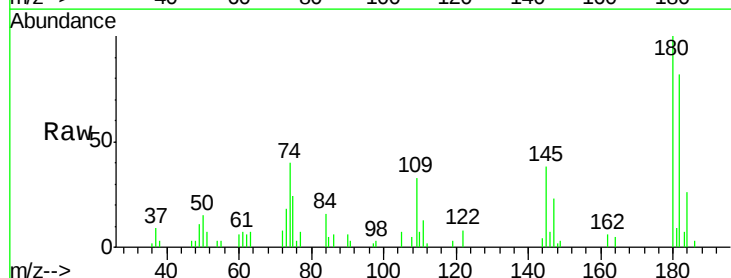
Instrument :
BNA_F
ClientSampleId :
PB81636BS

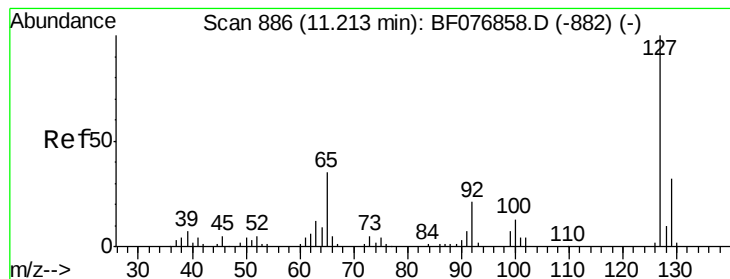
Tot Ion:128 Resp: 196981
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 13.6 10.2 15.2



#32
Benzoic acid
Concen: 3.90 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.05 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:122 Resp: 3727
Ion Ratio Lower Upper
122 100
105 82.3 111.3 151.3#
77 89.6 79.2 119.2





#33

4-Chloroaniline

Concen: 16.09 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tot Ion:127 Resp: 40634

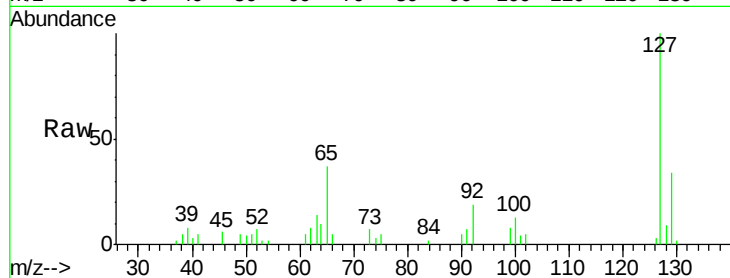
Ion Ratio Lower Upper

127 100

129 33.6 25.3 37.9

65 37.2 27.8 41.6

92 19.1 16.5 24.7

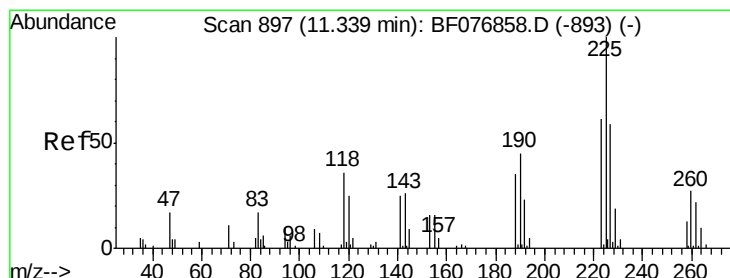
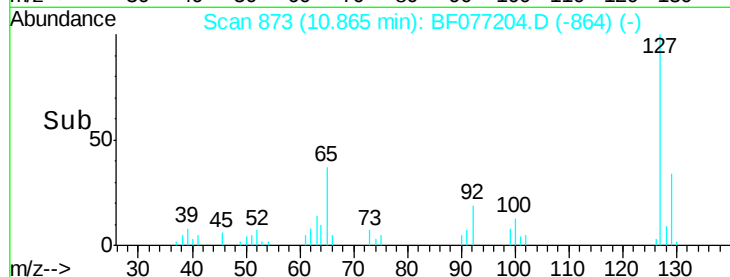
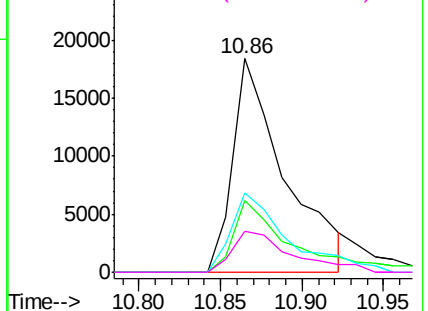


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.70 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

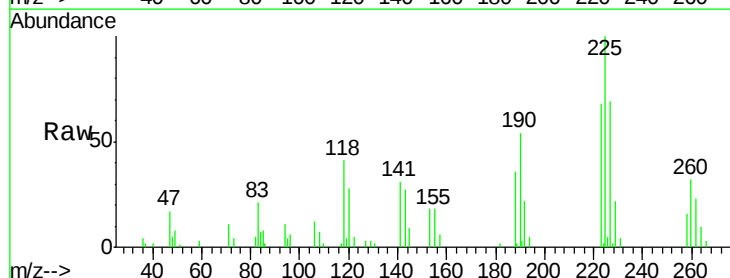
Tgt Ion:225 Resp: 32540

Ion Ratio Lower Upper

225 100

223 68.3 49.1 73.7

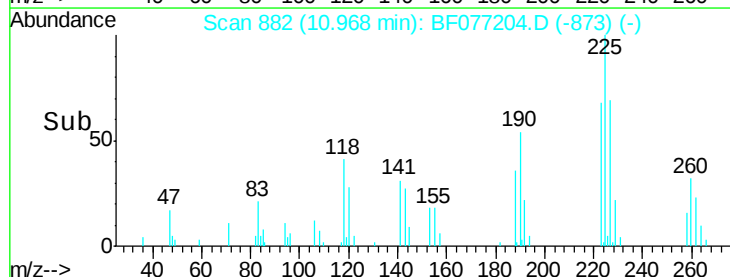
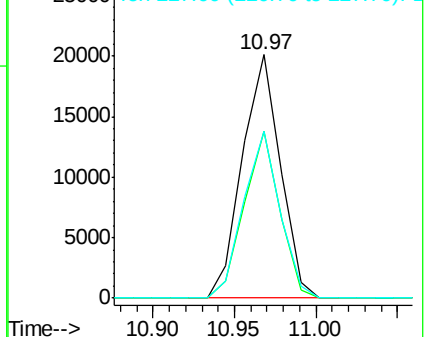
227 68.5 47.5 71.3

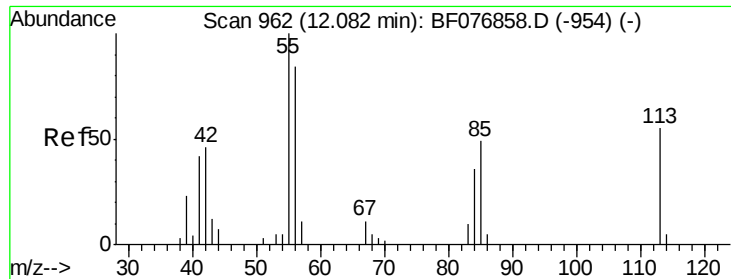


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

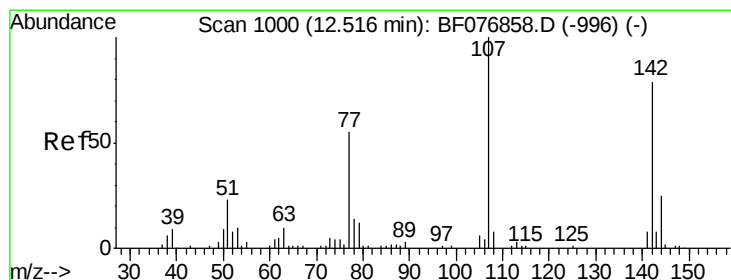
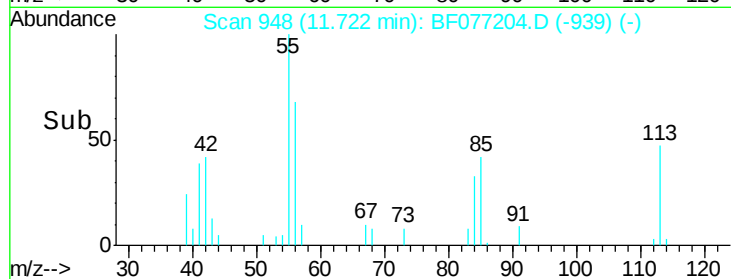
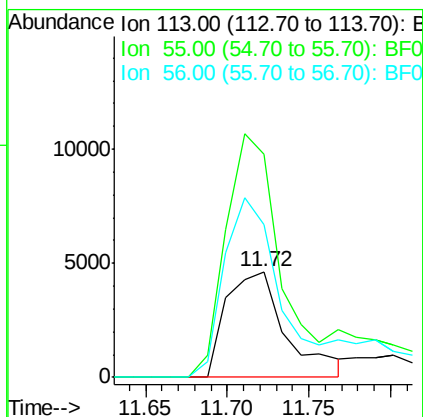
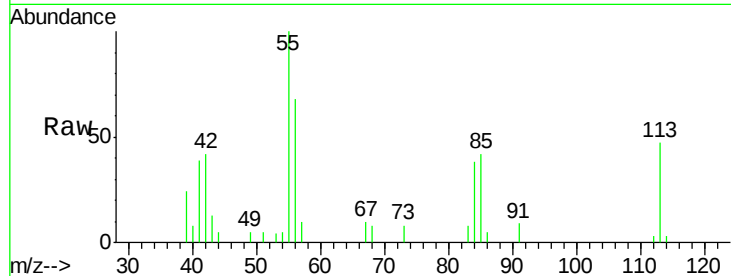




#35
 Caprolactam
 Concen: 24.89 ng
 RT: 11.72 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

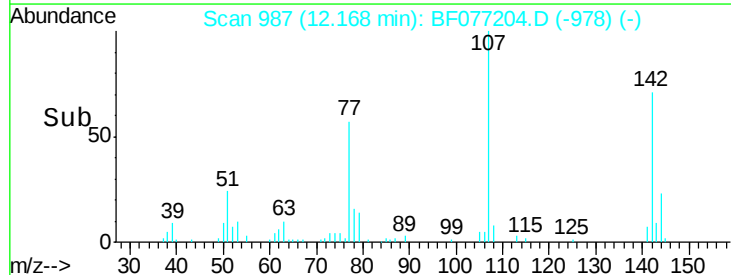
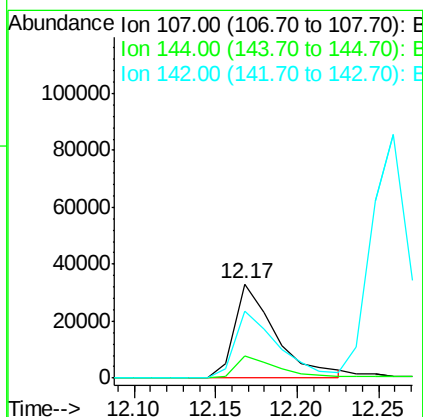
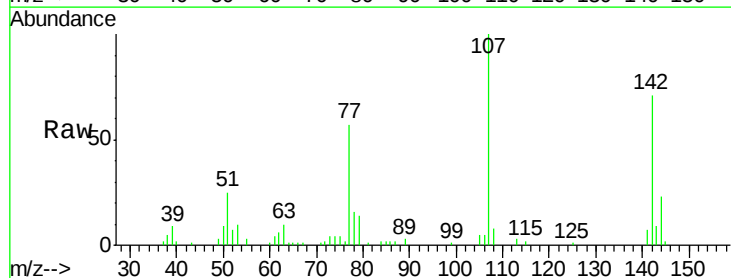
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

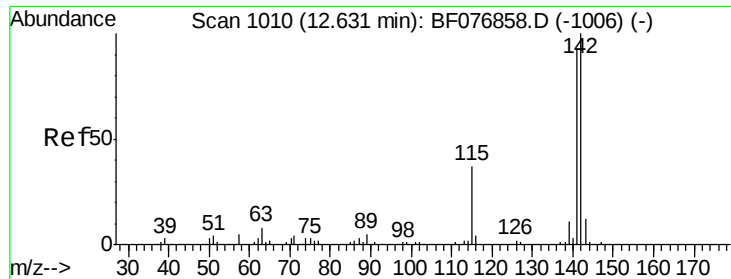
Tot Ion:113 Resp: 11788
 Ion Ratio Lower Upper
 113 100
 55 211.8 162.1 202.1#
 56 144.8 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 31.45 ng
 RT: 12.17 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:107 Resp: 57919
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.0 30.0
 142 71.4 63.5 95.3

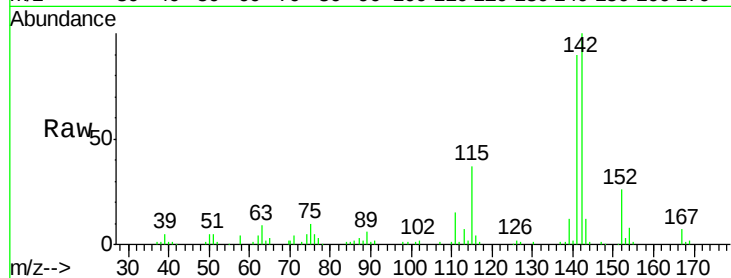




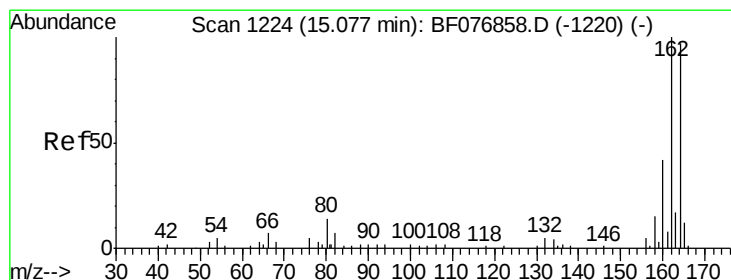
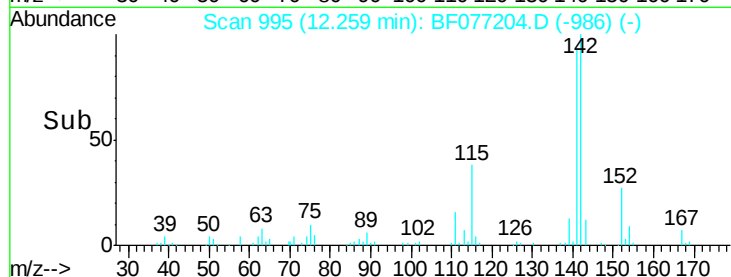
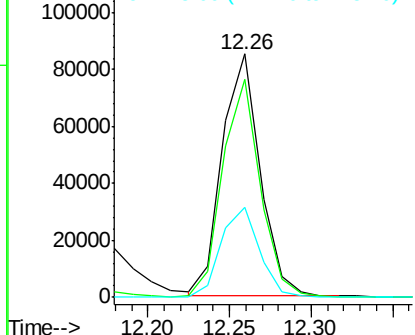
#37
2-Methylnaphthalene
Concen: 32.04 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampled :
PB81636BS

Tot Ion:142 Resp: 136712
Ion Ratio Lower Upper
142 100
141 89.7 74.5 111.7
115 36.8 29.7 44.5

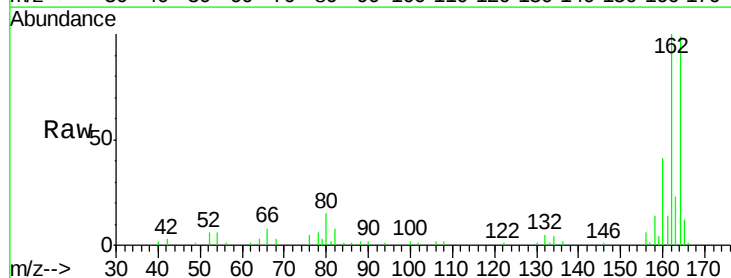


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

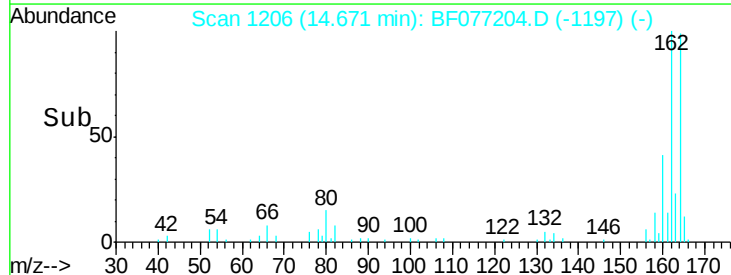
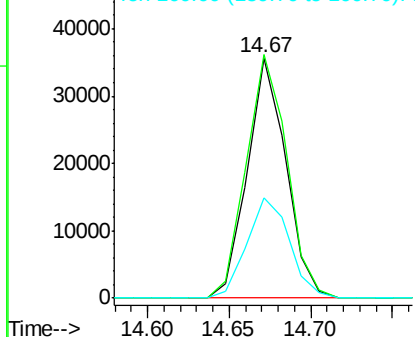


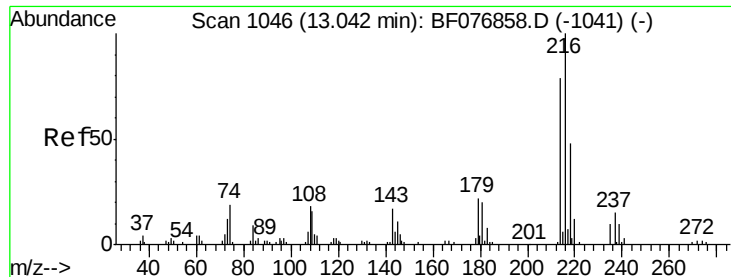
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:164 Resp: 58821
Ion Ratio Lower Upper
164 100
162 101.4 82.4 123.6
160 41.9 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: 37.07 ng

RT: 12.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tot Ion:216 Resp: 53912

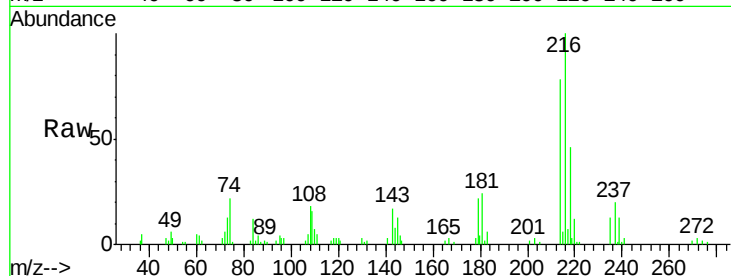
Ion Ratio Lower Upper

216 100

214 79.5 64.9 97.3

179 23.9 18.6 28.0

108 23.6 18.1 27.1

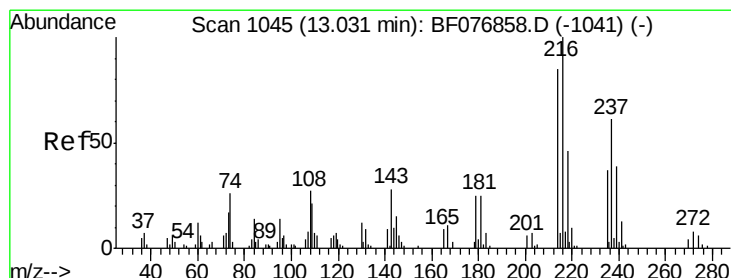
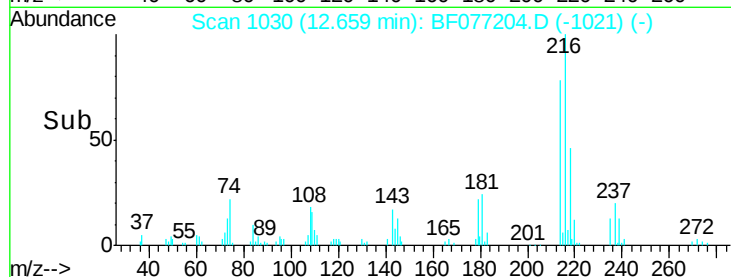
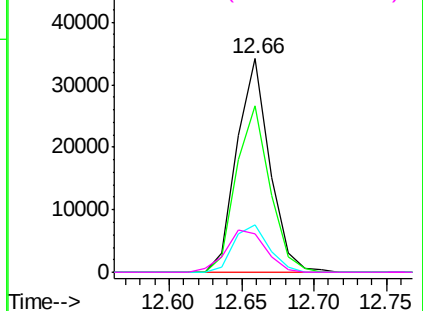


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.08 ng

RT: 12.65 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

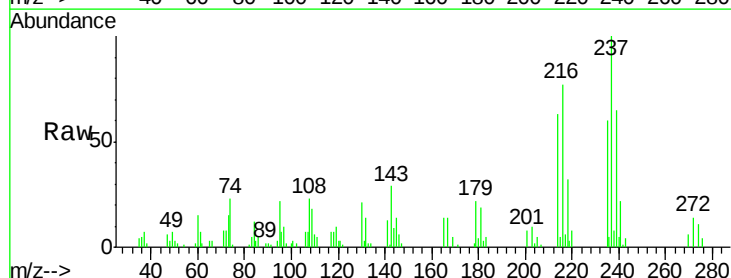
Tgt Ion:237 Resp: 50241

Ion Ratio Lower Upper

237 100

235 60.3 40.4 80.4

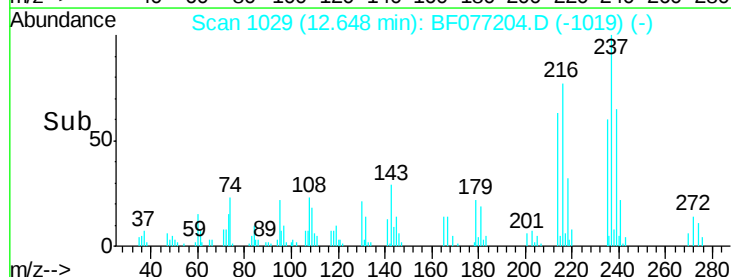
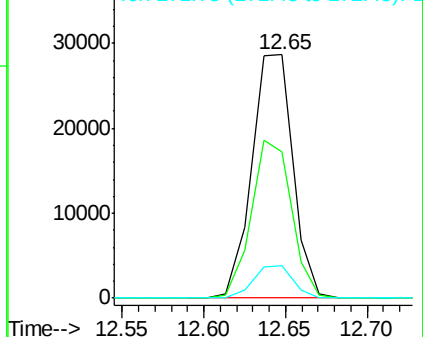
272 13.6 0.0 33.2



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

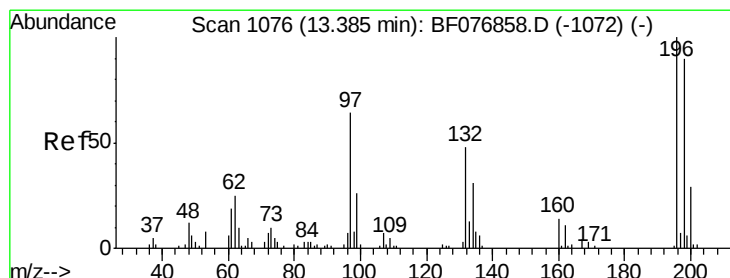
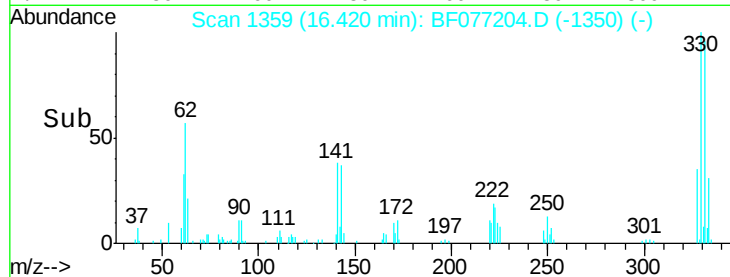
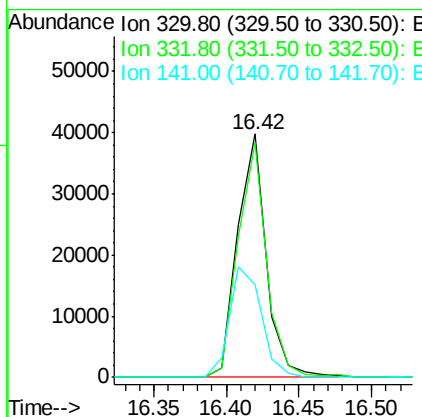
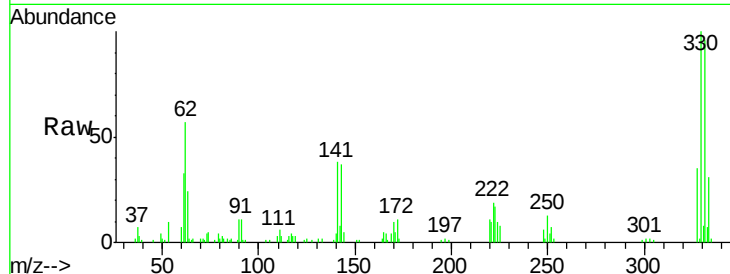




#41
 2,4,6-Tribromophenol
 Concen: 114.60 ng
 RT: 16.42 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

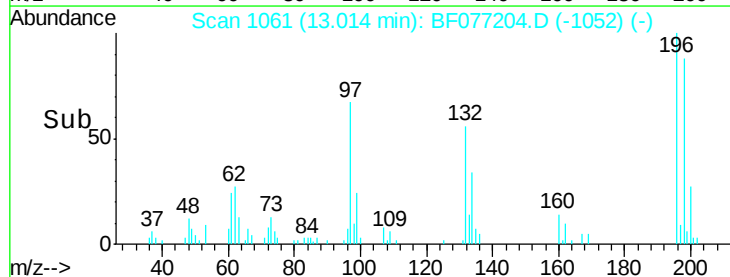
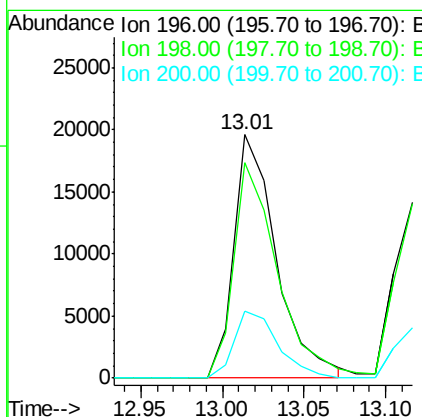
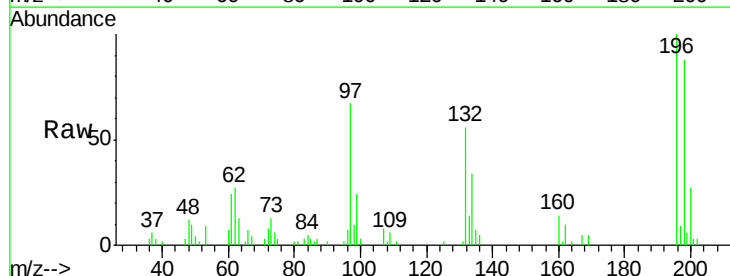
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion:330 Resp: 54719
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 50.2 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 33.37 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:196 Resp: 35359
 Ion Ratio Lower Upper
 196 100
 198 88.3 72.0 108.0
 200 27.4 23.4 35.2





#43

2,4,5-Trichlorophenol

Concen: 26.18 ng

RT: 13.12 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tot Ion:196 Resp: 28289

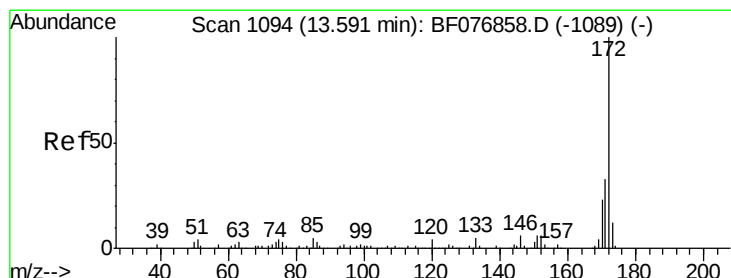
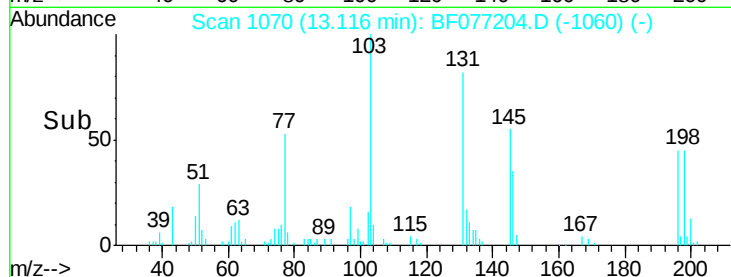
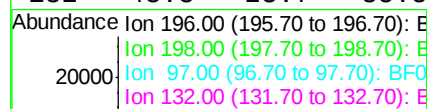
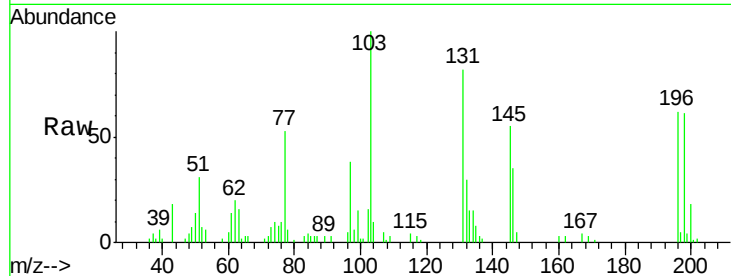
Ion Ratio Lower Upper

196 100

198 99.0 76.6 115.0

97 62.0 43.4 65.0

132 48.8 23.7 35.5#



#44

2-Fluorobiphenyl

Concen: 75.59 ng

RT: 13.21 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

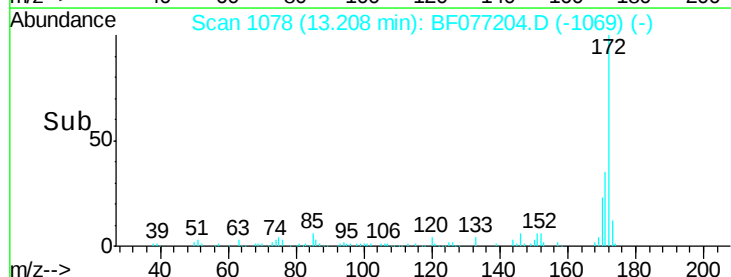
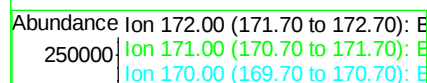
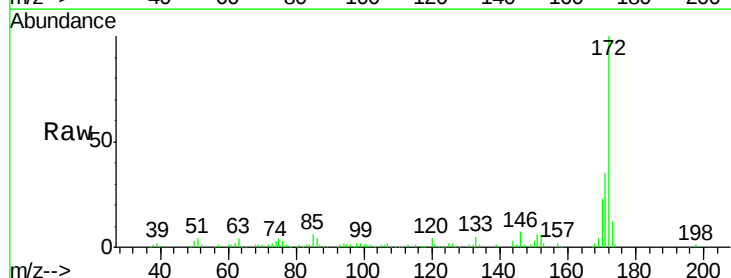
Tgt Ion:172 Resp: 292154

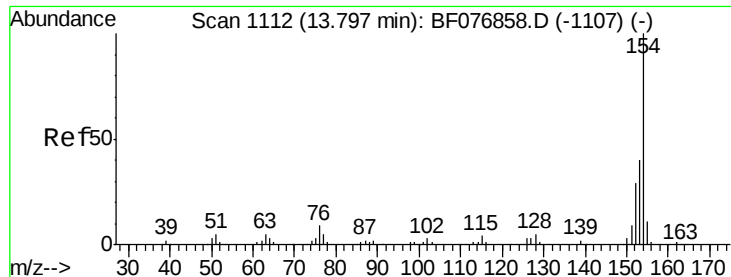
Ion Ratio Lower Upper

172 100

171 34.8 26.6 40.0

170 23.2 18.0 27.0

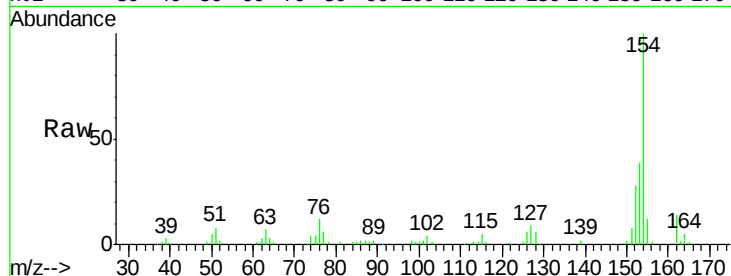




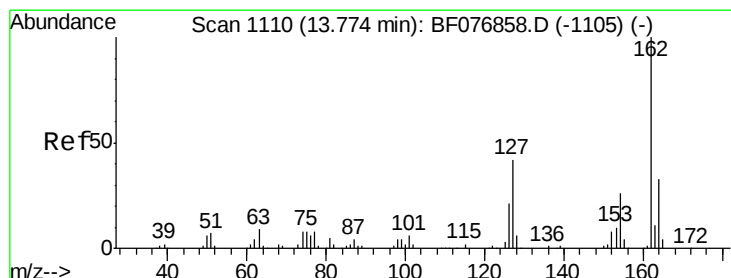
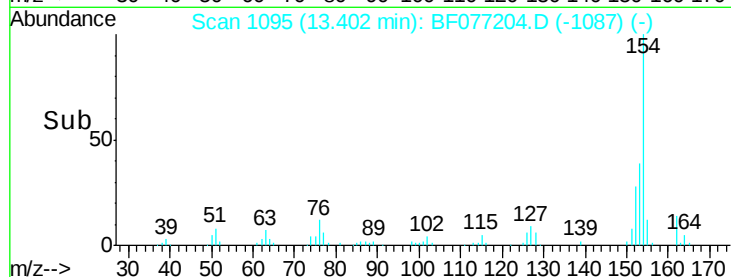
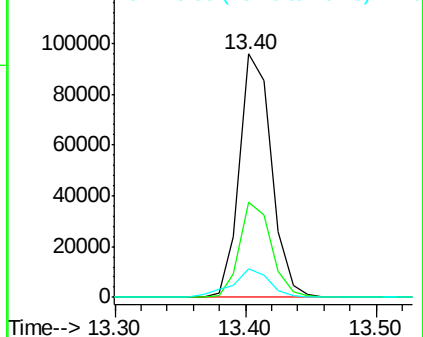
#45
 1,1'-Biphenyl
 Concen: 37.53 ng
 RT: 13.40 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion:154 Resp: 163659
 Ion Ratio Lower Upper
 154 100
 153 38.9 20.2 60.2
 76 11.6 0.0 29.0

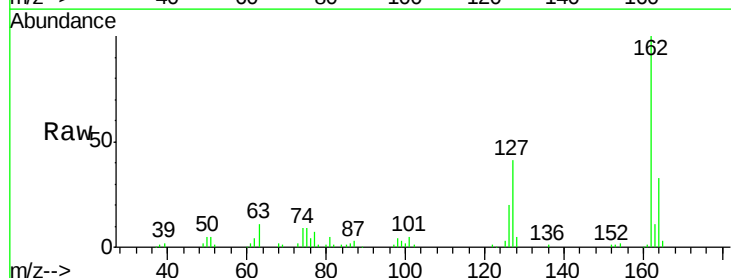


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

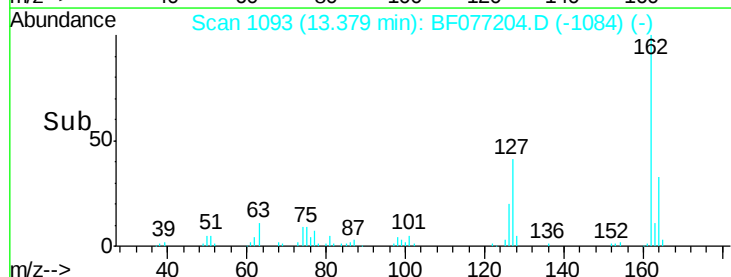
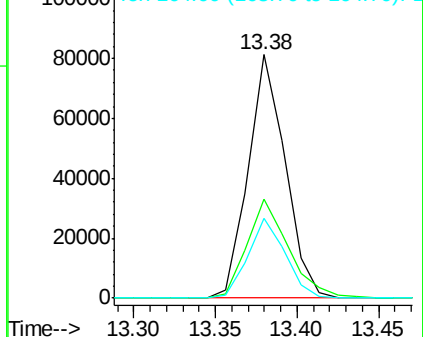


#46
 2-Chloronaphthalene
 Concen: 35.73 ng
 RT: 13.38 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:162 Resp: 128229
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.8 50.6
 164 33.0 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.81 ng

RT: 13.73 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

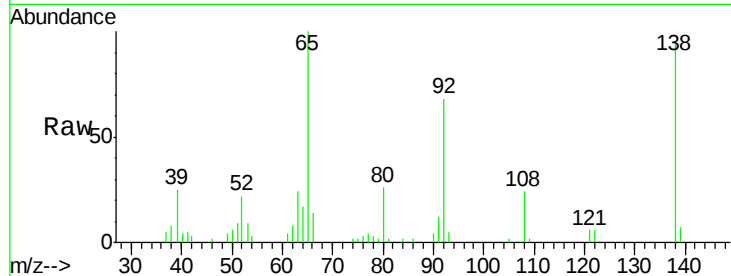
Tot Ion: 65 Resp: 38986

Ion Ratio Lower Upper

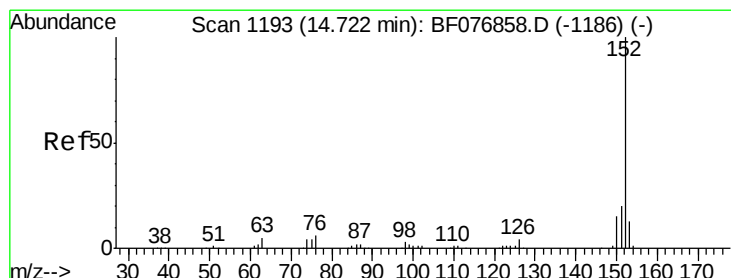
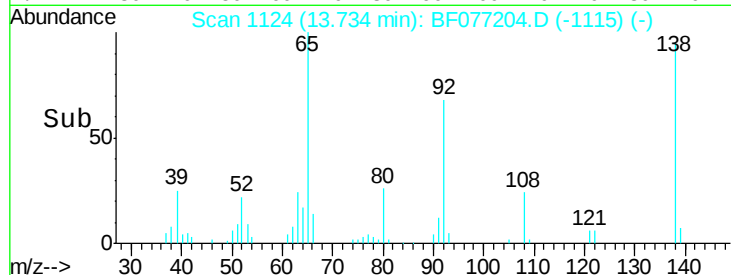
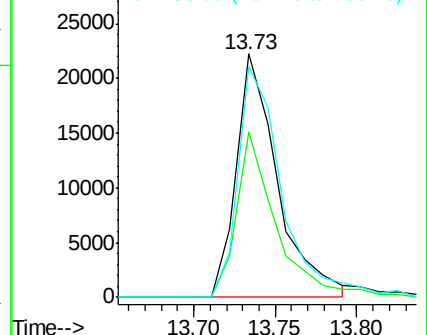
65 100

92 67.8 47.3 70.9

138 94.6 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 33.86 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

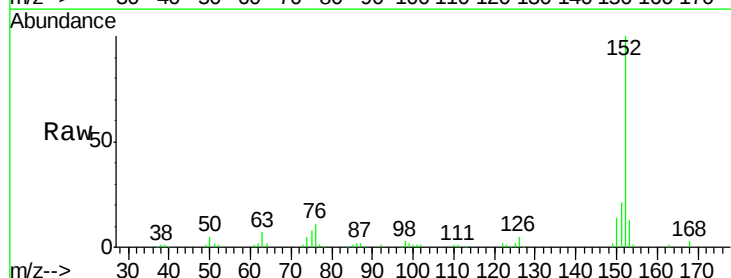
Tgt Ion: 152 Resp: 204952

Ion Ratio Lower Upper

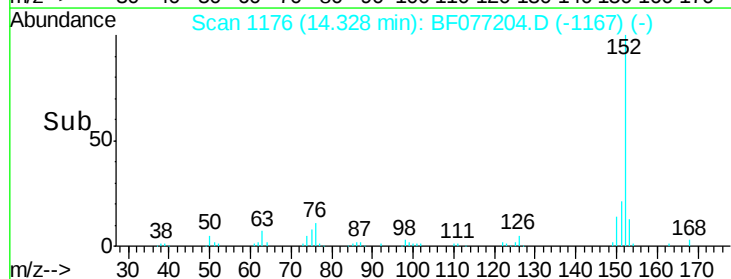
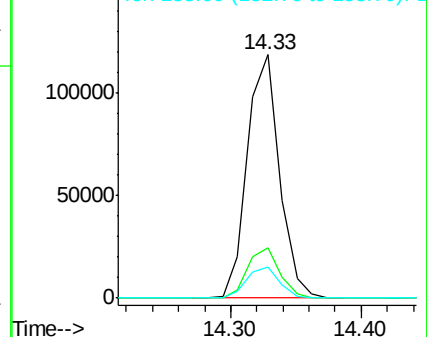
152 100

151 20.7 15.9 23.9

153 12.7 10.2 15.4



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

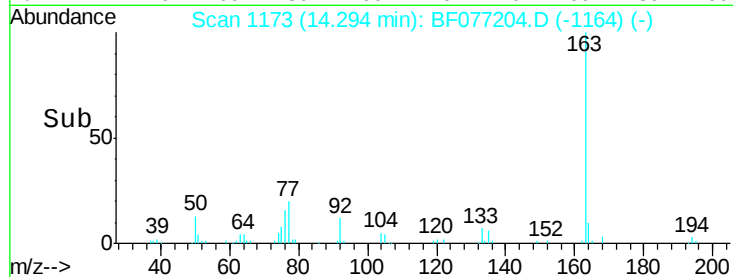
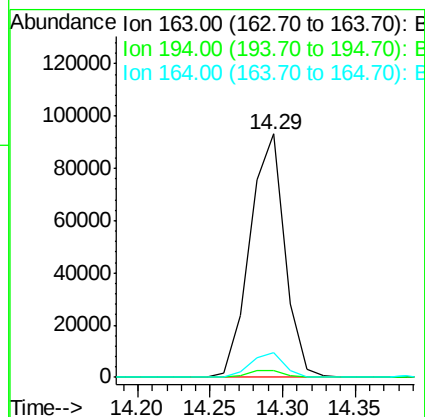
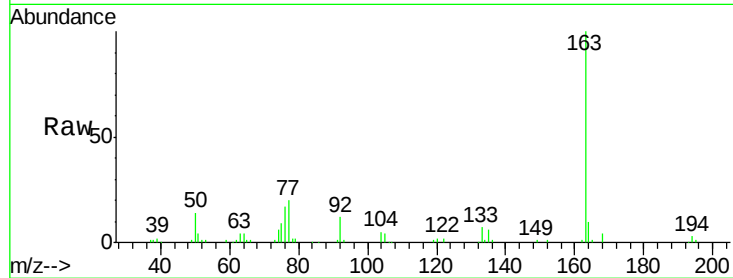




#49
Dimethylphthalate
Concen: 37.22 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

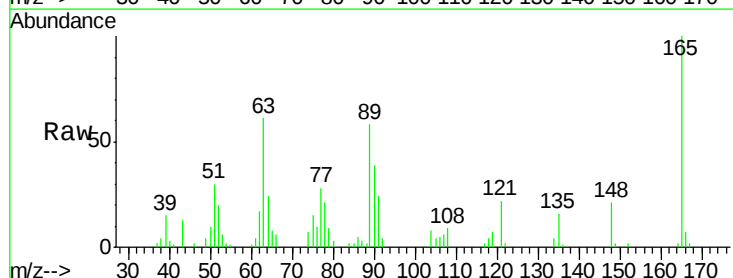
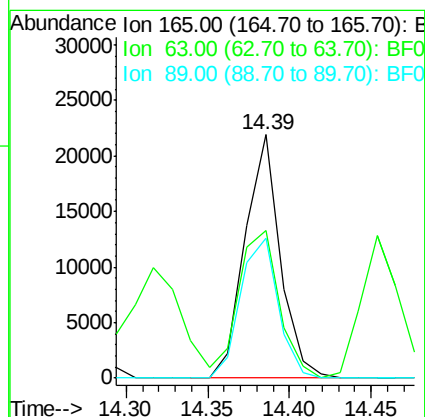
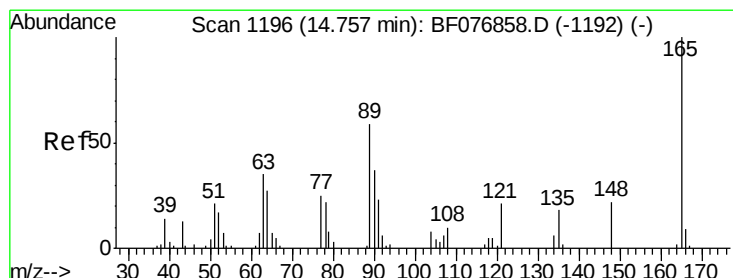
Instrument :
BNA_F
ClientSampleId :
PB81636BS

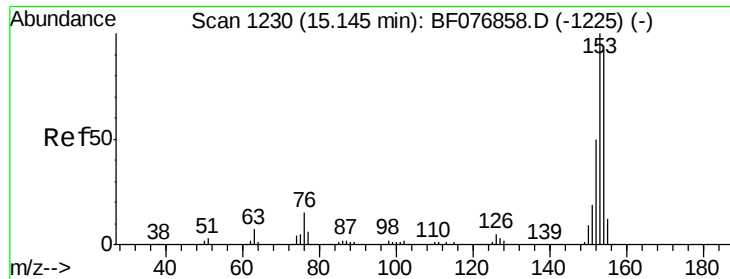
Tot Ion:163 Resp: 155276
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.2 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 39.28 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:165 Resp: 32738
Ion Ratio Lower Upper
165 100
63 60.6 48.1 72.1
89 57.6 47.2 70.8





#51

Acenaphthene

Concen: 35.10 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

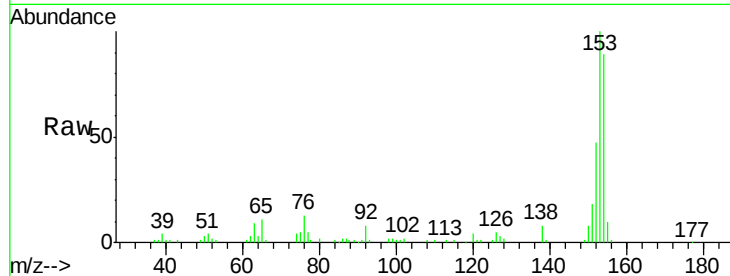
Tot Ion:154 Resp: 120544

Ion Ratio Lower Upper

154 100

153 111.9 87.0 130.6

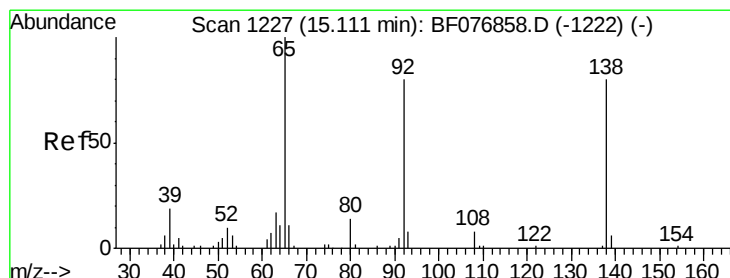
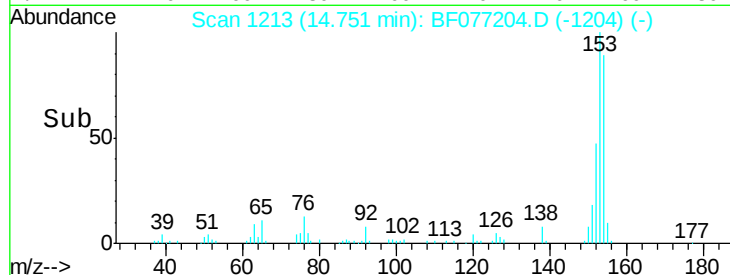
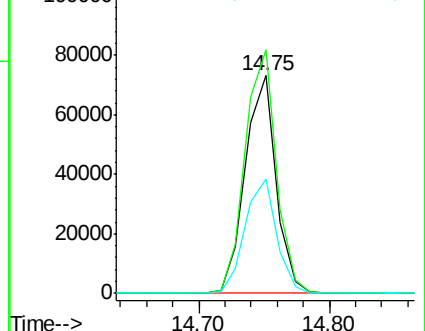
152 52.3 43.5 65.3



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: 22.48 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

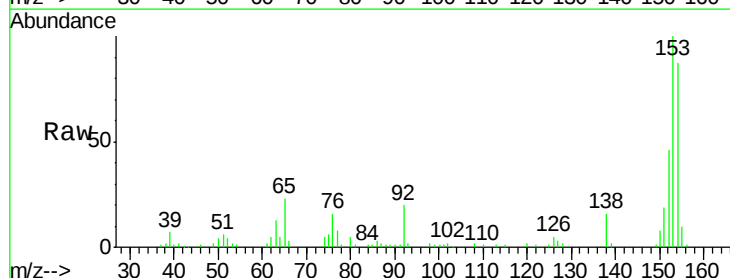
Tgt Ion:138 Resp: 23374

Ion Ratio Lower Upper

138 100

108 10.8 8.3 12.5

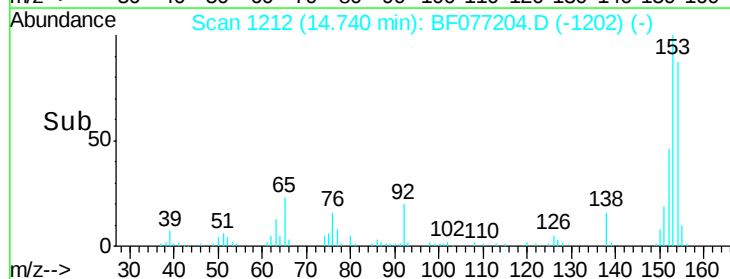
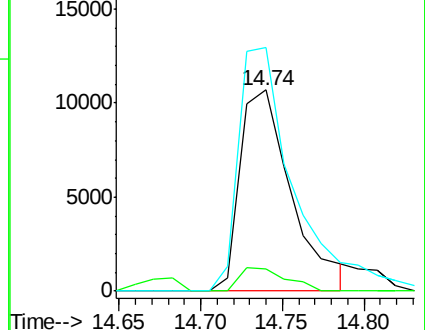
92 121.0 80.9 121.3

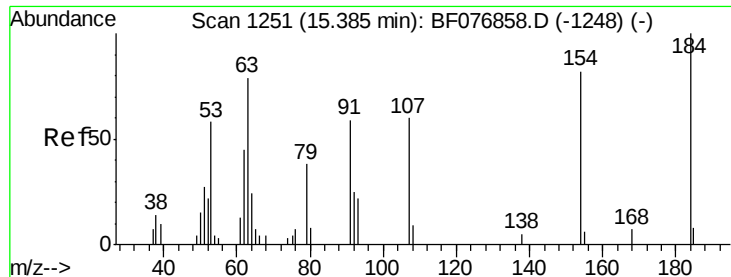


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

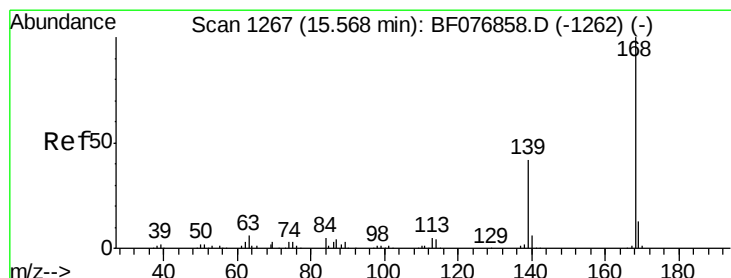
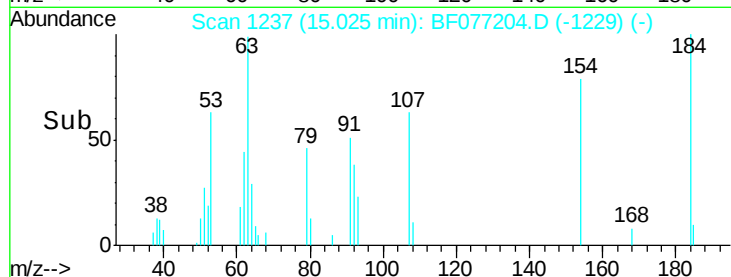
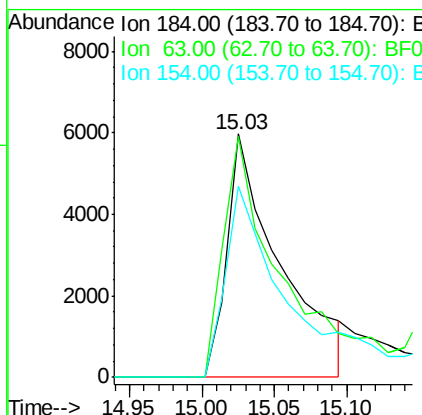
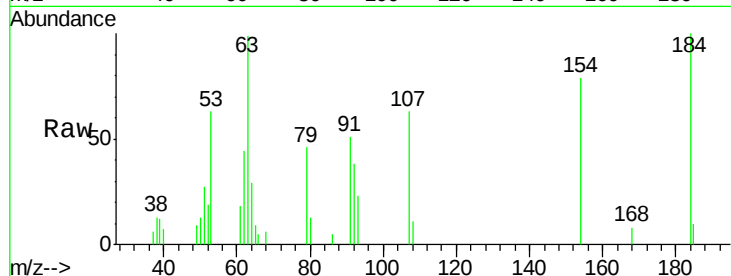




#53
2,4-Dinitrophenol
Concen: 45.04 ng
RT: 15.03 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

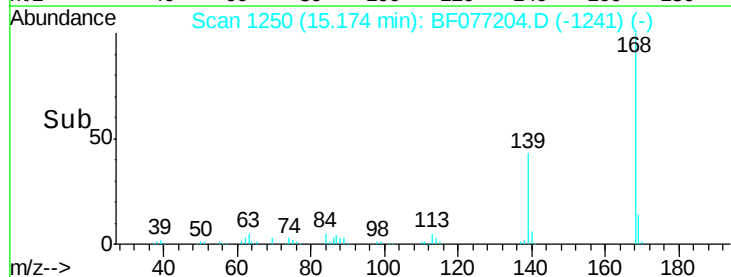
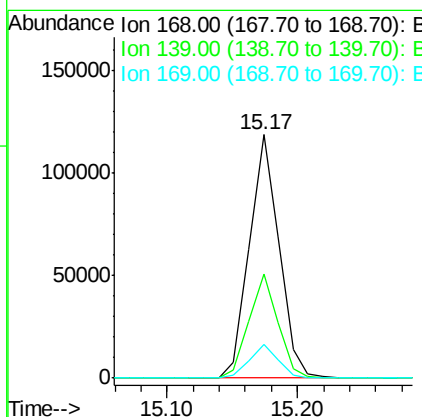
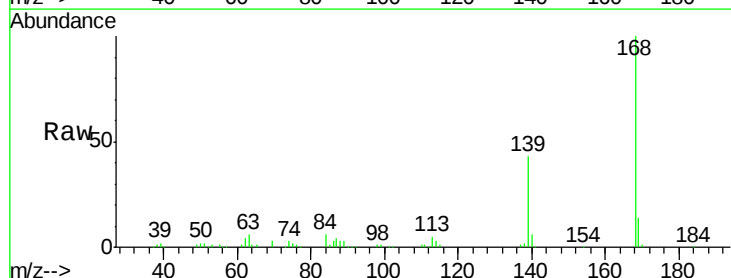
Instrument :
BNA_F
ClientSampled :
PB81636BS

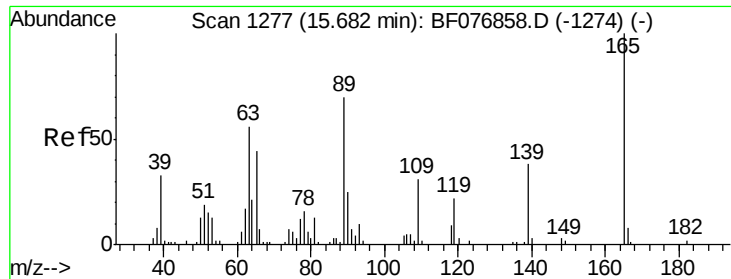
Tot Ion:184 Resp: 15260
Ion Ratio Lower Upper
184 100
63 99.1 63.0 94.6#
154 78.6 65.5 98.3



#54
Dibenzofuran
Concen: 37.72 ng
RT: 15.17 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:168 Resp: 188701
Ion Ratio Lower Upper
168 100
139 43.0 33.4 50.2
169 13.9 10.6 15.8

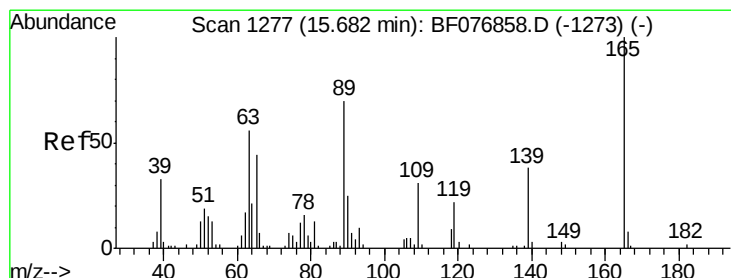
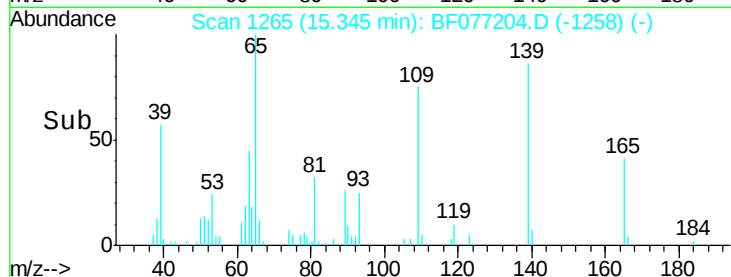
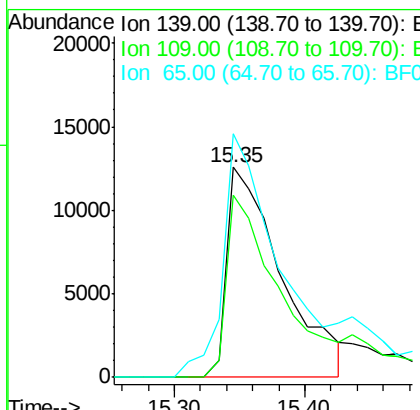
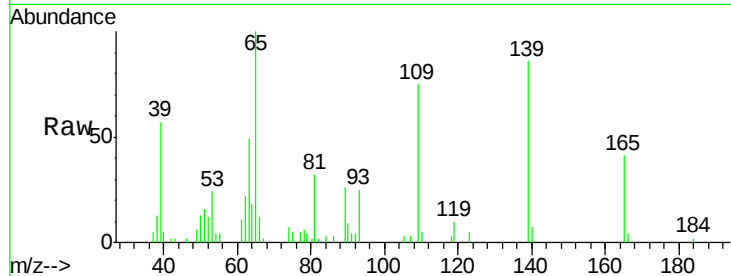




#55
4-Nitrophenol
Concen: 55.98 ng
RT: 15.35 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

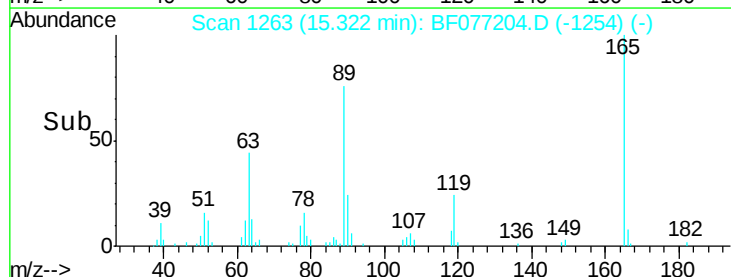
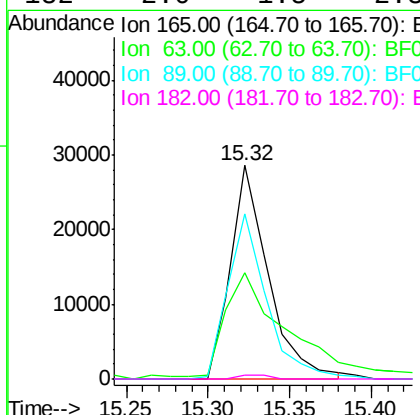
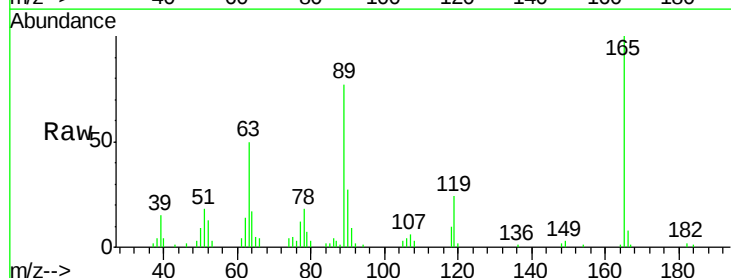
Instrument :
BNA_F
ClientSampleId :
PB81636BS

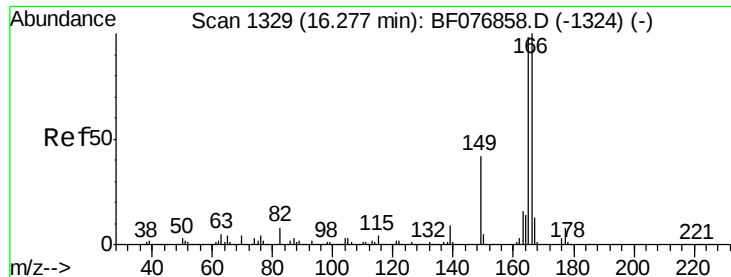
Tot Ion:139 Resp: 36607
Ion Ratio Lower Upper
139 100
109 86.9 61.0 101.0
65 115.9 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 37.10 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:165 Resp: 45727
Ion Ratio Lower Upper
165 100
63 49.5 44.8 67.2
89 77.3 56.2 84.2
182 2.0 1.5 2.3

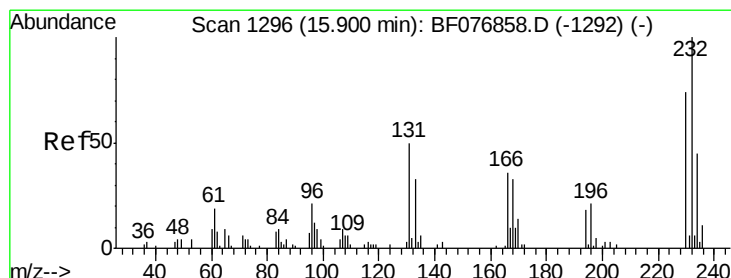
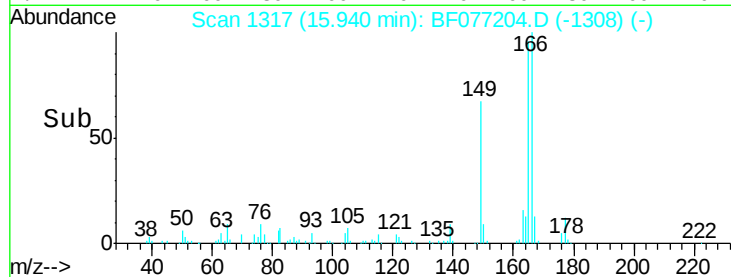
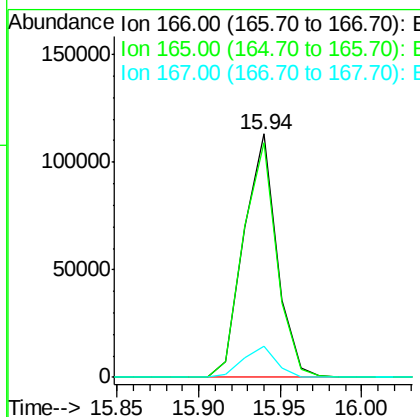
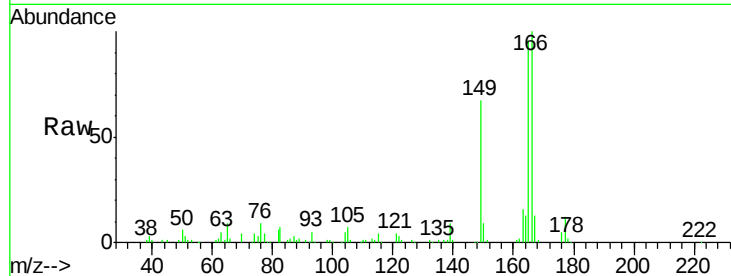




#57
 Fluorene
 Concen: 37.45 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

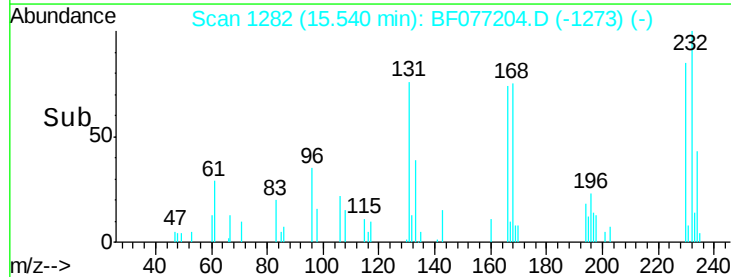
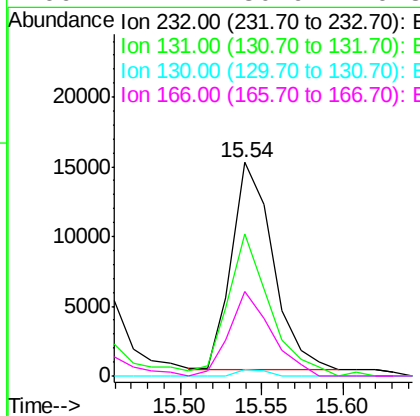
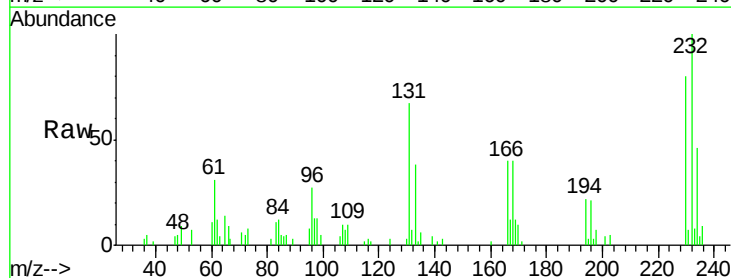
Instrument :
 BNA_F
 ClientSampleID :
 PB81636BS

Tot Ion:166 Resp: 158721
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.5 117.7
 167 13.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.24 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:232 Resp: 26156
 Ion Ratio Lower Upper
 232 100
 131 69.2 45.0 67.6#
 130 2.0 2.6 3.8#
 166 41.4 30.9 46.3

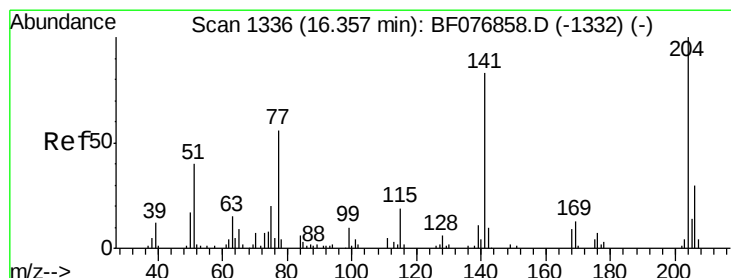
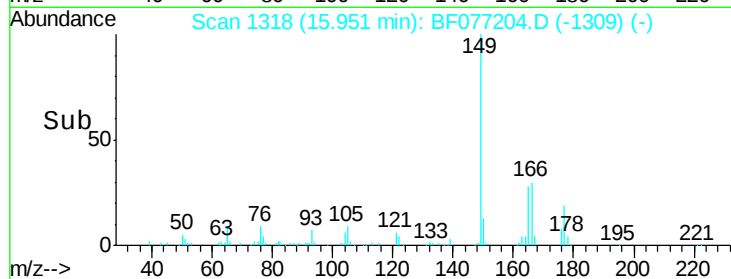
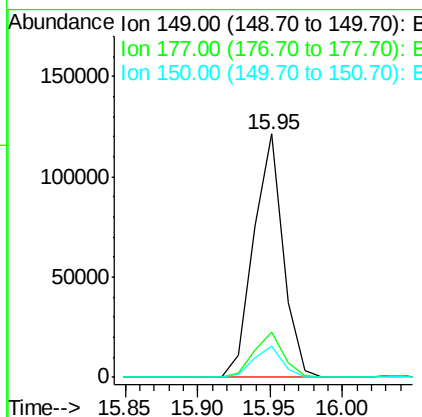
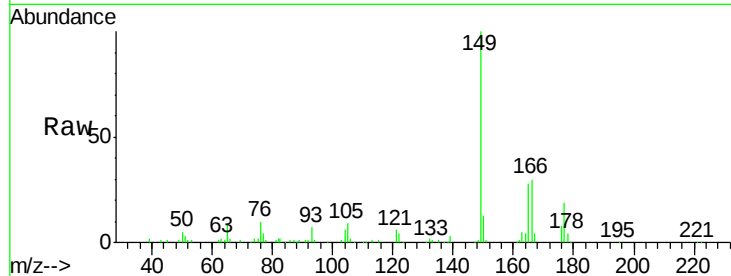




#59
Diethylphthalate
Concen: 40.62 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

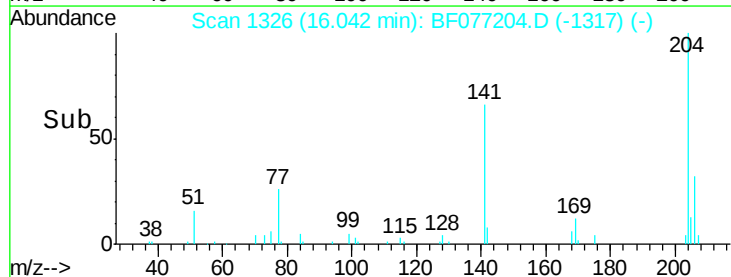
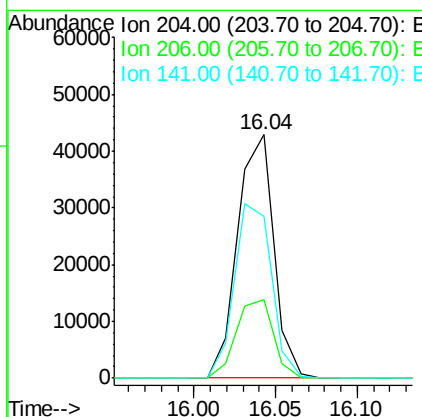
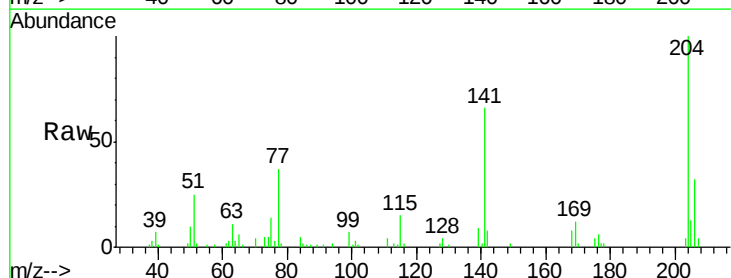
Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:149 Resp: 171261
Ion Ratio Lower Upper
149 100
177 18.5 15.0 22.6
150 12.6 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 37.95 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:204 Resp: 65815
Ion Ratio Lower Upper
204 100
206 32.1 24.2 36.2
141 66.4 66.7 100.1#

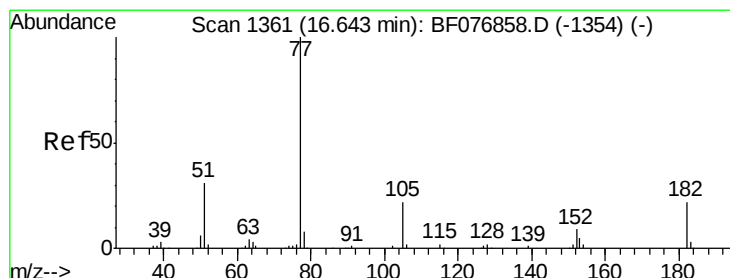
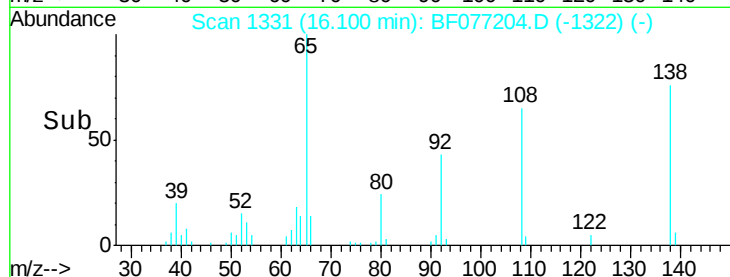
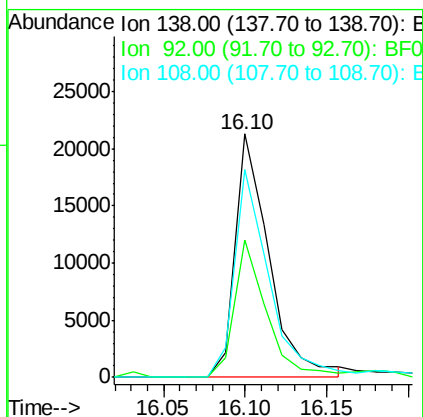
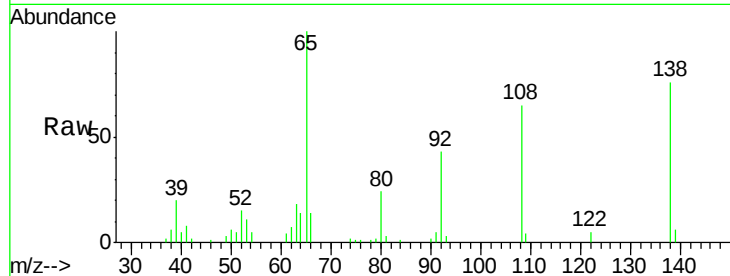




#61
4-Nitroaniline
Concen: 29.67 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

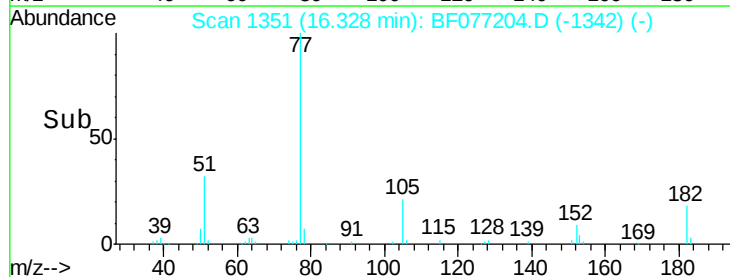
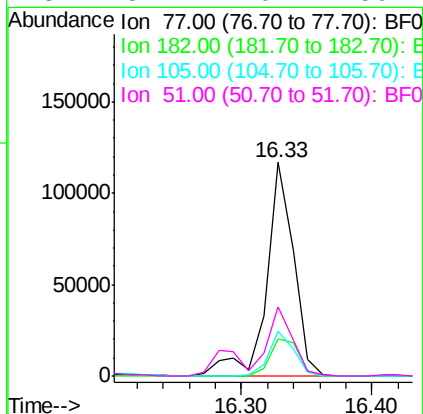
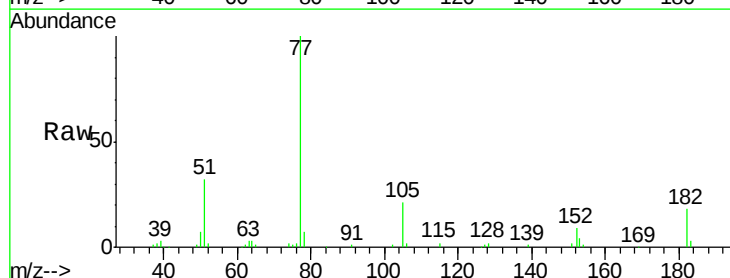
Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:138 Resp: 30579
Ion Ratio Lower Upper
138 100
92 56.2 26.7 66.7
108 85.4 64.5 104.5



#62
Azobenzene
Concen: 39.35 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion: 77 Resp: 172864
Ion Ratio Lower Upper
77 100
182 17.6 2.0 42.0
105 21.1 2.3 42.3
51 32.2 10.7 50.7

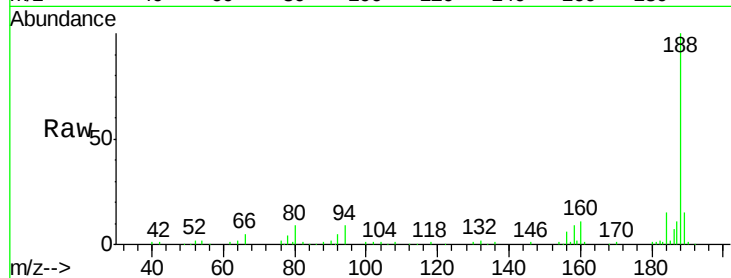




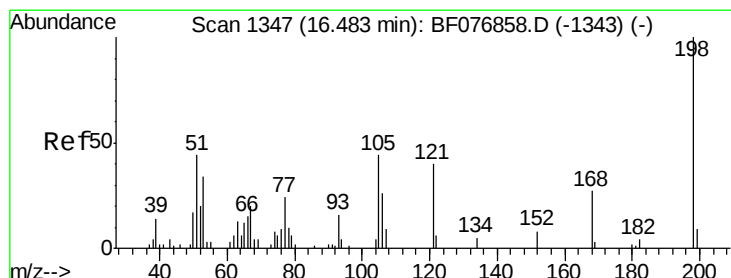
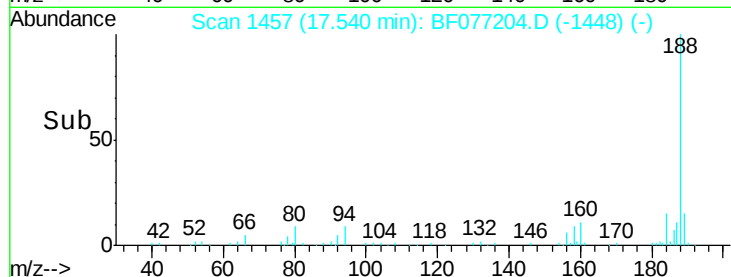
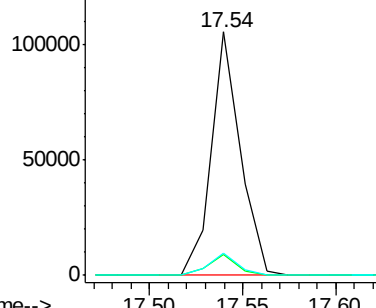
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:188 Resp: 114101
Ion Ratio Lower Upper
188 100
94 8.5 6.0 9.0
80 8.9 6.9 10.3

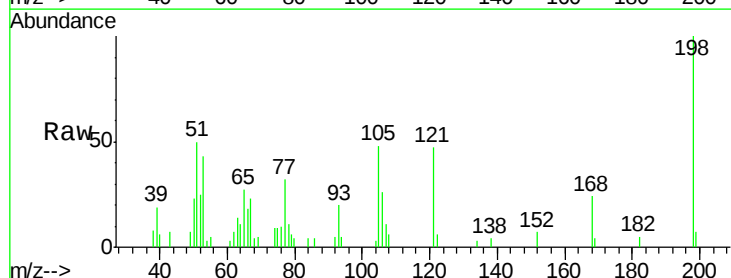


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

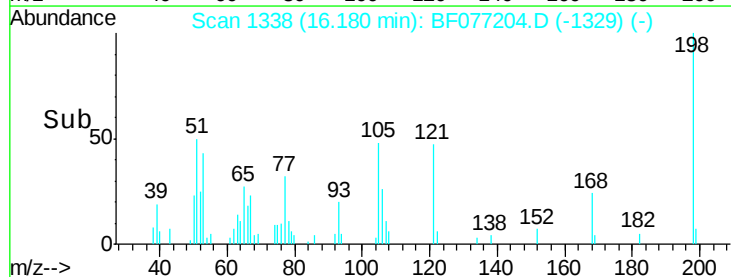
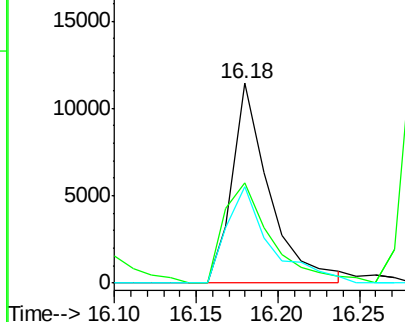


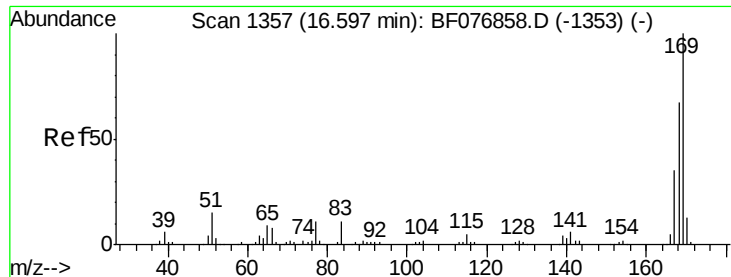
#64
4,6-Dinitro-2-methylphenol
Concen: 26.32 ng
RT: 16.18 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:198 Resp: 18128
Ion Ratio Lower Upper
198 100
51 49.9 24.2 64.2
105 48.0 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

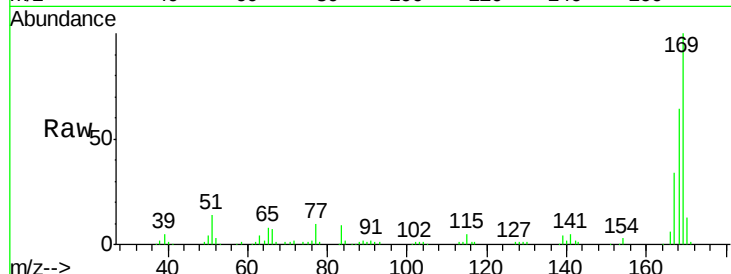




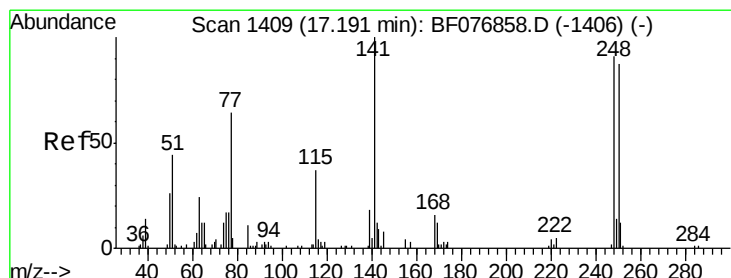
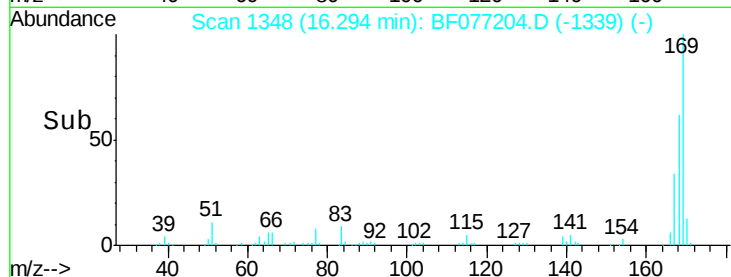
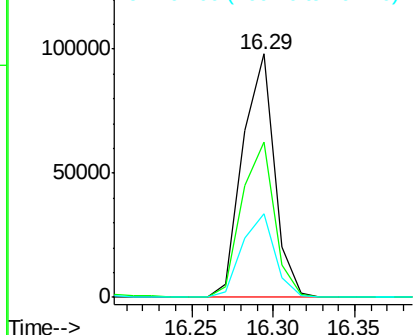
#65
n-Nitrosodiphenylamine
Concen: 32.49 ng
RT: 16.29 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampled :
PB81636BS

Tot Ion:169 Resp: 132173
Ion Ratio Lower Upper
169 100
168 64.0 53.8 80.6
167 34.5 27.8 41.6

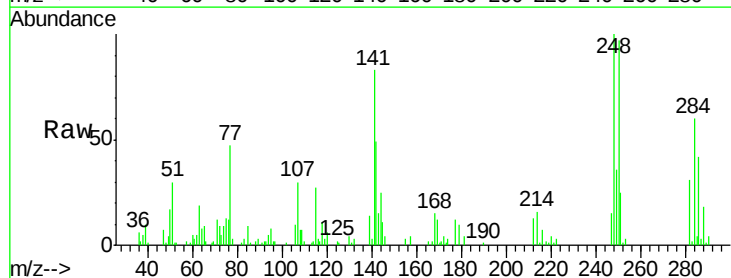


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

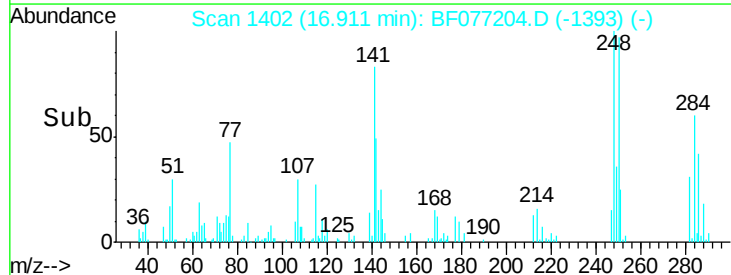
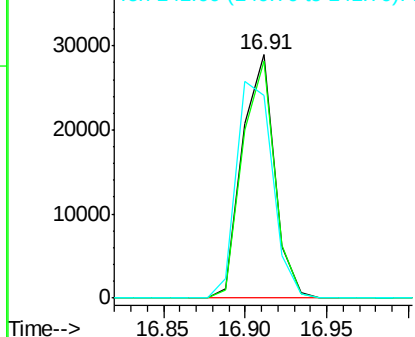


#66
4-Bromophenyl-phenylether
Concen: 34.15 ng
RT: 16.91 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:248 Resp: 39473
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 83.0 88.2 132.4#



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

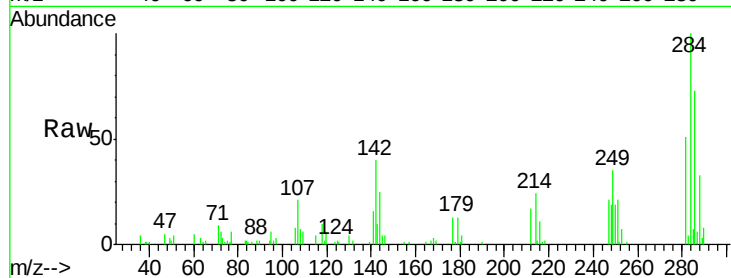




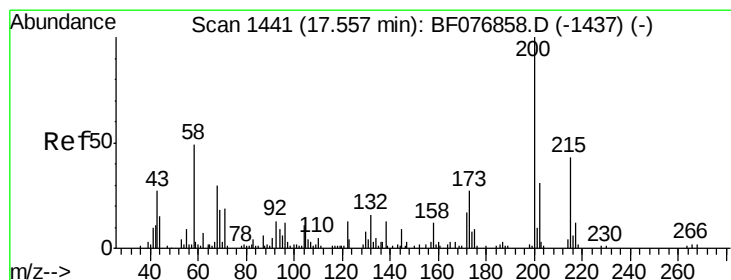
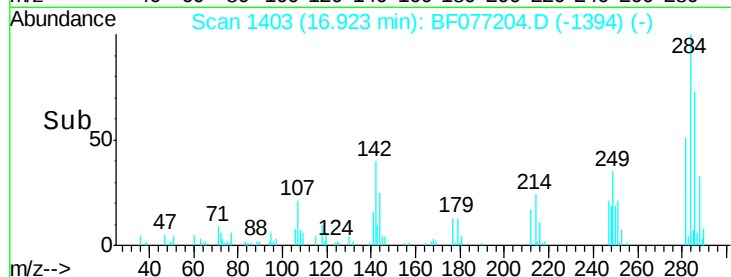
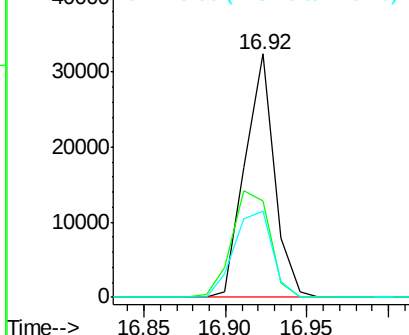
#67
Hexachlorobenzene
Concen: 33.28 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:284 Resp: 40545
Ion Ratio Lower Upper
284 100
142 39.9 38.2 57.4
249 35.1 28.2 42.2

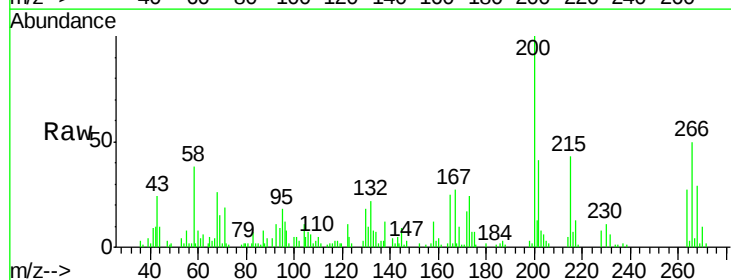


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

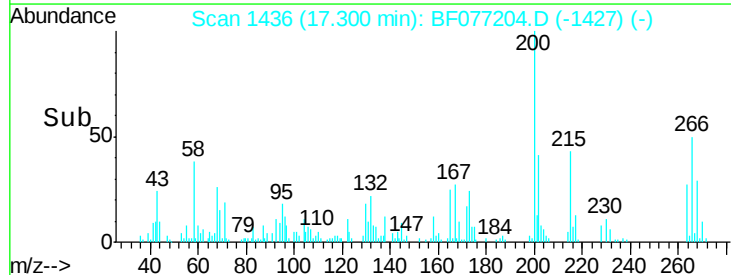
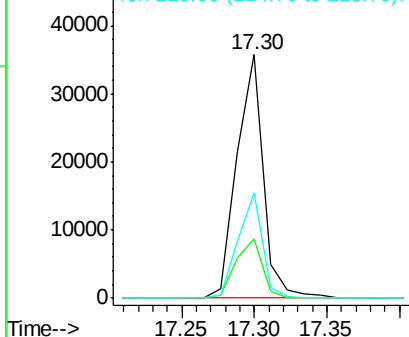


#68
Atrazine
Concen: 36.53 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:200 Resp: 45102
Ion Ratio Lower Upper
200 100
173 24.1 6.6 46.6
215 43.1 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

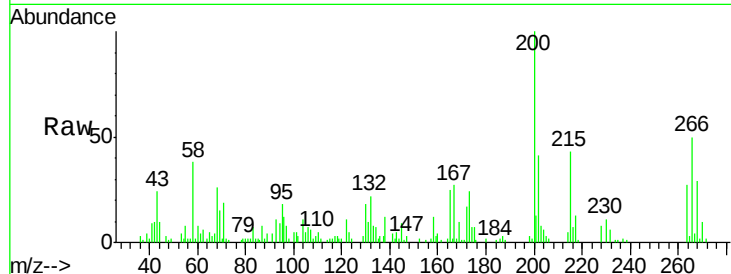




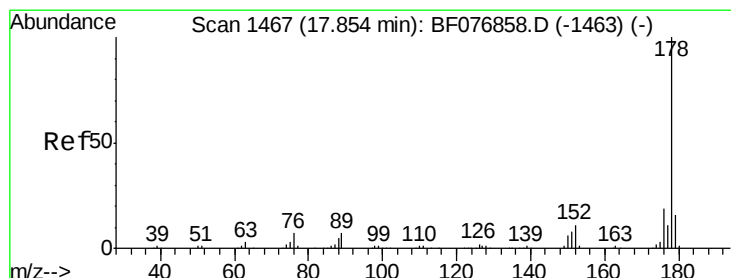
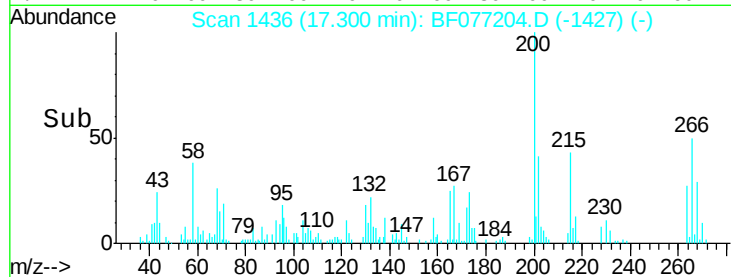
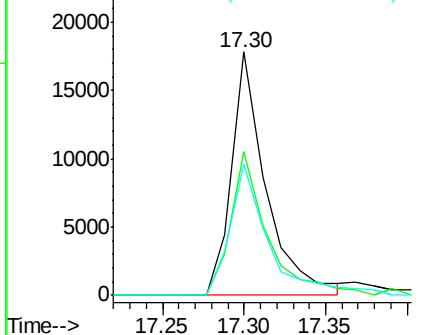
#69
Pentachlorophenol
 Concen: 49.59 ng
 RT: 17.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion:266 Resp: 26100
 Ion Ratio Lower Upper
 266 100
 268 58.8 48.6 72.8
 264 53.9 49.5 74.3

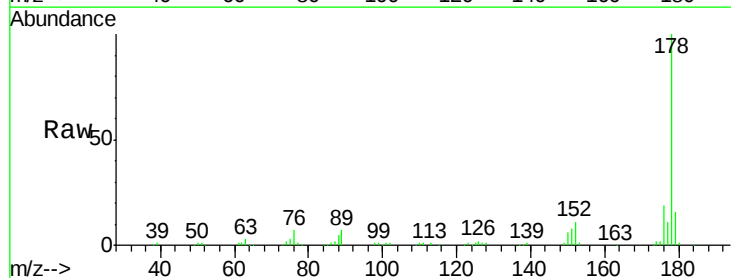


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

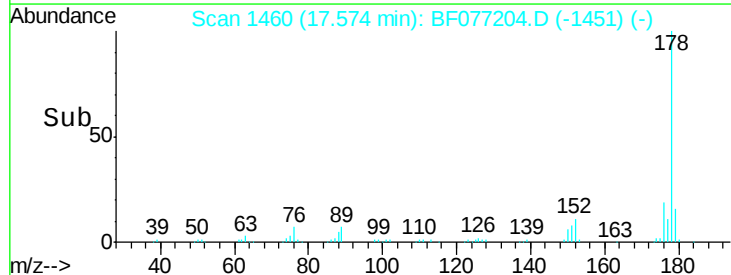
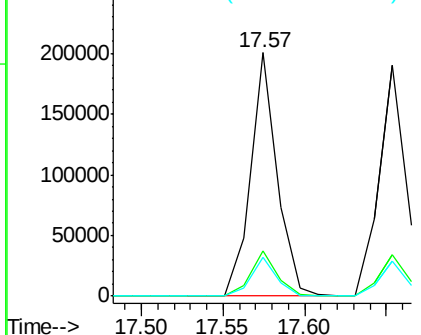


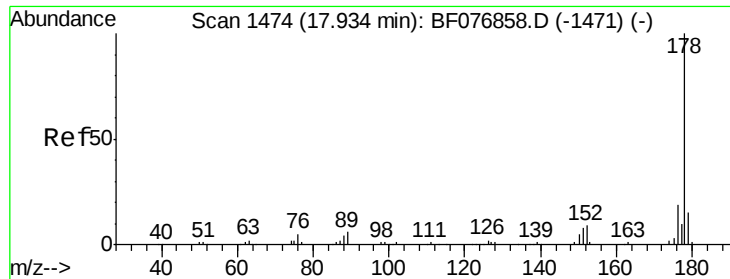
#70
Phenanthrene
 Concen: 31.82 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:178 Resp: 226381
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.8 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

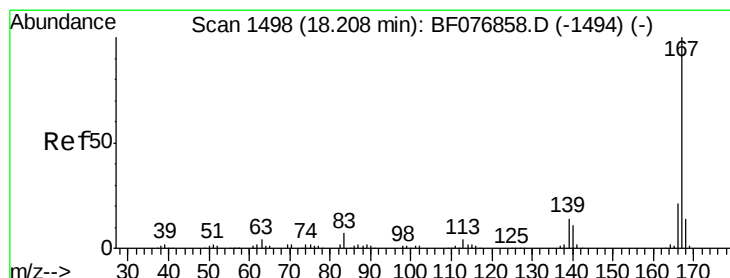
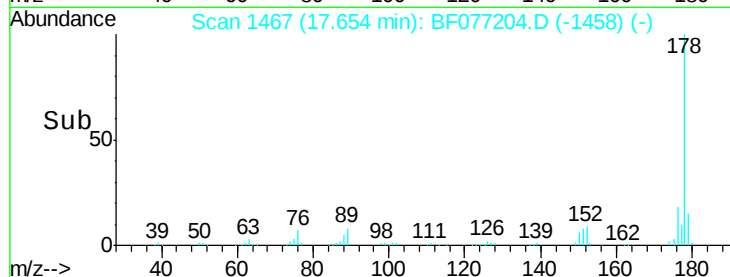
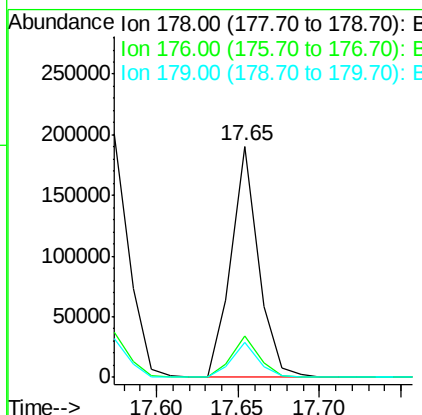
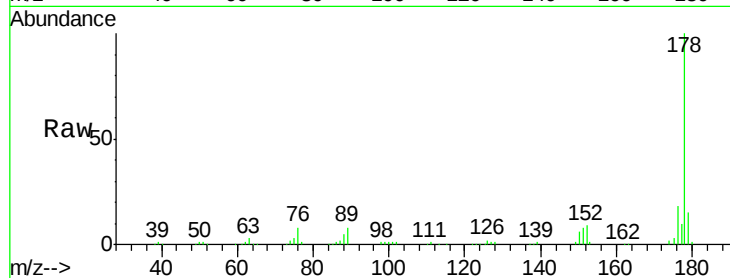




#71
 Anthracene
 Concen: 31.78 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

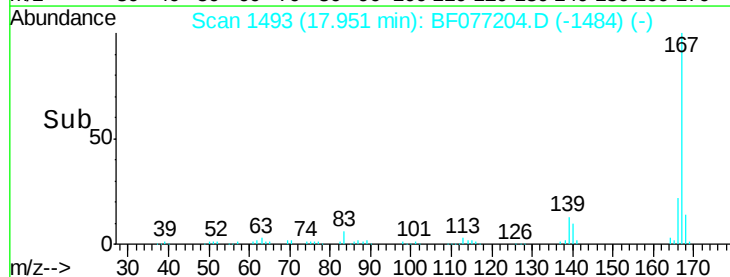
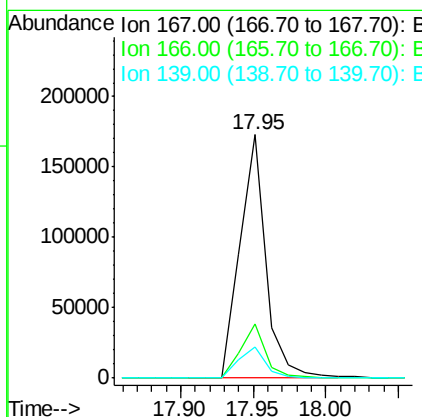
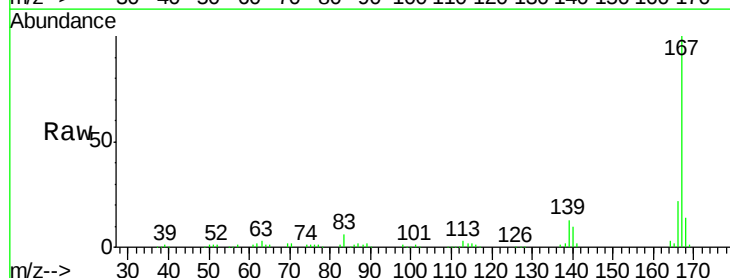
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

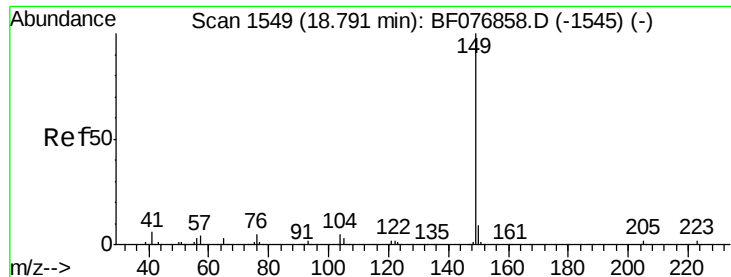
Tot Ion:178 Resp: 220510
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.0
 179 15.2 11.9 17.9



#72
 Carbazole
 Concen: 31.95 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:167 Resp: 215038
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 35.55 ng

RT: 18.55 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

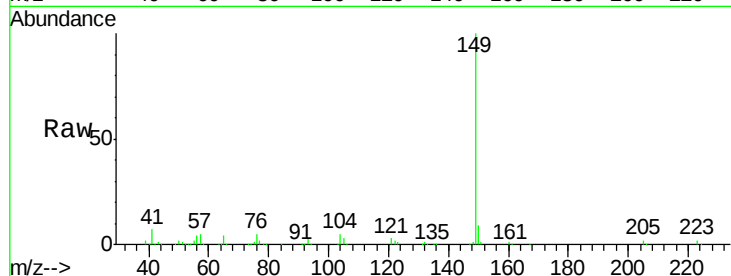
Tot Ion:149 Resp: 276926

Ion Ratio Lower Upper

149 100

150 8.6 6.9 10.3

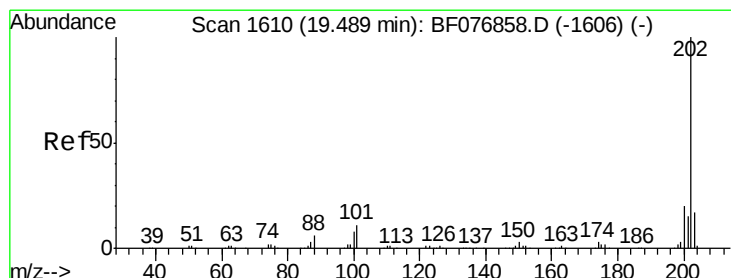
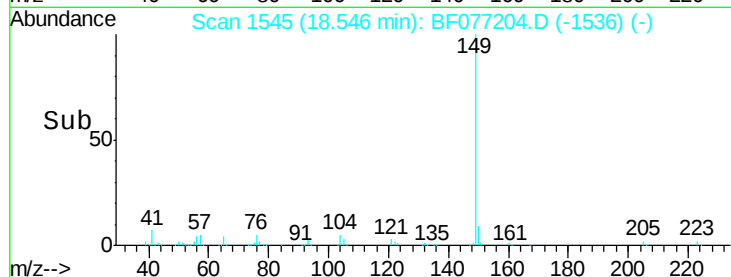
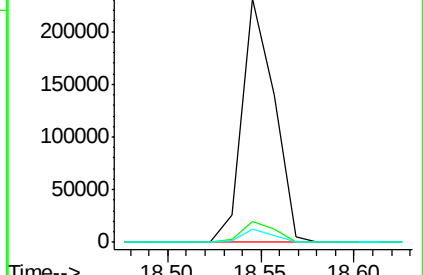
104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.72 ng

RT: 19.23 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

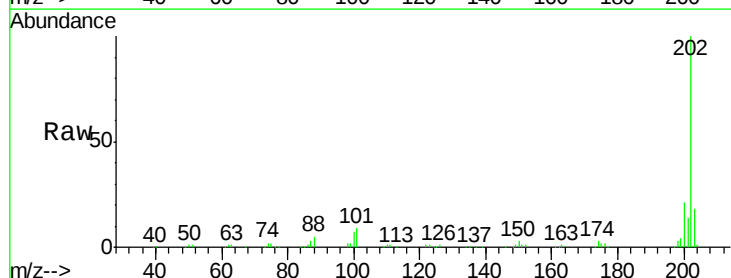
Tgt Ion:202 Resp: 231268

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.7

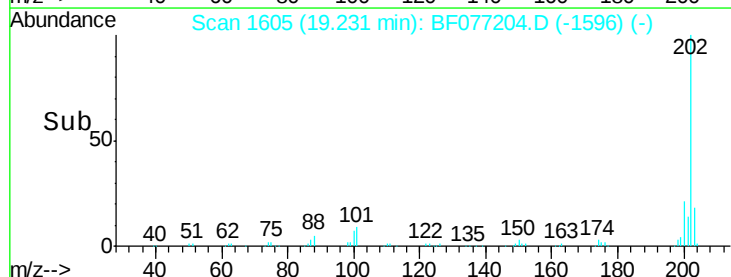
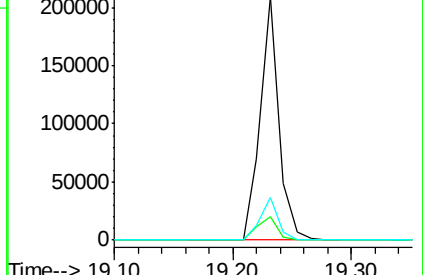
203 17.7 0.0 36.9

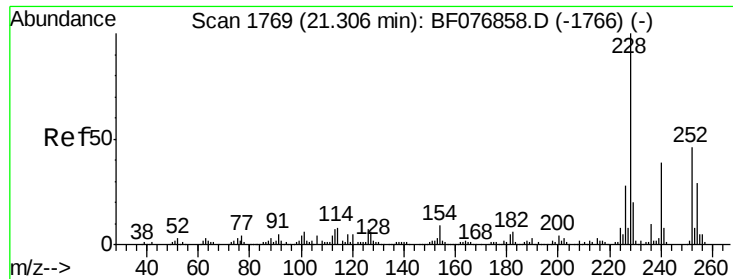


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

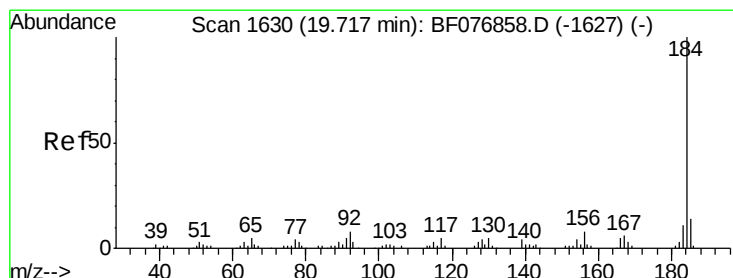
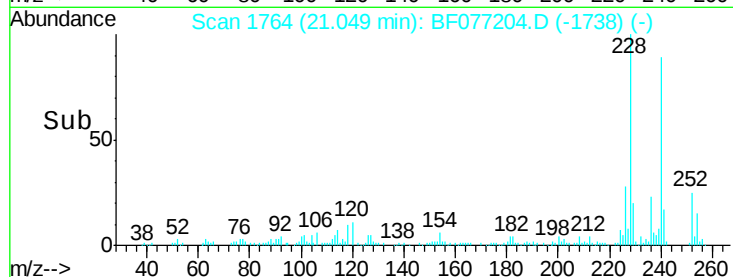
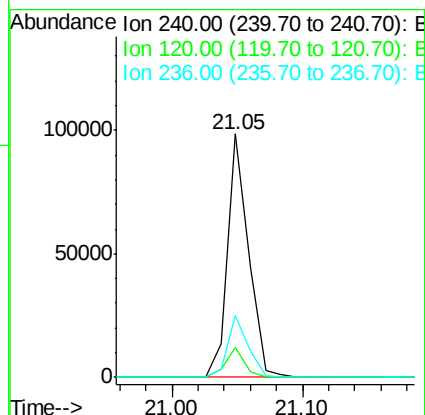
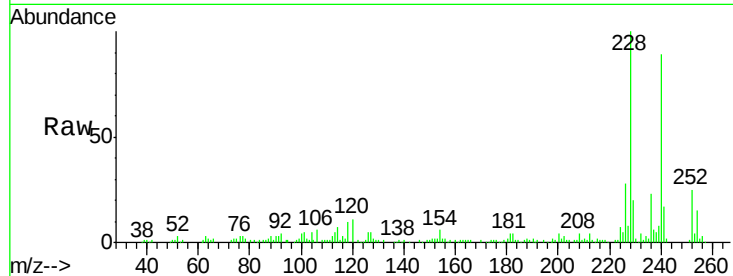




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

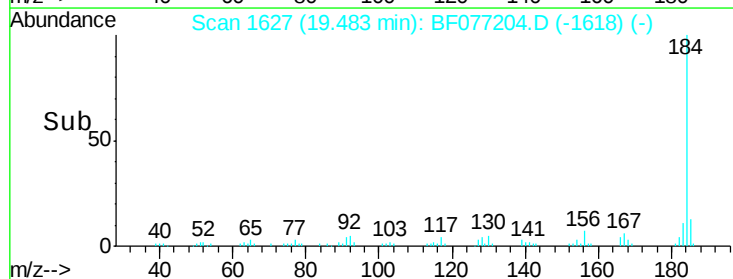
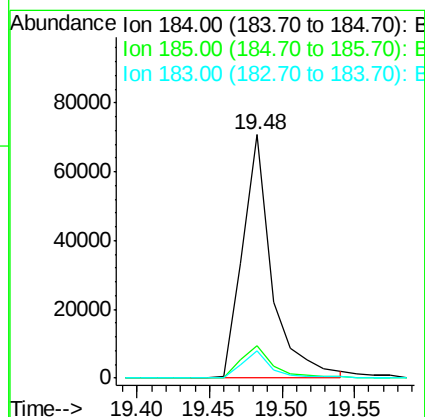
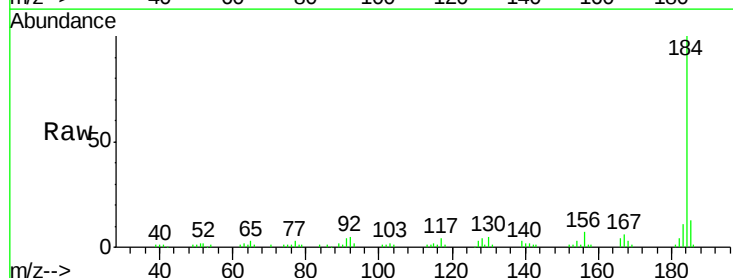
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

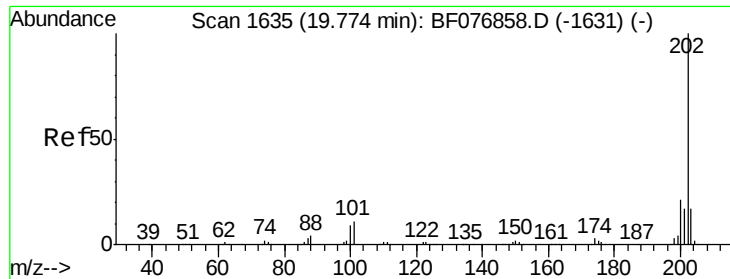
Tot Ion:240 Resp: 110379
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.4 15.6
 236 25.5 20.2 30.2



#76
 Benzidine
 Concen: 28.13 ng
 RT: 19.48 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:184 Resp: 99358
 Ion Ratio Lower Upper
 184 100
 185 13.3 11.4 17.2
 183 11.1 9.0 13.6

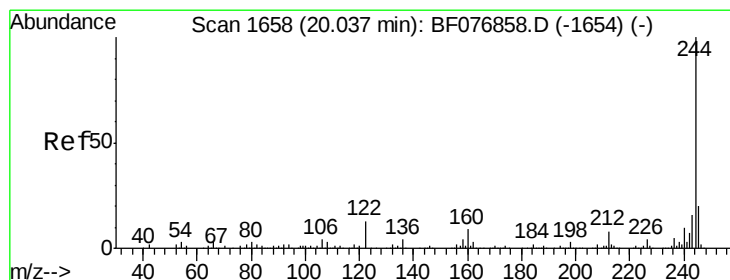
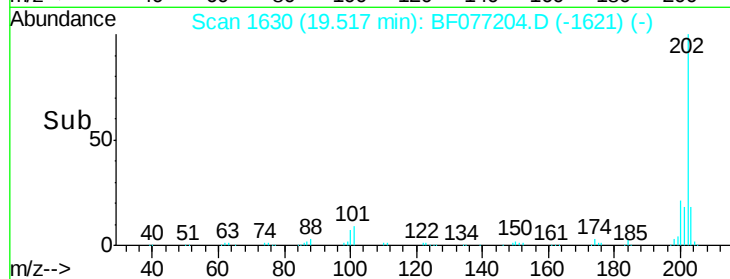
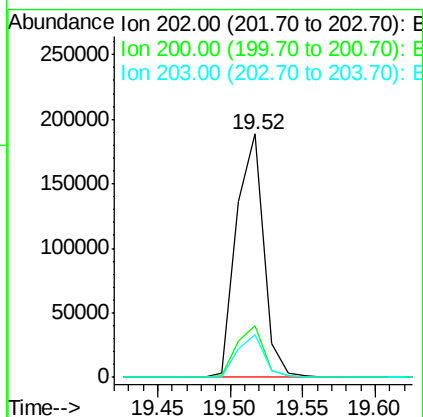
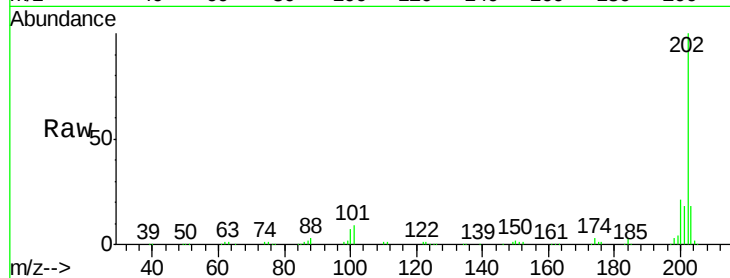




#77
 Pvrene
 Concen: 32.49 ng
 RT: 19.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

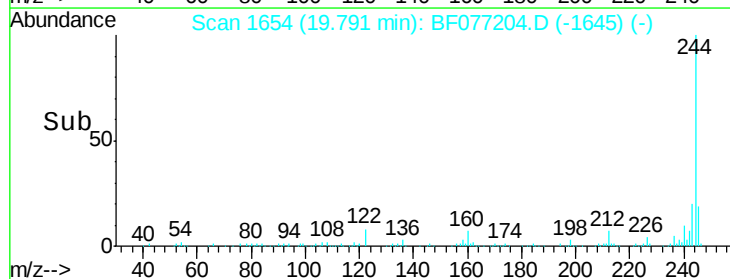
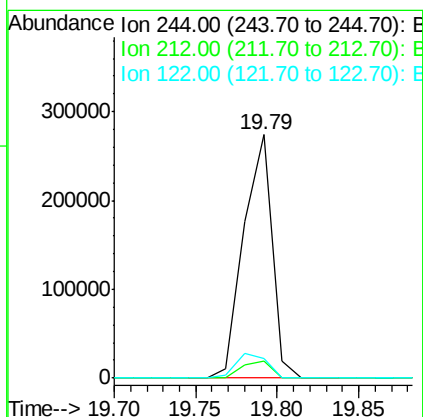
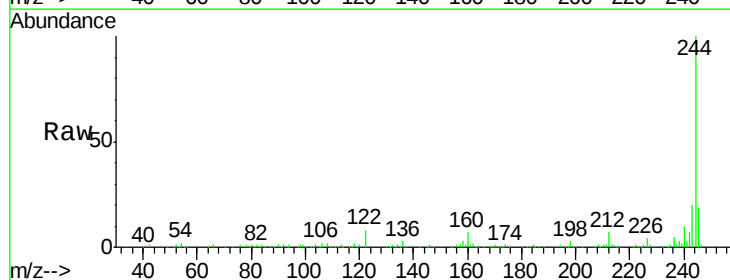
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

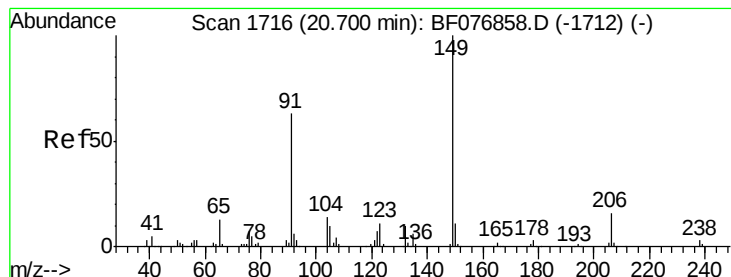
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.7	14.0	21.0



#78
 Terphenyl-d14
 Concen: 68.87 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	8.3	10.1	15.1#





#79

Butylbenzylphthalate

Concen: 36.28 ng

RT: 20.45 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

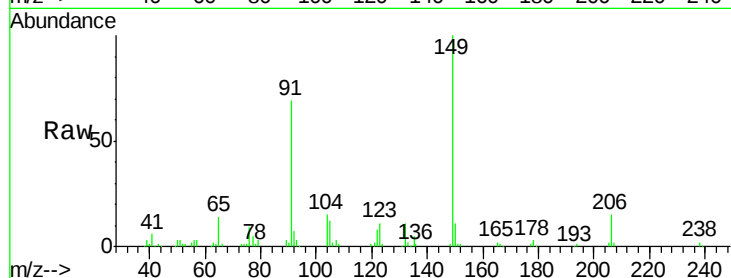
Tot Ion:149 Resp: 124293

Ion Ratio Lower Upper

149 100

91 69.4 50.6 76.0

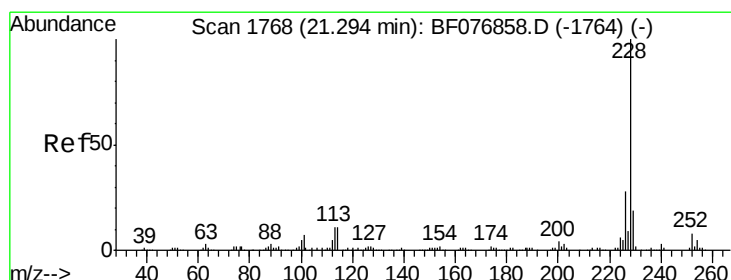
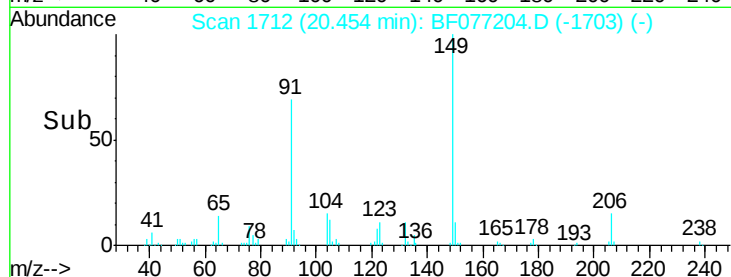
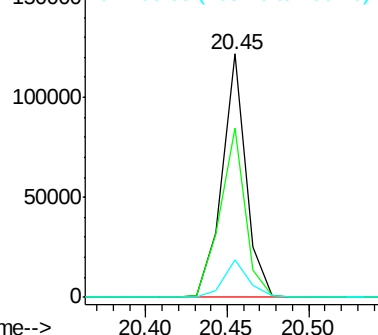
206 15.3 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.35 ng

RT: 21.04 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

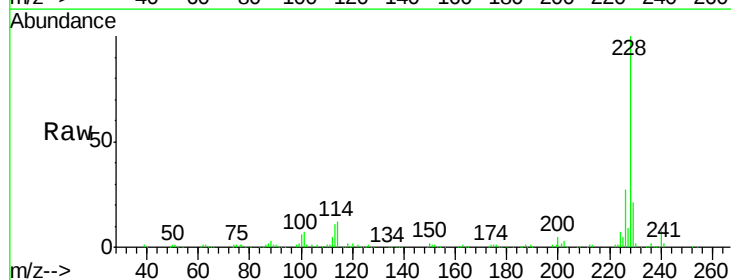
Tgt Ion:228 Resp: 217088

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

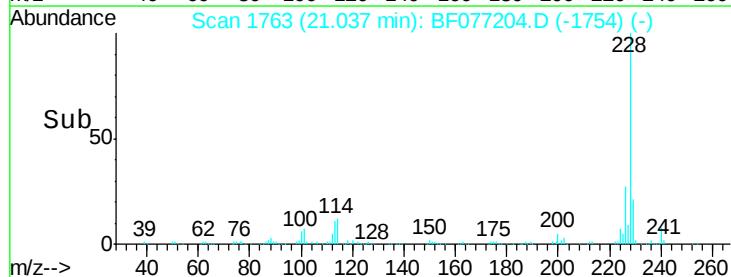
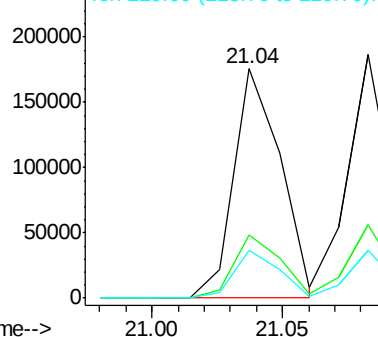
229 20.6 15.5 23.3

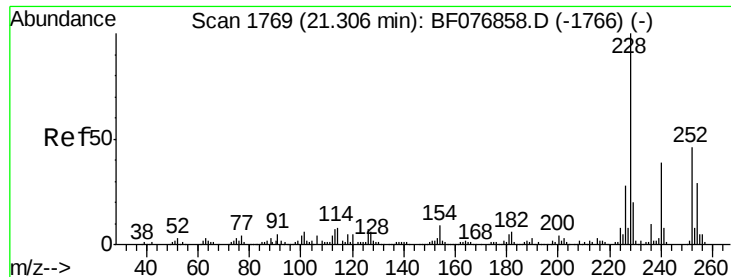


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

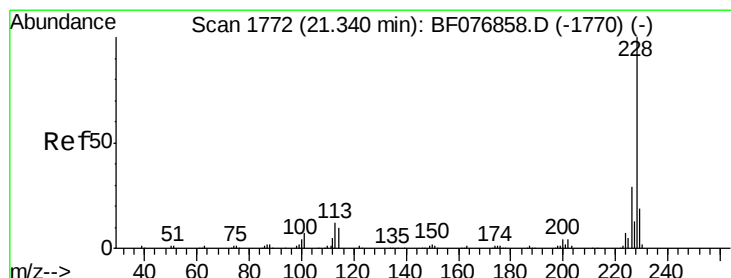
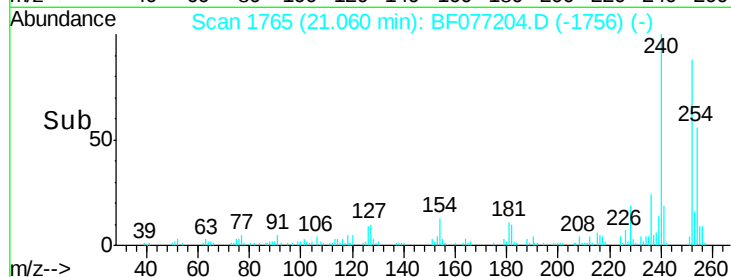
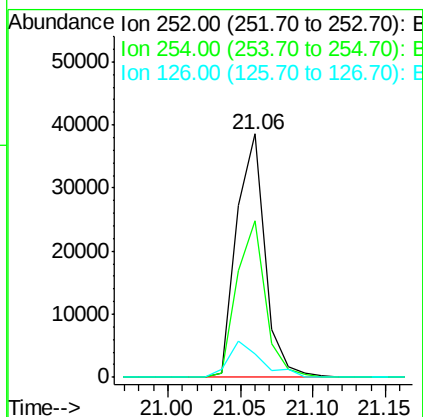
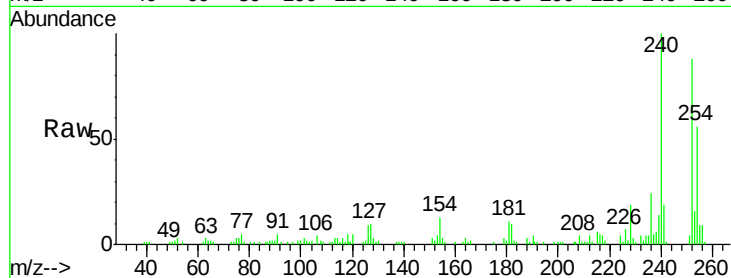




#81
 3,3'-Dichlorobenzidine
 Concen: 23.94 ng
 RT: 21.06 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

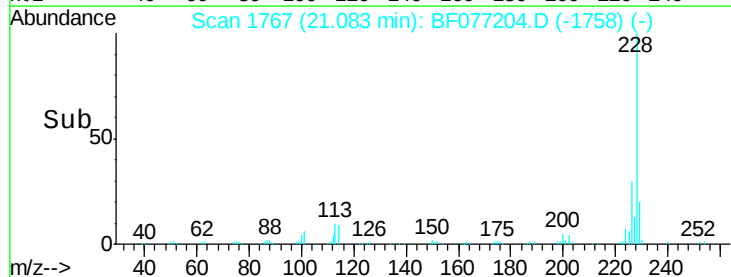
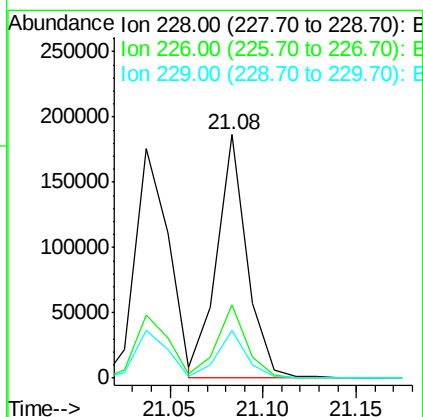
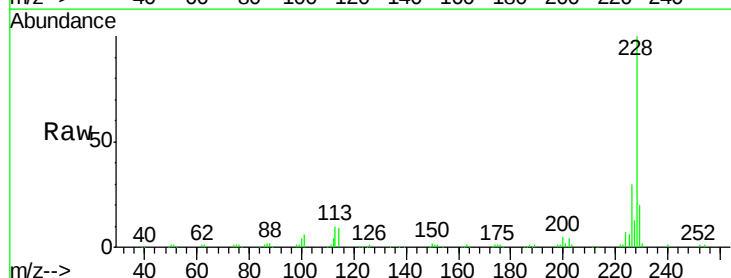
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion:252 Resp: 52693
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.2 75.4
 126 9.8 11.5 17.3#



#82
 Chrysene
 Concen: 32.91 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:228 Resp: 207857
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.0
 229 19.6 15.4 23.0

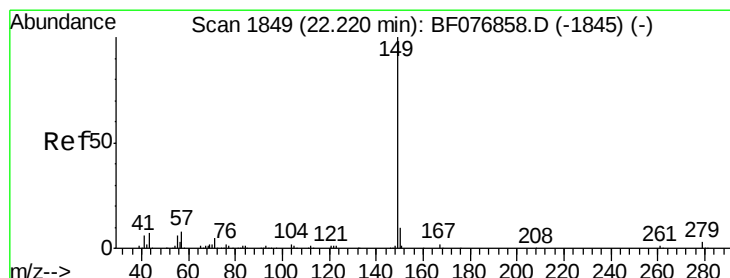
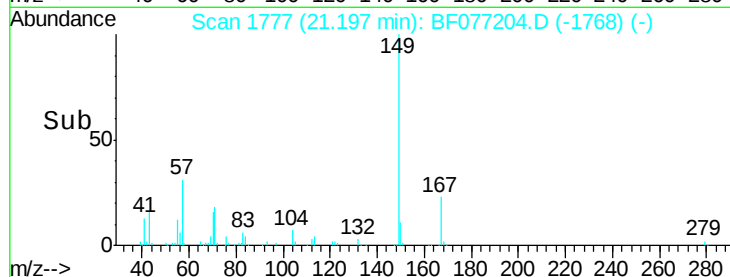
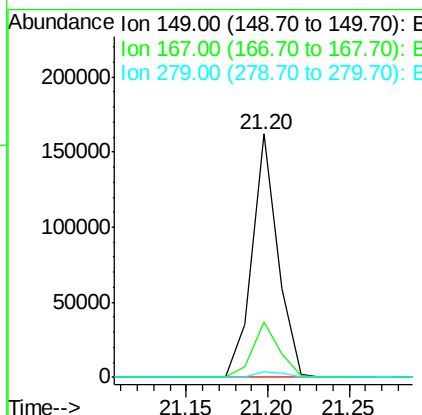
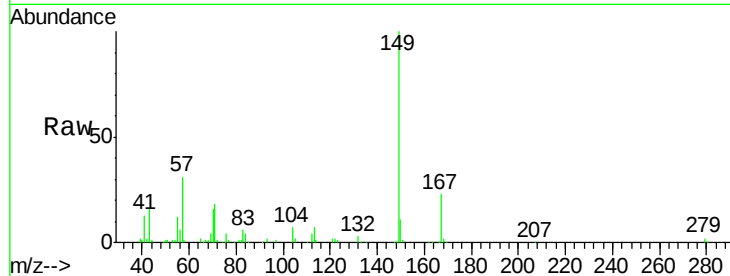




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.49 ng
 RT: 21.20 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

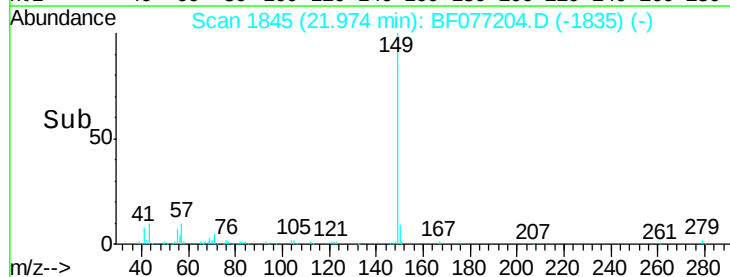
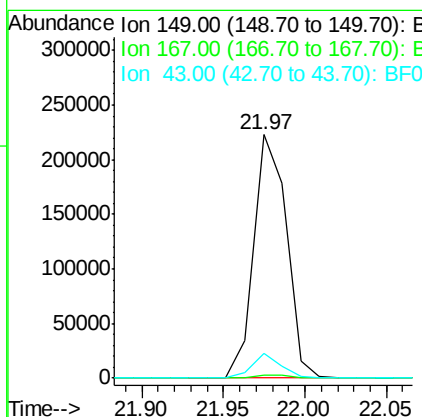
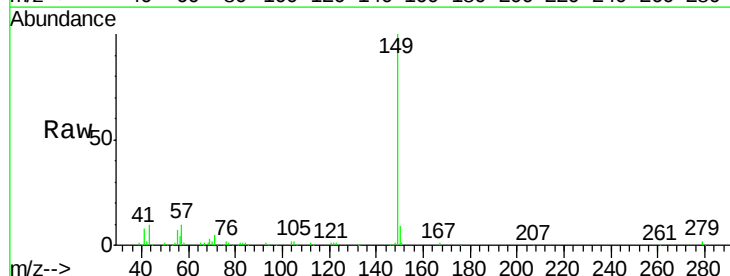
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tot Ion:149 Resp: 177689
 Ion Ratio Lower Upper
 149 100
 167 23.0 20.6 30.8
 279 2.1 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 37.86 ng
 RT: 21.97 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:149 Resp: 311436
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.9 6.6 10.0



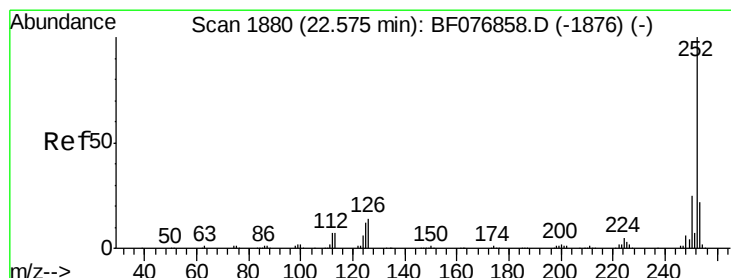
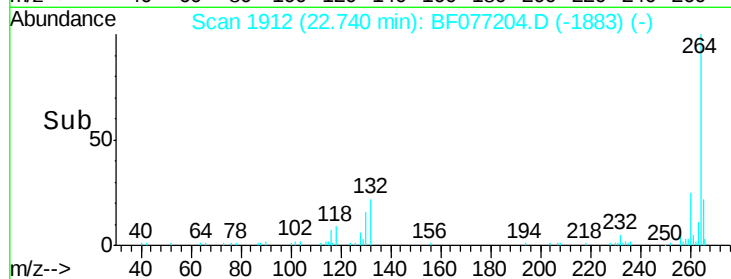
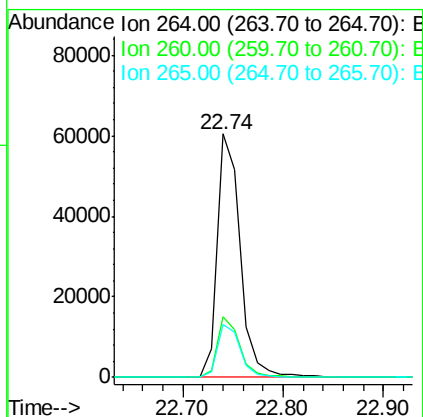
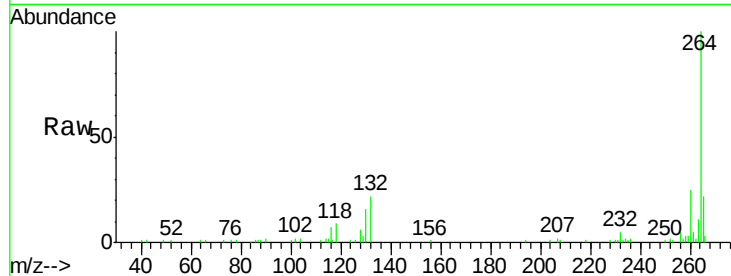


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.74 min Scan# 1912
Delta R.T. 0.03 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tot Ion:264 Resp: 95297

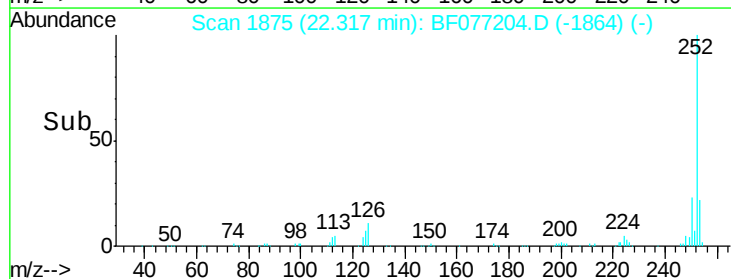
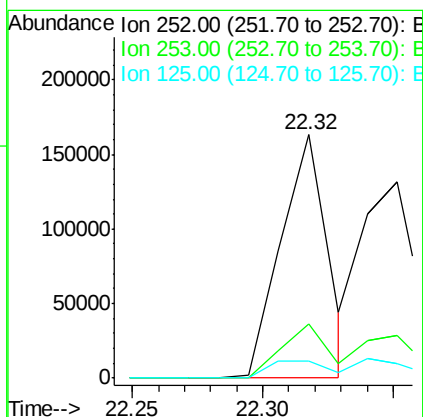
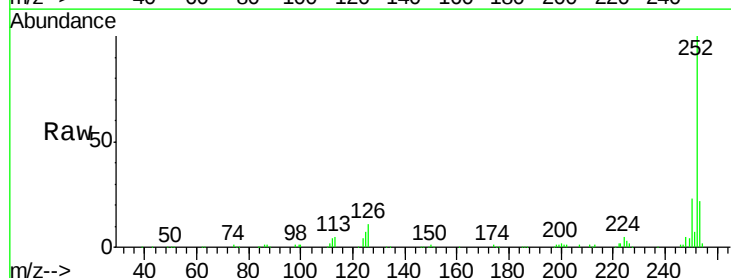
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	21.5	18.1	27.1



#87
Benzo(b)fluoranthene
Concen: 31.48 ng
RT: 22.32 min Scan# 1875
Delta R.T. 0.02 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:252 Resp: 202076

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	7.3	9.4	14.0#

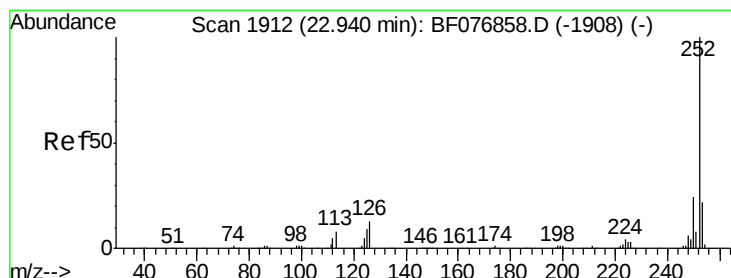
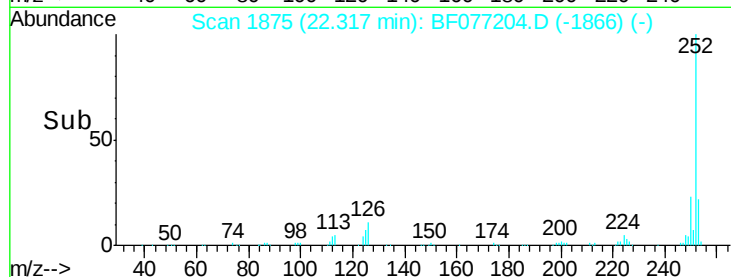
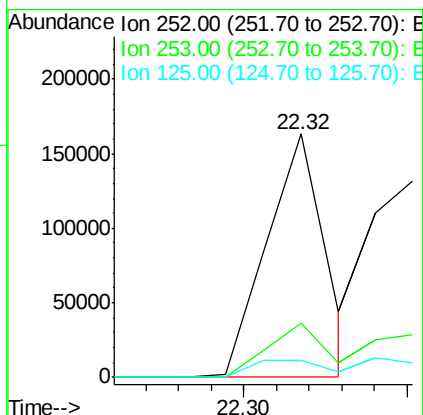
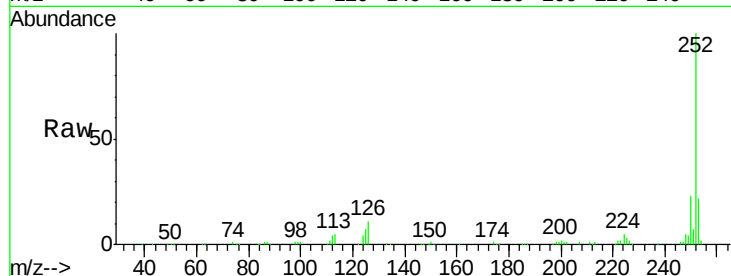




#88
Benzo(k)fluoranthene
Concen: 36.03 ng
RT: 22.32 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

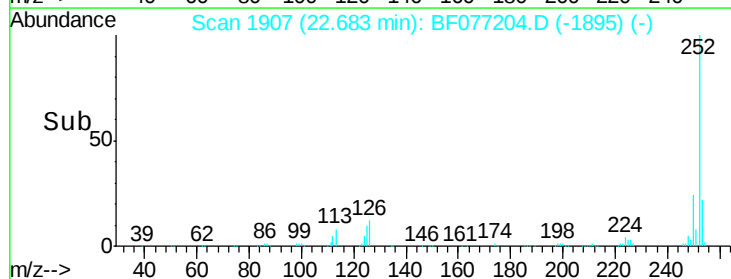
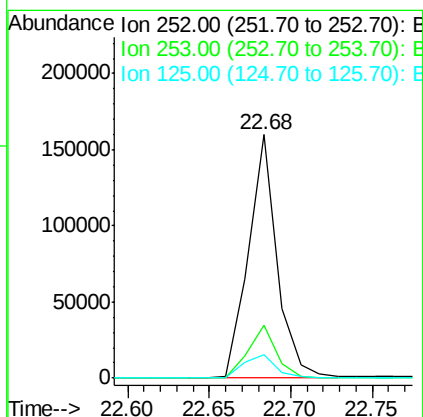
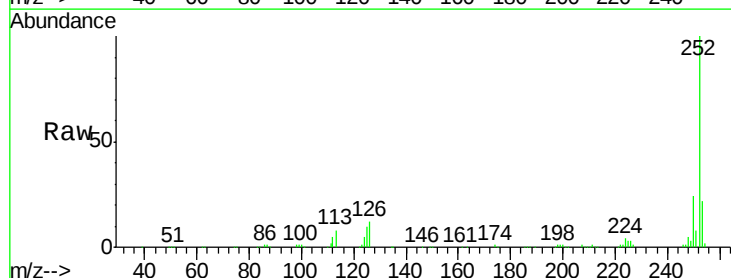
Instrument :
BNA_F
ClientSampleId :
PB81636BS

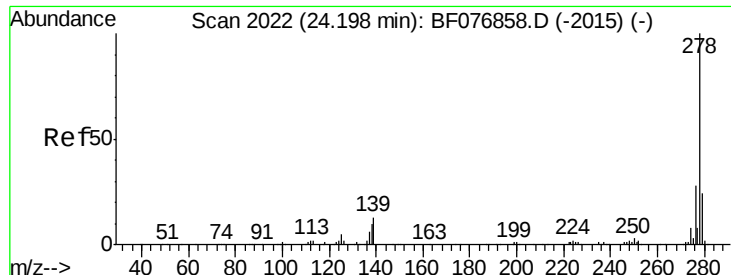
Tot Ion:252 Resp: 202062
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 7.3 7.1 10.7



#89
Benzo(a)pyrene
Concen: 34.51 ng
RT: 22.68 min Scan# 1907
Delta R.T. 0.03 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:252 Resp: 195354
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 9.7 7.2 10.8





#90

Dibenzo(a,h)anthracene

Concen: 31.11 ng

RT: 23.93 min Scan# 2016

Delta R.T. 0.07 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

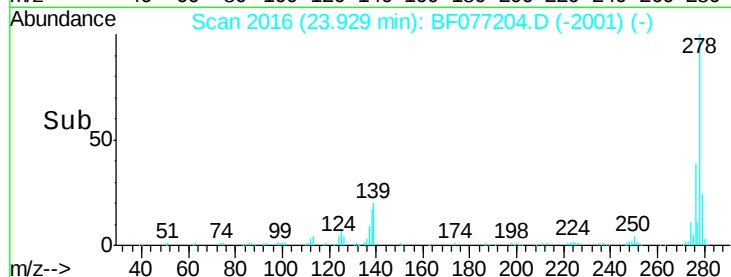
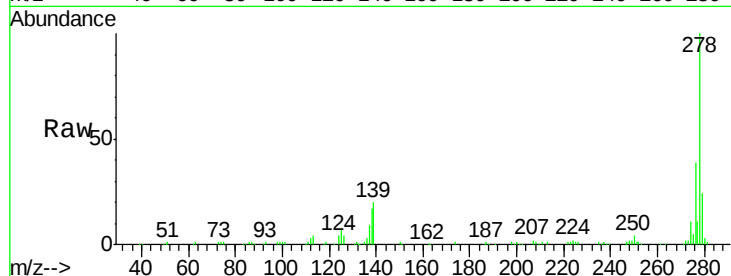
Tot Ion:278 Resp: 161628

Ion Ratio Lower Upper

278 100

139 20.2 10.5 15.7#

279 23.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

