

Data Path : Z:\HPCHEM1\BNA F\Data\BF020915\
 Data File : BF077226.D
 Acq On : 9 Feb 2015 16:04
 Operator : TP/IZ
 Sample : G1252-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 00:39:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 09 15:41:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	30286	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	134458	20.00	ng	-0.01
38) Acenaphthene-d10	14.63	164	74248	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	126880	20.00	ng	0.00
75) Chrysene-d12	21.01	240	113603	20.00	ng	0.00
86) Perylene-d12	22.69	264	98271	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.60	112	207178	112.47	ng	0.00
7) Phenol-d6	7.01	99	258132	111.08	ng	0.00
23) Nitrobenzene-d5	8.90	82	165628	68.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	62813	104.22	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	342960	70.29	ng	0.00
78) Terphenyl-d14	19.76	244	335827	68.06	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.07	88	23894	30.29	ng	99
3) Pyridine	1.49	79	64356	31.53	ng	94
4) n-Nitrosodimethylamine	1.46	42	30157	29.83	ng	93
6) Aniline	6.89	93	50776	15.79	ng	97
8) 2-Chlorophenol	7.12	128	71991	33.90	ng	94
9) Benzaldehyde	6.65	77	4173	2.17	ng	91
10) Phenol	7.04	94	86577	35.09	ng	92
11) bis(2-Chloroethyl)ether	7.14	93	67033	34.72	ng	# 86
12) 1,3-Dichlorobenzene	7.44	146	78247	32.39	ng	97
13) 1,4-Dichlorobenzene	7.63	146	81508	31.82	ng	96
14) 1,2-Dichlorobenzene	7.94	146	78324	33.18	ng	95
15) Benzyl Alcohol	8.05	79	64412	34.26	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.40	45	93044	35.85	ng	88
17) 2-Methylphenol	8.41	107	58388	33.64	ng	95
18) Hexachloroethane	8.68	117	30953	34.74	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	56571	34.78	ng	98
20) 3+4-Methylphenols	8.80	107	67104	29.20	ng	96
22) Acetophenone	8.60	105	110472	33.54	ng	98
24) Nitrobenzene	8.94	77	78932	31.92	ng	98
25) Isophorone	9.55	82	145227	32.86	ng	97
26) 2-Nitrophenol	9.69	139	36959	29.88	ng	# 91
27) 2,4-Dimethylphenol	9.98	122	61134	31.98	ng	# 85
28) bis(2-Chloroethoxy)methane	10.18	93	88846	35.37	ng	98
29) 2,4-Dichlorophenol	10.31	162	53787	30.18	ng	95
30) 1,2,4-Trichlorobenzene	10.42	180	65160	32.92	ng	100
31) Naphthalene	10.55	128	219897	31.77	ng	99
32) Benzoic acid	10.40	122	11122	10.50	ng	89
33) 4-Chloroaniline	10.82	127	38956	13.93	ng	98
34) Hexachlorobutadiene	10.92	225	39278	33.45	ng	93
35) Caprolactam	11.65	113	12025	22.92	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	63996	31.37	ng	91
37) 2-Methylnaphthalene	12.20	142	152940	32.35	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	62453	34.02	ng	96
40) Hexachlorocyclopentadiene	12.59	237	59502	61.35	ng	97

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

42) 2,4,6-Trichlorophenol	12.97	196	43024	32.17	nq	91
43) 2,4,5-Trichlorophenol	13.06	196	37553	27.53	nq	# 92
45) 1,1'-Biphenyl	13.36	154	185610	33.72	nq	99
46) 2-Chloronaphthalene	13.33	162	148424	32.77	nq	99
47) 2-Nitroaniline	13.69	65	46263	33.67	nq	89
48) Acenaphthylene	14.27	152	241210	31.57	nq	100
49) Dimethylphthalate	14.24	163	200673	38.11	nq	98
50) 2,6-Dinitrotoluene	14.34	165	36513	34.71	nq	96
51) Acenaphthene	14.69	154	131750	30.39	nq	93
52) 3-Nitroaniline	14.68	138	28735	21.94	nq	92
53) 2,4-Dinitrophenol	14.97	184	23009	51.51	nq	# 79
54) Dibenzofuran	15.12	168	211453	33.49	nq	97
55) 4-Nitrophenol	15.30	139	43217	52.36	nq	92
56) 2,4-Dinitrotoluene	15.28	165	52806	34.12	nq	96
57) Fluorene	15.89	166	172806	32.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	30410	30.62	nq	97
59) Diethylphthalate	15.91	149	190598	35.82	nq	100
60) 4-Chlorophenyl-phenylether	16.00	204	75037	34.28	nq	91
61) 4-Nitroaniline	16.07	138	34676	26.80	nq	98
62) Azobenzene	16.29	77	194983	35.17	nq	97
64) 4,6-Dinitro-2-methylphenol	16.13	198	22596	29.11	nq	81
65) n-Nitrosodiphenylamine	16.25	169	144801	32.01	nq	97
66) 4-Bromophenyl-phenylether	16.87	248	43323	33.70	nq	98
67) Hexachlorobenzene	16.88	284	43647	32.22	nq	# 84
68) Atrazine	17.27	200	50473	36.77	nq	94
69) Pentachlorophenol	17.27	266	28689	49.09	nq	99
70) Phenanthrene	17.54	178	242976	30.71	nq	98
71) Anthracene	17.62	178	245387	31.80	nq	98
72) Carbazole	17.92	167	230581	30.81	nq	98
73) Di-n-butylphthalate	18.51	149	299824	34.61	nq	# 98
74) Fluoranthene	19.20	202	246592	30.41	nq	98
76) Benzidine	19.45	184	112512	30.95	nq	100
77) Pyrene	19.47	202	252807	32.47	nq	99
79) Butylbenzylphthalate	20.42	149	132853	37.68	nq	89
80) Benzo(a)anthracene	21.00	228	223698	31.39	nq	99
81) 3,3'-Dichlorobenzidine	21.01	252	55496	24.50	nq	# 97
82) Chrysene	21.05	228	210688	32.41	nq	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	189985	38.94	nq	# 94
84) Di-n-octyl phthalate	21.94	149	315039	37.21	nq	97
85) Indeno(1,2,3-cd)pyrene	23.86	276	164997	23.95	nq	# 87
87) Benzo(b)fluoranthene	22.27	252	255666	38.63	nq	99
88) Benzo(k)fluoranthene	22.27	252	255666	44.21	nq	98
89) Benzo(a)pyrene	22.64	252	194626	33.34	nq	99
90) Dibenzo(a,h)anthracene	23.88	278	164216	30.66	nq	# 97
91) Benzo(g,h,i)perylene	24.12	276	161302	30.29	nq	# 93

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

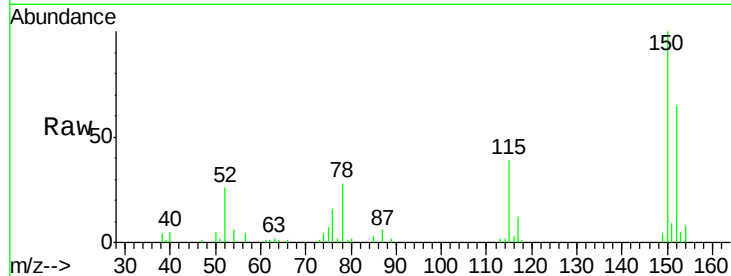


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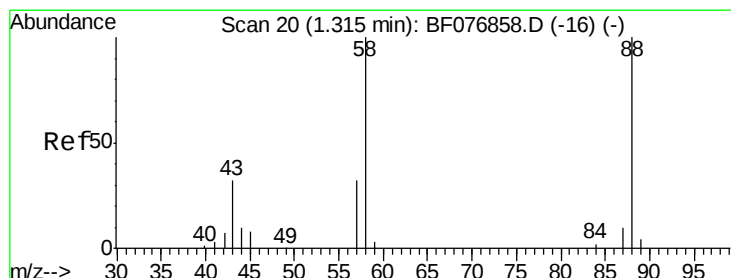
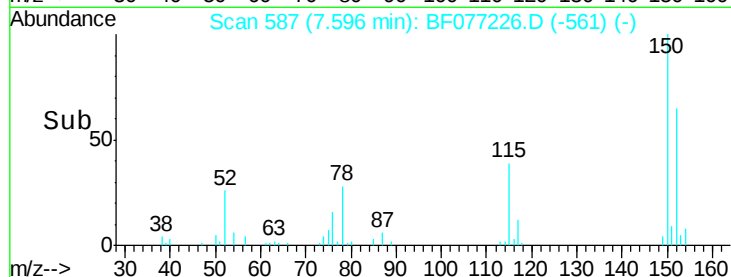
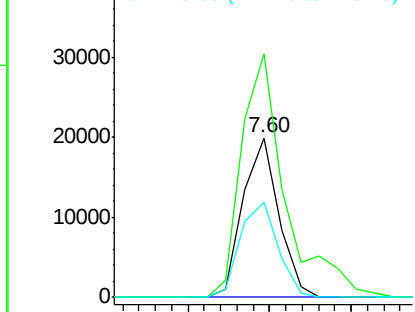
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30286
Ion Ratio Lower Upper
152 100
150 152.7 121.7 182.5
115 59.6 47.0 70.6



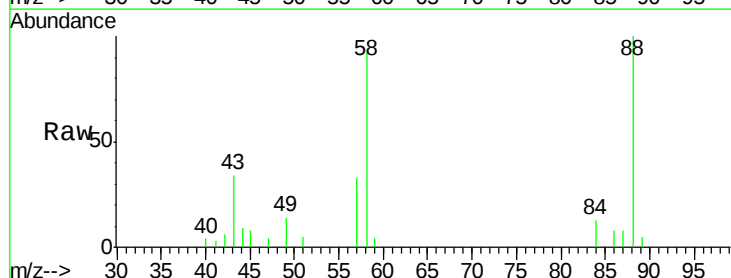
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



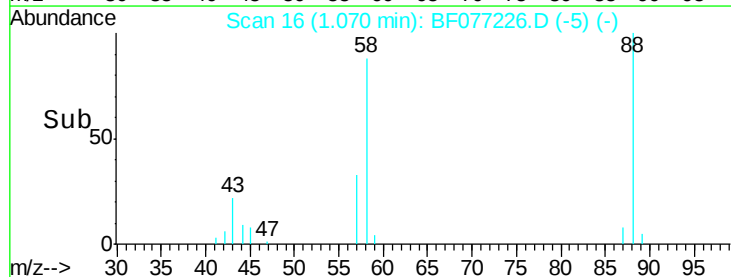
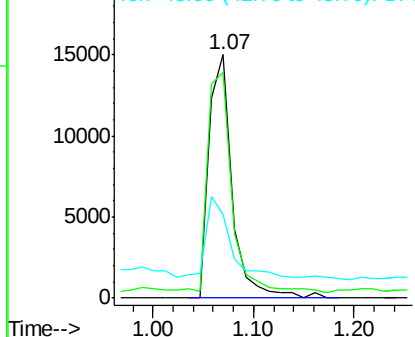
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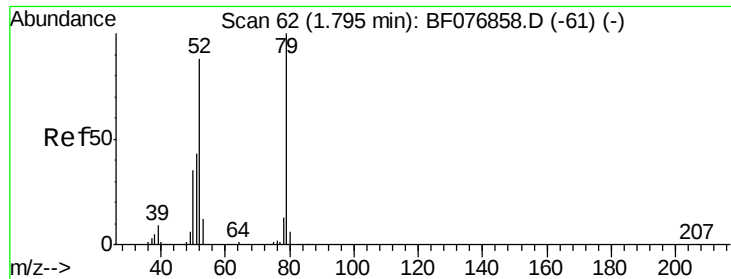
1,4-Dioxane
Concen: 30.29 ng
RT: 1.07 min Scan# 16
Delta R.T. 0.02 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion: 88 Resp: 23894
Ion Ratio Lower Upper
88 100
58 96.8 77.0 115.4
43 33.4 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

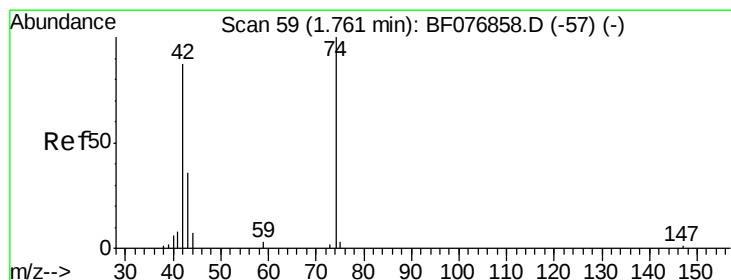
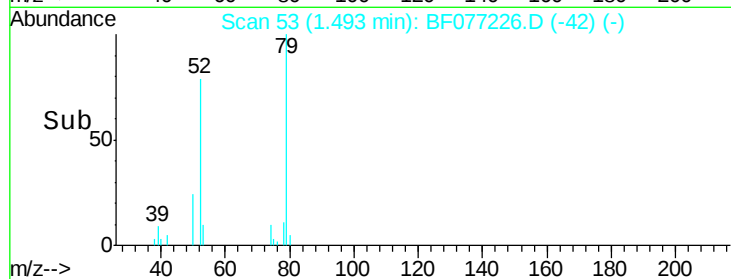
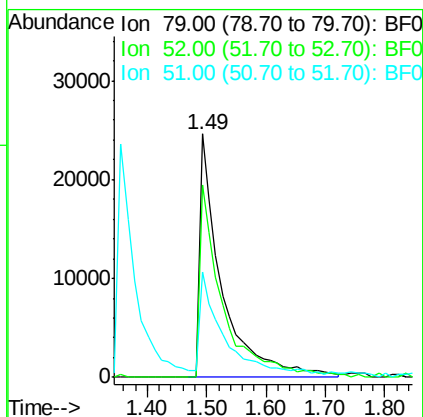
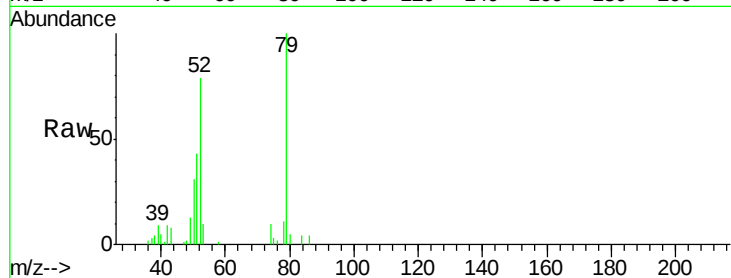




#3
 Pvridine
 Concen: 31.53 ng
 RT: 1.49 min Scan# 53
 Delta R.T. 0.02 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

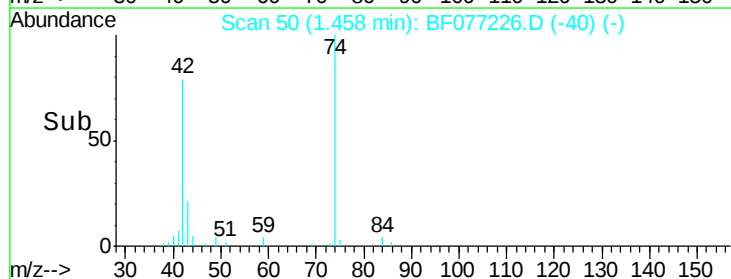
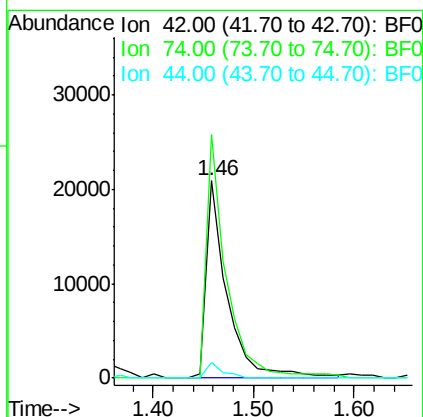
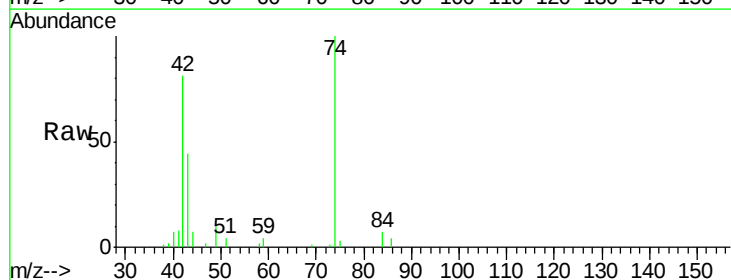
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 64356
 Ion Ratio Lower Upper
 79 100
 52 79.1 70.1 105.1
 51 43.2 35.1 52.7



#4
 n-Nitrosodimethylamine
 Concen: 29.83 ng
 RT: 1.46 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion: 42 Resp: 30157
 Ion Ratio Lower Upper
 42 100
 74 123.5 92.4 138.6
 44 8.1 6.2 9.2





#5

2-Fluorophenol

Concen: 112.47 ng

RT: 4.60 min Scan# 325

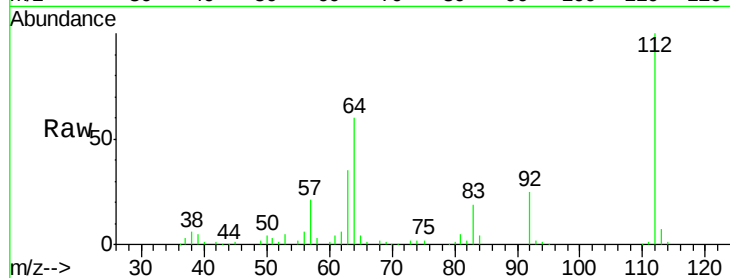
Delta R.T. 0.00 min

Lab File: BF077226.D

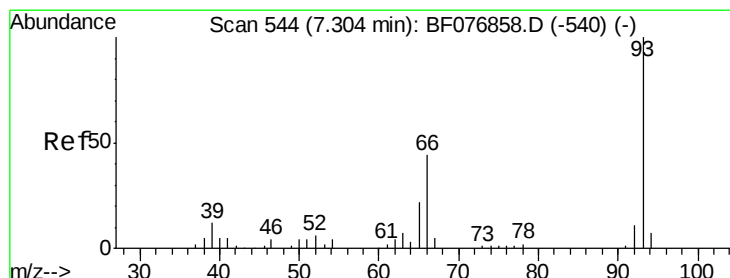
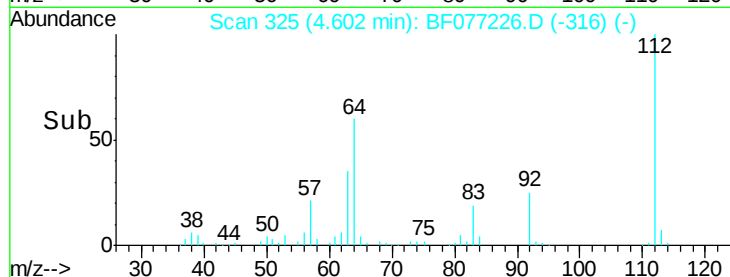
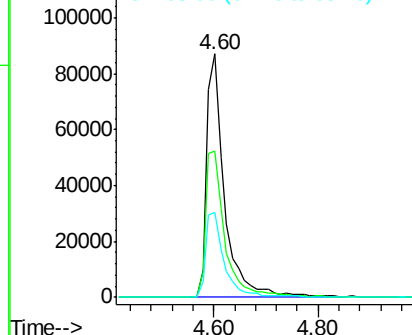
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	207178
Ion	Ratio	Lower	Upper
112	100		
64	60.1	54.2	81.4
63	34.6	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 15.79 ng

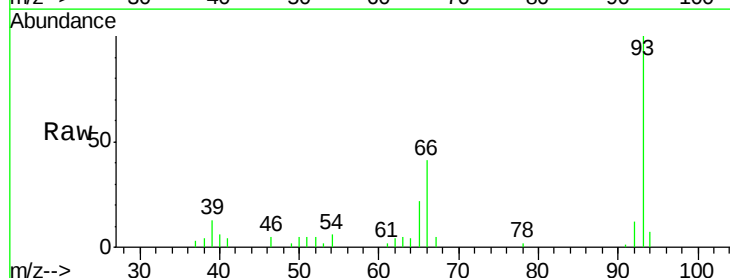
RT: 6.89 min Scan# 525

Delta R.T. 0.01 min

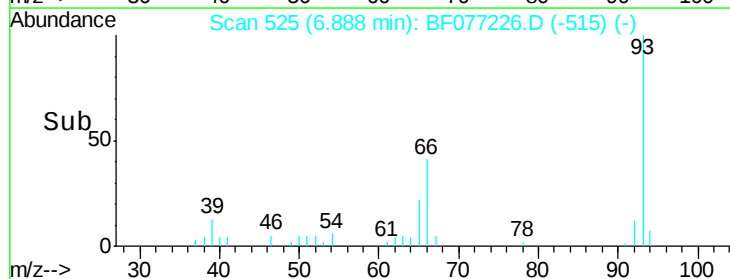
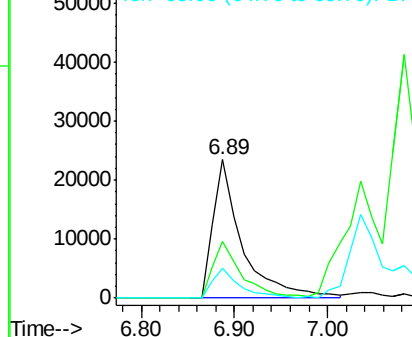
Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Tgt Ion:	93	Resp:	50776
Ion	Ratio	Lower	Upper
93	100		
66	41.3	35.0	52.4
65	21.7	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 111.08 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

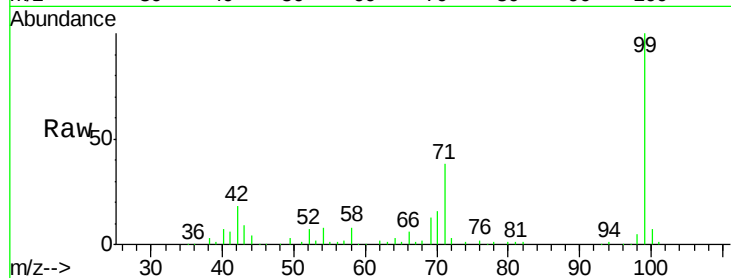
Tot Ion: 99 Resp: 258132

Ion Ratio Lower Upper

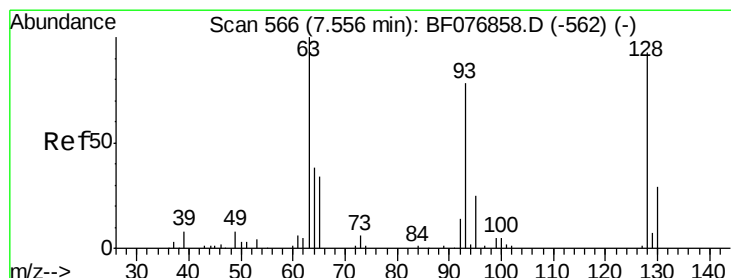
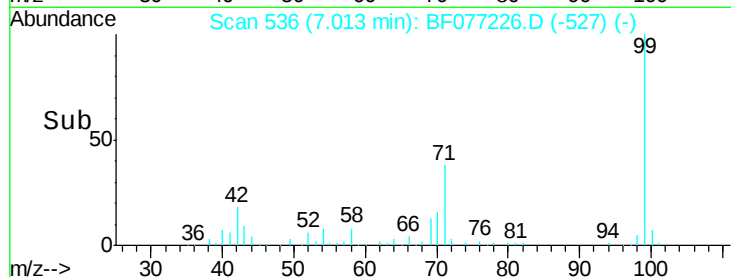
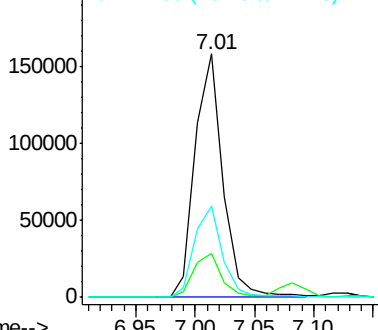
99 100

42 18.1 15.0 22.4

71 37.6 30.5 45.7



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



#8

2-Chlorophenol

Concen: 33.90 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

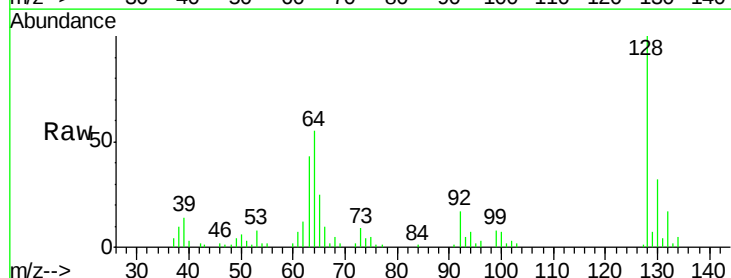
Tgt Ion: 128 Resp: 71991

Ion Ratio Lower Upper

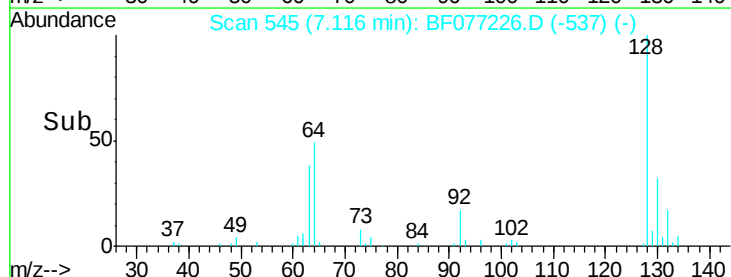
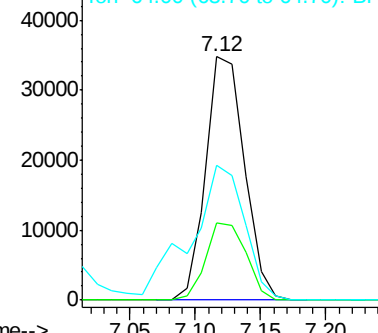
128 100

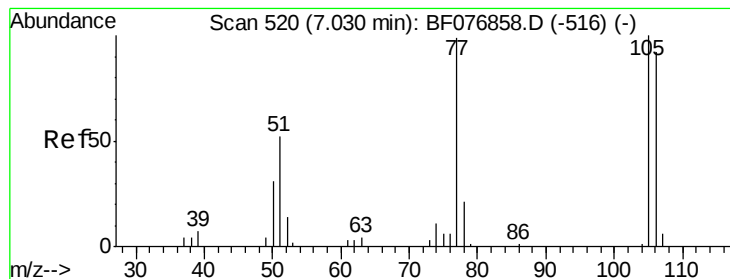
130 31.8 11.0 51.0

64 55.4 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: 2.17 ng

RT: 6.65 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampled :

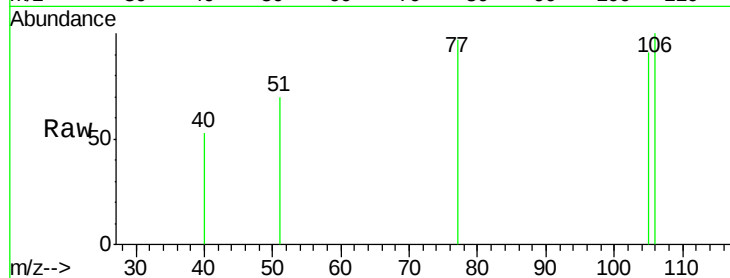
Tot Ion: 77 Resp: 4173

Ion Ratio Lower Upper

77 100

105 93.6 81.4 121.4

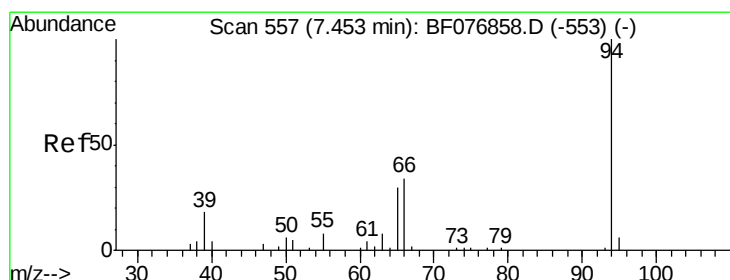
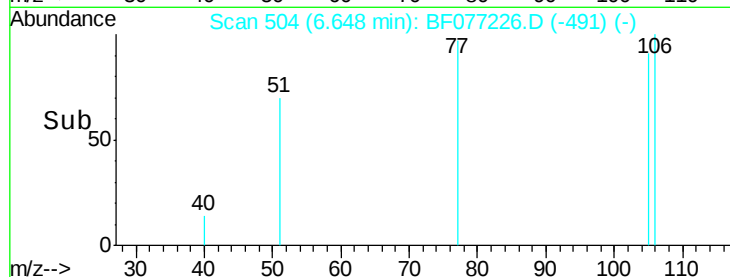
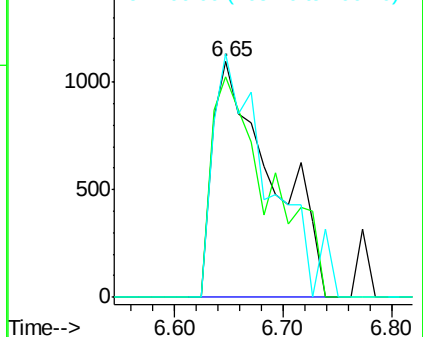
106 103.4 72.8 112.8



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: 35.09 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

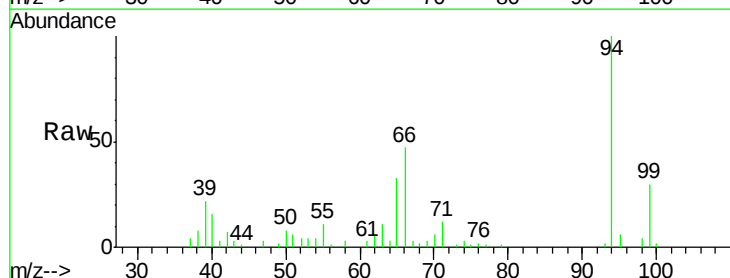
Tgt Ion: 94 Resp: 86577

Ion Ratio Lower Upper

94 100

65 33.3 11.3 51.3

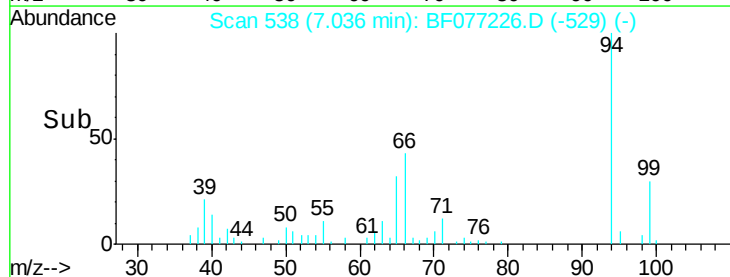
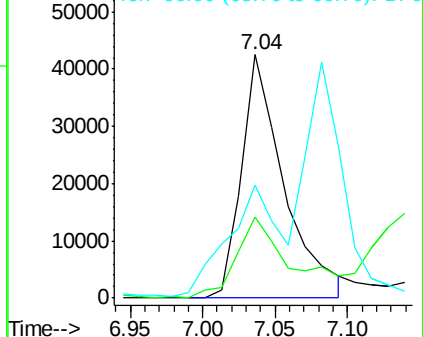
66 46.5 19.5 59.5

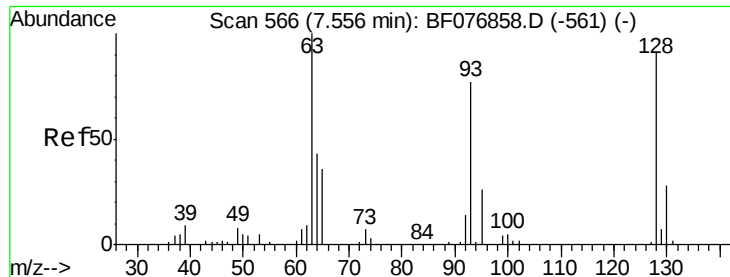


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

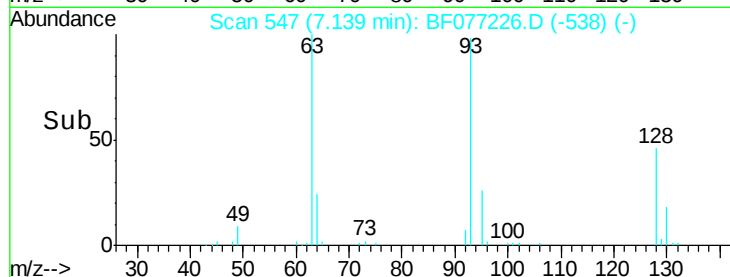
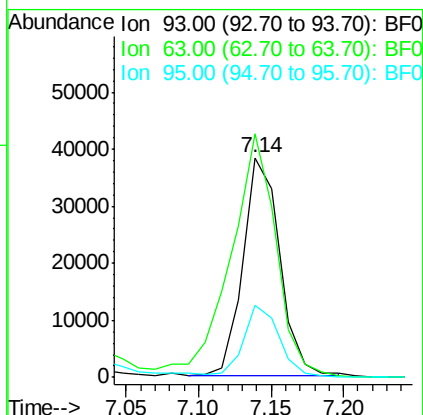
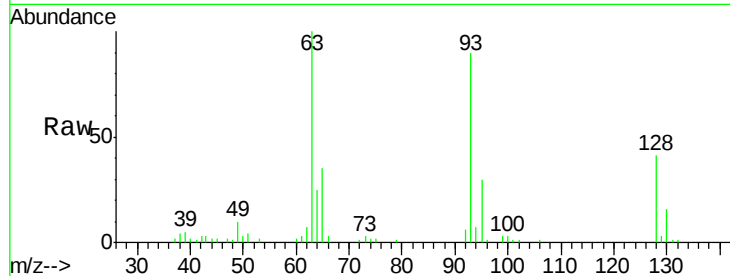




#11
bis(2-Chloroethyl)ether
Concen: 34.72 ng
RT: 7.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

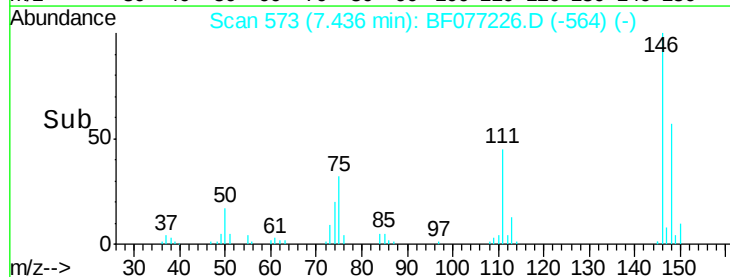
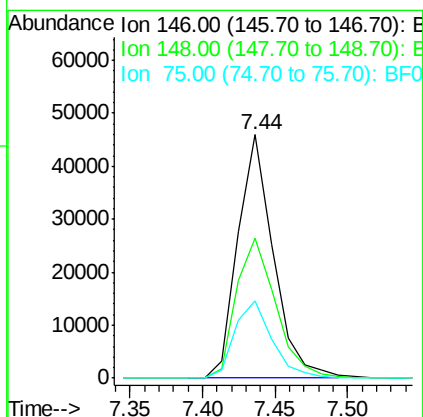
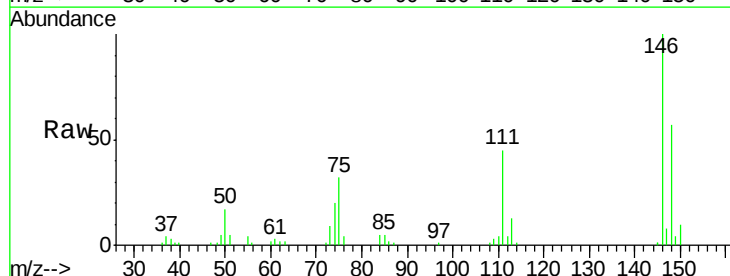
Instrument :
BNA_F
ClientSampleId :

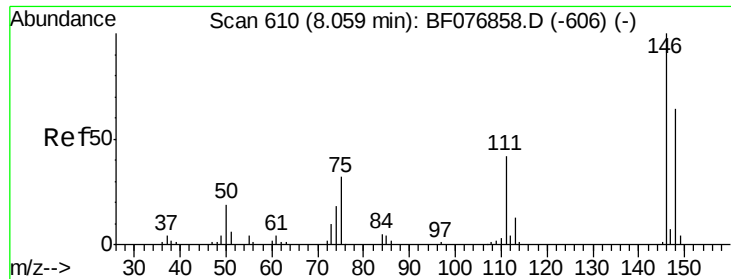
Tot Ion: 93 Resp: 67033
Ion Ratio Lower Upper
93 100
63 110.9 111.3 151.3#
95 33.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 32.39 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion: 146 Resp: 78247
Ion Ratio Lower Upper
146 100
148 57.4 48.1 72.1
75 31.8 26.8 40.2

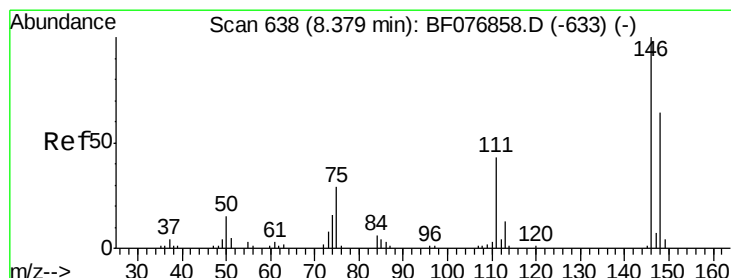
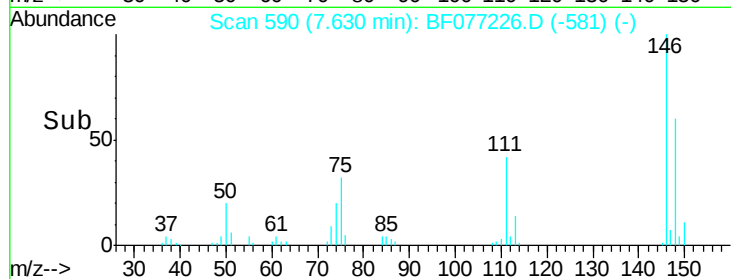
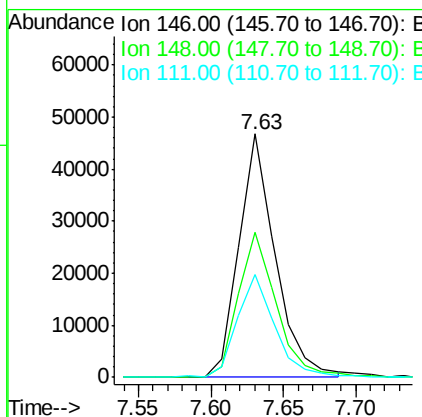
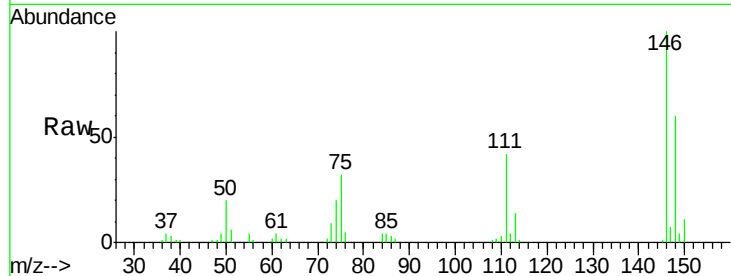




#13
 1,4-Dichlorobenzene
 Concen: 31.82 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

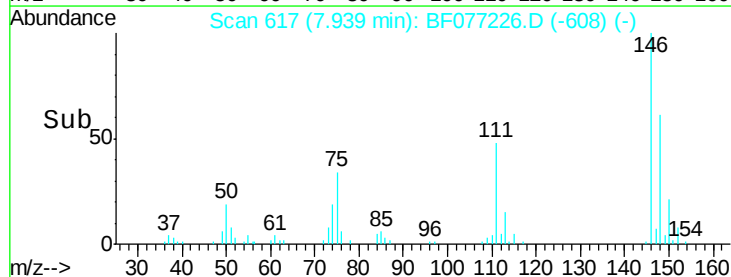
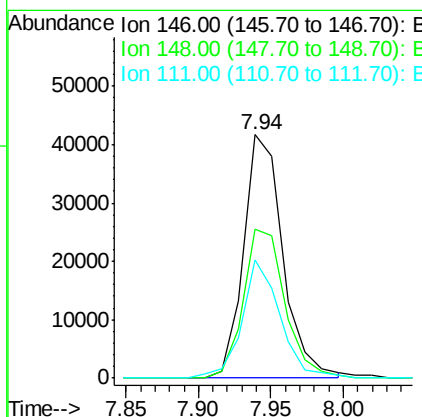
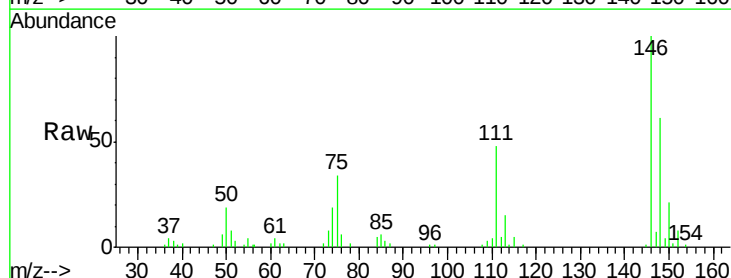
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 81508
 Ion Ratio Lower Upper
 146 100
 148 59.5 51.5 77.3
 111 42.2 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 33.18 ng
 RT: 7.94 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:146 Resp: 78324
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.3 76.9
 111 48.3 34.5 51.7





#15

Benzyl Alcohol

Concen: 34.26 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampled :

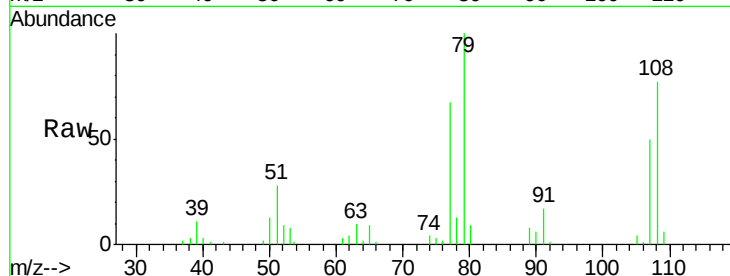
Tot Ion: 79 Resp: 64412

Ion Ratio Lower Upper

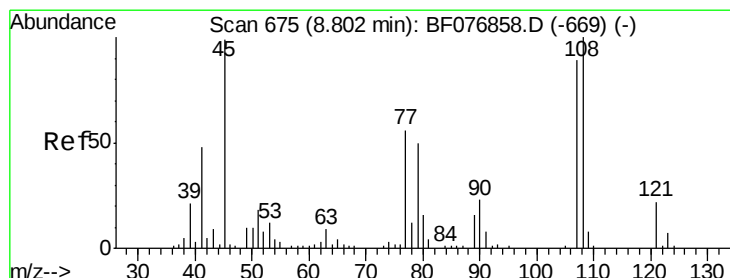
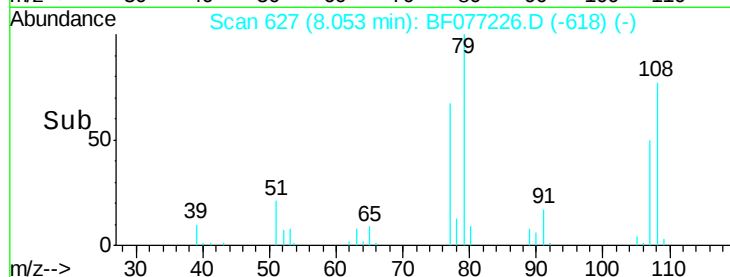
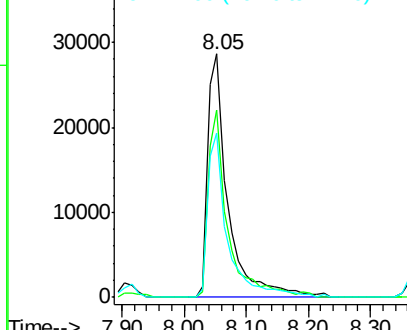
79 100

108 77.1 57.2 85.8

77 67.3 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: 35.85 ng

RT: 8.40 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

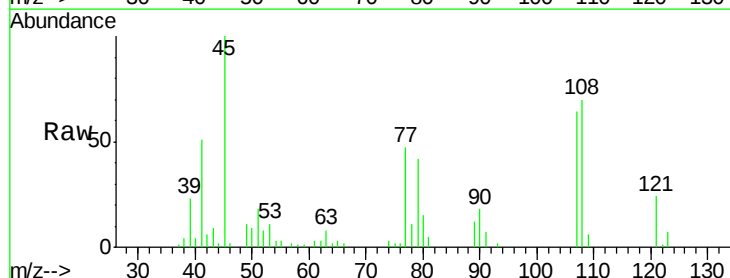
Tgt Ion: 45 Resp: 93044

Ion Ratio Lower Upper

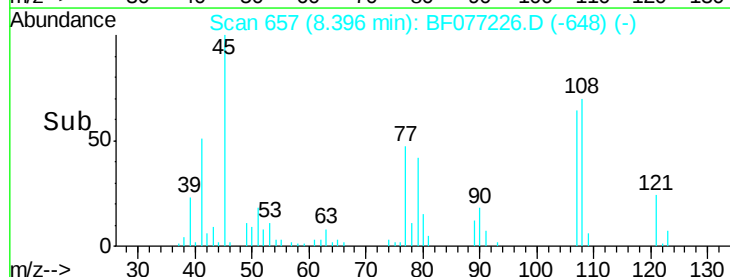
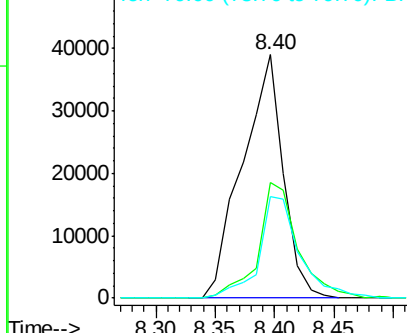
45 100

77 47.3 36.1 76.1

79 41.8 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: 33.64 ng

RT: 8.41 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 58388

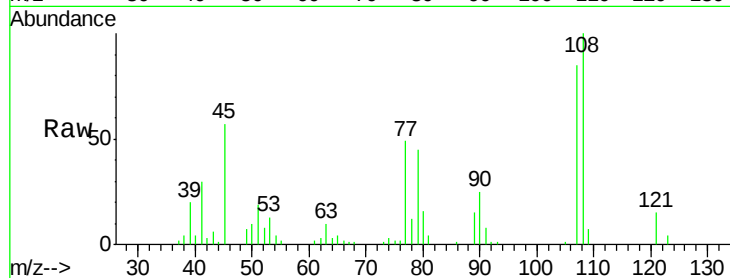
Ion Ratio Lower Upper

107 100

108 118.2 89.7 134.5

77 58.5 50.1 75.1

79 53.6 45.0 67.6

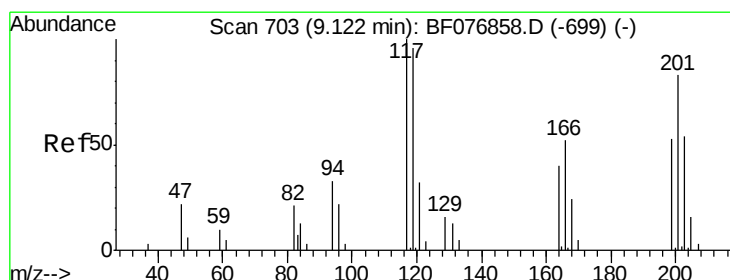
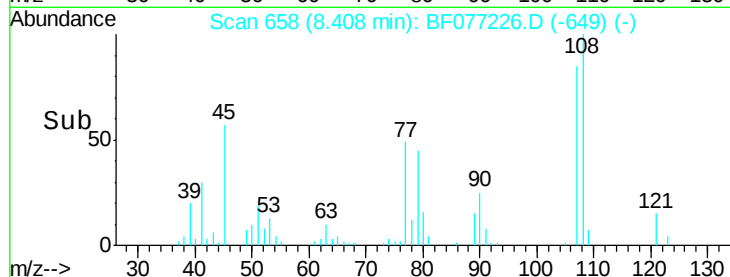
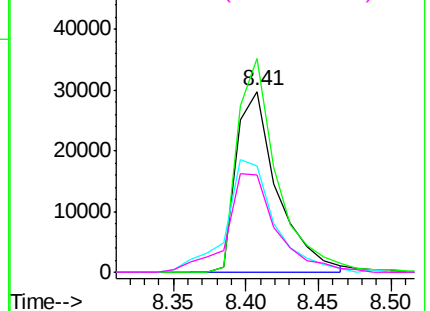


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.74 ng

RT: 8.68 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

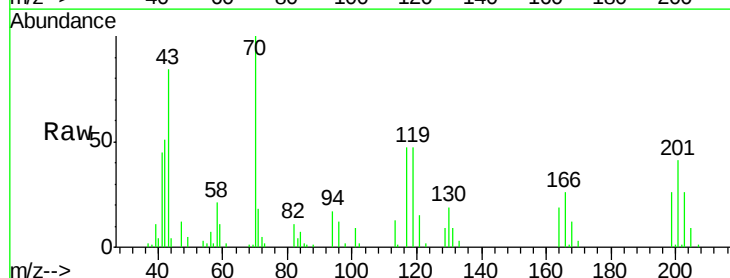
Tgt Ion:117 Resp: 30953

Ion Ratio Lower Upper

117 100

119 100.3 77.1 115.7

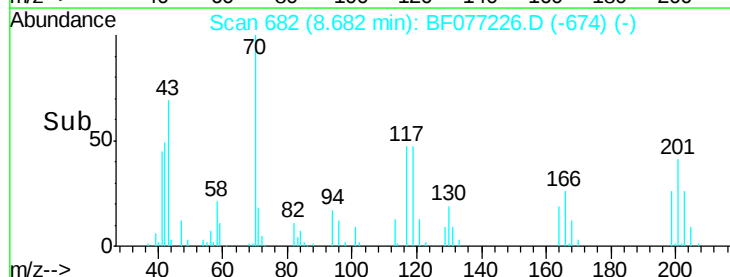
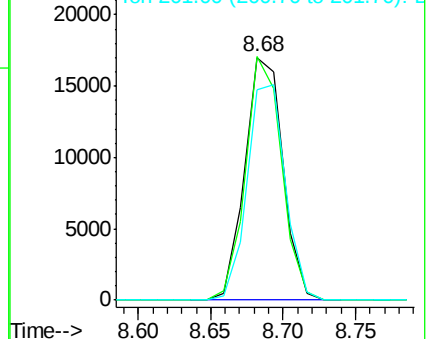
201 86.7 66.8 100.2

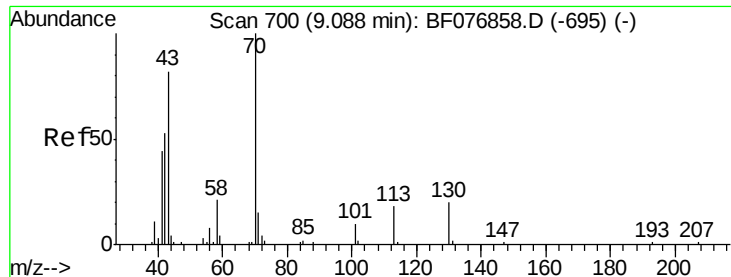


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

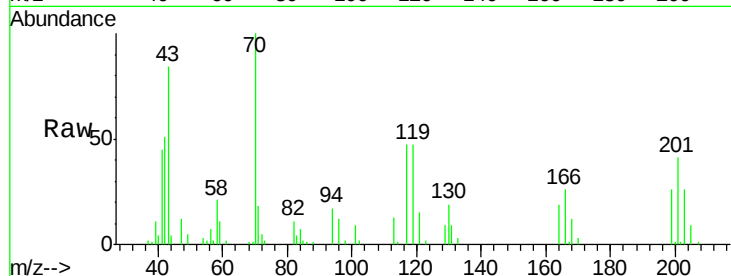




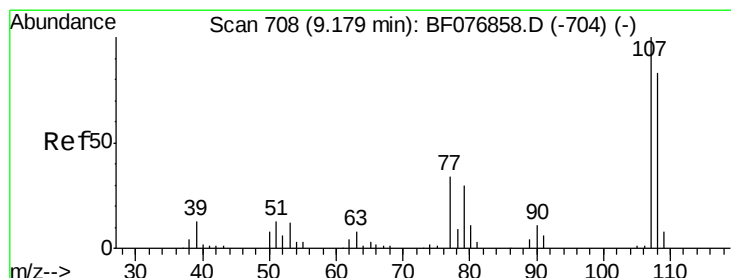
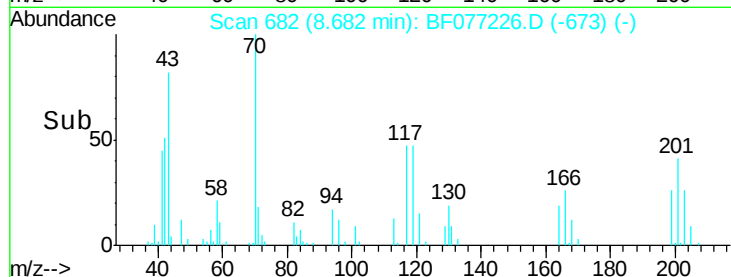
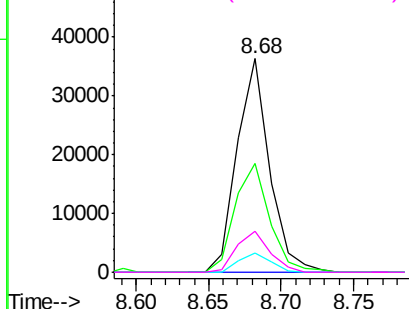
#19
 n-Nitroso-di-n-propylamine
 Concen: 34.78 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 70 Resp: 56571
 Ion Ratio Lower Upper
 70 100
 42 51.2 42.1 63.1
 101 9.1 7.8 11.8
 130 19.3 16.2 24.4

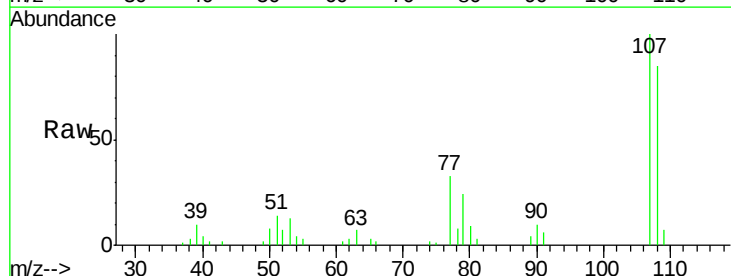


Abundance Ion 70.00 (69.70 to 70.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

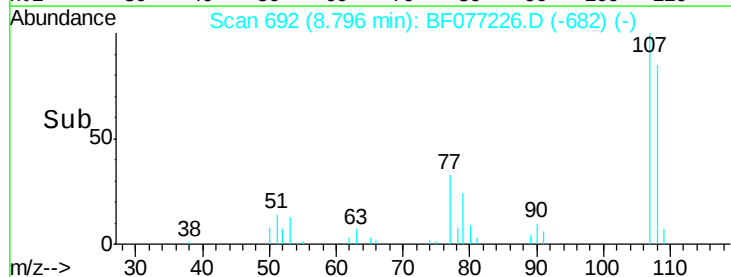
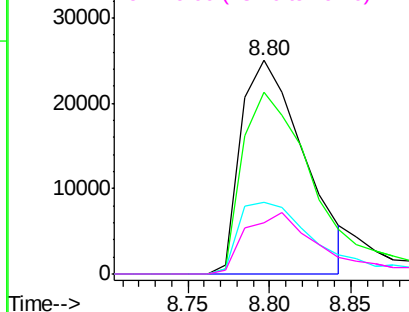


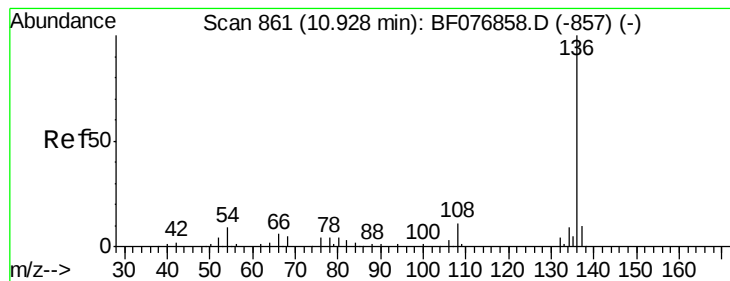
#20
 3+4-Methylphenols
 Concen: 29.20 ng
 RT: 8.80 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion: 107 Resp: 67104
 Ion Ratio Lower Upper
 107 100
 108 85.3 63.5 103.5
 77 33.3 14.0 54.0
 79 23.7 9.9 49.9



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 134458

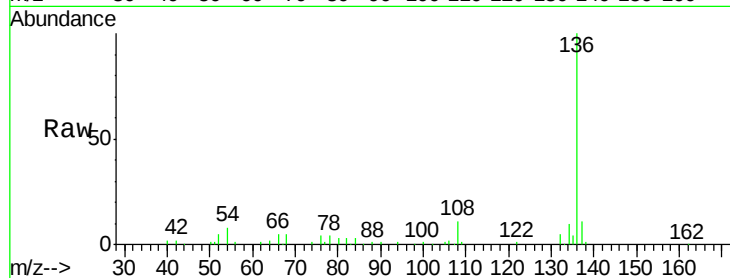
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.2 7.0 10.4

68 4.5 3.7 5.5

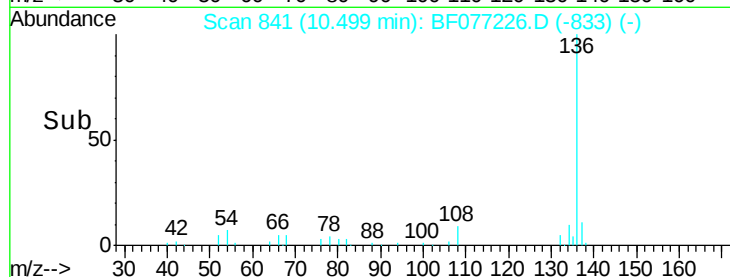


Abundance Ion 136.00 (135.70 to 136.70): E

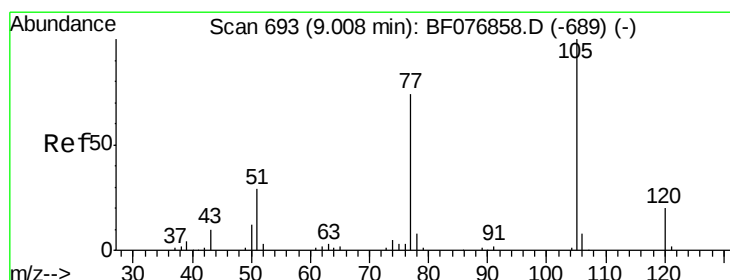
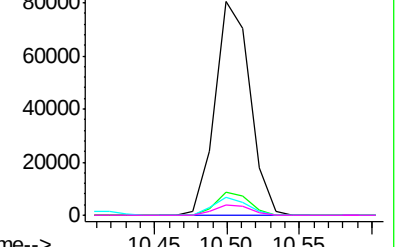
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 33.54 ng

RT: 8.60 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Tgt Ion:105 Resp: 110472

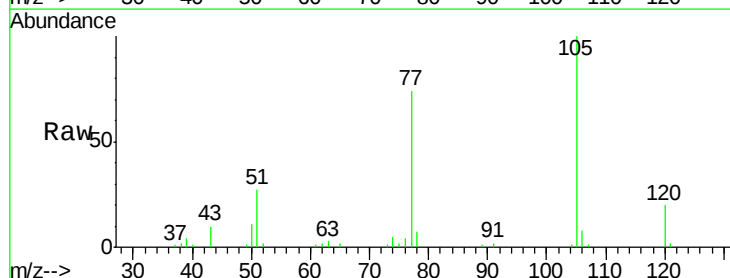
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.5 23.3 34.9

120 19.9 16.1 24.1

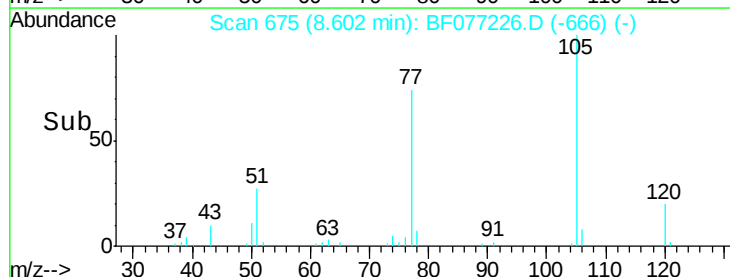


Abundance Ion 105.00 (104.70 to 105.70): E

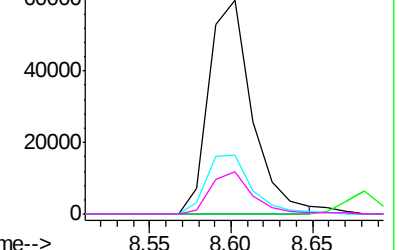
Ion 71.00 (70.70 to 71.70): BF0

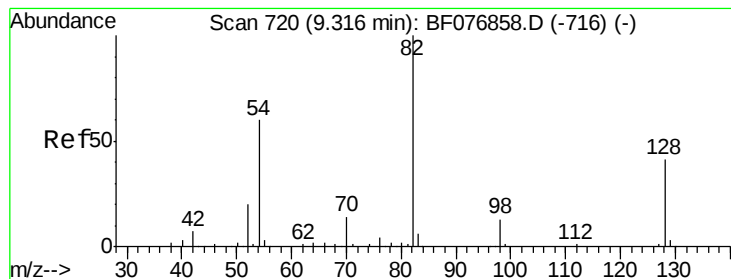
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 68.24 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampled :

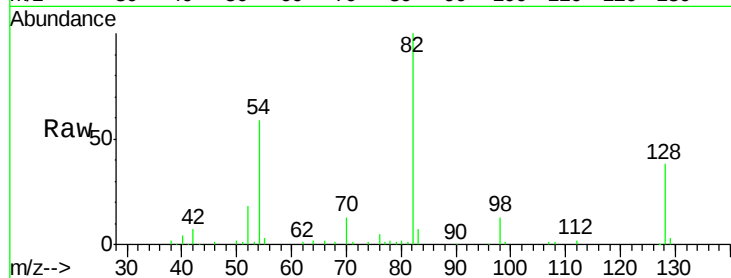
Tot Ion: 82 Resp: 165628

Ion Ratio Lower Upper

82 100

128 37.8 33.1 49.7

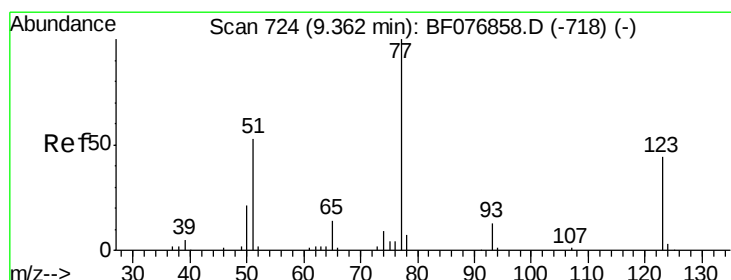
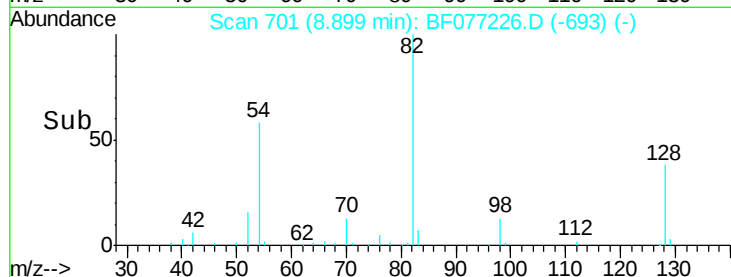
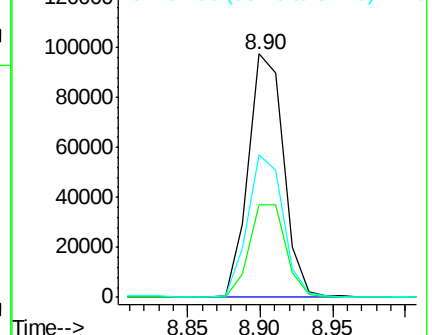
54 58.7 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.92 ng

RT: 8.94 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

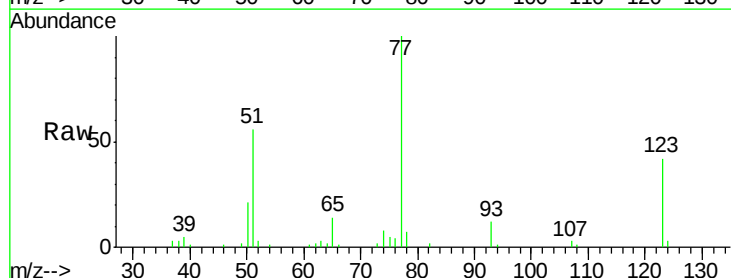
Tgt Ion: 77 Resp: 78932

Ion Ratio Lower Upper

77 100

123 41.9 35.2 52.8

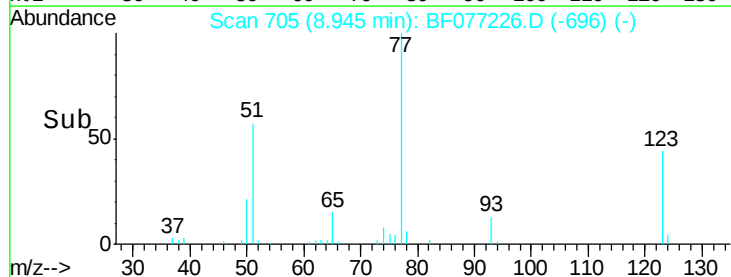
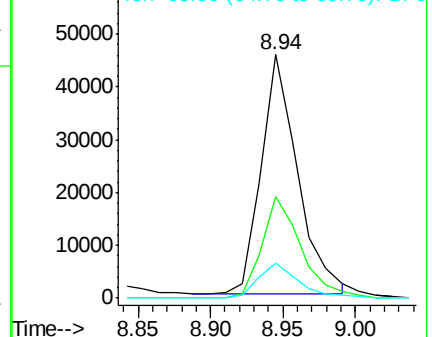
65 14.4 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.86 ng

RT: 9.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

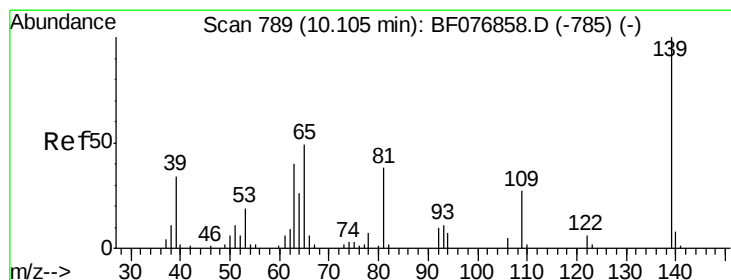
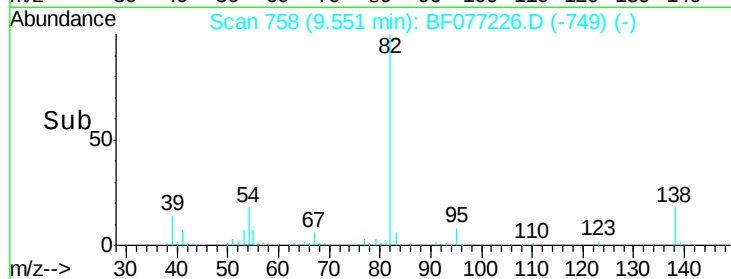
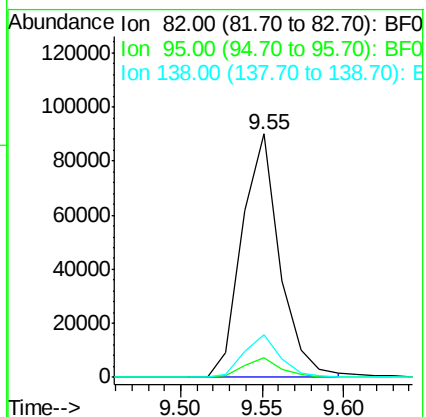
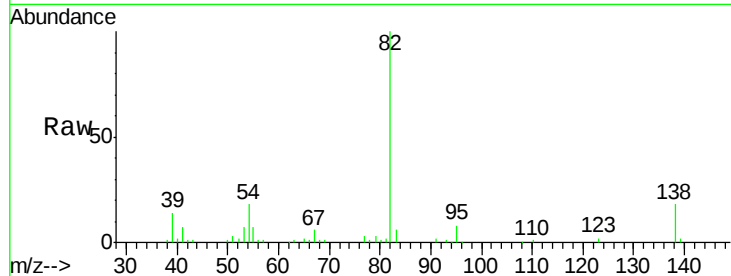
Tot Ion: 82 Resp: 145227

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

138 17.6 12.6 18.8



#26

2-Nitrophenol

Concen: 29.88 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

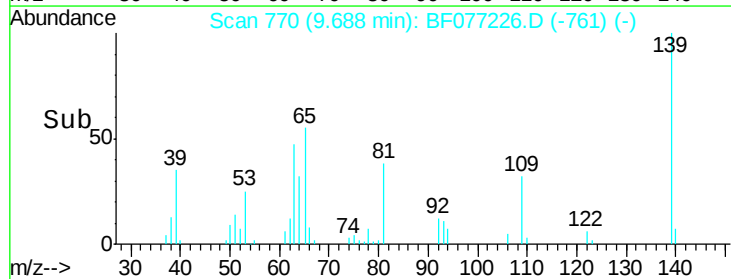
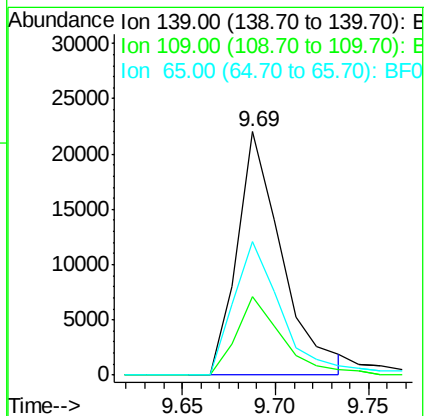
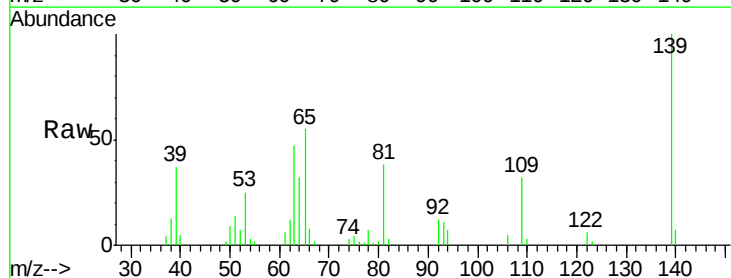
Tgt Ion: 139 Resp: 36959

Ion Ratio Lower Upper

139 100

109 32.5 21.3 31.9#

65 54.8 39.4 59.0

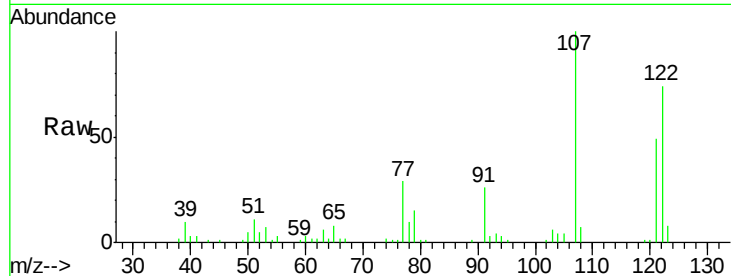




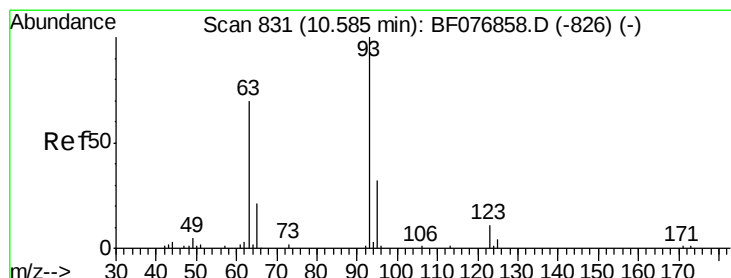
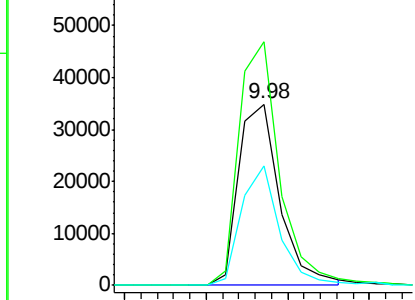
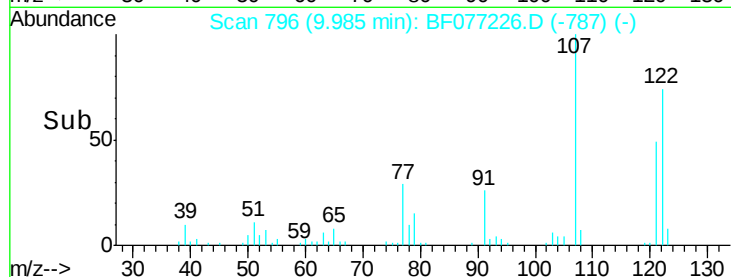
#27
 2,4-Dimethylphenol
 Concen: 31.98 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 61134
 Ion Ratio Lower Upper
 122 100
 107 134.5 95.2 142.8
 121 66.2 42.9 64.3#

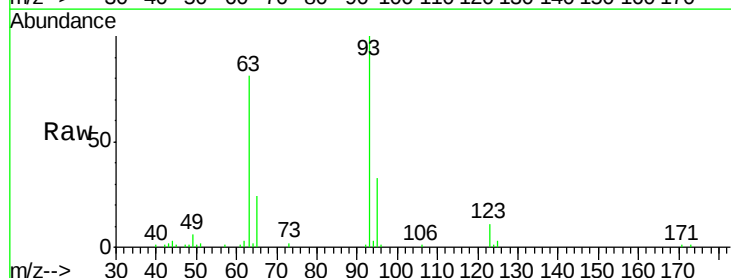


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

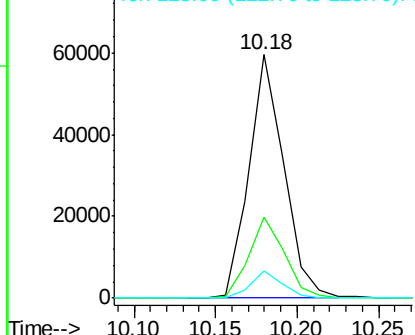
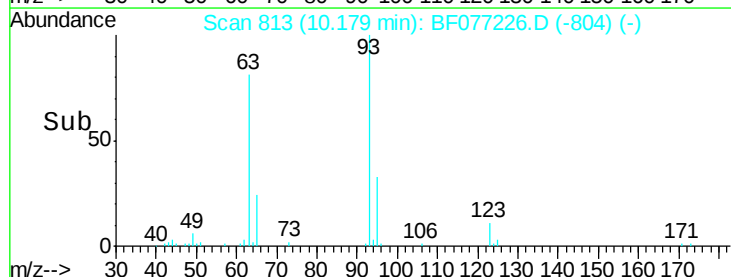


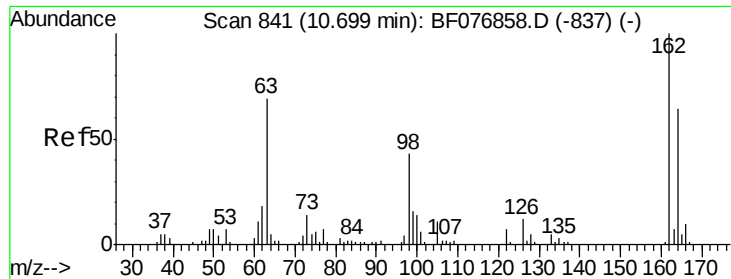
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.37 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion: 93 Resp: 88846
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.6 38.4
 123 11.0 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

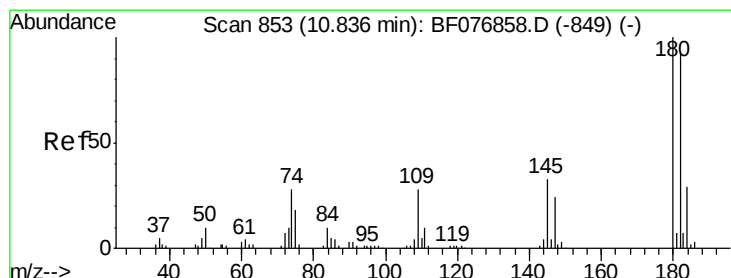
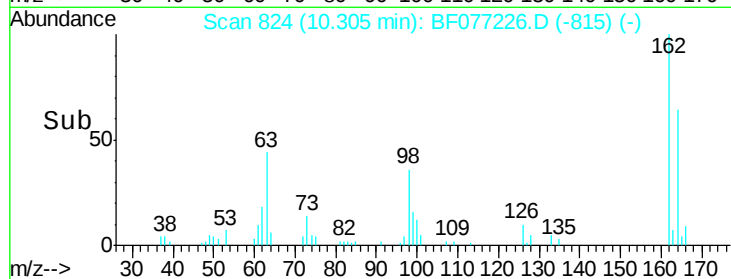
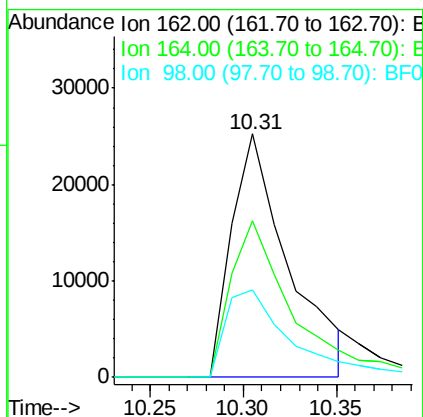
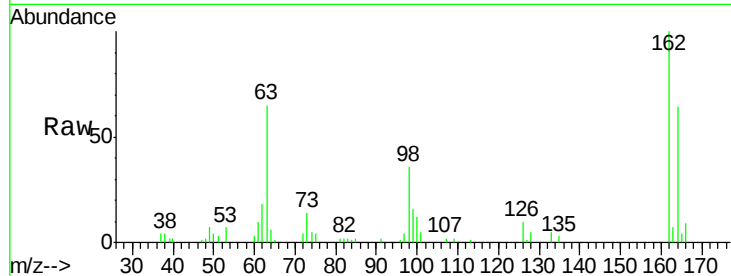




#29
 2,4-Dichlorophenol
 Concen: 30.18 ng
 RT: 10.31 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

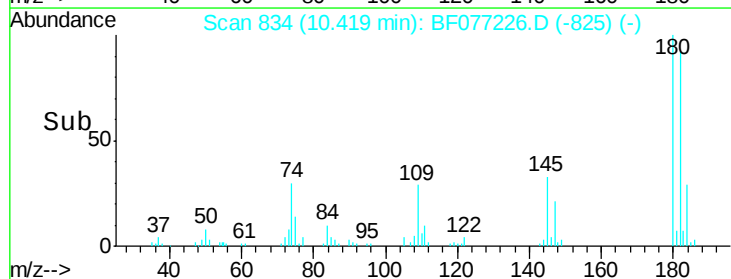
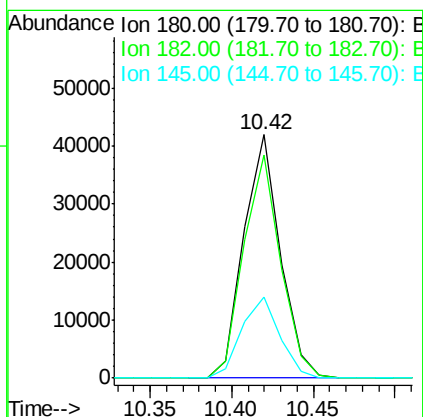
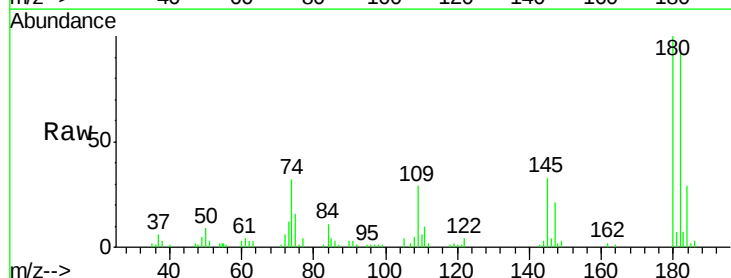
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 53787
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.8 83.8
 98 35.7 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 32.92 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:180 Resp: 65160
 Ion Ratio Lower Upper
 180 100
 182 91.6 73.6 110.4
 145 33.2 26.6 39.8

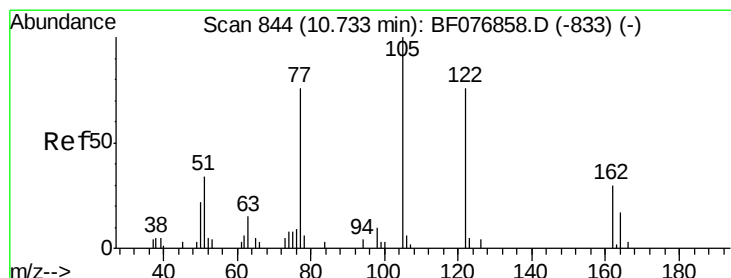
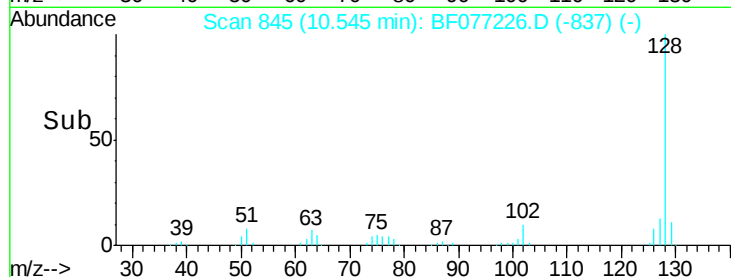
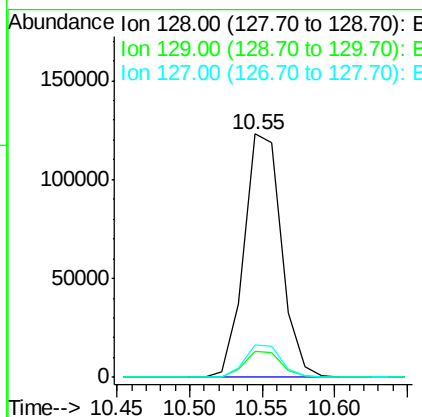
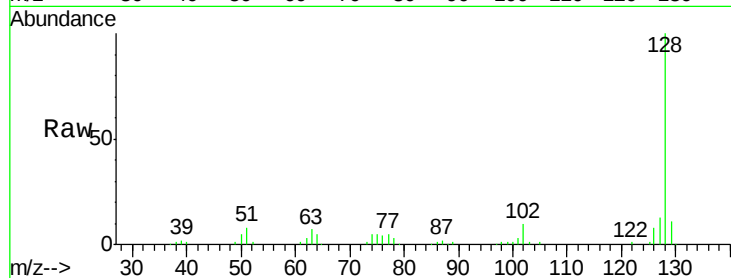




#31
Naphthalene
Concen: 31.77 ng
RT: 10.55 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

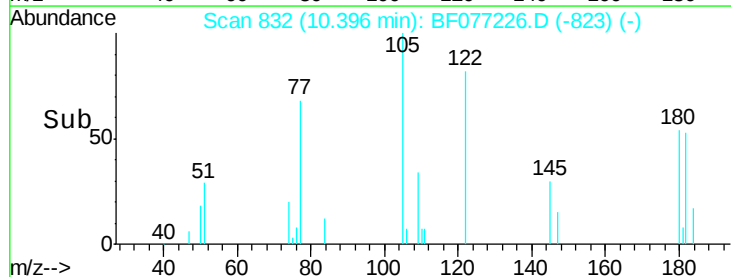
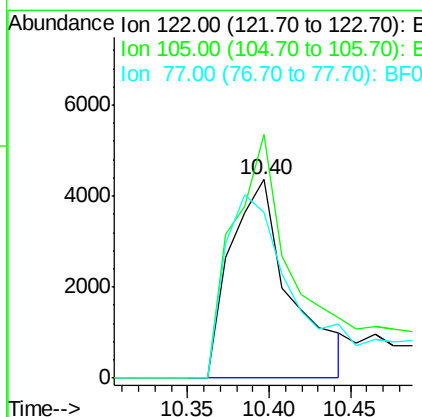
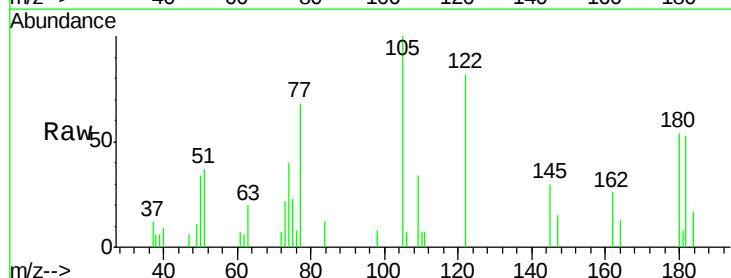
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 219897
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 10.50 ng
RT: 10.40 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:122 Resp: 11122
Ion Ratio Lower Upper
122 100
105 122.5 111.3 151.3
77 83.3 79.2 119.2

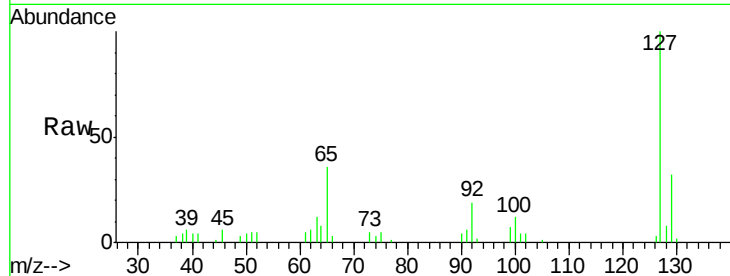




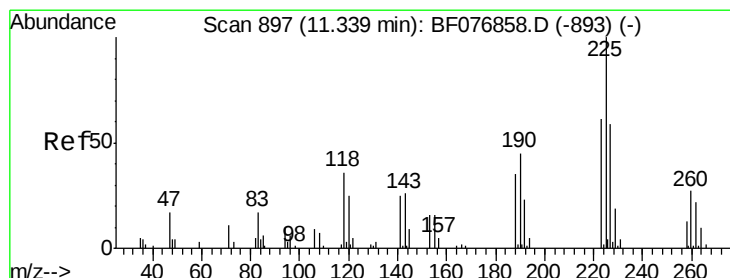
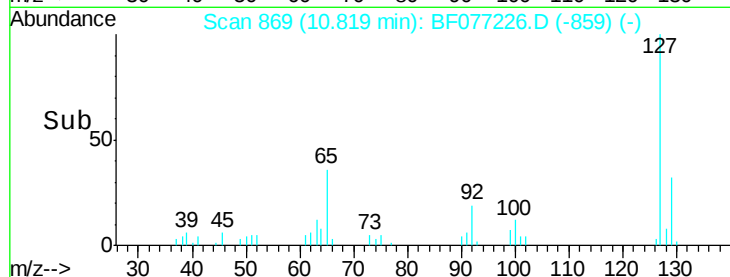
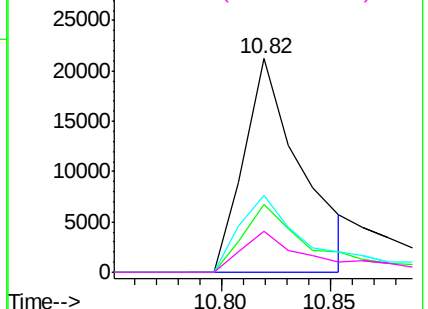
#33
4-Chloroaniline
Concen: 13.93 ng
RT: 10.82 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 38956
Ion Ratio Lower Upper
127 100
129 31.7 25.3 37.9
65 35.9 27.8 41.6
92 19.2 16.5 24.7

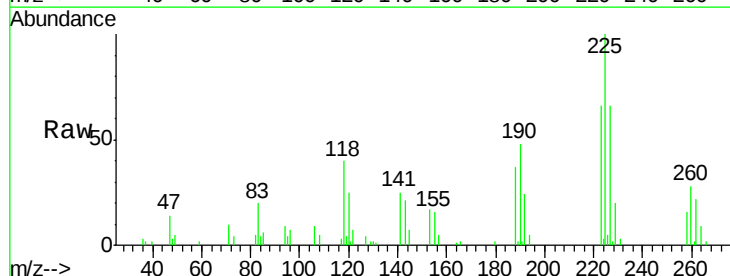


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

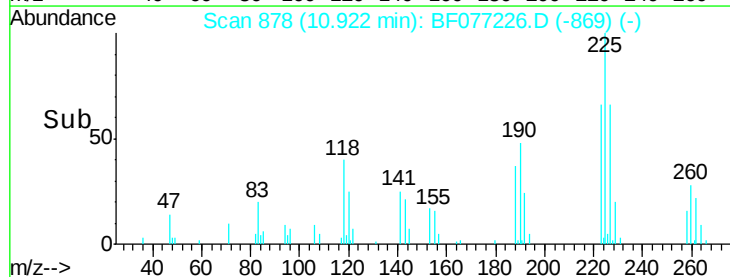
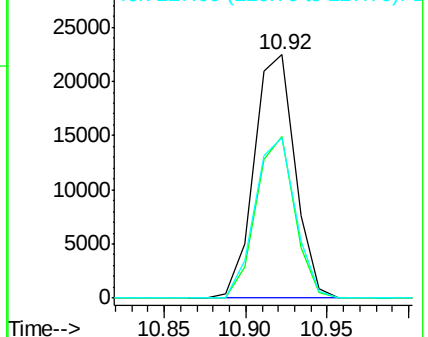


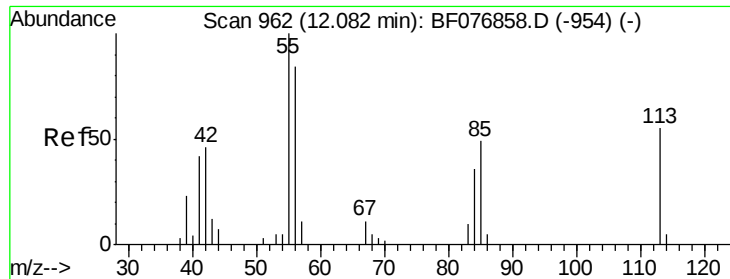
#34
Hexachlorobutadiene
Concen: 33.45 ng
RT: 10.92 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:225 Resp: 39278
Ion Ratio Lower Upper
225 100
223 66.2 49.1 73.7
227 65.6 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

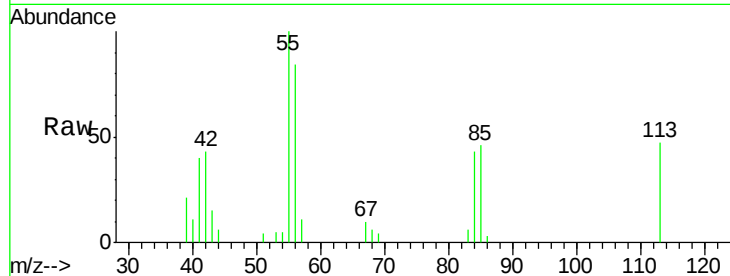




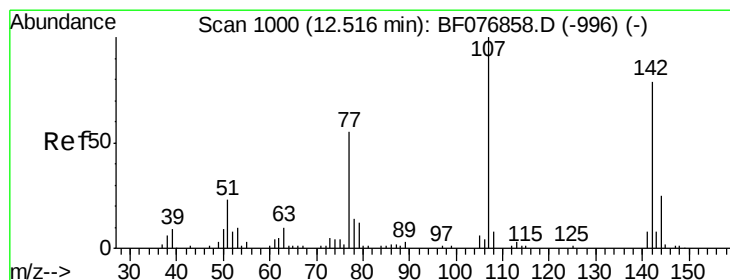
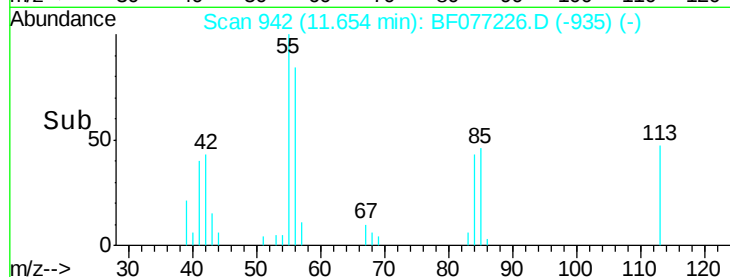
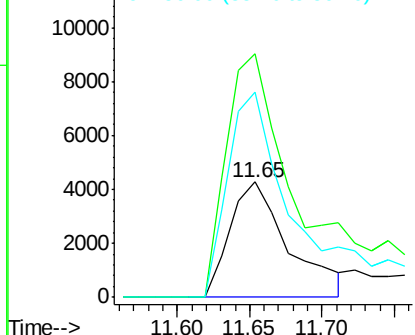
#35
 Caprolactam
 Concen: 22.92 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 12025
 Ion Ratio Lower Upper
 113 100
 55 210.8 162.1 202.1#
 56 178.1 133.7 173.7#

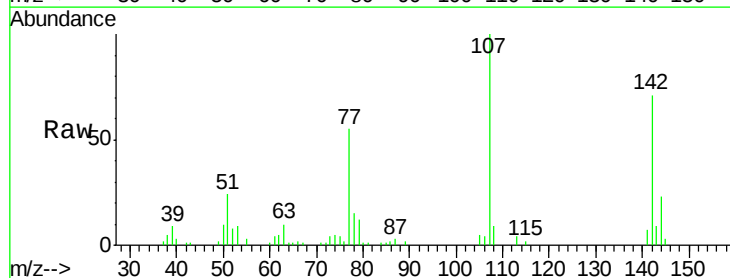


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

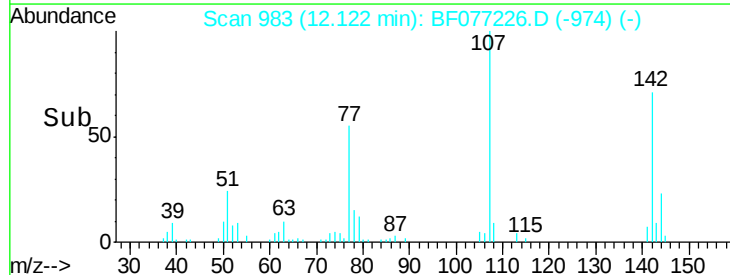
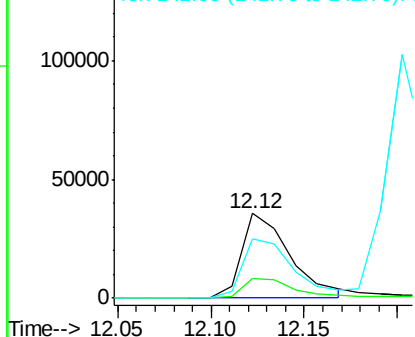


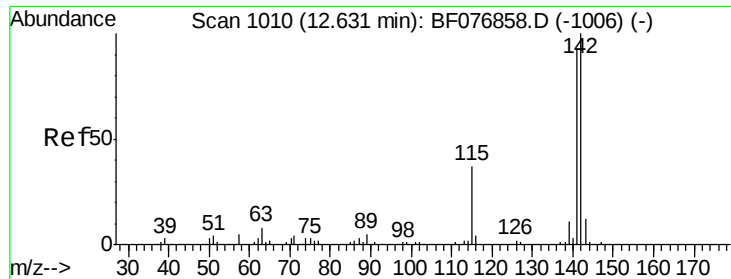
#36
 4-Chloro-3-methylphenol
 Concen: 31.37 ng
 RT: 12.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:107 Resp: 63996
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.0 30.0
 142 70.5 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

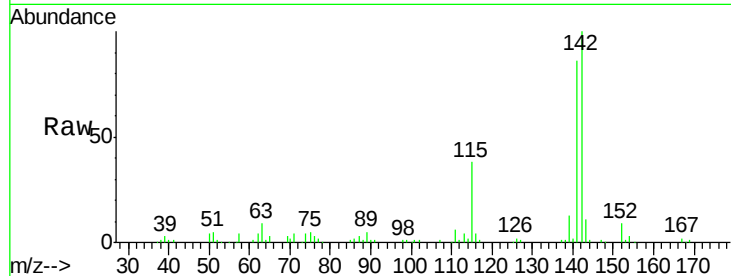




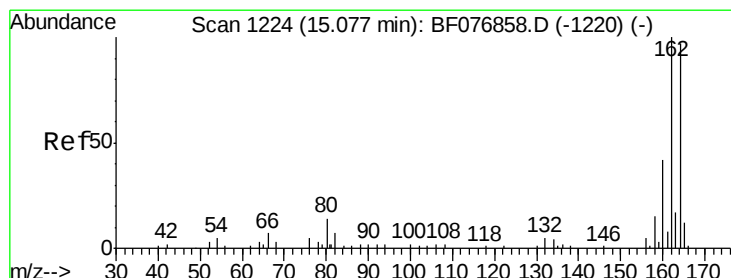
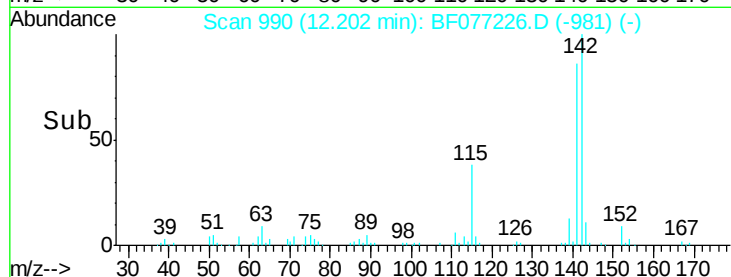
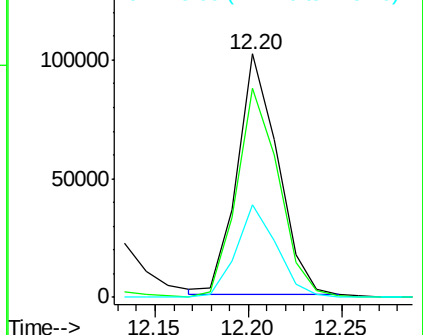
#37
2-Methylnaphthalene
Concen: 32.35 ng
RT: 12.20 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 152940
Ion Ratio Lower Upper
142 100
141 85.8 74.5 111.7
115 37.8 29.7 44.5

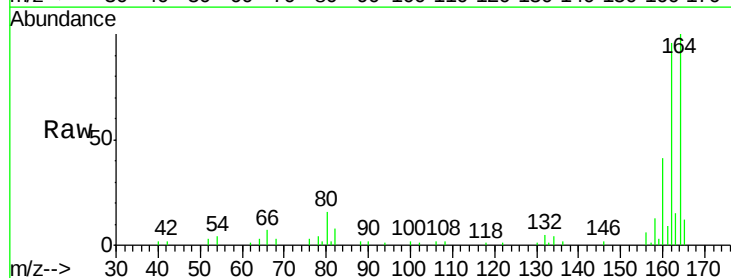


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

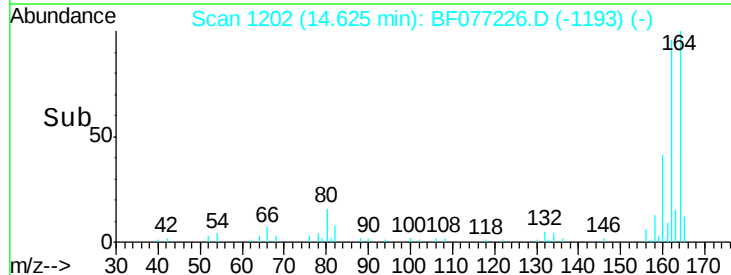
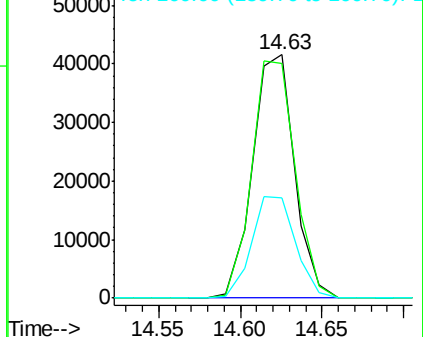


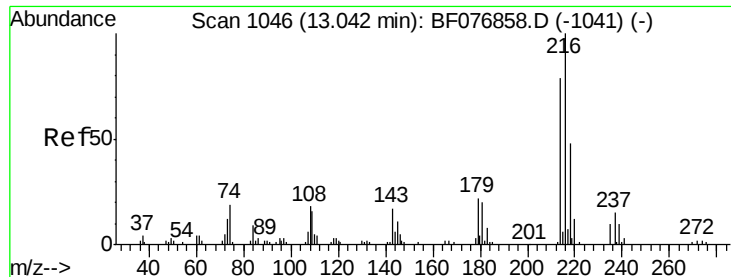
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:164 Resp: 74248
Ion Ratio Lower Upper
164 100
162 96.4 82.4 123.6
160 41.1 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: 34.02 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 62453

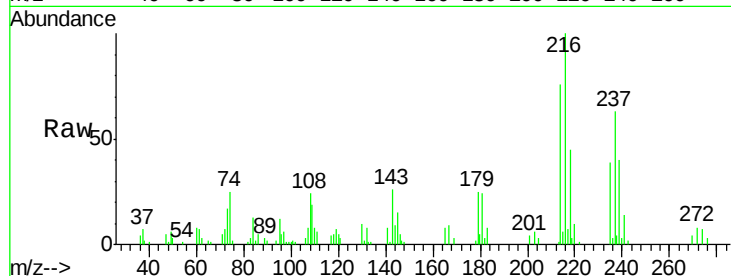
Ion Ratio Lower Upper

216 100

214 76.5 64.9 97.3

179 24.0 18.6 28.0

108 24.4 18.1 27.1

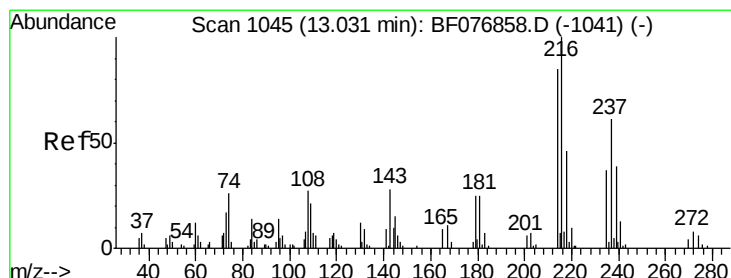
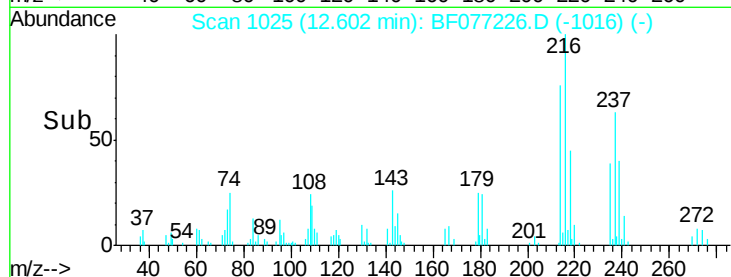
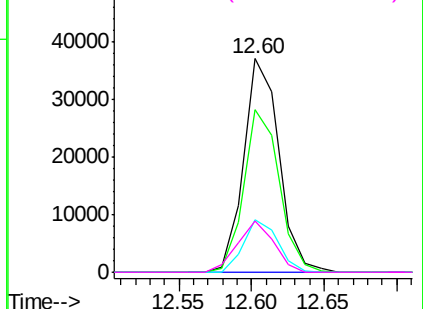


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.35 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

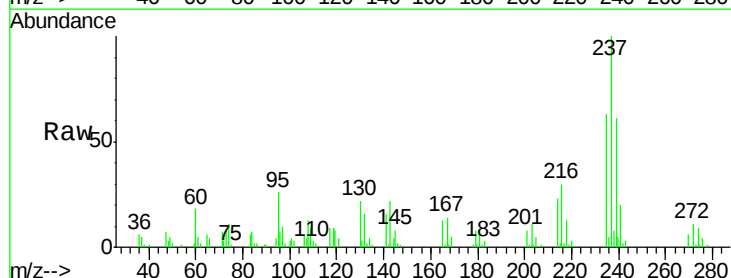
Tgt Ion:237 Resp: 59502

Ion Ratio Lower Upper

237 100

235 62.7 40.4 80.4

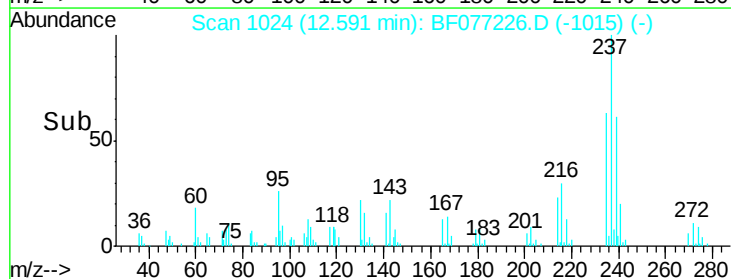
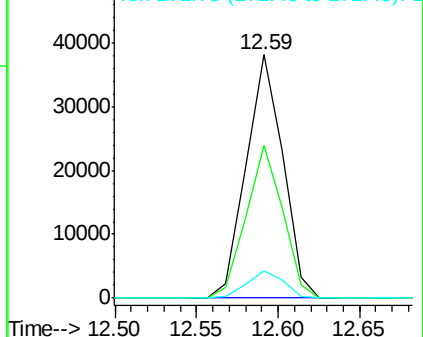
272 11.5 0.0 33.2



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

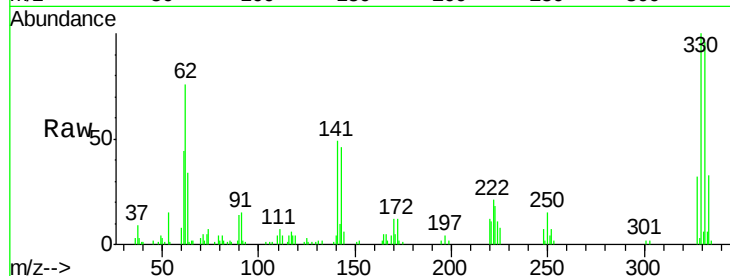




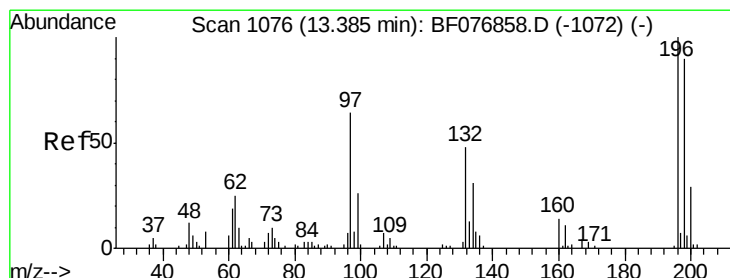
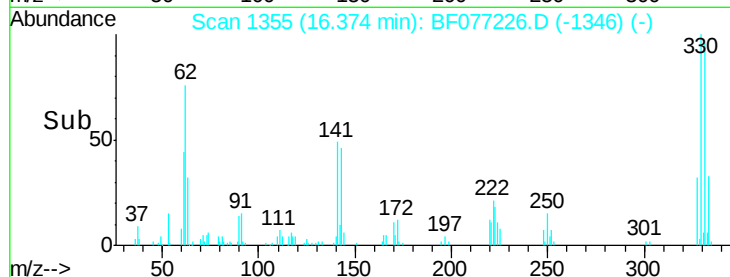
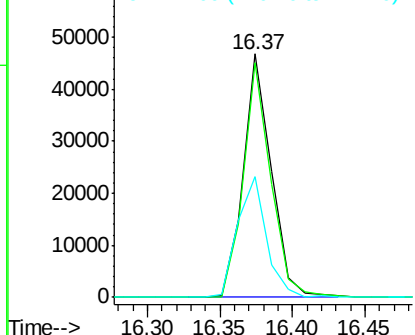
#41
 2,4,6-Tribromophenol
 Concen: 104.22 ng
 RT: 16.37 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 62813
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.8 116.6
 141 51.0 38.5 57.7

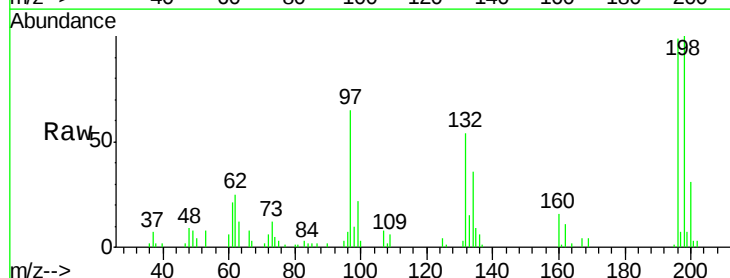


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

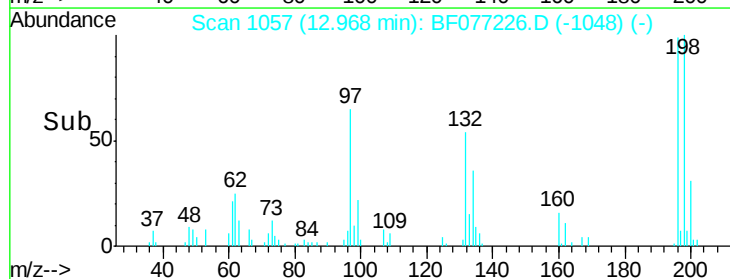
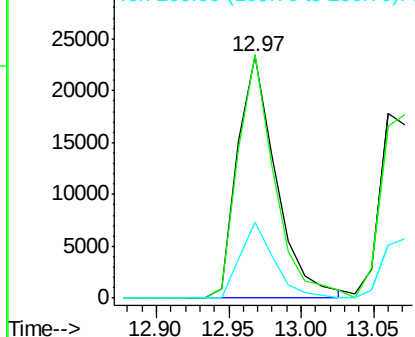


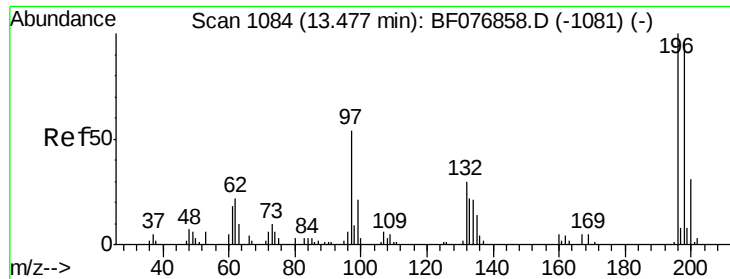
#42
 2,4,6-Trichlorophenol
 Concen: 32.17 ng
 RT: 12.97 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:196 Resp: 43024
 Ion Ratio Lower Upper
 196 100
 198 100.6 72.0 108.0
 200 31.2 23.4 35.2



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

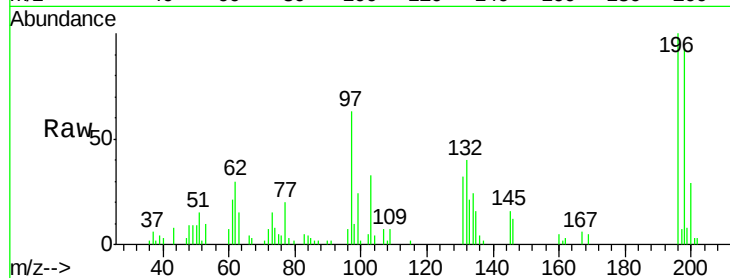




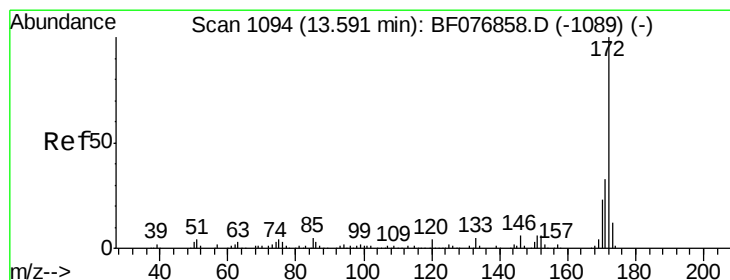
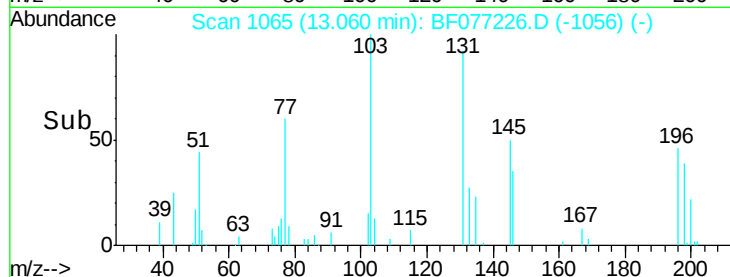
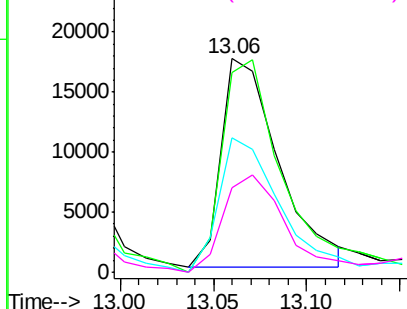
#43
 2,4,5-Trichlorophenol
 Concen: 27.53 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 37553
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.6 115.0
 97 62.9 43.4 65.0
 132 39.6 23.7 35.5#

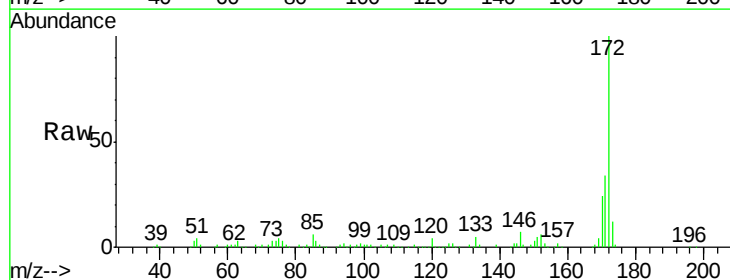


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

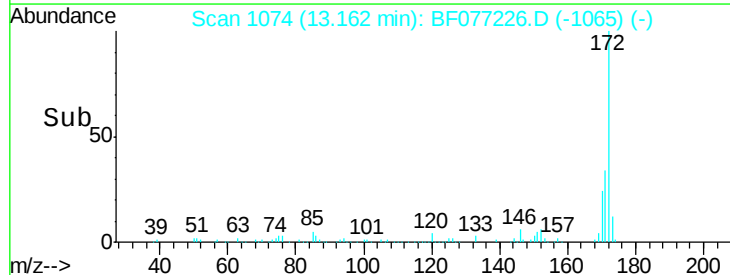
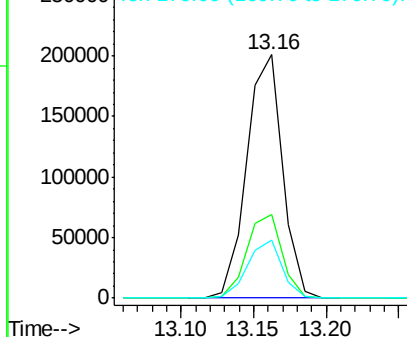


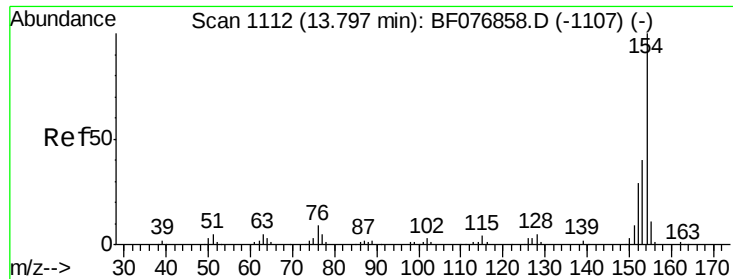
#44
 2-Fluorobiphenyl
 Concen: 70.29 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:172 Resp: 342960
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.6 40.0
 170 23.7 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

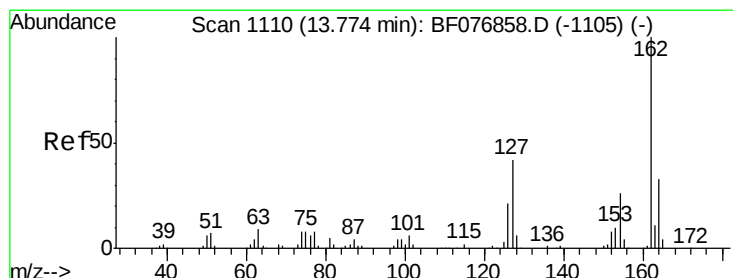
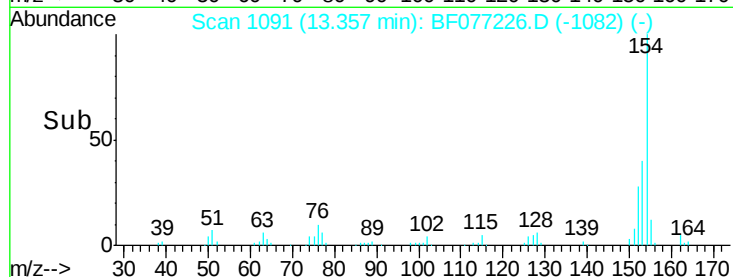
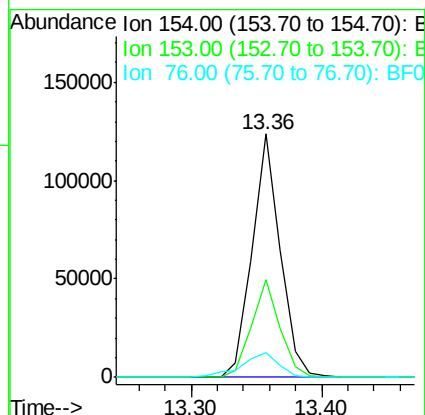
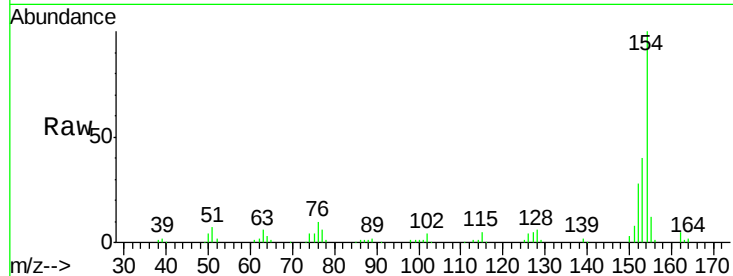




#45
 1,1'-Biphenyl
 Concen: 33.72 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

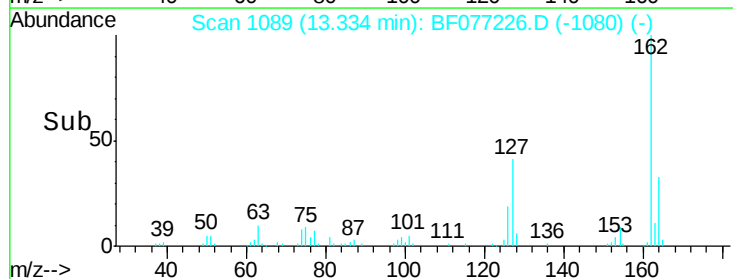
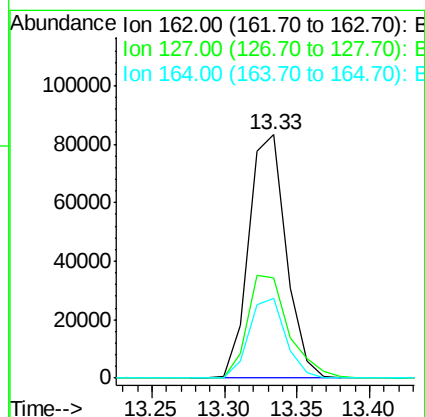
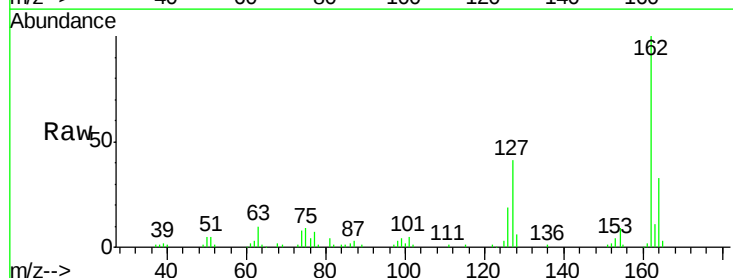
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 185610
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.2 60.2
 76 10.3 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 32.77 ng
 RT: 13.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:162 Resp: 148424
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.8 50.6
 164 32.7 26.8 40.2

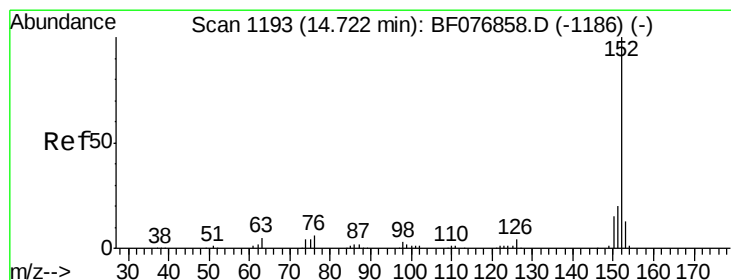
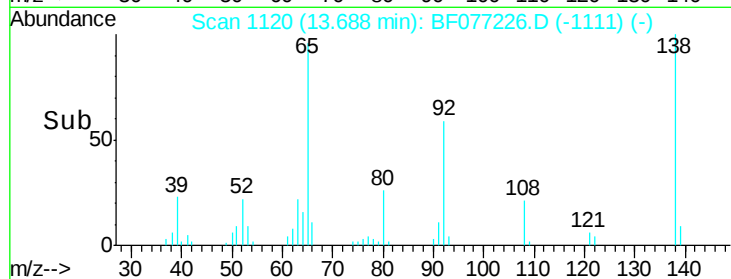
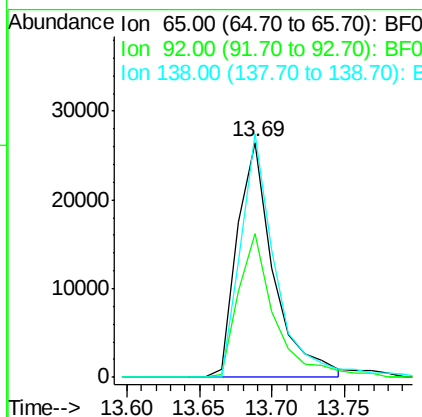
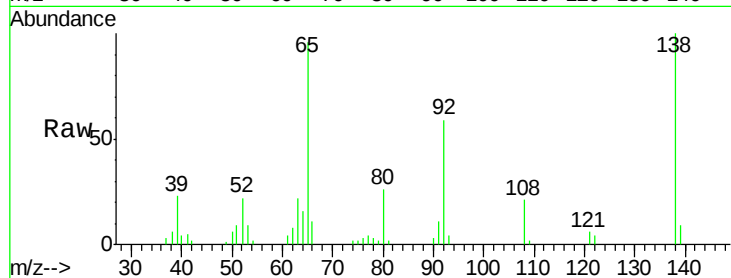




#47
2-Nitroaniline
Concen: 33.67 ng
RT: 13.69 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

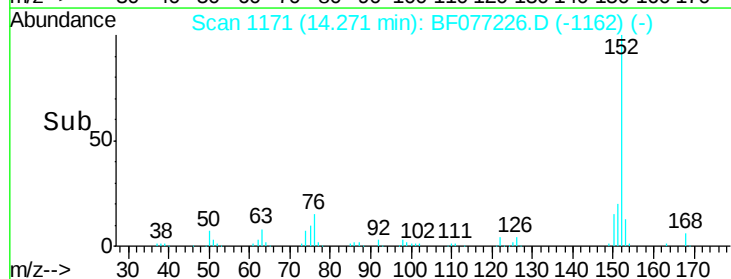
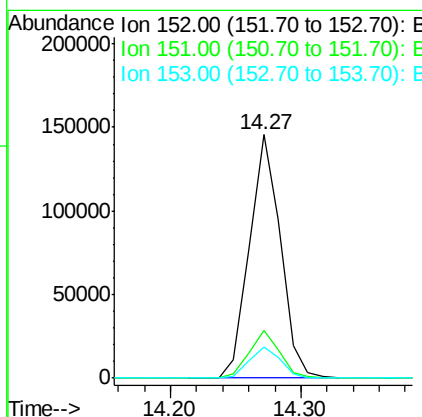
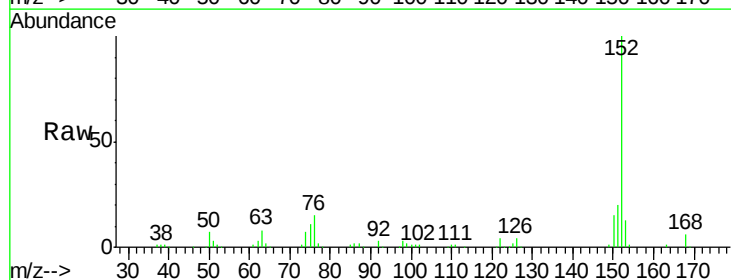
Instrument :
BNA_F
ClientSampleId :

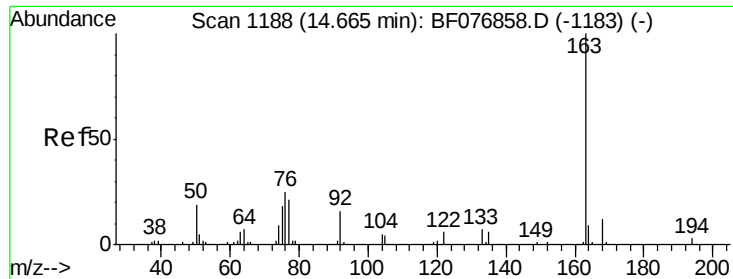
Tot Ion: 65 Resp: 46263
Ion Ratio Lower Upper
65 100
92 61.5 47.3 70.9
138 103.7 71.4 107.2



#48
Acenaphthylene
Concen: 31.57 ng
RT: 14.27 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion: 152 Resp: 241210
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.7 10.2 15.4





#49

Dimethylphthalate

Concen: 38.11 ng

RT: 14.24 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampled :

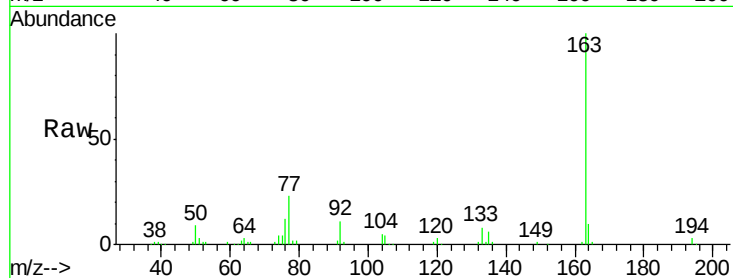
Tot Ion:163 Resp: 200673

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

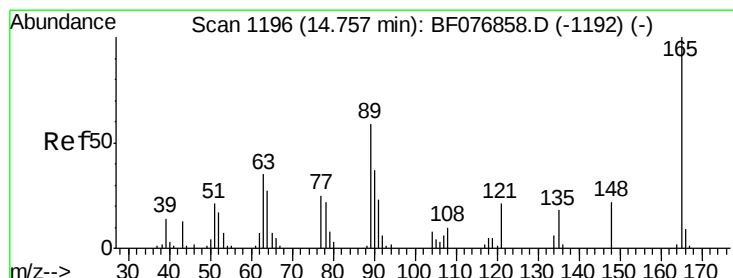
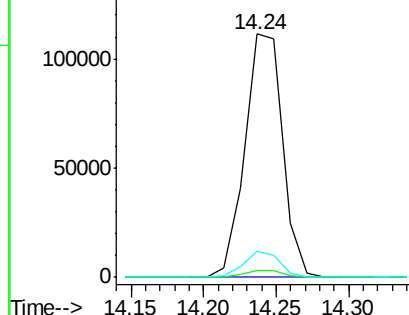
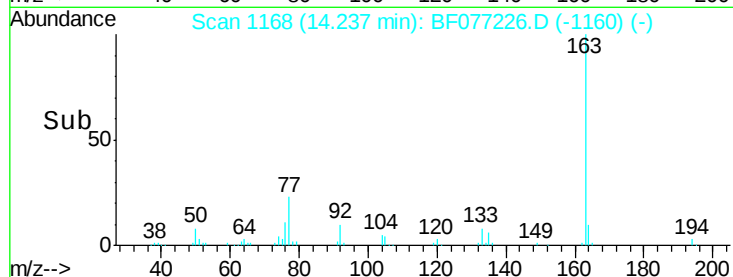
164 10.5 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.71 ng

RT: 14.34 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

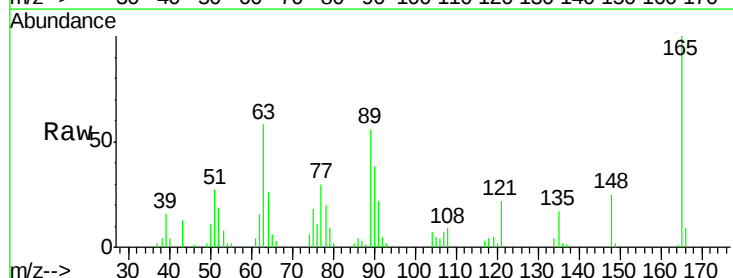
Tgt Ion:165 Resp: 36513

Ion Ratio Lower Upper

165 100

63 58.0 48.1 72.1

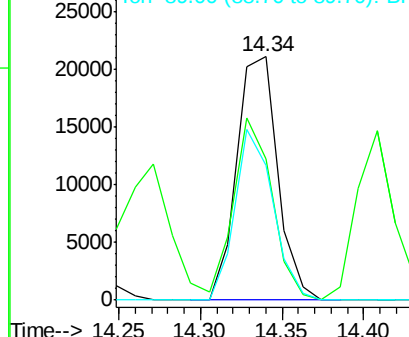
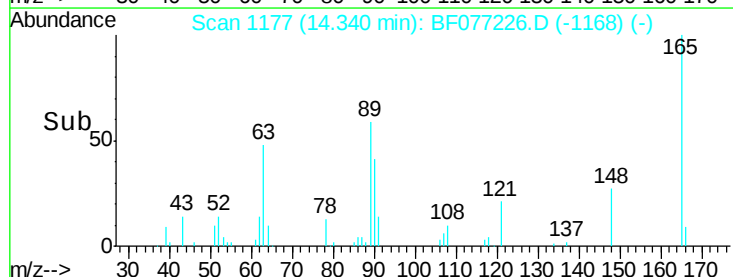
89 55.6 47.2 70.8

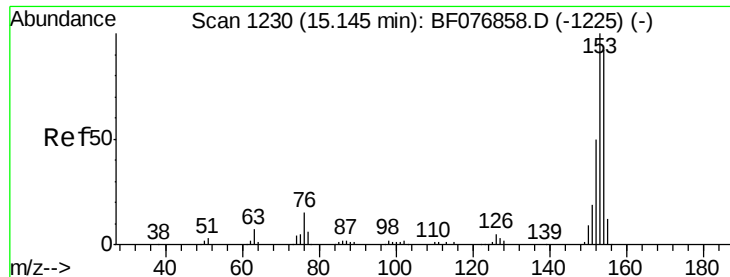


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.39 ng

RT: 14.69 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampled :

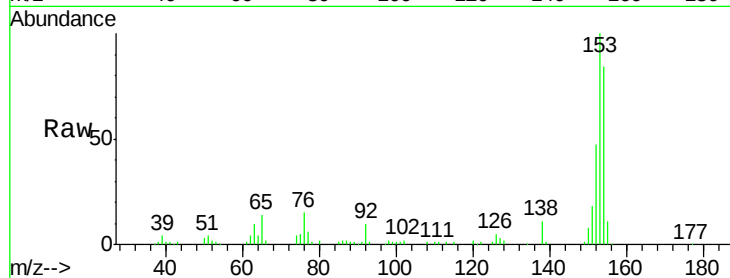
Tot Ion:154 Resp: 131750

Ion Ratio Lower Upper

154 100

153 119.1 87.0 130.6

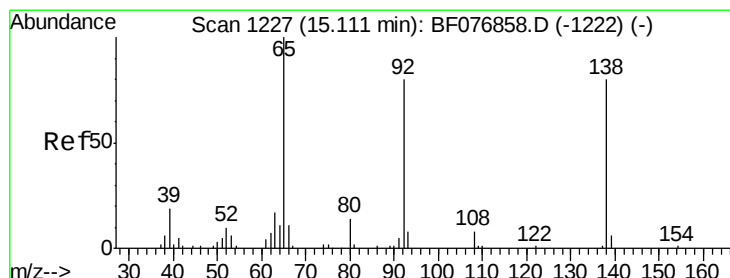
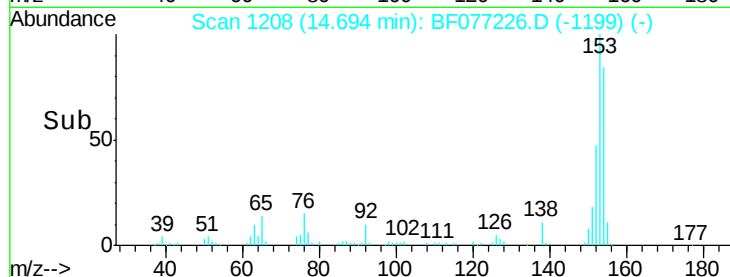
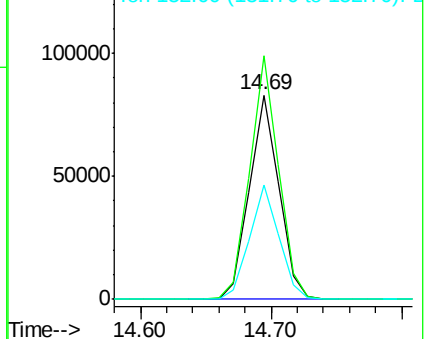
152 55.9 43.5 65.3



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: 21.94 ng

RT: 14.68 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

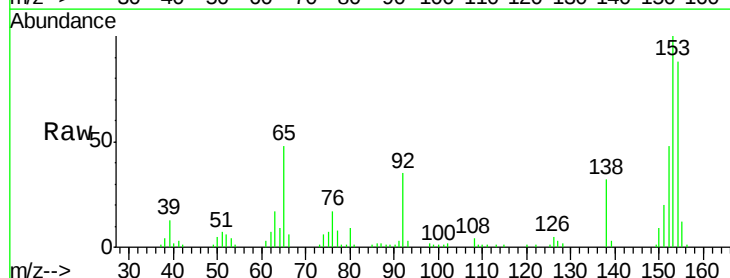
Tgt Ion:138 Resp: 28735

Ion Ratio Lower Upper

138 100

108 11.5 8.3 12.5

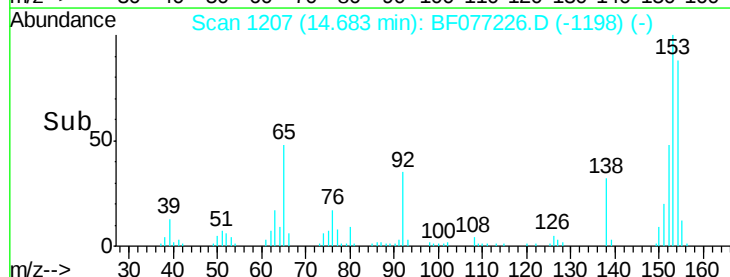
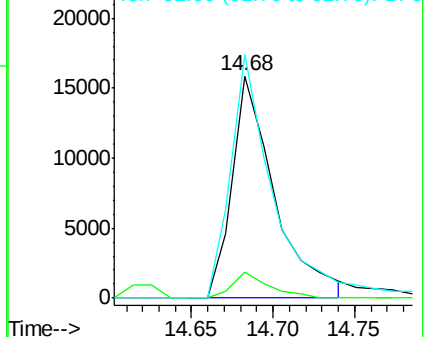
92 109.5 80.9 121.3

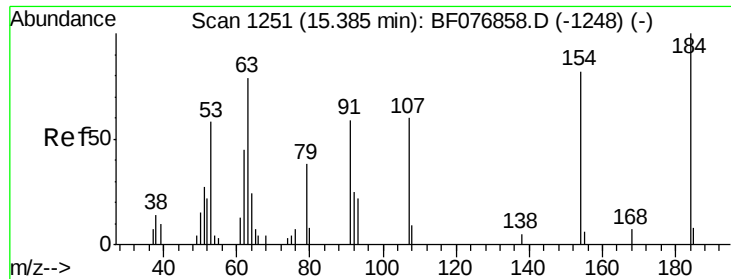


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

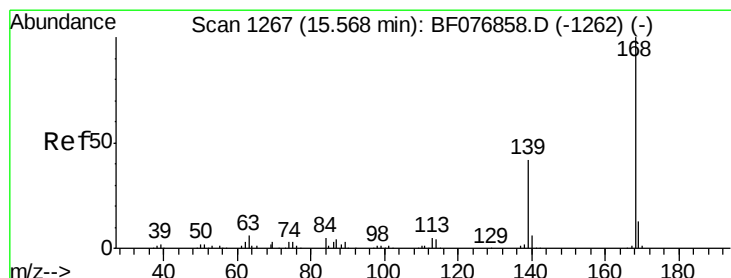
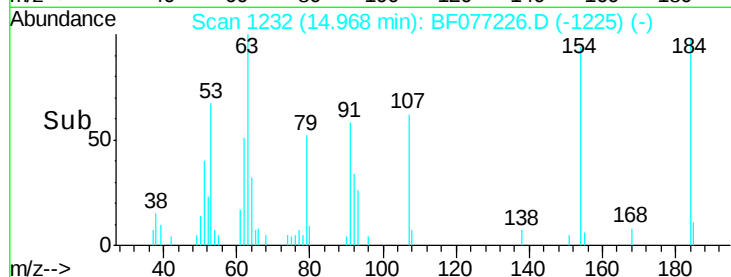
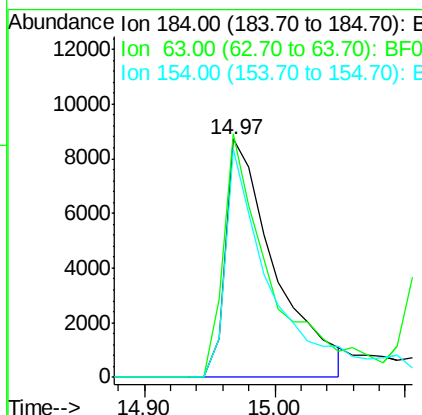
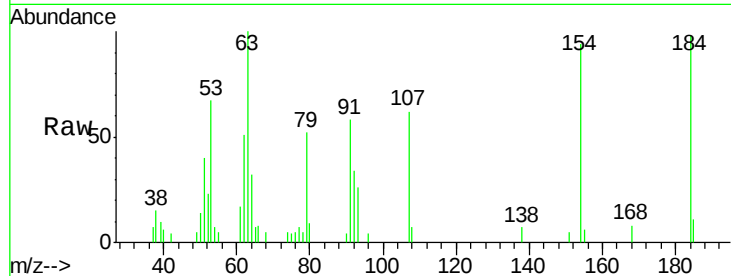




#53
 2,4-Dinitrophenol
 Concen: 51.51 ng
 RT: 14.97 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

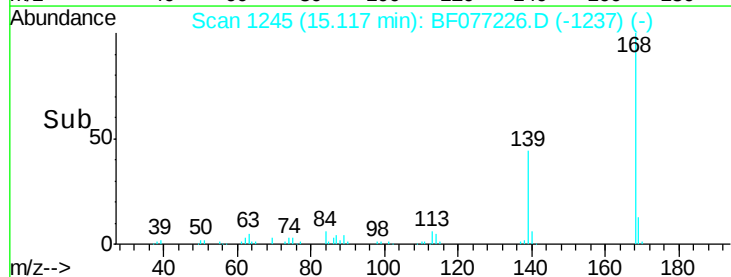
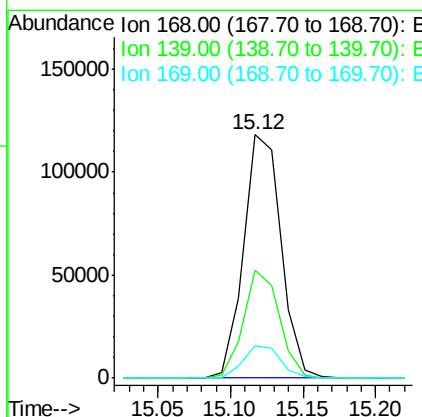
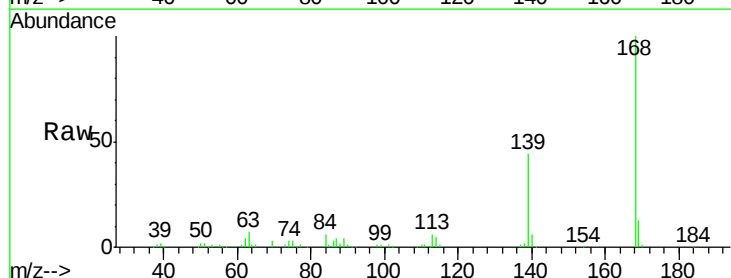
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 23009
 Ion Ratio Lower Upper
 184 100
 63 102.2 63.0 94.6#
 154 95.6 65.5 98.3



#54
 Dibenzofuran
 Concen: 33.49 ng
 RT: 15.12 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:168 Resp: 211453
 Ion Ratio Lower Upper
 168 100
 139 44.5 33.4 50.2
 169 13.4 10.6 15.8

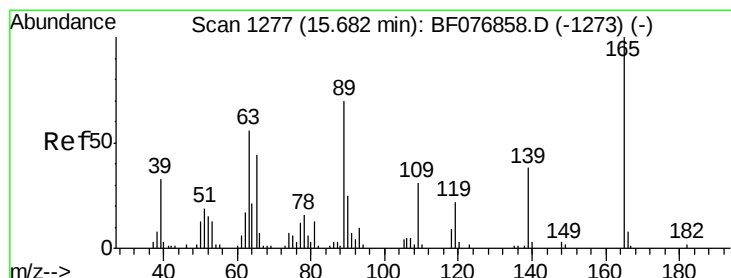
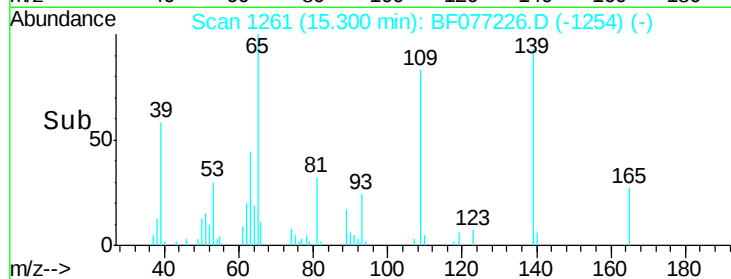
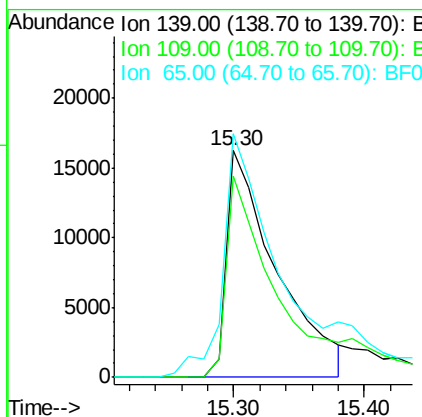
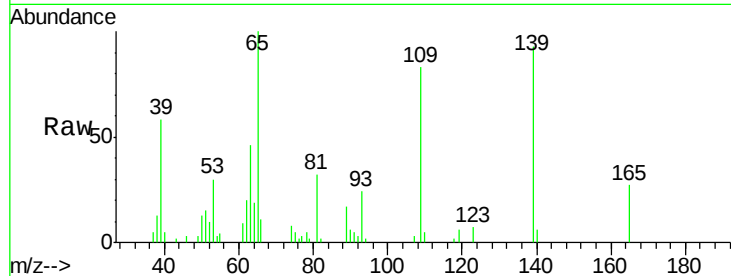




#55
4-Nitrophenol
Concen: 52.36 ng
RT: 15.30 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

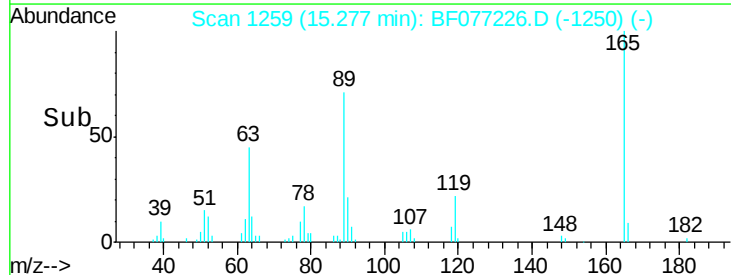
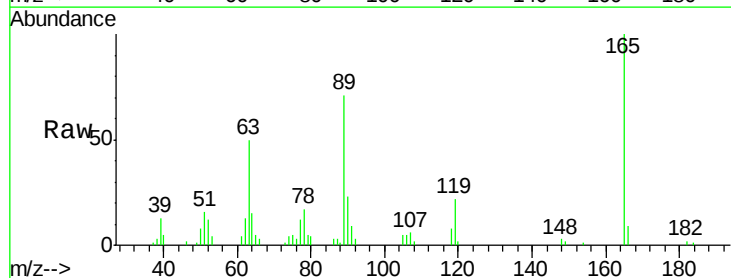
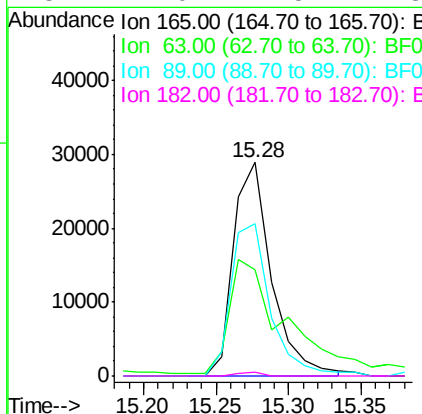
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 43217
Ion Ratio Lower Upper
139 100
109 88.8 61.0 101.0
65 107.5 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 34.12 ng
RT: 15.28 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:165 Resp: 52806
Ion Ratio Lower Upper
165 100
63 49.8 44.8 67.2
89 71.3 56.2 84.2
182 2.0 1.5 2.3

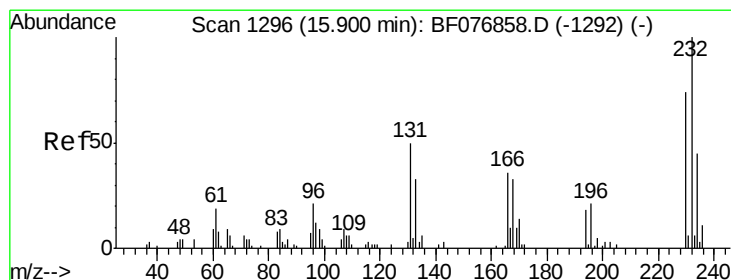
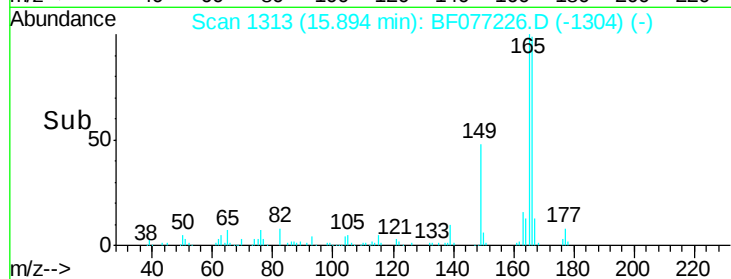
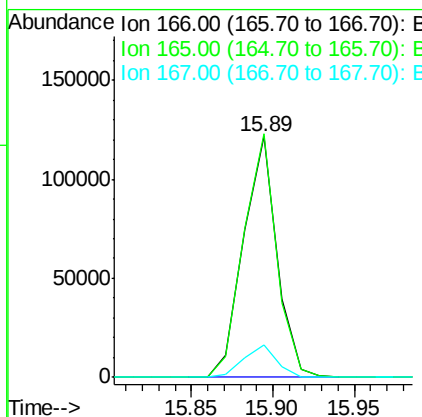
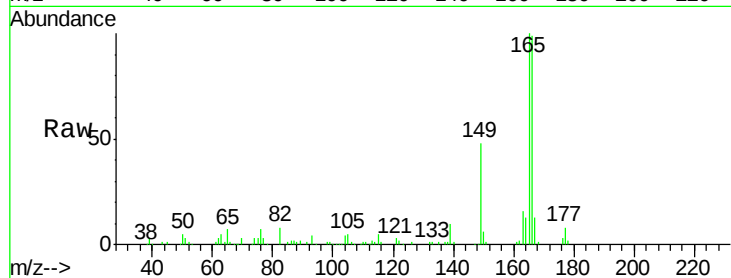




#57
 Fluorene
 Concen: 32.30 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

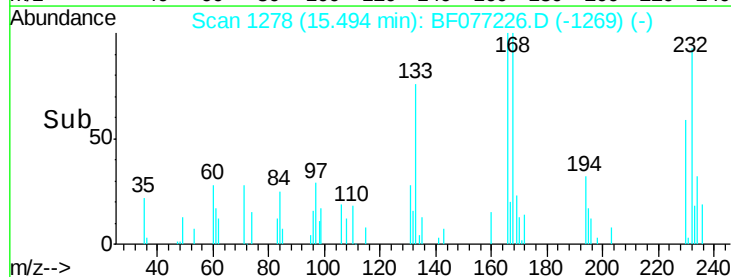
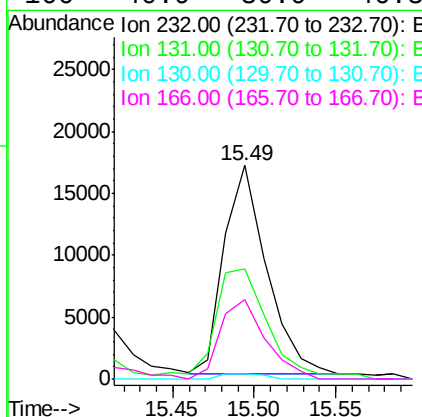
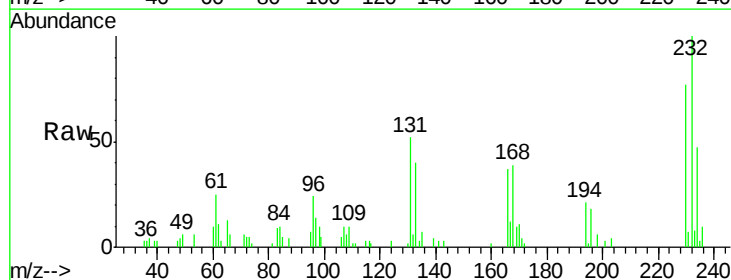
Instrument :
 BNA_F
 ClientSampleId :

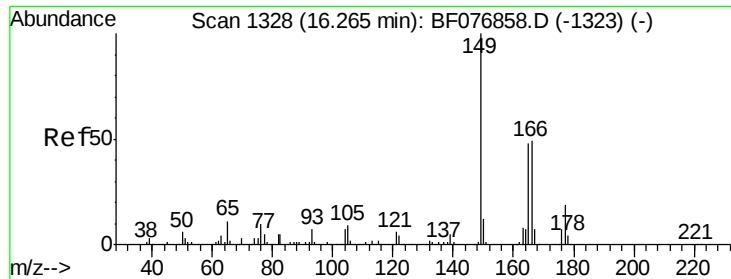
Tot Ion:166 Resp: 172806
 Ion Ratio Lower Upper
 166 100
 165 101.1 78.5 117.7
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.62 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:232 Resp: 30410
 Ion Ratio Lower Upper
 232 100
 131 58.6 45.0 67.6
 130 2.6 2.6 3.8
 166 40.9 30.9 46.3

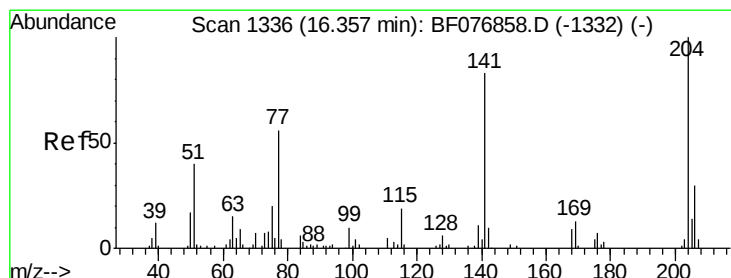
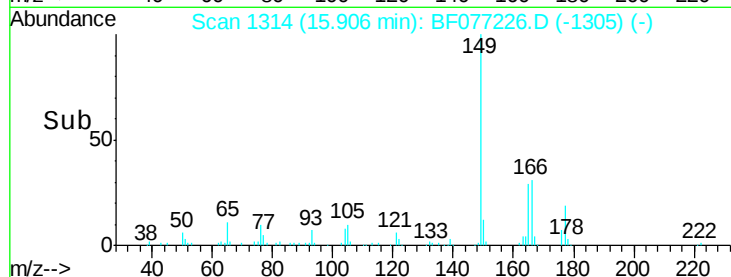
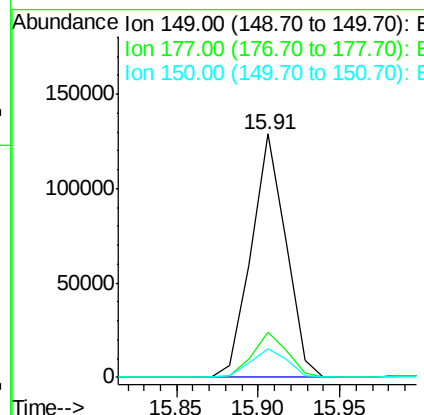
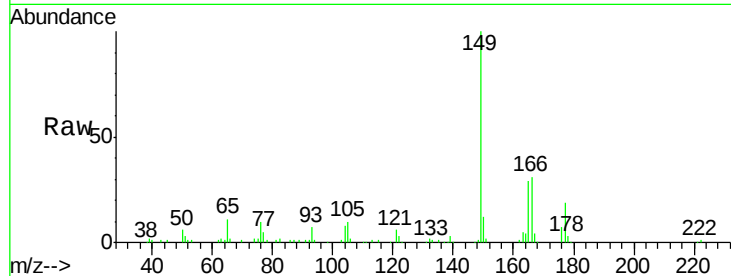




#59
Diethylphthalate
Concen: 35.82 ng
RT: 15.91 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

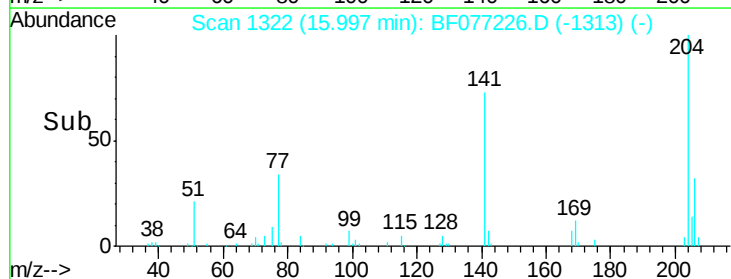
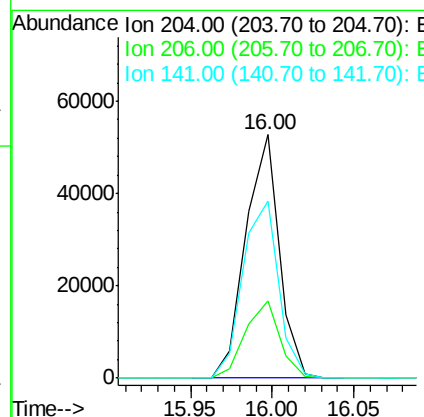
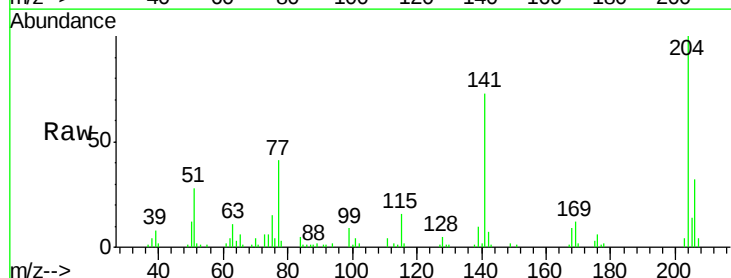
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 190598
Ion Ratio Lower Upper
149 100
177 18.8 15.0 22.6
150 11.9 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 34.28 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:204 Resp: 75037
Ion Ratio Lower Upper
204 100
206 31.6 24.2 36.2
141 72.7 66.7 100.1

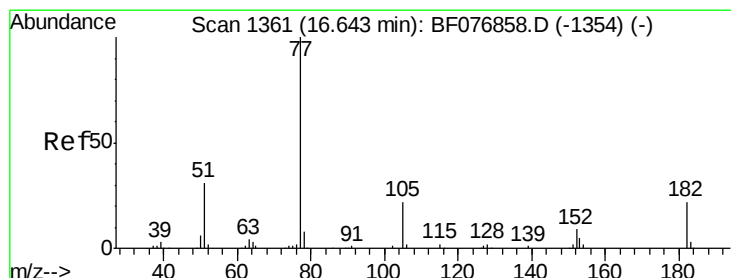
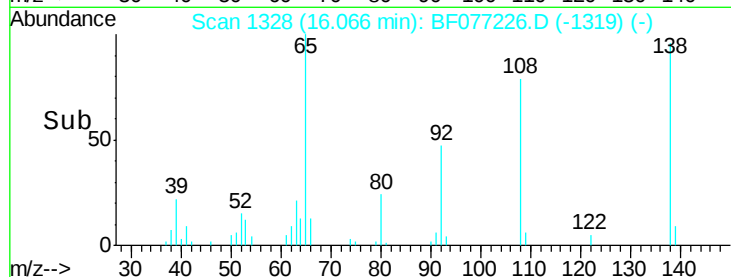
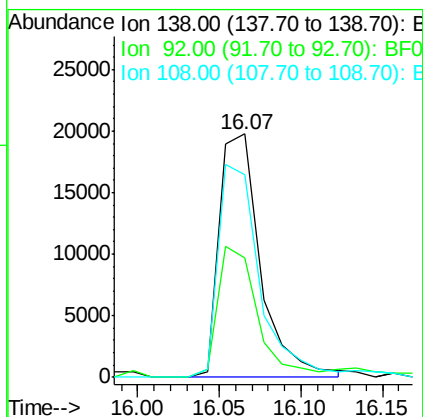
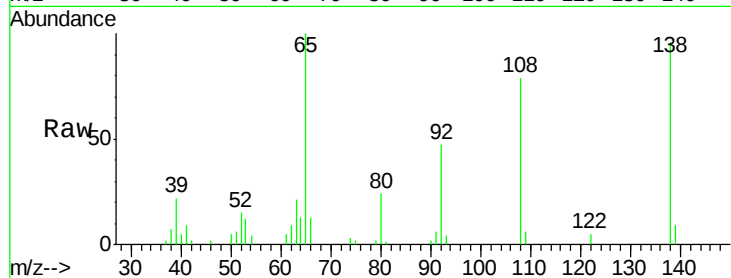




#61
4-Nitroaniline
Concen: 26.80 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

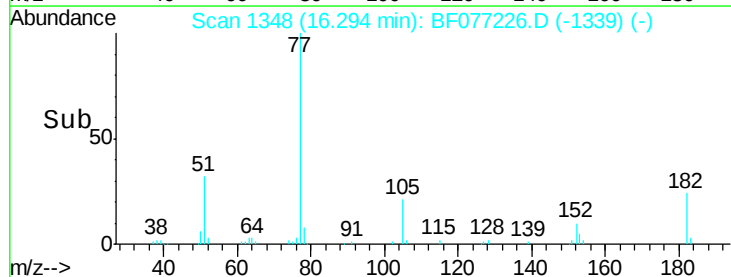
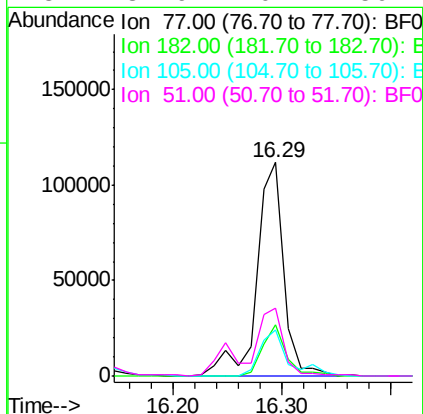
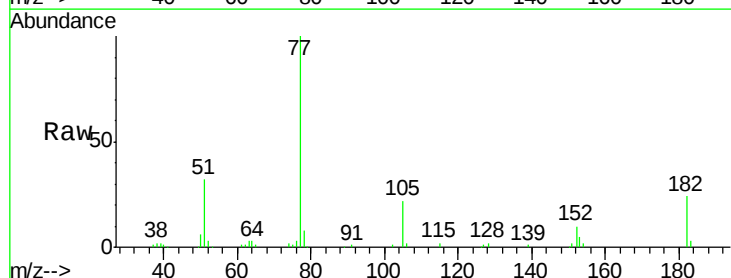
Instrument :
BNA_F
ClientSampleId :

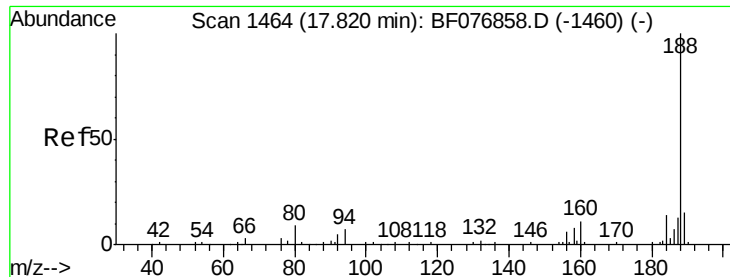
Tot Ion:138 Resp: 34676
Ion Ratio Lower Upper
138 100
92 49.2 26.7 66.7
108 83.1 64.5 104.5



#62
Azobenzene
Concen: 35.17 ng
RT: 16.29 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion: 77 Resp: 194983
Ion Ratio Lower Upper
77 100
182 24.2 2.0 42.0
105 21.7 2.3 42.3
51 31.9 10.7 50.7

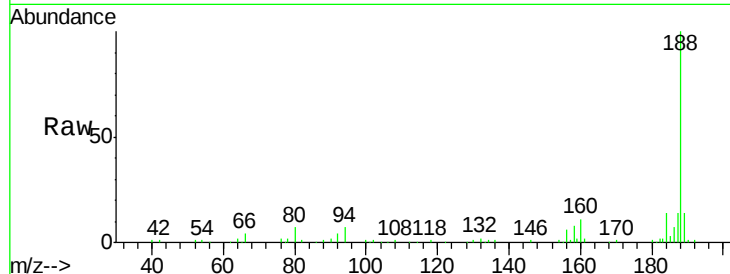




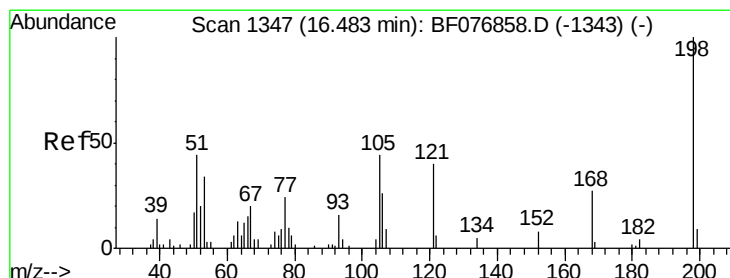
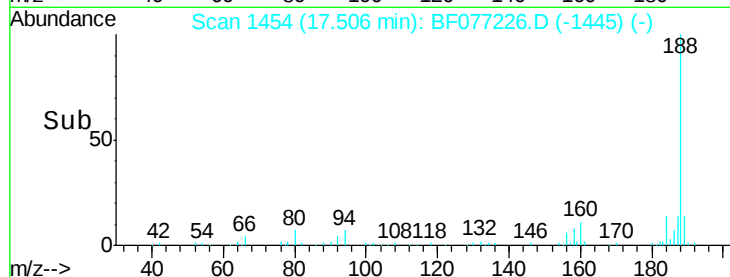
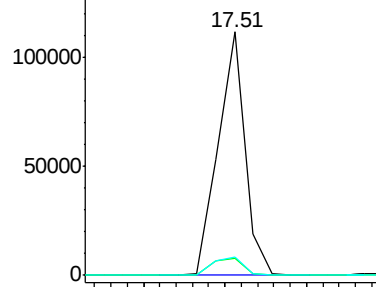
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	188	Resp	126880
Ion Ratio	100	Lower	Upper
94	7.3	6.0	9.0
80	7.4	6.9	10.3

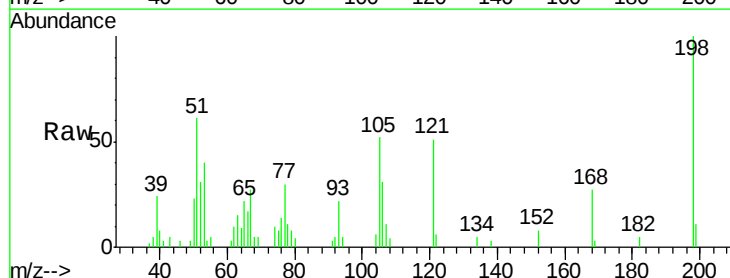


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

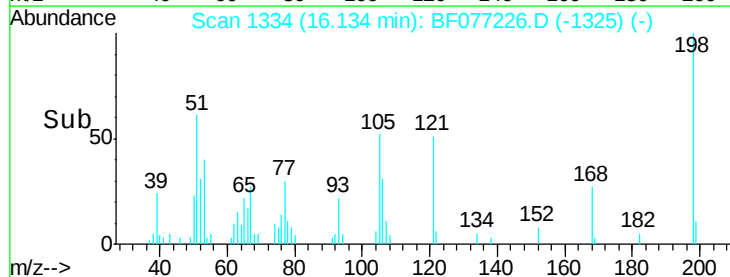
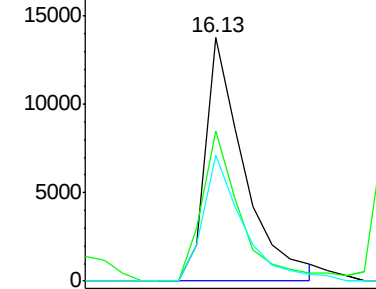


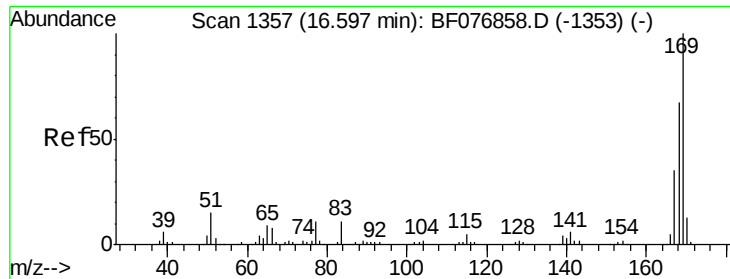
#64
4,6-Dinitro-2-methylphenol
Concen: 29.11 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion	198	Resp	22596
Ion Ratio	100	Lower	Upper
51	61.5	24.2	64.2
105	51.8	24.0	64.0



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

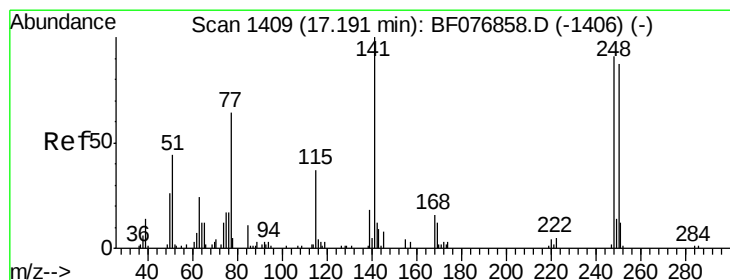
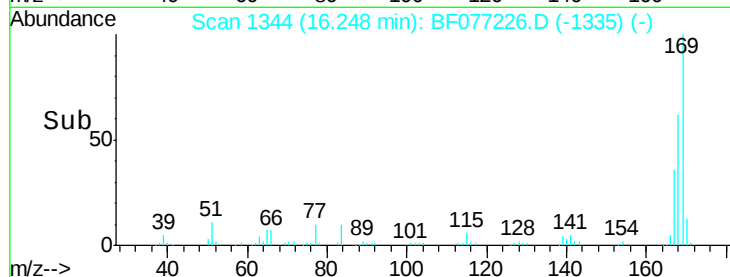
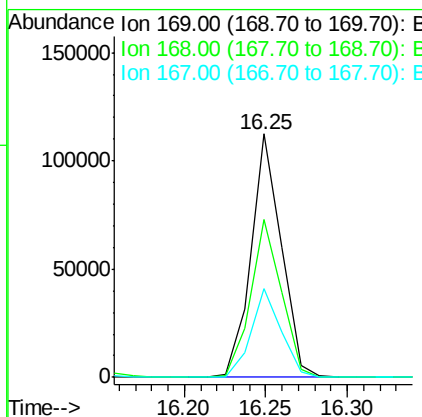
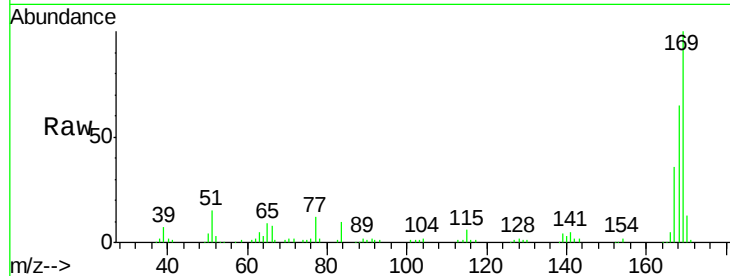




#65
 n-Nitrosodiphenylamine
 Concen: 32.01 ng
 RT: 16.25 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

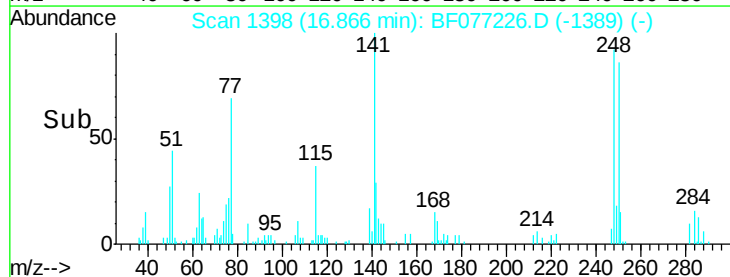
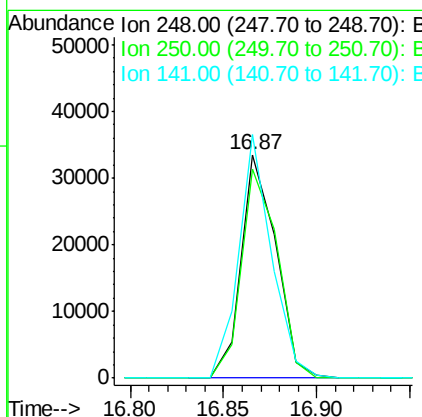
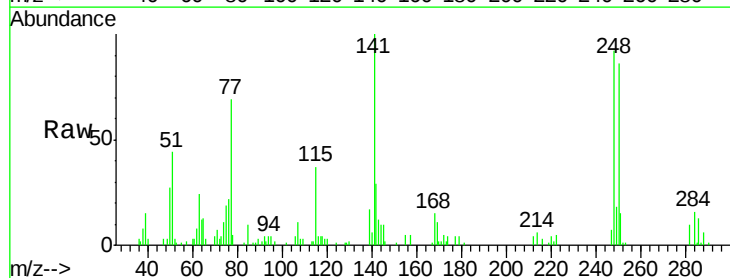
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	169	Resp	144801
Ion Ratio	100		
Lower	53.8		
Upper	80.6		
168	64.6		
167	36.4		



#66
 4-Bromophenyl-phenylether
 Concen: 33.70 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion	248	Resp	43323
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	93.5		
141	108.9		

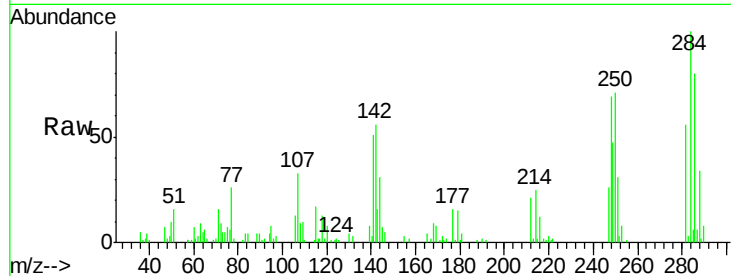




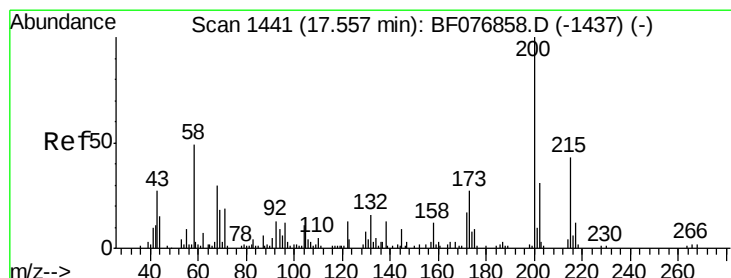
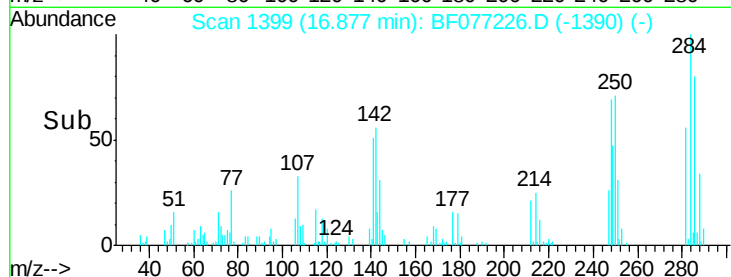
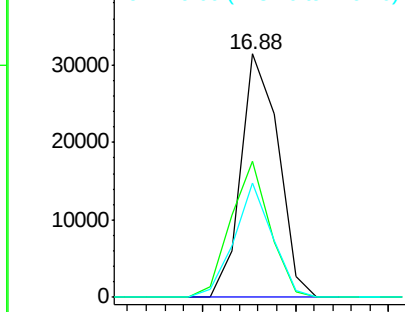
#67
Hexachlorobenzene
Concen: 32.22 ng
RT: 16.88 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 43647
Ion Ratio Lower Upper
284 100
142 55.9 38.2 57.4
249 46.9 28.2 42.2#

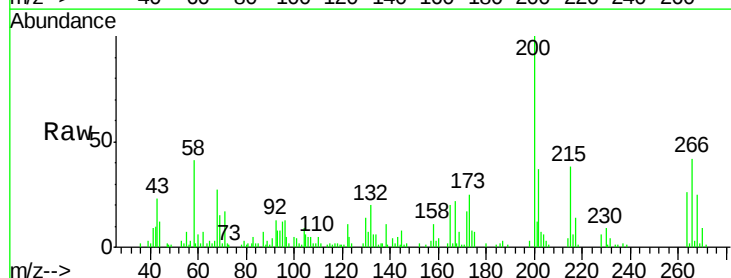


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

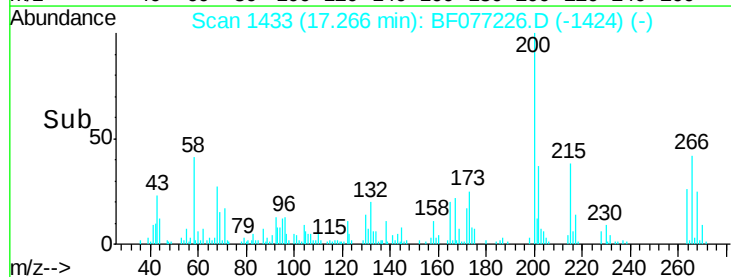
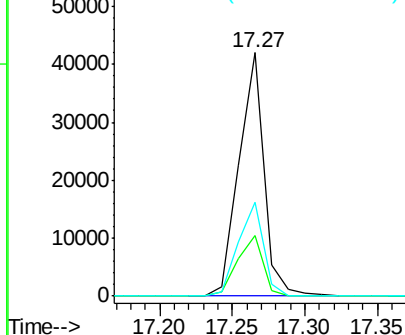


#68
Atrazine
Concen: 36.77 ng
RT: 17.27 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:200 Resp: 50473
Ion Ratio Lower Upper
200 100
173 24.6 6.6 46.6
215 38.4 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

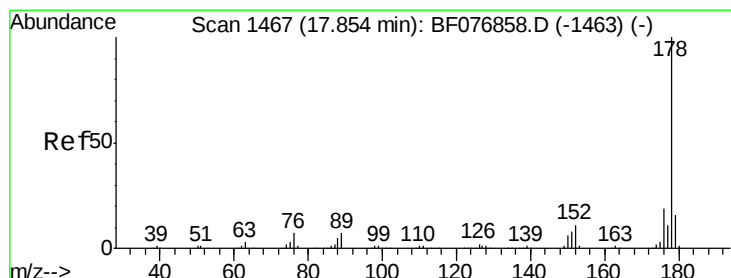
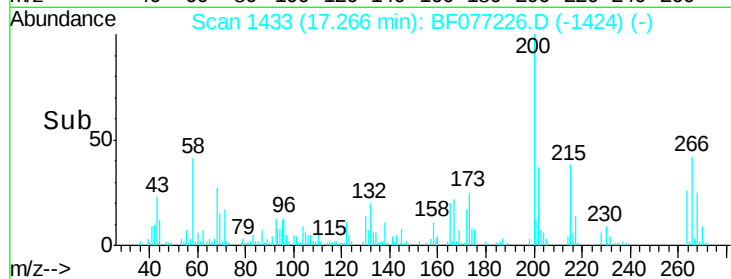
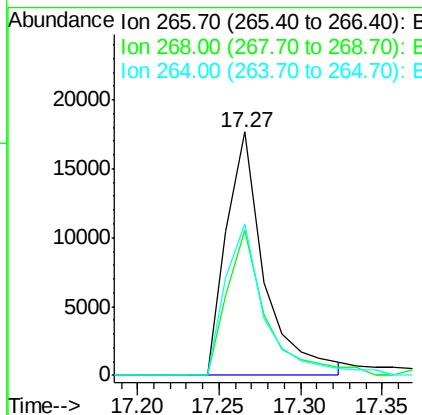
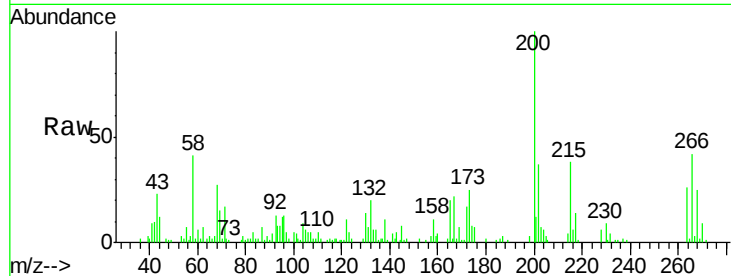




#69
 Pentachlorophenol
 Concen: 49.09 ng
 RT: 17.27 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

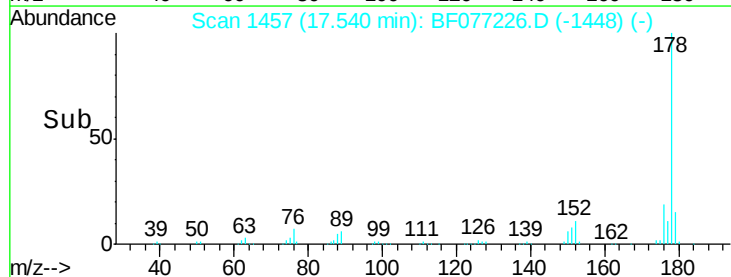
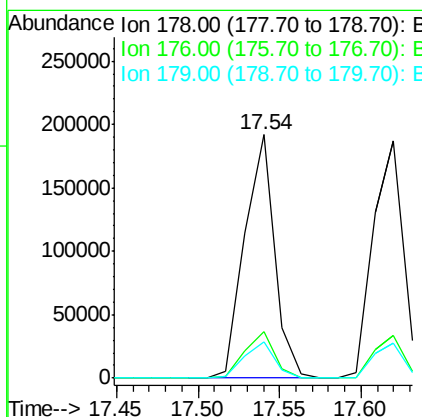
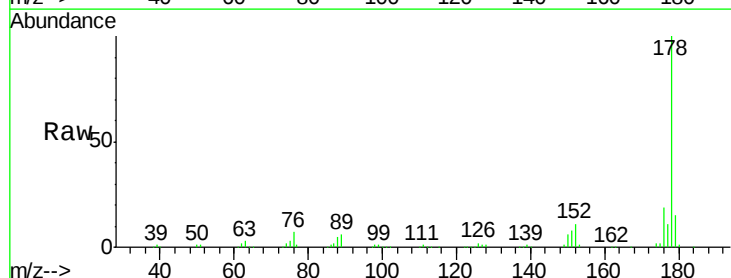
Instrument :
 BNA_F
 ClientSampleId :

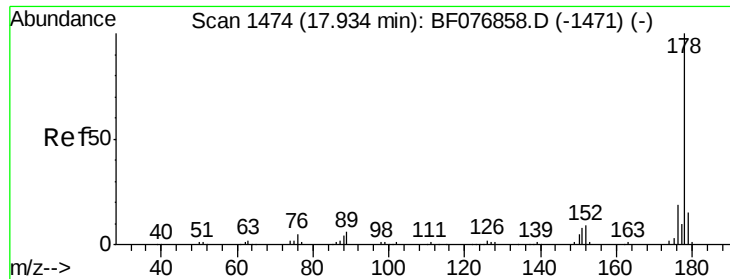
Tot Ion:266 Resp: 28689
 Ion Ratio Lower Upper
 266 100
 268 59.8 48.6 72.8
 264 62.1 49.5 74.3



#70
 Phenanthrene
 Concen: 30.71 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:178 Resp: 242976
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 14.8 12.7 19.1

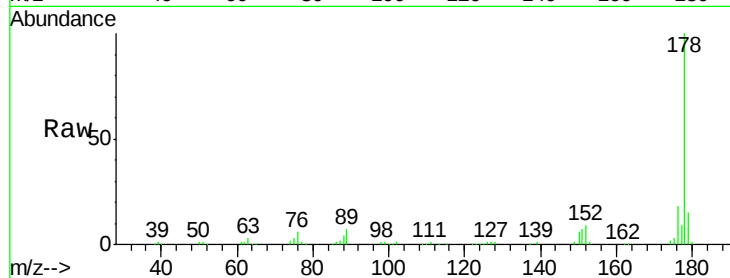




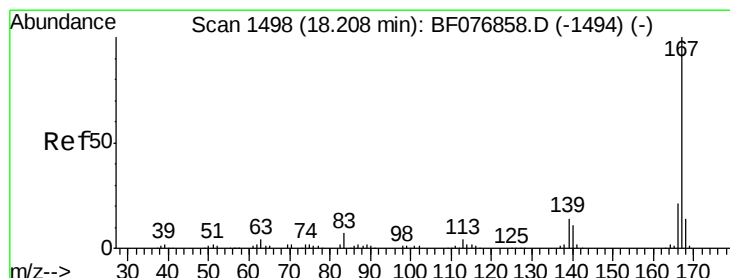
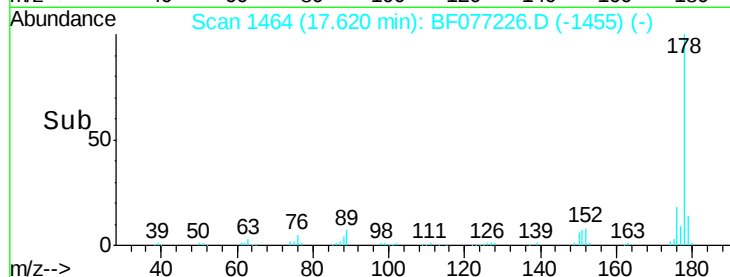
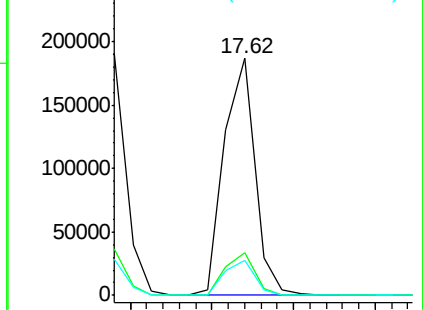
#71
 Anthracene
 Concen: 31.80 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 245387
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.0
 179 14.5 11.9 17.9

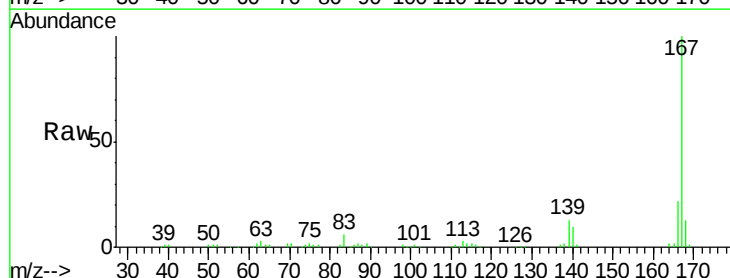


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

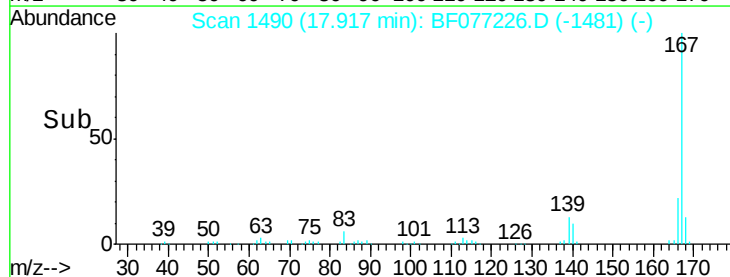
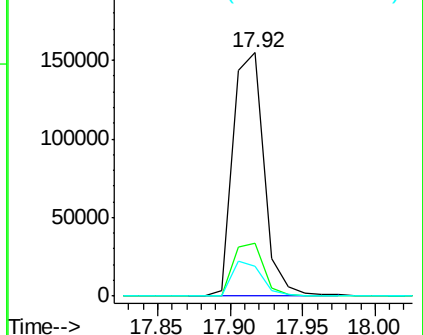


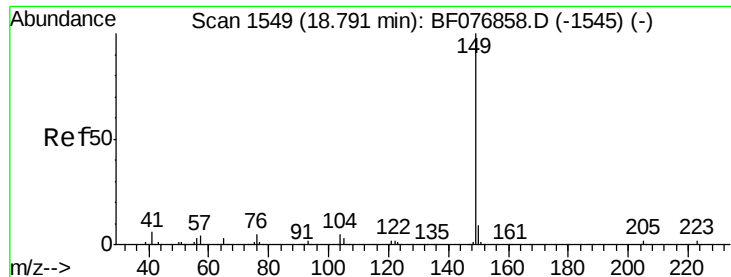
#72
 Carbazole
 Concen: 30.81 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:167 Resp: 230581
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.5 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.61 ng

RT: 18.51 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

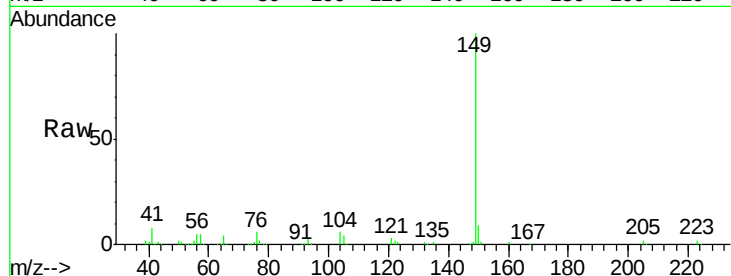
Tot Ion:149 Resp: 299824

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

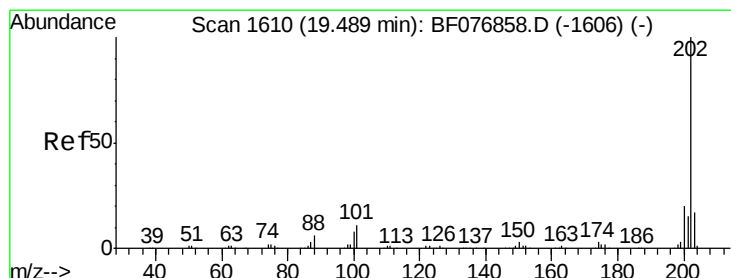
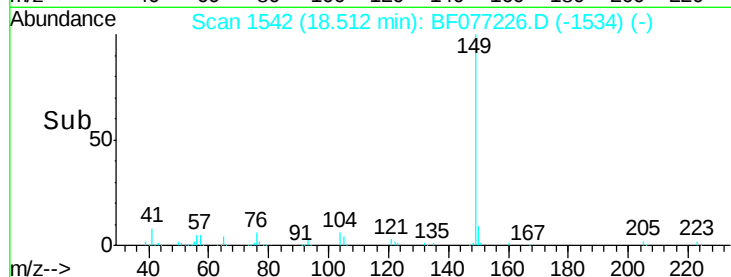
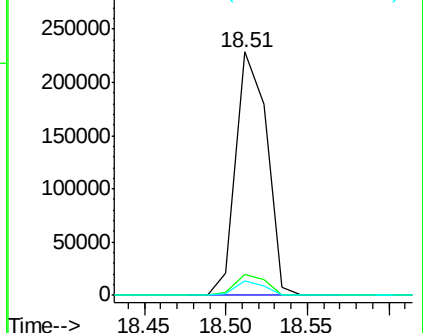
104 6.0 3.7 5.5#



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: 30.41 ng

RT: 19.20 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

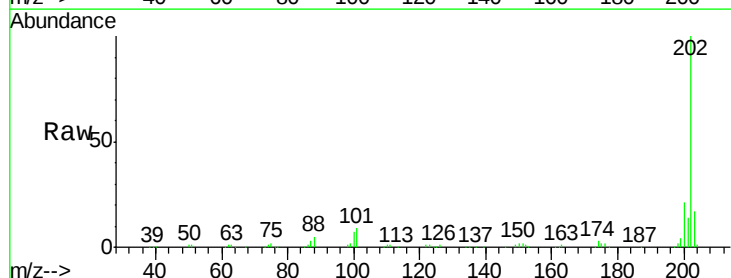
Tgt Ion:202 Resp: 246592

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.7

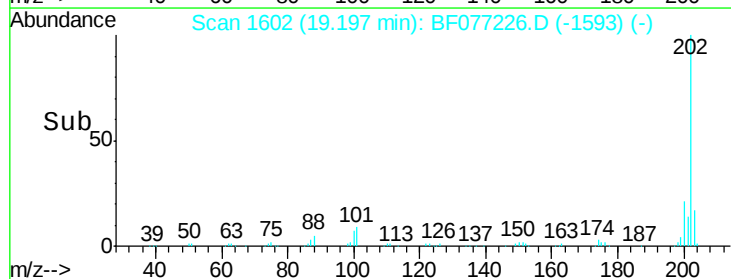
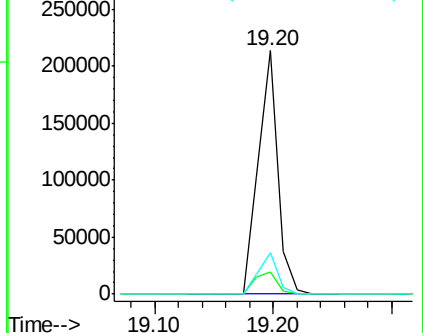
203 16.8 0.0 36.9

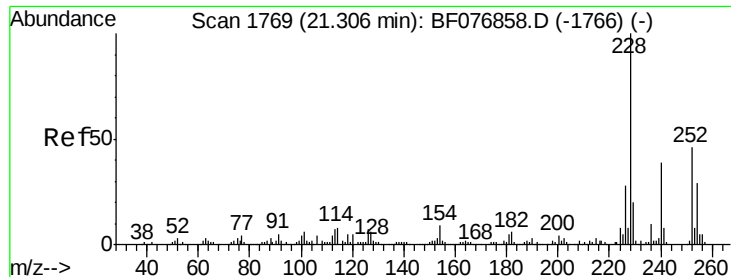


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

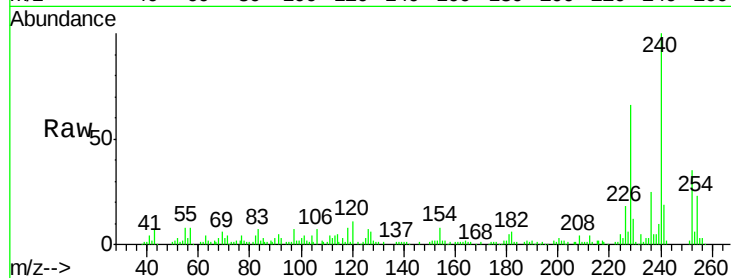




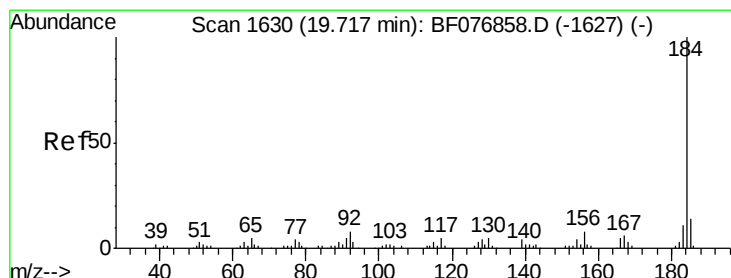
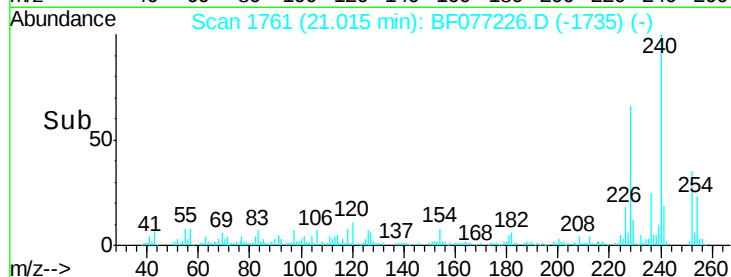
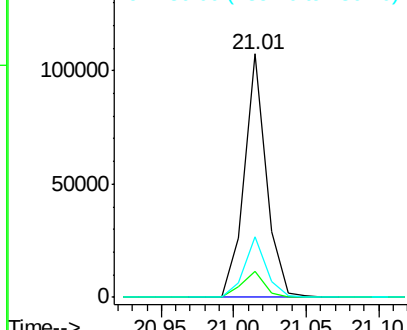
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 113603
Ion Ratio Lower Upper
240 100
120 10.9 10.4 15.6
236 24.8 20.2 30.2

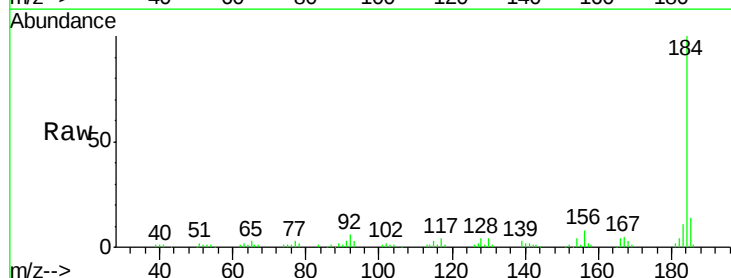


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

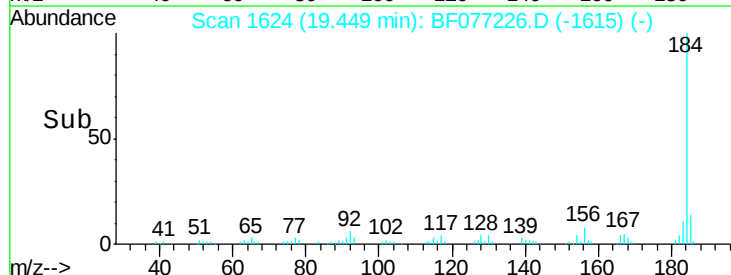
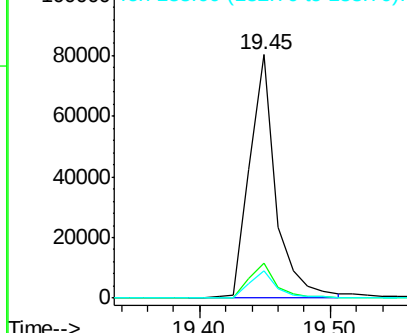


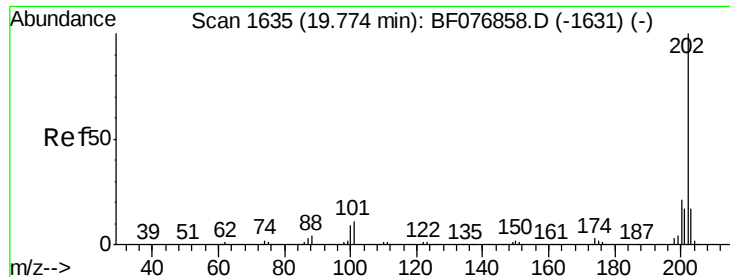
#76
Benzidine
Concen: 30.95 ng
RT: 19.45 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:184 Resp: 112512
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.1 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

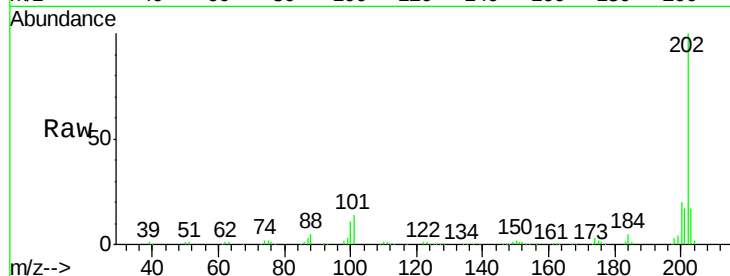




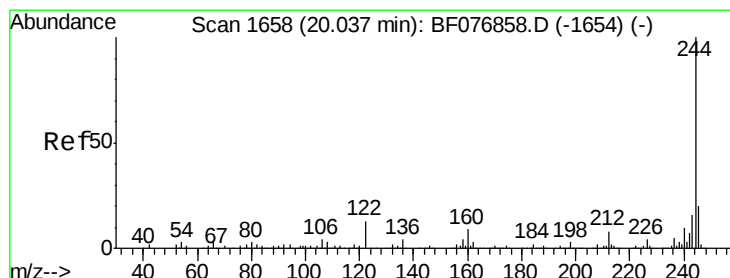
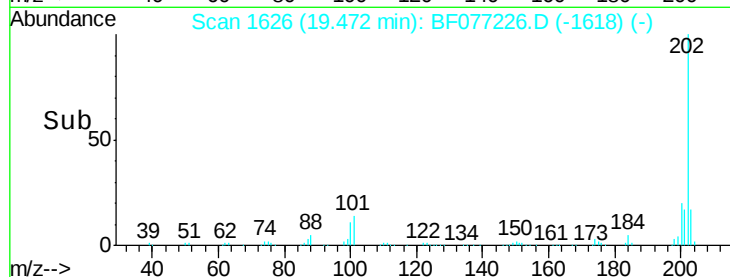
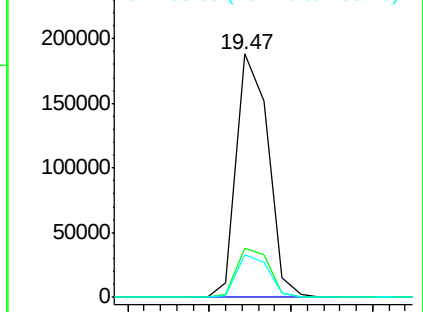
#77
Pvrene
Concen: 32.47 ng
RT: 19.47 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 252807
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.3 14.0 21.0

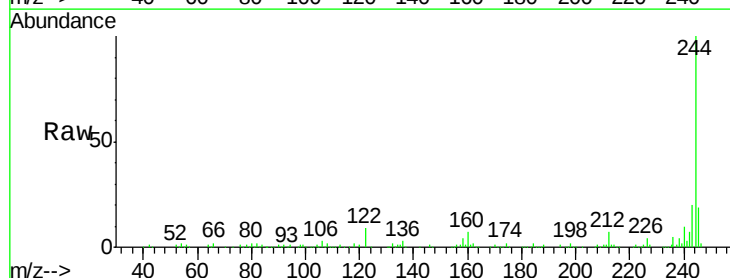


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

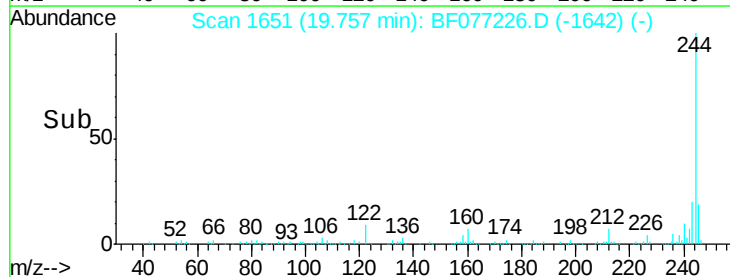
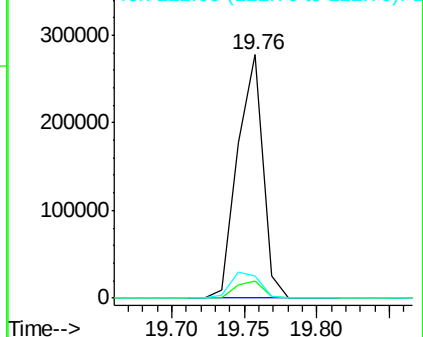


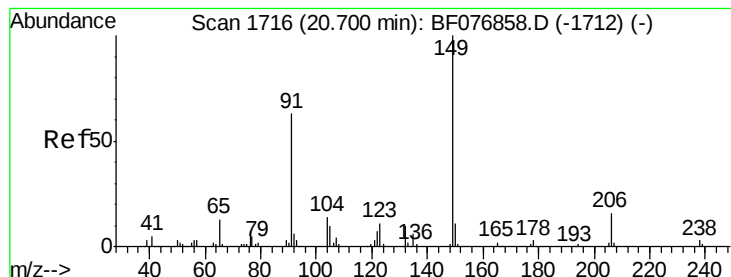
#78
Terphenyl-d14
Concen: 68.06 ng
RT: 19.76 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:244 Resp: 335827
Ion Ratio Lower Upper
244 100
212 6.9 6.3 9.5
122 9.1 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: 37.68 ng

RT: 20.42 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

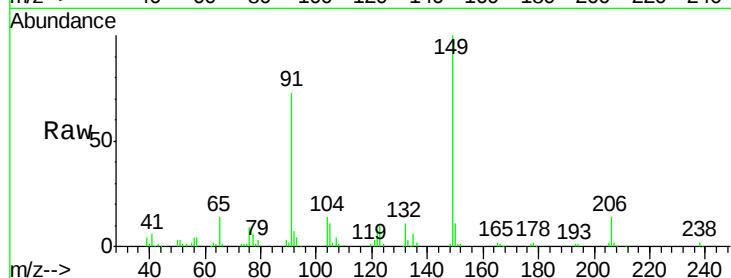
Tot Ion:149 Resp: 132853

Ion Ratio Lower Upper

149 100

91 72.9 50.6 76.0

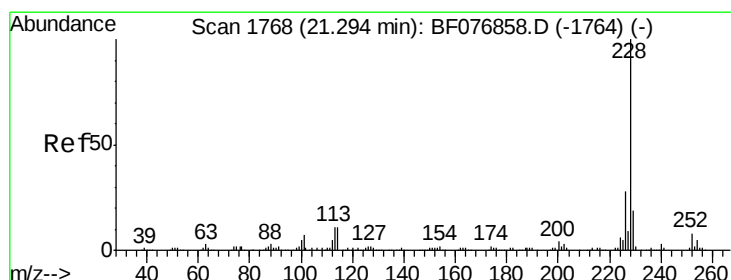
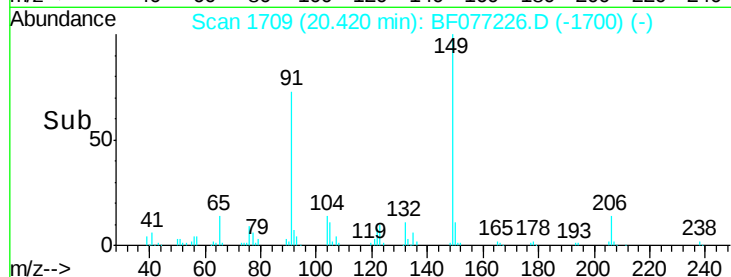
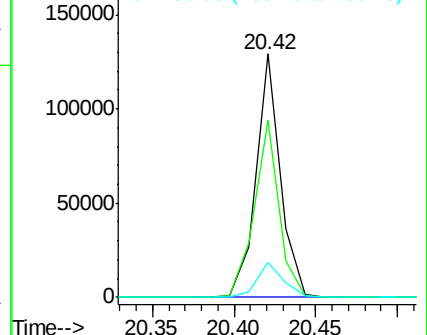
206 14.4 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.39 ng

RT: 21.00 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

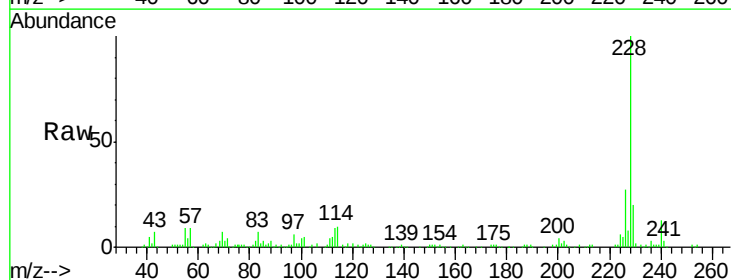
Tgt Ion:228 Resp: 223698

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

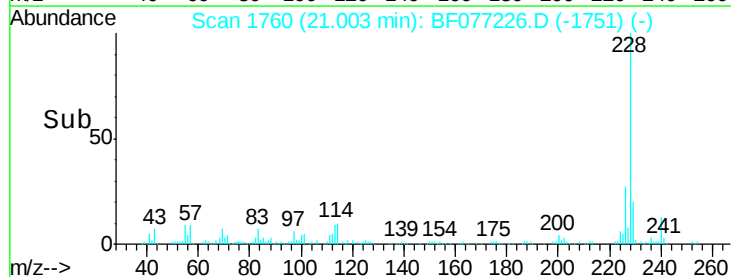
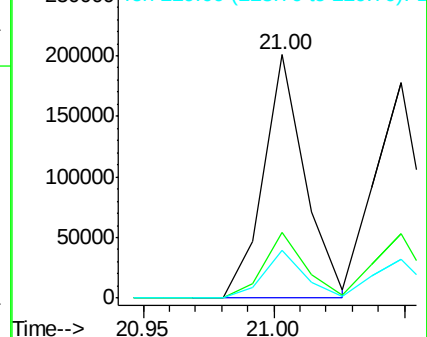
229 19.7 15.5 23.3

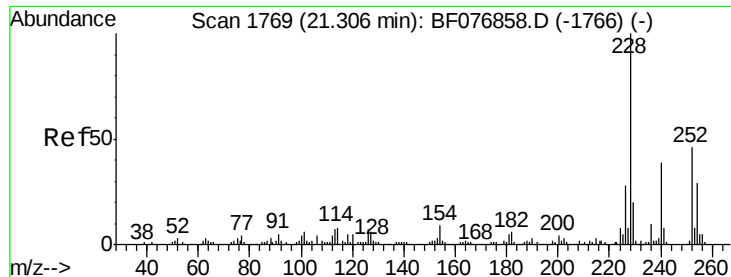


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

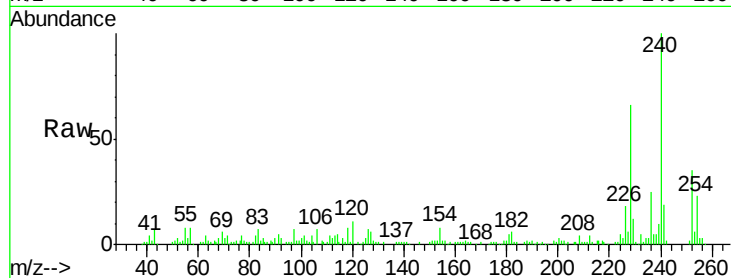




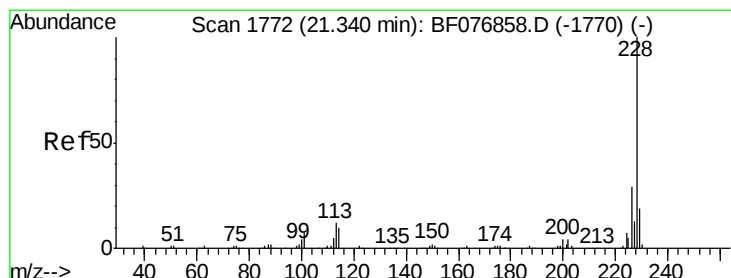
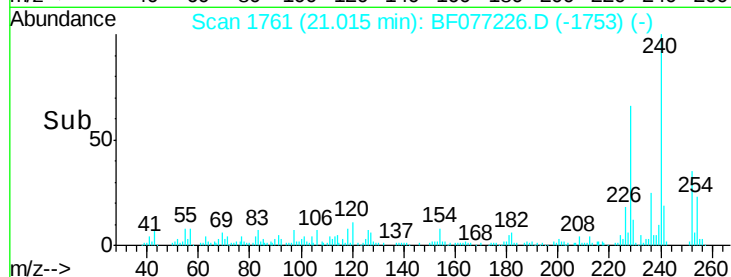
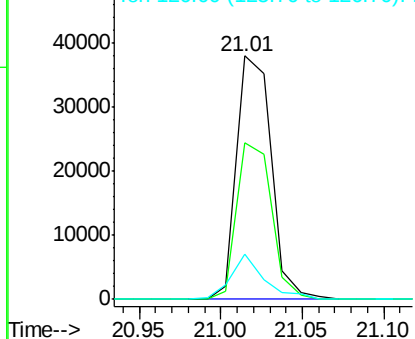
#81
 3,3'-Dichlorobenzidine
 Concen: 24.50 ng
 RT: 21.01 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 55496
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.2 75.4
 126 18.6 11.5 17.3#

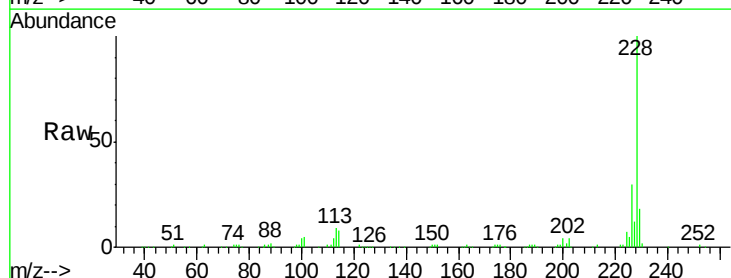


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

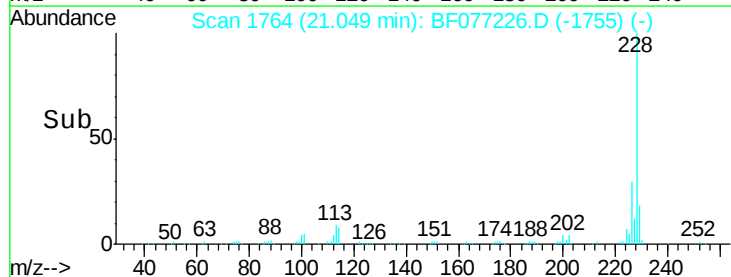
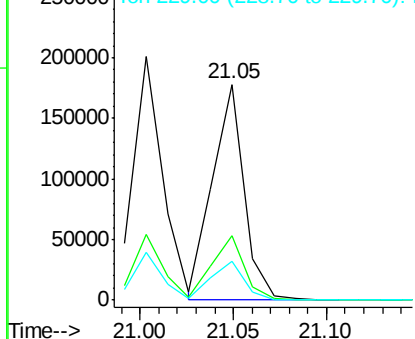


#82
 Chrysene
 Concen: 32.41 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Tgt Ion:228 Resp: 210688
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.4 35.0
 229 18.3 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.94 ng

RT: 21.16 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

Instrument :

BNA_F

ClientSampleId :

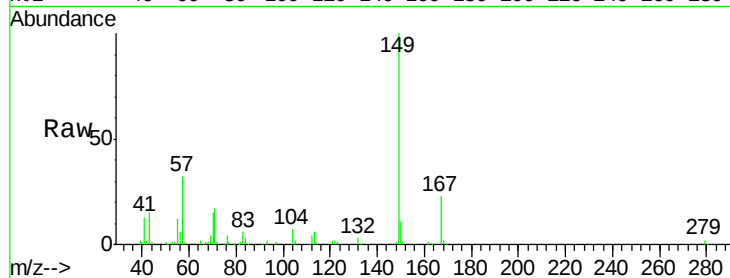
Tot Ion:149 Resp: 189985

Ion Ratio Lower Upper

149 100

167 22.7 20.6 30.8

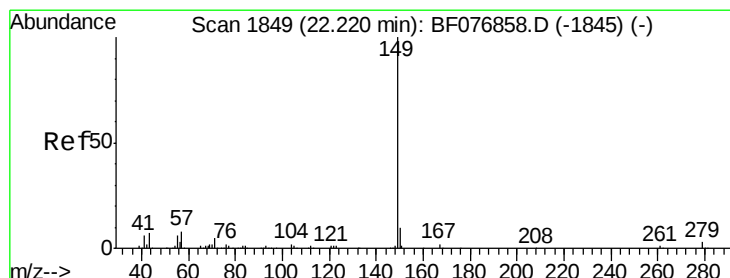
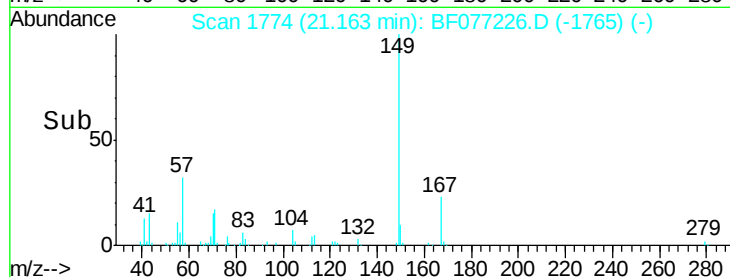
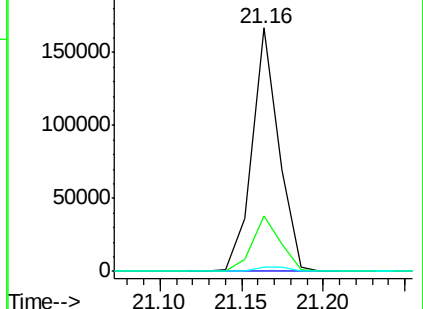
279 1.8 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.21 ng

RT: 21.94 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF077226.D

Acq: 9 Feb 2015 16:04

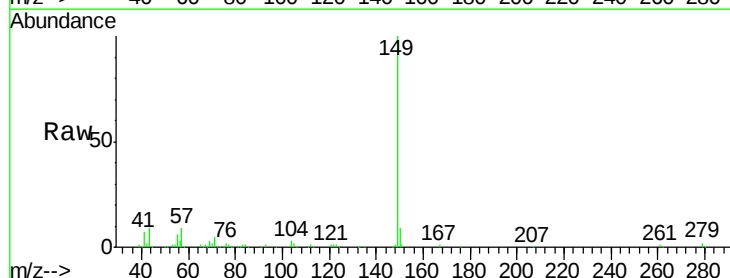
Tgt Ion:149 Resp: 315039

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

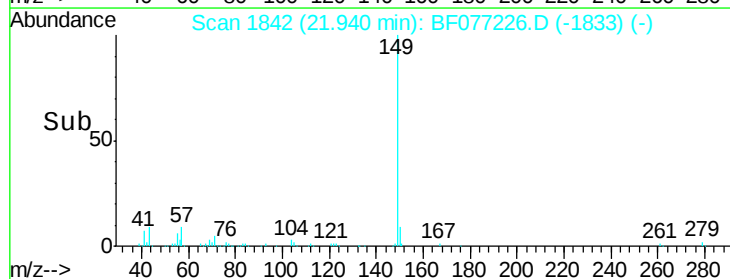
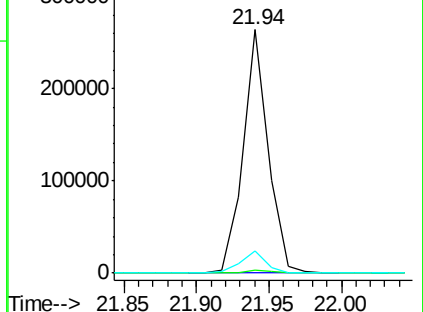
43 9.5 6.6 10.0

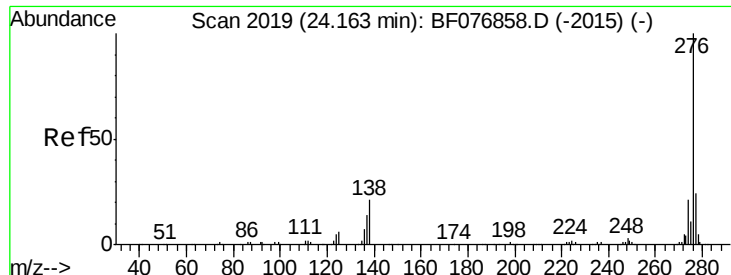


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

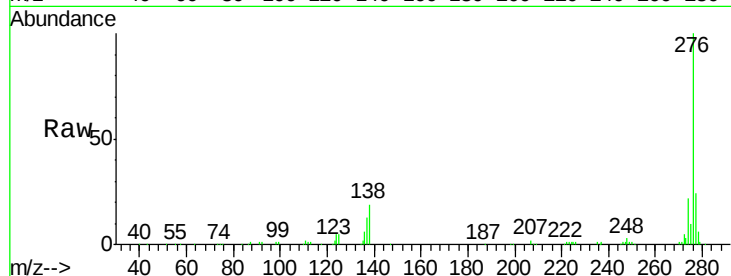




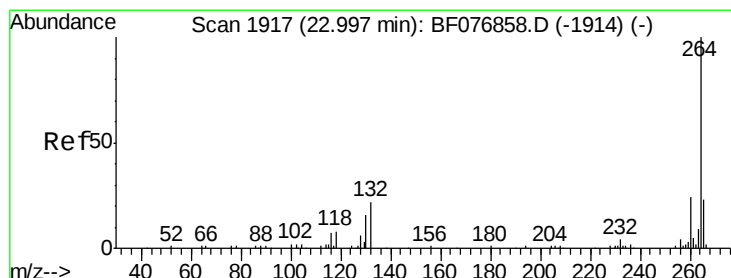
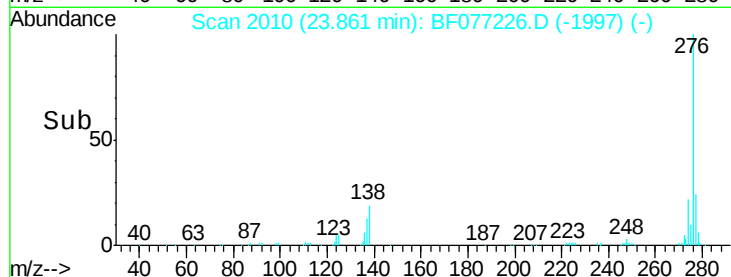
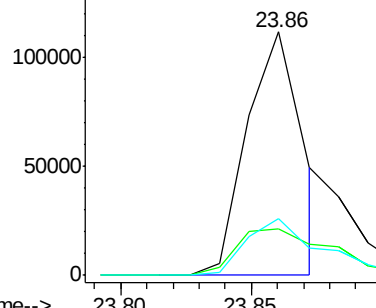
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.95 ng
RT: 23.86 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 164997
Ion Ratio Lower Upper
276 100
138 24.7 14.6 22.0#
277 24.1 14.8 22.2#

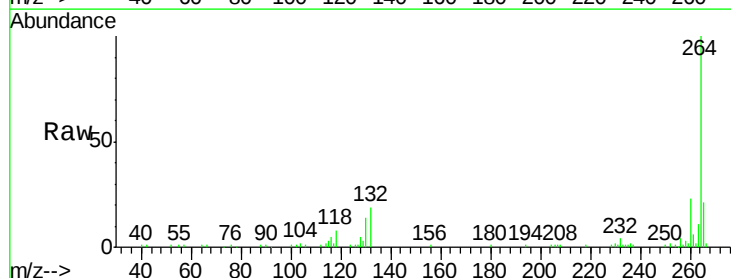


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

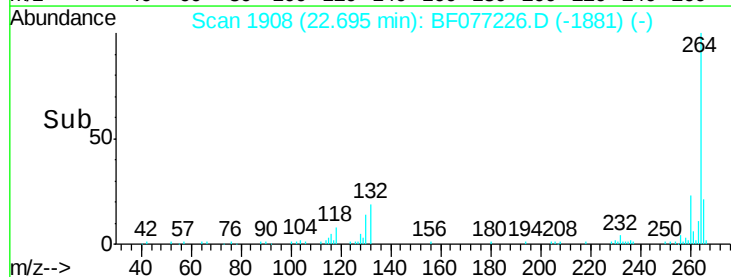
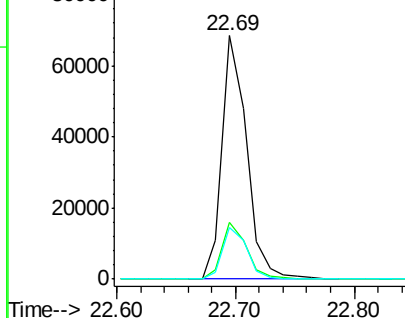


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.69 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:264 Resp: 98271
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.4 18.1 27.1



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

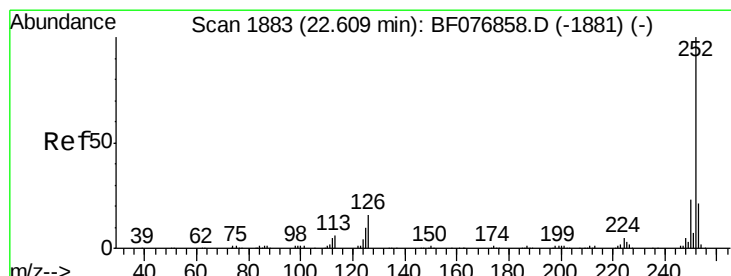
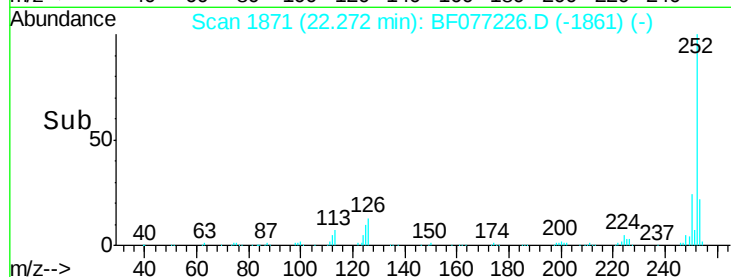
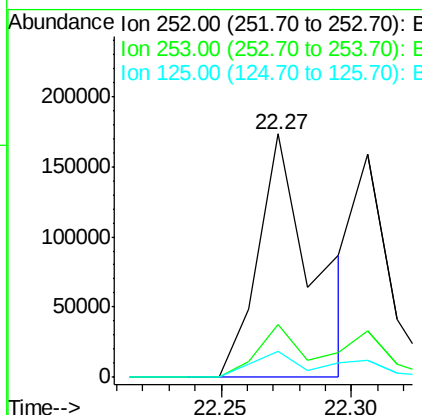
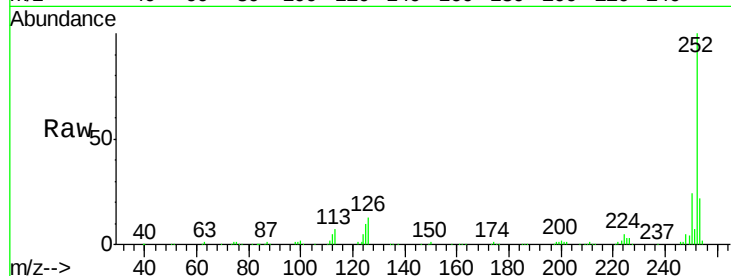




#87
Benzo(b)fluoranthene
Concen: 38.63 ng
RT: 22.27 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

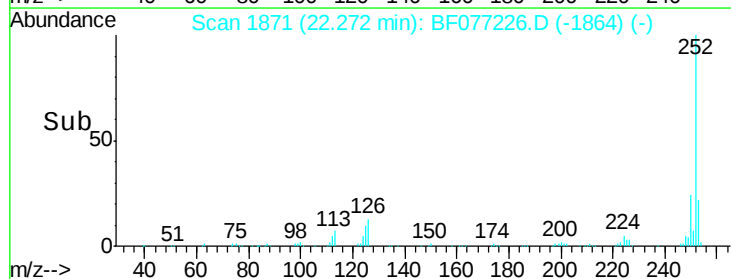
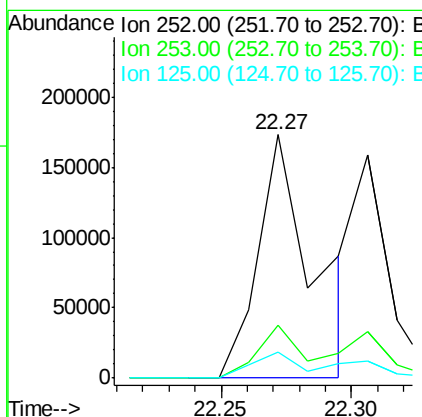
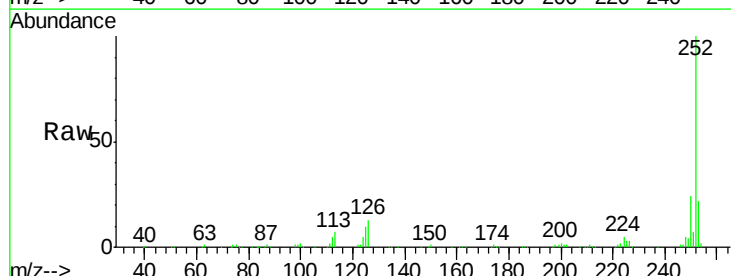
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.5	9.4	14.0



#88
Benzo(k)fluoranthene
Concen: 44.21 ng
RT: 22.27 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.5	7.1	10.7

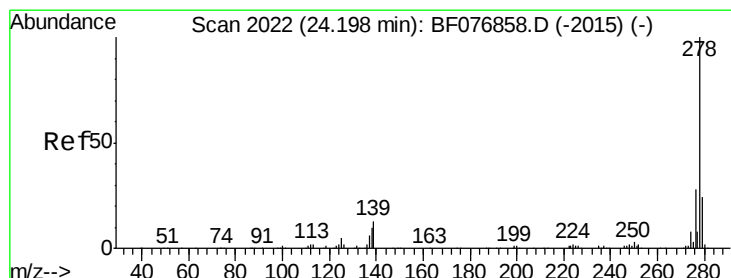
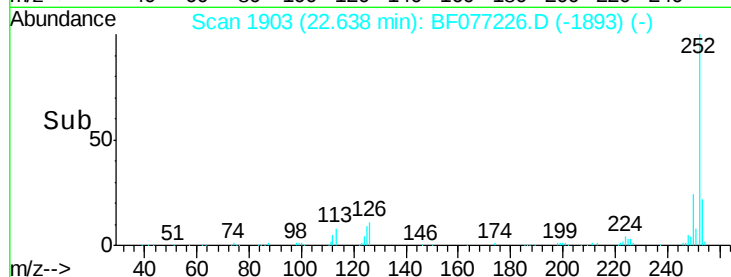
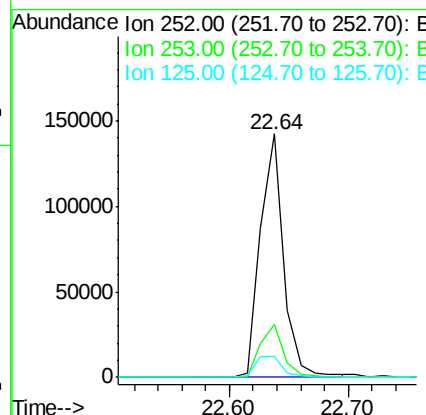
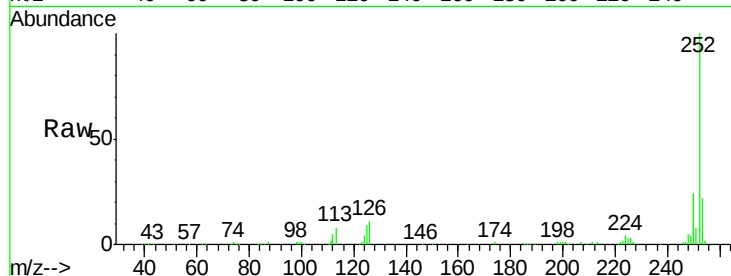




#89
Benzo(a)pyrene
Concen: 33.34 ng
RT: 22.64 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

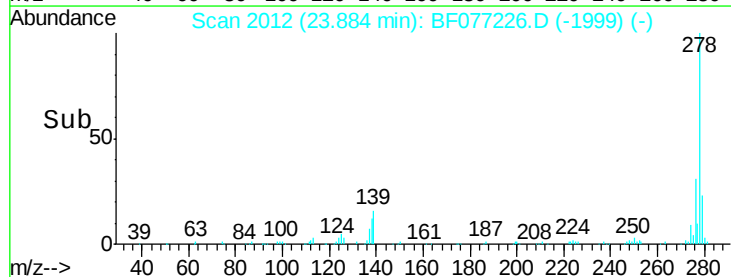
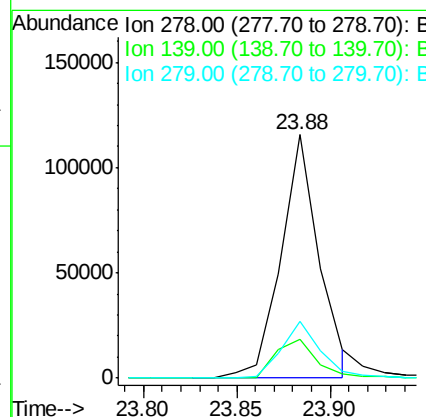
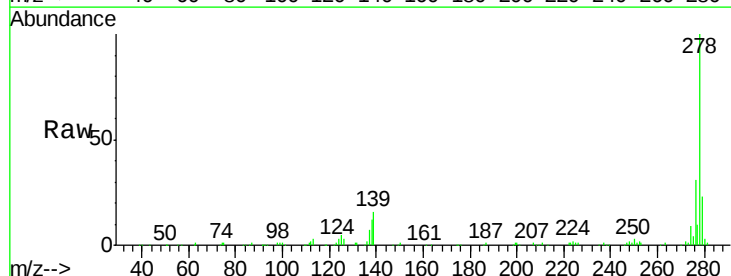
Instrument :
BNA_F
ClientSampleId :

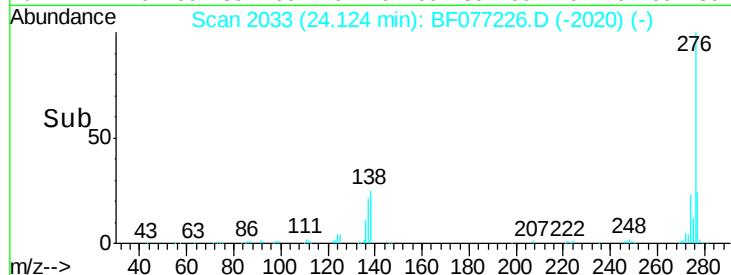
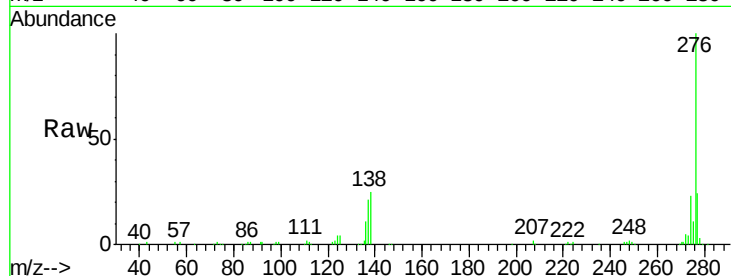
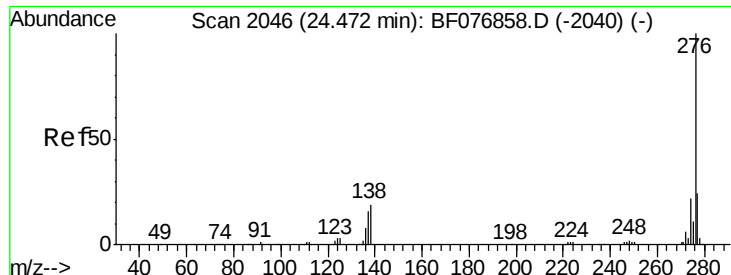
Tot Ion:252 Resp: 194626
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.6 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 30.66 ng
RT: 23.88 min Scan# 2012
Delta R.T. 0.05 min
Lab File: BF077226.D
Acq: 9 Feb 2015 16:04

Tgt Ion:278 Resp: 164216
Ion Ratio Lower Upper
278 100
139 15.8 10.5 15.7#
279 23.3 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 30.29 ng
 RT: 24.12 min Scan# 2033
 Delta R.T. 0.05 min
 Lab File: BF077226.D
 Acq: 9 Feb 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	24.8	15.0	22.6

