

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
 Data File : BF077199.D
 Acq On : 6 Feb 2015 00:31
 Operator : TP/IZ
 Sample : G1217-01MS
 Misc : TCLP
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 02:37:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 01:12:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	33133	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	140551	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	74709	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	124321	20.00	ng	0.01
75) Chrysene-d12	21.08	240	121424	20.00	ng	0.01
86) Perylene-d12	22.73	264	112622	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.72	112	198564	98.53	ng	0.02
7) Phenol-d6	7.09	99	229838	90.41	ng	0.00
23) Nitrobenzene-d5	8.99	82	174404	68.75	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	64577	106.49	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	351684	71.64	ng	0.00
78) Terphenyl-d14	19.81	244	375897	71.27	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.15	88	22498	26.07	ng	95
3) Pyridine	1.62	79	39033	17.48	ng	95
4) n-Nitrosodimethylamine	1.55	42	35432	32.03	ng	100
6) Aniline	7.00	93	19204	5.46	ng	# 92
8) 2-Chlorophenol	7.22	128	76236	32.82	ng	94
9) Benzaldehyde	6.73	77	4996	2.43	ng	# 79
10) Phenol	7.13	94	71590	26.52	ng	90
11) bis(2-Chloroethyl)ether	7.23	93	71667	33.93	ng	86
12) 1,3-Dichlorobenzene	7.53	146	81654	30.89	ng	95
13) 1,4-Dichlorobenzene	7.72	146	84345	30.09	ng	98
14) 1,2-Dichlorobenzene	8.04	146	82240	31.84	ng	99
15) Benzyl Alcohol	8.13	79	69946	34.00	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	98176	34.58	ng	98
17) 2-Methylphenol	8.49	107	56145	29.57	ng	93
18) Hexachloroethane	8.77	117	31410	32.22	ng	93
19) n-Nitroso-di-n-propylamine	8.77	70	56860	31.95	ng	99
20) 3+4-Methylphenols	8.89	107	58000	23.07	ng	91
22) Acetophenone	8.68	105	115682	33.60	ng	97
24) Nitrobenzene	9.04	77	82295	31.84	ng	97
25) Isophorone	9.64	82	150586	32.59	ng	95
26) 2-Nitrophenol	9.78	139	39546	30.55	ng	# 85
27) 2,4-Dimethylphenol	10.06	122	67370	33.71	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	92299	35.15	ng	97
29) 2,4-Dichlorophenol	10.40	162	52063	27.95	ng	95
30) 1,2,4-Trichlorobenzene	10.51	180	66299	32.05	ng	97
31) Naphthalene	10.64	128	232280	32.10	ng	99
34) Hexachlorobutadiene	11.00	225	39556	32.22	ng	90
35) Caprolactam	11.78	113	5816	10.61	ng	90
36) 4-Chloro-3-methylphenol	12.20	107	70651	33.13	ng	92
37) 2-Methylnaphthalene	12.29	142	168825	34.16	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	64763	35.06	ng	95
40) Hexachlorocyclopentadiene	12.68	237	65354	66.54	ng	96
42) 2,4,6-Trichlorophenol	13.05	196	42073	31.26	ng	96
43) 2,4,5-Trichlorophenol	13.15	196	39749	28.96	ng	# 93

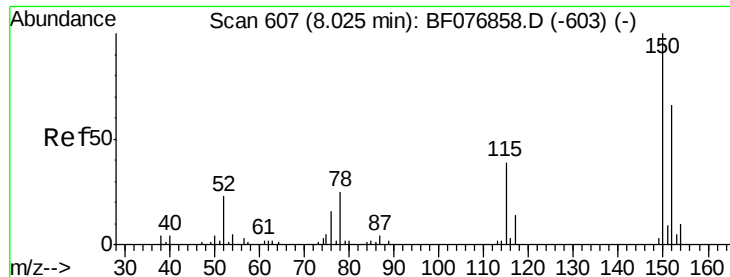
Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 01:12:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.45	154	195614	35.32	nq	99
46) 2-Chloronaphthalene	13.43	162	153152	33.60	nq	98
47) 2-Nitroaniline	13.78	65	46010	33.28	nq	86
48) Acenaphthylene	14.36	152	244196	31.76	nq	100
49) Dimethylphthalate	14.33	163	188005	35.48	nq	96
50) 2,6-Dinitrotoluene	14.42	165	37785	35.70	nq	# 80
51) Acenaphthene	14.79	154	138406	31.73	nq	96
52) 3-Nitroaniline	14.80	138	6544	6.37	nq	# 70
53) 2,4-Dinitrophenol	15.06	184	25822	56.10	nq	# 82
54) Dibenzofuran	15.22	168	215917	33.98	nq	97
55) 4-Nitrophenol	15.39	139	34702	41.78	nq	94
56) 2,4-Dinitrotoluene	15.36	165	52370	33.66	nq	# 86
57) Fluorene	15.97	166	180485	33.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.59	232	29530	29.55	nq	93
59) Diethylphthalate	15.99	149	196578	36.71	nq	98
60) 4-Chlorophenyl-phenylether	16.08	204	77183	35.04	nq	# 85
61) 4-Nitroaniline	16.13	138	26838	20.94	nq	88
62) Azobenzene	16.36	77	198196	35.52	nq	96
64) 4,6-Dinitro-2-methylphenol	16.21	198	22697	29.76	nq	85
65) n-Nitrosodiphenylamine	16.33	169	149456	33.72	nq	99
66) 4-Bromophenyl-phenylether	16.93	248	45934	36.47	nq	97
67) Hexachlorobenzene	16.95	284	46035	34.68	nq	# 84
68) Atrazine	17.33	200	50644	37.65	nq	95
69) Pentachlorophenol	17.32	266	35044	59.50	nq	96
70) Phenanthrene	17.61	178	260224	33.56	nq	98
71) Anthracene	17.68	178	261623	34.61	nq	98
72) Carbazole	17.97	167	250697	34.19	nq	98
73) Di-n-butylphthalate	18.57	149	320053	37.71	nq	# 98
74) Fluoranthene	19.25	202	268686	33.82	nq	98
77) Pyrene	19.54	202	286362	34.41	nq	99
79) Butylbenzylphthalate	20.48	149	147005	39.01	nq	90
80) Benzo(a)anthracene	21.07	228	256604	33.68	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	35333	14.59	nq	96
82) Chrysene	21.11	228	241510	34.76	nq	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	210760	40.42	nq	97
84) Di-n-octyl phthalate	21.99	149	359078	39.68	nq	98
85) Indeno(1,2,3-cd)pyrene	23.85	276	237586	32.27	nq	# 83
87) Benzo(b)fluoranthene	22.32	252	473074	62.37	nq	97
88) Benzo(k)fluoranthene	22.32	252	478558	72.21	nq	99
89) Benzo(a)pyrene	22.67	252	231056	34.53	nq	97
90) Dibenzo(a,h)anthracene	23.87	278	203622	33.17	nq	98
91) Benzo(g,h,i)perylene	24.11	276	200413	32.84	nq	# 94

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

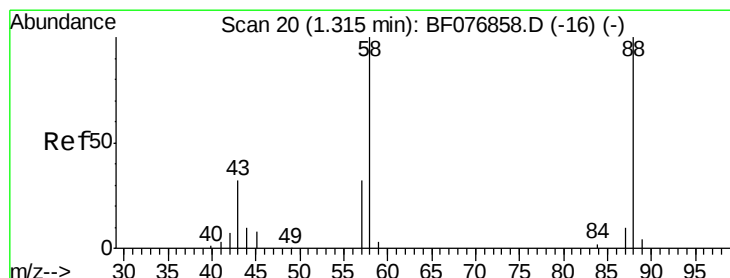
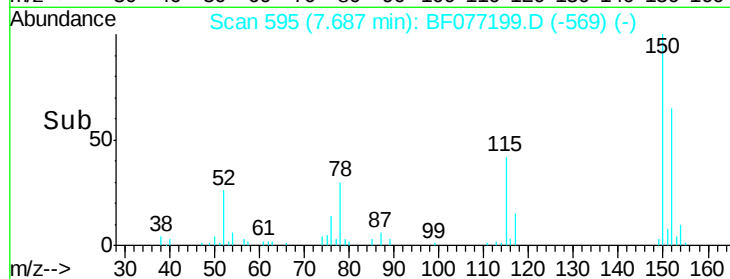
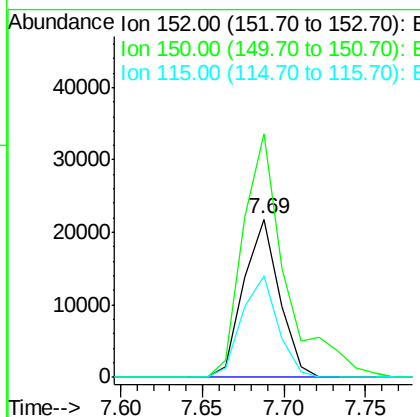
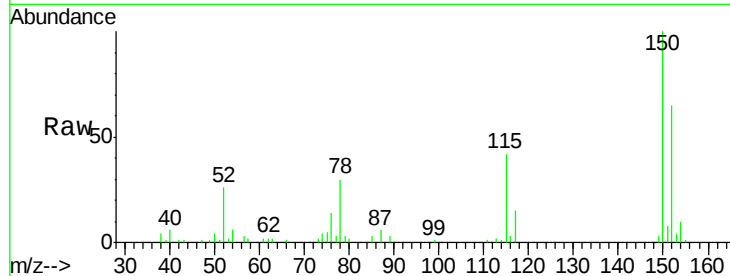


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampled :

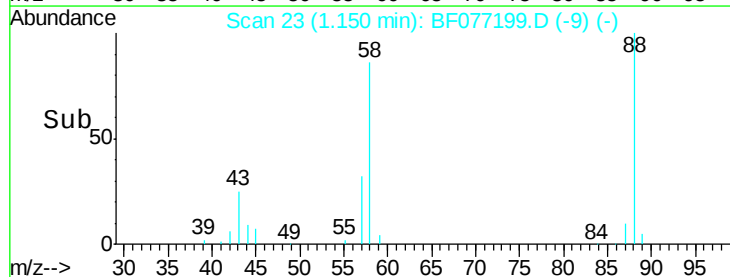
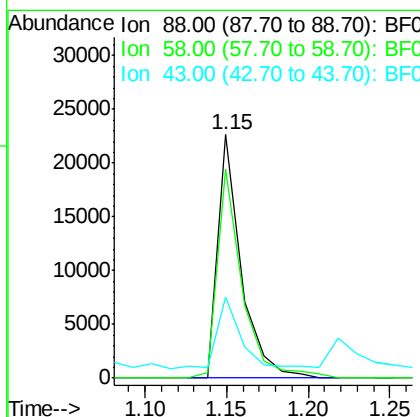
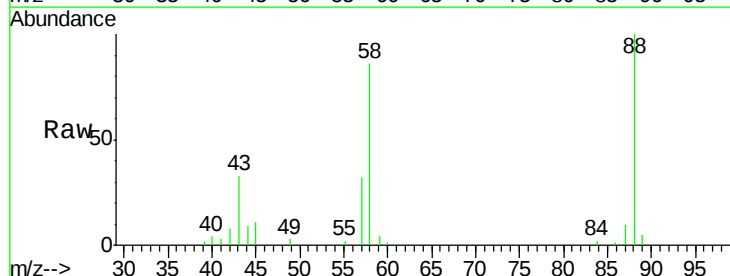
Tot Ion:152 Resp: 33133
Ion Ratio Lower Upper
152 100
150 154.2 121.7 182.5
115 64.3 47.0 70.6



#2

1,4-Dioxane
Concen: 26.07 ng
RT: 1.15 min Scan# 23
Delta R.T. 0.06 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion: 88 Resp: 22498
Ion Ratio Lower Upper
88 100
58 91.1 77.0 115.4
43 28.4 25.6 38.4





#3

Pvridine

Concen: 17.48 ng

RT: 1.62 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

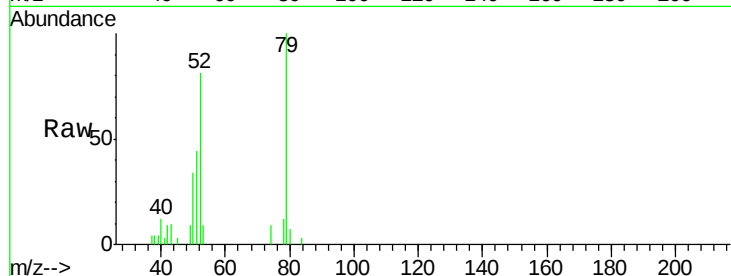
Tot Ion: 79 Resp: 39033

Ion Ratio Lower Upper

79 100

52 81.3 70.1 105.1

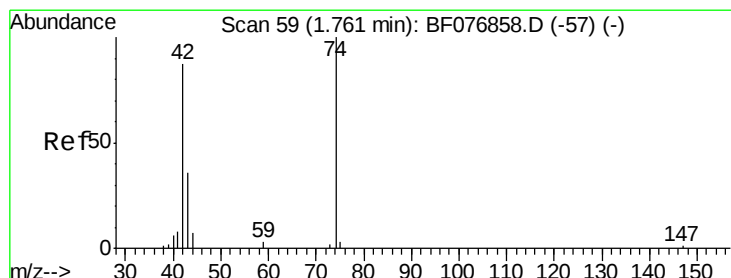
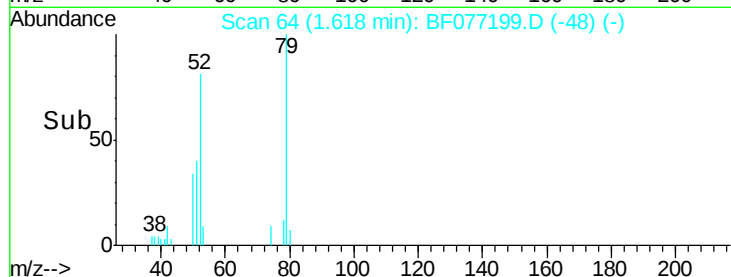
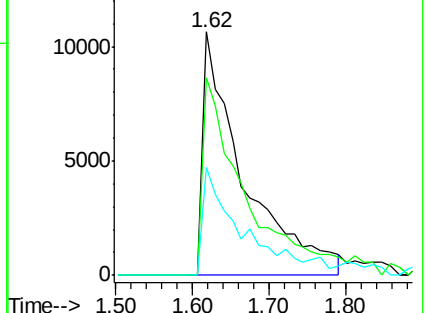
51 44.4 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.03 ng

RT: 1.55 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

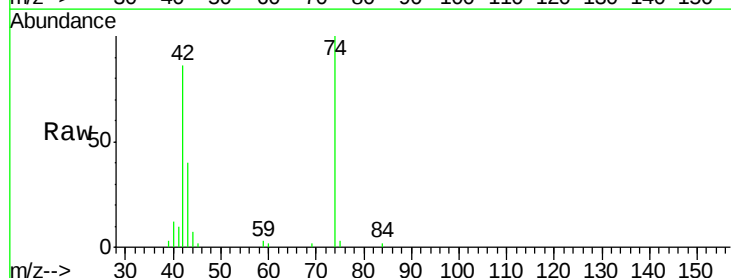
Tgt Ion: 42 Resp: 35432

Ion Ratio Lower Upper

42 100

74 116.0 92.4 138.6

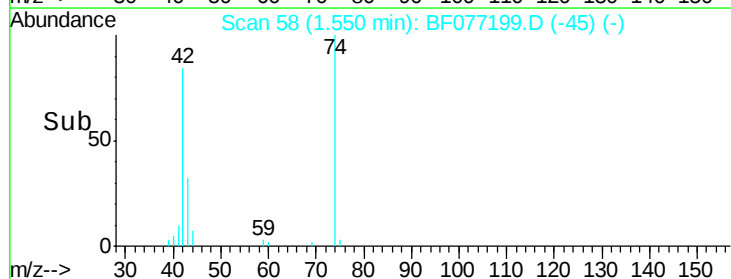
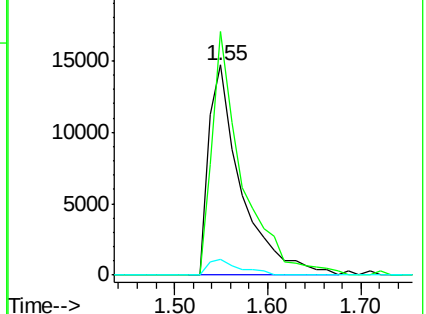
44 7.7 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 98.53 ng

RT: 4.72 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF077199.D

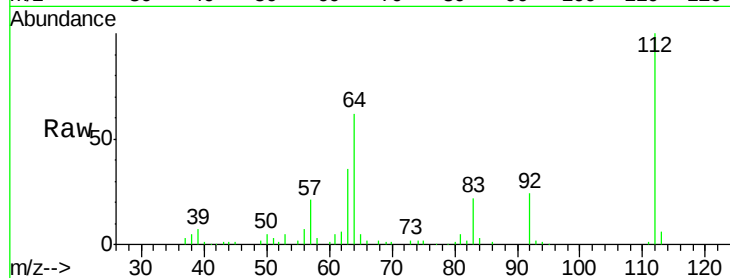
Acq: 6 Feb 2015 00:31

Instrument :

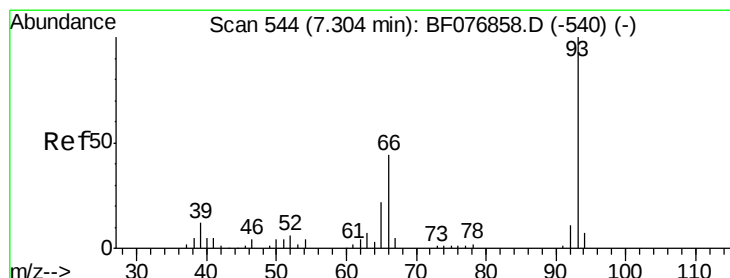
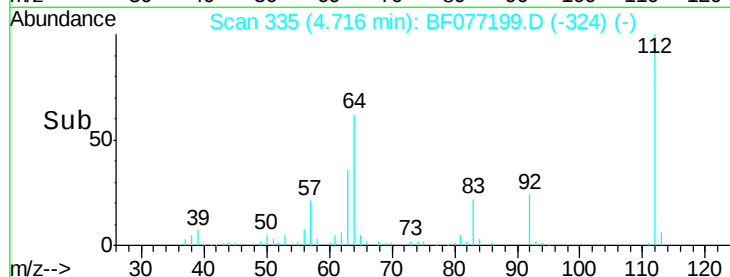
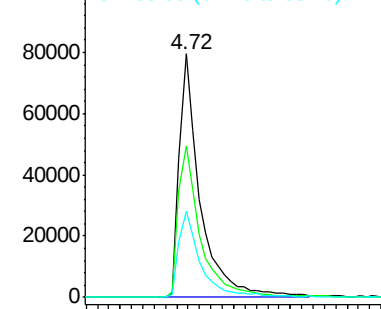
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	198564
Ion	Ratio	Lower	Upper
112	100		
64	62.4	54.2	81.4
63	35.6	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 5.46 ng

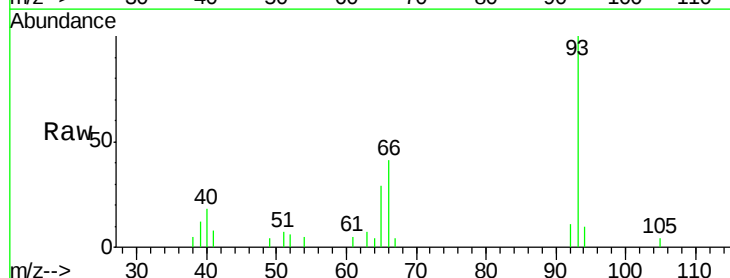
RT: 7.00 min Scan# 535

Delta R.T. 0.03 min

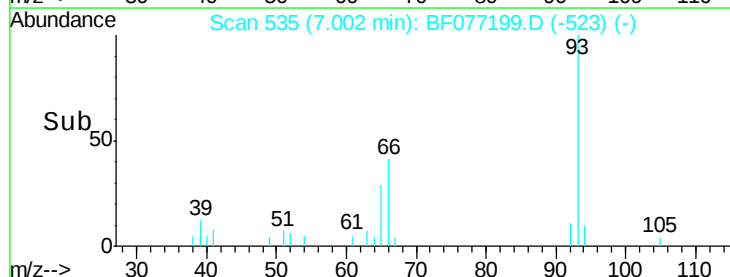
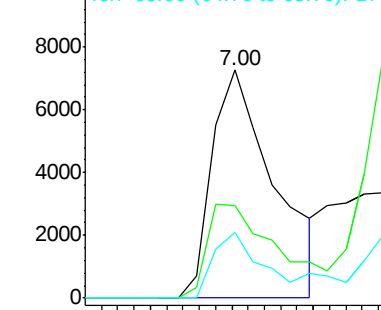
Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Tgt Ion:	93	Resp:	19204
Ion	Ratio	Lower	Upper
93	100		
66	40.9	35.0	52.4
65	28.8	17.7	26.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 90.41 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

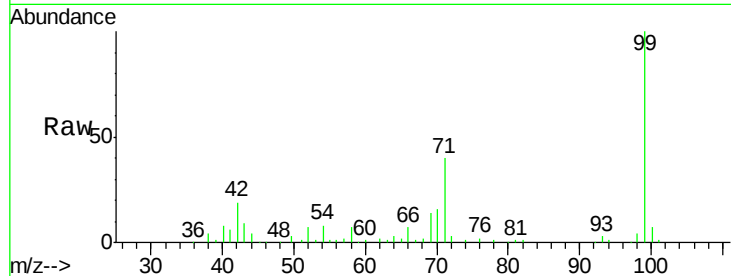
Tot Ion: 99 Resp: 229838

Ion Ratio Lower Upper

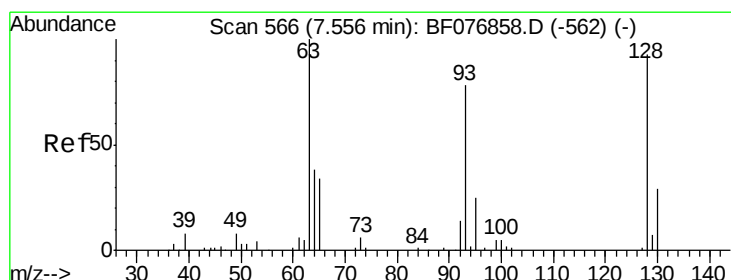
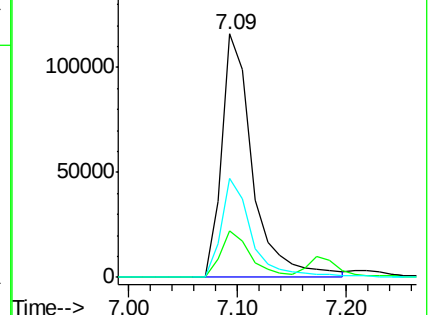
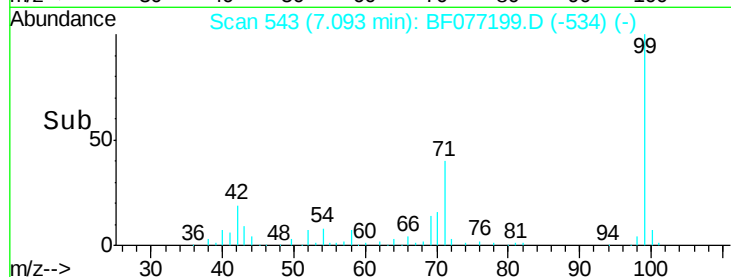
99 100

42 19.0 15.0 22.4

71 40.5 30.5 45.7



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



#8

2-Chlorophenol

Concen: 32.82 ng

RT: 7.22 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

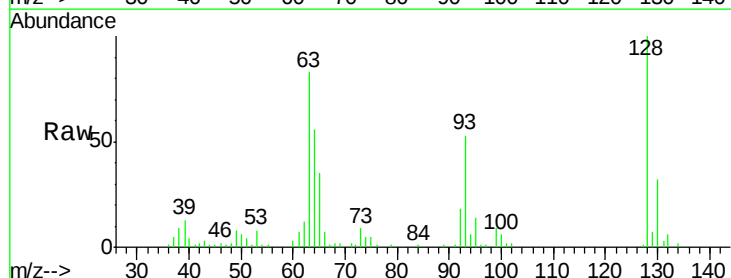
Tgt Ion: 128 Resp: 76236

Ion Ratio Lower Upper

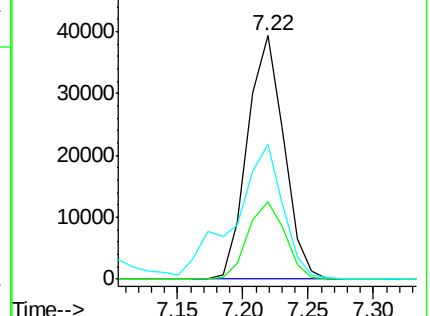
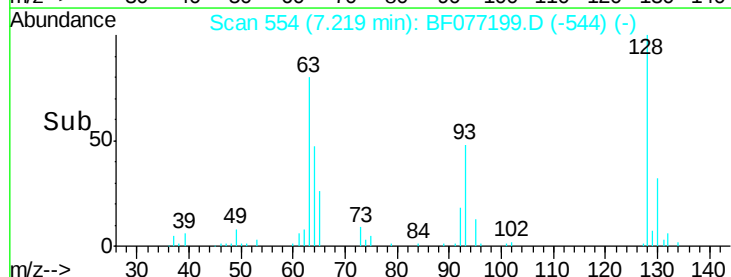
128 100

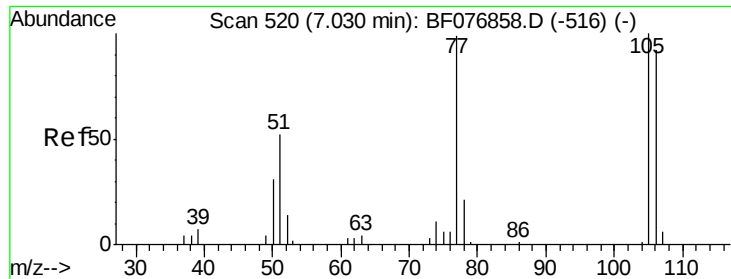
130 31.5 11.0 51.0

64 55.6 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.03 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampled :

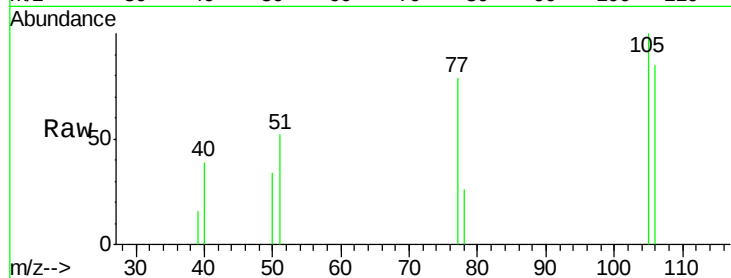
Tot Ion: 77 Resp: 4996

Ion Ratio Lower Upper

77 100

105 127.0 81.4 121.4#

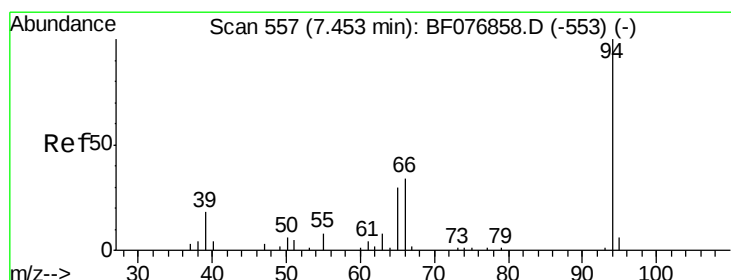
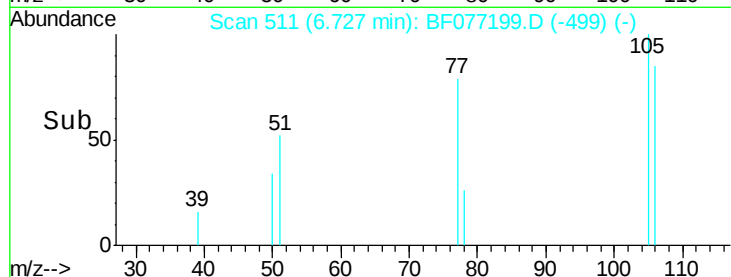
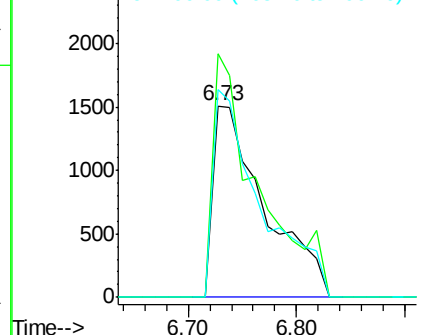
106 108.4 72.8 112.8



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: 26.52 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

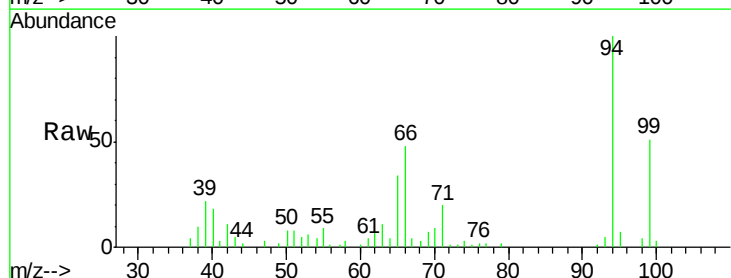
Tgt Ion: 94 Resp: 71590

Ion Ratio Lower Upper

94 100

65 34.2 11.3 51.3

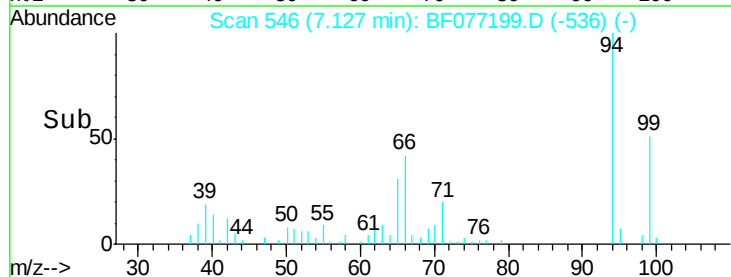
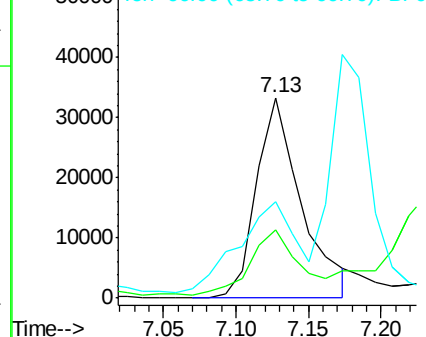
66 48.1 19.5 59.5

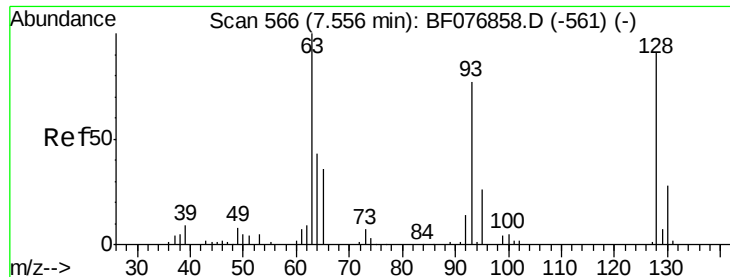


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

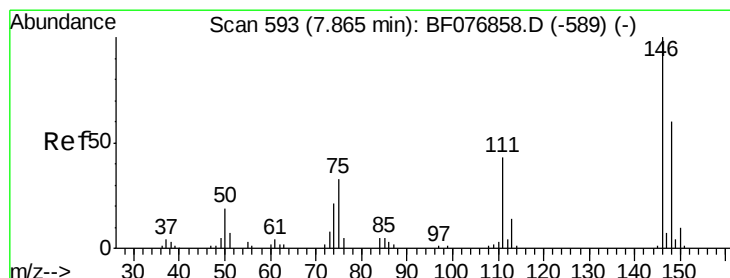
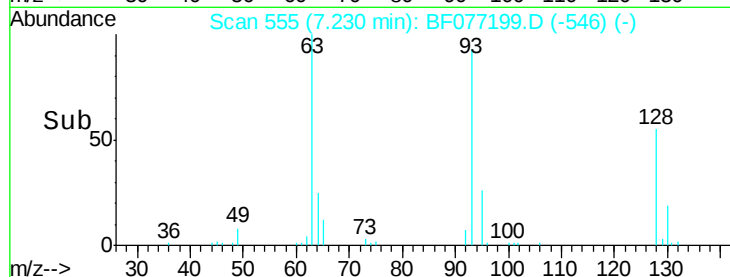
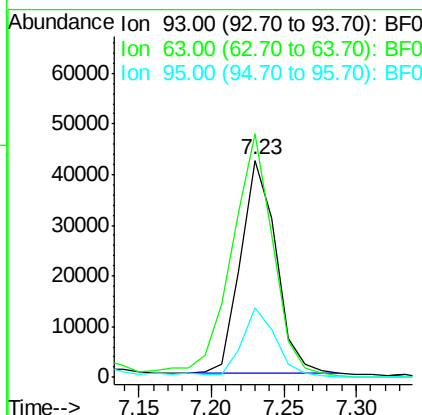
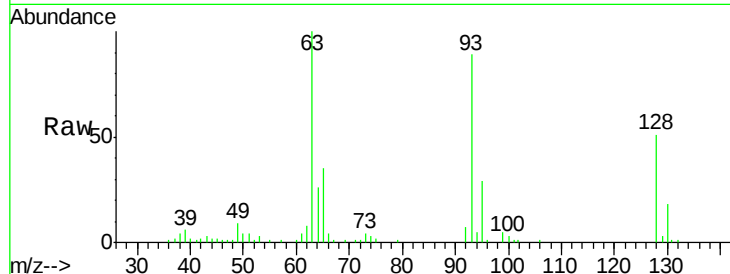




#11
 bis(2-Chloroethyl)ether
 Concen: 33.93 ng
 RT: 7.23 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

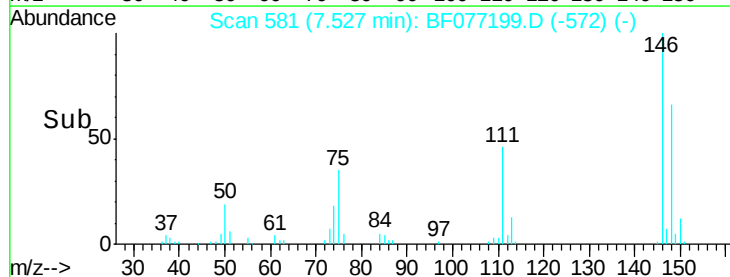
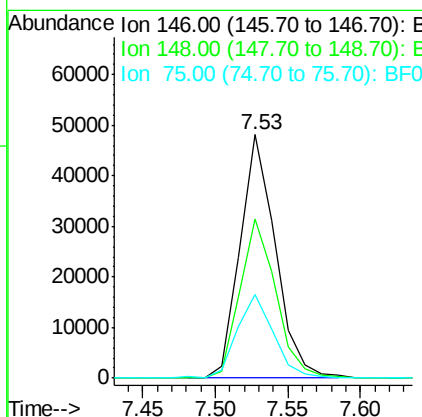
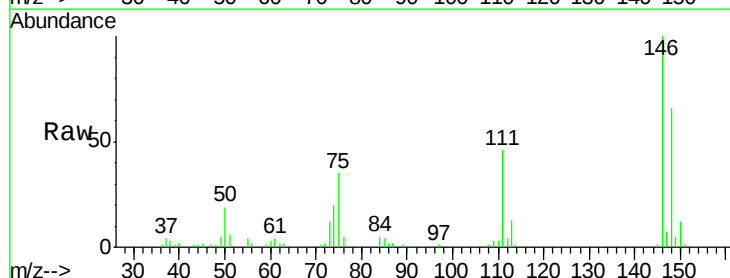
Instrument :
 BNA_F
 ClientSampleId :

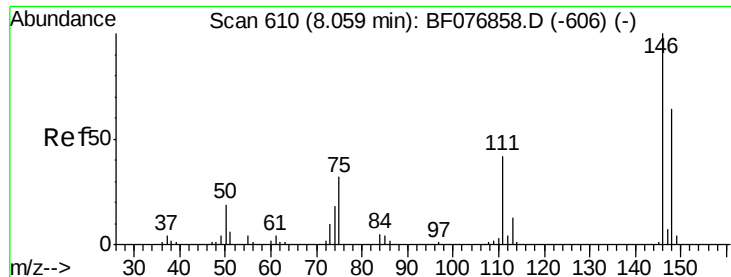
Tot Ion: 93 Resp: 71667
 Ion Ratio Lower Upper
 93 100
 63 112.2 111.3 151.3
 95 32.3 13.8 53.8



#12
 1,3-Dichlorobenzene
 Concen: 30.89 ng
 RT: 7.53 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion: 146 Resp: 81654
 Ion Ratio Lower Upper
 146 100
 148 65.5 48.1 72.1
 75 34.6 26.8 40.2

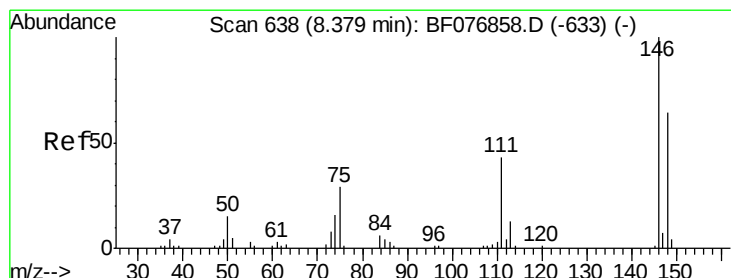
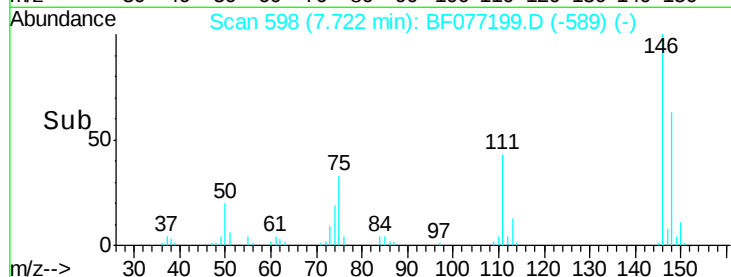
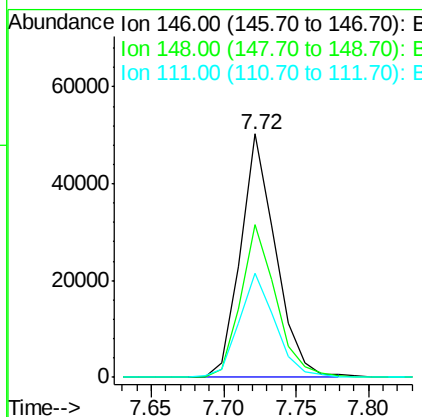
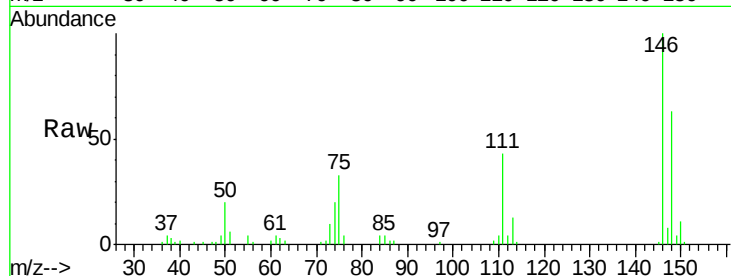




#13
 1,4-Dichlorobenzene
 Concen: 30.09 ng
 RT: 7.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

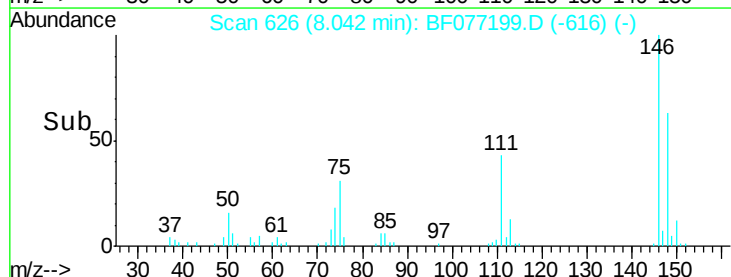
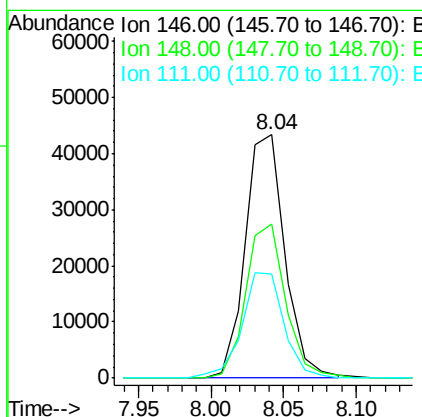
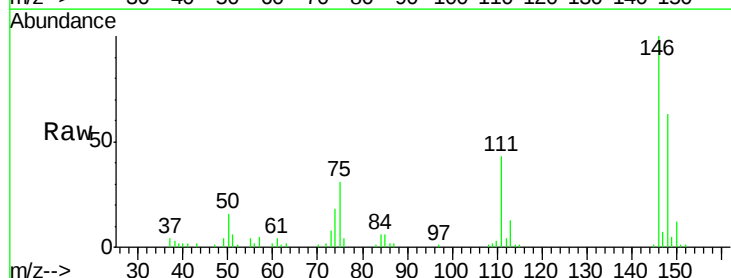
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 84345
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.5 77.3
 111 42.7 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 31.84 ng
 RT: 8.04 min Scan# 626
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:146 Resp: 82240
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.3 76.9
 111 42.6 34.5 51.7





#15

Benzyl Alcohol

Concen: 34.00 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampled :

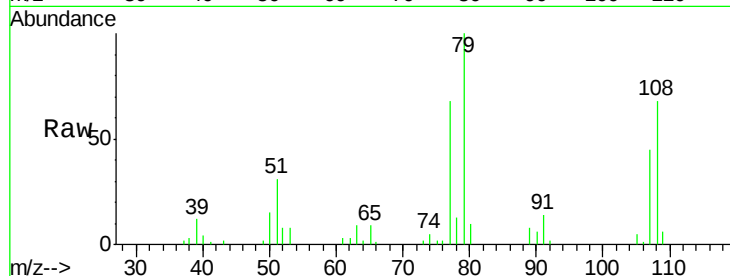
Tot Ion: 79 Resp: 69946

Ion Ratio Lower Upper

79 100

108 68.4 57.2 85.8

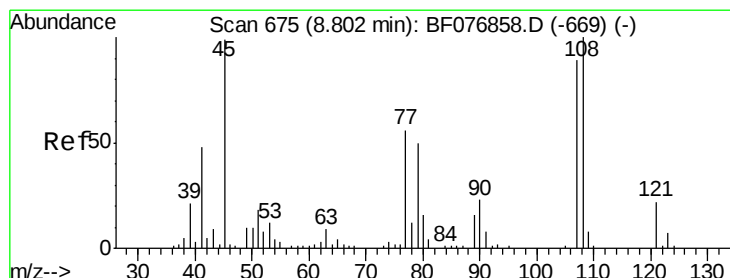
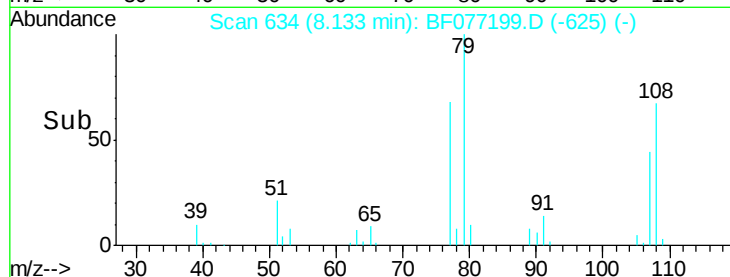
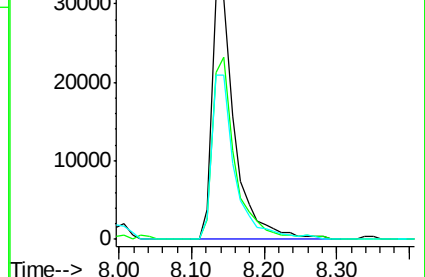
77 67.7 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.58 ng

RT: 8.49 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

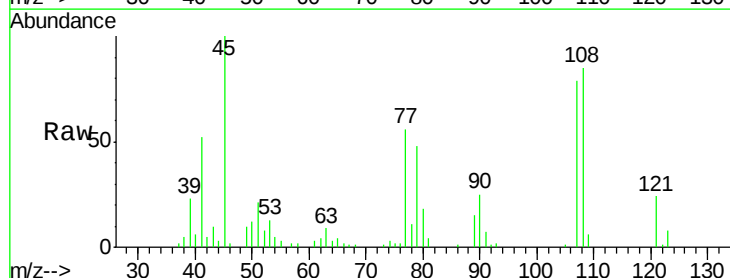
Tgt Ion: 45 Resp: 98176

Ion Ratio Lower Upper

45 100

77 55.9 36.1 76.1

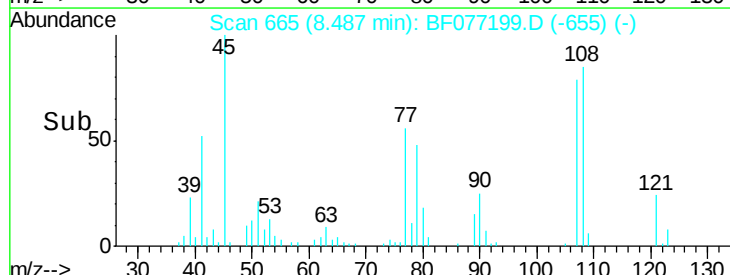
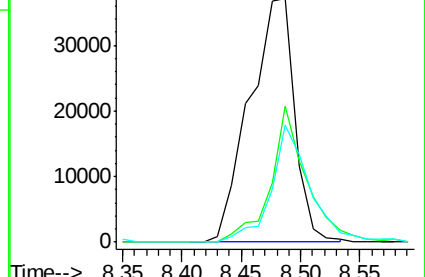
79 47.8 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

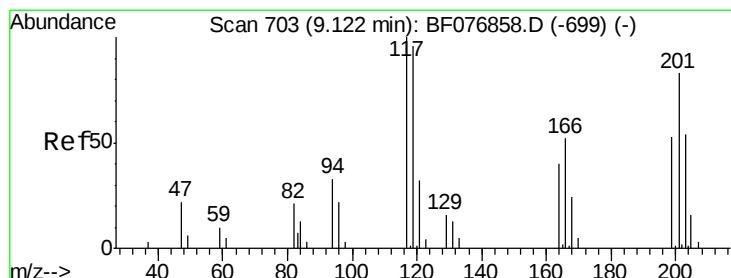
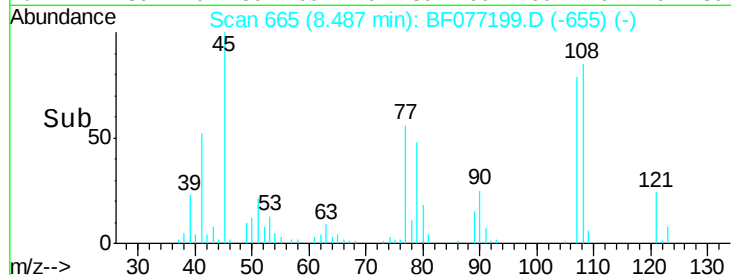
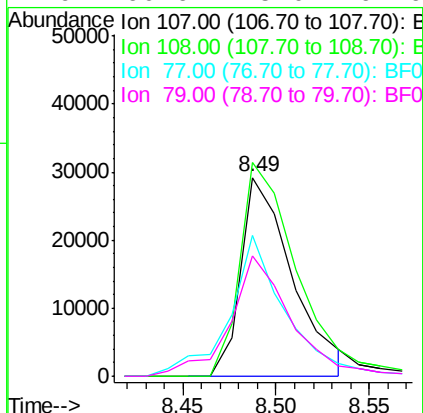
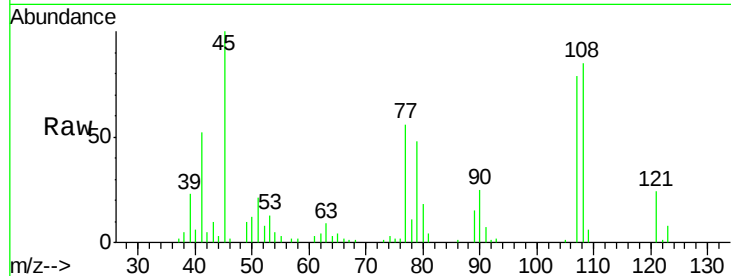




#17
2-Methylphenol
Concen: 29.57 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

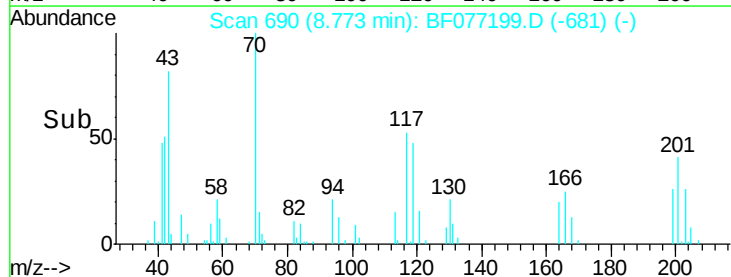
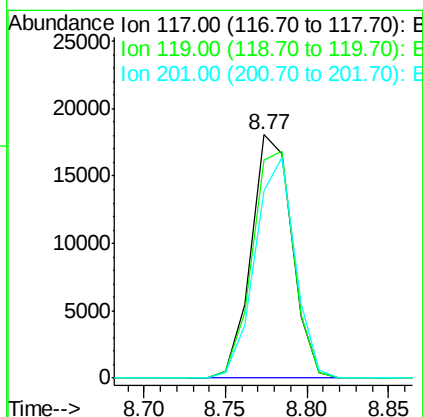
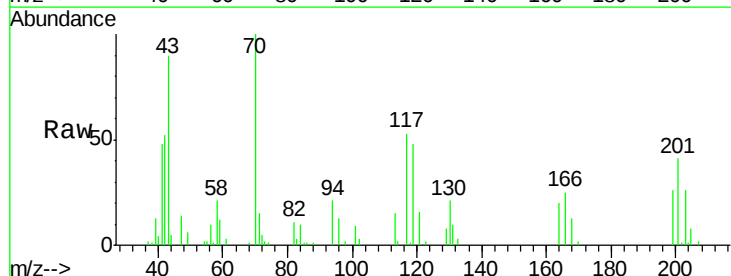
Instrument :
BNA_F
ClientSampleId :

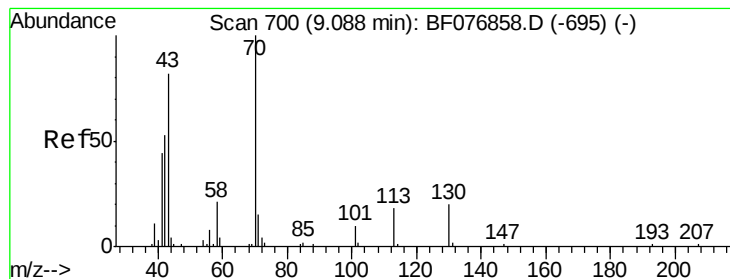
Tot Ion:107 Resp: 56145
Ion Ratio Lower Upper
107 100
108 107.3 89.7 134.5
77 71.0 50.1 75.1
79 60.6 45.0 67.6



#18
Hexachloroethane
Concen: 32.22 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:117 Resp: 31410
Ion Ratio Lower Upper
117 100
119 89.8 77.1 115.7
201 76.9 66.8 100.2





#19

n-Nitroso-di-n-propylamine

Concen: 31.95 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 56860

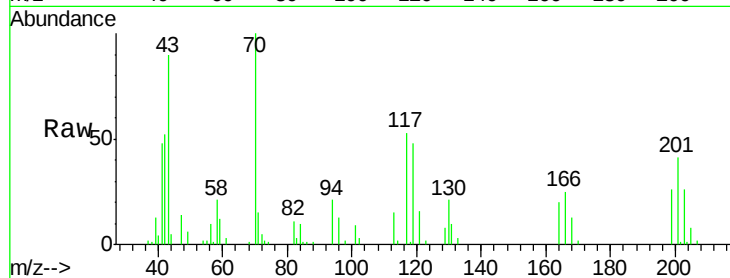
Ion Ratio Lower Upper

70 100

42 52.1 42.1 63.1

101 9.4 7.8 11.8

130 21.3 16.2 24.4



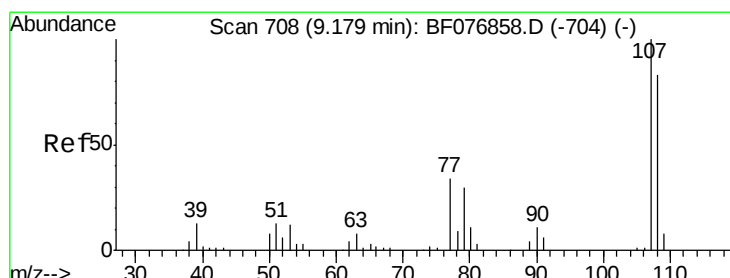
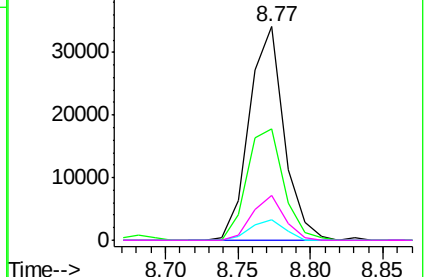
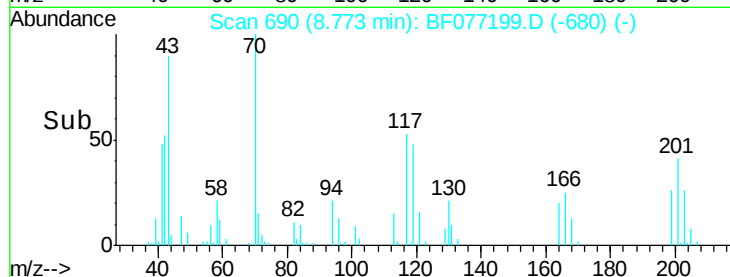
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 23.07 ng

RT: 8.89 min Scan# 700

Delta R.T. 0.02 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Tgt Ion:107 Resp: 58000

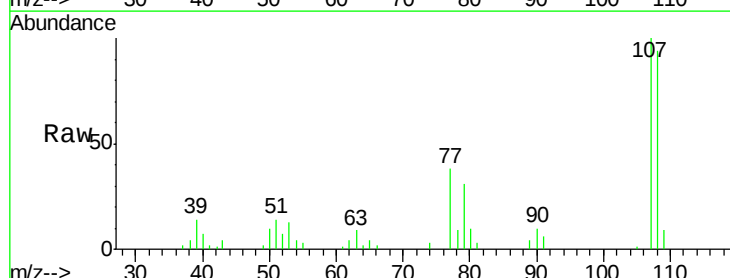
Ion Ratio Lower Upper

107 100

108 94.1 63.5 103.5

77 38.5 14.0 54.0

79 31.4 9.9 49.9



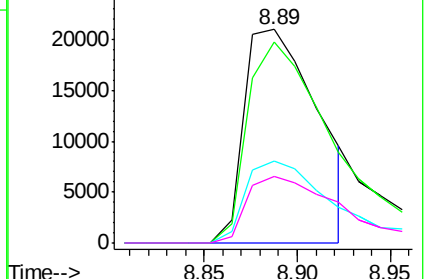
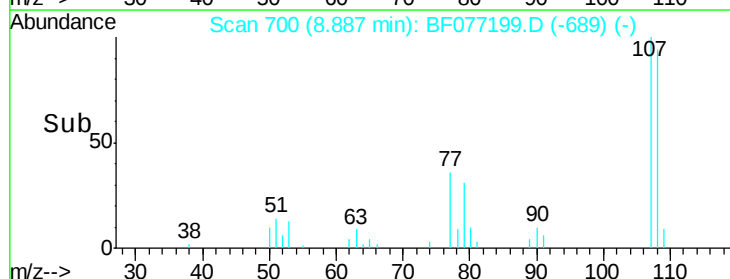
Abundance Ion 107.00 (106.70 to 107.70): BF0

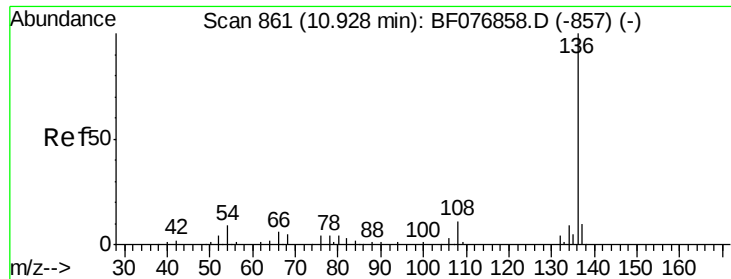
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

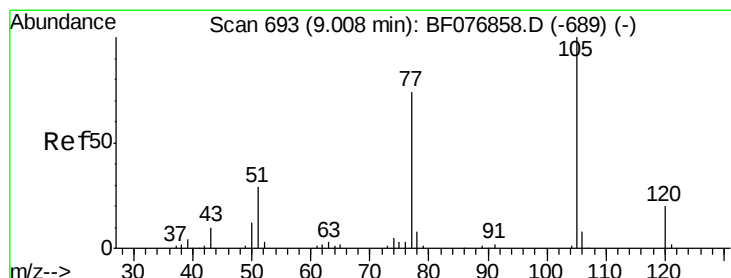
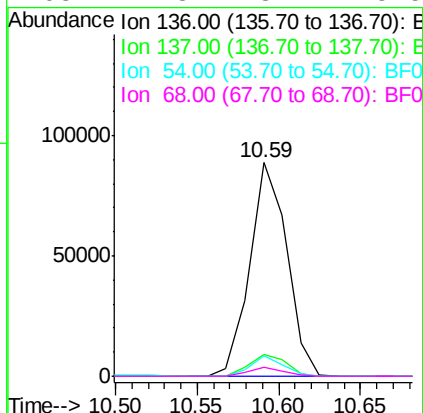
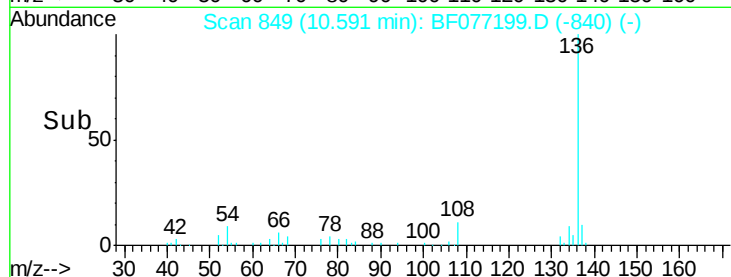
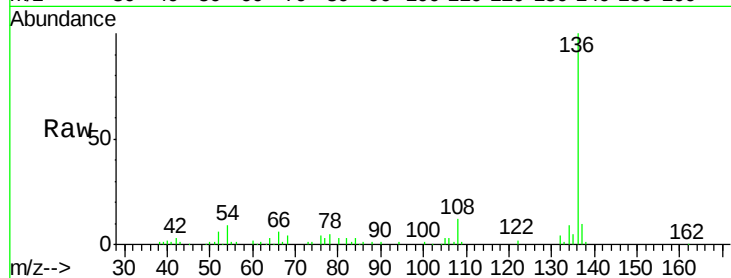




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

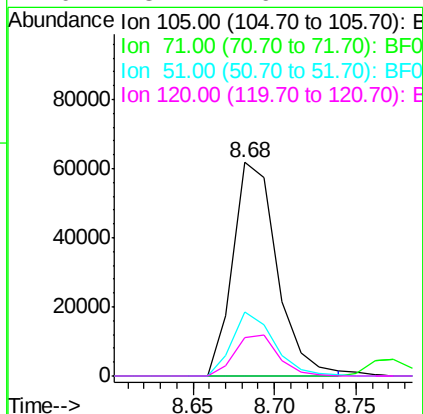
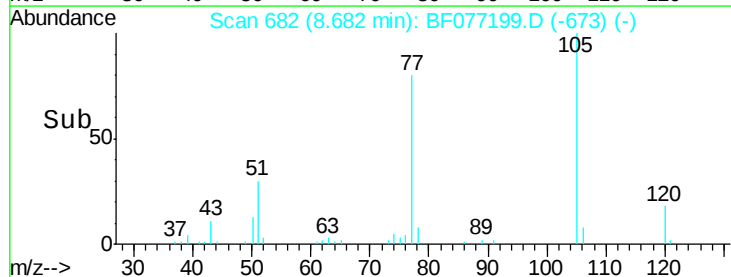
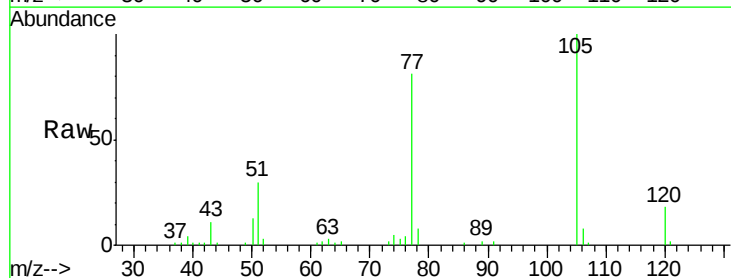
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	140551
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.1	12.1
54 9.4	7.0	10.4
68 4.3	3.7	5.5



#22
Acetophenone
Concen: 33.60 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt	Ion:105	Resp:	115682
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	30.1	23.3	34.9
120	18.2	16.1	24.1

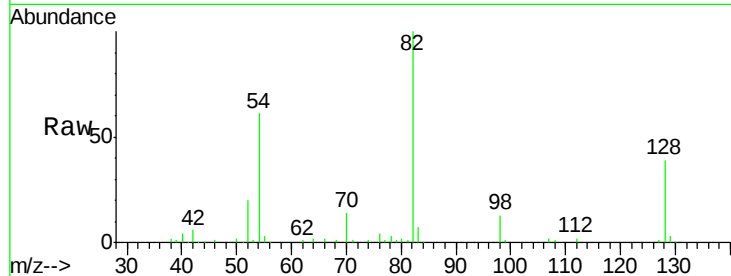




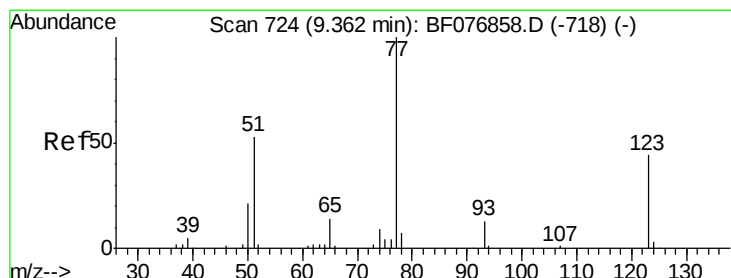
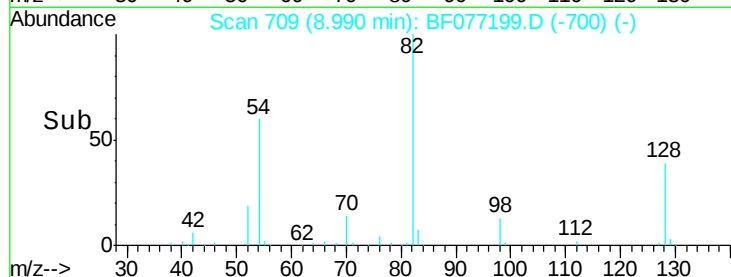
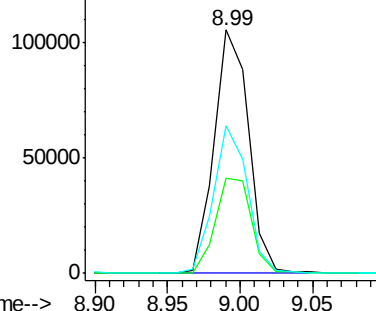
#23
 Nitrobenzene-d5
 Concen: 68.75 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 174404
 Ion Ratio Lower Upper
 82 100
 128 38.9 33.1 49.7
 54 60.7 48.3 72.5

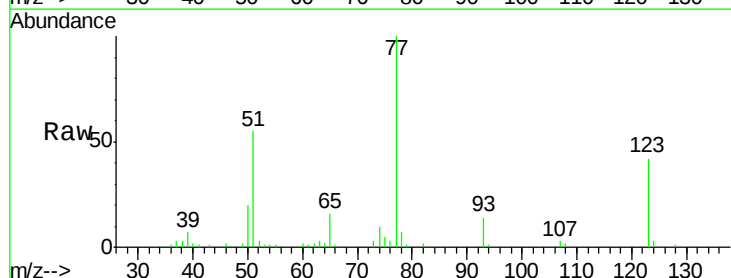


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

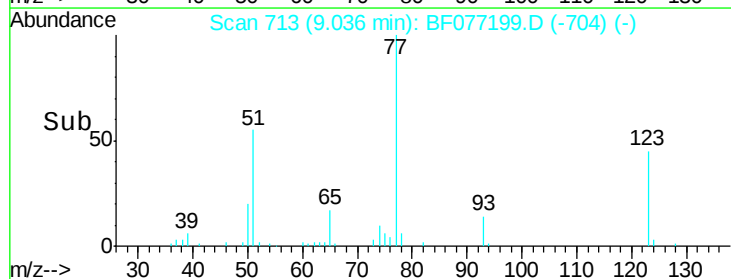
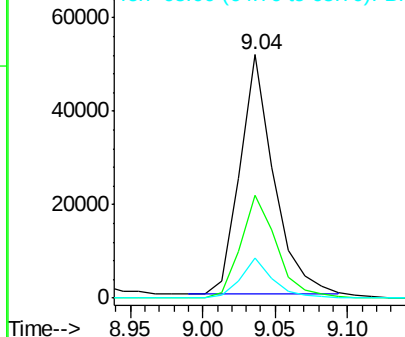


#24
 Nitrobenzene
 Concen: 31.84 ng
 RT: 9.04 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion: 77 Resp: 82295
 Ion Ratio Lower Upper
 77 100
 123 42.5 35.2 52.8
 65 16.3 11.4 17.2



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





#25

Isophorone

Concen: 32.59 ng

RT: 9.64 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

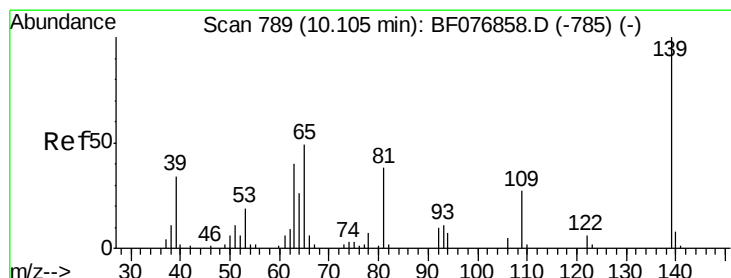
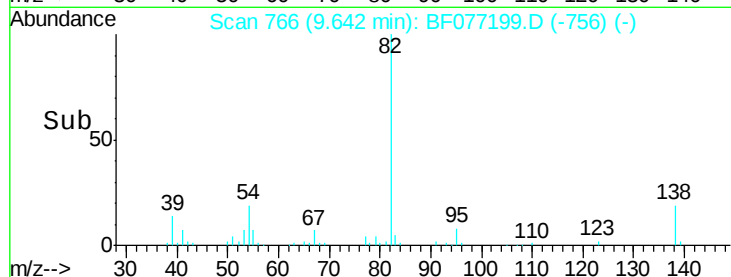
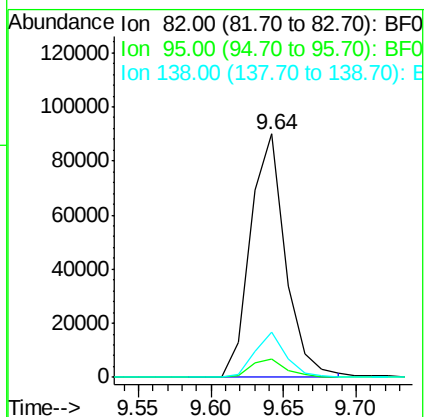
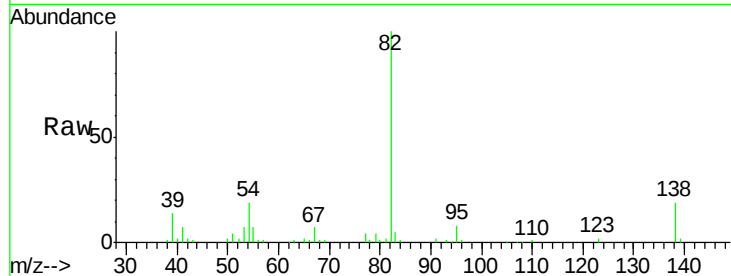
Tot Ion: 82 Resp: 150586

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

138 18.5 12.6 18.8



#26

2-Nitrophenol

Concen: 30.55 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

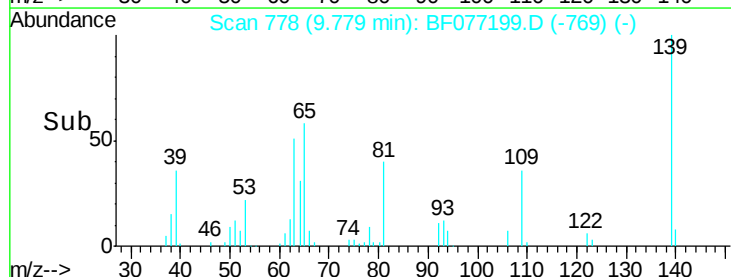
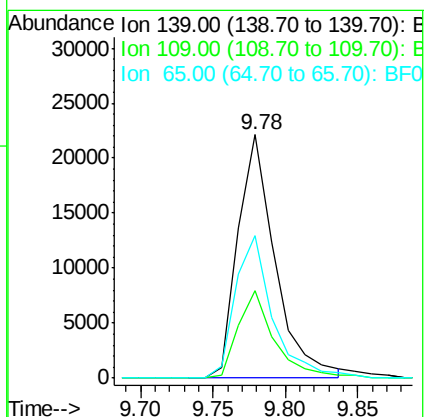
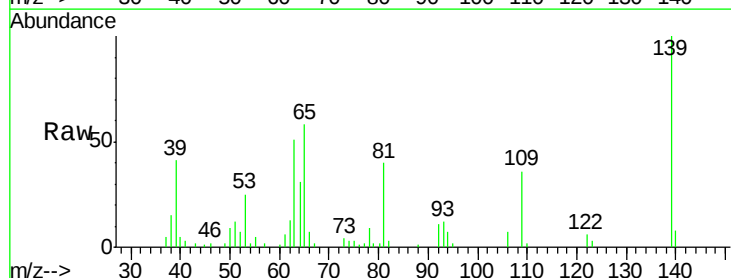
Tgt Ion: 139 Resp: 39546

Ion Ratio Lower Upper

139 100

109 35.7 21.3 31.9#

65 58.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 33.71 ng

RT: 10.06 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

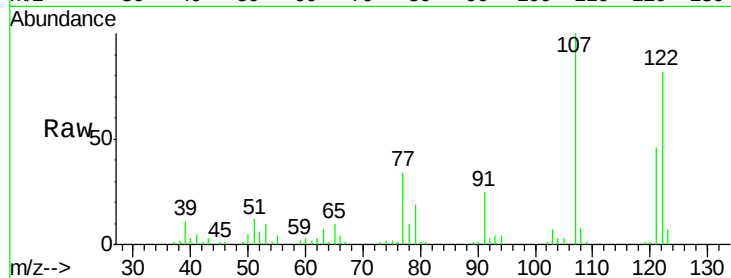
Tot Ion:122 Resp: 67370

Ion Ratio Lower Upper

122 100

107 121.8 95.2 142.8

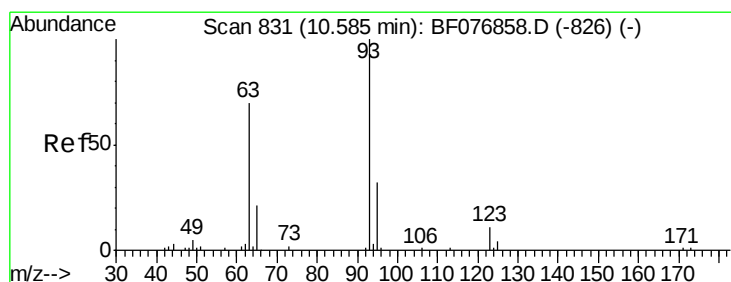
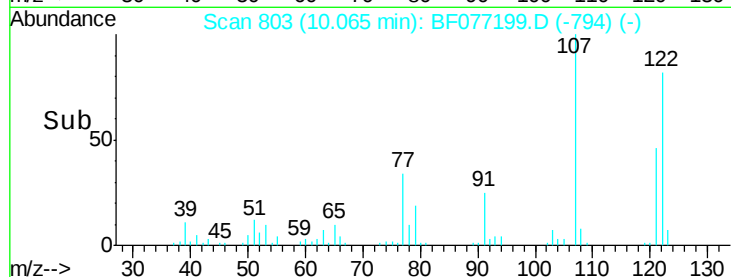
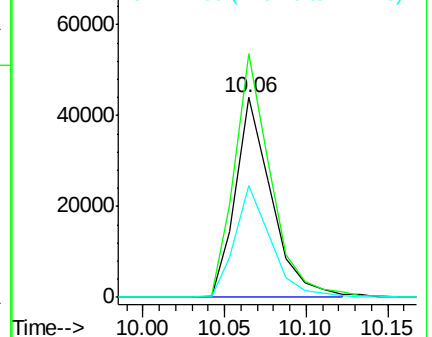
121 55.7 42.9 64.3



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: 35.15 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

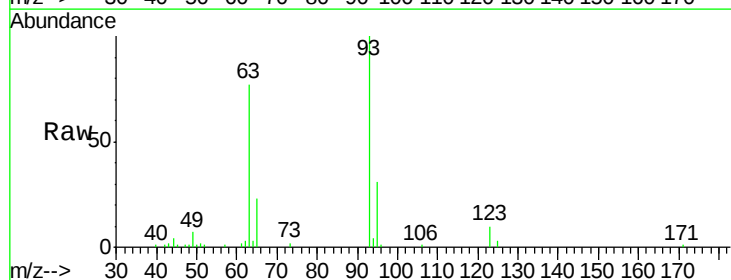
Tgt Ion: 93 Resp: 92299

Ion Ratio Lower Upper

93 100

95 30.6 25.6 38.4

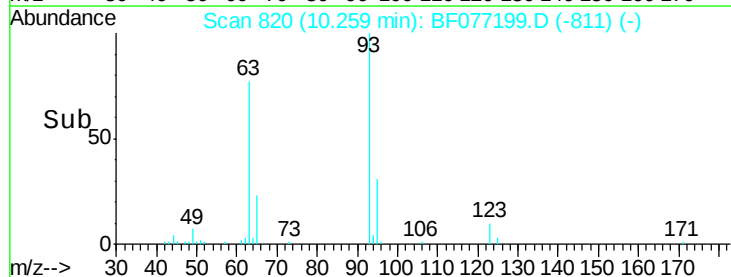
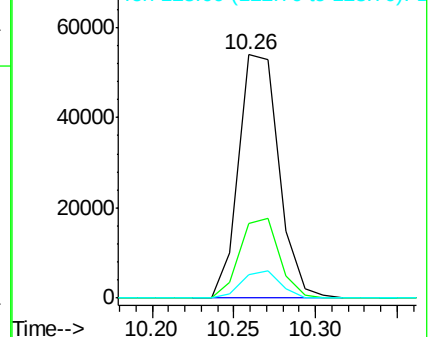
123 9.8 8.9 13.3

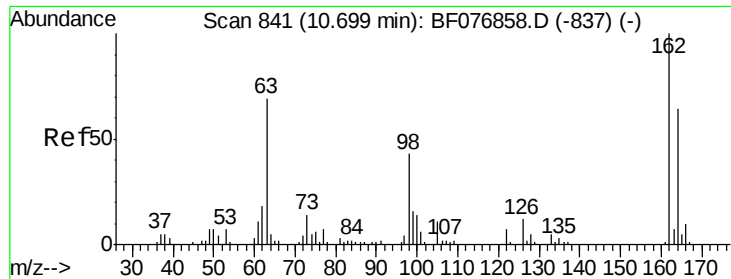


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

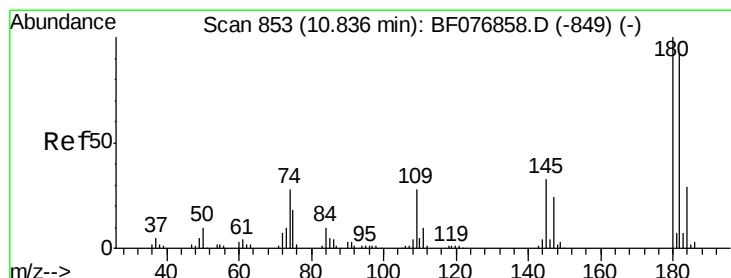
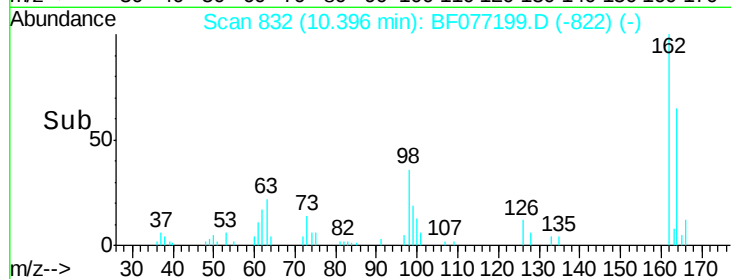
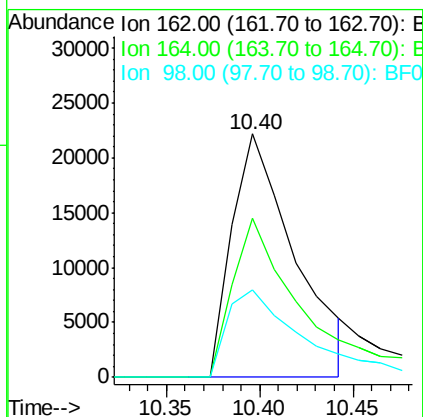
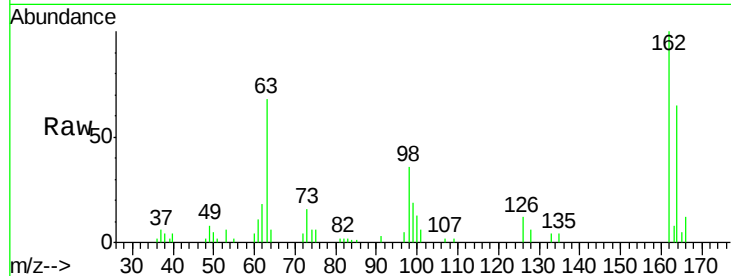




#29
 2,4-Dichlorophenol
 Concen: 27.95 ng
 RT: 10.40 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

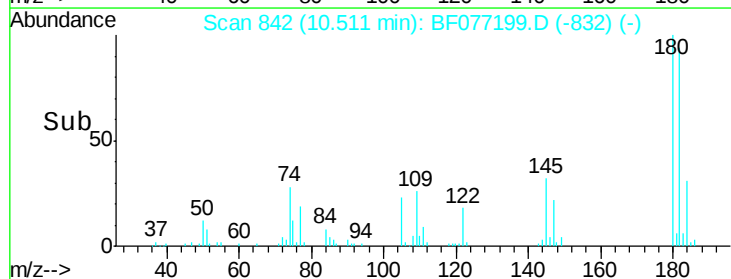
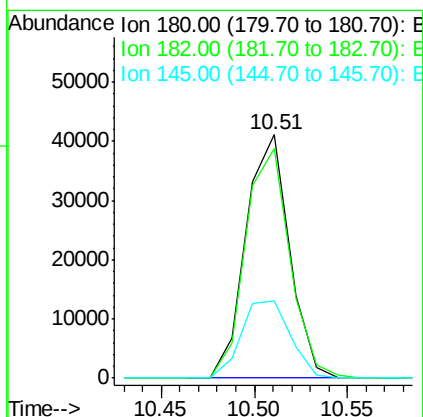
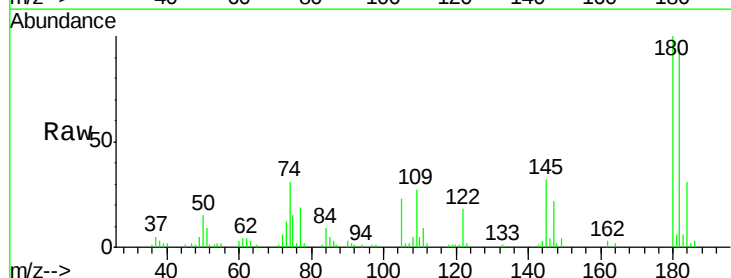
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 52063
 Ion Ratio Lower Upper
 162 100
 164 65.5 43.8 83.8
 98 36.2 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 32.05 ng
 RT: 10.51 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:180 Resp: 66299
 Ion Ratio Lower Upper
 180 100
 182 94.5 73.6 110.4
 145 31.8 26.6 39.8

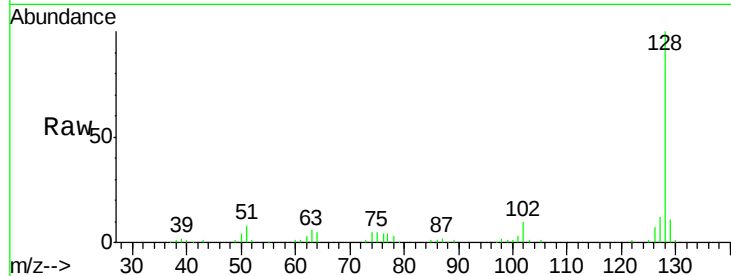




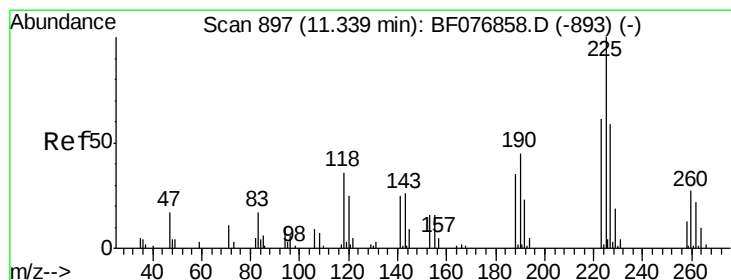
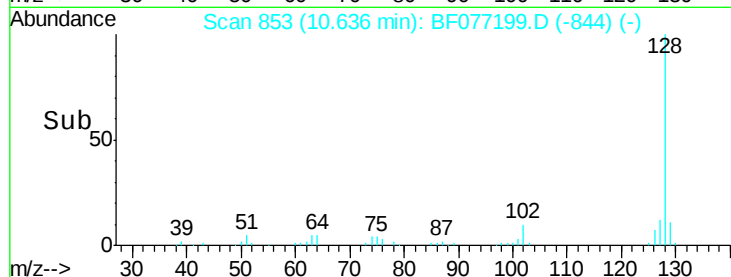
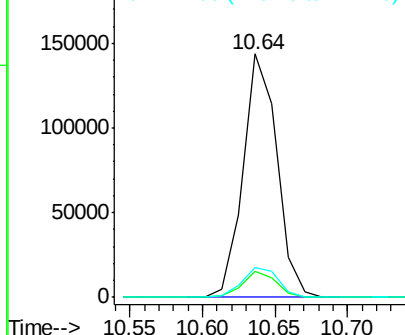
#31
Naphthalene
Concen: 32.10 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 232280
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.5 10.2 15.2

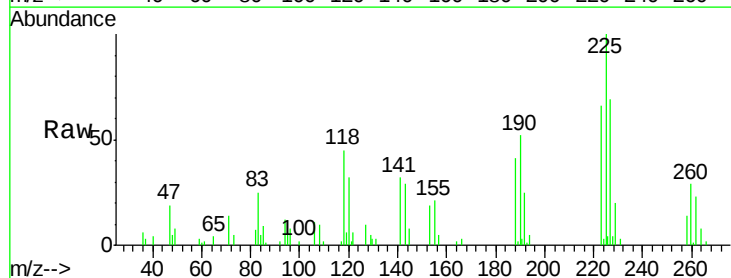


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

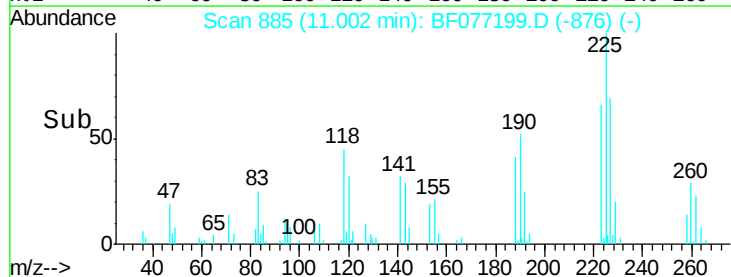
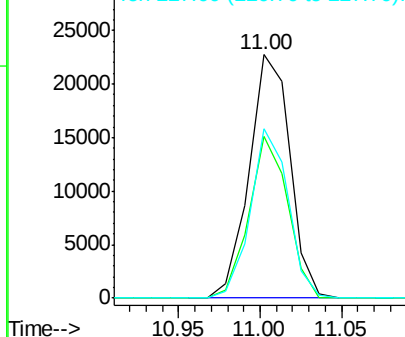


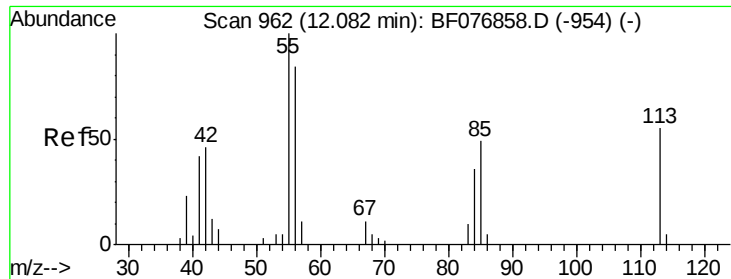
#34
Hexachlorobutadiene
Concen: 32.22 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:225 Resp: 39556
Ion Ratio Lower Upper
225 100
223 66.3 49.1 73.7
227 69.4 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

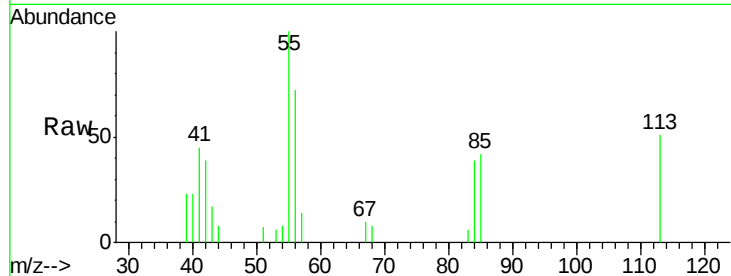




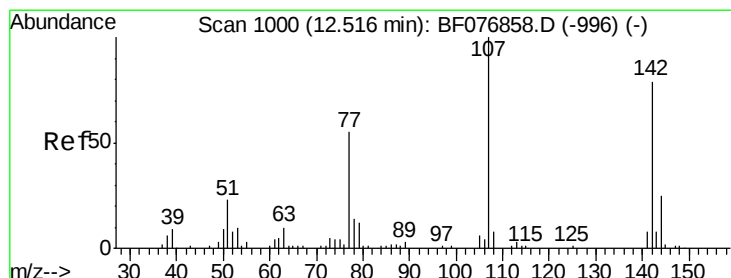
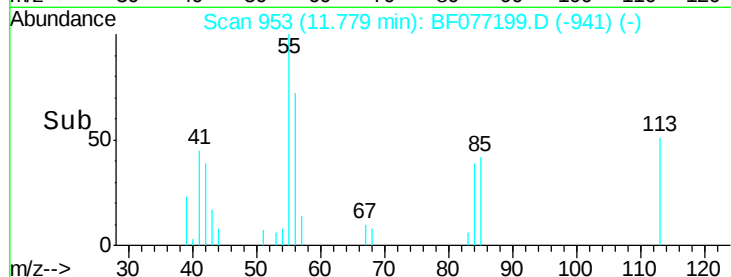
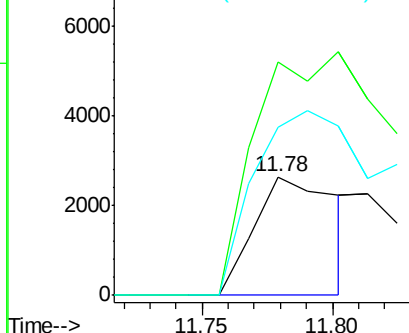
#35
Caprolactam
Concen: 10.61 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.03 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 5816
Ion Ratio Lower Upper
113 100
55 196.9 162.1 202.1
56 142.0 133.7 173.7

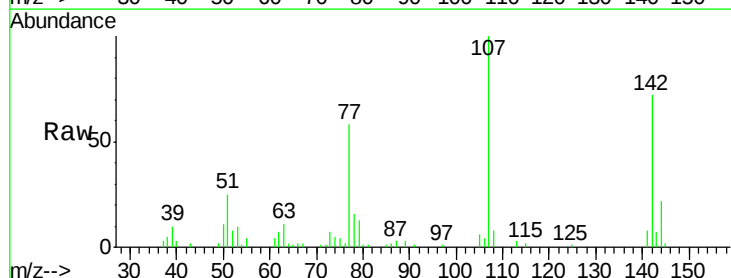


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

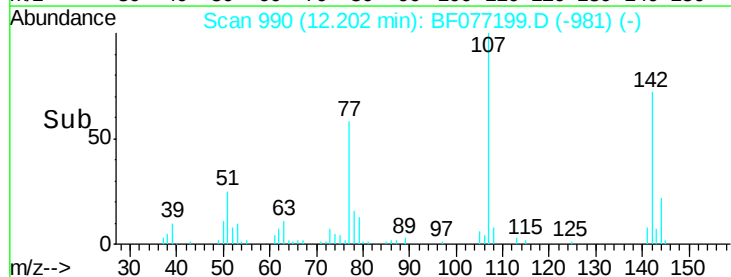
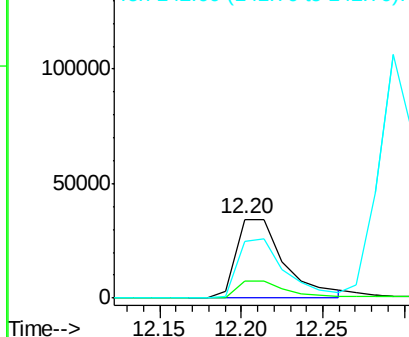


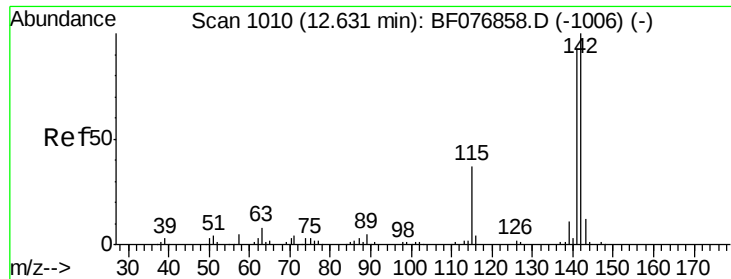
#36
4-Chloro-3-methylphenol
Concen: 33.13 ng
RT: 12.20 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:107 Resp: 70651
Ion Ratio Lower Upper
107 100
144 21.9 20.0 30.0
142 71.7 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

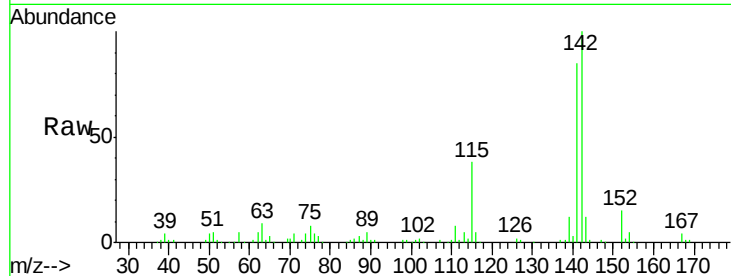




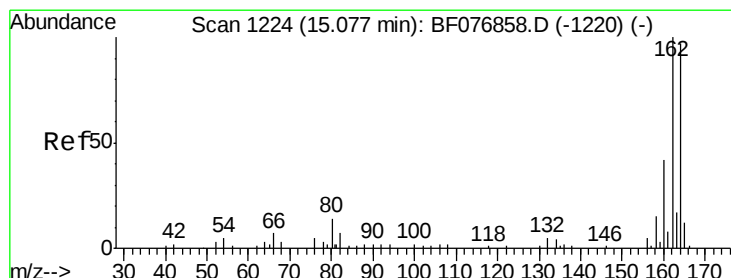
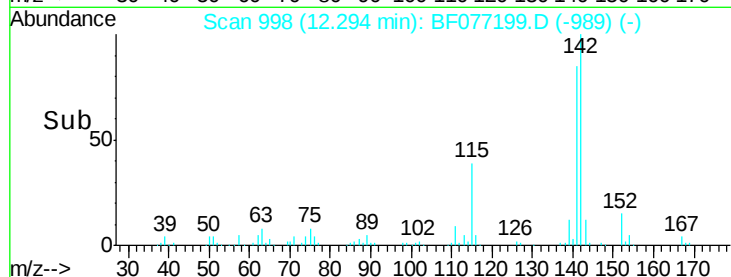
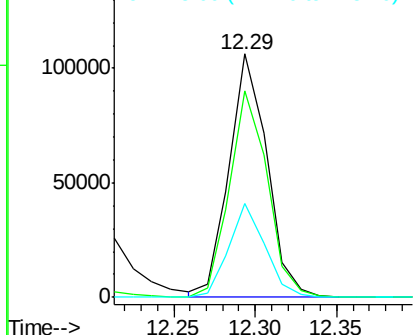
#37
2-Methylnaphthalene
Concen: 34.16 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 168825
Ion Ratio Lower Upper
142 100
141 84.7 74.5 111.7
115 38.4 29.7 44.5

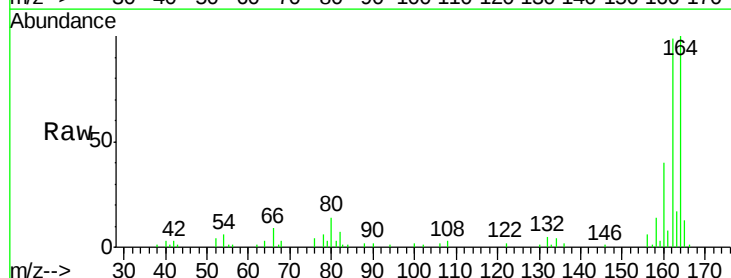


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

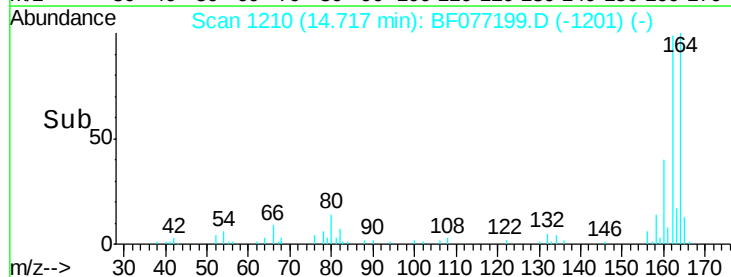
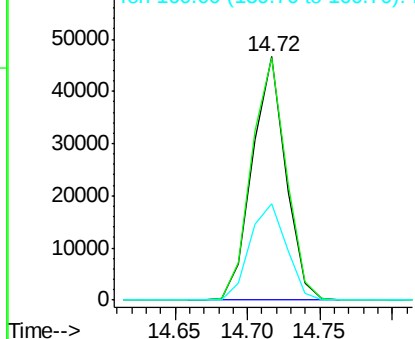


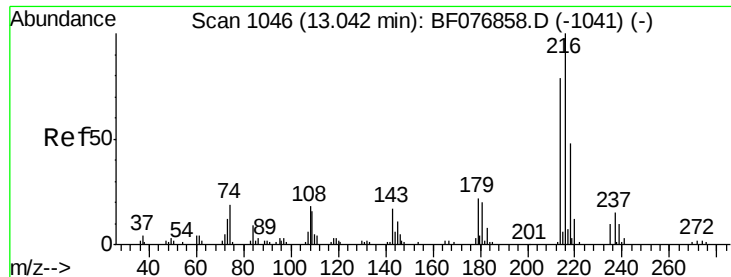
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:164 Resp: 74709
Ion Ratio Lower Upper
164 100
162 99.4 82.4 123.6
160 39.6 34.8 52.2



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

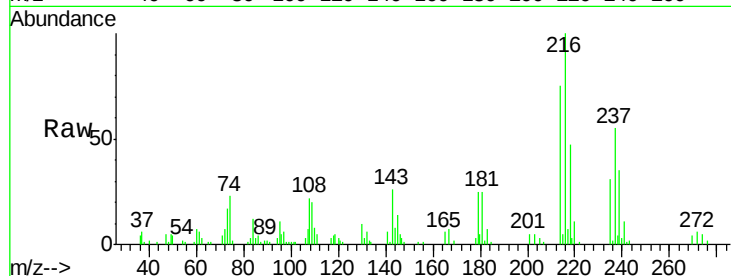




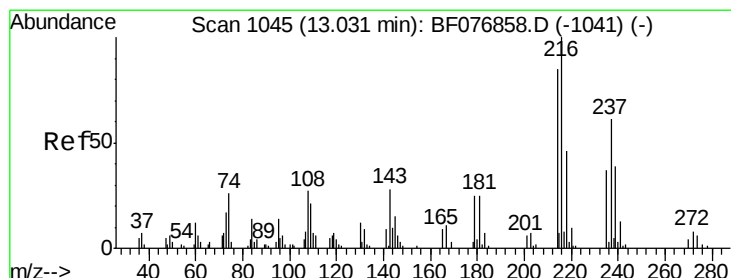
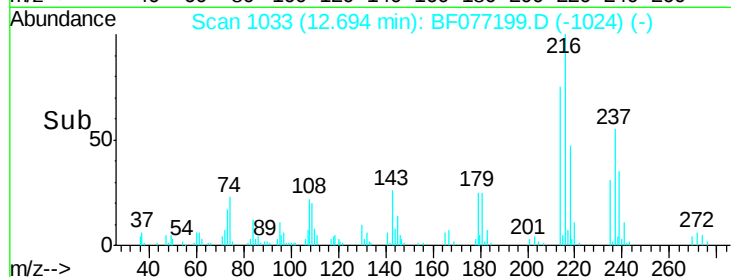
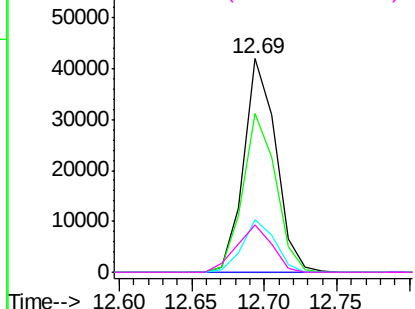
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.06 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 64763
 Ion Ratio Lower Upper
 216 100
 214 75.8 64.9 97.3
 179 24.8 18.6 28.0
 108 24.3 18.1 27.1

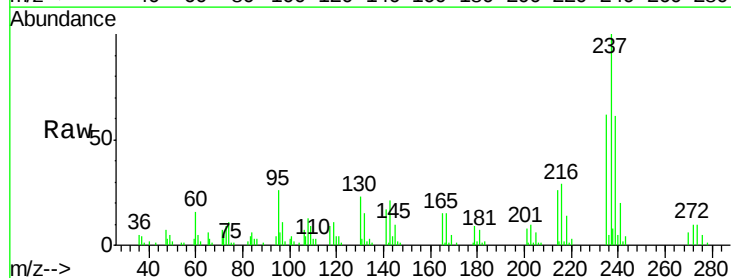


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

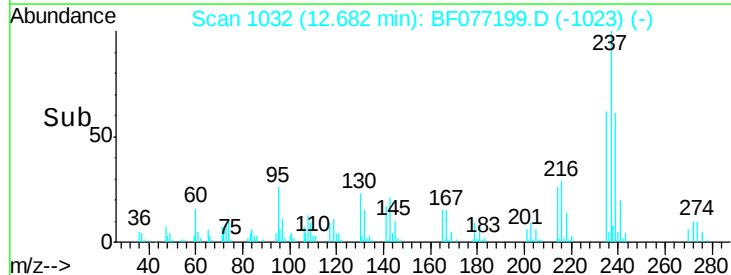
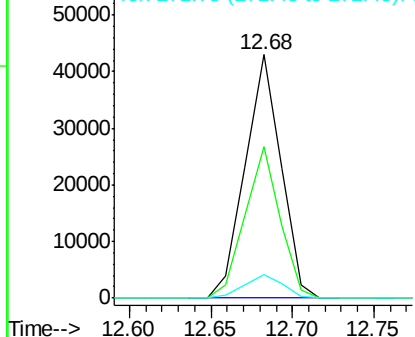


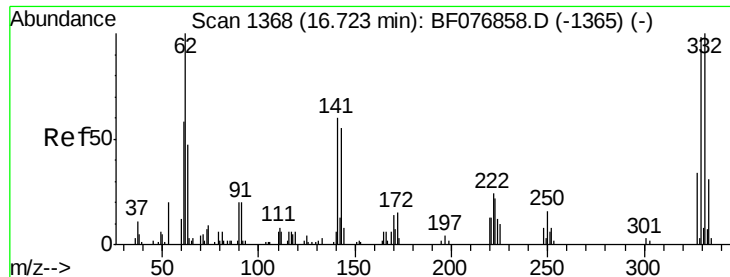
#40
 Hexachlorocyclopentadiene
 Concen: 66.54 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:237 Resp: 65354
 Ion Ratio Lower Upper
 237 100
 235 62.5 40.4 80.4
 272 9.8 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

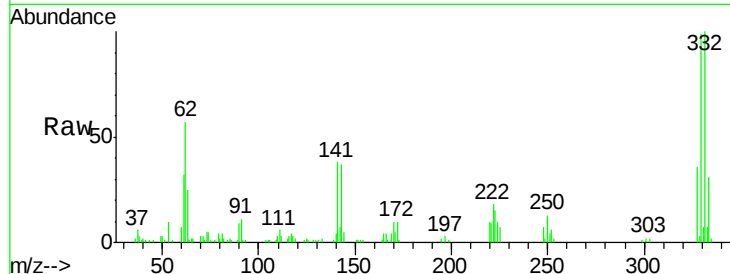




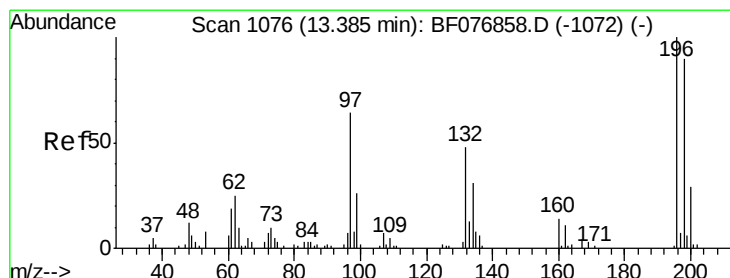
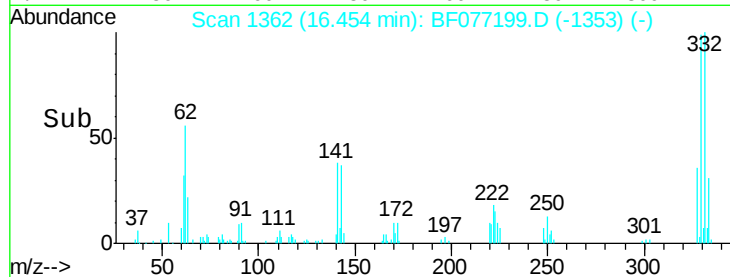
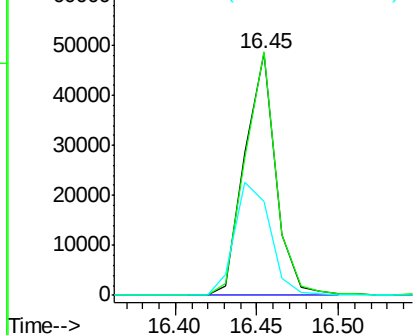
#41
 2,4,6-Tribromophenol
 Concen: 106.49 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 64577
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.8 116.6
 141 52.8 38.5 57.7

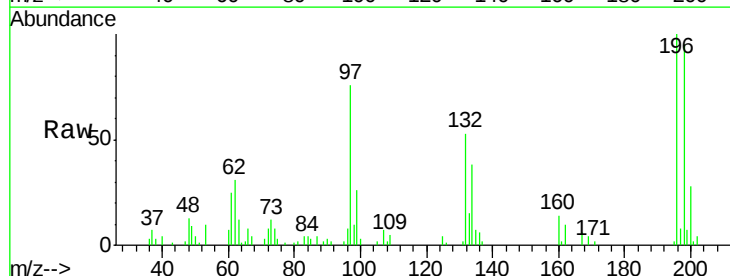


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

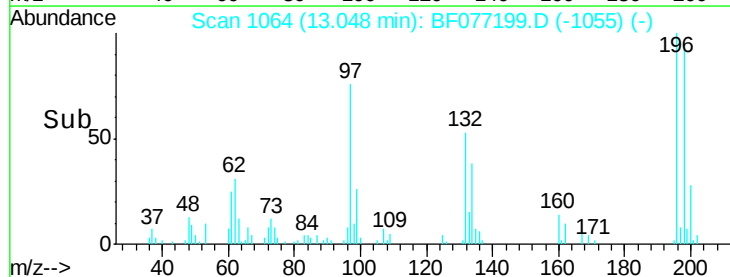
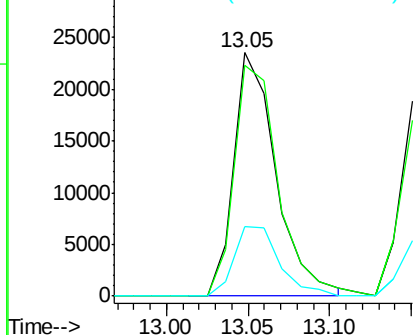


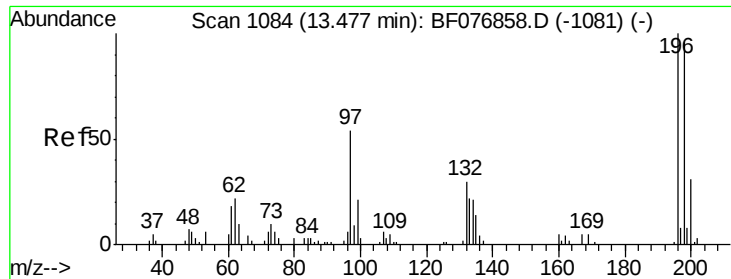
#42
 2,4,6-Trichlorophenol
 Concen: 31.26 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:196 Resp: 42073
 Ion Ratio Lower Upper
 196 100
 198 95.0 72.0 108.0
 200 28.3 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

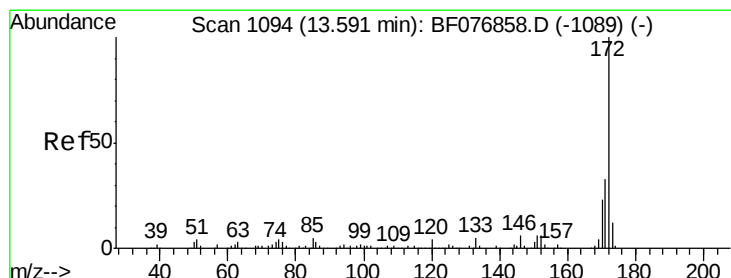
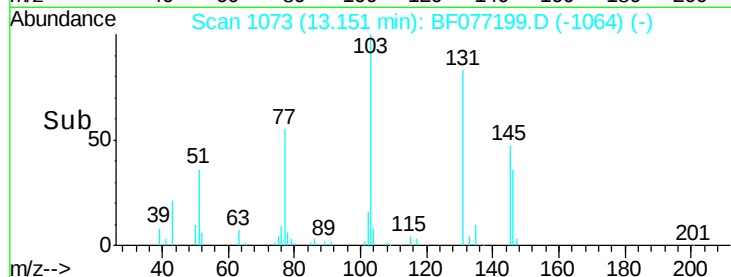
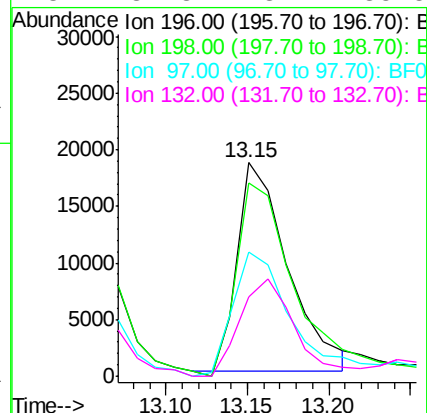
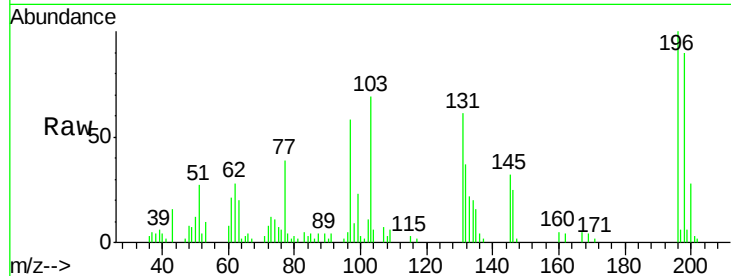




#43
 2,4,5-Trichlorophenol
 Concen: 28.96 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

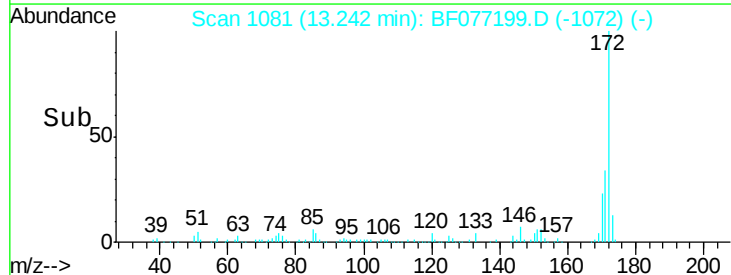
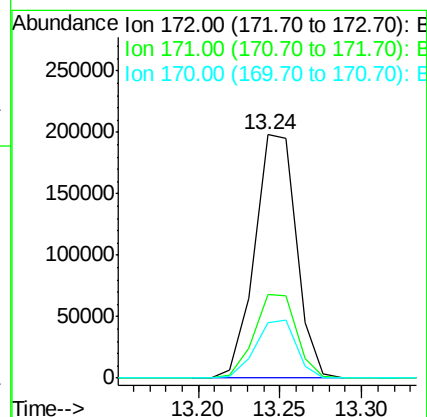
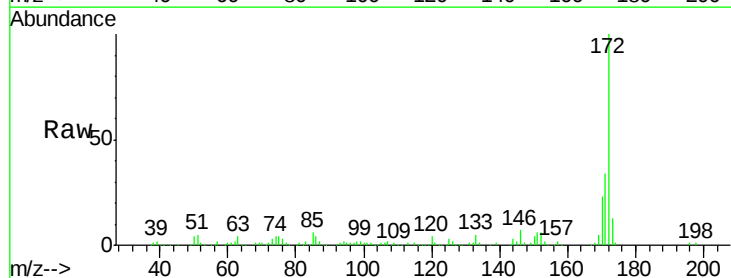
Instrument :
 BNA_F
 ClientSampled :

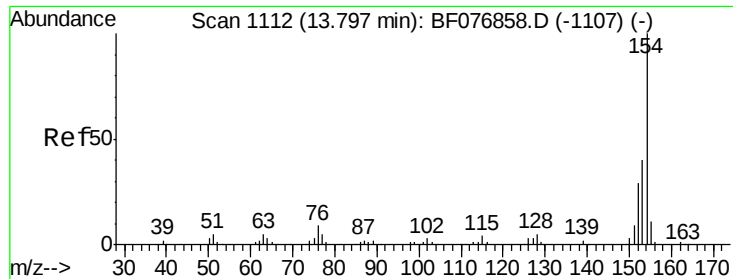
Tot Ion:196 Resp: 39749
 Ion Ratio Lower Upper
 196 100
 198 90.2 76.6 115.0
 97 58.1 43.4 65.0
 132 37.3 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 71.64 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:172 Resp: 351684
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 22.9 18.0 27.0

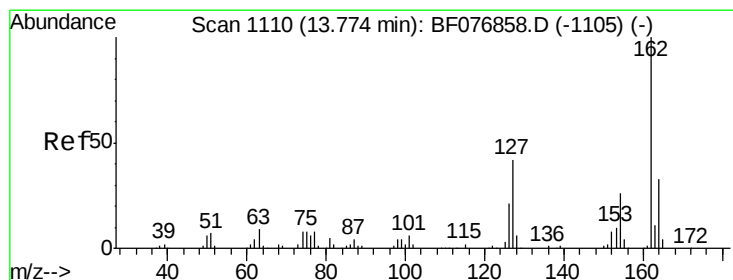
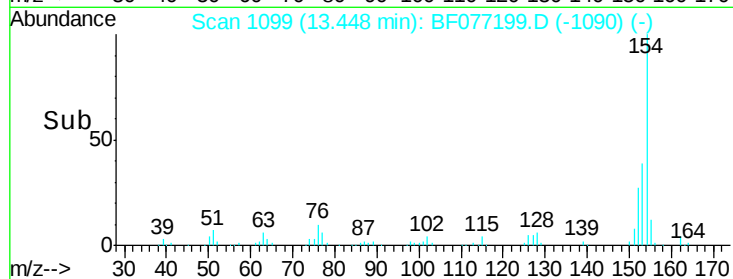
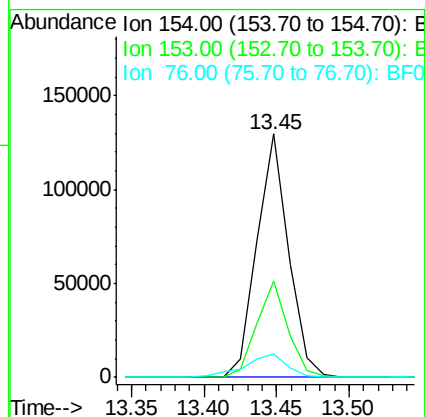
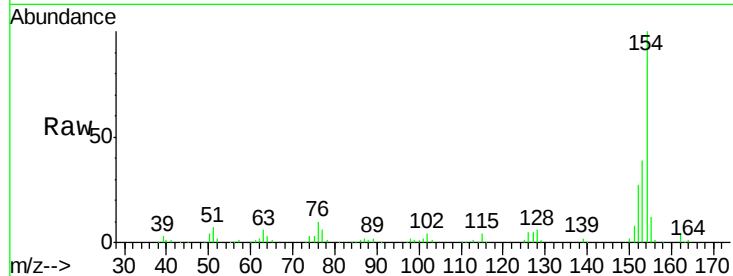




#45
 1,1'-Biphenyl
 Concen: 35.32 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

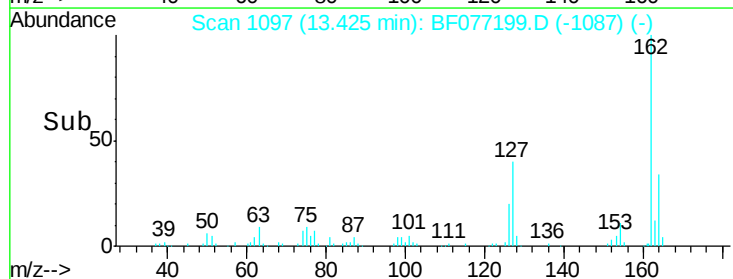
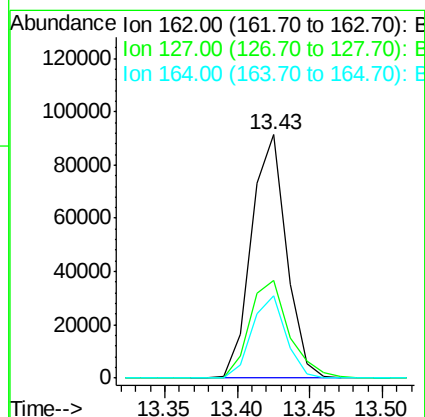
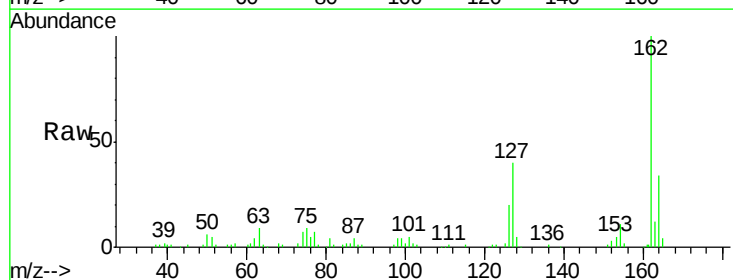
Instrument :
 BNA_F
 ClientSampleId :

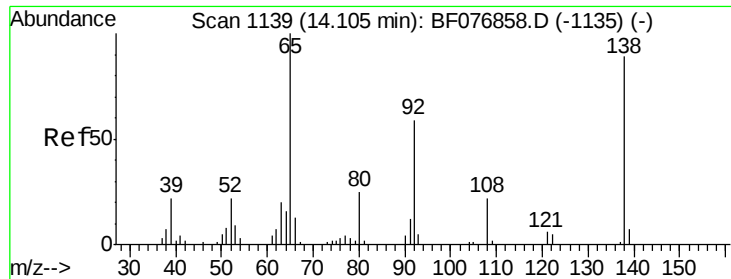
Tot Ion:154 Resp: 195614
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.2 60.2
 76 9.8 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 33.60 ng
 RT: 13.43 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:162 Resp: 153152
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.8 50.6
 164 33.8 26.8 40.2

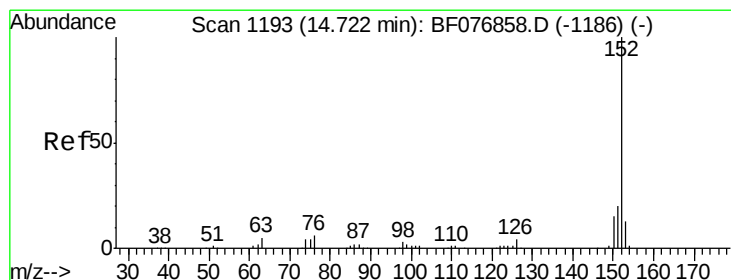
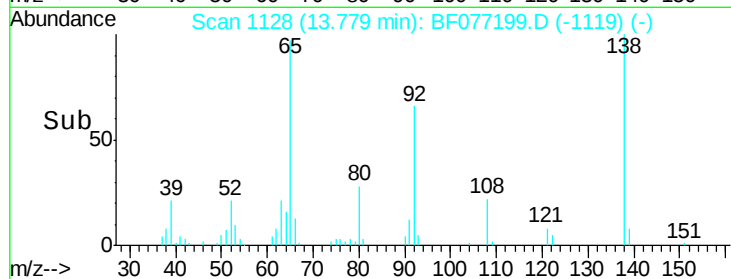
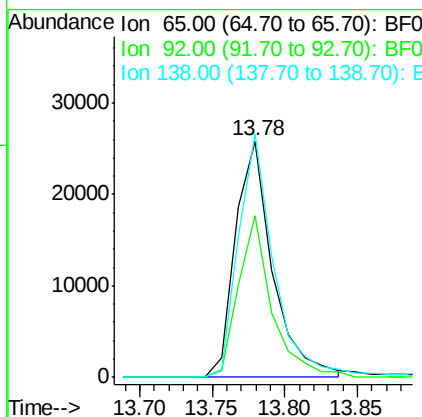
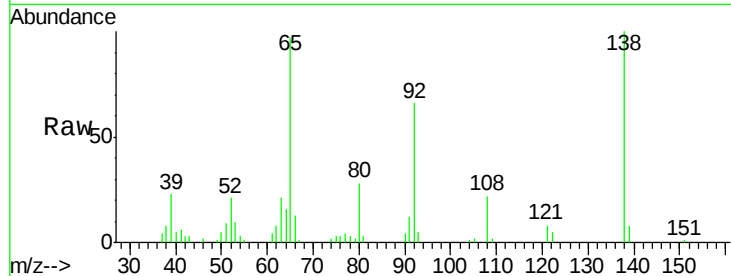




#47
2-Nitroaniline
Concen: 33.28 ng
RT: 13.78 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

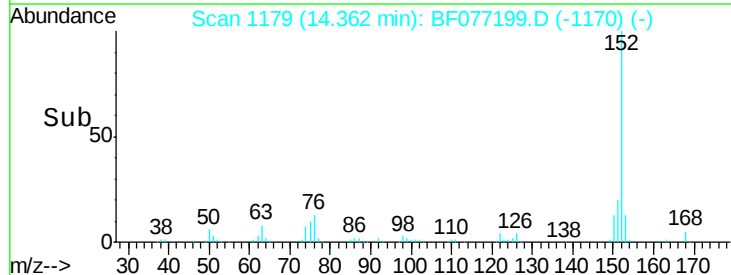
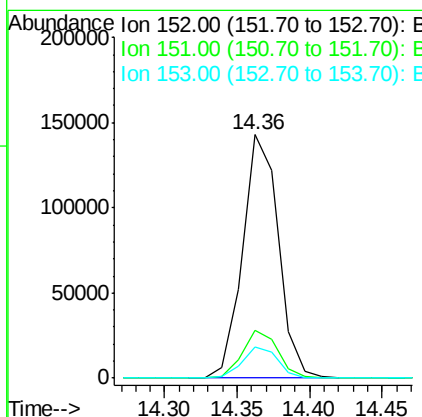
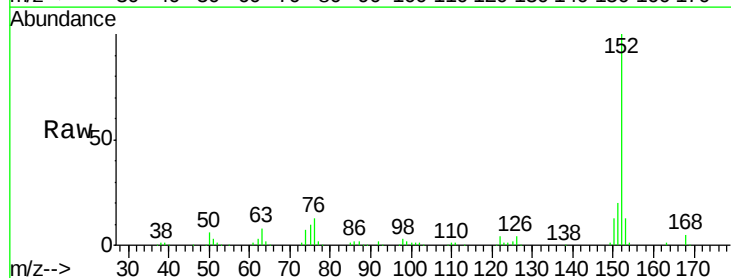
Instrument :
BNA_F
ClientSampleId :

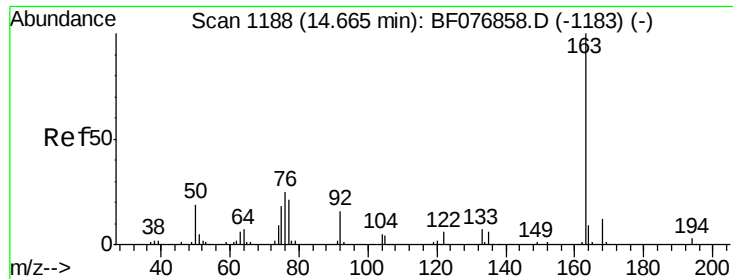
Tot Ion: 65 Resp: 46010
Ion Ratio Lower Upper
65 100
92 68.3 47.3 70.9
138 103.1 71.4 107.2



#48
Acenaphthylene
Concen: 31.76 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion: 152 Resp: 244196
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 10.2 15.4

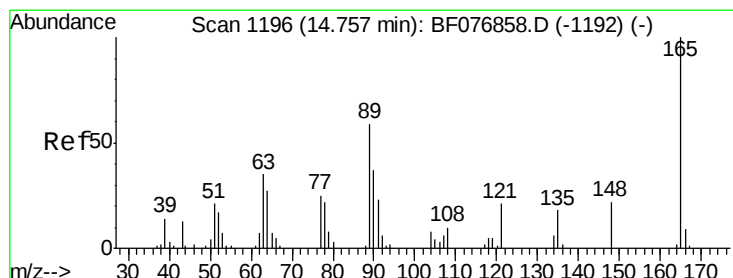
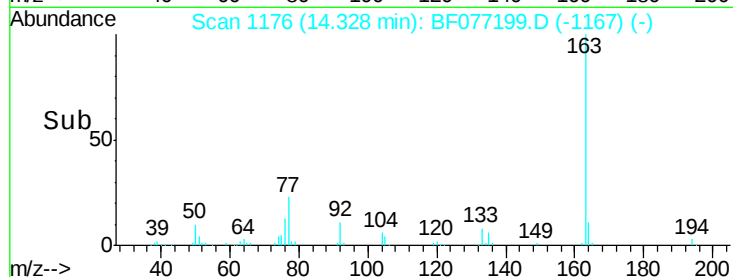
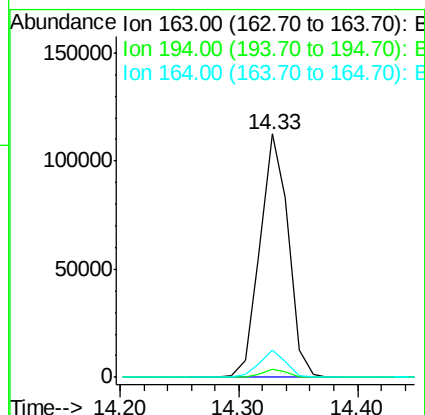
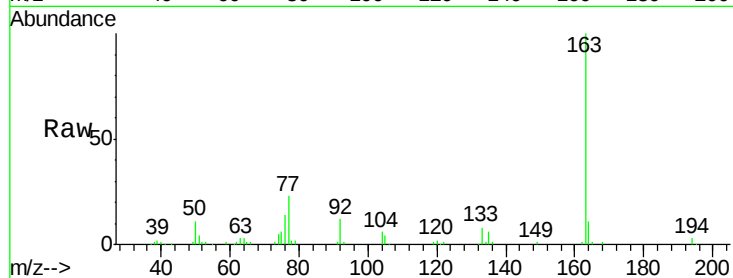




#49
Dimethylphthalate
Concen: 35.48 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

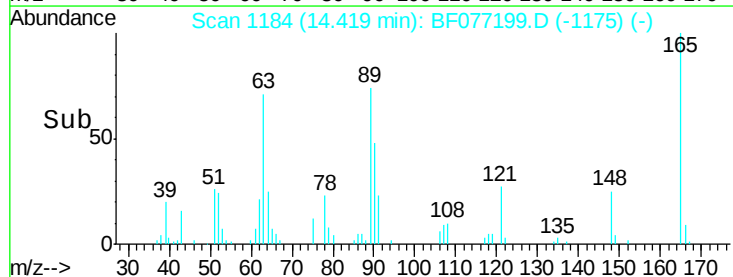
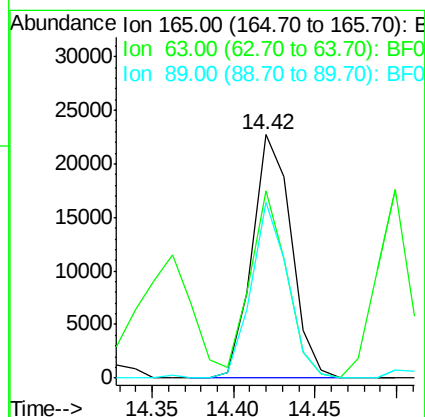
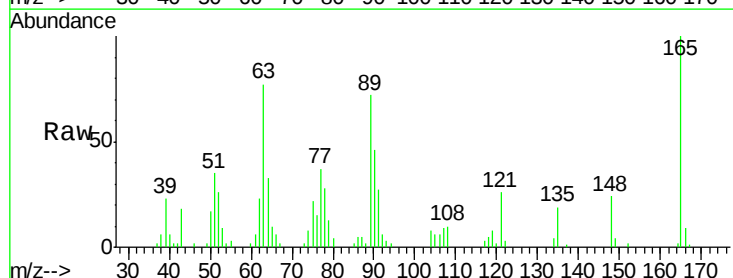
Instrument :
BNA_F
ClientSampleId :

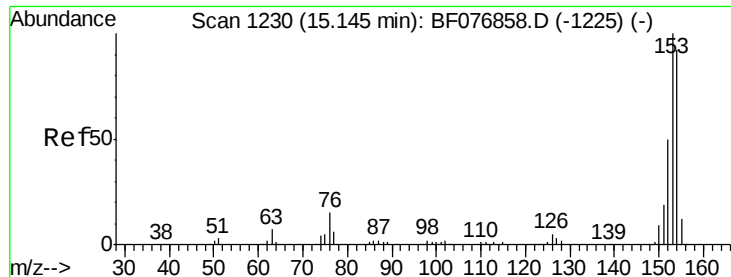
Tot Ion:163 Resp: 188005
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.1 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 35.70 ng
RT: 14.42 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:165 Resp: 37785
Ion Ratio Lower Upper
165 100
63 77.1 48.1 72.1#
89 72.1 47.2 70.8#





#51

Acenaphthene

Concen: 31.73 ng

RT: 14.79 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

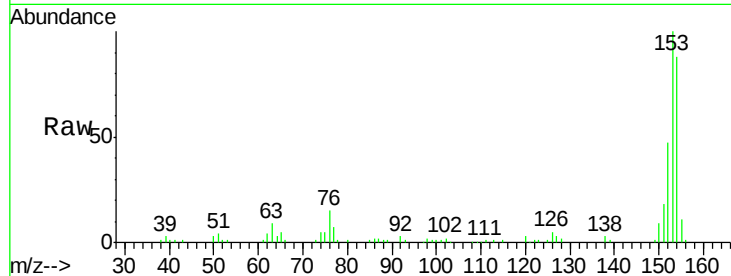
Tot Ion:154 Resp: 138406

Ion Ratio Lower Upper

154 100

153 114.0 87.0 130.6

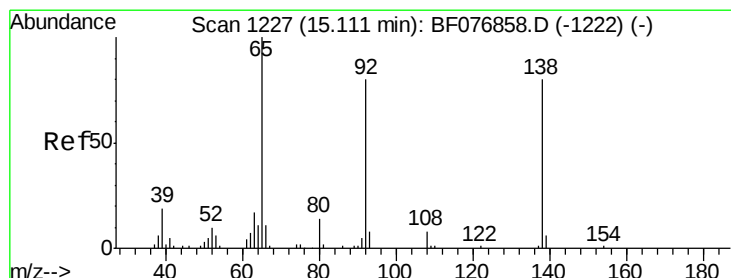
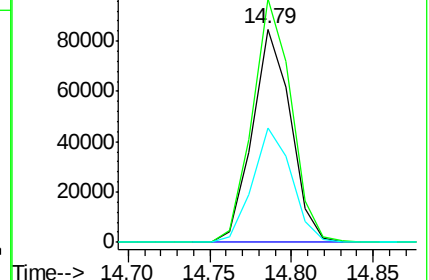
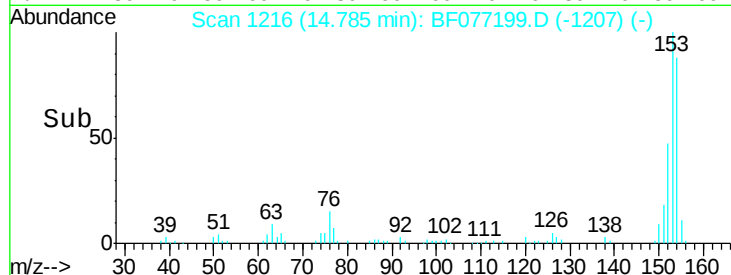
152 53.5 43.5 65.3



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: 6.37 ng

RT: 14.80 min Scan# 1217

Delta R.T. 0.02 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

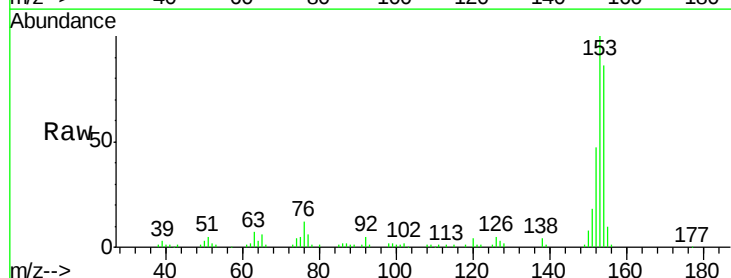
Tgt Ion:138 Resp: 6544

Ion Ratio Lower Upper

138 100

108 15.6 8.3 12.5#

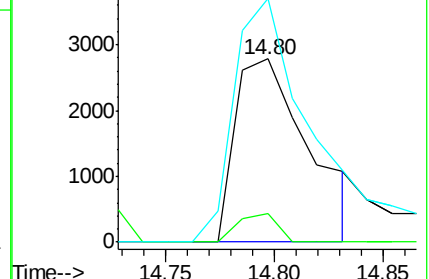
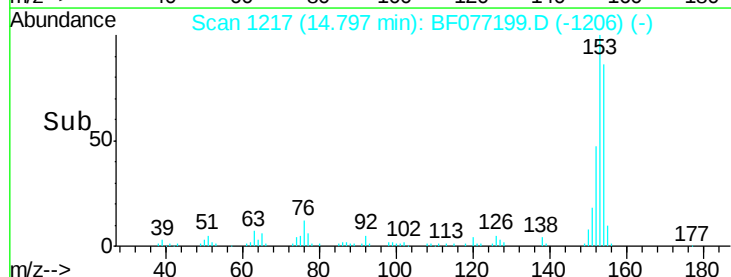
92 132.9 80.9 121.3#

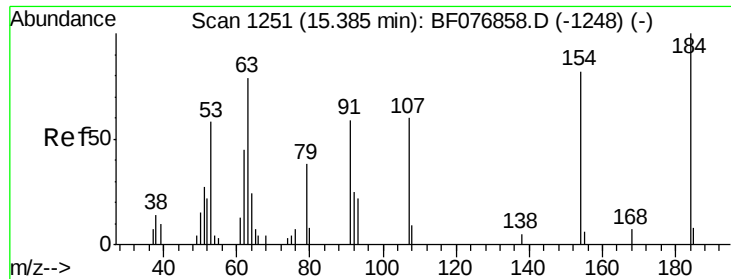


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

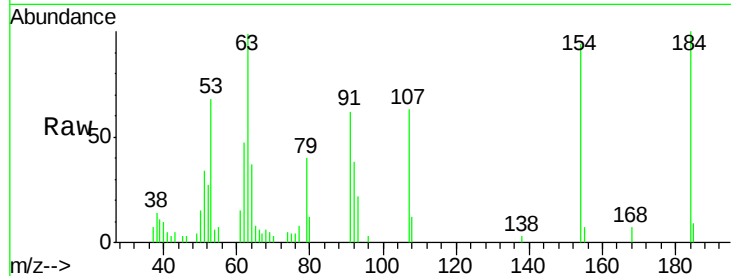




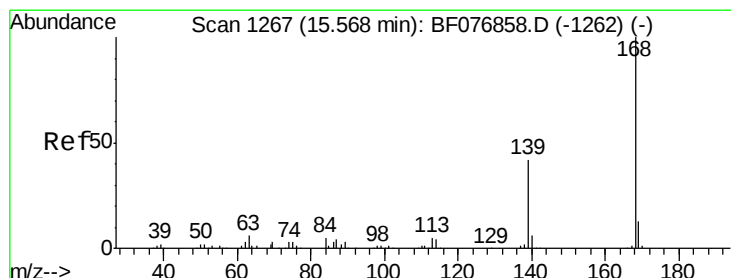
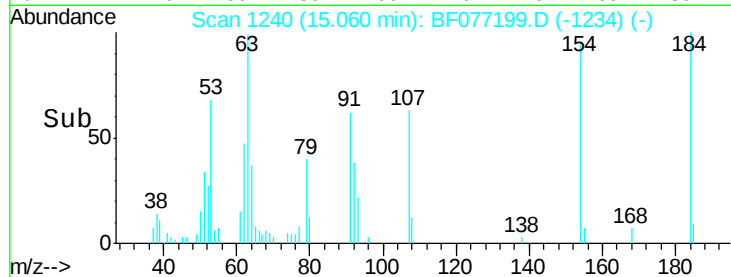
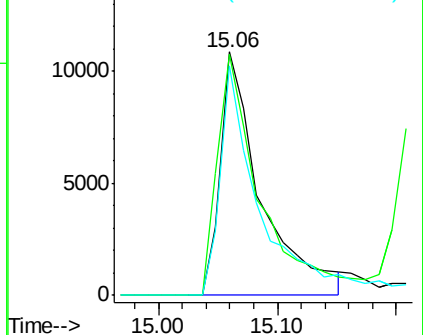
#53
2,4-Dinitrophenol
Concen: 56.10 ng
RT: 15.06 min Scan# 1240
Delta R.T. -0.03 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 25822
Ion Ratio Lower Upper
184 100
63 99.1 63.0 94.6#
154 94.3 65.5 98.3

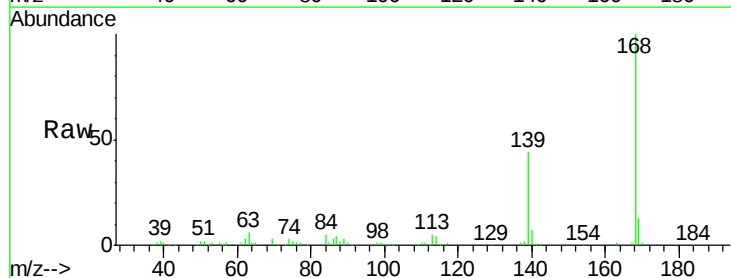


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

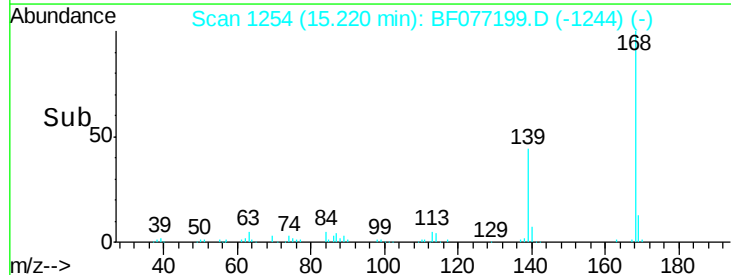
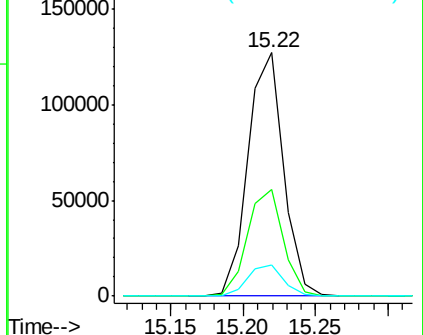


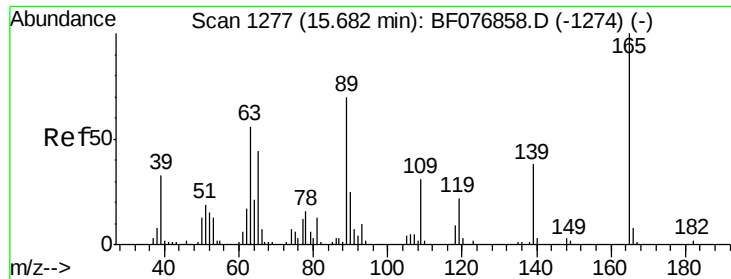
#54
Dibenzofuran
Concen: 33.98 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:168 Resp: 215917
Ion Ratio Lower Upper
168 100
139 43.9 33.4 50.2
169 13.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

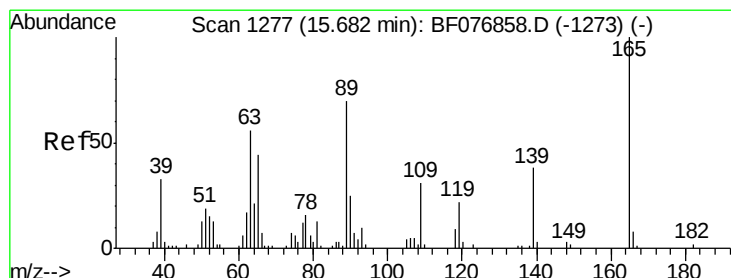
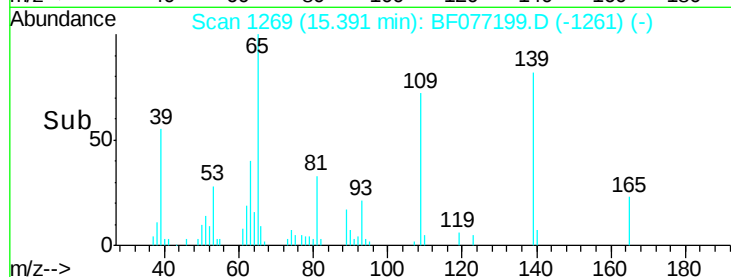
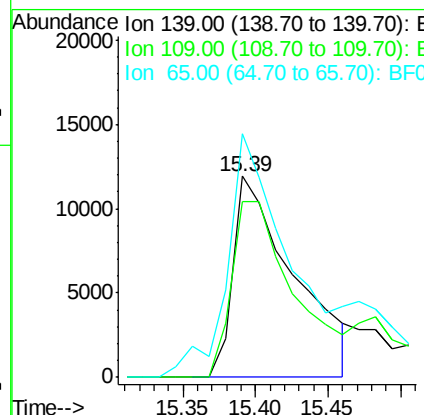
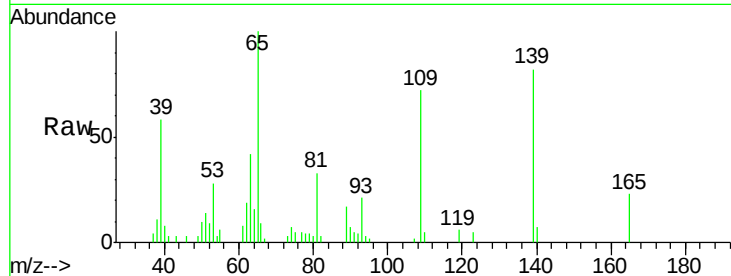




#55
4-Nitrophenol
Concen: 41.78 ng
RT: 15.39 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

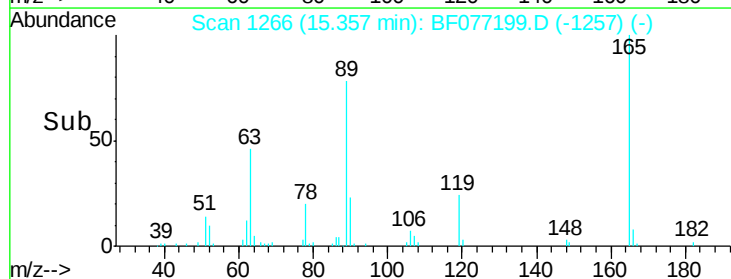
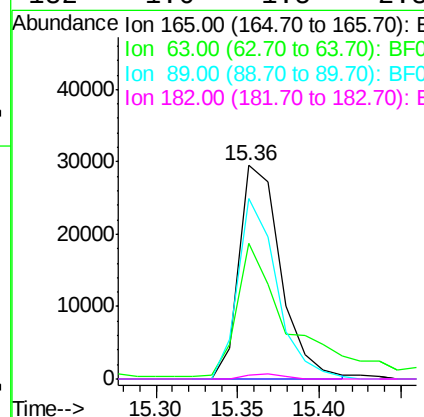
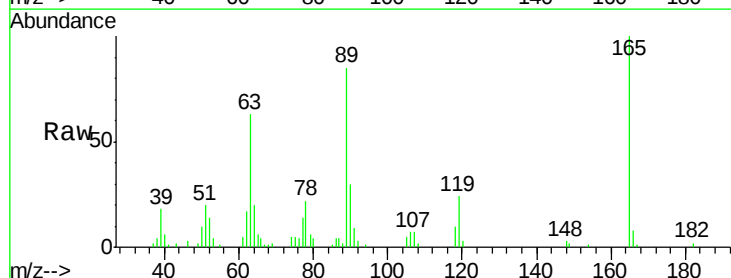
Instrument :
BNA_F
ClientSampleId :

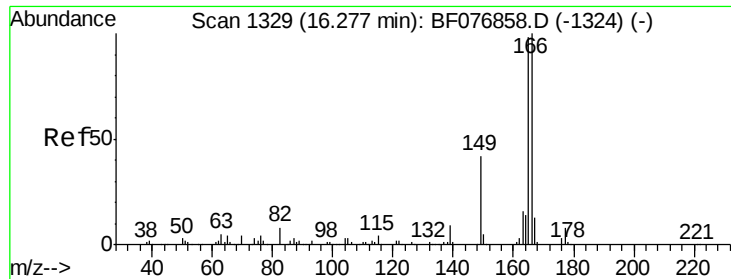
Tot Ion:139 Resp: 34702
Ion Ratio Lower Upper
139 100
109 87.8 61.0 101.0
65 121.3 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 33.66 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:165 Resp: 52370
Ion Ratio Lower Upper
165 100
63 63.5 44.8 67.2
89 84.7 56.2 84.2#
182 1.6 1.5 2.3

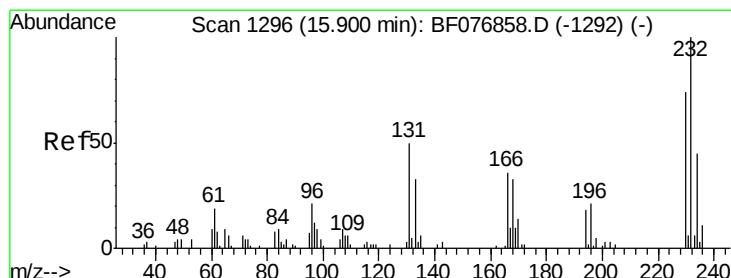
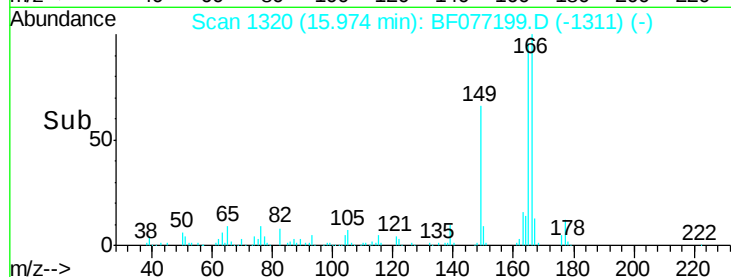
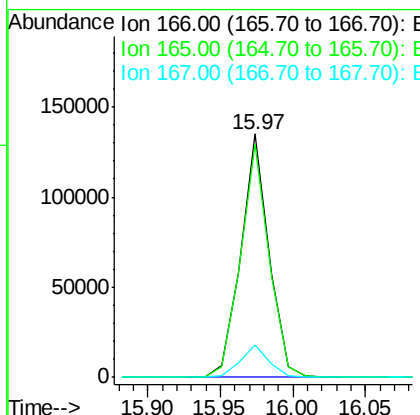
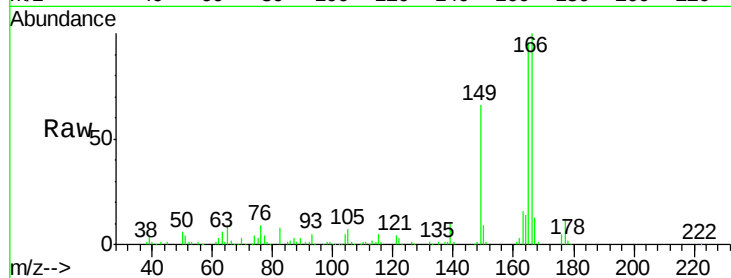




#57
 Fluorene
 Concen: 33.53 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

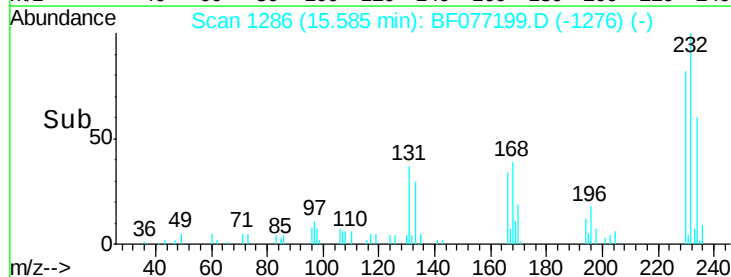
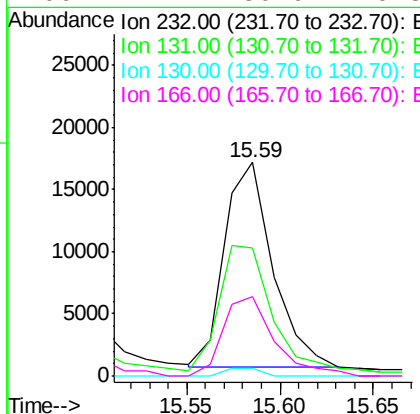
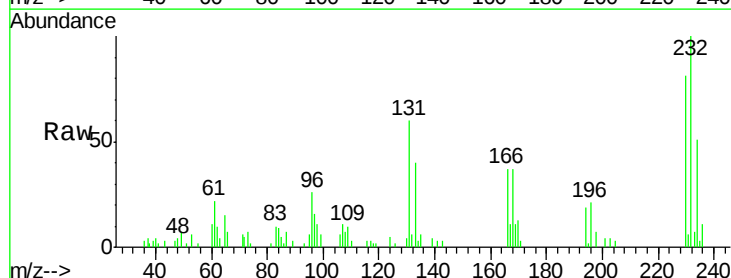
Instrument :
 BNA_F
 ClientSampleId :

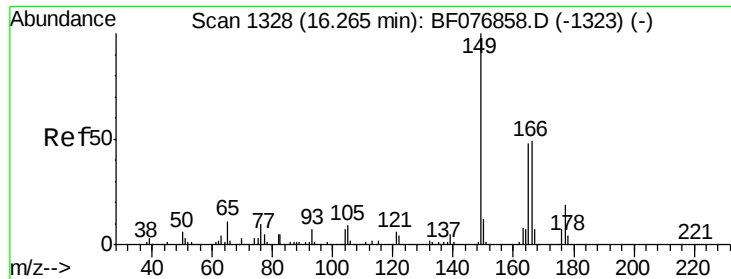
Tot Ion:166 Resp: 180485
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.5 117.7
 167 13.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.55 ng
 RT: 15.59 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:232 Resp: 29530
 Ion Ratio Lower Upper
 232 100
 131 63.0 45.0 67.6
 130 3.0 2.6 3.8
 166 41.7 30.9 46.3

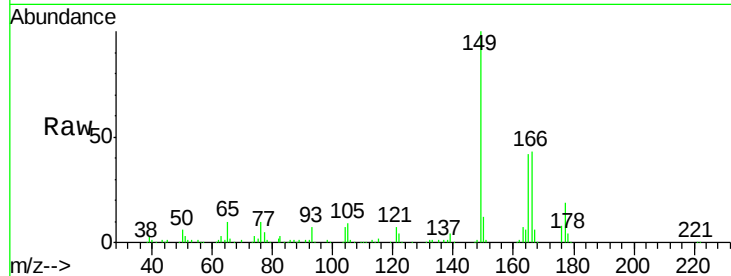




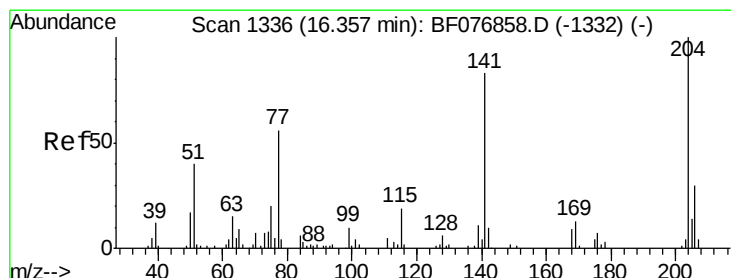
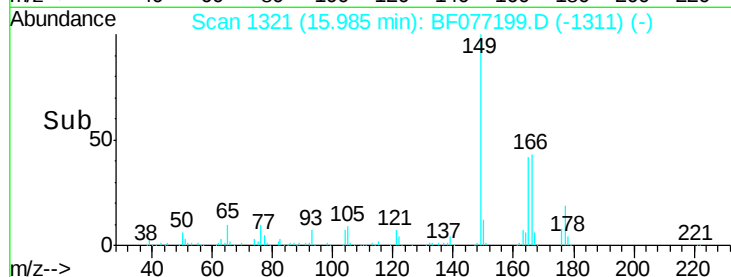
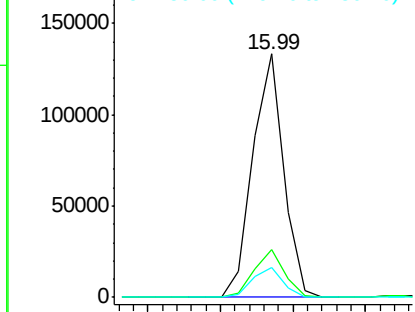
#59
Diethylphthalate
Concen: 36.71 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 196578
Ion Ratio Lower Upper
149 100
177 19.4 15.0 22.6
150 12.4 9.4 14.0

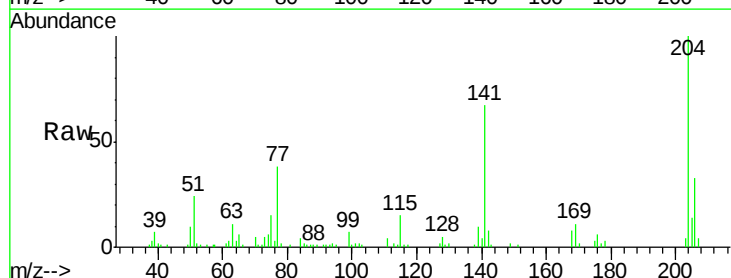


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

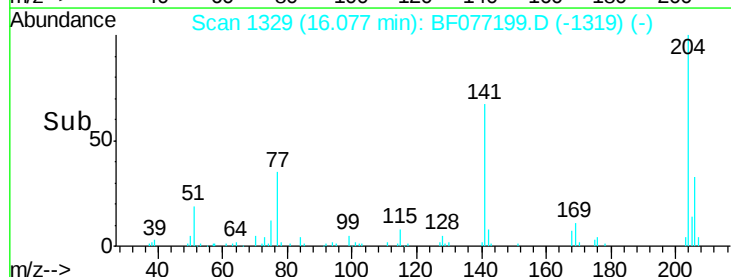
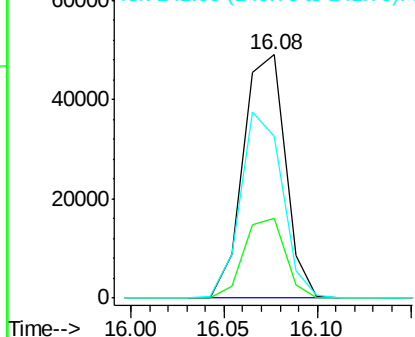


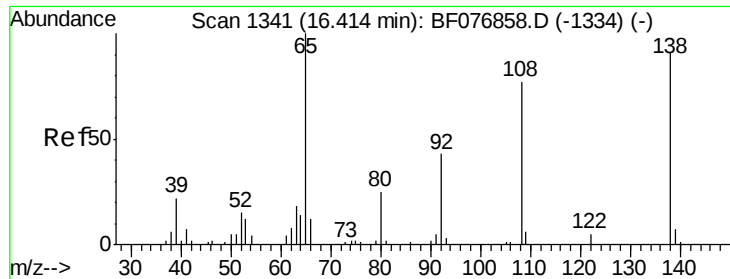
#60
4-Chlorophenyl-phenylether
Concen: 35.04 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:204 Resp: 77183
Ion Ratio Lower Upper
204 100
206 32.7 24.2 36.2
141 66.7 66.7 100.1#



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

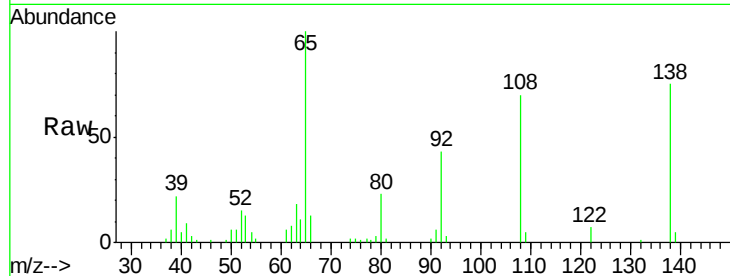




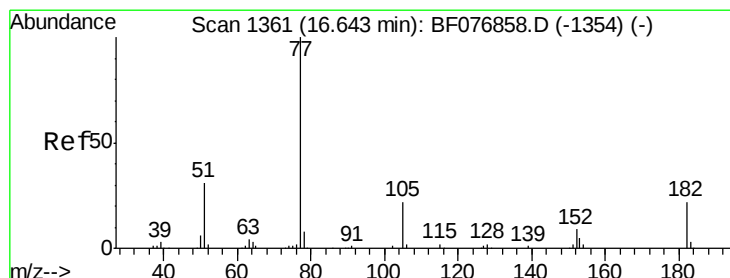
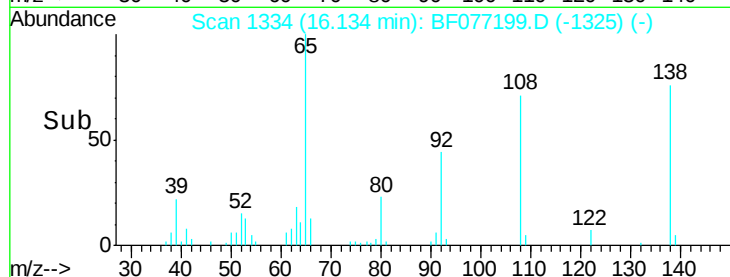
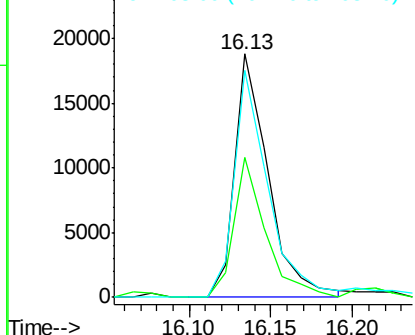
#61
4-Nitroaniline
Concen: 20.94 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 26838
Ion Ratio Lower Upper
138 100
92 57.4 26.7 66.7
108 93.5 64.5 104.5

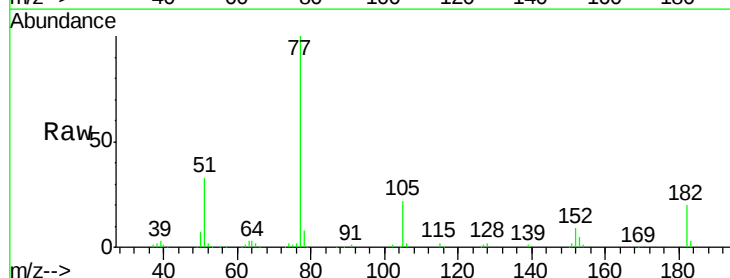


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

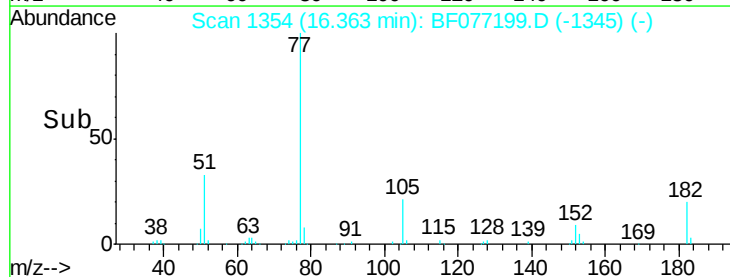
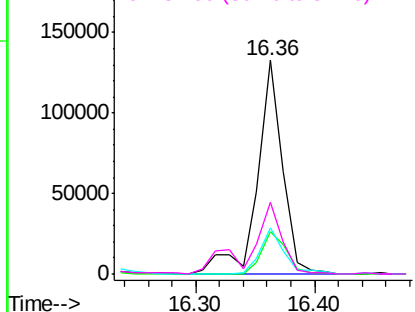


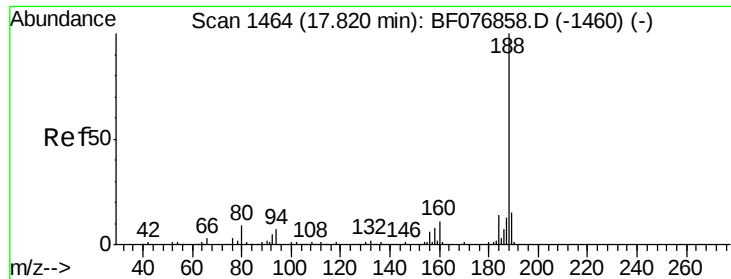
#62
Azobenzene
Concen: 35.52 ng
RT: 16.36 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion: 77 Resp: 198196
Ion Ratio Lower Upper
77 100
182 20.0 2.0 42.0
105 21.7 2.3 42.3
51 33.3 10.7 50.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

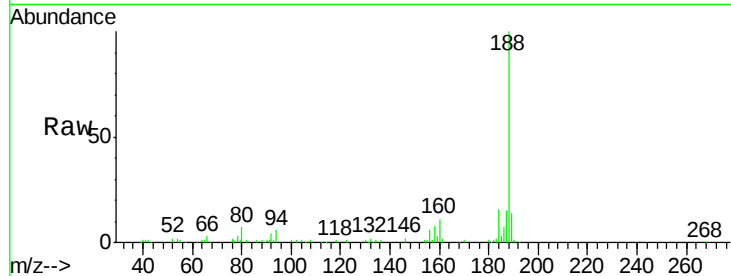
Tot Ion:188 Resp: 124321

Ion Ratio Lower Upper

188 100

94 6.2 6.0 9.0

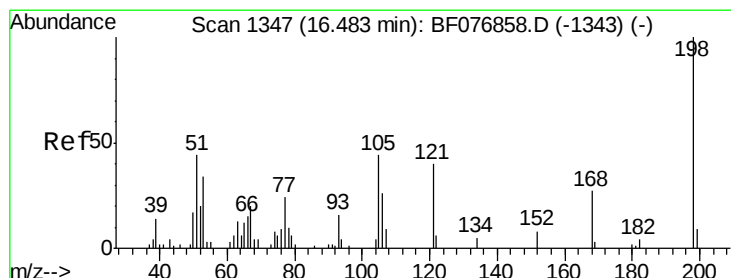
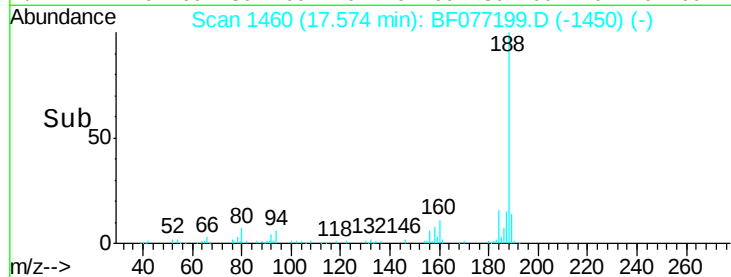
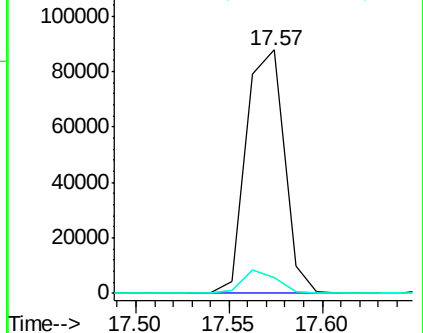
80 6.7 6.9 10.3#



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: 29.76 ng

RT: 16.21 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

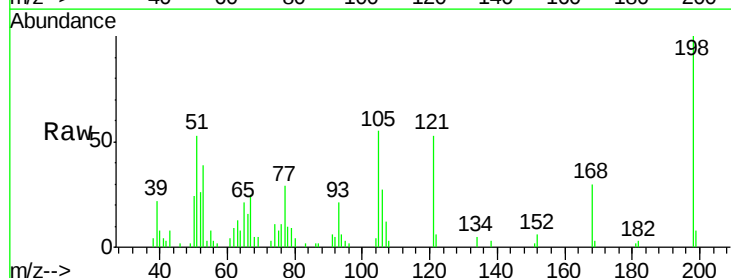
Tgt Ion:198 Resp: 22697

Ion Ratio Lower Upper

198 100

51 52.9 24.2 64.2

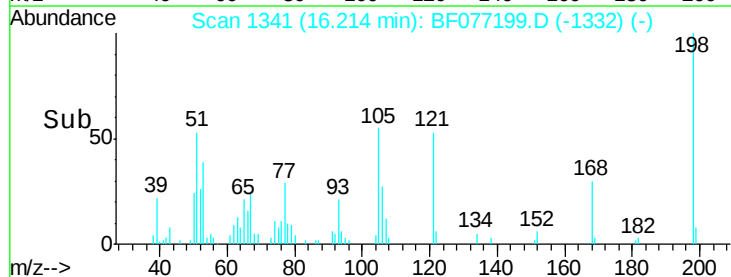
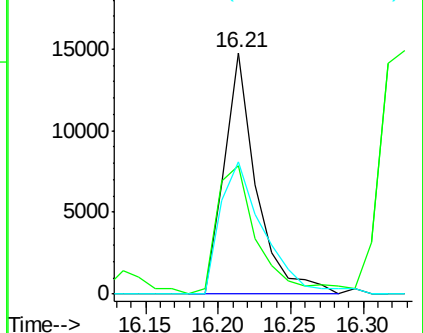
105 54.6 24.0 64.0

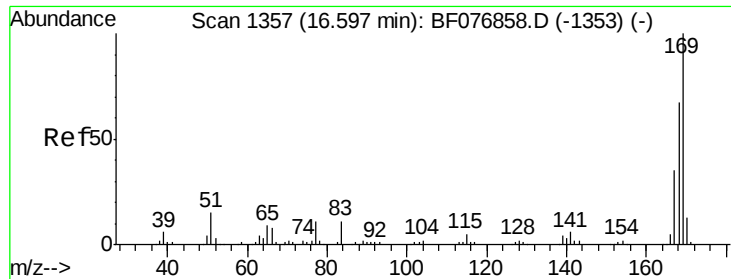


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

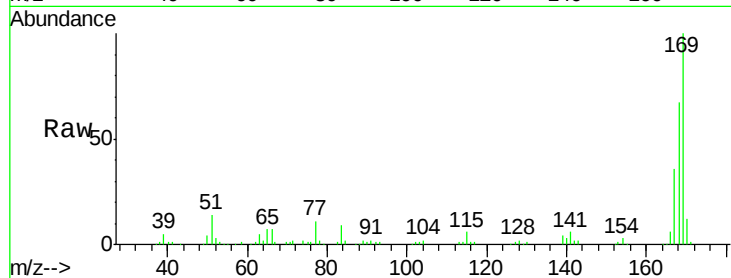




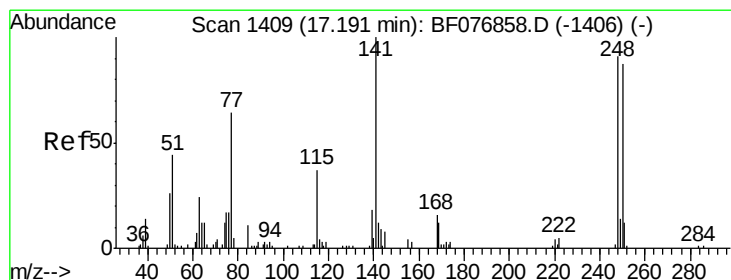
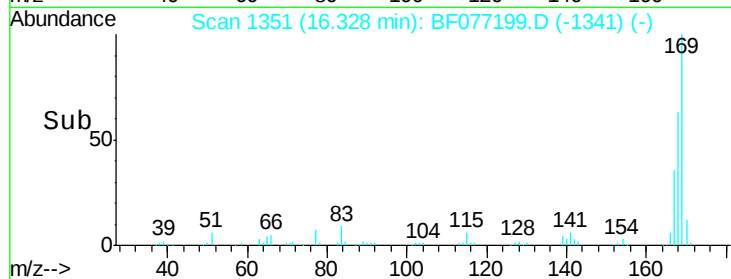
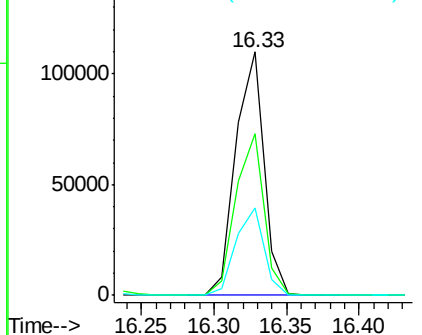
#65
 n-Nitrosodiphenylamine
 Concen: 33.72 ng
 RT: 16.33 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	169	Resp	149456
Ion Ratio	100	Lower	Upper
169	100		
168	66.6	53.8	80.6
167	35.9	27.8	41.6

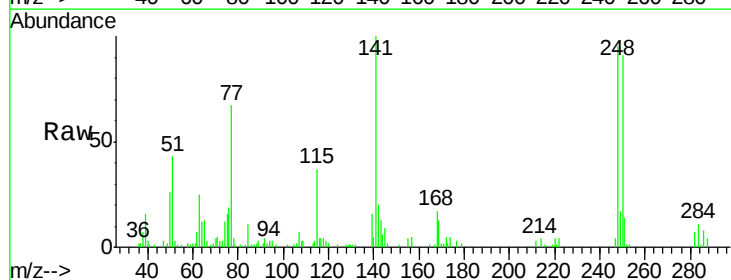


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

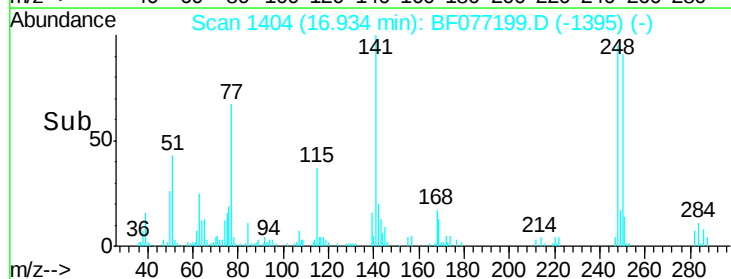
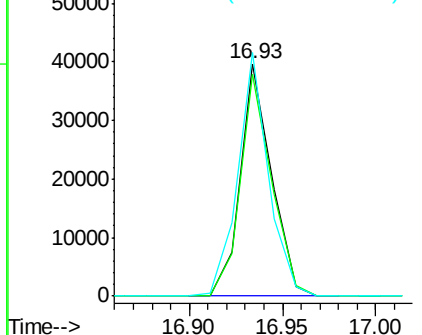


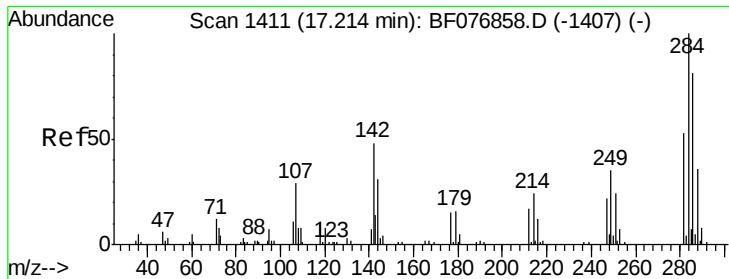
#66
 4-Bromophenyl-phenylether
 Concen: 36.47 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion	248	Resp	45934
Ion Ratio	100	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	104.7	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: 34.68 ng

RT: 16.95 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampled :

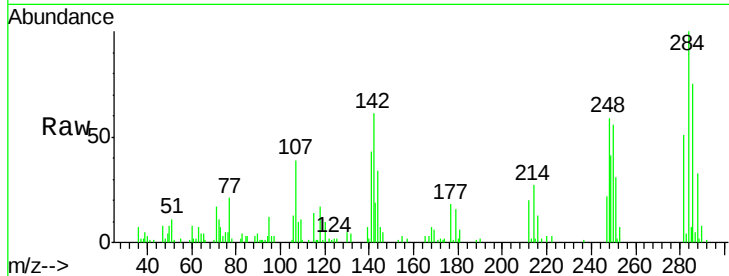
Tot Ion:284 Resp: 46035

Ion Ratio Lower Upper

284 100

142 61.4 38.2 57.4#

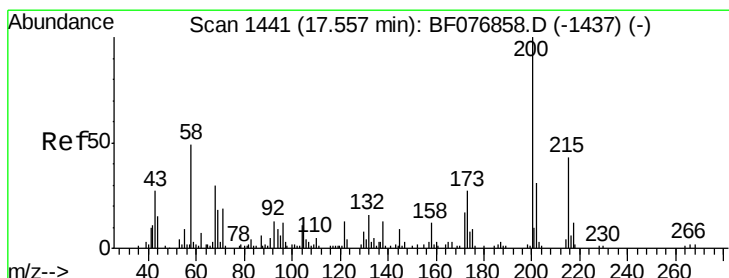
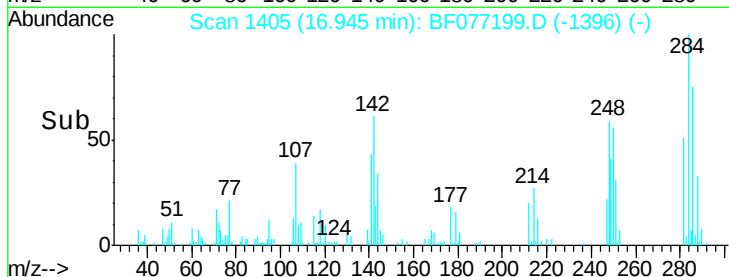
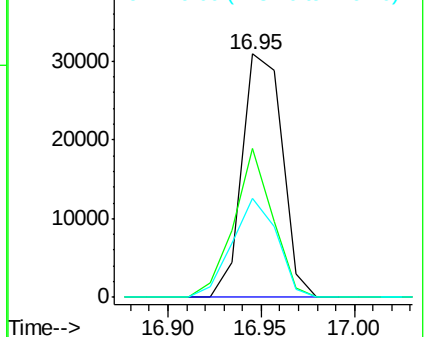
249 40.9 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.65 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

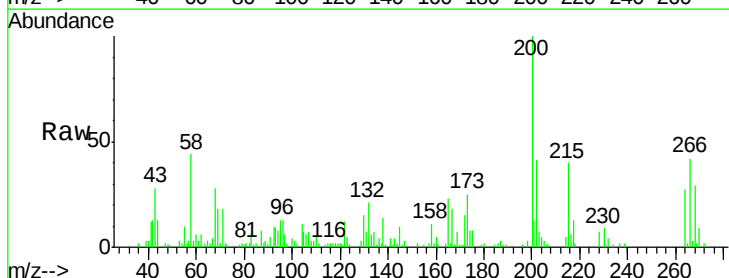
Tgt Ion:200 Resp: 50644

Ion Ratio Lower Upper

200 100

173 24.5 6.6 46.6

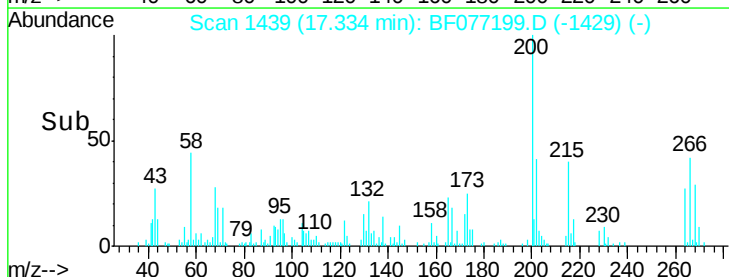
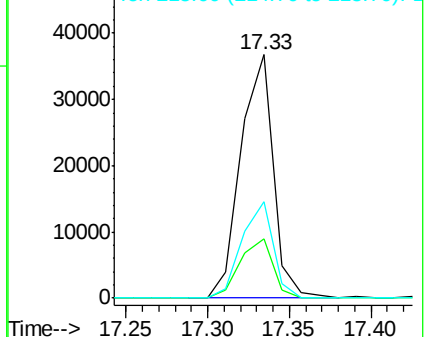
215 39.7 22.9 62.9

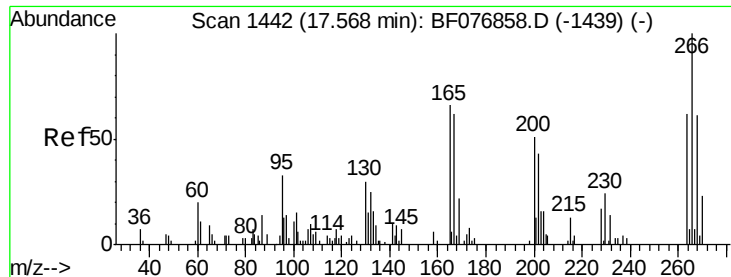


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

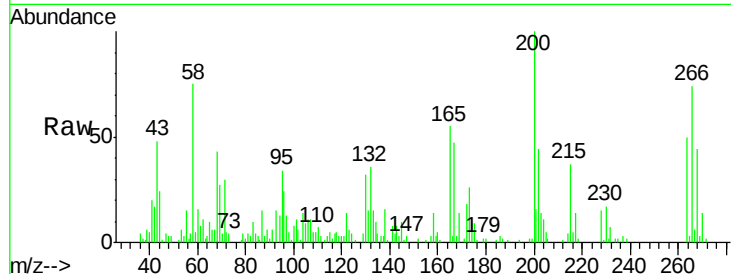




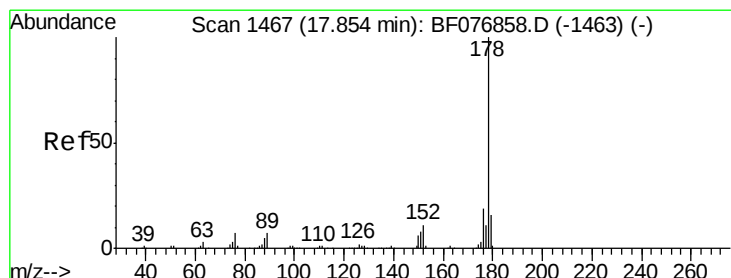
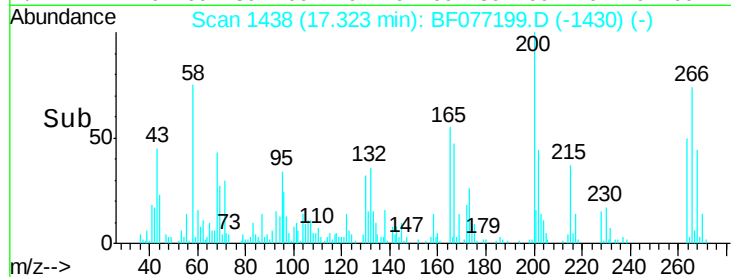
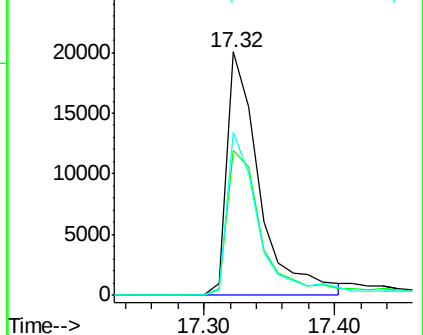
#69
 Pentachlorophenol
 Concen: 59.50 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 35044
 Ion Ratio Lower Upper
 266 100
 268 59.7 48.6 72.8
 264 67.0 49.5 74.3

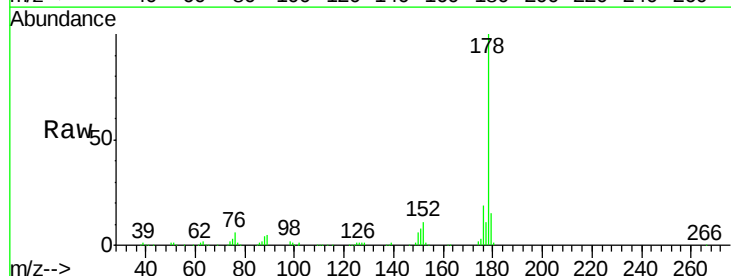


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

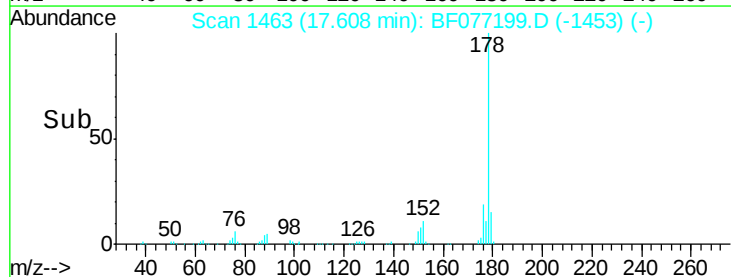
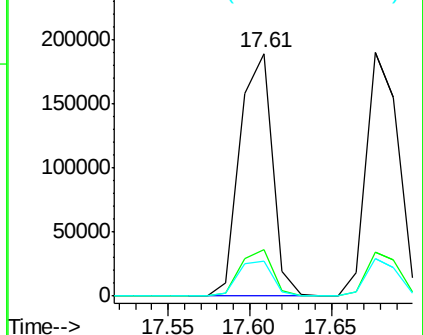


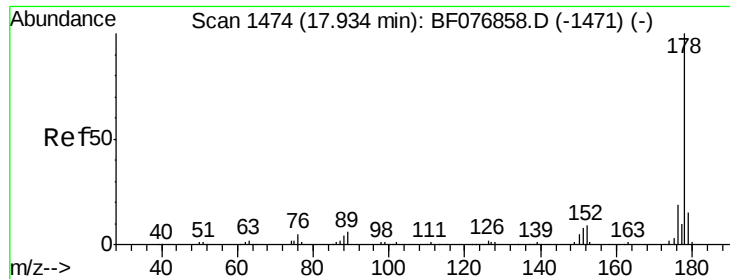
#70
 Phenanthrene
 Concen: 33.56 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:178 Resp: 260224
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 14.7 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

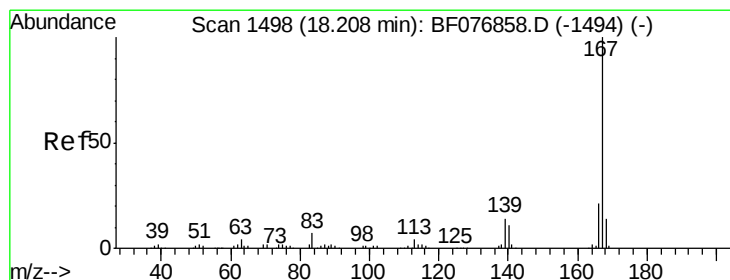
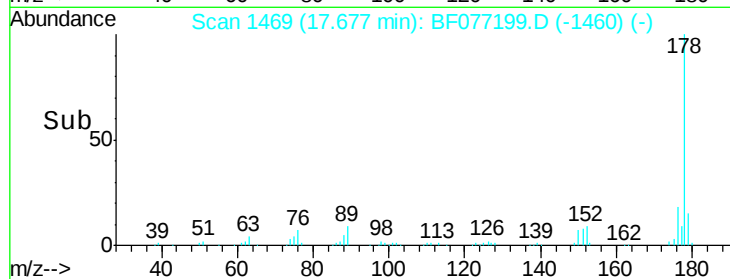
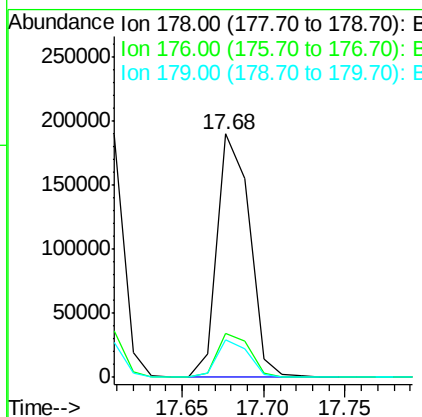
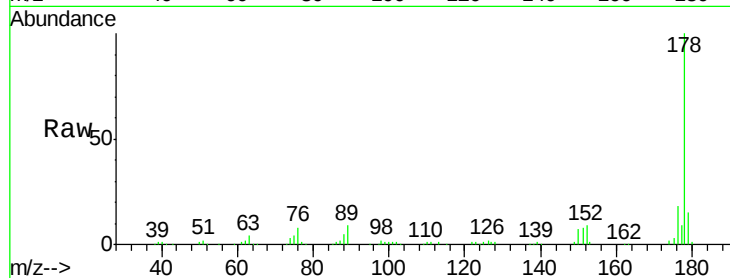




#71
 Anthracene
 Concen: 34.61 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

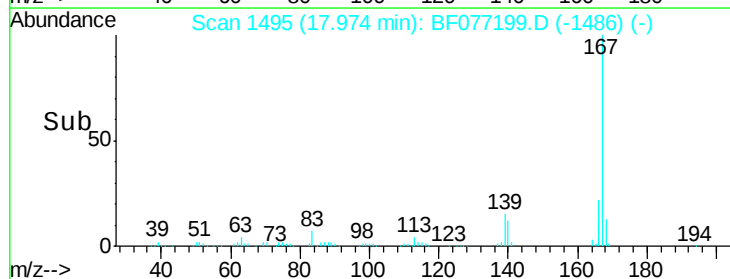
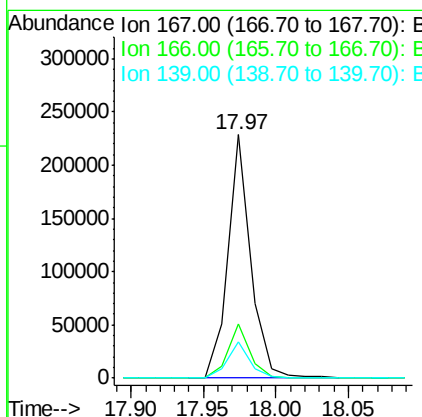
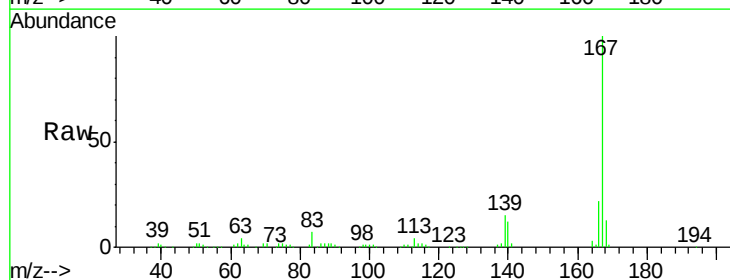
Instrument :
 BNA_F
 ClientSampled :

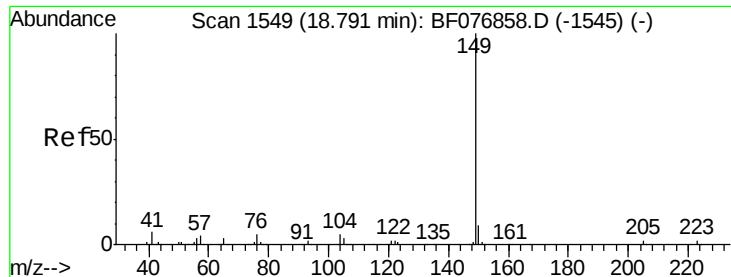
Tot Ion:178 Resp: 261623
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.0
 179 15.4 11.9 17.9



#72
 Carbazole
 Concen: 34.19 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF077199.D
 Acq: 6 Feb 2015 00:31

Tgt Ion:167 Resp: 250697
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 15.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 37.71 ng

RT: 18.57 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

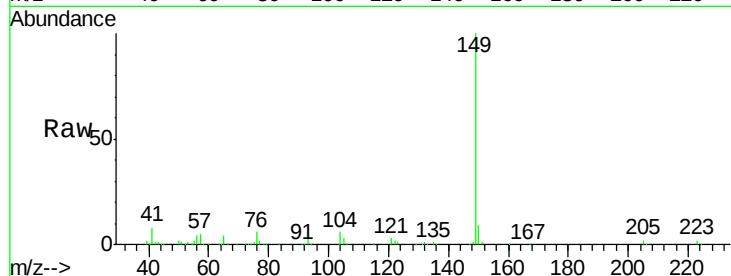
Tot Ion:149 Resp: 320053

Ion Ratio Lower Upper

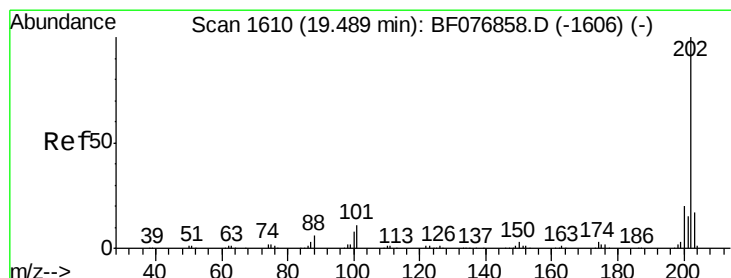
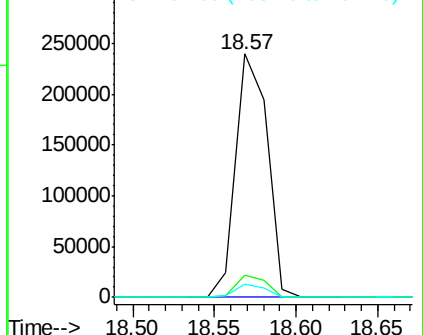
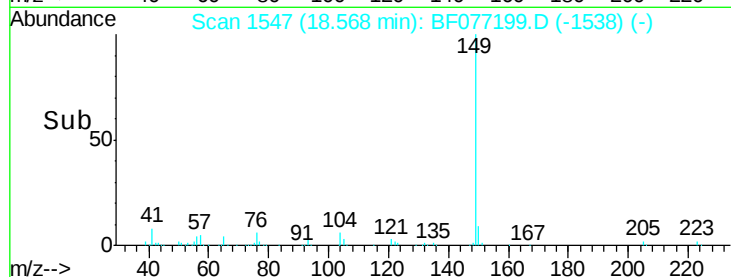
149 100

150 9.1 6.9 10.3

104 5.7 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.82 ng

RT: 19.25 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

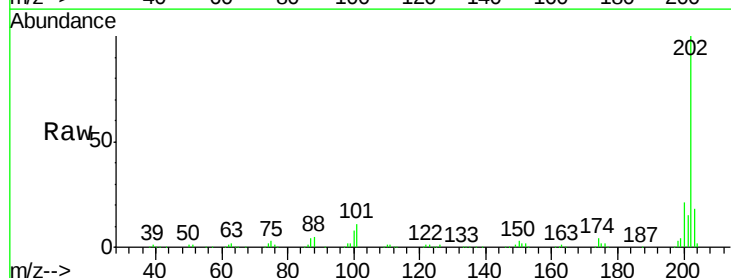
Tgt Ion:202 Resp: 268686

Ion Ratio Lower Upper

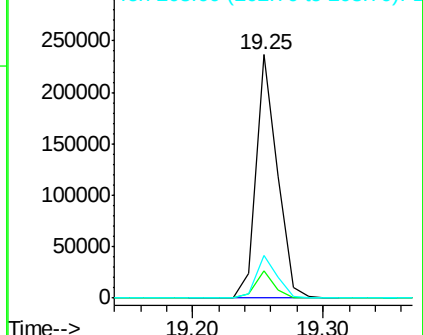
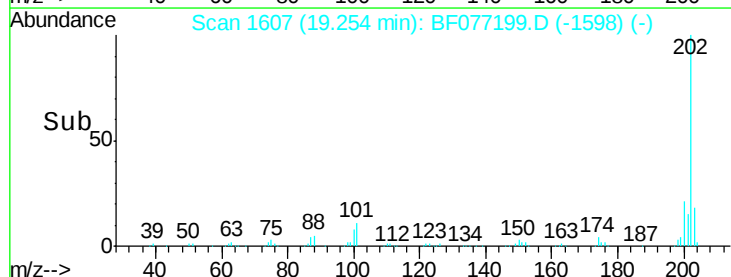
202 100

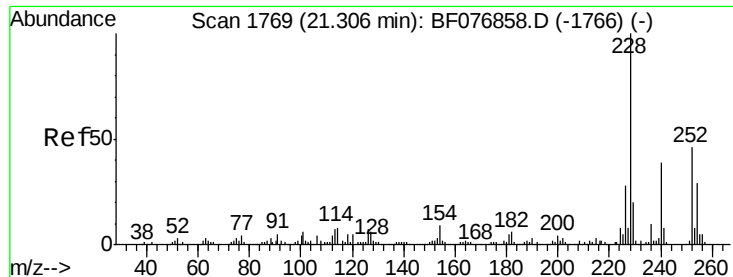
101 11.4 0.0 30.7

203 17.7 0.0 36.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.08 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

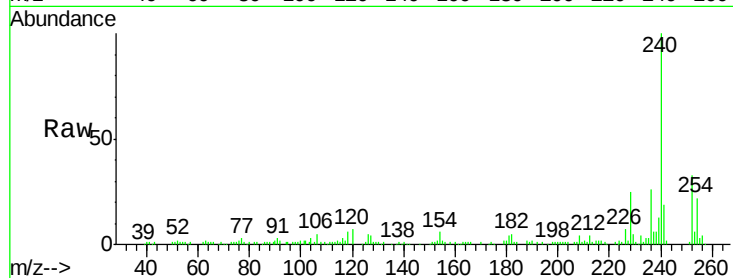
Tot Ion:240 Resp: 121424

Ion Ratio Lower Upper

240 100

120 7.2 10.4 15.6#

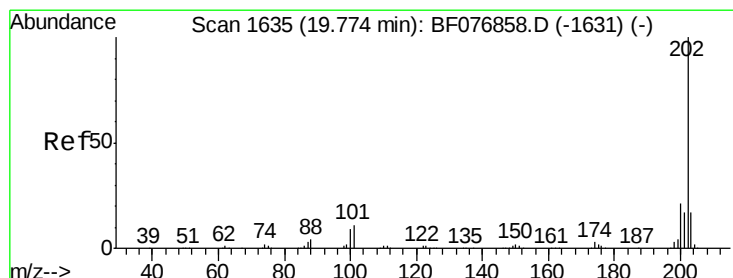
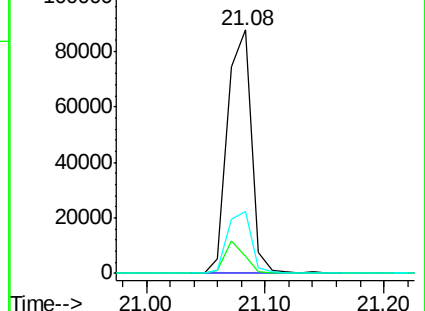
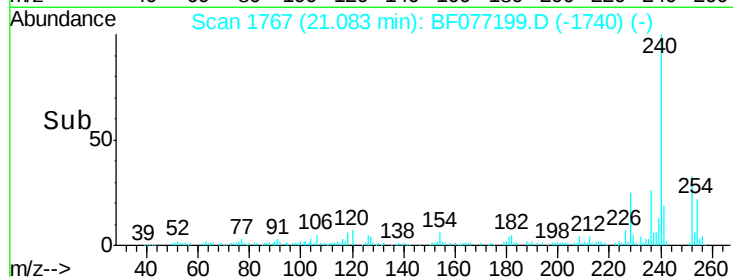
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 34.41 ng

RT: 19.54 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

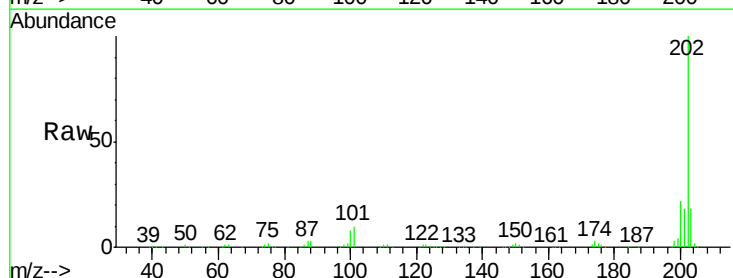
Tgt Ion:202 Resp: 286362

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

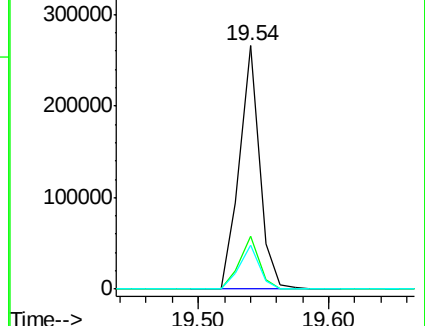
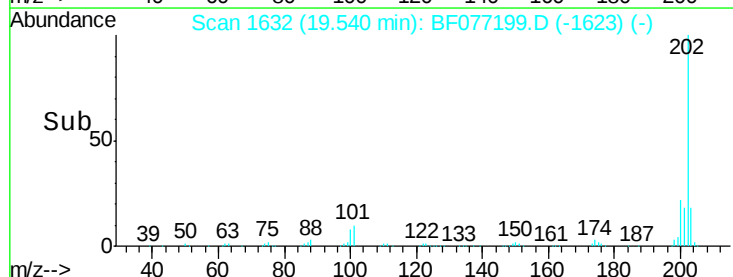
203 18.0 14.0 21.0

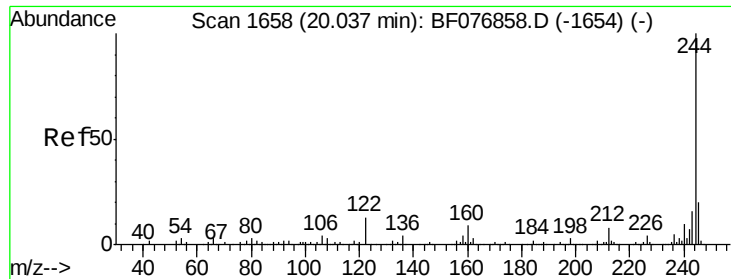


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.27 ng

RT: 19.81 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Instrument :

BNA_F

ClientSampleId :

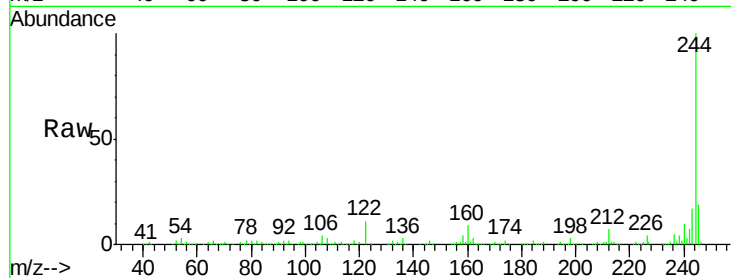
Tot Ion:244 Resp: 375897

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

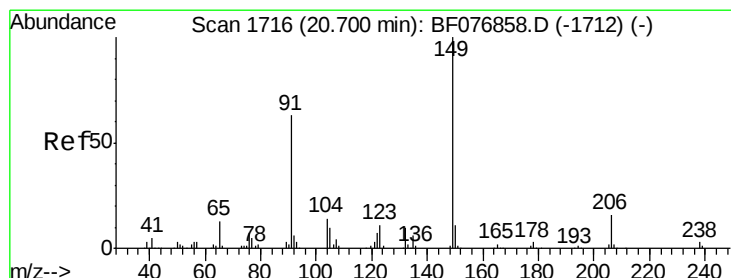
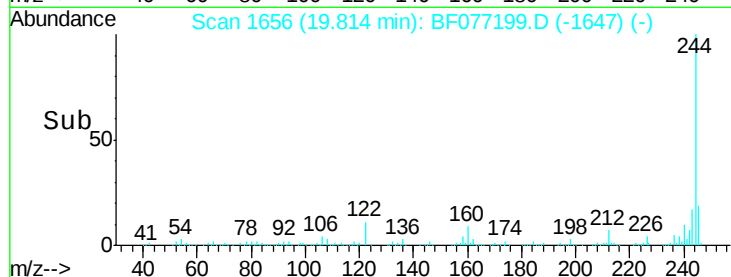
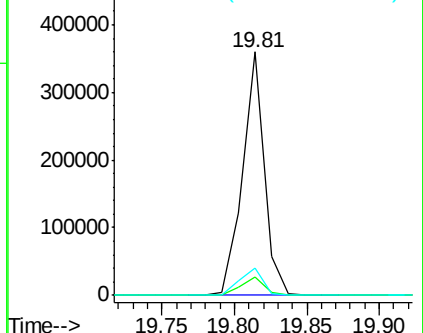
122 11.1 10.1 15.1



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: 39.01 ng

RT: 20.48 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

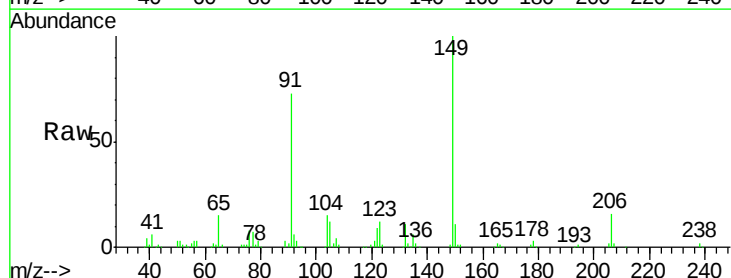
Tgt Ion:149 Resp: 147005

Ion Ratio Lower Upper

149 100

91 72.7 50.6 76.0

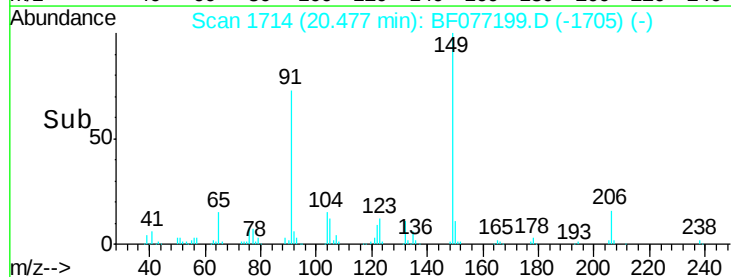
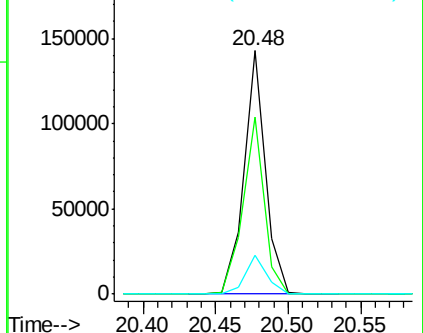
206 16.2 12.8 19.2

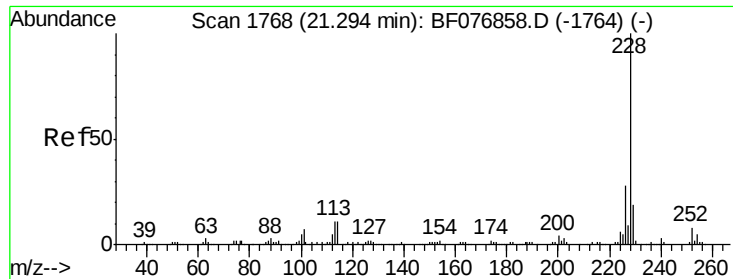


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

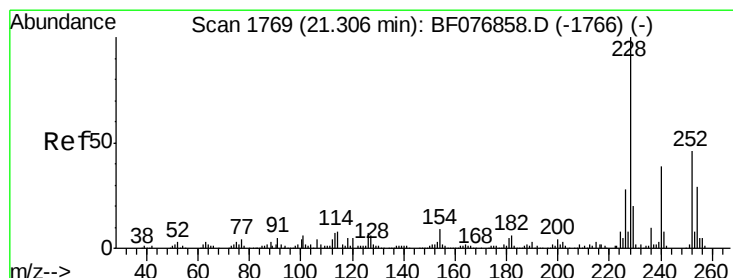
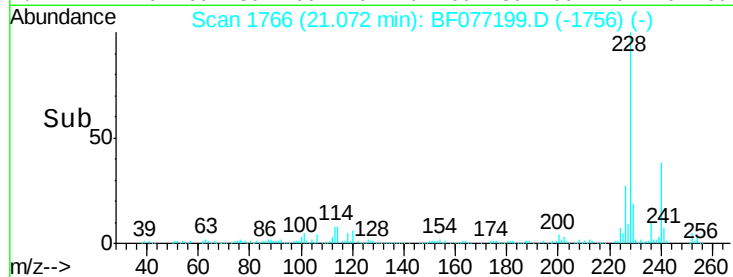
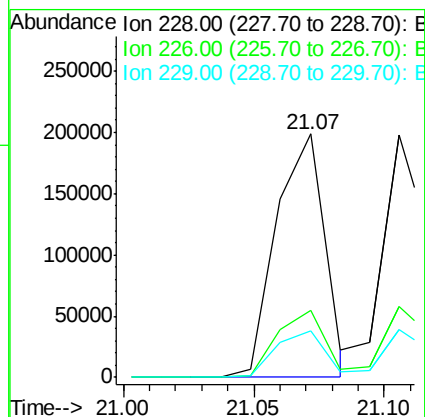
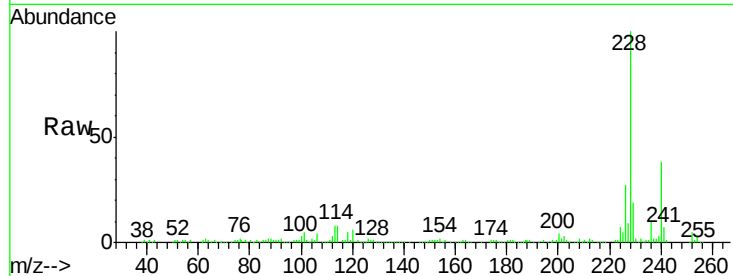




#80
Benzo(a)anthracene
Concen: 33.68 ng
RT: 21.07 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

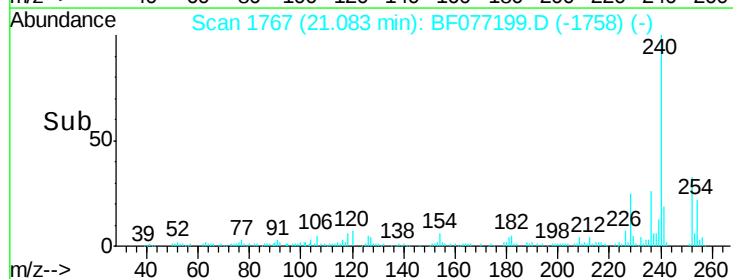
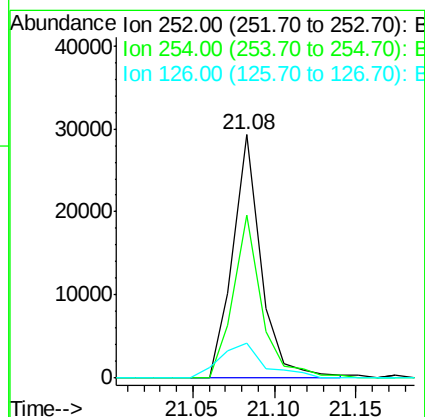
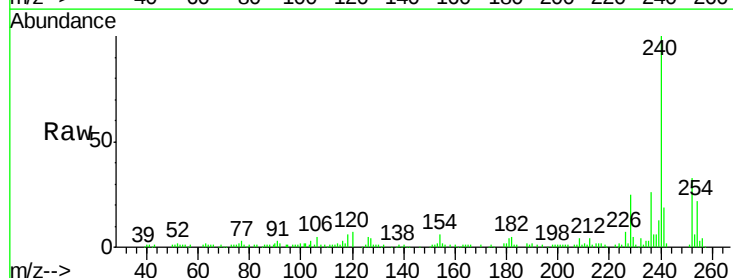
Instrument :
BNA_F
ClientSampleId :

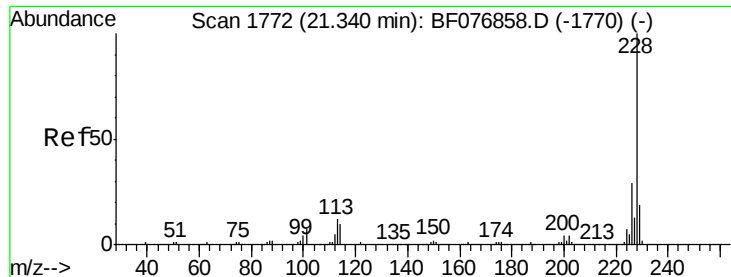
Tot Ion:228 Resp: 256604
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.1 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 14.59 ng
RT: 21.08 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:252 Resp: 35333
Ion Ratio Lower Upper
252 100
254 67.0 50.2 75.4
126 14.1 11.5 17.3





#82

Chrysene

Concen: 34.76 ng

RT: 21.11 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

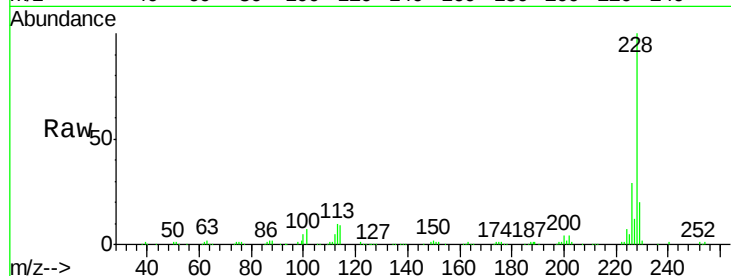
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 241510

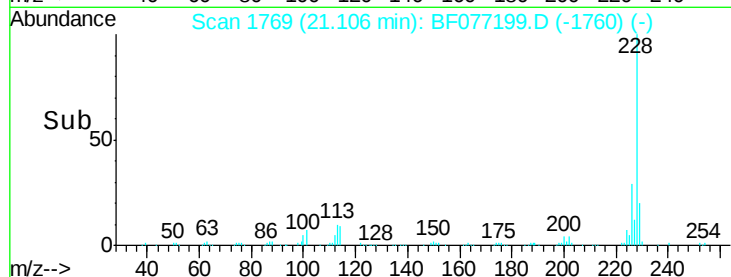
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	19.8	15.4	23.0



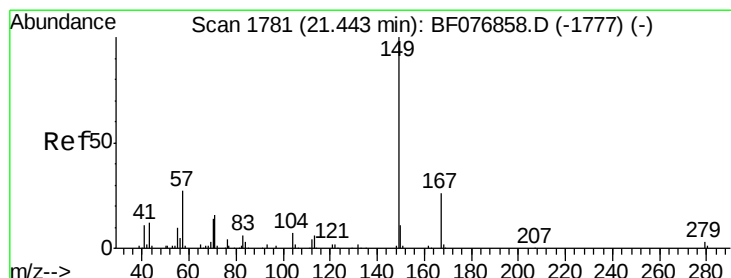
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.42 ng

RT: 21.22 min Scan# 1779

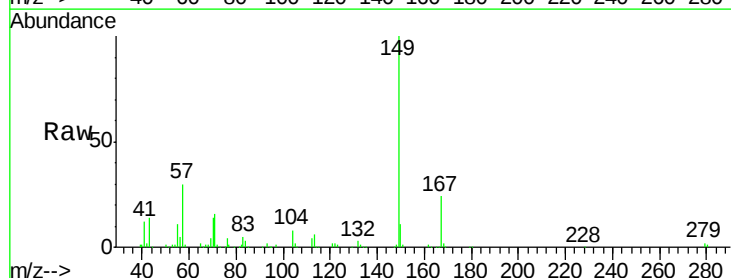
Delta R.T. -0.00 min

Lab File: BF077199.D

Acq: 6 Feb 2015 00:31

Tgt Ion:149 Resp: 210760

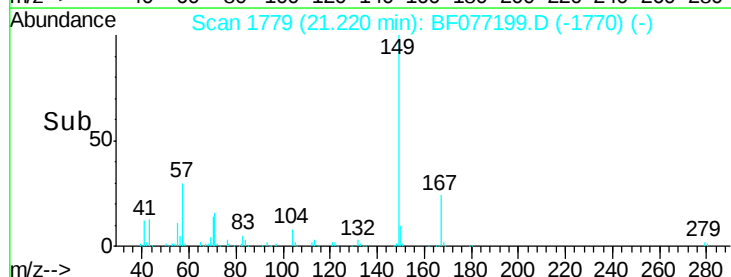
Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.6	30.8
279	2.4	2.2	3.2



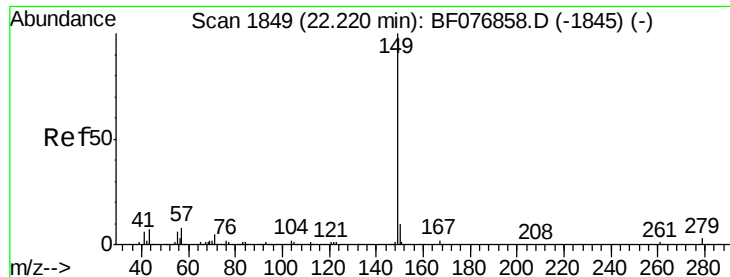
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



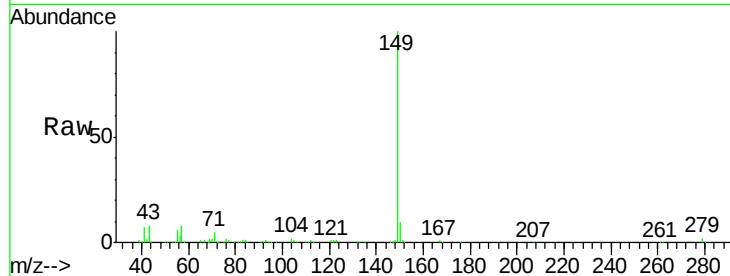
Time-->



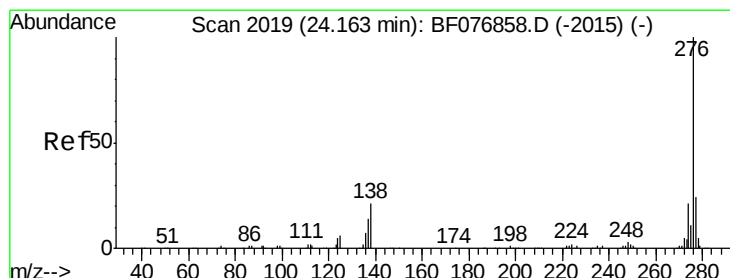
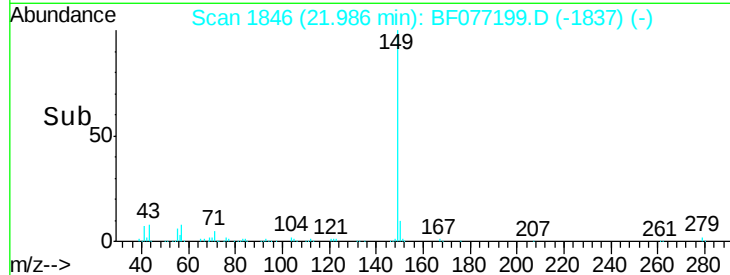
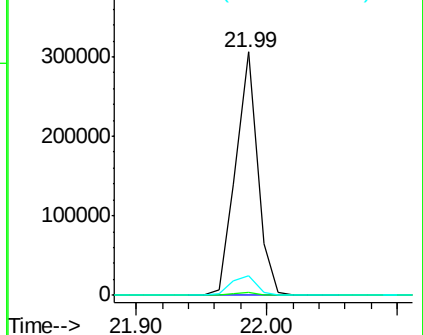
#84
Di-n-octyl phthalate
Concen: 39.68 ng
RT: 21.99 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 359078
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 9.1 6.6 10.0

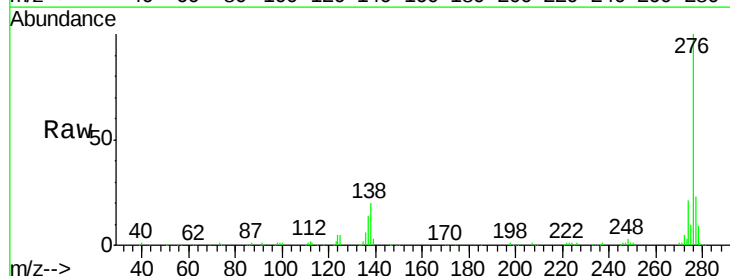


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

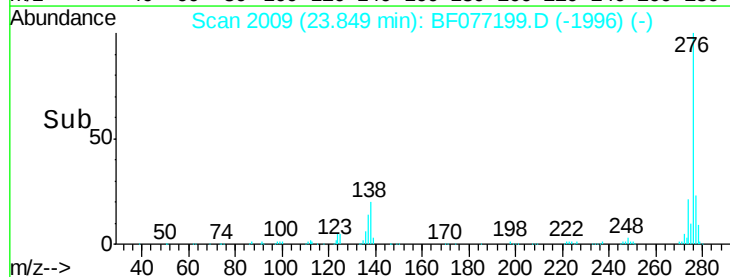
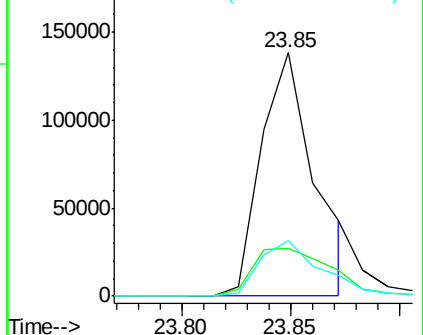


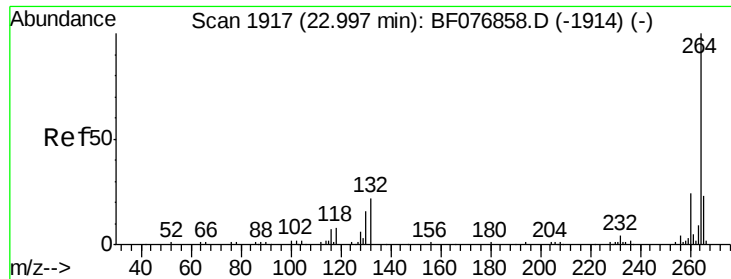
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.27 ng
RT: 23.85 min Scan# 2009
Delta R.T. 0.05 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:276 Resp: 237586
Ion Ratio Lower Upper
276 100
138 27.2 14.6 22.0#
277 24.6 14.8 22.2#



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



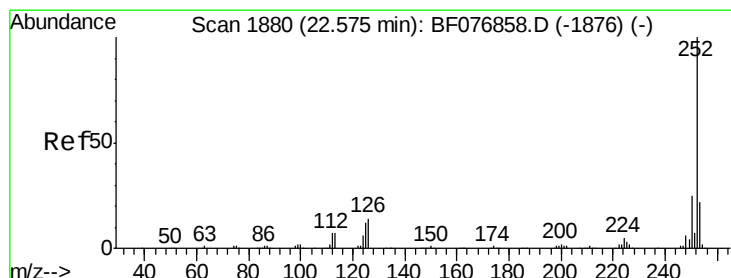
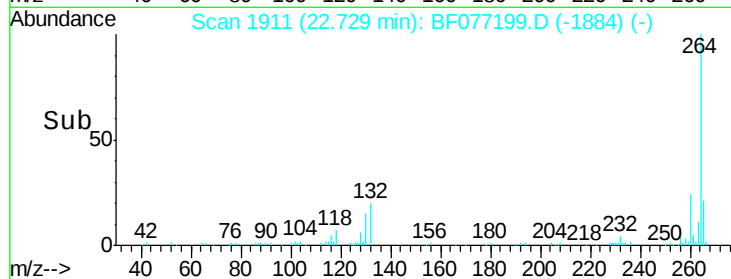
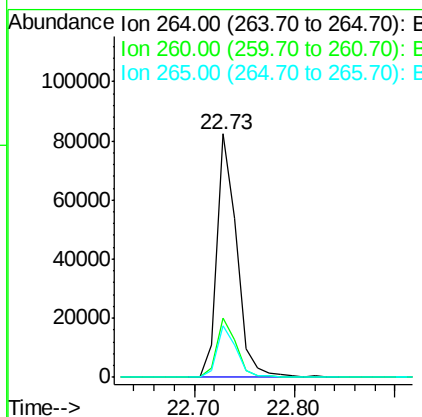
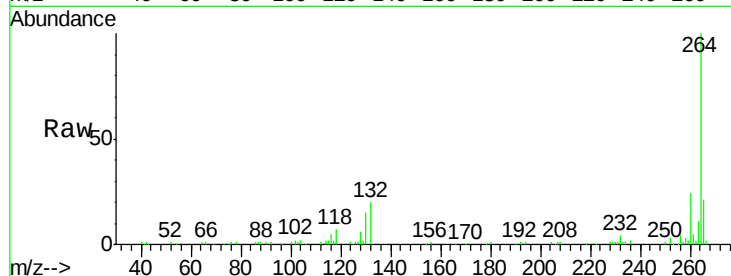


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.73 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 112622

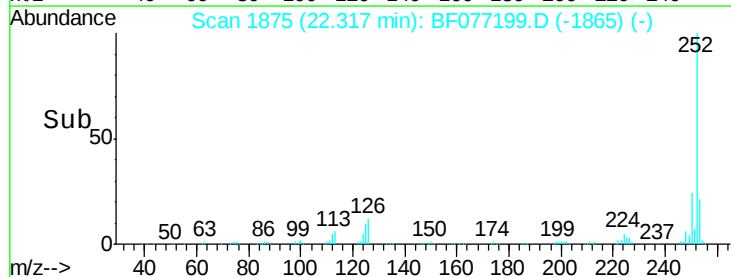
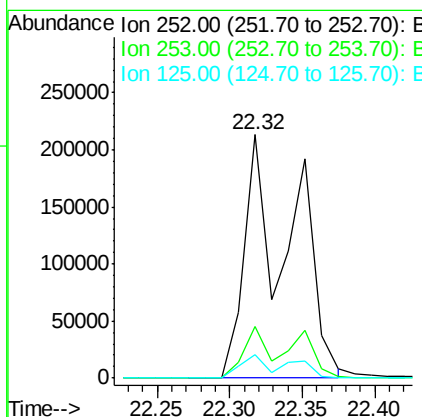
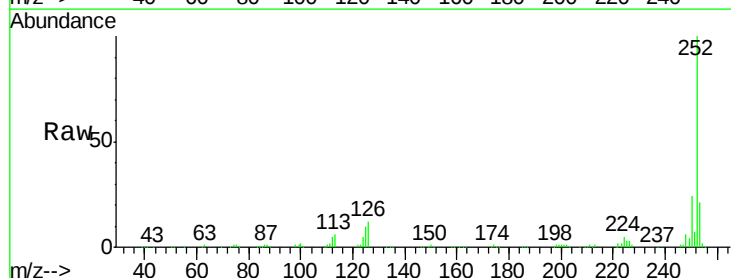
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.2	18.1	27.1

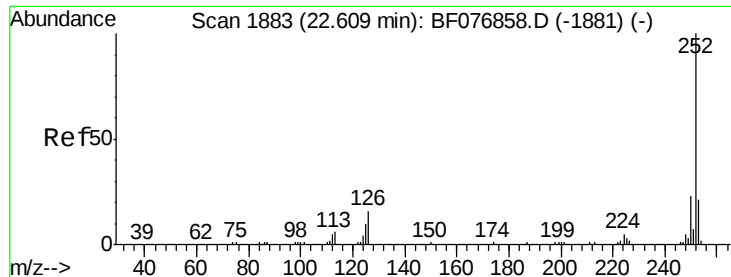


#87
Benzo(b)fluoranthene
Concen: 62.37 ng
RT: 22.32 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:252 Resp: 473074

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	9.5	9.4	14.0

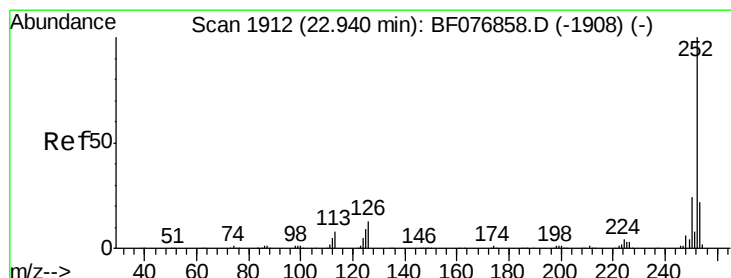
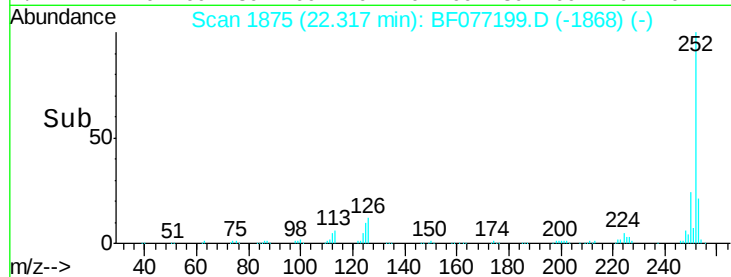
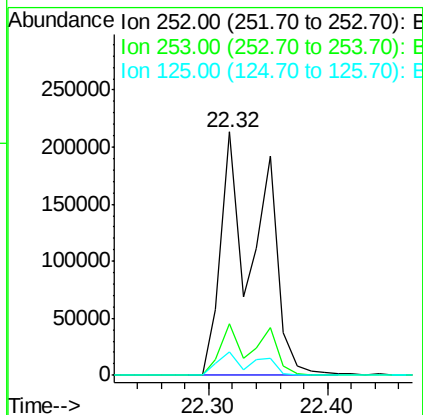
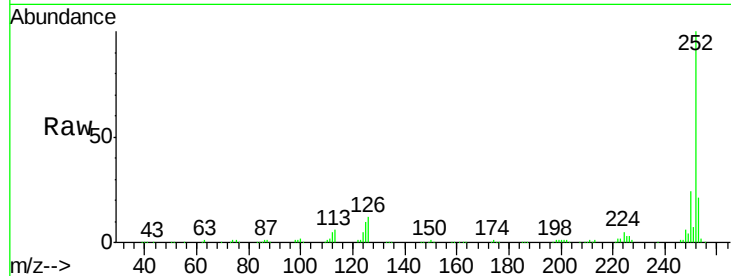




#88
Benzo(k)fluoranthene
Concen: 72.21 ng
RT: 22.32 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

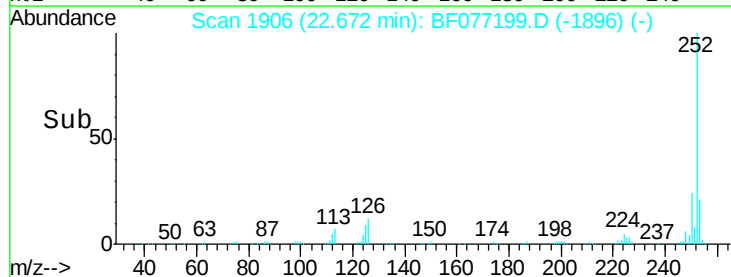
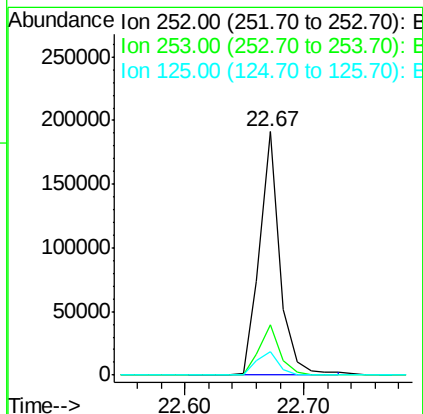
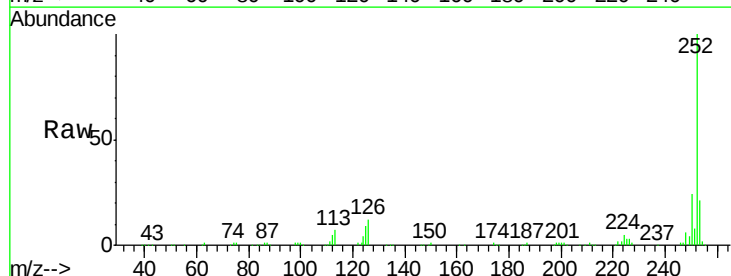
Instrument :
BNA_F
ClientSampled :

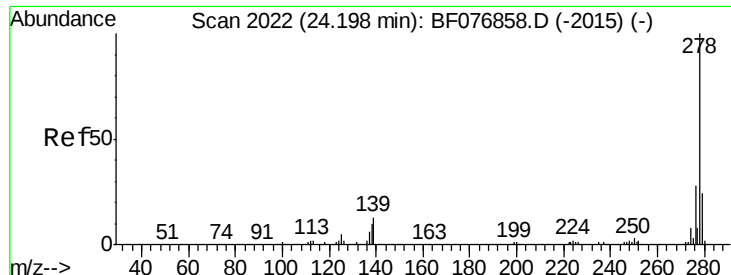
Tot Ion:252 Resp: 478558
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 9.5 7.1 10.7



#89
Benzo(a)pyrene
Concen: 34.53 ng
RT: 22.67 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:252 Resp: 231056
Ion Ratio Lower Upper
252 100
253 20.7 17.9 26.9
125 9.5 7.2 10.8

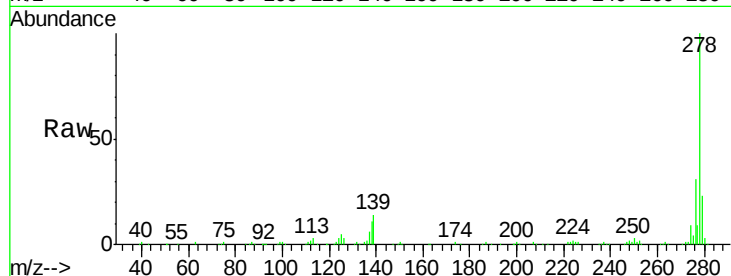




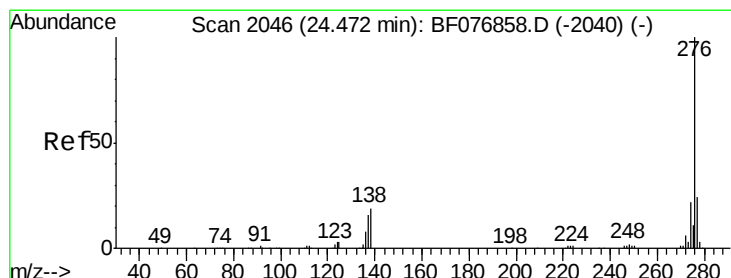
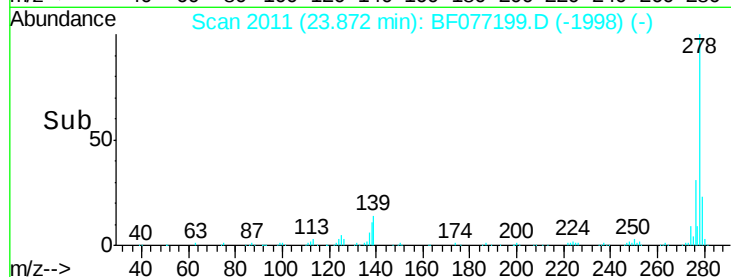
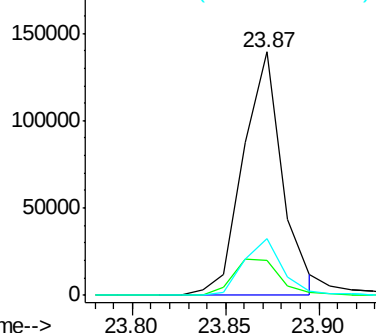
#90
Dibenzo(a,h)anthracene
Concen: 33.17 ng
RT: 23.87 min Scan# 2011
Delta R.T. 0.05 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 203622
Ion Ratio Lower Upper
278 100
139 14.4 10.5 15.7
279 23.3 19.3 28.9

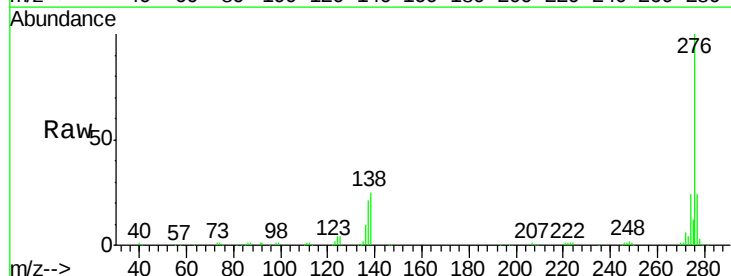


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 32.84 ng
RT: 24.11 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF077199.D
Acq: 6 Feb 2015 00:31

Tgt Ion:276 Resp: 200413
Ion Ratio Lower Upper
276 100
277 24.1 19.5 29.3
138 25.1 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

