

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077168.D
 Acq On : 3 Feb 2015 18:52
 Operator : TP/IZ
 Sample : PB81584BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Quant Time: Feb 04 01:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 01:16:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	22962	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	96536	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	46158	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	86786	20.00	ng	0.00
75) Chrysene-d12	21.07	240	92099	20.00	ng	0.00
86) Perylene-d12	22.71	264	79905	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	152383	109.11	ng	0.00
7) Phenol-d6	7.08	99	183017	103.88	ng	0.00
23) Nitrobenzene-d5	8.99	82	112795	64.73	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	41177	109.90	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	231724	76.40	ng	0.00
78) Terphenyl-d14	19.81	244	248855	62.21	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.12	88	18369	30.72	ng	# 92
3) Pyridine	1.56	79	46503	30.05	ng	94
4) n-Nitrosodimethylamine	1.53	42	23989	31.30	ng	84
6) Aniline	6.98	93	36850	15.11	ng	99
8) 2-Chlorophenol	7.21	128	50886	31.61	ng	94
9) Benzaldehyde	6.73	77	3564	2.52	ng	# 86
10) Phenol	7.12	94	56673	30.29	ng	92
11) bis(2-Chloroethyl)ether	7.23	93	48497	33.13	ng	# 75
12) 1,3-Dichlorobenzene	7.53	146	57487	31.38	ng	93
13) 1,4-Dichlorobenzene	7.72	146	57658	29.68	ng	95
14) 1,2-Dichlorobenzene	8.03	146	56268	31.44	ng	96
15) Benzyl Alcohol	8.13	79	44836	31.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	63665	32.36	ng	99
17) 2-Methylphenol	8.48	107	39411	29.95	ng	# 91
18) Hexachloroethane	8.77	117	22076	32.68	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	36813	29.85	ng	99
20) 3+4-Methylphenols	8.88	107	46034	26.42	ng	98
22) Acetophenone	8.68	105	77343	32.71	ng	98
24) Nitrobenzene	9.02	77	55565	31.30	ng	97
25) Isophorone	9.63	82	96556	30.43	ng	98
26) 2-Nitrophenol	9.78	139	24492	27.72	ng	95
27) 2,4-Dimethylphenol	10.05	122	45109	32.86	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	59495	32.99	ng	98
29) 2,4-Dichlorophenol	10.38	162	34135	26.68	ng	97
30) 1,2,4-Trichlorobenzene	10.50	180	45094	31.73	ng	98
31) Naphthalene	10.64	128	154940	31.17	ng	99
32) Benzoic acid	10.44	122	3977	5.23	ng	92
33) 4-Chloroaniline	10.90	127	32694	16.28	ng	94
34) Hexachlorobutadiene	11.00	225	25849	30.66	ng	98
35) Caprolactam	11.72	113	10019	26.60	ng	# 82
36) 4-Chloro-3-methylphenol	12.20	107	42176	28.79	ng	99
37) 2-Methylnaphthalene	12.29	142	109084	32.14	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	43345	37.98	ng	98
40) Hexachlorocyclopentadiene	12.68	237	42043	69.10	ng	97

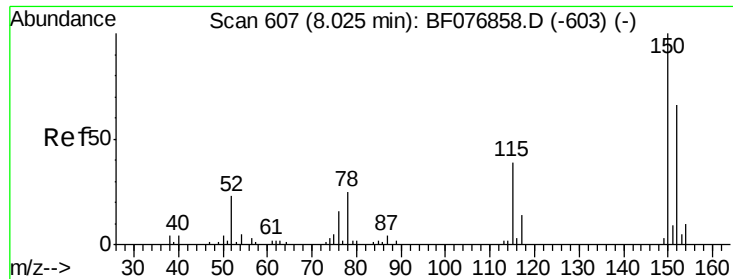
Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077168.D
 Acq On : 3 Feb 2015 18:52
 Operator : TP/IZ
 Sample : PB81584BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Feb 04 01:28:59 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	26659	32.06	nq	91
43) 2,4,5-Trichlorophenol	13.15	196	22999	27.12	nq	# 95
45) 1,1'-Biphenyl	13.45	154	127498	37.26	nq	97
46) 2-Chloronaphthalene	13.41	162	99125	35.20	nq	98
47) 2-Nitroaniline	13.77	65	29534	34.57	nq	98
48) Acenaphthylene	14.36	152	162761	34.27	nq	100
49) Dimethylphthalate	14.32	163	120020	36.67	nq	97
50) 2,6-Dinitrotoluene	14.42	165	24313	37.18	nq	88
51) Acenaphthene	14.79	154	91221	33.85	nq	97
52) 3-Nitroaniline	14.77	138	19523	23.81	nq	99
53) 2,4-Dinitrophenol	15.06	184	10238	40.21	nq	# 84
54) Dibenzofuran	15.21	168	144308	36.76	nq	97
55) 4-Nitrophenol	15.38	139	20560	40.07	nq	93
56) 2,4-Dinitrotoluene	15.36	165	35111	36.35	nq	95
57) Fluorene	15.97	166	122098	36.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	17676	28.63	nq	# 82
59) Diethylphthalate	15.97	149	128435	38.82	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	50025	36.76	nq	# 96
61) 4-Nitroaniline	16.12	138	24790	30.60	nq	99
62) Azobenzene	16.36	77	129916	37.69	nq	99
64) 4,6-Dinitro-2-methylphenol	16.20	198	13867	26.46	nq	# 73
65) n-Nitrosodiphenylamine	16.32	169	95360	30.82	nq	96
66) 4-Bromophenyl-phenylether	16.93	248	28290	32.18	nq	95
67) Hexachlorobenzene	16.95	284	31517	34.01	nq	99
68) Atrazine	17.31	200	32719	34.84	nq	93
69) Pentachlorophenol	17.32	266	17050	43.56	nq	98
70) Phenanthrene	17.60	178	173739	32.10	nq	98
71) Anthracene	17.68	178	170133	32.24	nq	99
72) Carbazole	17.97	167	164148	32.07	nq	99
73) Di-n-butylphthalate	18.57	149	200611	33.86	nq	98
74) Fluoranthene	19.25	202	183534	33.09	nq	98
76) Benzidine	19.51	184	69953	23.74	nq	97
77) Pyrene	19.54	202	191150	30.28	nq	99
79) Butylbenzylphthalate	20.48	149	89637	31.36	nq	99
80) Benzo(a)anthracene	21.06	228	178543	30.90	nq	99
81) 3,3'-Dichlorobenzidine	21.07	252	39926	21.74	nq	97
82) Chrysene	21.11	228	167497	31.79	nq	98
83) Bis(2-ethylhexyl)phthalate	21.22	149	128112	32.39	nq	99
84) Di-n-octyl phthalate	21.97	149	230374	33.56	nq	99
85) Indeno(1,2,3-cd)pyrene	23.79	276	182827	32.74	nq	# 85
87) Benzo(b)fluoranthene	22.31	252	172536	32.06	nq	# 96
88) Benzo(k)fluoranthene	22.31	252	172536	36.70	nq	98
89) Benzo(a)pyrene	22.65	252	156694	33.01	nq	98
90) Dibenzo(a,h)anthracene	23.81	278	147625	33.89	nq	98
91) Benzo(g,h,i)perylene	24.05	276	150255	34.70	nq	96

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

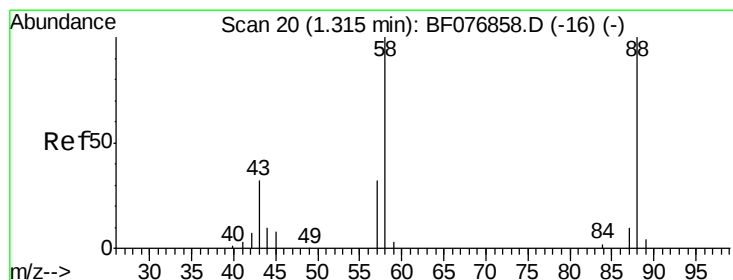
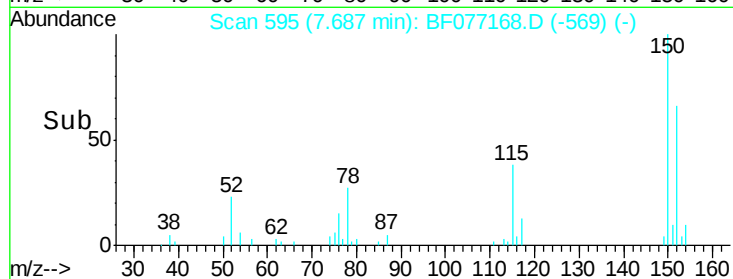
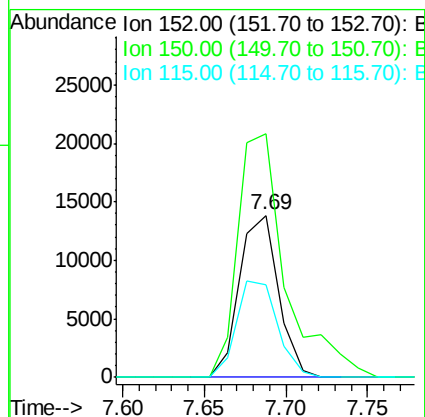
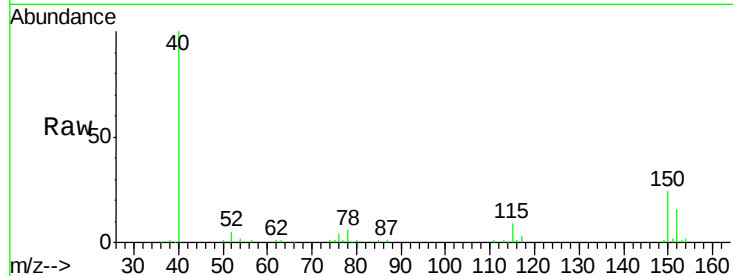


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Instrument :
BNA_F
ClientSampled :
PB81584BS

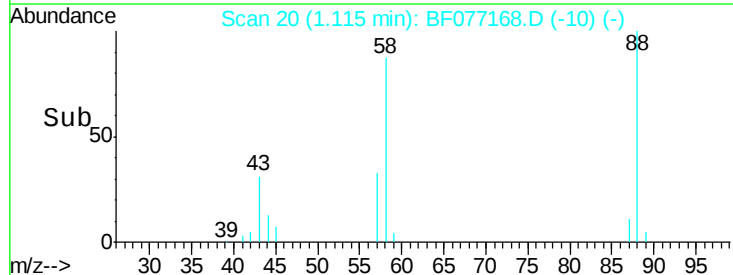
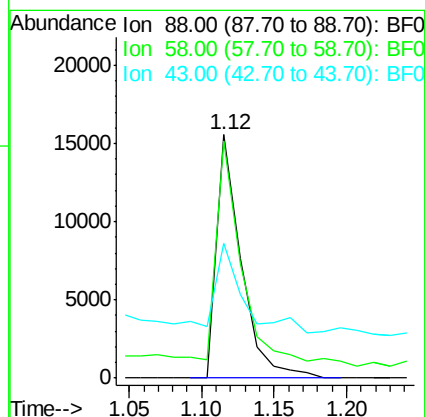
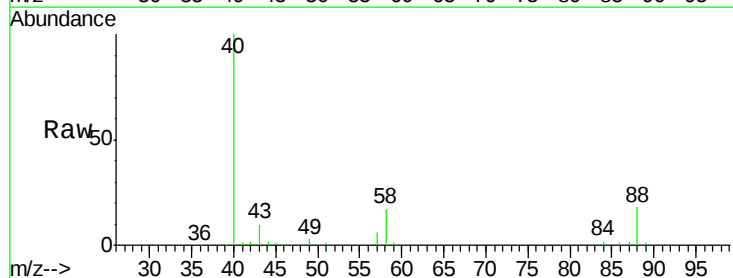
Tot Ion:152 Resp: 22962
Ion Ratio Lower Upper
152 100
150 150.6 121.7 182.5
115 57.6 47.0 70.6



#2

1,4-Dioxane
Concen: 30.72 ng
RT: 1.12 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion: 88 Resp: 18369
Ion Ratio Lower Upper
88 100
58 102.5 77.0 115.4
43 39.4 25.6 38.4#





#3

Pvridine

Concen: 30.05 ng

RT: 1.56 min Scan# 59

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

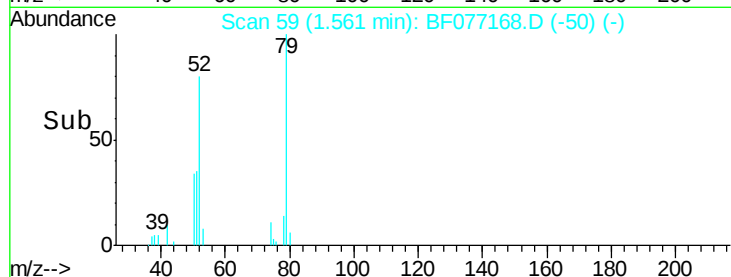
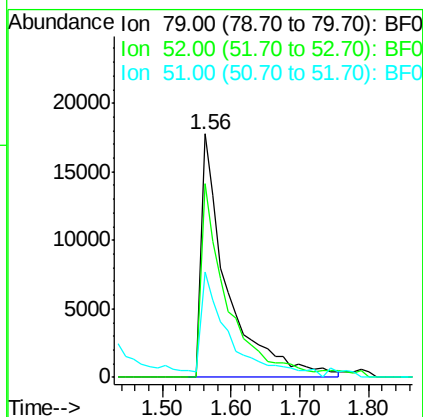
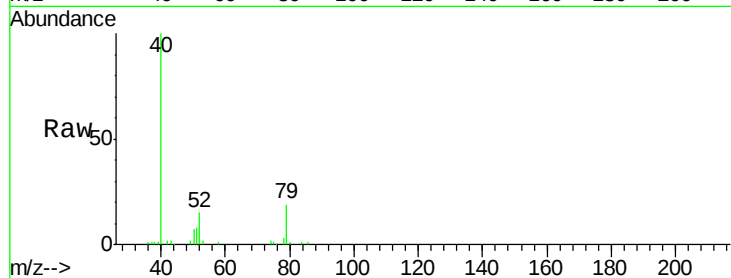
Tot Ion: 79 Resp: 46503

Ion Ratio Lower Upper

79 100

52 79.5 70.1 105.1

51 43.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 31.30 ng

RT: 1.53 min Scan# 56

Delta R.T. 0.01 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

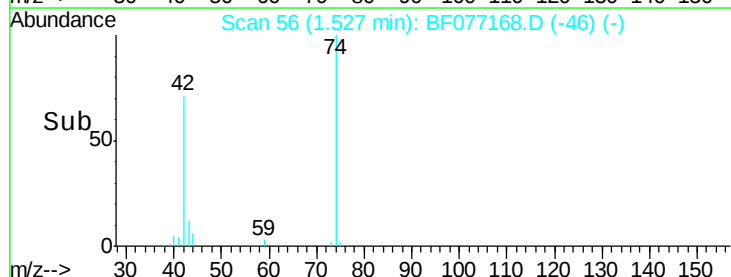
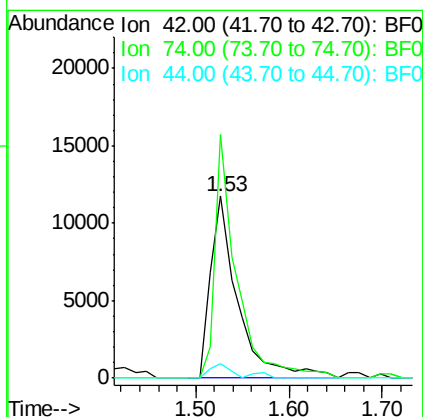
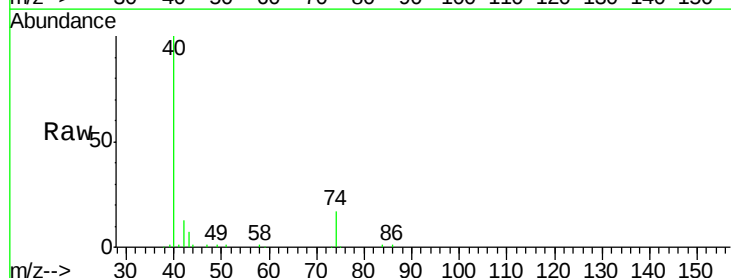
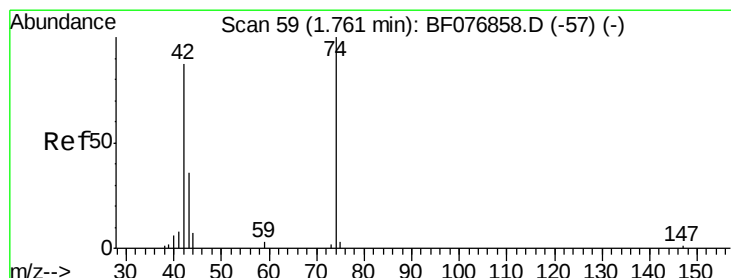
Tgt Ion: 42 Resp: 23989

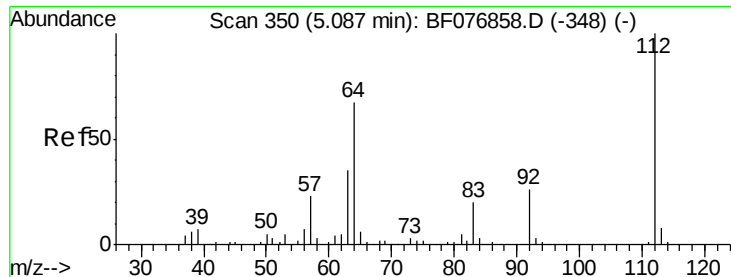
Ion Ratio Lower Upper

42 100

74 133.9 92.4 138.6

44 8.1 6.2 9.2





#5

2-Fluorophenol

Concen: 109.11 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

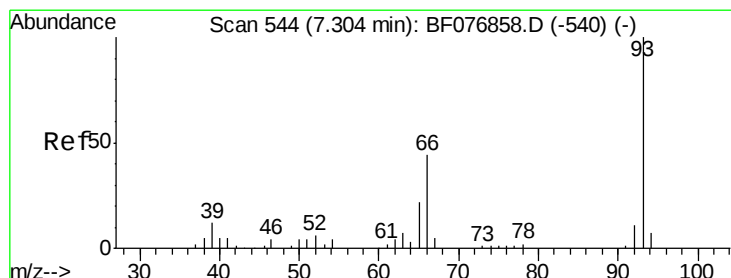
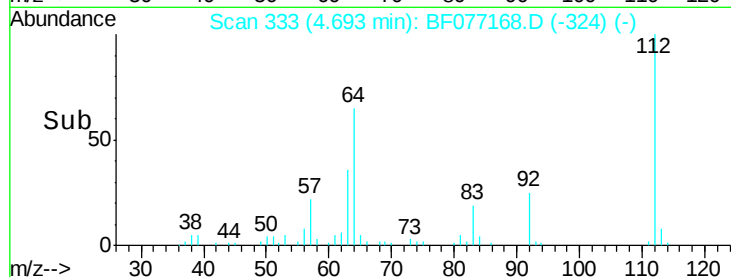
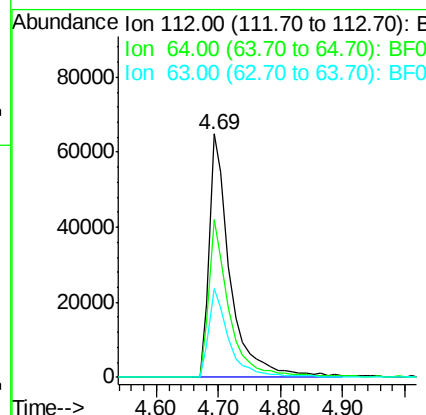
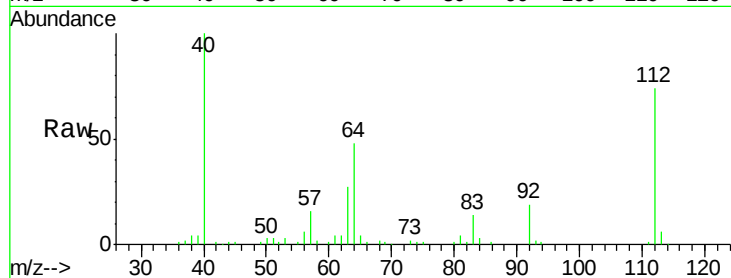
Instrument :

BNA_F

ClientSampleId :

PB81584BS

Tot Ion:	112	Resp:	152383
Ion	Ratio	Lower	Upper
112	100		
64	64.7	54.2	81.4
63	36.3	28.4	42.6



#6

Aniline

Concen: 15.11 ng

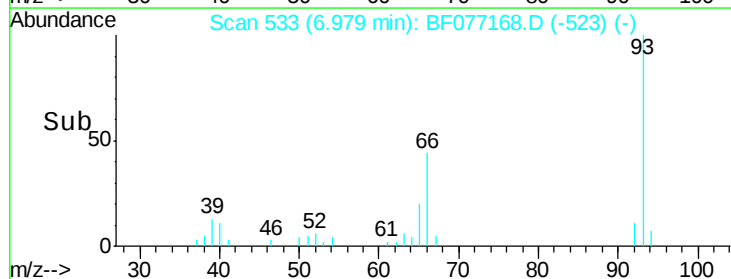
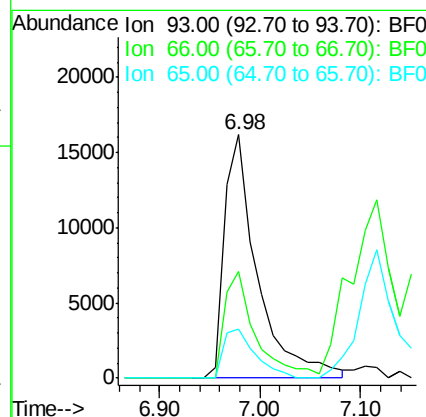
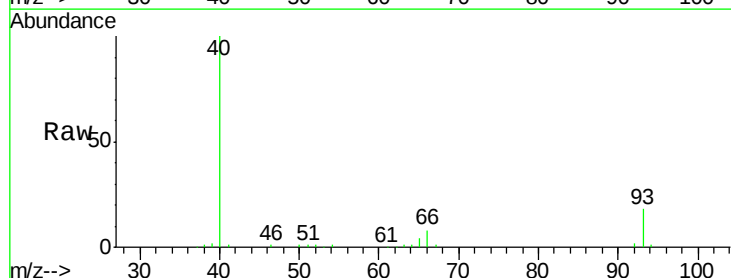
RT: 6.98 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Tgt Ion:	93	Resp:	36850
Ion	Ratio	Lower	Upper
93	100		
66	43.9	35.0	52.4
65	20.4	17.7	26.5





#7

Phenol-d6

Concen: 103.88 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

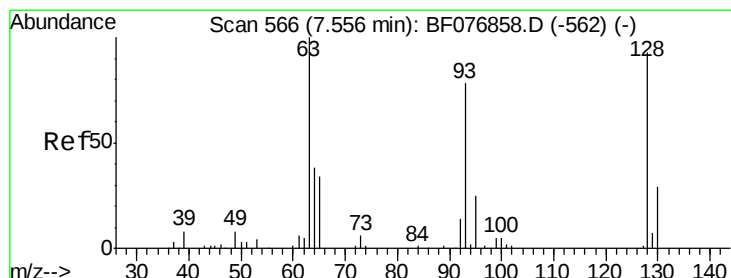
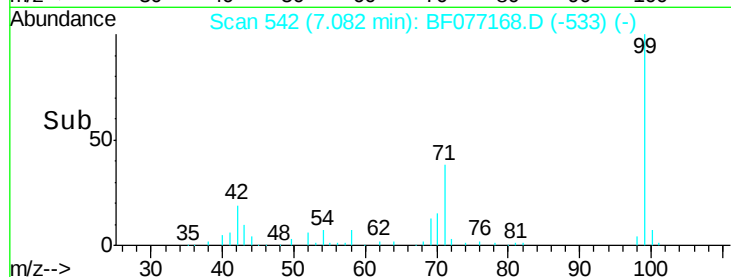
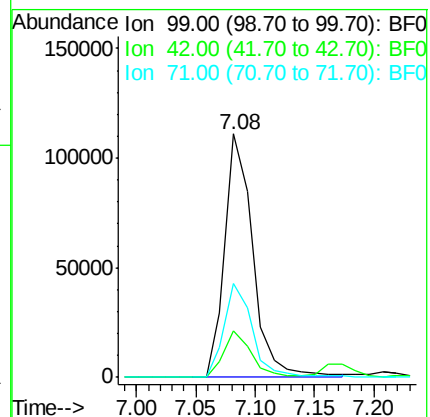
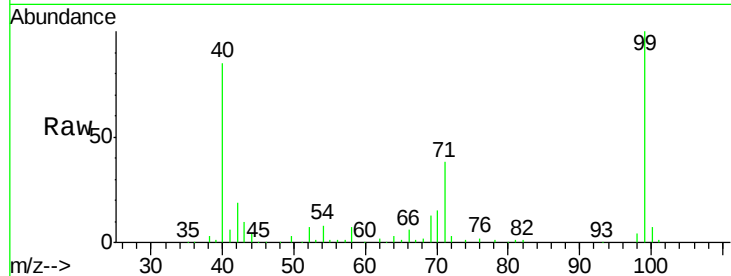
Tot Ion: 99 Resp: 183017

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

71 38.3 30.5 45.7



#8

2-Chlorophenol

Concen: 31.61 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

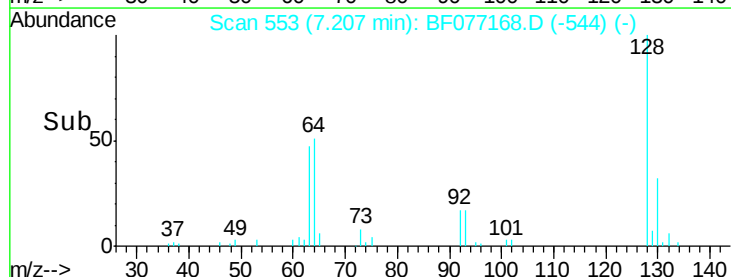
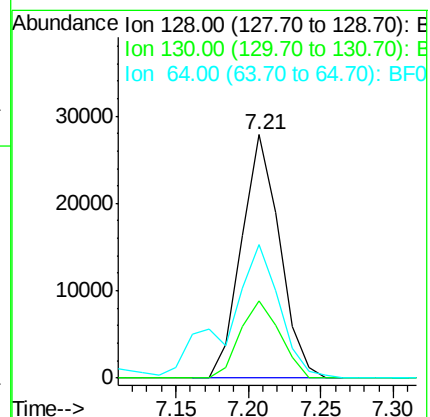
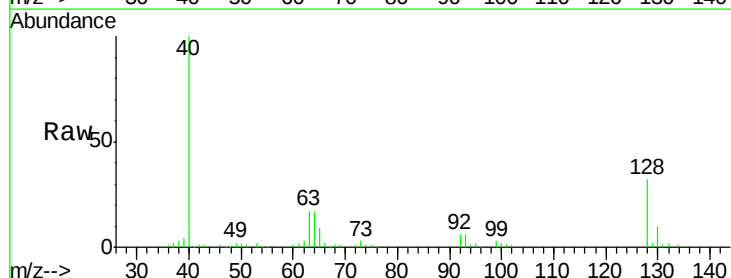
Tgt Ion:128 Resp: 50886

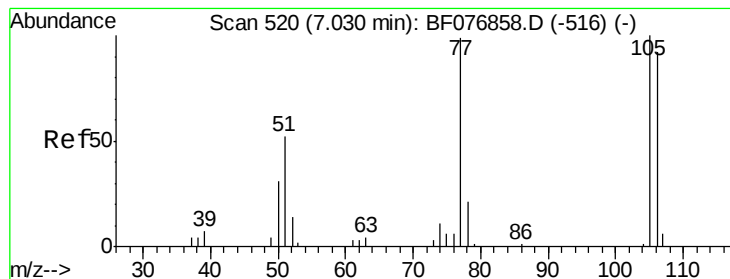
Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

64 54.8 29.3 69.3





#9

Benzaldehyde

Concen: 2.52 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

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ClientSampleId :

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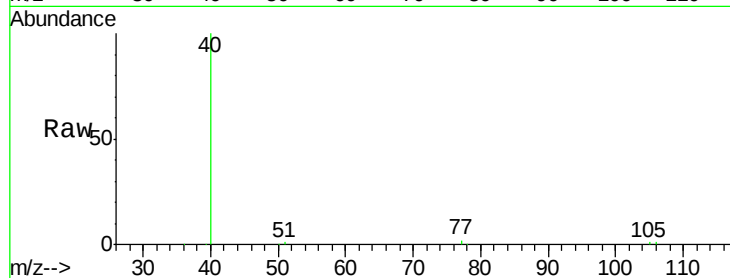
Tot Ion: 77 Resp: 3564

Ion Ratio Lower Upper

77 100

105 76.5 81.4 121.4#

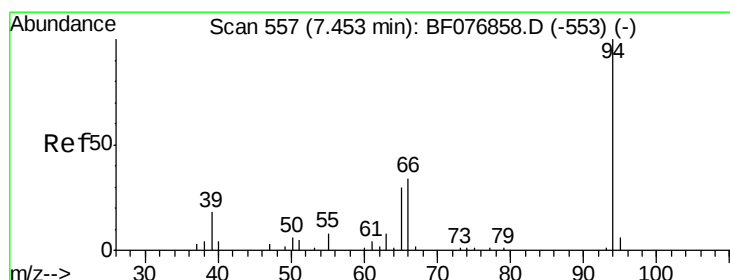
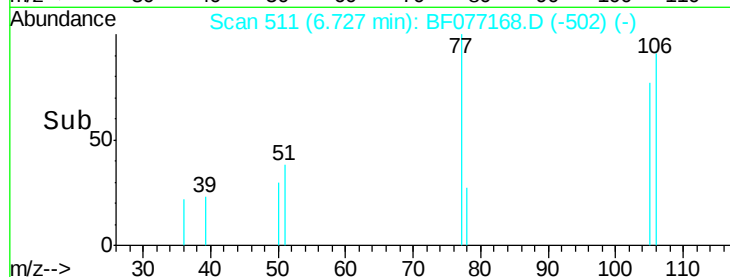
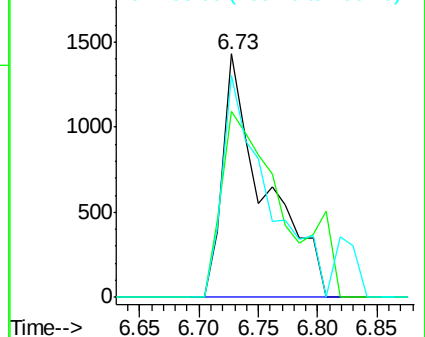
106 91.1 72.8 112.8



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: 30.29 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

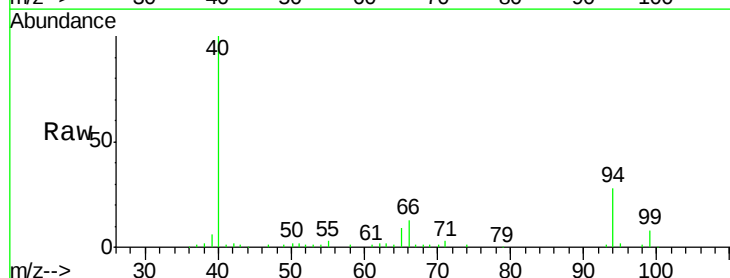
Tgt Ion: 94 Resp: 56673

Ion Ratio Lower Upper

94 100

65 33.4 11.3 51.3

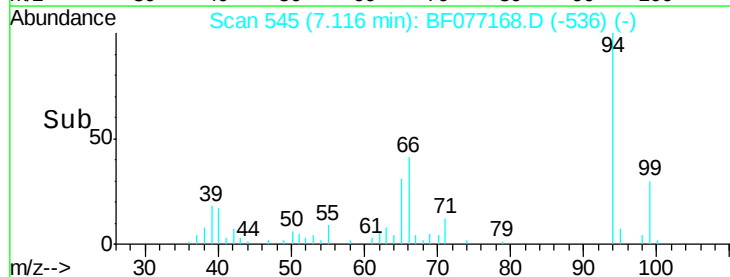
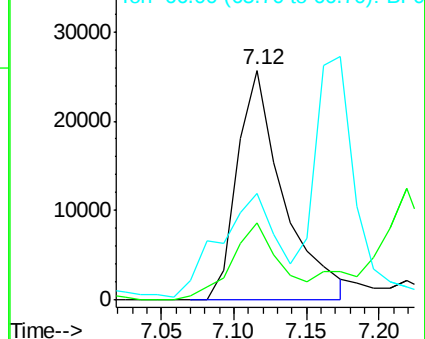
66 46.3 19.5 59.5

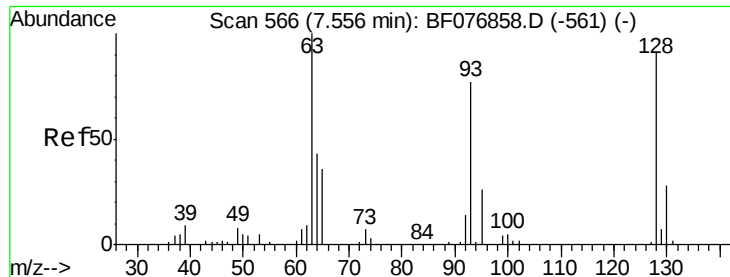


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

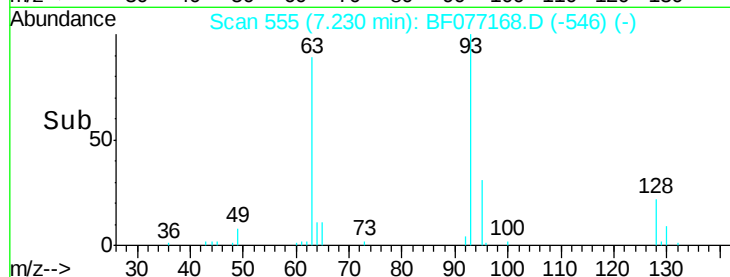
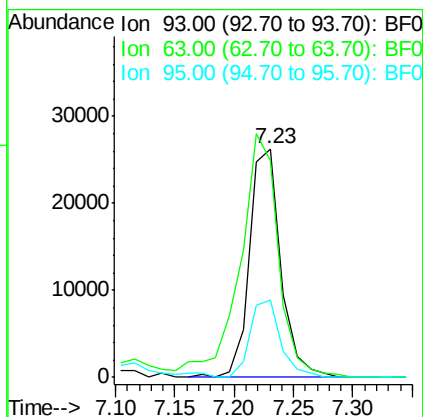
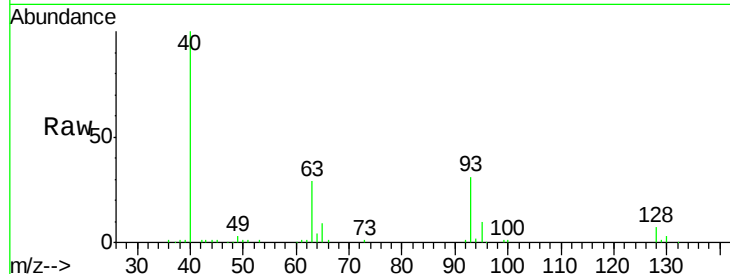




#11
bis(2-Chloroethyl)ether
Concen: 33.13 ng
RT: 7.23 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

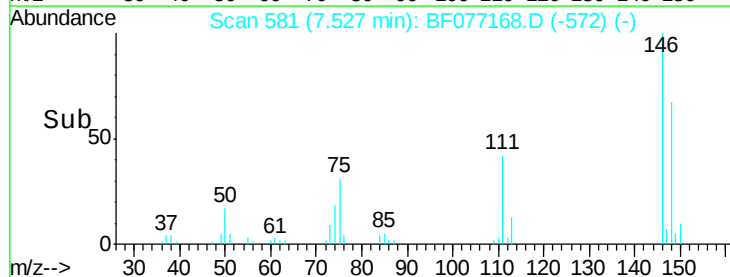
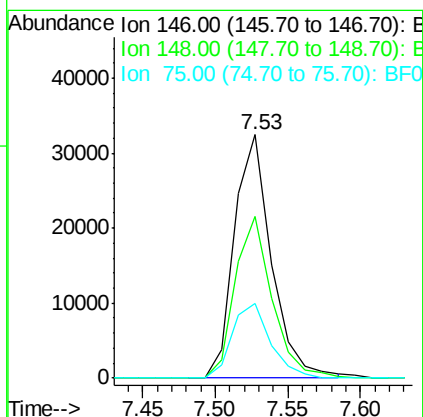
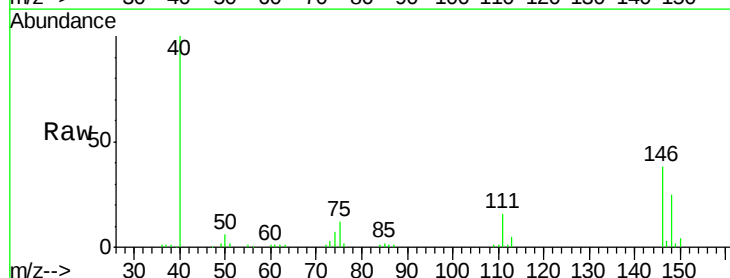
Instrument :
BNA_F
ClientSampleId :
PB81584BS

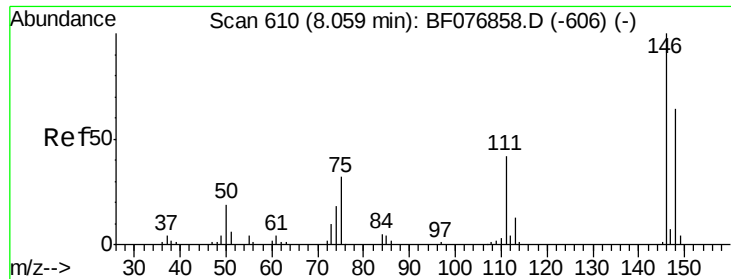
Tot Ion: 93 Resp: 48497
Ion Ratio Lower Upper
93 100
63 94.6 111.3 151.3#
95 33.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 31.38 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion: 146 Resp: 57487
Ion Ratio Lower Upper
146 100
148 66.7 48.1 72.1
75 30.9 26.8 40.2

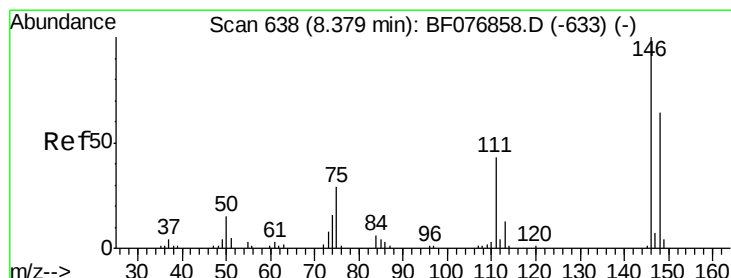
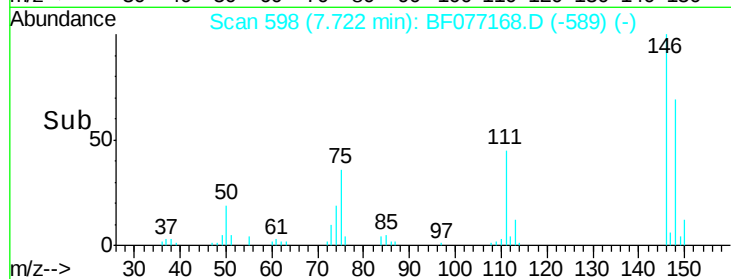
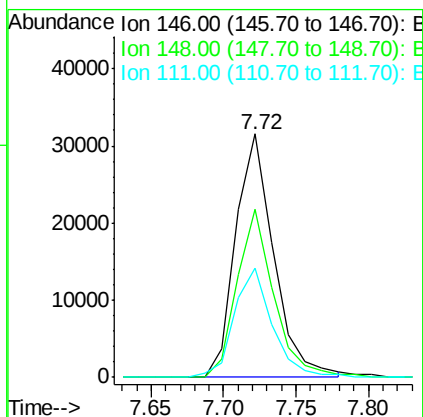
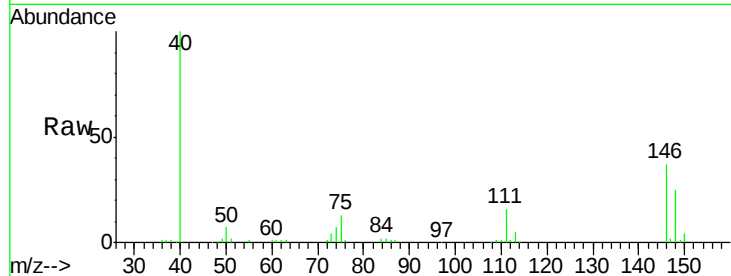




#13
 1,4-Dichlorobenzene
 Concen: 29.68 ng
 RT: 7.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

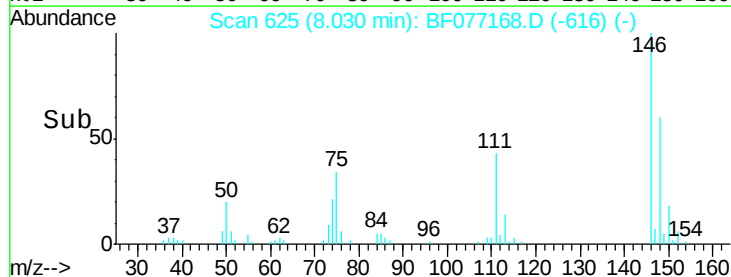
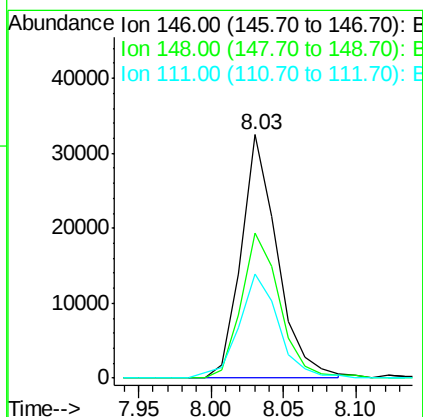
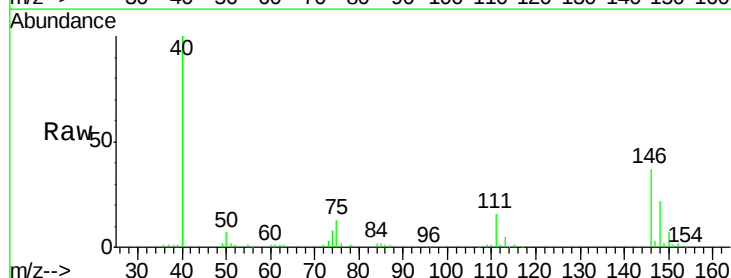
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

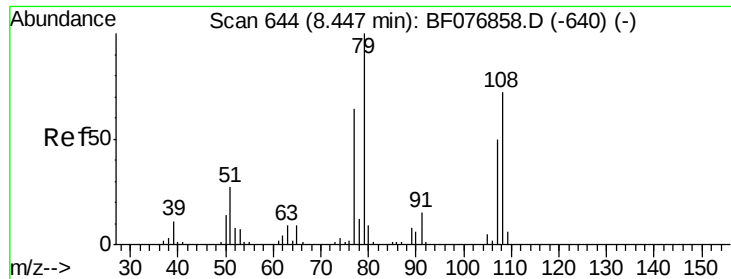
Tot Ion:146 Resp: 57658
 Ion Ratio Lower Upper
 146 100
 148 69.2 51.5 77.3
 111 44.7 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 31.44 ng
 RT: 8.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:146 Resp: 56268
 Ion Ratio Lower Upper
 146 100
 148 59.8 51.3 76.9
 111 42.6 34.5 51.7





#15

Benzyl Alcohol

Concen: 31.45 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

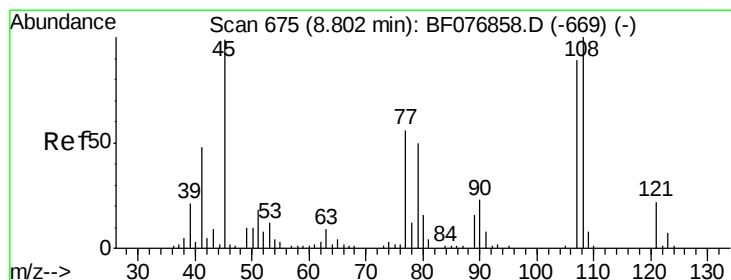
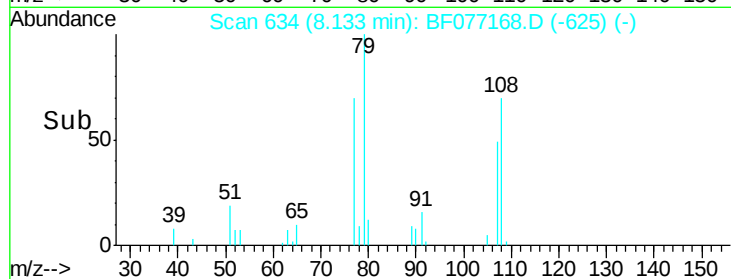
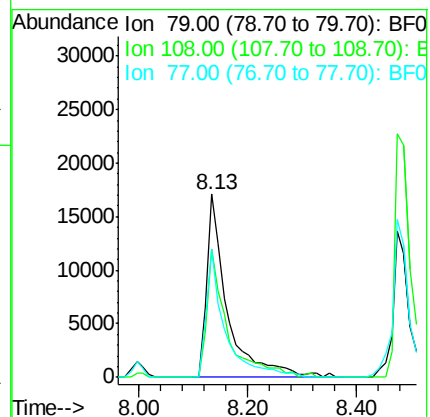
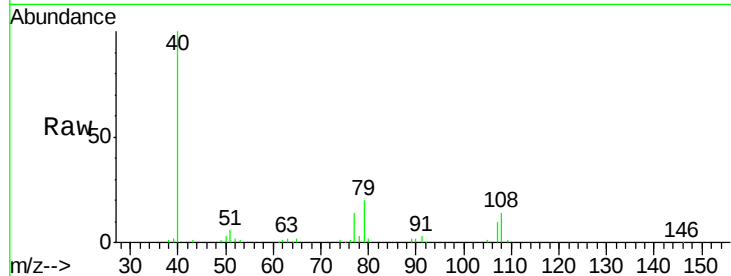
Tot Ion: 79 Resp: 44836

Ion Ratio Lower Upper

79 100

108 70.2 57.2 85.8

77 70.4 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.36 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

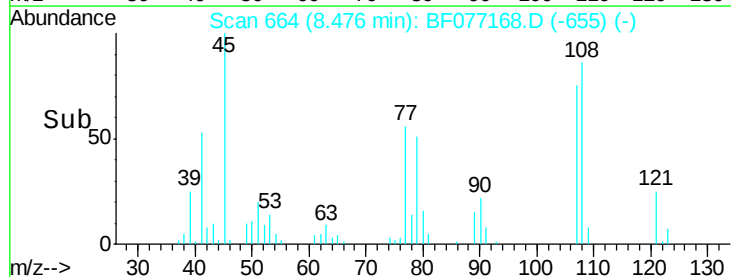
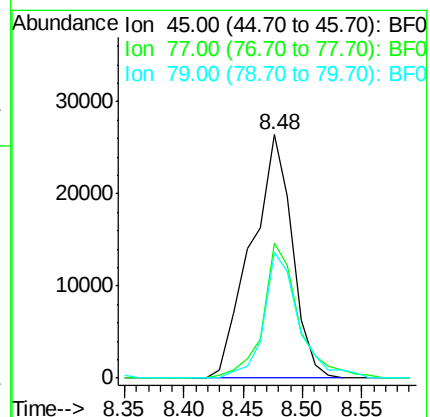
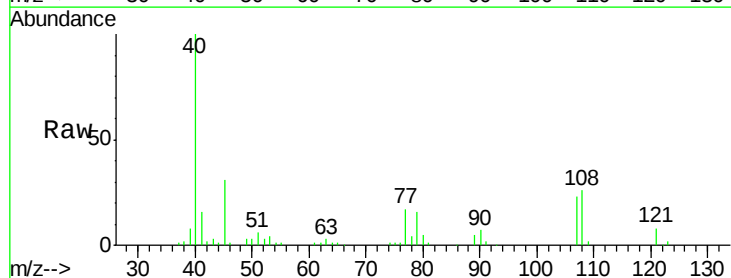
Tgt Ion: 45 Resp: 63665

Ion Ratio Lower Upper

45 100

77 55.6 36.1 76.1

79 51.5 30.5 70.5





#17

2-Methylphenol

Concen: 29.95 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

Tot Ion:107 Resp: 39411

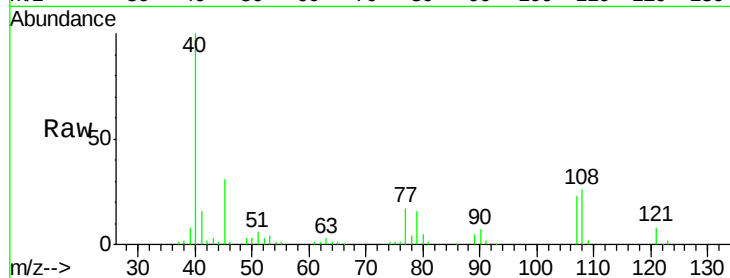
Ion Ratio Lower Upper

107 100

108 114.2 89.7 134.5

77 73.8 50.1 75.1

79 68.3 45.0 67.6#

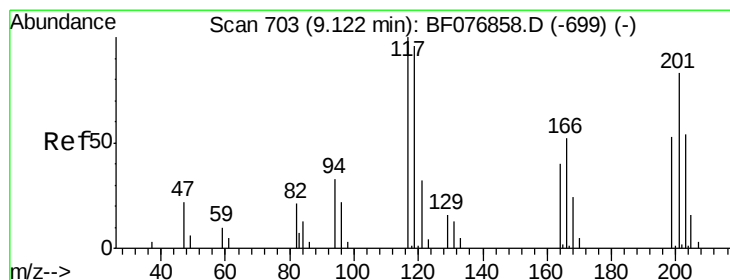
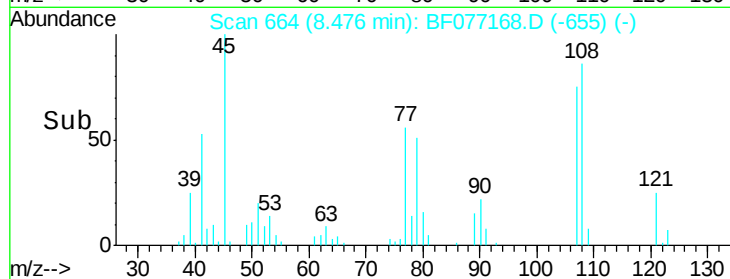
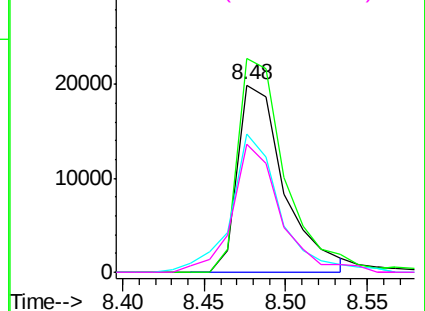


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.68 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

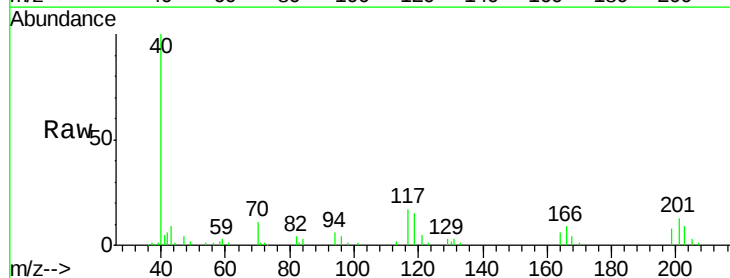
Tgt Ion:117 Resp: 22076

Ion Ratio Lower Upper

117 100

119 86.8 77.1 115.7

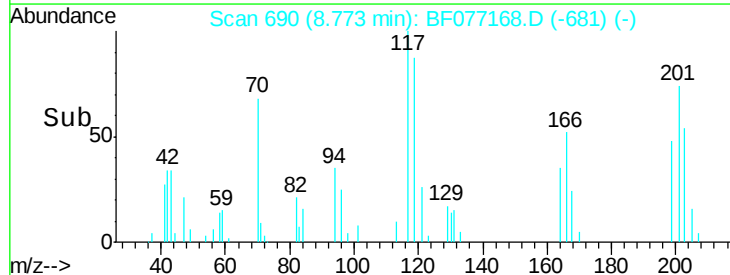
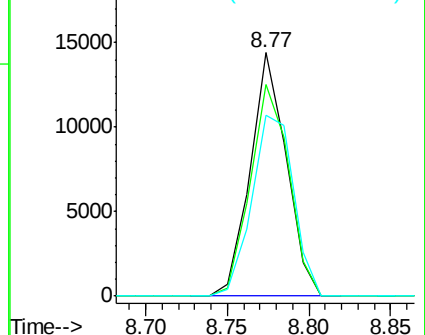
201 74.1 66.8 100.2

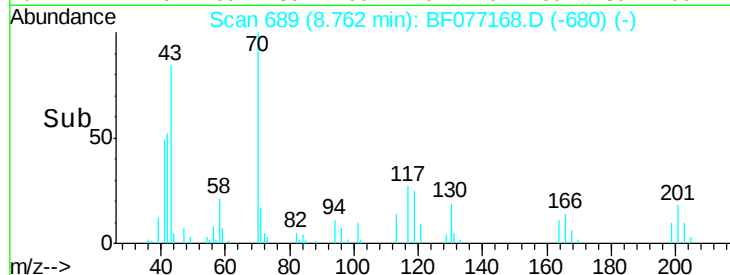
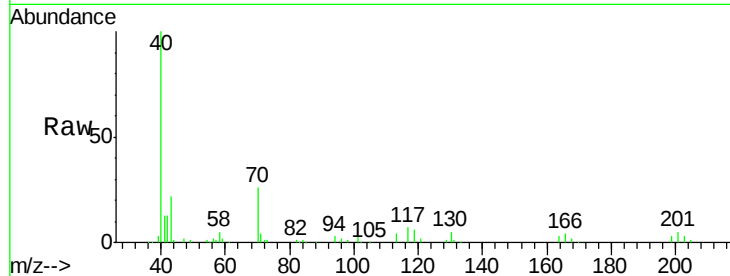
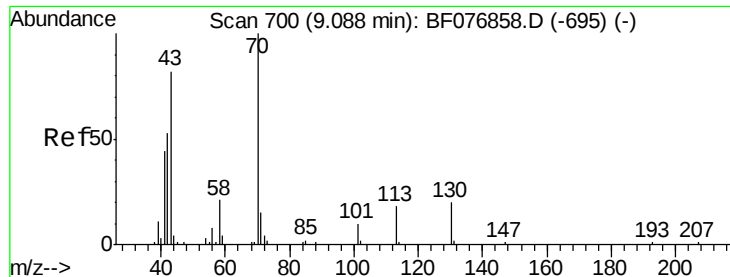


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

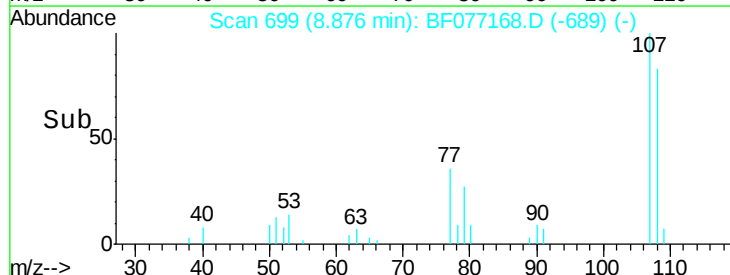
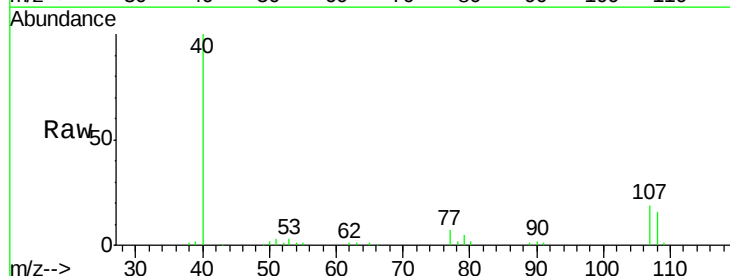
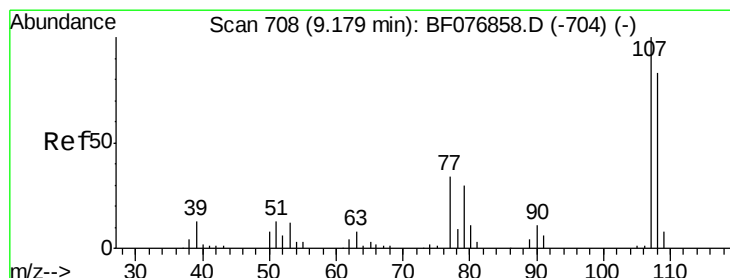
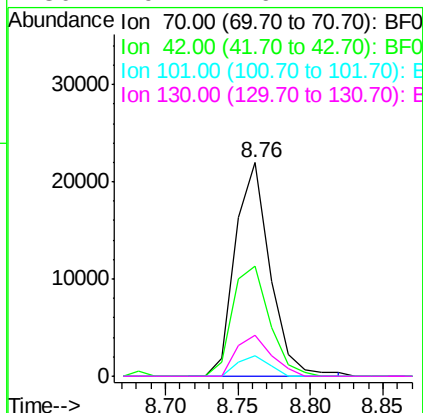




#19
n-Nitroso-di-n-propylamine
Concen: 29.85 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

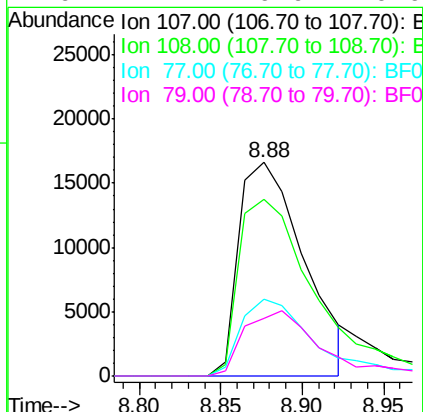
Instrument :
BNA_F
ClientSampleId :
PB81584BS

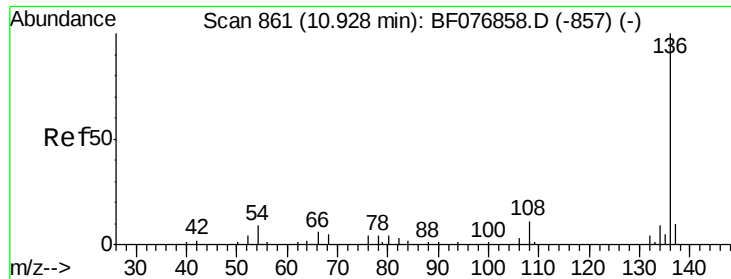
Tot Ion:	70	Resp:	36813
Ion	Ratio	Lower	Upper
70	100		
42	51.8	42.1	63.1
101	9.9	7.8	11.8
130	19.1	16.2	24.4



#20
3+4-Methylphenols
Concen: 26.42 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:	107	Resp:	46034
Ion	Ratio	Lower	Upper
107	100		
108	82.6	63.5	103.5
77	35.9	14.0	54.0
79	27.1	9.9	49.9

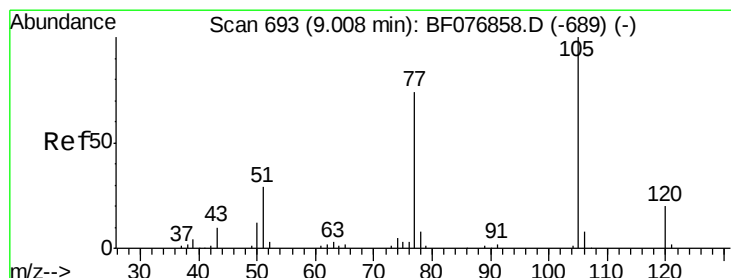
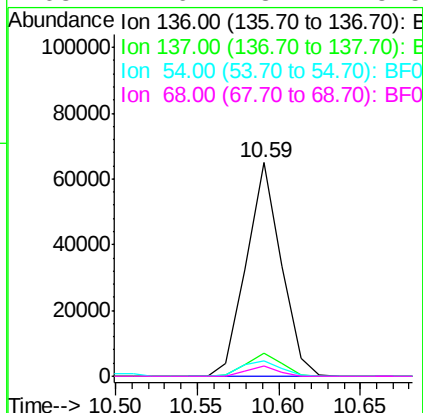
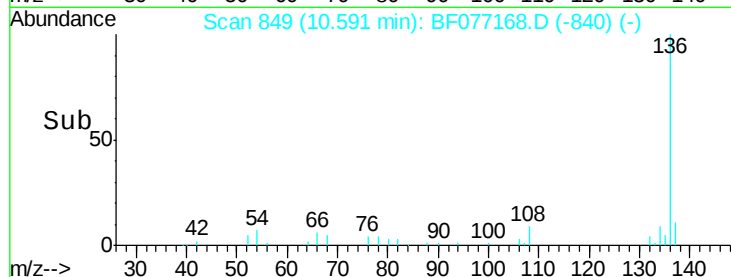
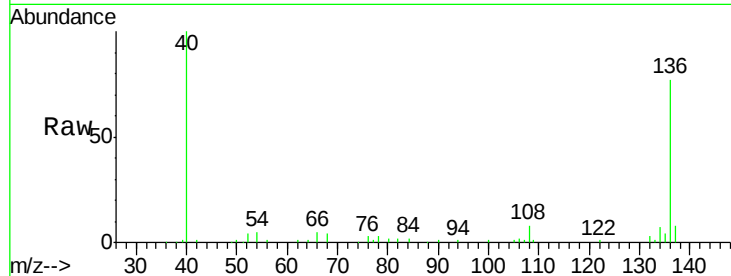




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

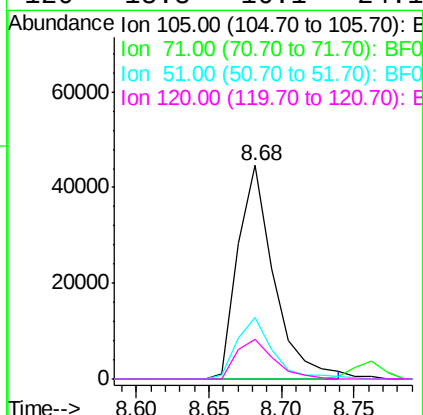
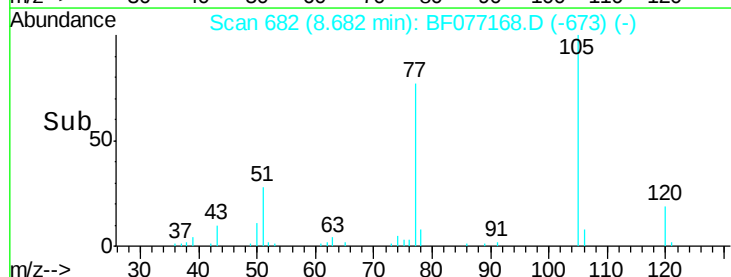
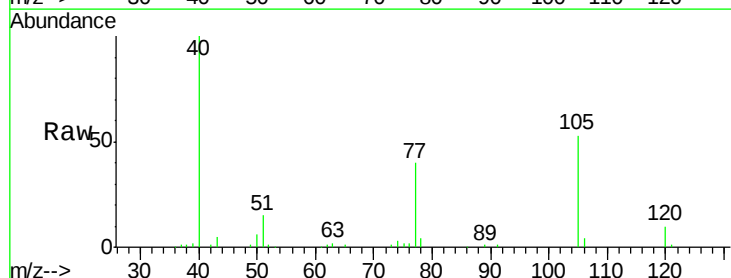
Instrument :
BNA_F
ClientSampleId :
PB81584BS

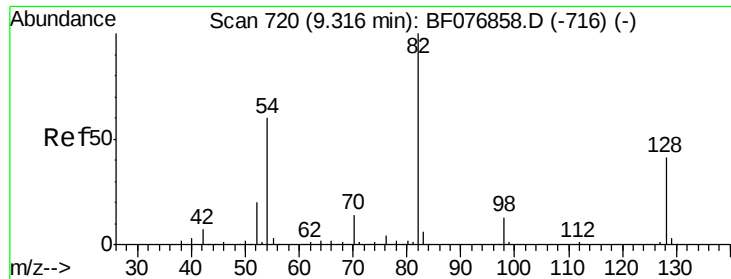
Tot Ion:136	Resp:	96536
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.1 12.1
54	7.2	7.0 10.4
68	4.6	3.7 5.5



#22
Acetophenone
Concen: 32.71 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:105	Resp:	77343
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	28.5	23.3 34.9
120	18.8	16.1 24.1

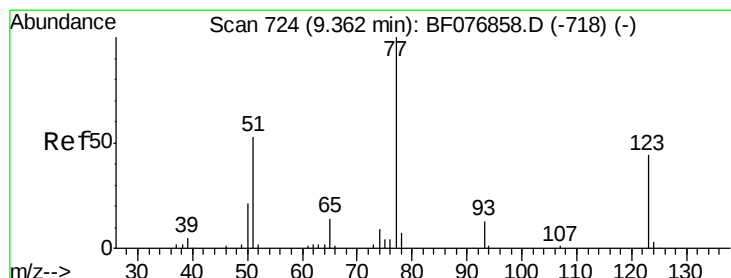
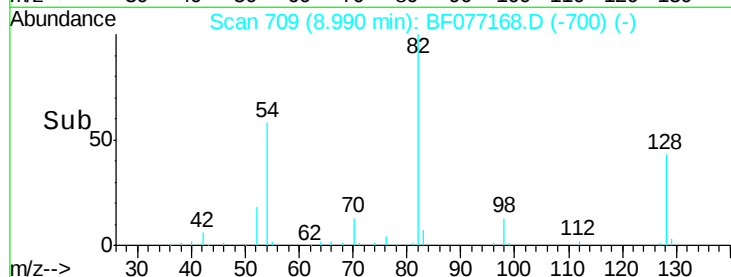
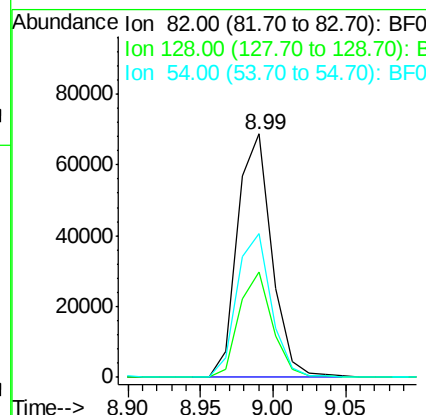
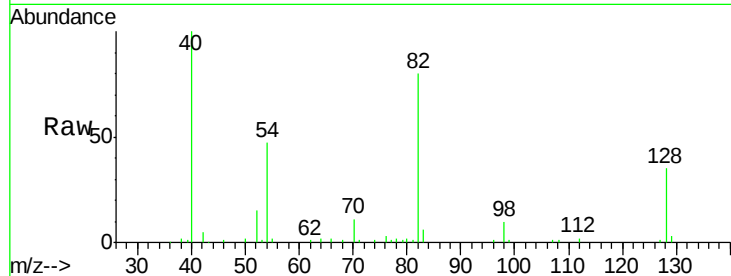




#23
 Nitrobenzene-d5
 Concen: 64.73 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

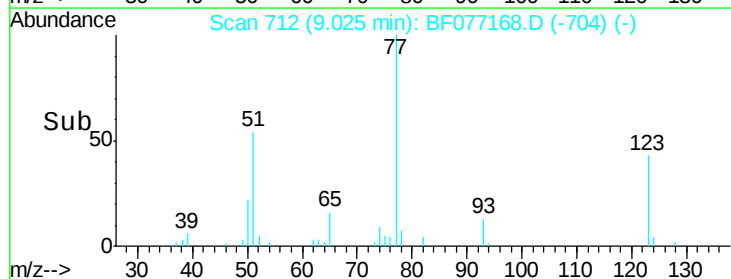
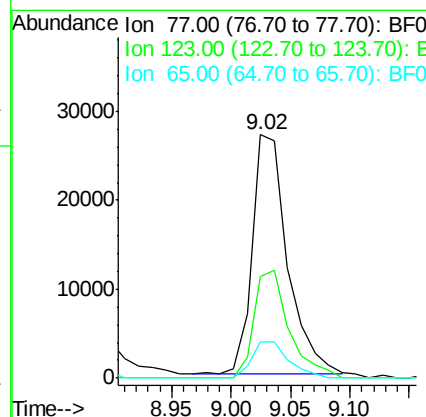
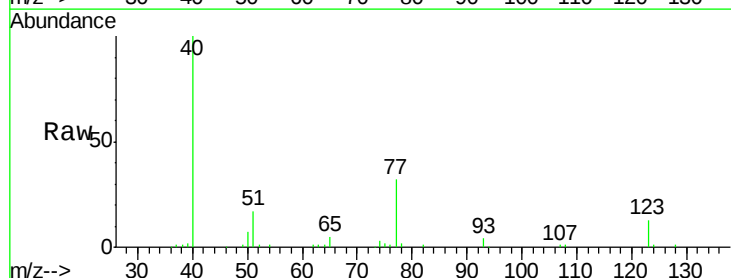
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

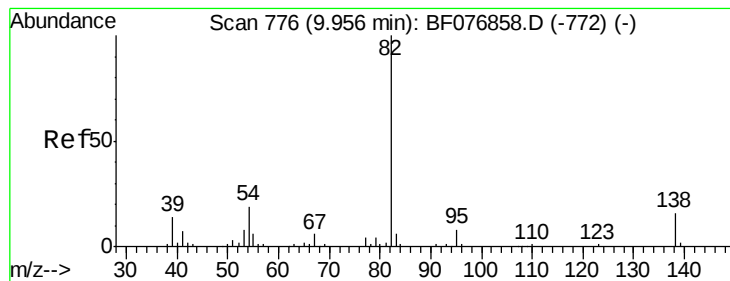
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.1	49.7
54	59.2	48.3	72.5



#24
 Nitrobenzene
 Concen: 31.30 ng
 RT: 9.02 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	35.2	52.8
65	15.0	11.4	17.2





#25

Isophorone

Concen: 30.43 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

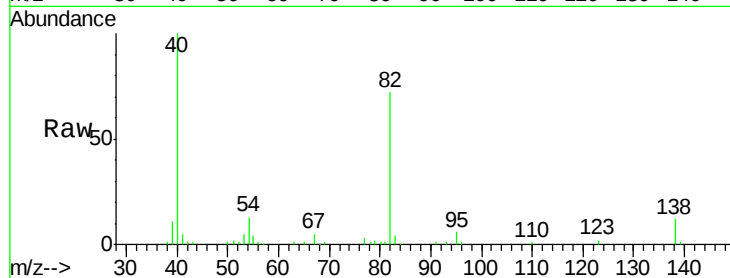
Tot Ion: 82 Resp: 96556

Ion Ratio Lower Upper

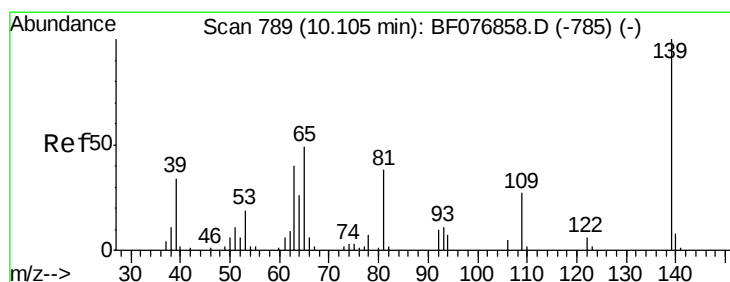
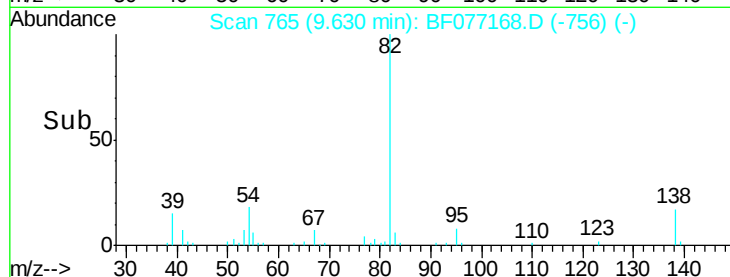
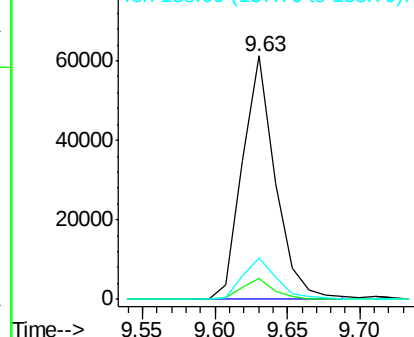
82 100

95 8.4 6.6 10.0

138 17.0 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.72 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

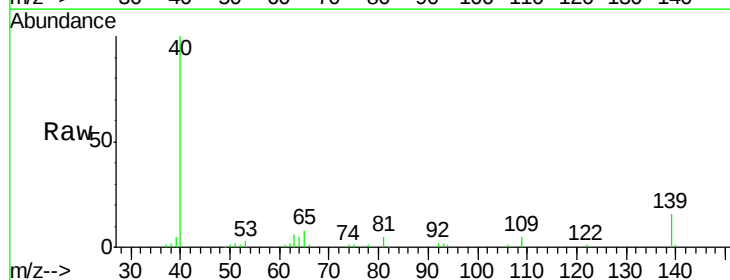
Tgt Ion: 139 Resp: 24492

Ion Ratio Lower Upper

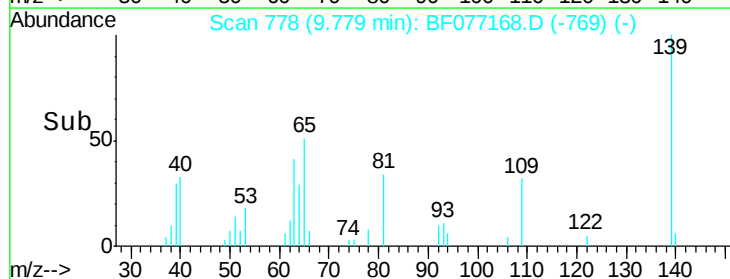
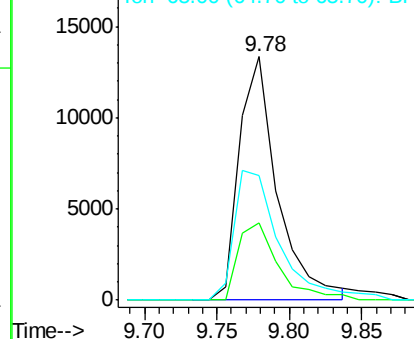
139 100

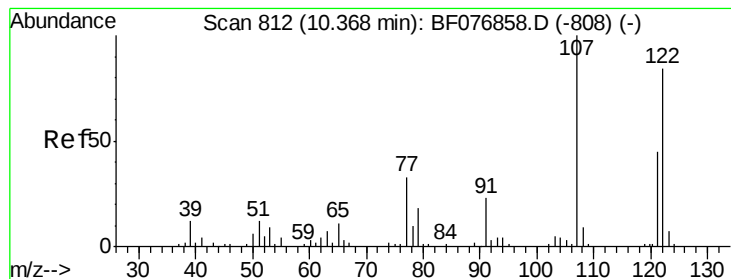
109 31.5 21.3 31.9

65 51.1 39.4 59.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.86 ng

RT: 10.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

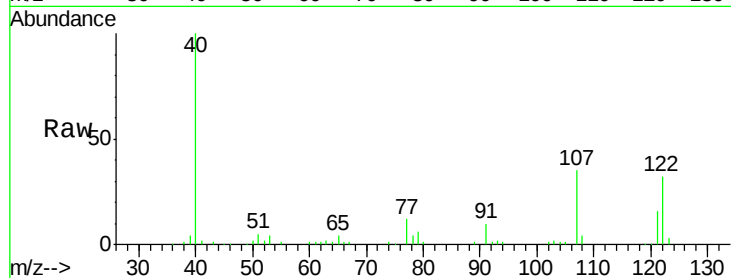
Tot Ion:122 Resp: 45109

Ion Ratio Lower Upper

122 100

107 111.1 95.2 142.8

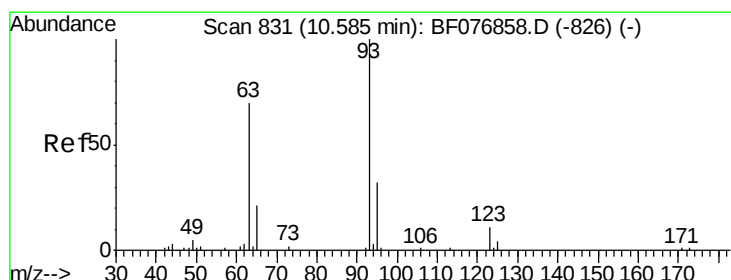
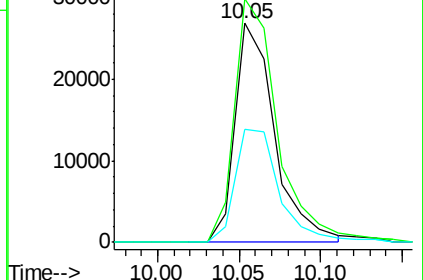
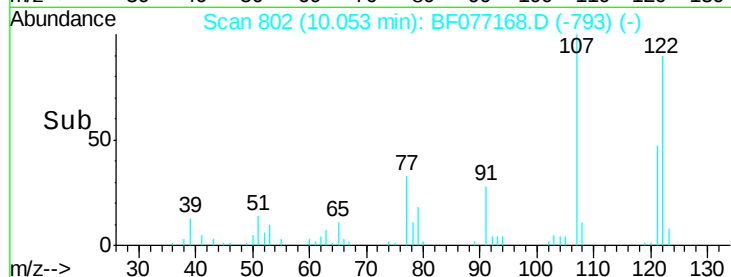
121 51.8 42.9 64.3



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: 32.99 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

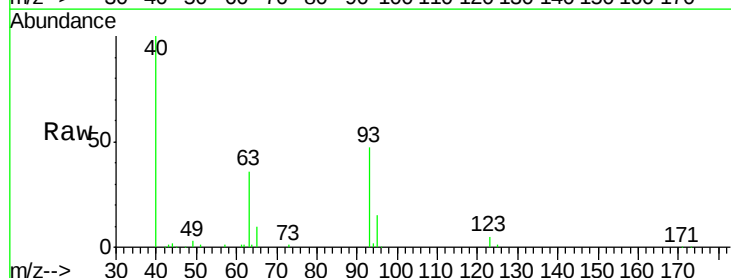
Tgt Ion: 93 Resp: 59495

Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

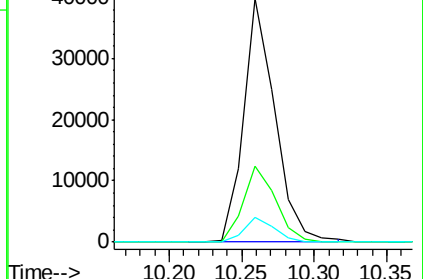
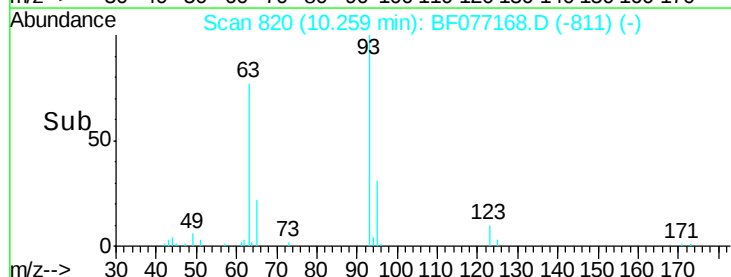
123 10.2 8.9 13.3

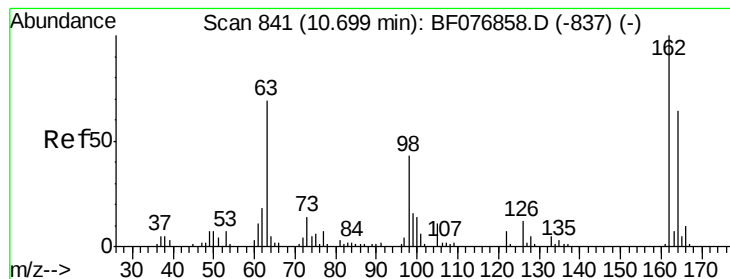


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 26.68 ng

RT: 10.38 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

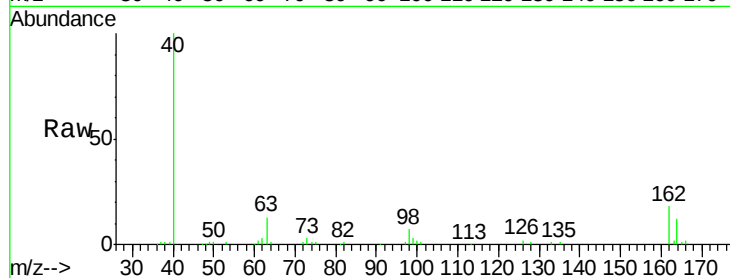
Tot Ion:162 Resp: 34135

Ion Ratio Lower Upper

162 100

164 63.1 43.8 83.8

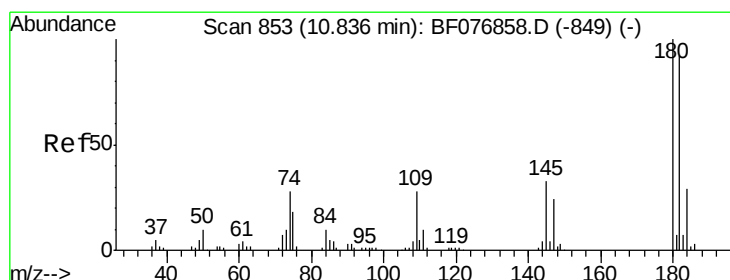
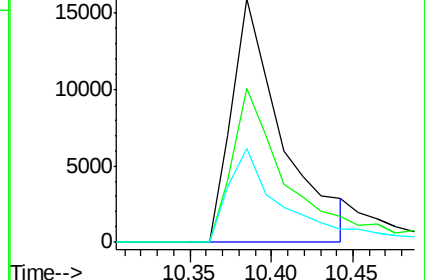
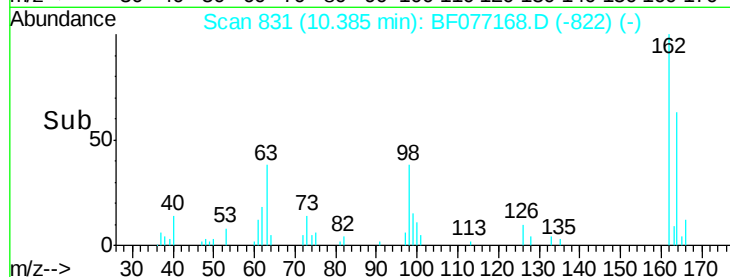
98 38.3 22.5 62.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 31.73 ng

RT: 10.50 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

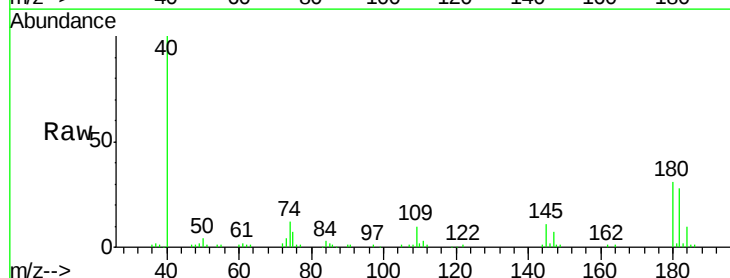
Tgt Ion:180 Resp: 45094

Ion Ratio Lower Upper

180 100

182 91.4 73.6 110.4

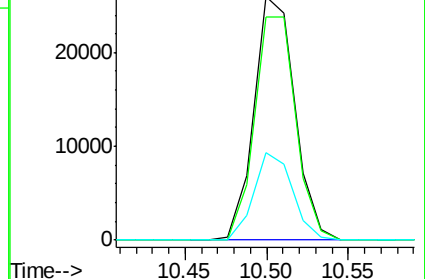
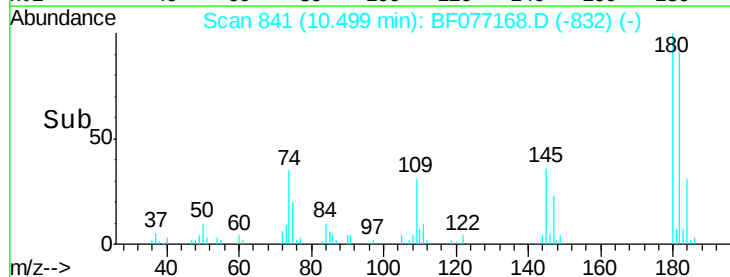
145 36.1 26.6 39.8

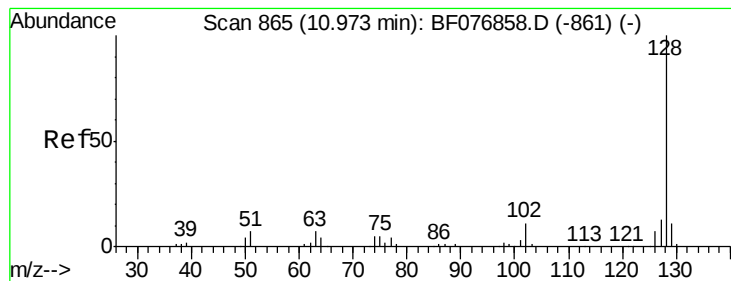


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.17 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

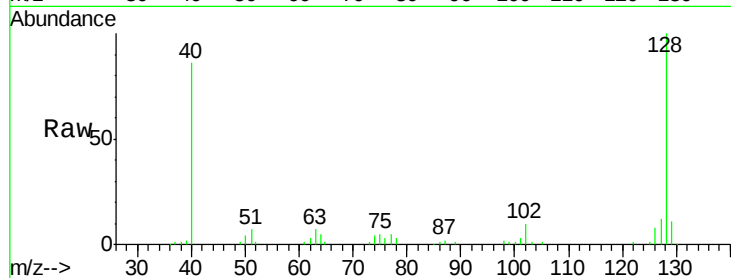
Tot Ion:128 Resp: 154940

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

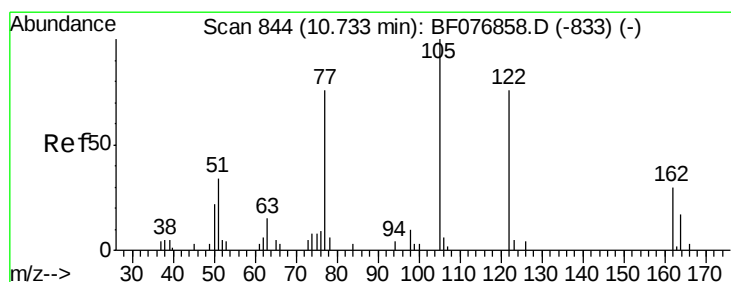
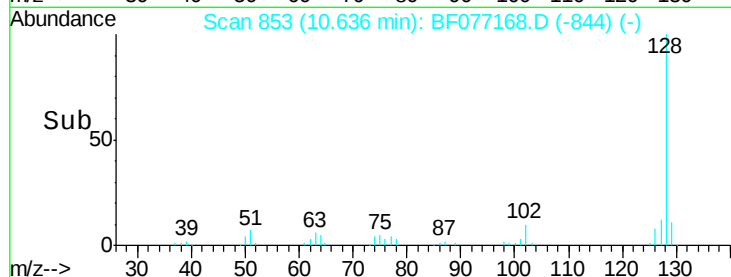
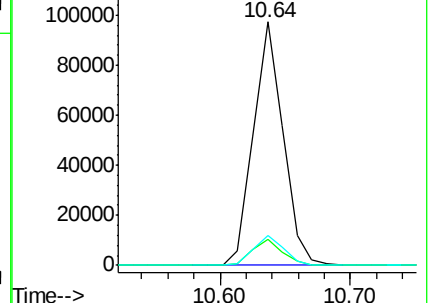
127 12.2 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.23 ng

RT: 10.44 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

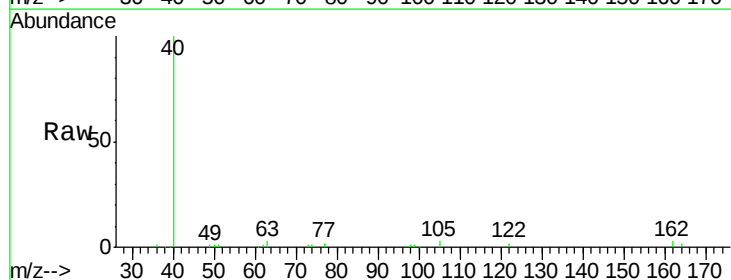
Tgt Ion:122 Resp: 3977

Ion Ratio Lower Upper

122 100

105 138.6 111.3 151.3

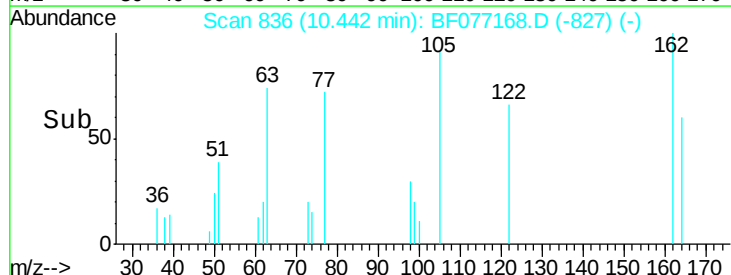
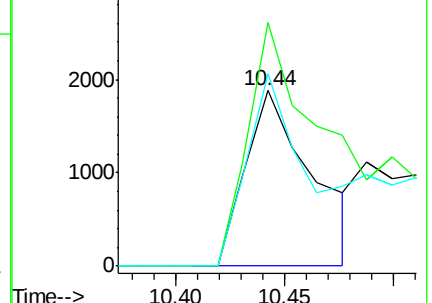
77 109.8 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

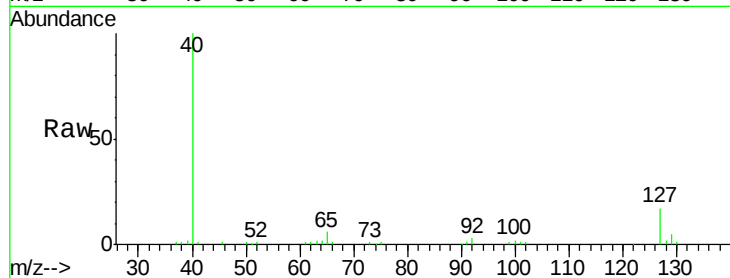




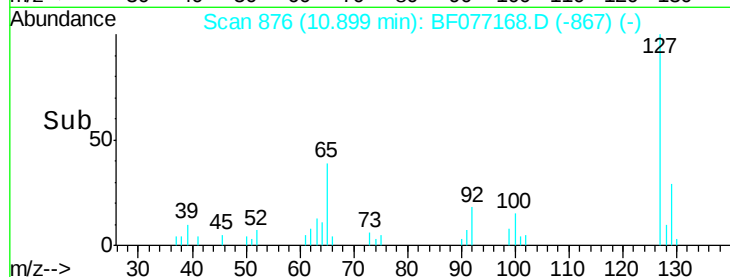
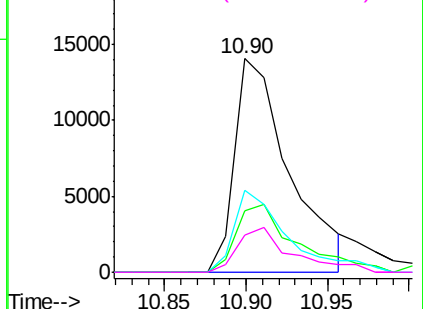
#33
4-Chloroaniline
Concen: 16.28 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB81584BS

Tot Ion:127	Resp:	32694	
Ion Ratio	Lower	Upper	
127 100			
129 28.9	25.3	37.9	
65 38.6	27.8	41.6	
92 17.6	16.5	24.7	

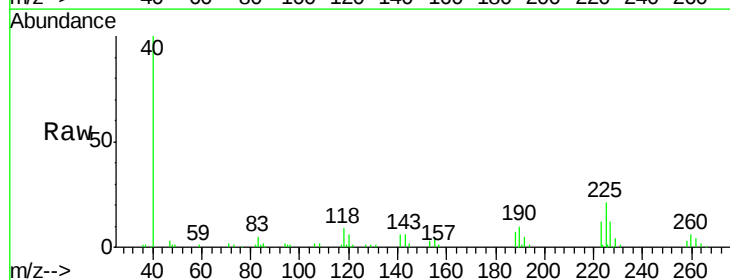


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

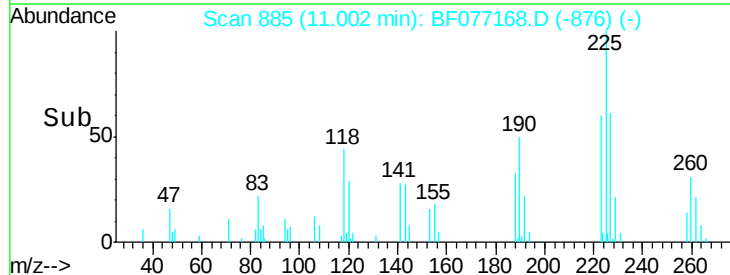
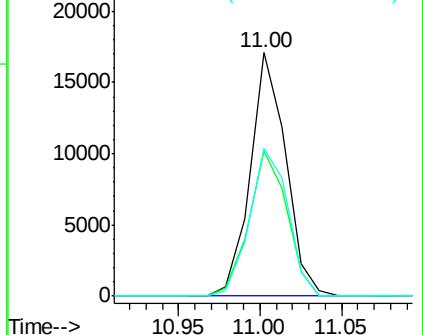


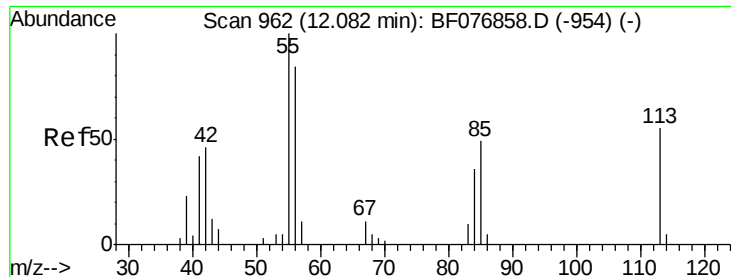
#34
Hexachlorobutadiene
Concen: 30.66 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt	Ion:225	Resp:	25849
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.1	73.7
227	60.7	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: 26.60 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

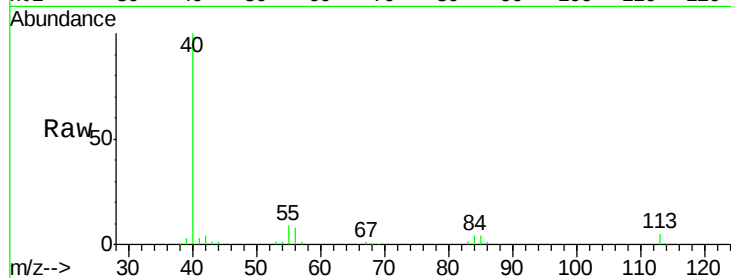
Tot Ion:113 Resp: 10019

Ion Ratio Lower Upper

113 100

55 209.7 162.1 202.1#

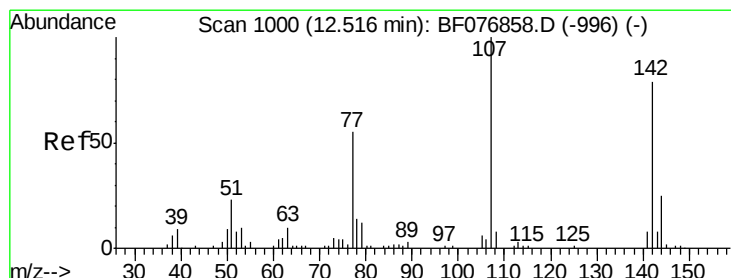
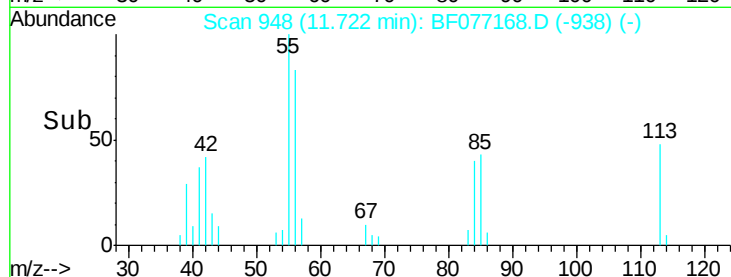
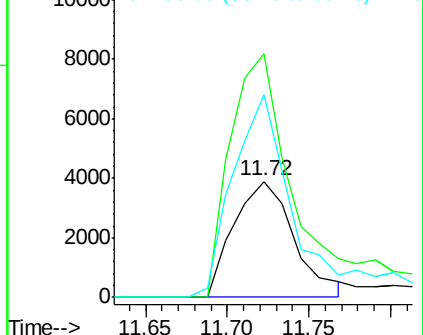
56 174.6 133.7 173.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 28.79 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

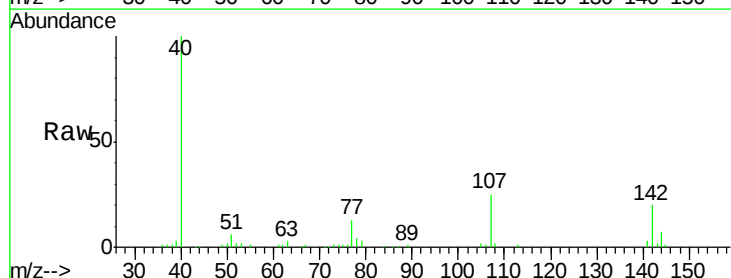
Tgt Ion:107 Resp: 42176

Ion Ratio Lower Upper

107 100

144 25.7 20.0 30.0

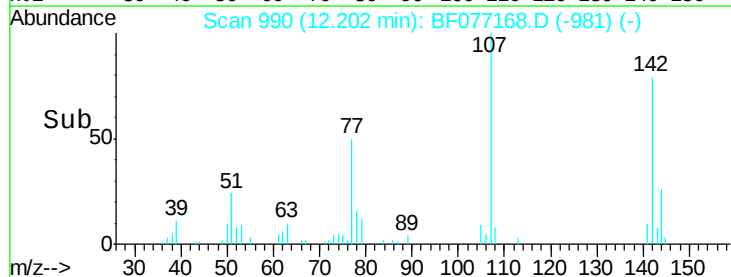
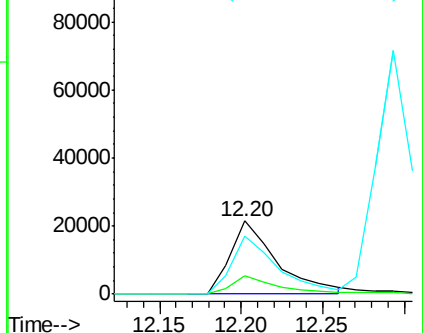
142 78.8 63.5 95.3

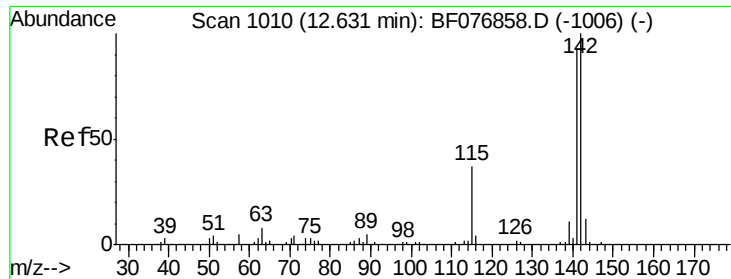


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

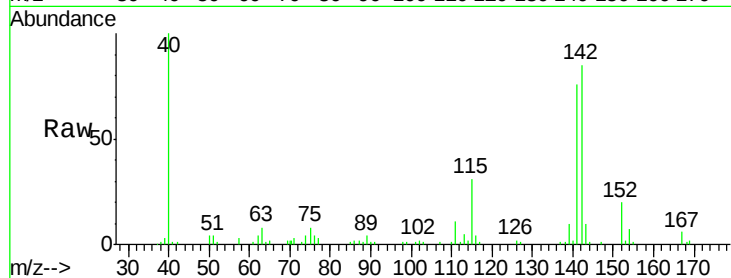




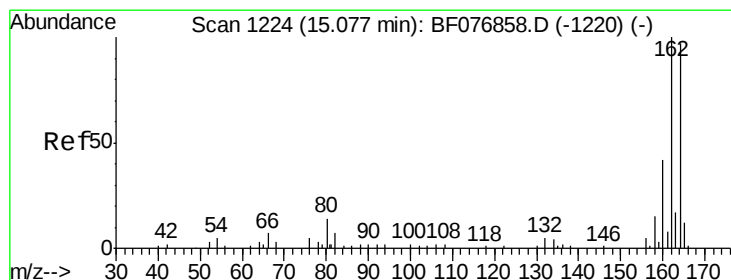
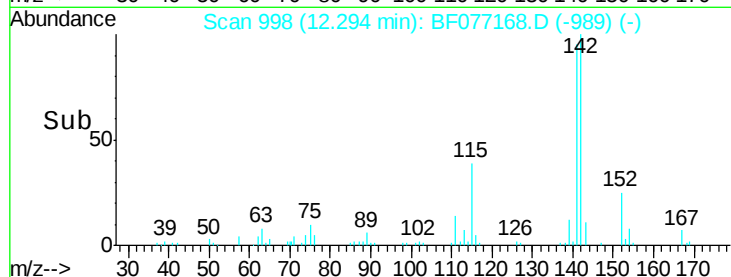
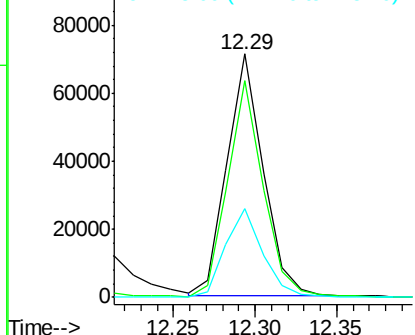
#37
2-Methylnaphthalene
Concen: 32.14 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB81584BS

Tot Ion:142 Resp: 109084
Ion Ratio Lower Upper
142 100
141 89.0 74.5 111.7
115 36.2 29.7 44.5

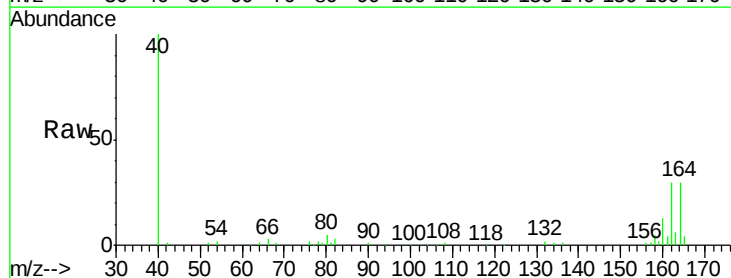


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

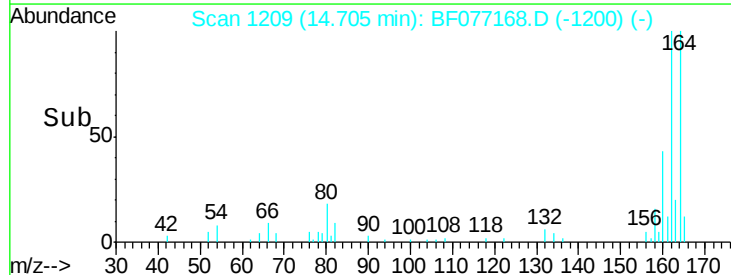
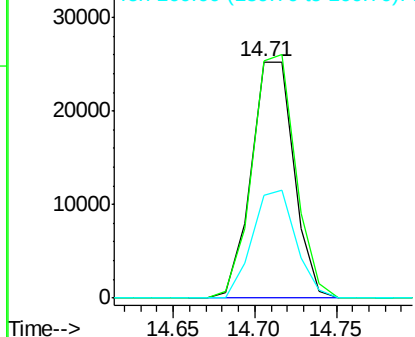


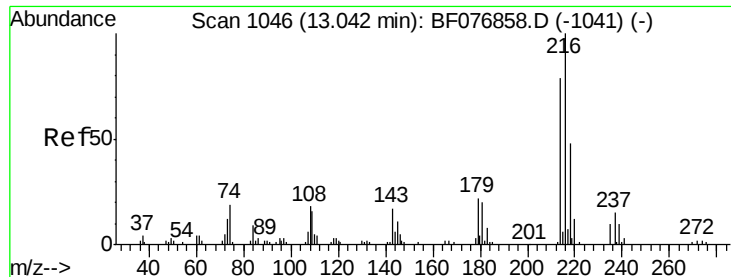
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:164 Resp: 46158
Ion Ratio Lower Upper
164 100
162 100.4 82.4 123.6
160 43.4 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.98 ng

RT: 12.69 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

Tot Ion:216 Resp: 43345

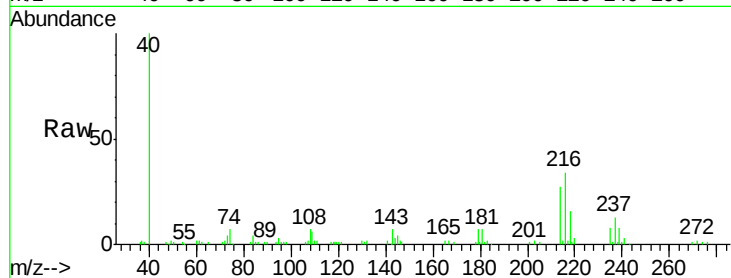
Ion Ratio Lower Upper

216 100

214 78.1 64.9 97.3

179 23.1 18.6 28.0

108 23.2 18.1 27.1

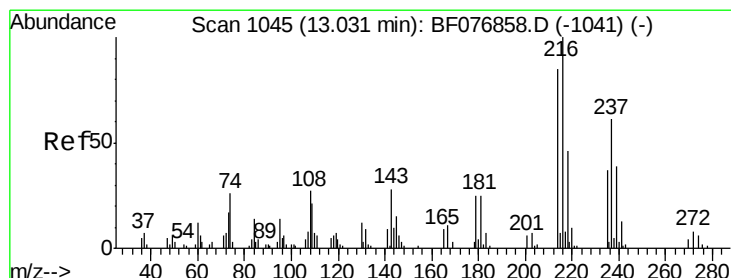
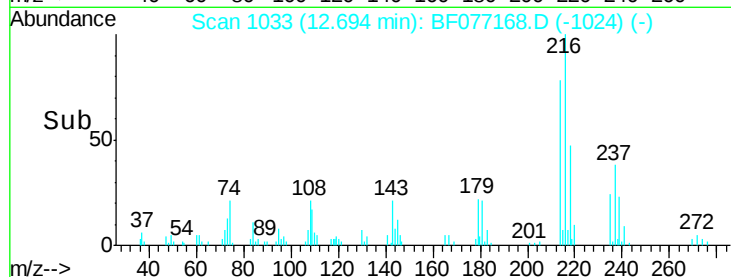
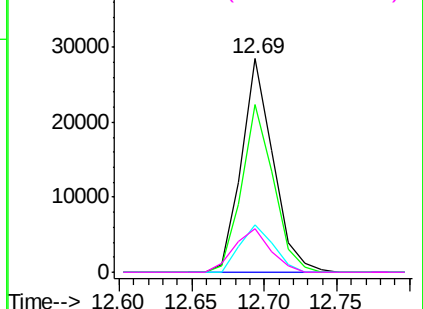


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.10 ng

RT: 12.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

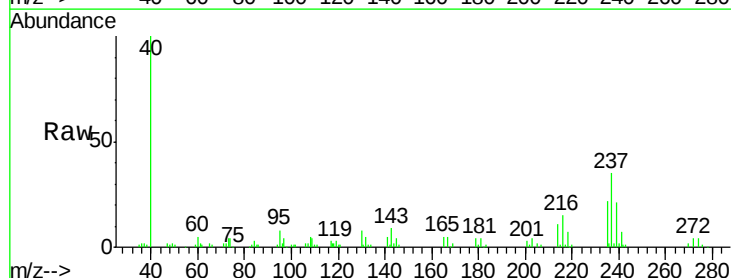
Tgt Ion:237 Resp: 42043

Ion Ratio Lower Upper

237 100

235 61.9 40.4 80.4

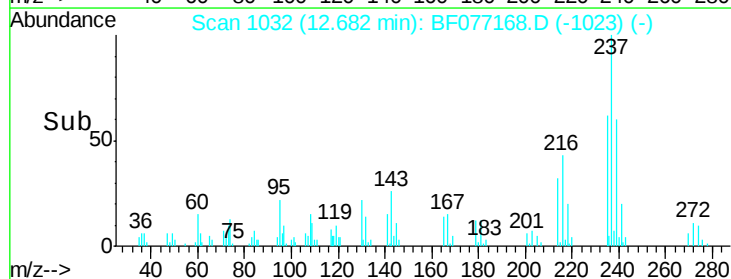
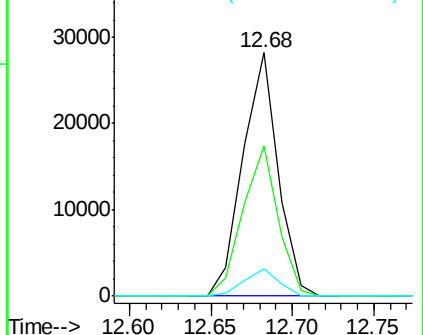
272 11.0 0.0 33.2



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

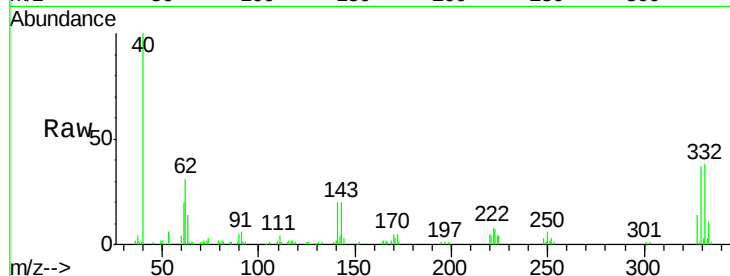




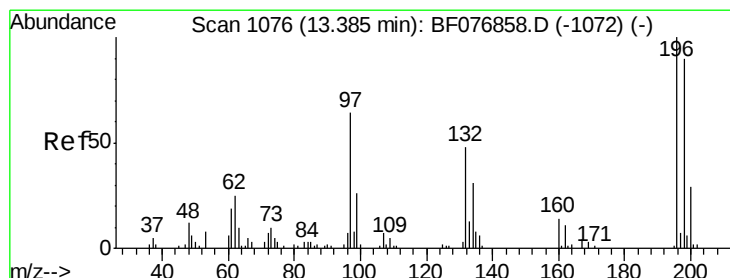
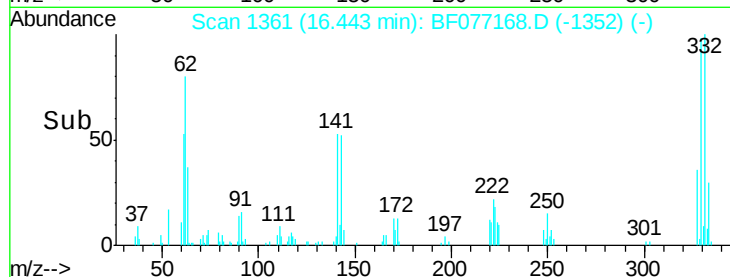
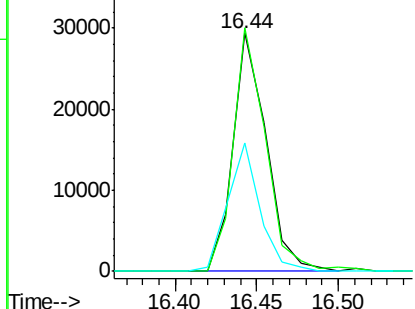
#41
 2,4,6-Tribromophenol
 Concen: 109.90 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion:330 Resp: 41177
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.8 116.6
 141 52.2 38.5 57.7

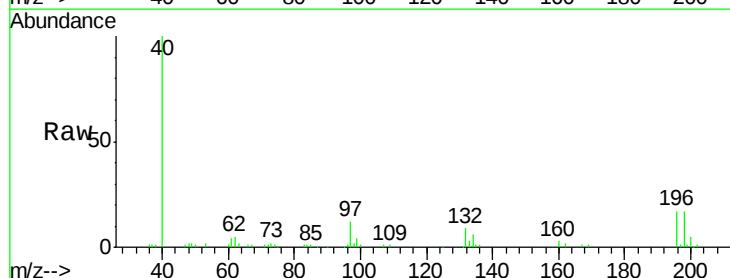


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

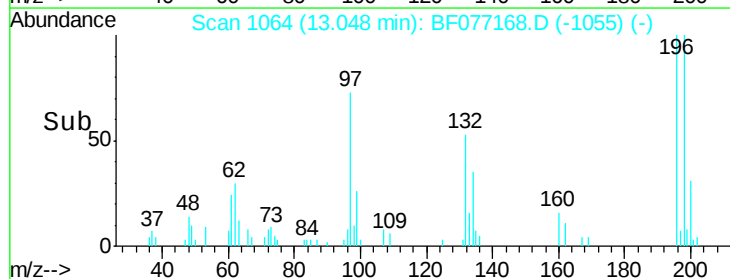
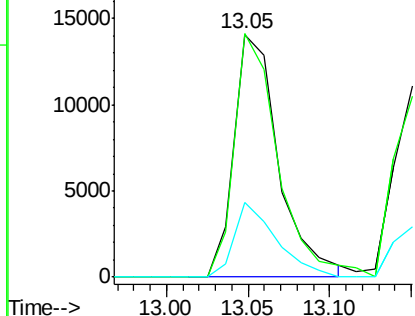


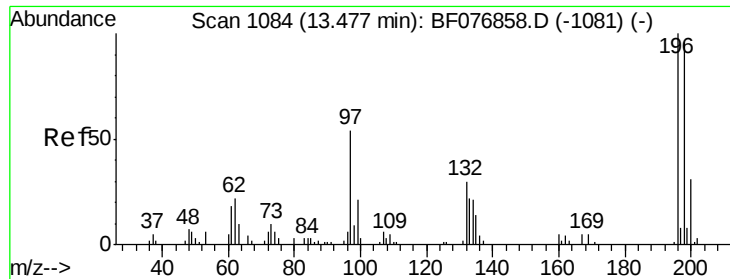
#42
 2,4,6-Trichlorophenol
 Concen: 32.06 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:196 Resp: 26659
 Ion Ratio Lower Upper
 196 100
 198 100.4 72.0 108.0
 200 30.7 23.4 35.2



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

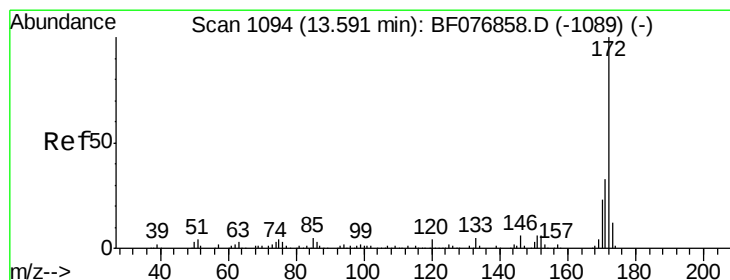
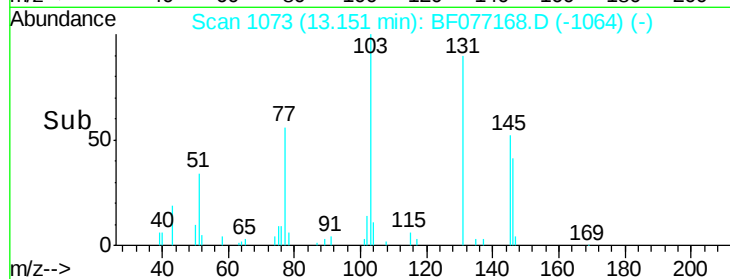
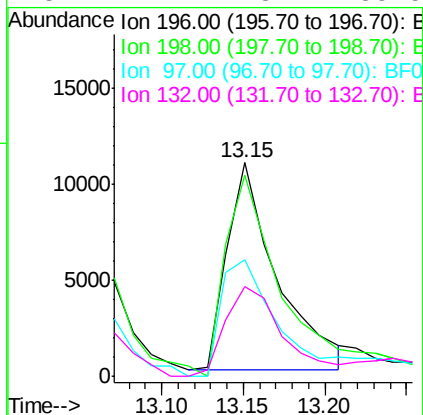
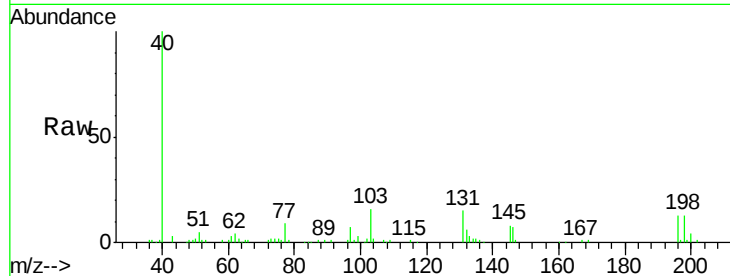




#43
 2,4,5-Trichlorophenol
 Concen: 27.12 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

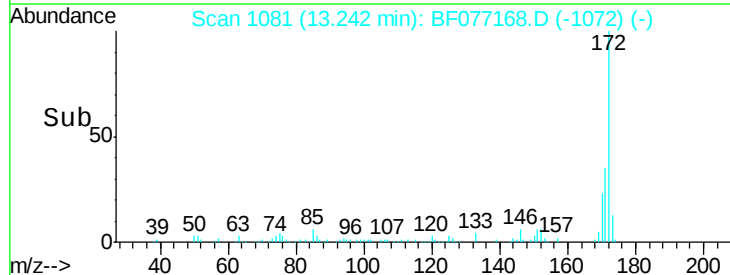
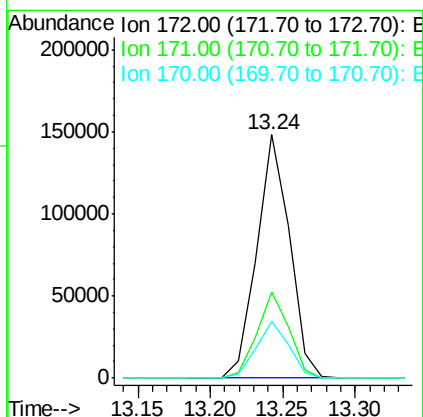
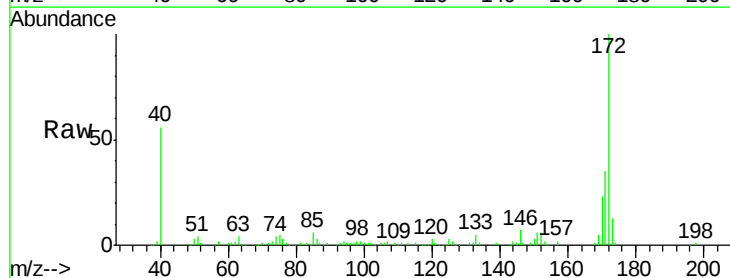
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

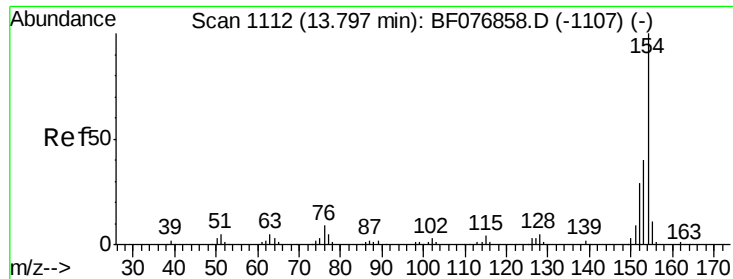
Tot Ion:196 Resp: 22999
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 115.0
 97 54.4 43.4 65.0
 132 42.1 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 76.40 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:172 Resp: 231724
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 23.1 18.0 27.0

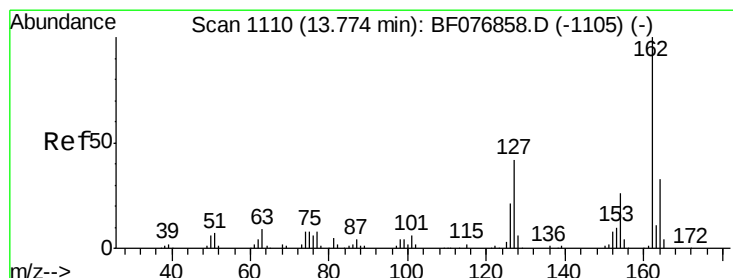
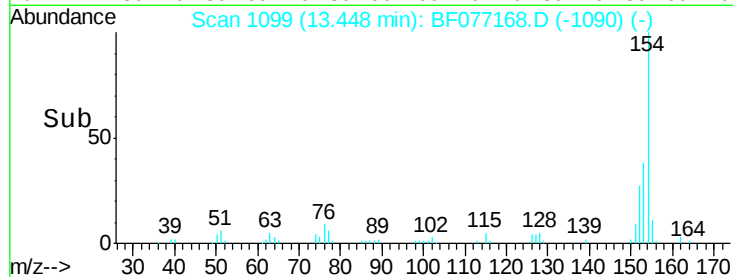
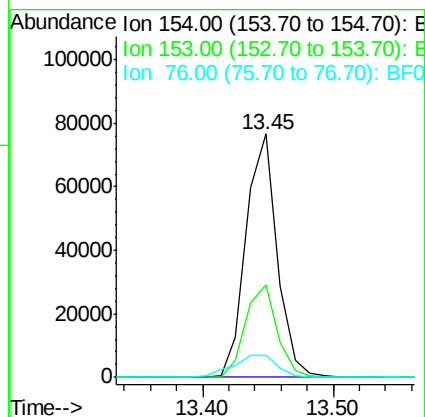
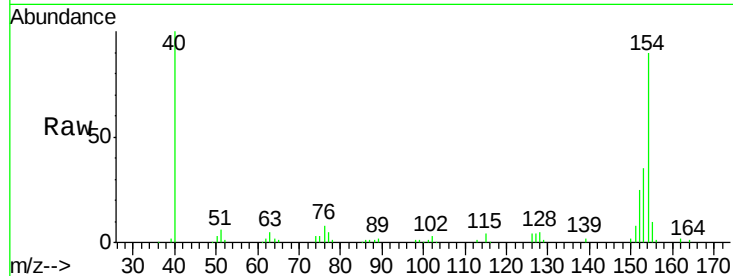




#45
 1,1'-Biphenyl
 Concen: 37.26 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

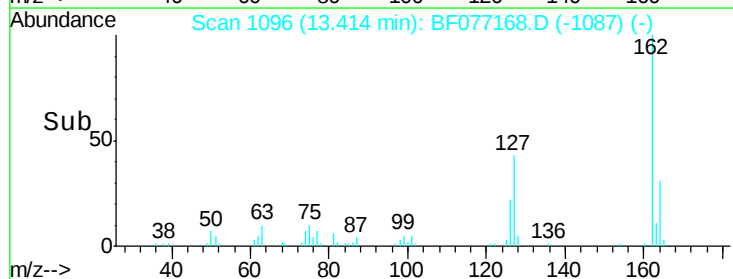
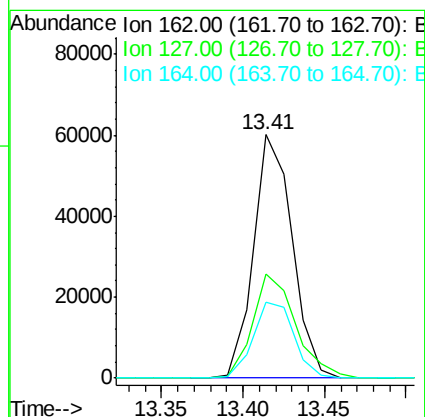
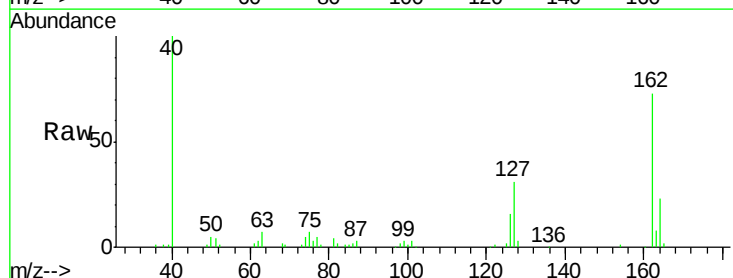
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

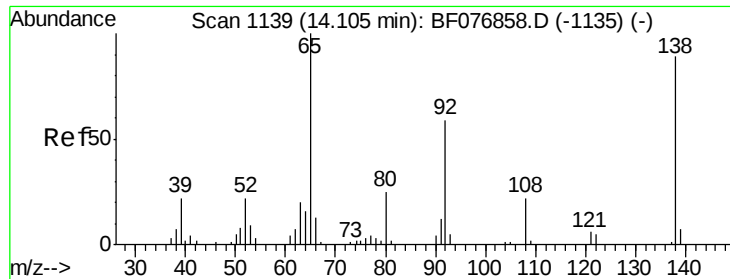
Tot Ion:154 Resp: 127498
 Ion Ratio Lower Upper
 154 100
 153 38.2 20.2 60.2
 76 9.0 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 35.20 ng
 RT: 13.41 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:162 Resp: 99125
 Ion Ratio Lower Upper
 162 100
 127 42.8 33.8 50.6
 164 31.3 26.8 40.2





#47

2-Nitroaniline

Concen: 34.57 ng

RT: 13.77 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

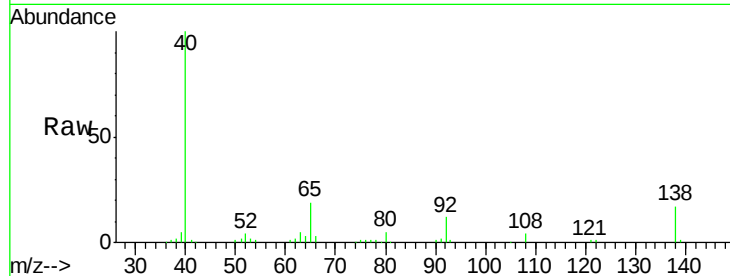
Tot Ion: 65 Resp: 29534

Ion Ratio Lower Upper

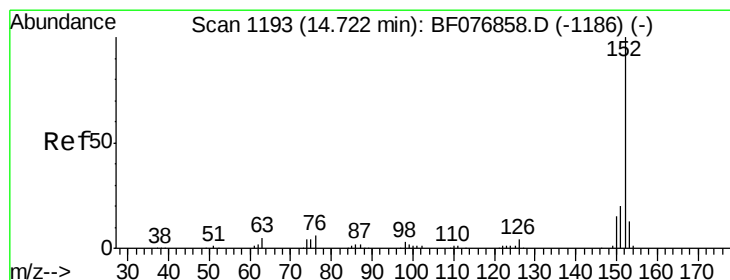
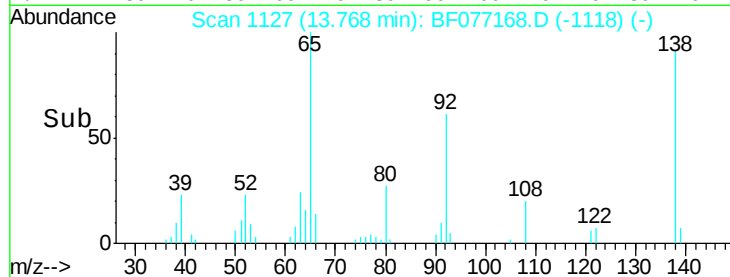
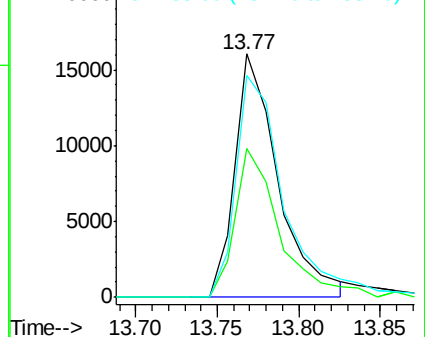
65 100

92 61.3 47.3 70.9

138 91.1 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): E



#48

Acenaphthylene

Concen: 34.27 ng

RT: 14.36 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

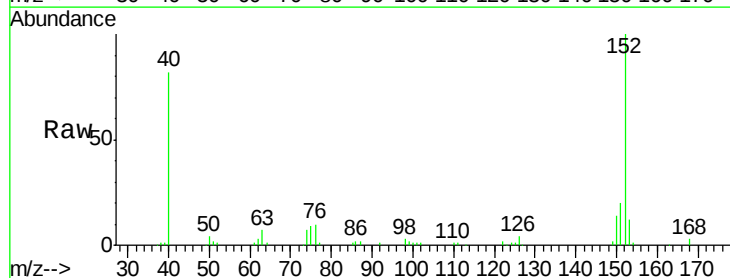
Tgt Ion: 152 Resp: 162761

Ion Ratio Lower Upper

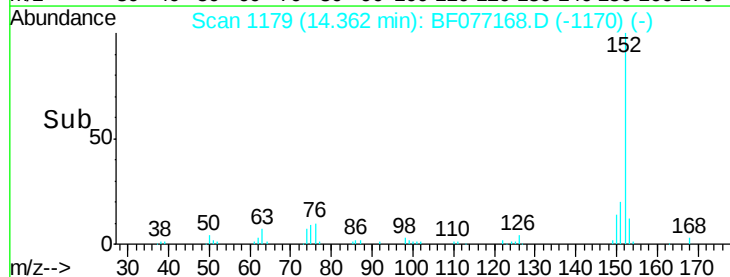
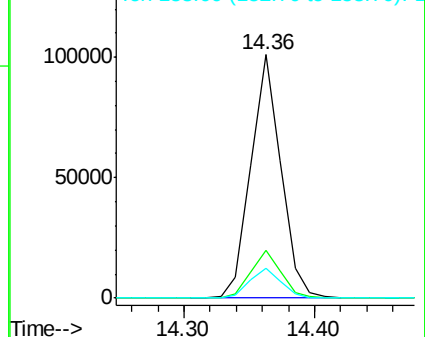
152 100

151 19.9 15.9 23.9

153 12.5 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: 36.67 ng

RT: 14.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

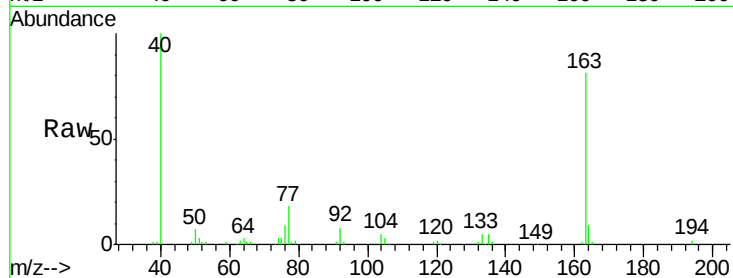
Tot Ion:163 Resp: 120020

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

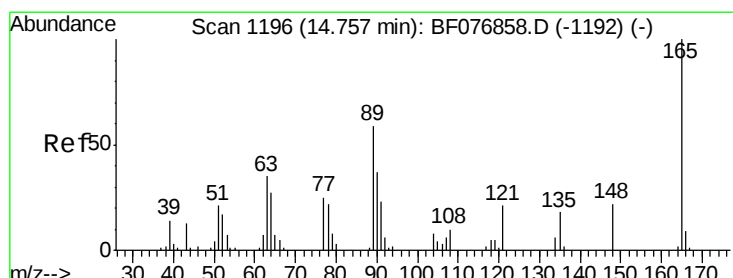
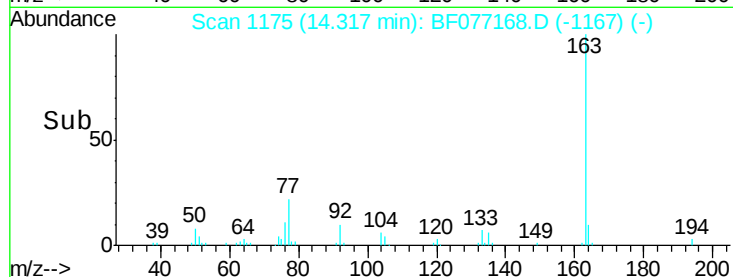
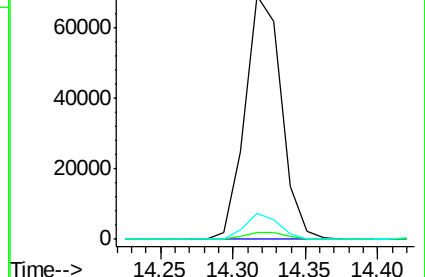
164 10.5 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.18 ng

RT: 14.42 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

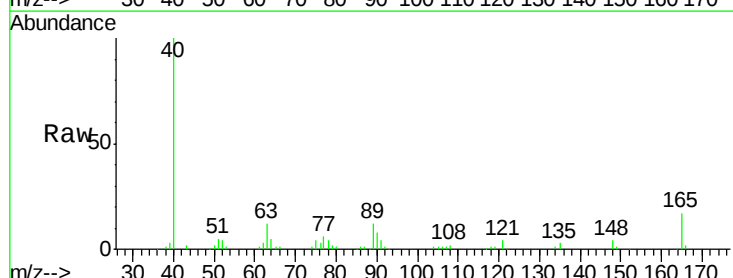
Tgt Ion:165 Resp: 24313

Ion Ratio Lower Upper

165 100

63 71.2 48.1 72.1

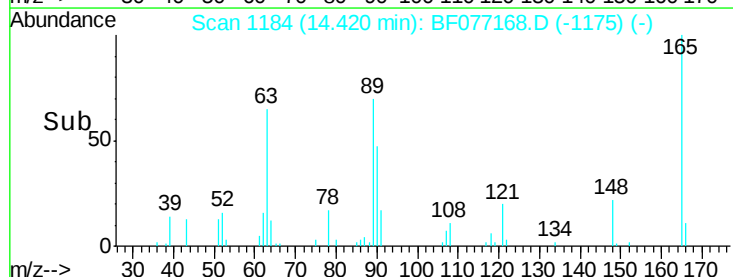
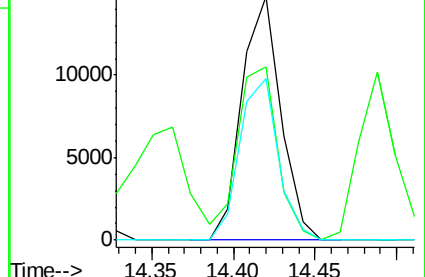
89 66.3 47.2 70.8

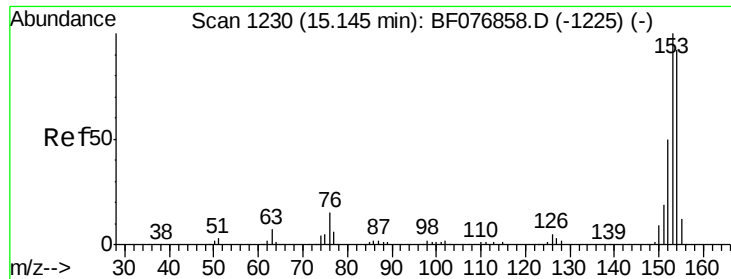


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.85 ng

RT: 14.79 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

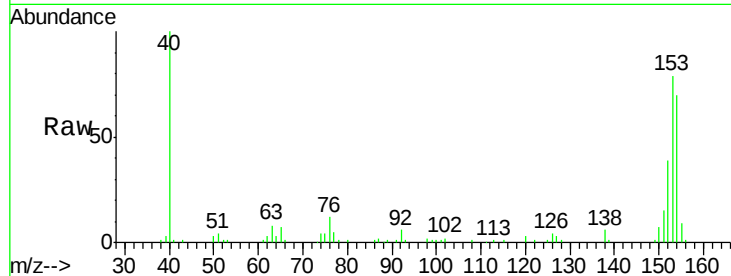
Tot Ion:154 Resp: 91221

Ion Ratio Lower Upper

154 100

153 113.2 87.0 130.6

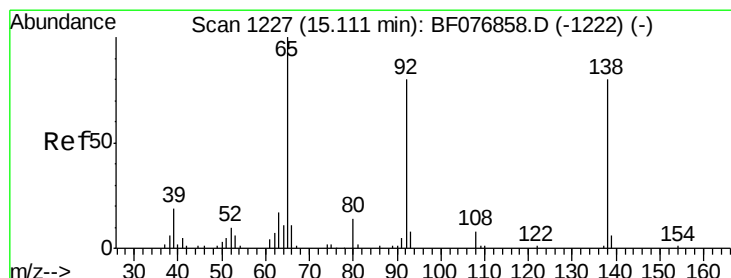
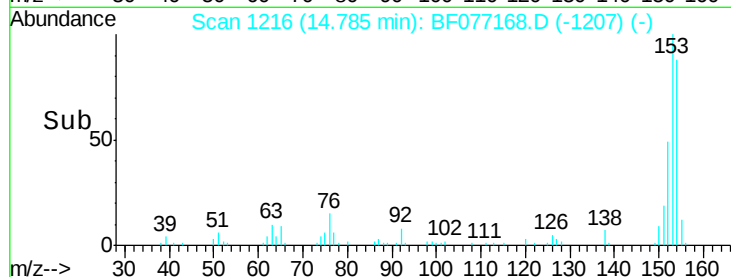
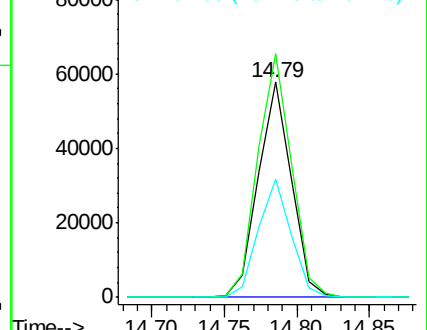
152 55.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.81 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

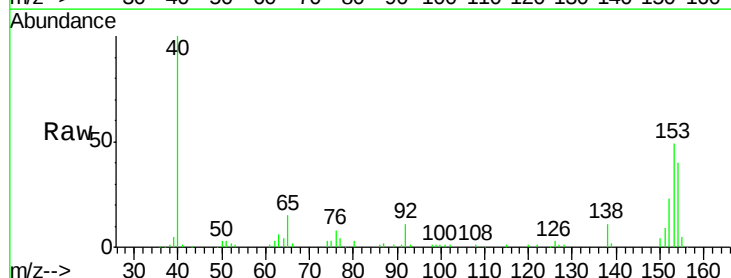
Tgt Ion:138 Resp: 19523

Ion Ratio Lower Upper

138 100

108 9.3 8.3 12.5

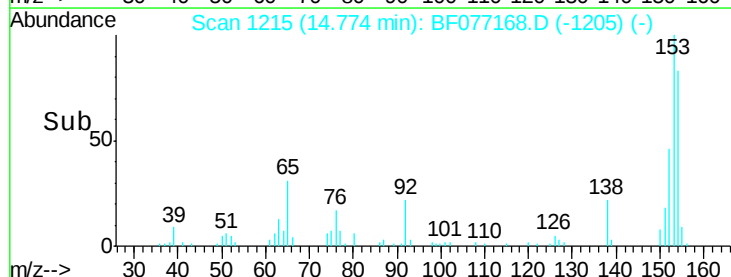
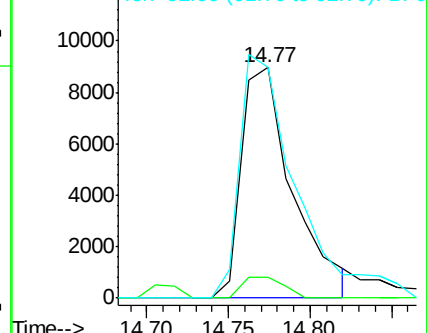
92 100.0 80.9 121.3

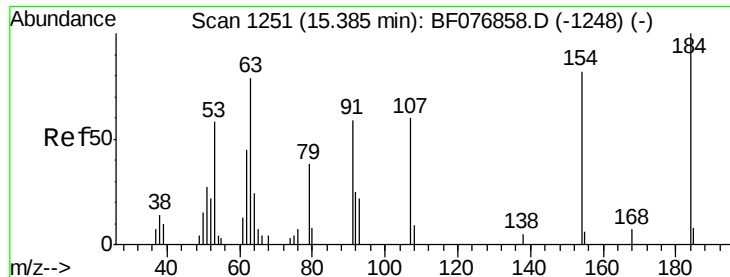


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

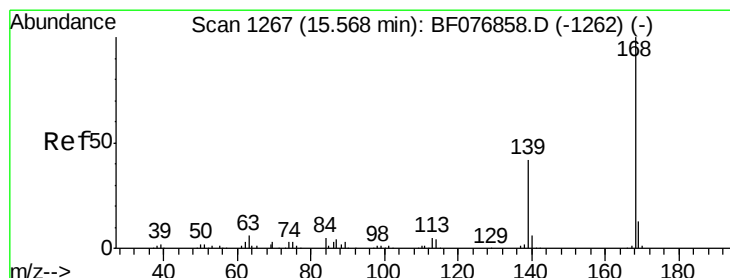
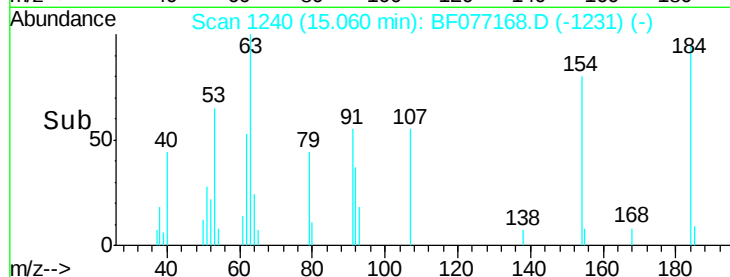
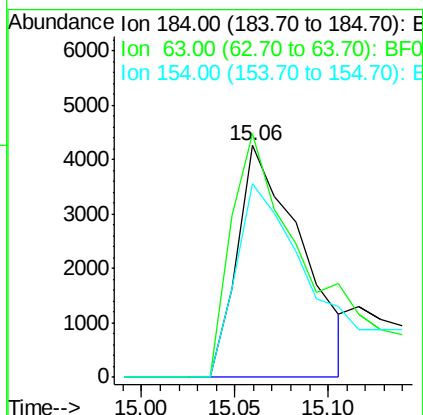
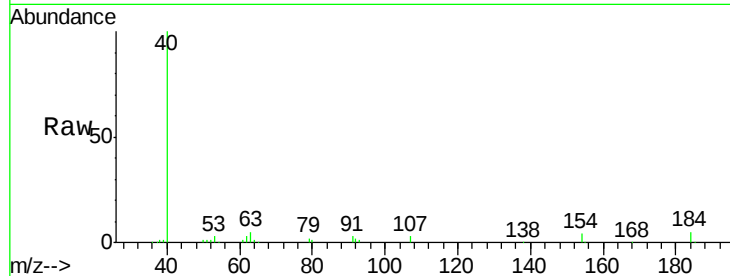




#53
 2,4-Dinitrophenol
 Concen: 40.21 ng
 RT: 15.06 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

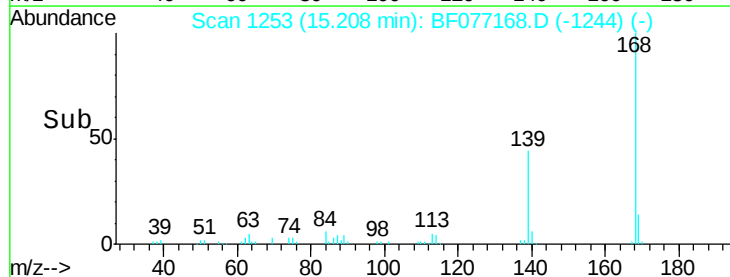
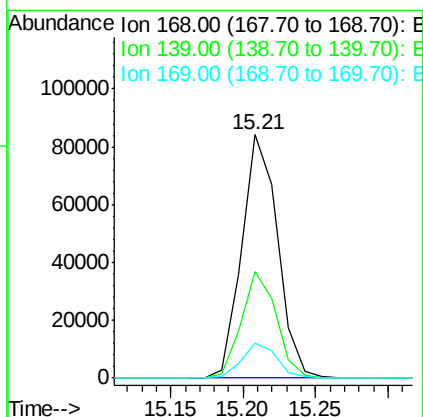
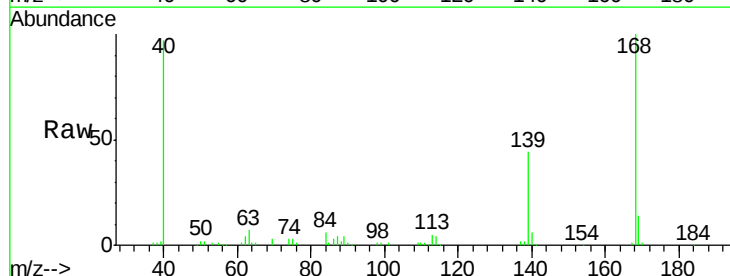
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

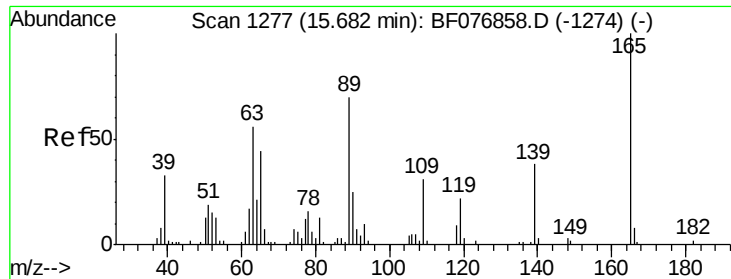
Tot Ion:184 Resp: 10238
 Ion Ratio Lower Upper
 184 100
 63 105.0 63.0 94.6#
 154 83.7 65.5 98.3



#54
 Dibenzofuran
 Concen: 36.76 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:168 Resp: 144308
 Ion Ratio Lower Upper
 168 100
 139 44.0 33.4 50.2
 169 14.4 10.6 15.8

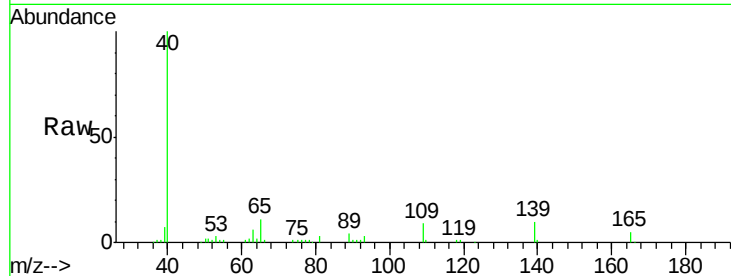




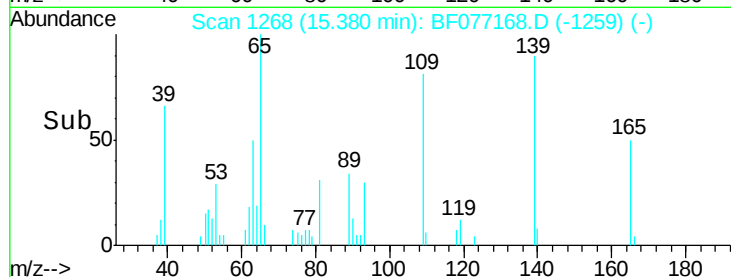
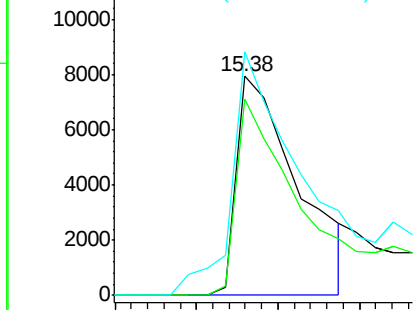
#55
4-Nitrophenol
Concen: 40.07 ng
RT: 15.38 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB81584BS

Tot Ion:139 Resp: 20560
Ion Ratio Lower Upper
139 100
109 89.8 61.0 101.0
65 111.2 96.6 136.6

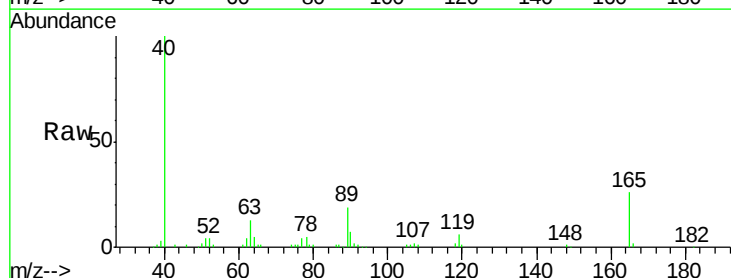


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

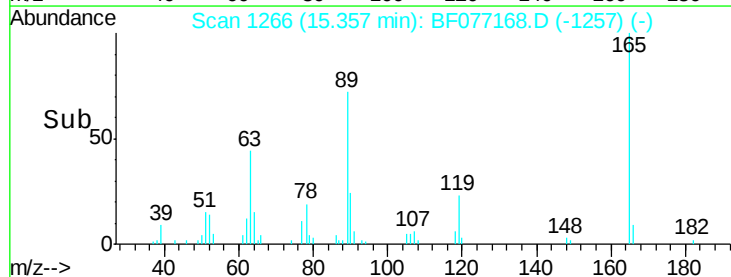
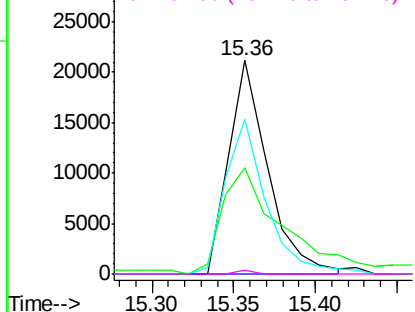


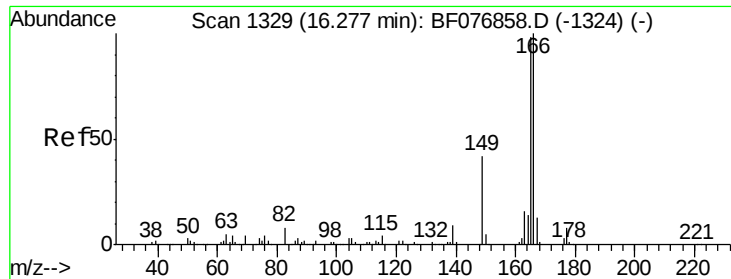
#56
2,4-Dinitrotoluene
Concen: 36.35 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:165 Resp: 35111
Ion Ratio Lower Upper
165 100
63 49.5 44.8 67.2
89 72.3 56.2 84.2
182 1.9 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.71 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

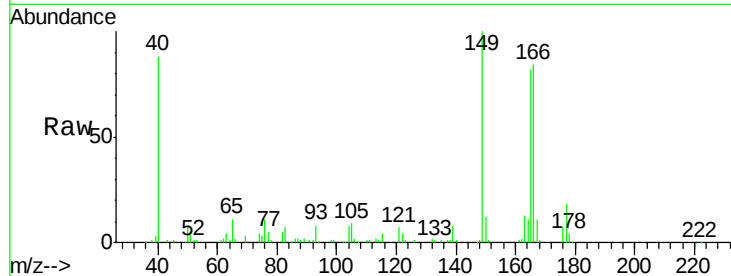
Tot Ion:166 Resp: 122098

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

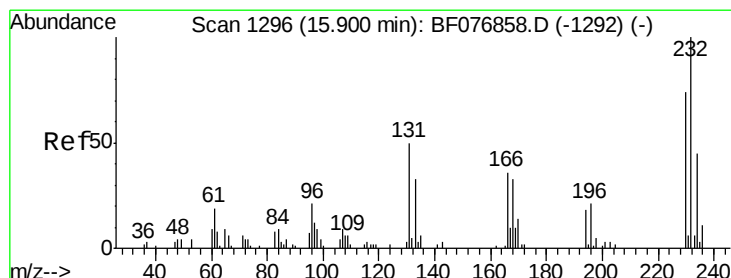
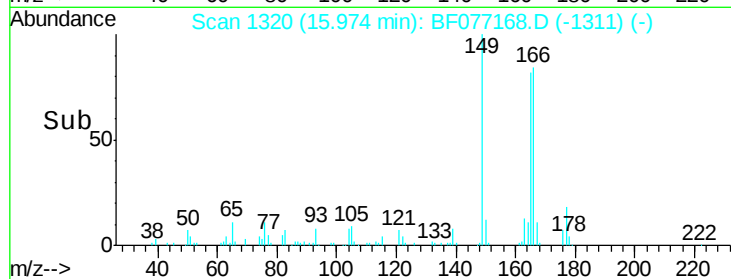
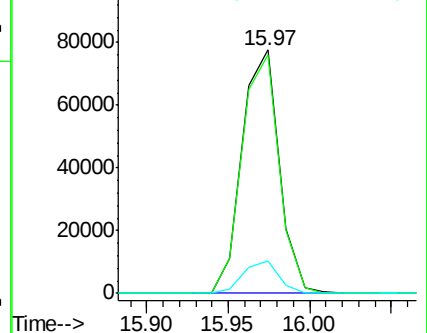
167 13.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.63 ng

RT: 15.57 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Tgt Ion:232 Resp: 17676

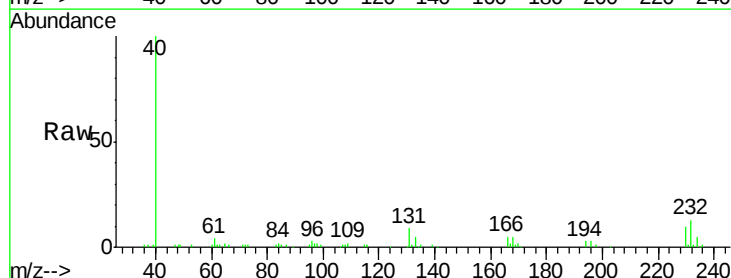
Ion Ratio Lower Upper

232 100

131 77.3 45.0 67.6#

130 1.6 2.6 3.8#

166 41.3 30.9 46.3

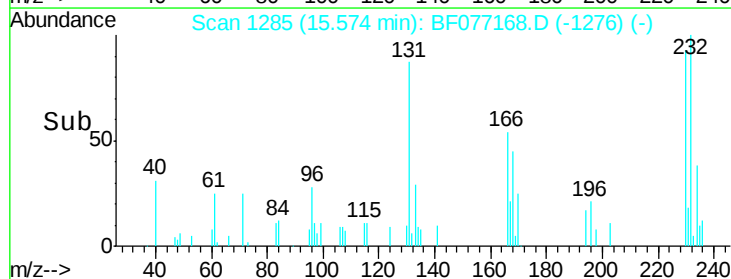
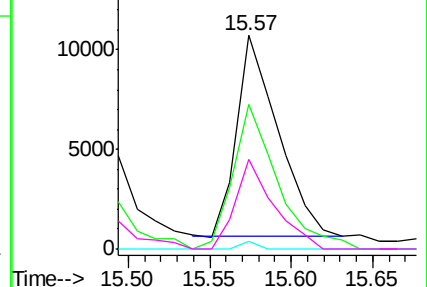


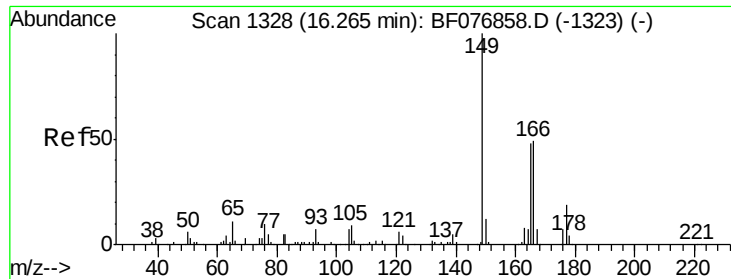
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

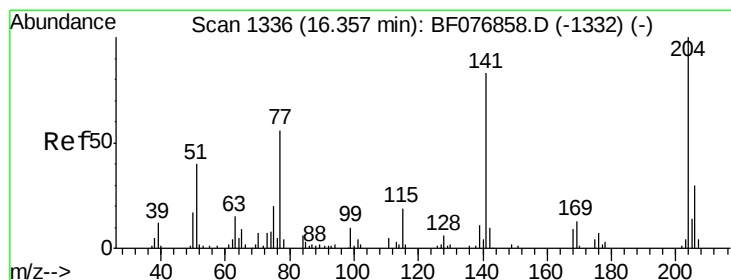
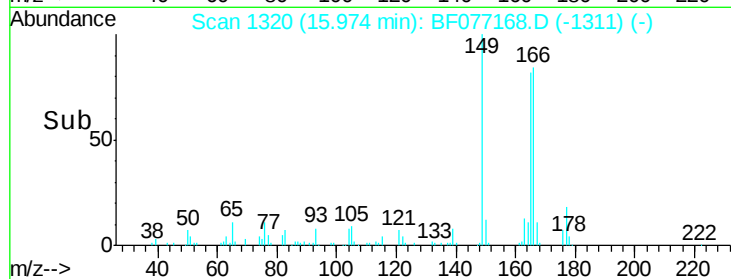
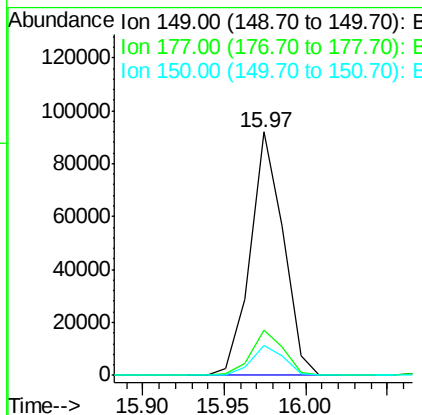
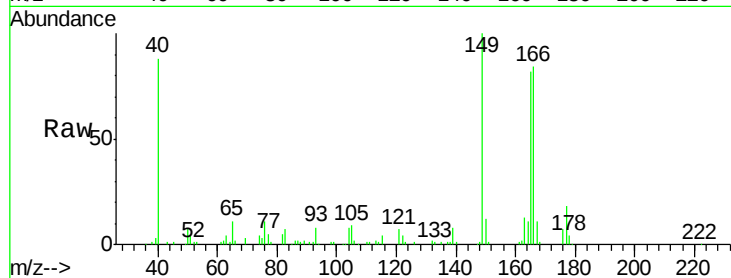




#59
Diethylphthalate
Concen: 38.82 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

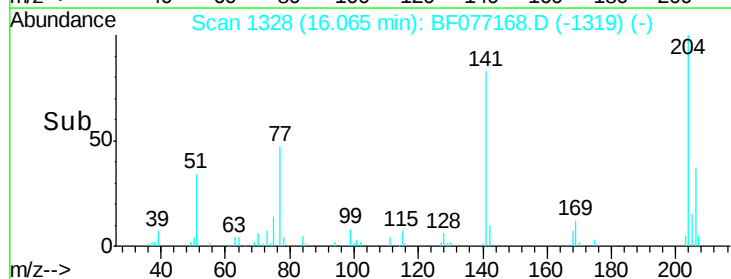
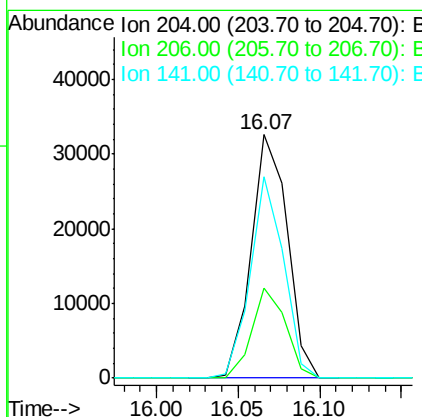
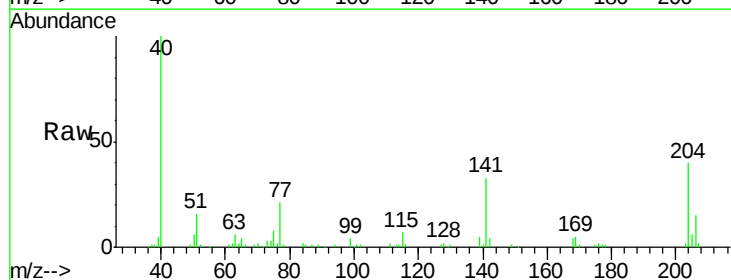
Instrument :
BNA_F
ClientSampleId :
PB81584BS

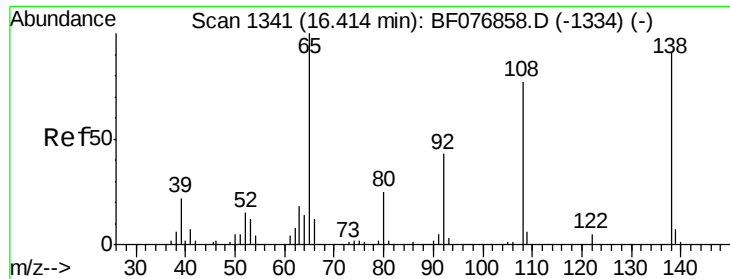
Tot Ion:149 Resp: 128435
Ion Ratio Lower Upper
149 100
177 18.4 15.0 22.6
150 12.2 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 36.76 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:204 Resp: 50025
Ion Ratio Lower Upper
204 100
206 37.0 24.2 36.2#
141 82.6 66.7 100.1

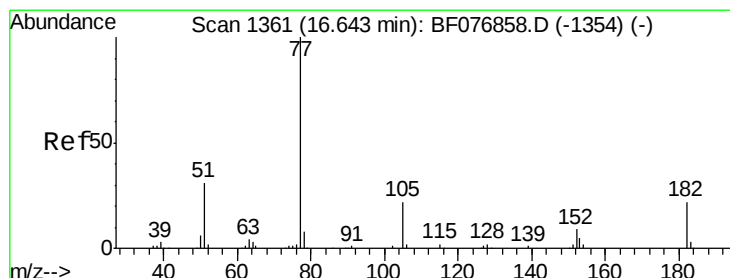
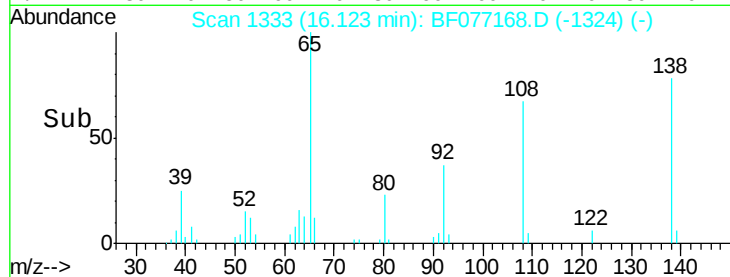
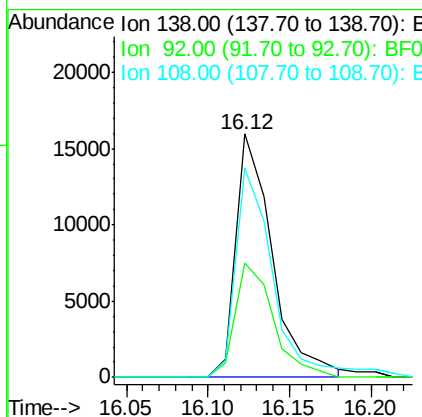
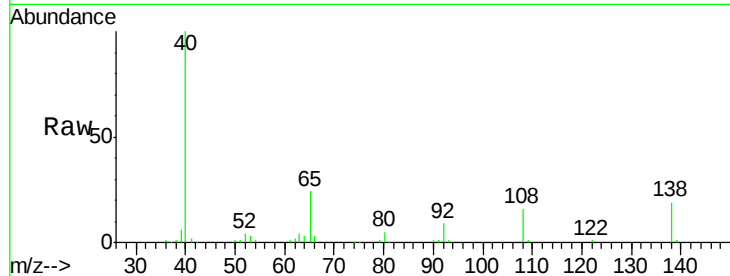




#61
 4-Nitroaniline
 Concen: 30.60 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

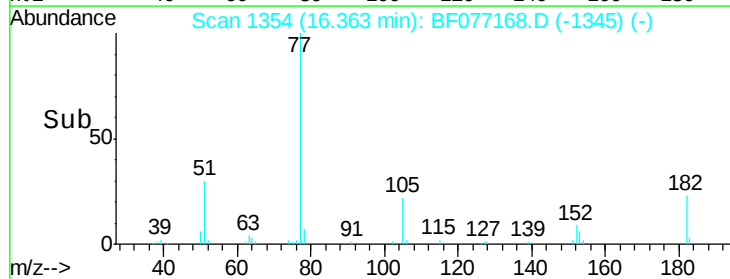
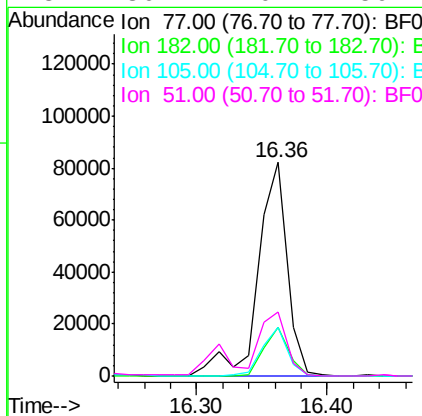
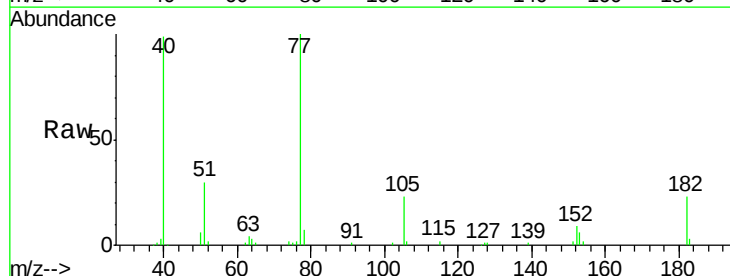
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion:138 Resp: 24790
 Ion Ratio Lower Upper
 138 100
 92 47.2 26.7 66.7
 108 86.0 64.5 104.5



#62
 Azobenzene
 Concen: 37.69 ng
 RT: 16.36 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion: 77 Resp: 129916
 Ion Ratio Lower Upper
 77 100
 182 23.1 2.0 42.0
 105 22.7 2.3 42.3
 51 30.2 10.7 50.7

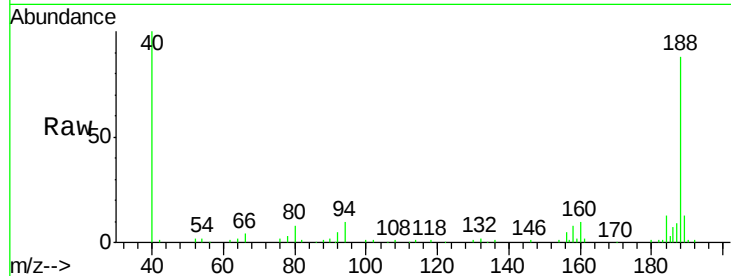




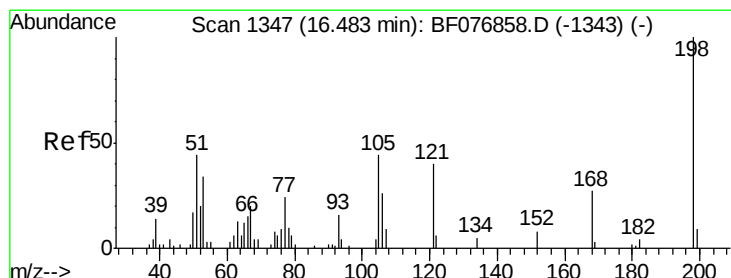
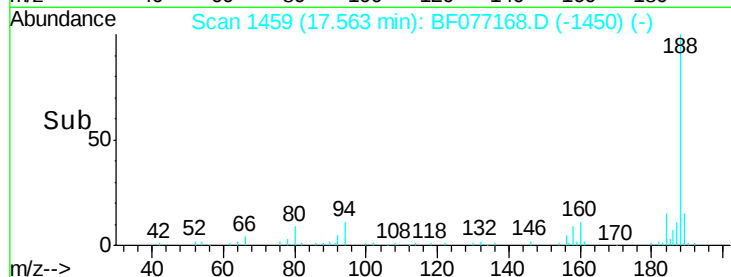
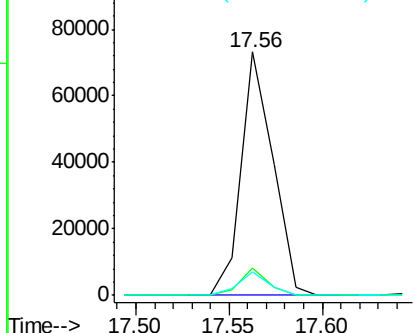
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion:188 Resp: 86786
 Ion Ratio Lower Upper
 188 100
 94 11.0 6.0 9.0#
 80 9.4 6.9 10.3

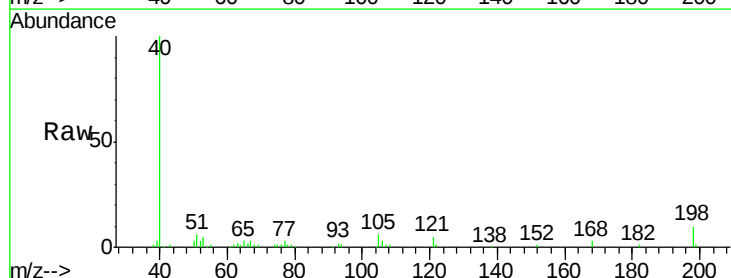


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

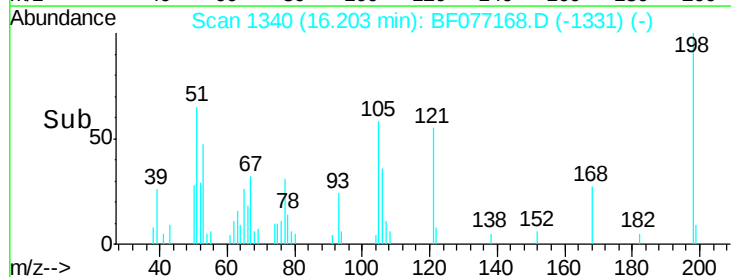
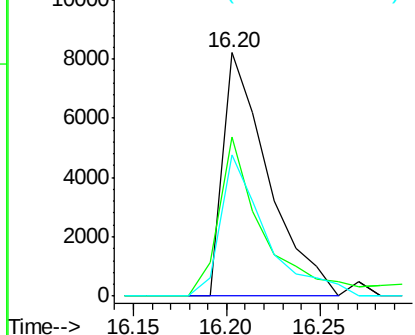


#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.46 ng
 RT: 16.20 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:198 Resp: 13867
 Ion Ratio Lower Upper
 198 100
 51 65.3 24.2 64.2#
 105 57.8 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

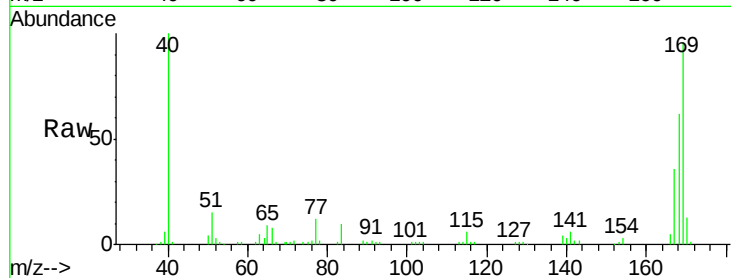




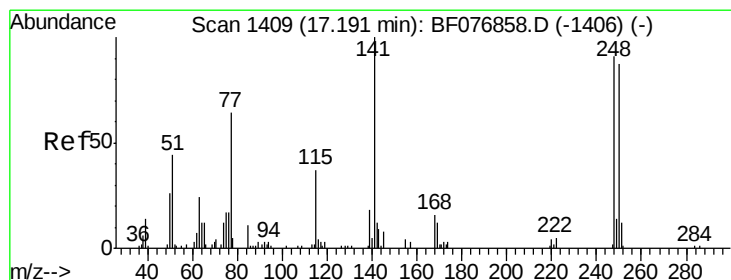
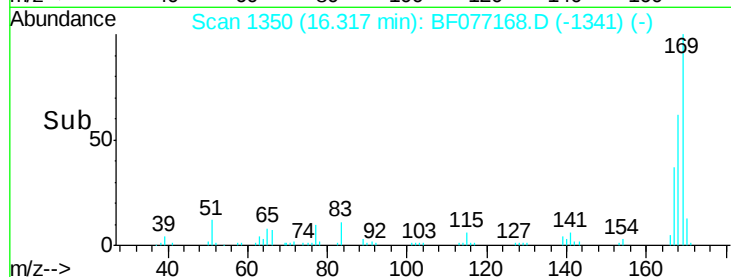
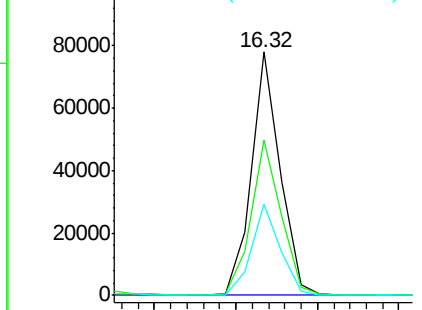
#65
 n-Nitrosodiphenylamine
 Concen: 30.82 ng
 RT: 16.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion:169 Resp: 95360
 Ion Ratio Lower Upper
 169 100
 168 64.0 53.8 80.6
 167 37.3 27.8 41.6

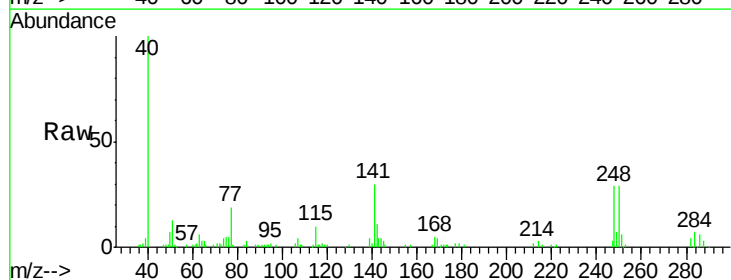


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

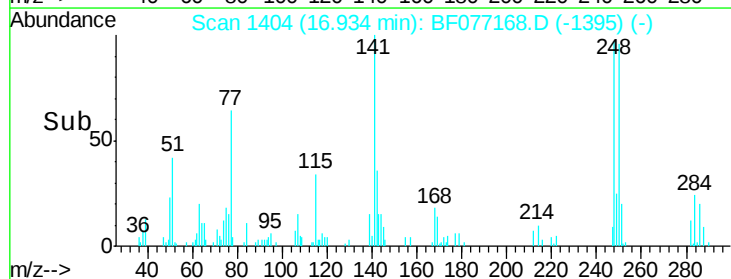
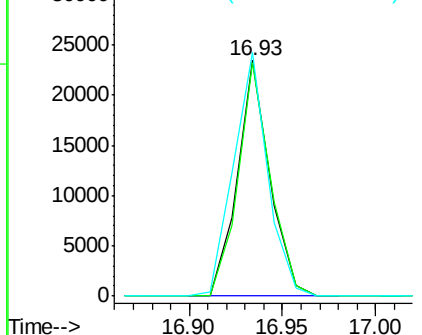


#66
 4-Bromophenyl-phenylether
 Concen: 32.18 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:248 Resp: 28290
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.1 115.7
 141 103.4 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

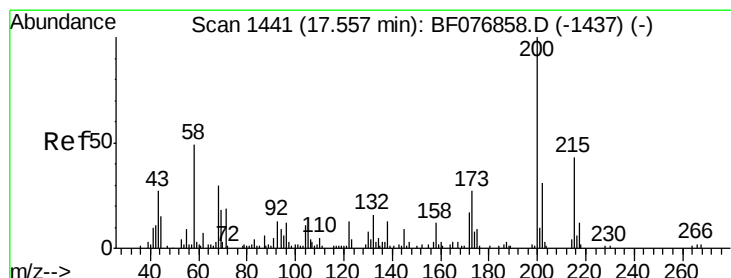
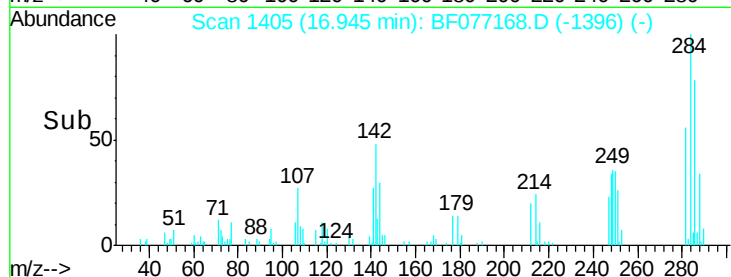
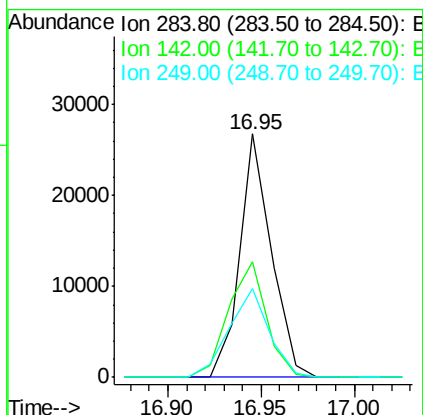
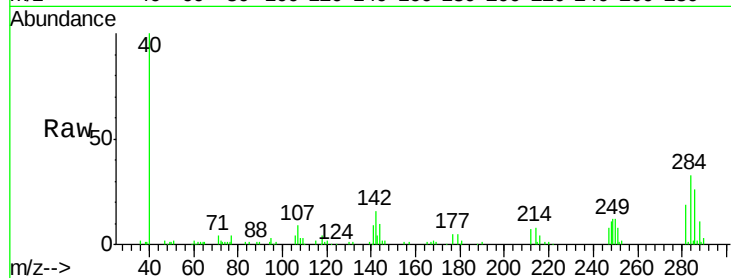




#67
Hexachlorobenzene
Concen: 34.01 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

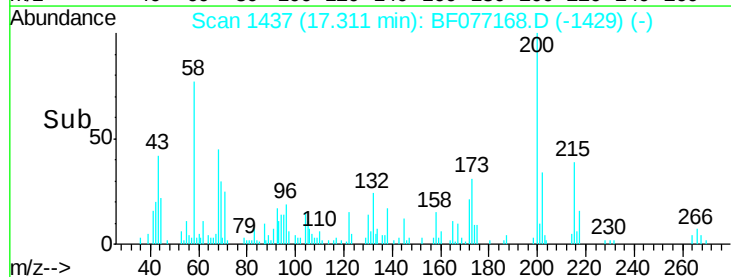
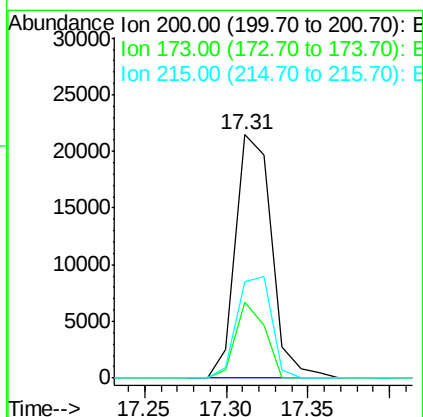
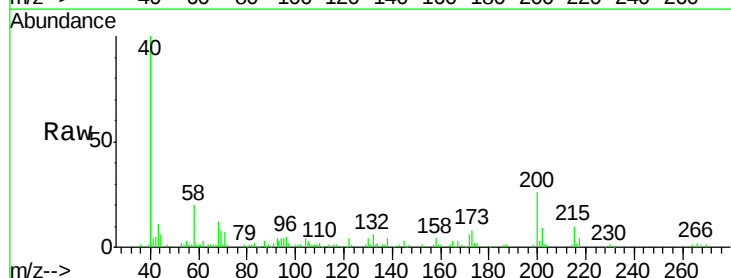
Instrument :
BNA_F
ClientSampleId :
PB81584BS

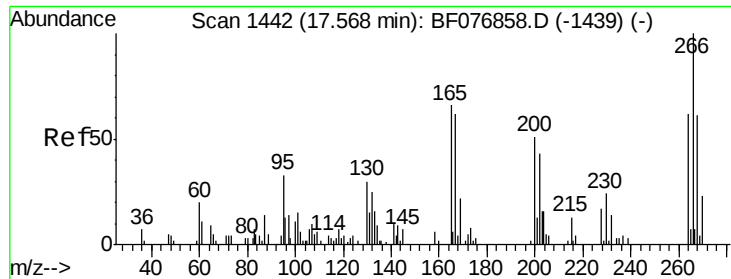
Tot Ion	Ratio	Lower	Upper
284	100		
142	47.7	38.2	57.4
249	36.2	28.2	42.2



#68
Atrazine
Concen: 34.84 ng
RT: 17.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	6.6	46.6
215	39.4	22.9	62.9

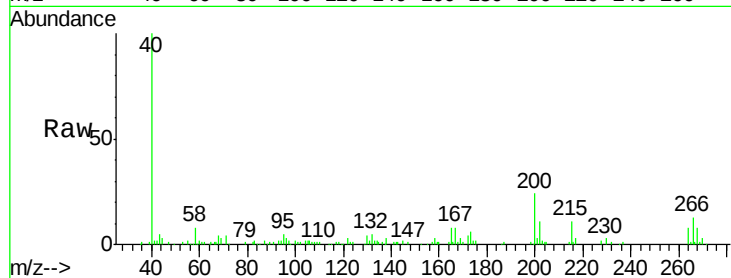




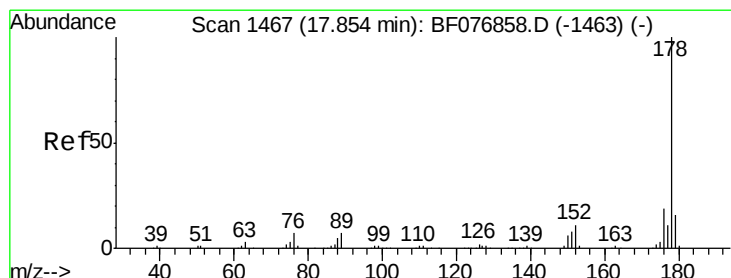
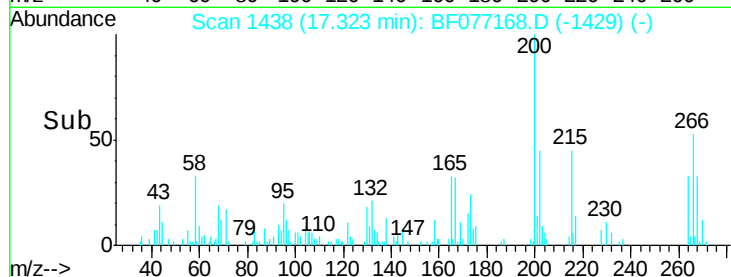
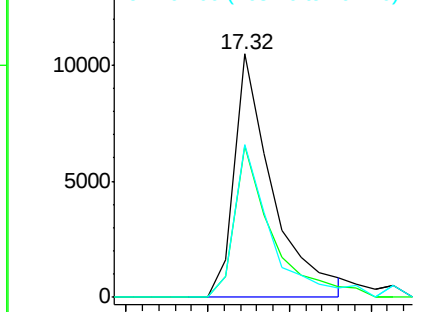
#69
 Pentachlorophenol
 Concen: 43.56 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion:266 Resp: 17050
 Ion Ratio Lower Upper
 266 100
 268 62.4 48.6 72.8
 264 62.7 49.5 74.3

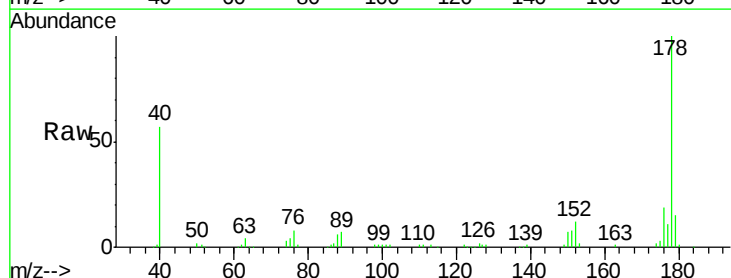


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

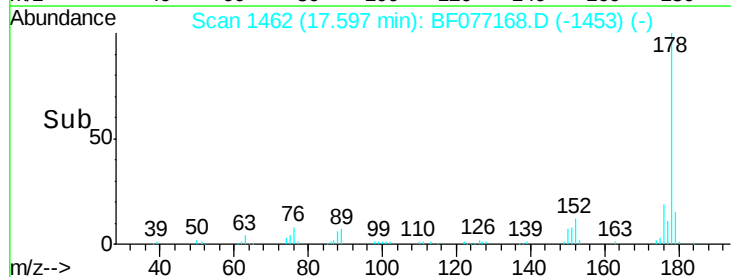
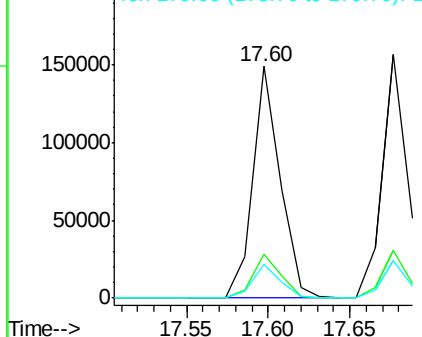


#70
 Phenanthrene
 Concen: 32.10 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:178 Resp: 173739
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 14.5 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: 32.24 ng

RT: 17.68 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

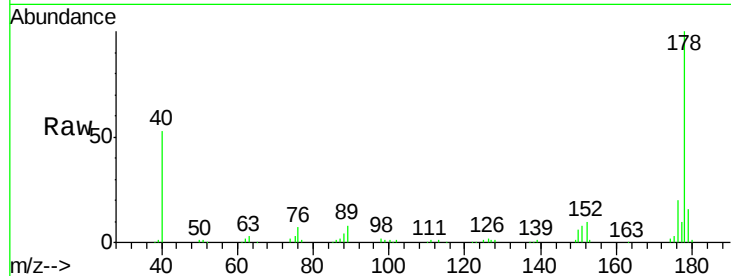
Tot Ion:178 Resp: 170133

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

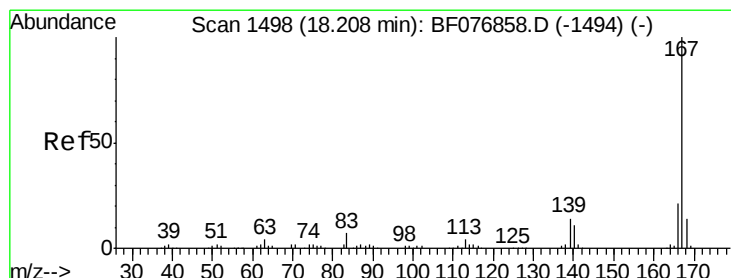
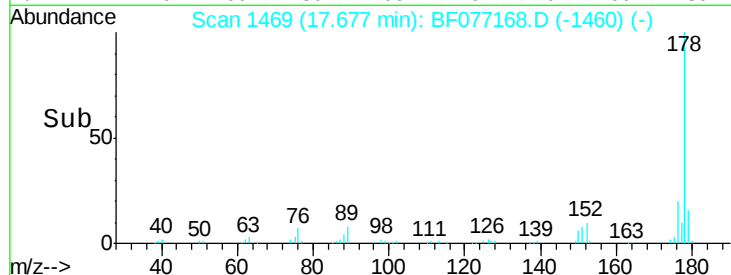
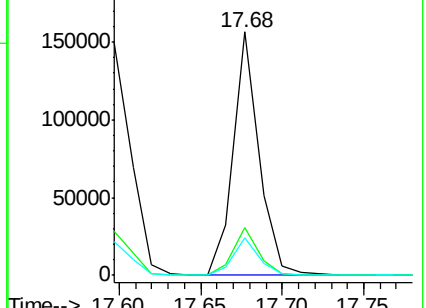
179 15.6 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.07 ng

RT: 17.97 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

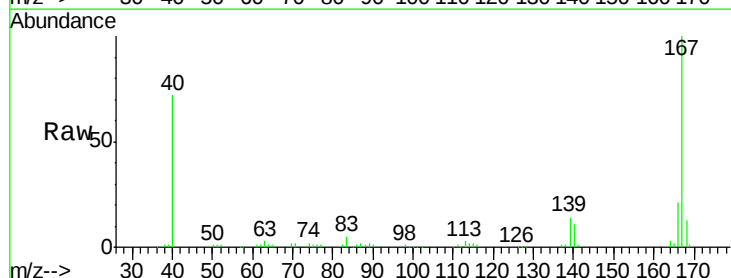
Tgt Ion:167 Resp: 164148

Ion Ratio Lower Upper

167 100

166 20.7 17.0 25.6

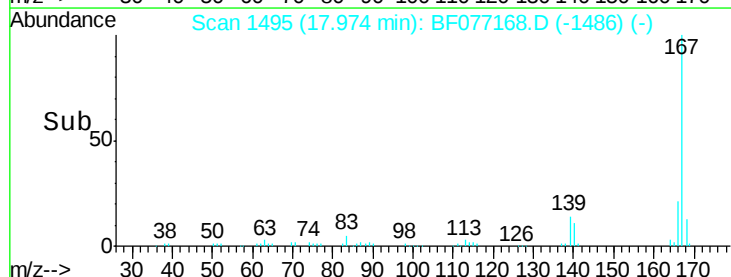
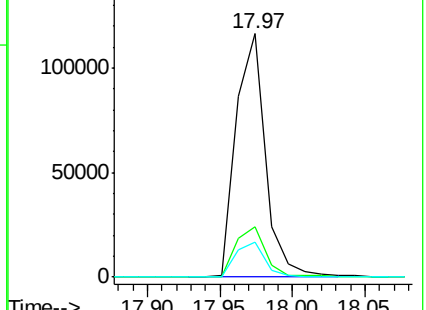
139 14.3 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

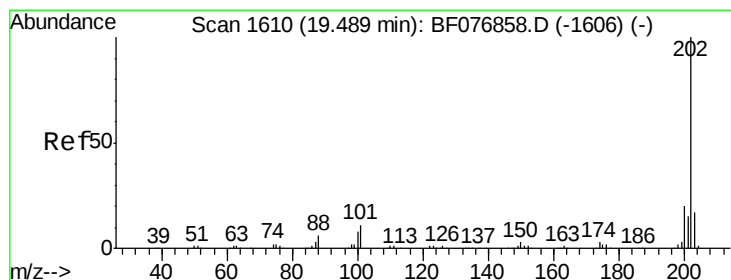
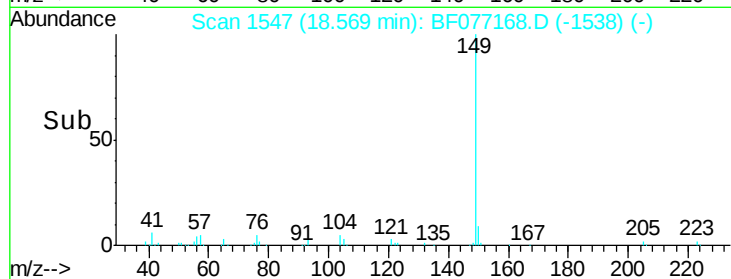
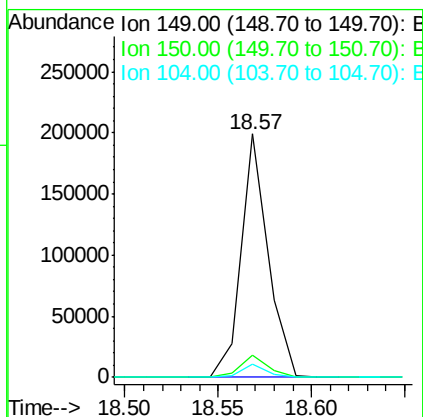
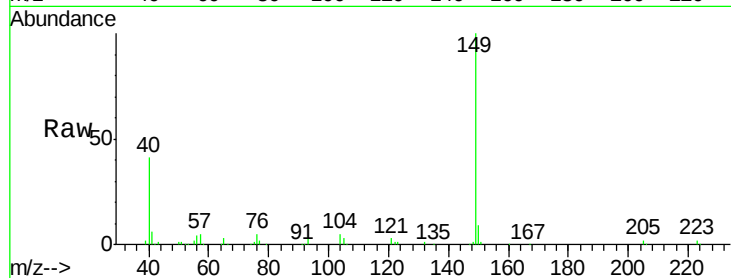




#73
Di-n-butylphthalate
Concen: 33.86 ng
RT: 18.57 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

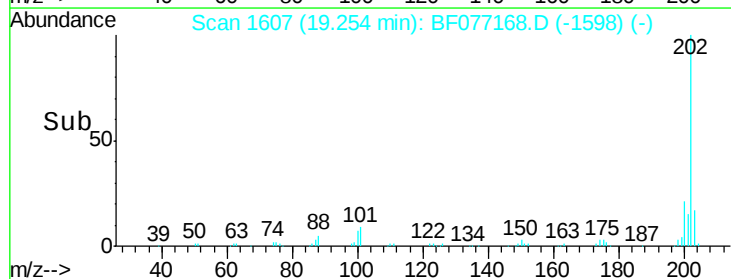
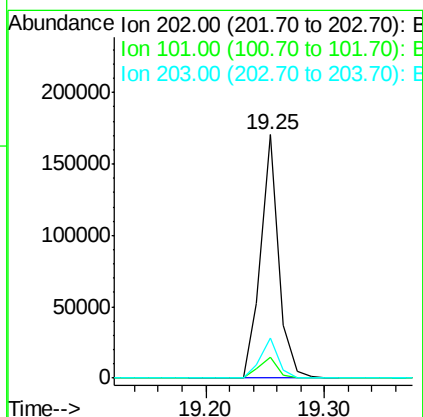
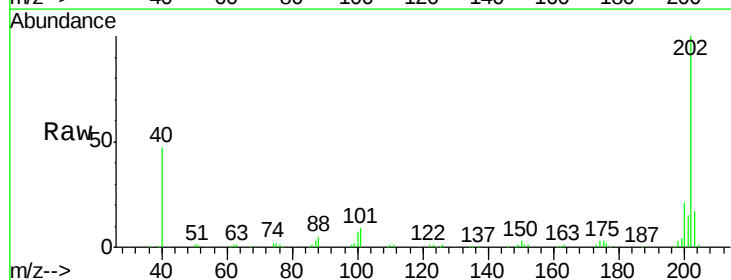
Instrument :
BNA_F
ClientSampleId :
PB81584BS

Tot Ion:149 Resp: 200611
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 5.4 3.7 5.5



#74
Fluoranthene
Concen: 33.09 ng
RT: 19.25 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:202 Resp: 183534
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.7
203 16.6 0.0 36.9

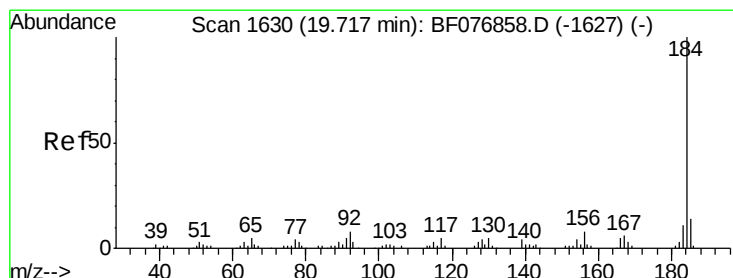
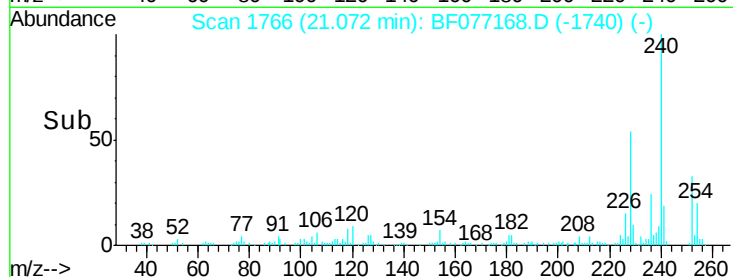
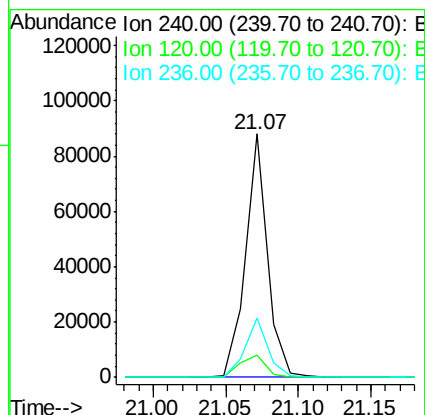
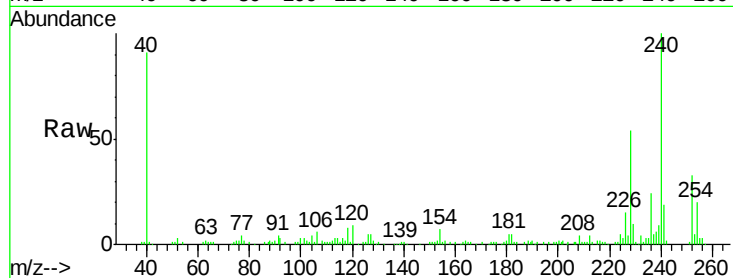




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

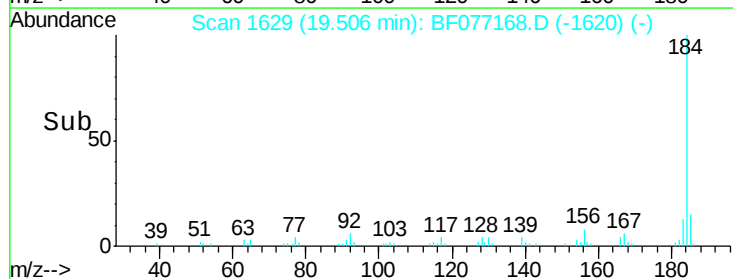
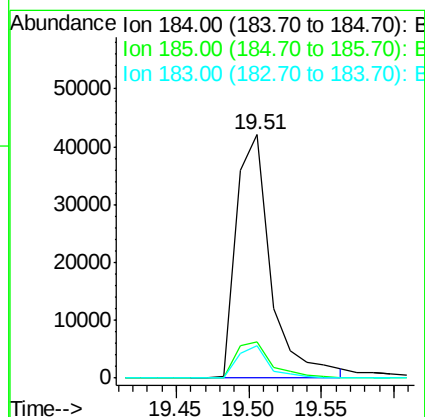
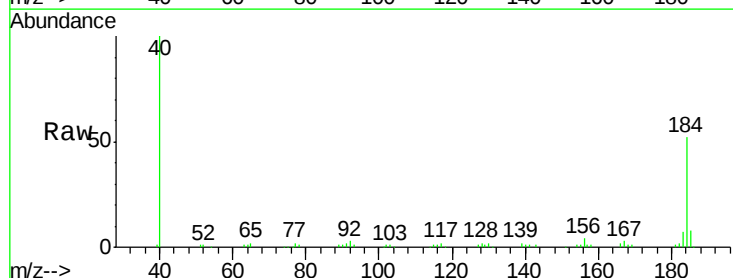
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

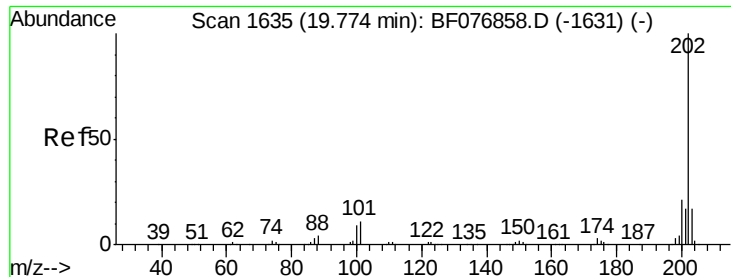
Tot Ion:240 Resp: 92099
 Ion Ratio Lower Upper
 240 100
 120 9.2 10.4 15.6#
 236 24.3 20.2 30.2



#76
 Benzidine
 Concen: 23.74 ng
 RT: 19.51 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:184 Resp: 69953
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.4 17.2
 183 13.3 9.0 13.6

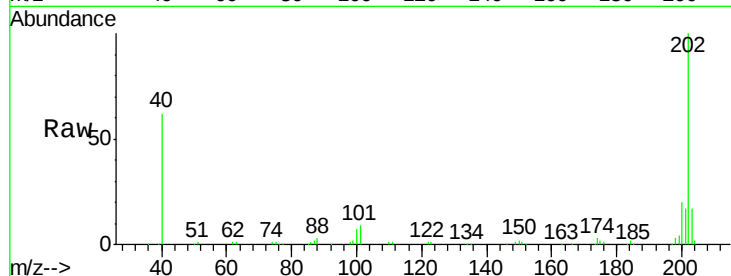




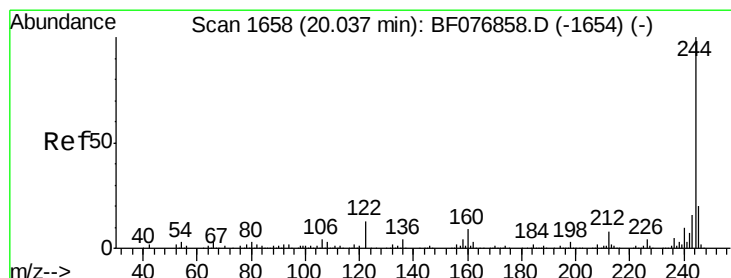
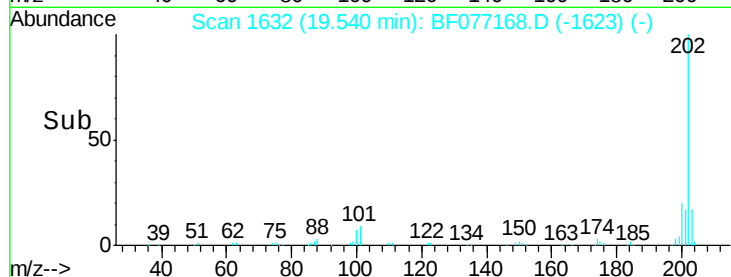
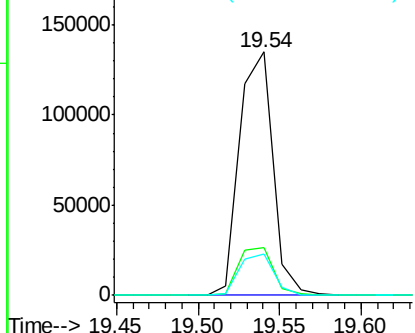
#77
 Pvrene
 Concen: 30.28 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion:202 Resp: 191150
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.7 25.1
 203 17.2 14.0 21.0

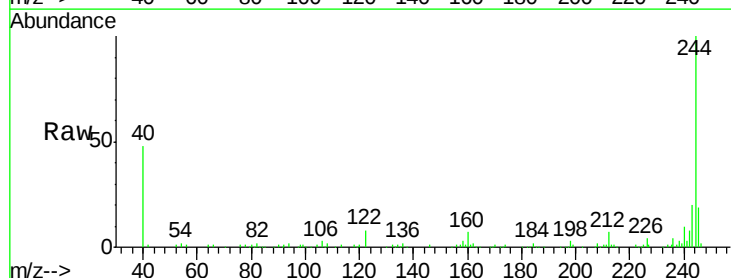


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

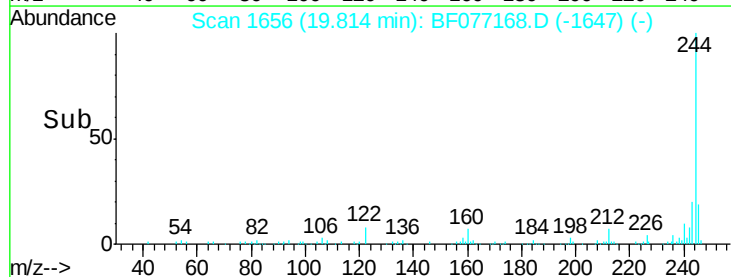
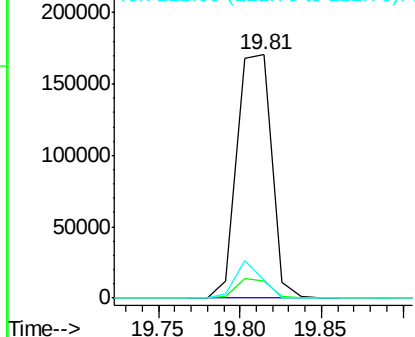


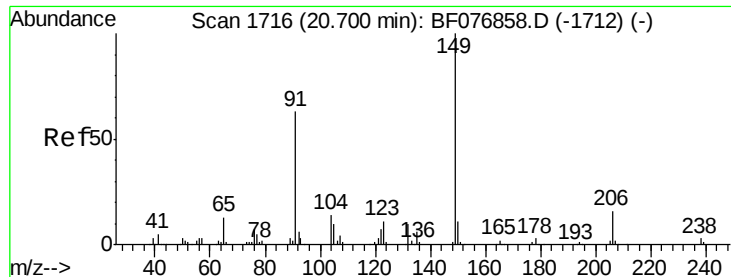
#78
 Terphenyl-d14
 Concen: 62.21 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion:244 Resp: 248855
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 7.5 10.1 15.1#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

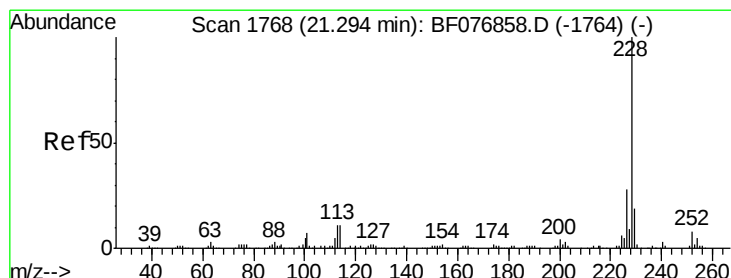
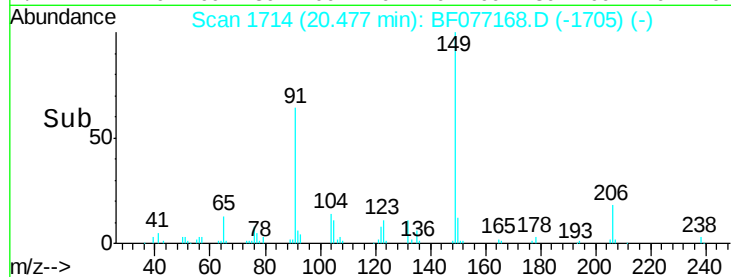
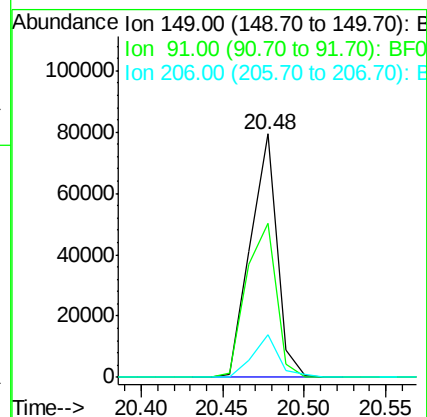
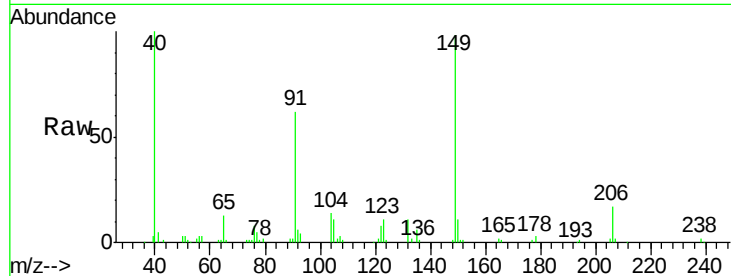




#79
Butylbenzylphthalate
Concen: 31.36 ng
RT: 20.48 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

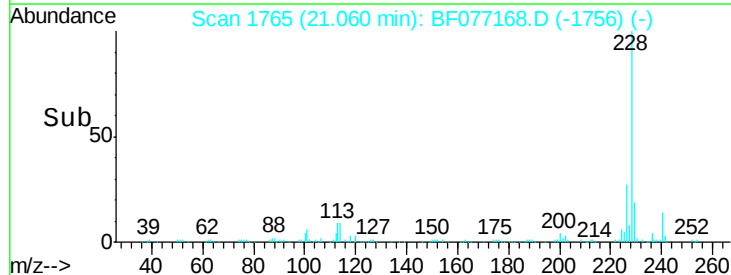
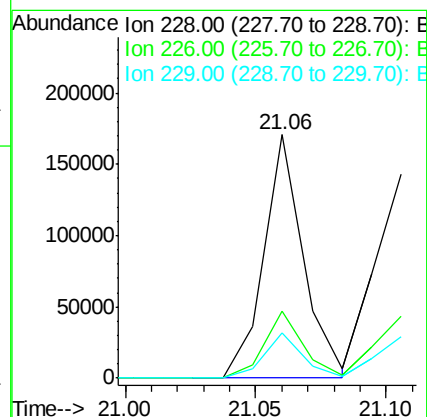
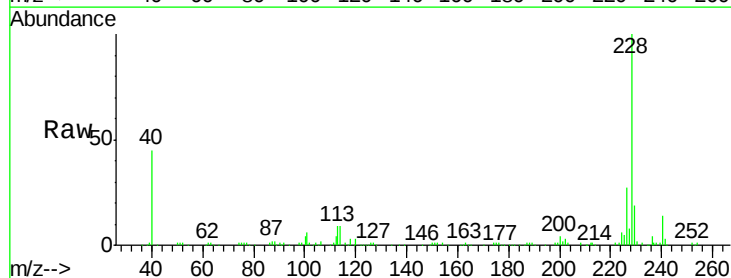
Instrument :
BNA_F
ClientSampleId :
PB81584BS

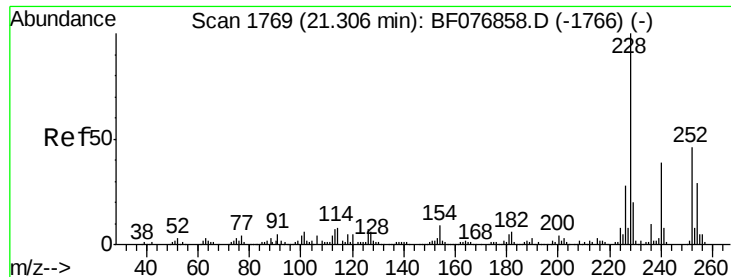
Tot Ion:149 Resp: 89637
Ion Ratio Lower Upper
149 100
91 63.5 50.6 76.0
206 17.7 12.8 19.2



#80
Benzo(a)anthracene
Concen: 30.90 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:228 Resp: 178543
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 18.6 15.5 23.3

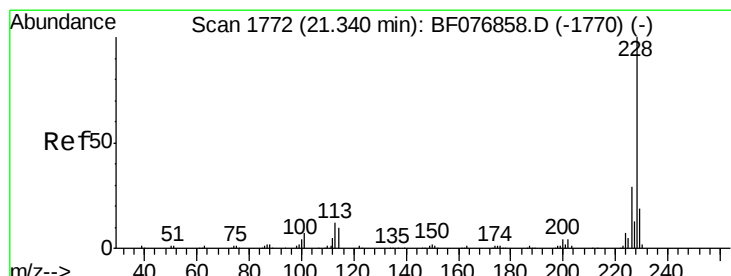
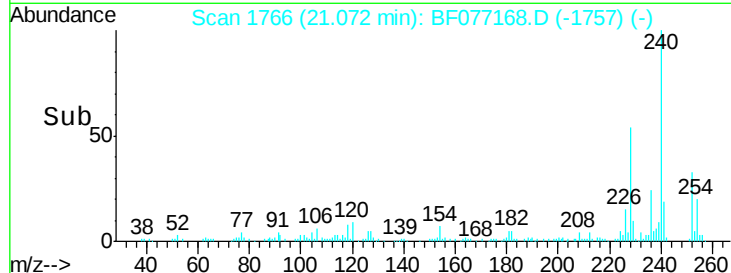
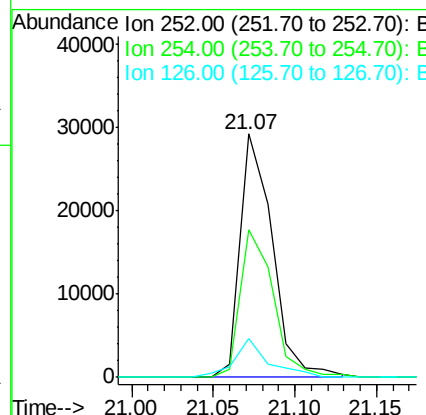
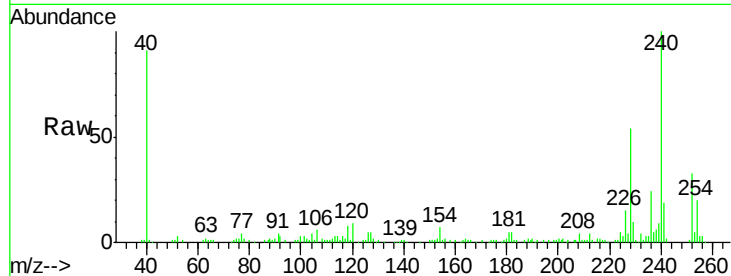




#81
 3,3'-Dichlorobenzidine
 Concen: 21.74 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

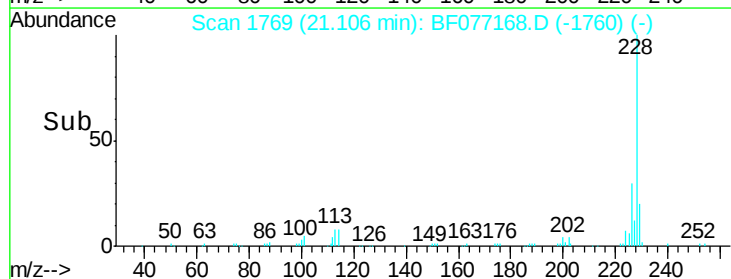
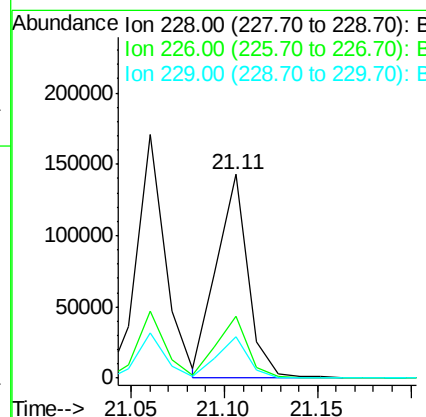
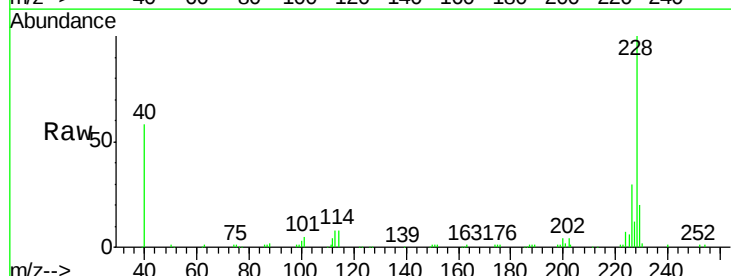
Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.8	50.2	75.4
126	16.1	11.5	17.3



#82
 Chrysene
 Concen: 31.79 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	20.2	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.39 ng

RT: 21.22 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB81584BS

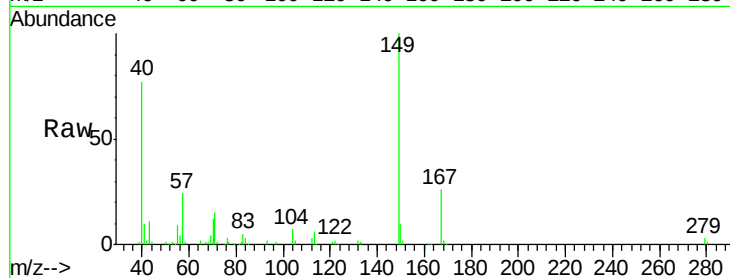
Tot Ion:149 Resp: 128112

Ion Ratio Lower Upper

149 100

167 26.1 20.6 30.8

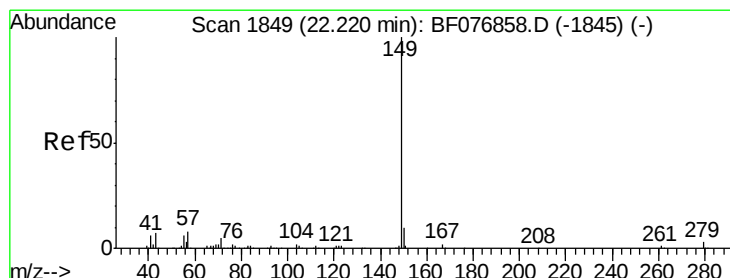
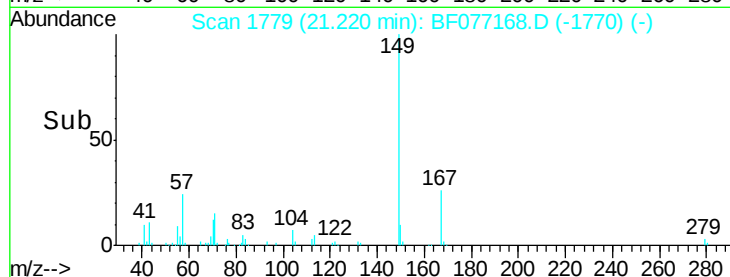
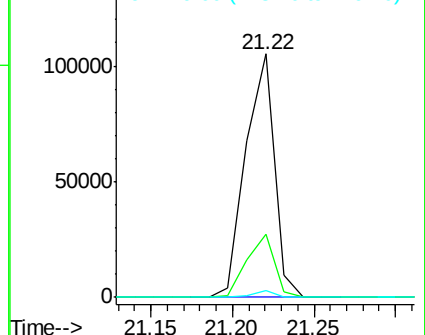
279 2.8 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.56 ng

RT: 21.97 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF077168.D

Acq: 3 Feb 2015 18:52

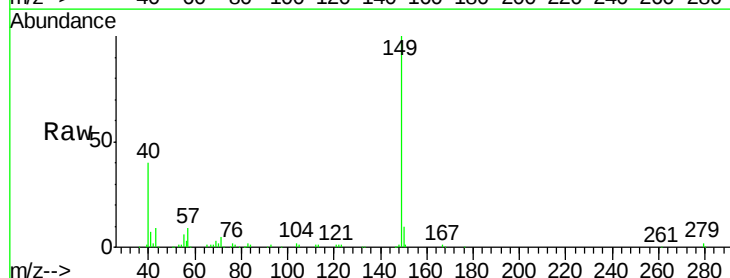
Tgt Ion:149 Resp: 230374

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

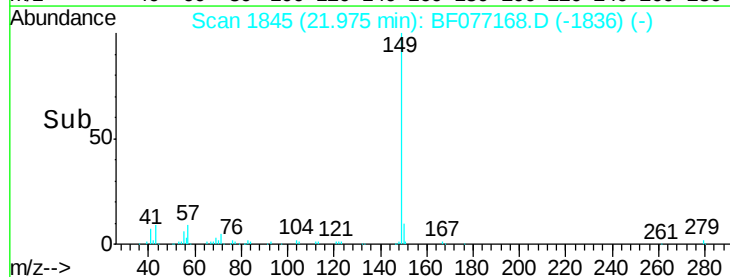
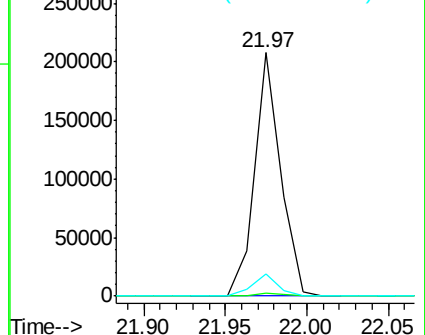
43 8.9 6.6 10.0

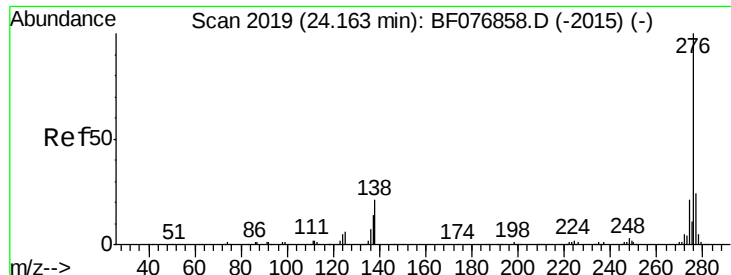


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

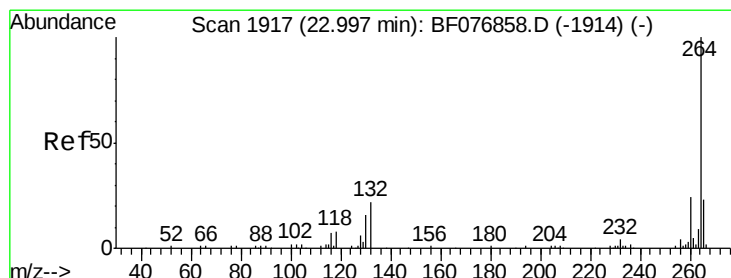
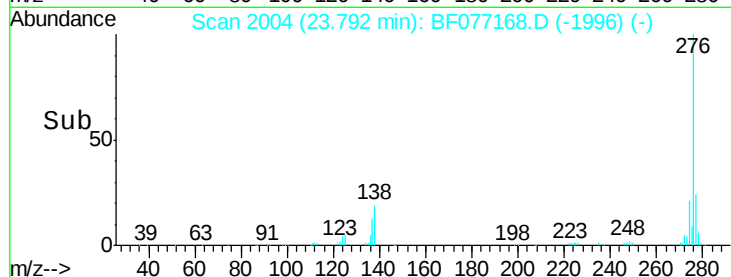
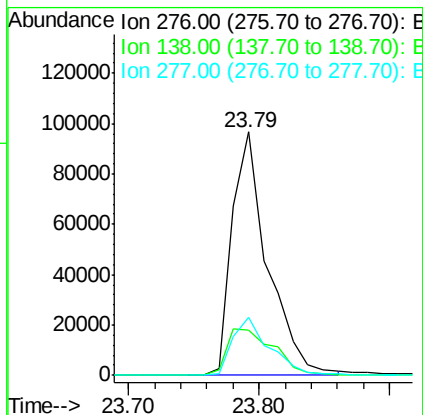
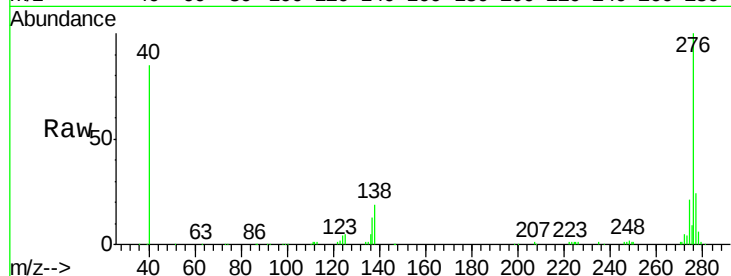




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.74 ng
RT: 23.79 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

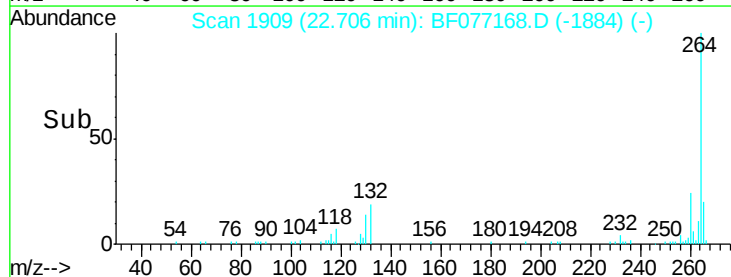
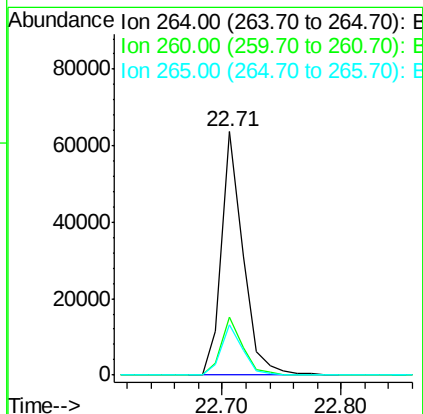
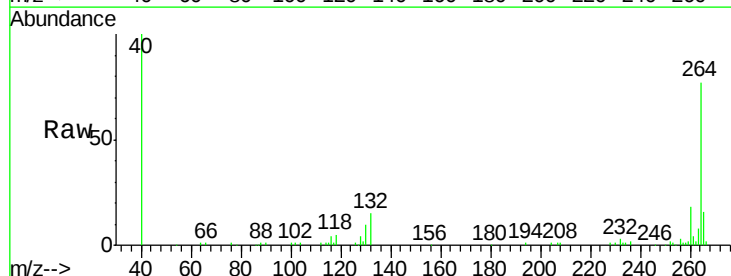
Instrument :
BNA_F
ClientSampleId :
PB81584BS

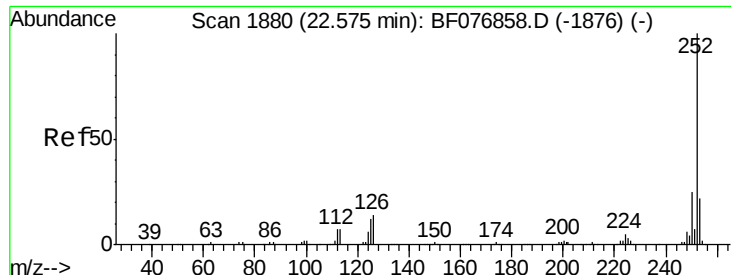
Tot Ion:276 Resp: 182827
Ion Ratio Lower Upper
276 100
138 25.5 14.6 22.0#
277 24.6 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.71 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:264 Resp: 79905
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 20.4 18.1 27.1

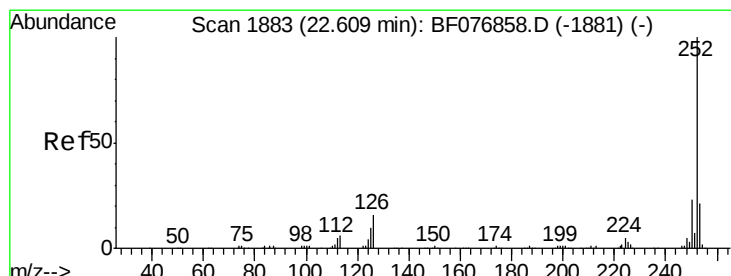
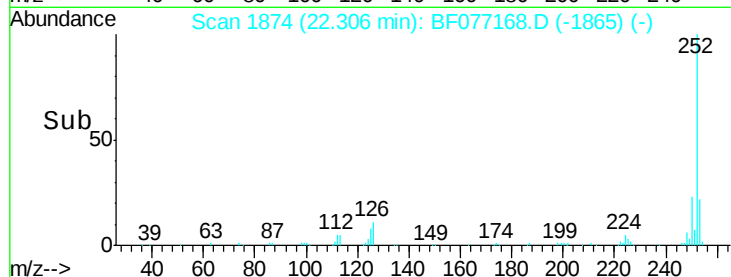
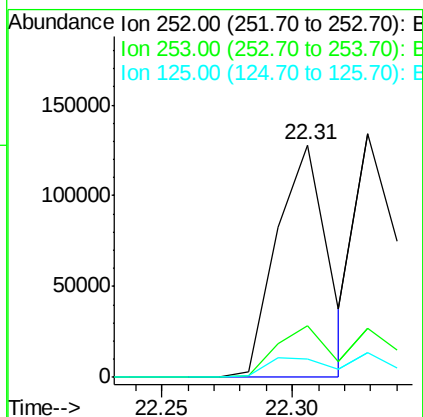
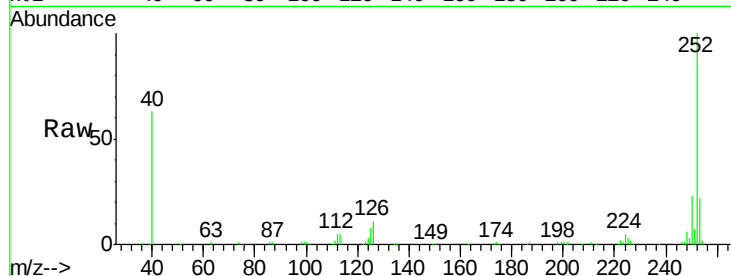




#87
Benzo(b)fluoranthene
Concen: 32.06 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

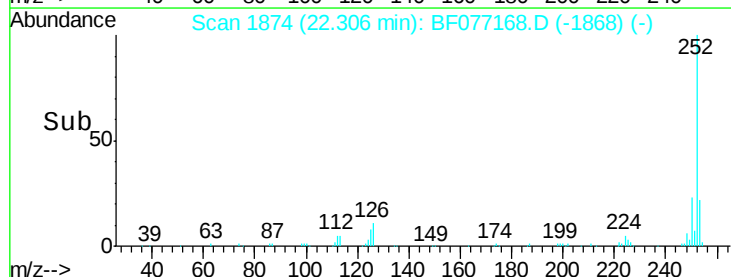
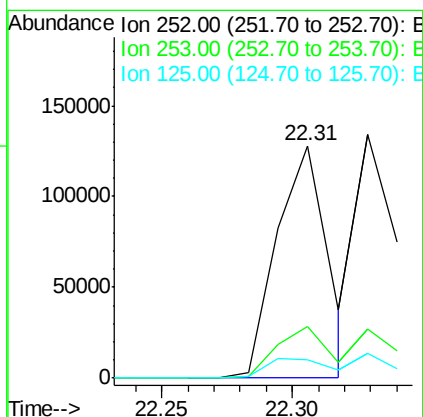
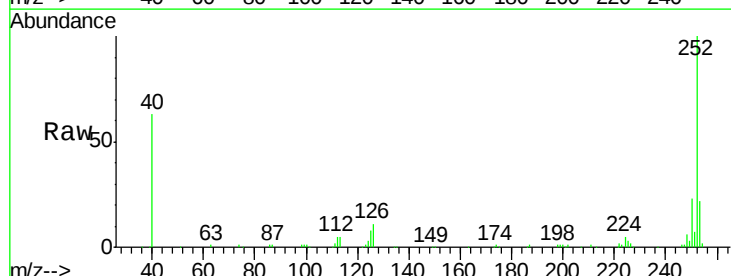
Instrument :
BNA_F
ClientSampleId :
PB81584BS

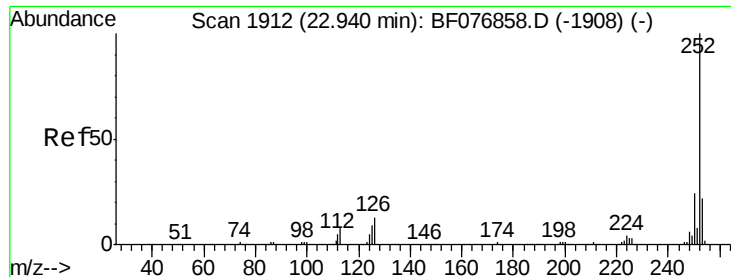
Tot Ion:252 Resp: 172536
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.8 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 36.70 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.03 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:252 Resp: 172536
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 7.8 7.1 10.7

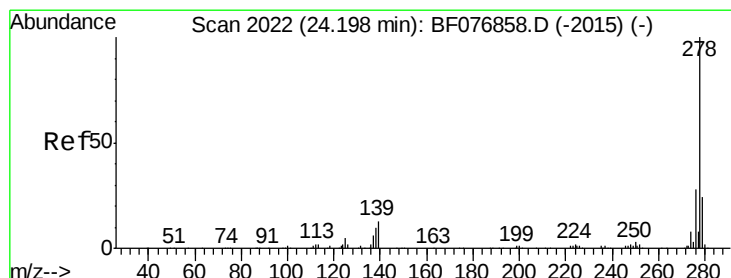
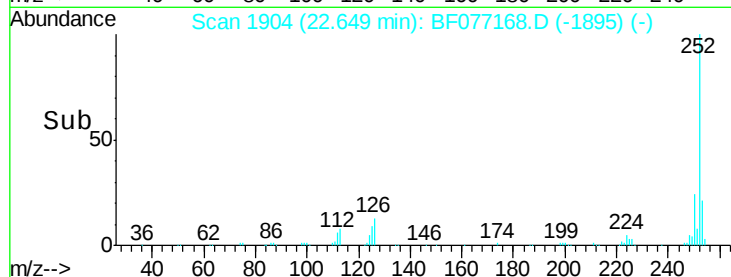
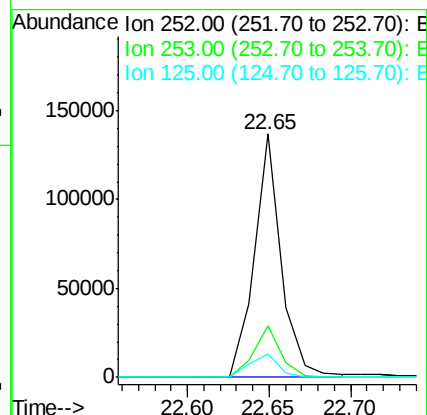
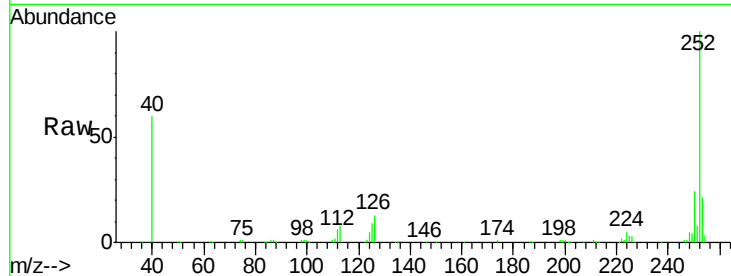




#89
Benzo(a)pyrene
Concen: 33.01 ng
RT: 22.65 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

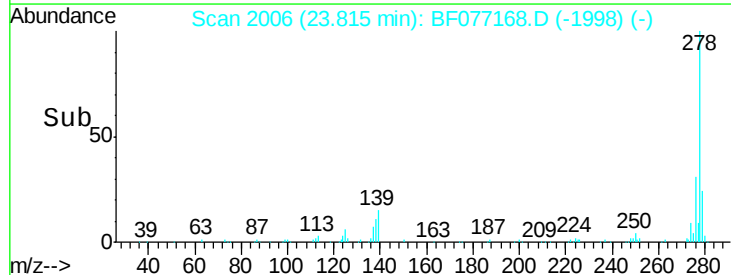
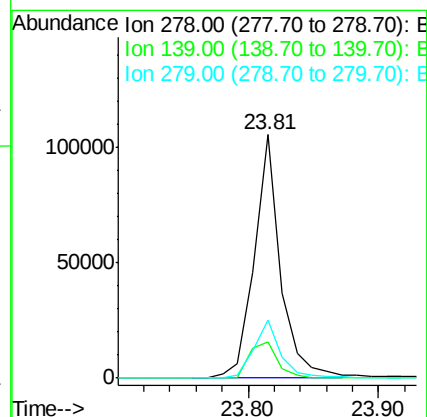
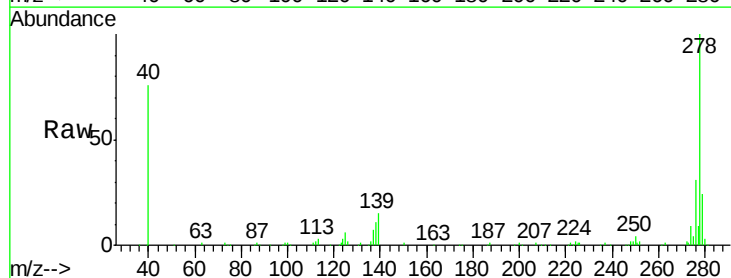
Instrument :
BNA_F
ClientSampleId :
PB81584BS

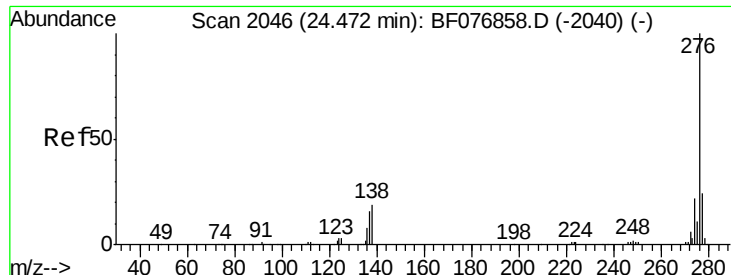
Tot Ion:252 Resp: 156694
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 9.5 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 33.89 ng
RT: 23.81 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF077168.D
Acq: 3 Feb 2015 18:52

Tgt Ion:278 Resp: 147625
Ion Ratio Lower Upper
278 100
139 14.8 10.5 15.7
279 23.7 19.3 28.9

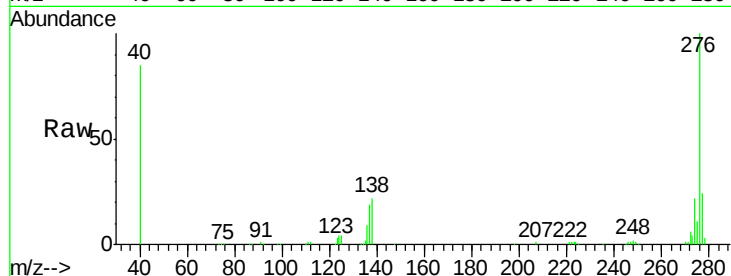




#91
 Benzo(a,h,i)perylene
 Concen: 34.70 ng
 RT: 24.05 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF077168.D
 Acq: 3 Feb 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81584BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	21.9	15.0	22.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

