

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077211.D
 Acq On : 6 Feb 2015 20:20
 Operator : TP/IZ
 Sample : PB81634BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

Quant Time: Feb 06 23:55:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 23:44:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29316	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	125778	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	59858	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	112611	20.00	ng	0.00
75) Chrysene-d12	21.05	240	109998	20.00	ng	0.00
86) Perylene-d12	22.71	264	98603	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	167685	94.04	ng	0.00
7) Phenol-d6	7.06	99	209216	93.01	ng	0.01
23) Nitrobenzene-d5	8.96	82	196093	86.37	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	52015	107.05	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	405710	103.15	ng	0.00
78) Terphenyl-d14	19.79	244	450747	94.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.10	88	20092	26.32	ng	97
3) Pyridine	1.54	79	63917	32.35	ng	91
4) n-Nitrosodimethylamine	1.50	42	31447	32.13	ng	98
6) Aniline	6.93	93	53381	17.15	ng	96
8) 2-Chlorophenol	7.17	128	72411	35.23	ng	95
9) Benzaldehyde	6.70	77	4213	2.29	ng	# 87
10) Phenol	7.08	94	79032	33.09	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	68905	36.87	ng	# 73
12) 1,3-Dichlorobenzene	7.48	146	79648	34.06	ng	93
13) 1,4-Dichlorobenzene	7.69	146	80728	32.55	ng	97
14) 1,2-Dichlorobenzene	8.00	146	77896	34.09	ng	98
15) Benzyl Alcohol	8.10	79	64456	35.41	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	89910	35.79	ng	87
17) 2-Methylphenol	8.45	107	58105	34.59	ng	96
18) Hexachloroethane	8.74	117	30323	35.15	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	55600	35.31	ng	96
20) 3+4-Methylphenols	8.84	107	66191	29.76	ng	93
22) Acetophenone	8.65	105	108154	35.11	ng	98
24) Nitrobenzene	9.00	77	74529	32.22	ng	94
25) Isophorone	9.60	82	141211	34.15	ng	96
26) 2-Nitrophenol	9.74	139	34075	29.48	ng	# 92
27) 2,4-Dimethylphenol	10.03	122	64872	36.27	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	86488	36.80	ng	98
29) 2,4-Dichlorophenol	10.35	162	52044	31.22	ng	97
30) 1,2,4-Trichlorobenzene	10.46	180	63915	34.52	ng	95
31) Naphthalene	10.60	128	216739	33.47	ng	99
33) 4-Chloroaniline	10.86	127	42346	16.18	ng	99
34) Hexachlorobutadiene	10.97	225	37088	33.76	ng	91
35) Caprolactam	11.72	113	12825	26.13	ng	99
36) 4-Chloro-3-methylphenol	12.17	107	65155	34.14	ng	97
37) 2-Methylnaphthalene	12.26	142	155338	35.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	59698	40.34	ng	98
40) Hexachlorocyclopentadiene	12.64	237	59857	75.41	ng	96
42) 2,4,6-Trichlorophenol	13.01	196	39431	36.57	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	33035	30.04	ng	# 91
45) 1,1'-Biphenyl	13.41	154	182097	41.04	ng	99
46) 2-Chloronaphthalene	13.38	162	144944	39.69	ng	99
47) 2-Nitroaniline	13.73	65	44996	40.62	ng	91
48) Acenaphthylene	14.33	152	236945	38.47	ng	99
49) Dimethylphthalate	14.29	163	180074	42.42	ng	99
50) 2,6-Dinitrotoluene	14.39	165	36926	43.54	ng	97
51) Acenaphthene	14.75	154	135435	38.75	ng	95
52) 3-Nitroaniline	14.74	138	26147	24.53	ng	92
53) 2,4-Dinitrophenol	15.03	184	18693	51.82	ng	95
54) Dibenzofuran	15.17	168	211833	41.61	ng	97
55) 4-Nitrophenol	15.35	139	37969	57.06	ng	97
56) 2,4-Dinitrotoluene	15.32	165	51007	40.46	ng	# 93
57) Fluorene	15.94	166	177727	41.21	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.54	232	28059	35.04	ng	# 93
59) Diethylphthalate	15.95	149	189486	44.17	ng	98
60) 4-Chlorophenyl-phenylether	16.04	204	75265	42.65	ng	89
61) 4-Nitroaniline	16.10	138	33917	32.21	ng	90
62) Azobenzene	16.33	77	188079	42.08	ng	97
64) 4,6-Dinitro-2-methylphenol	16.18	198	21916	31.50	ng	89
65) n-Nitrosodiphenylamine	16.29	169	144793	36.06	ng	97
66) 4-Bromophenyl-phenylether	16.91	248	43765	38.36	ng	88
67) Hexachlorobenzene	16.92	284	44981	37.41	ng	96
68) Atrazine	17.30	200	50287	41.27	ng	98
69) Pentachlorophenol	17.30	266	29506	55.79	ng	99
70) Phenanthrene	17.57	178	246641	35.12	ng	98
71) Anthracene	17.65	178	252314	36.84	ng	99
72) Carbazole	17.95	167	242519	36.51	ng	99
73) Di-n-butylphthalate	18.55	149	310547	40.39	ng	99
74) Fluoranthene	19.23	202	266254	37.00	ng	98
76) Benzidine	19.48	184	108522	30.83	ng	98
77) Pyrene	19.52	202	275281	36.52	ng	99
79) Butylbenzylphthalate	20.45	149	137631	40.31	ng	94
80) Benzo(a)anthracene	21.04	228	237041	34.35	ng	98
81) 3,3'-Dichlorobenzidine	21.06	252	52849	24.10	ng	# 98
82) Chrysene	21.08	228	236600	37.59	ng	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	199750	42.29	ng	98
84) Di-n-octyl phthalate	21.96	149	343056	41.84	ng	99
87) Benzo(b)fluoranthene	22.29	252	228060	34.34	ng	# 96
88) Benzo(k)fluoranthene	22.29	252	228043	39.30	ng	99
89) Benzo(a)pyrene	22.64	252	214063	36.54	ng	# 96
90) Dibenzo(a,h)anthracene	23.84	278	187593	34.90	ng	97
91) Benzo(g,h,i)perylene	24.08	276	182297	34.12	ng	95

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

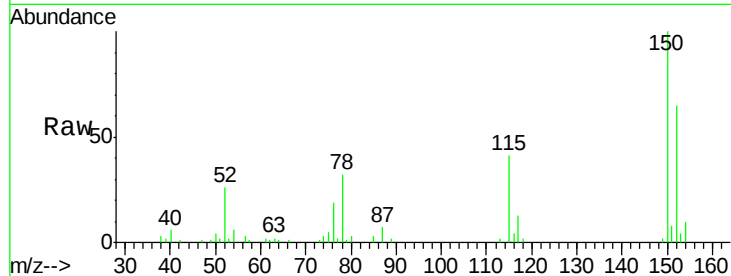


#1

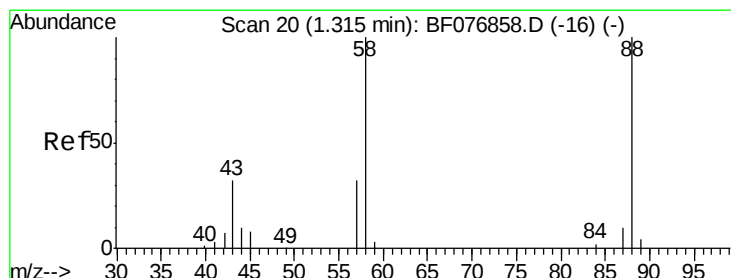
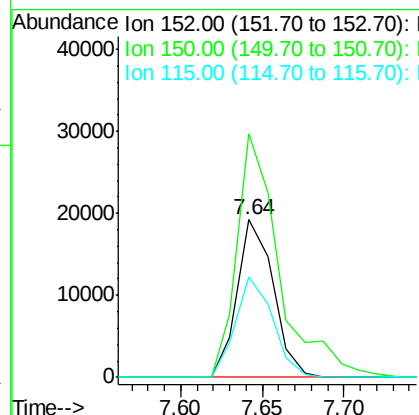
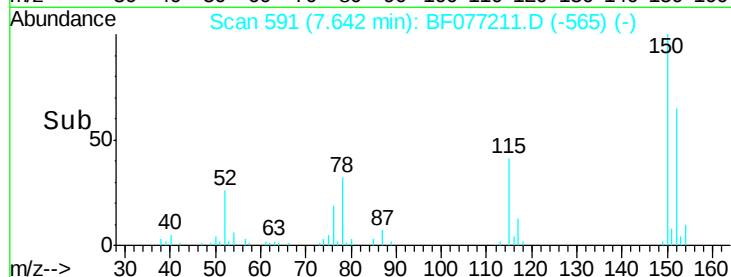
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

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ClientSampleId :
PB81634BSD

Tot Ion:152 Resp: 29316
Ion Ratio Lower Upper
152 100
150 154.9 121.7 182.5
115 63.6 47.0 70.6



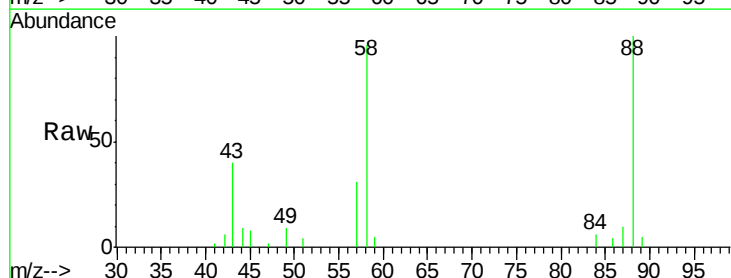
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



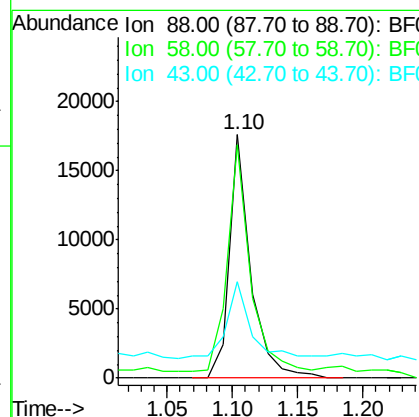
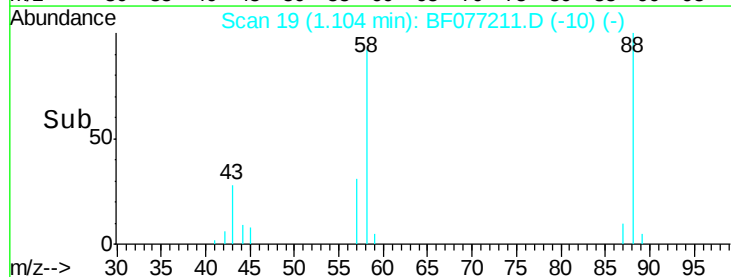
#2

1,4-Dioxane
Concen: 26.32 ng
RT: 1.10 min Scan# 19
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion: 88 Resp: 20092
Ion Ratio Lower Upper
88 100
58 99.1 77.0 115.4
43 34.8 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: 32.35 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

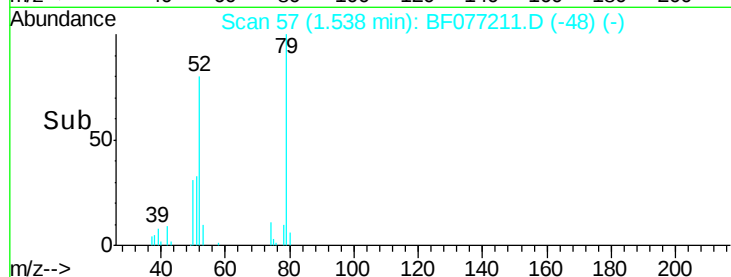
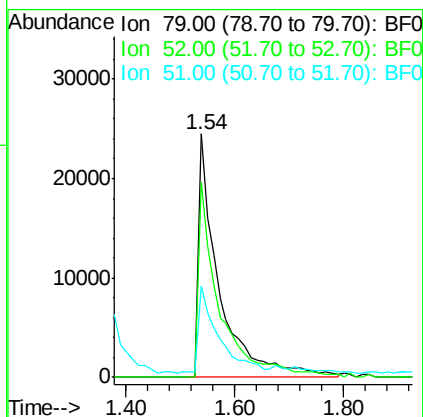
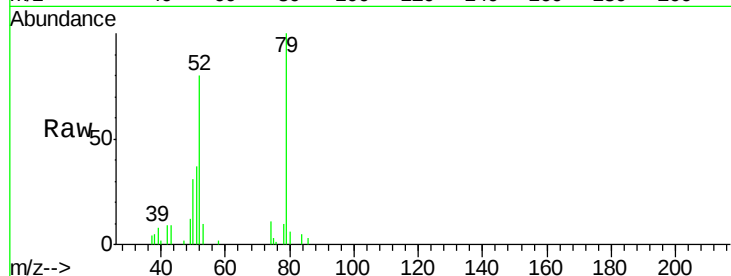
Tot Ion: 79 Resp: 63917

Ion Ratio Lower Upper

79 100

52 79.9 70.1 105.1

51 37.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 32.13 ng

RT: 1.50 min Scan# 54

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

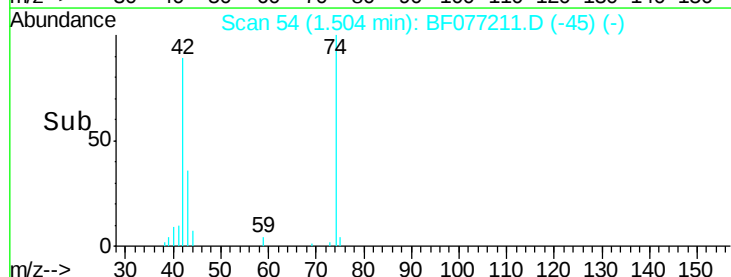
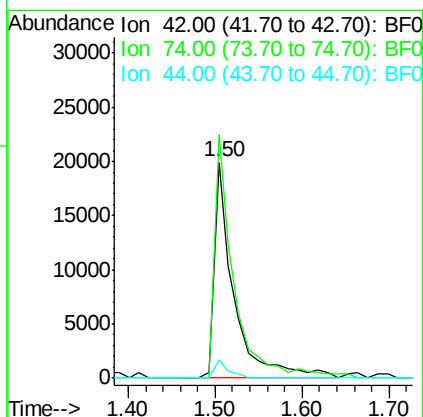
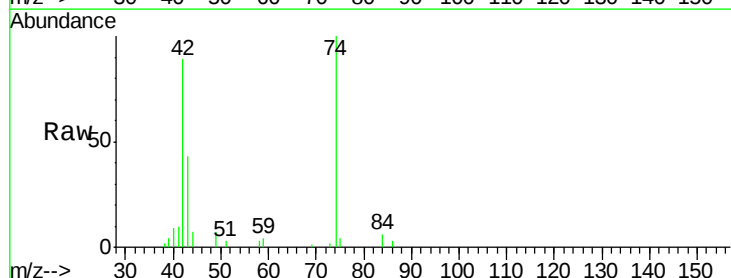
Tgt Ion: 42 Resp: 31447

Ion Ratio Lower Upper

42 100

74 112.8 92.4 138.6

44 8.4 6.2 9.2





#5

2-Fluorophenol

Concen: 94.04 ng

RT: 4.66 min Scan# 330

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

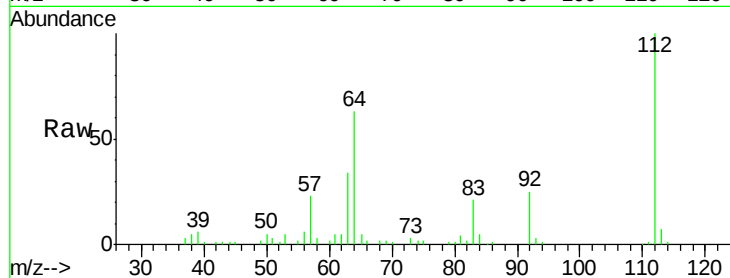
Tot Ion: 112 Resp: 167685

Ion Ratio Lower Upper

112 100

64 63.2 54.2 81.4

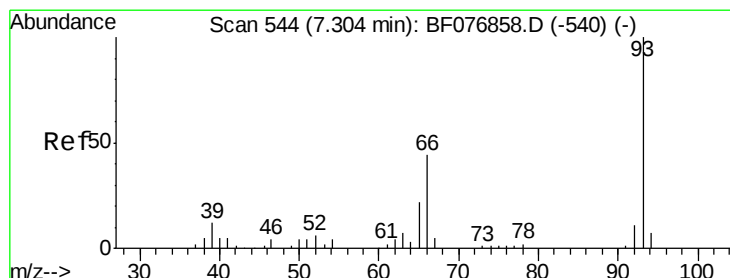
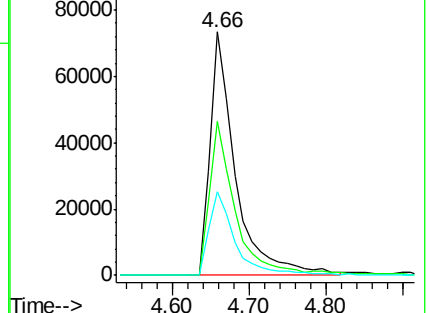
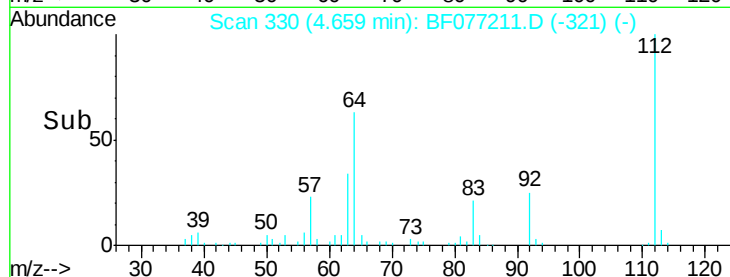
63 34.3 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.15 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

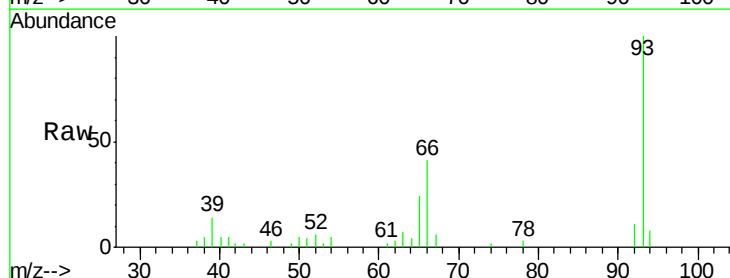
Tgt Ion: 93 Resp: 53381

Ion Ratio Lower Upper

93 100

66 41.4 35.0 52.4

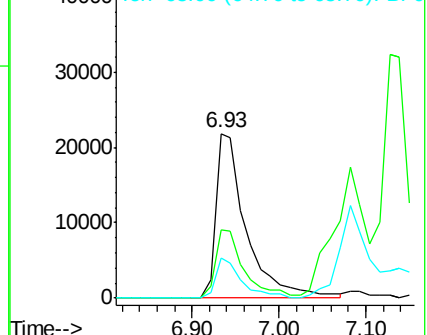
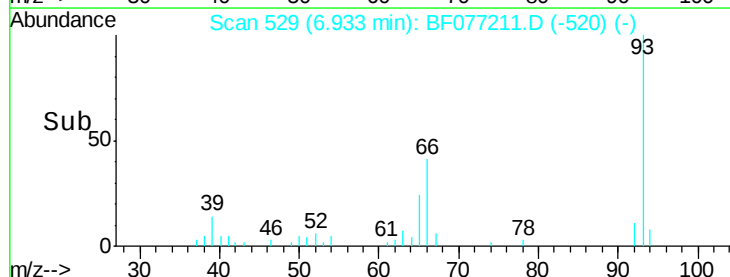
65 24.2 17.7 26.5

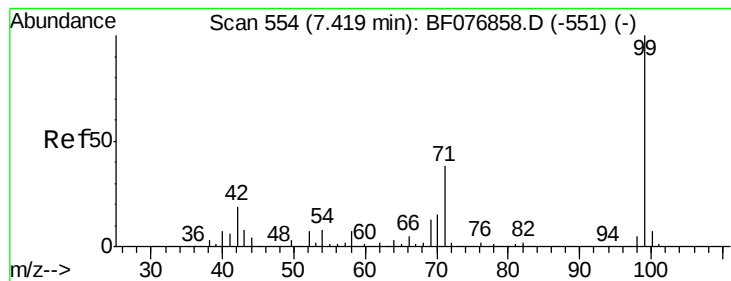


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.01 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF077211.D

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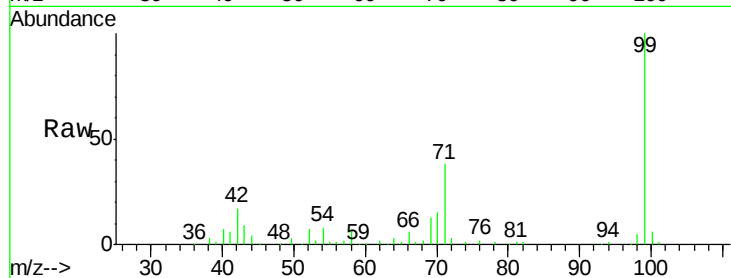
Tot Ion: 99 Resp: 209216

Ion Ratio Lower Upper

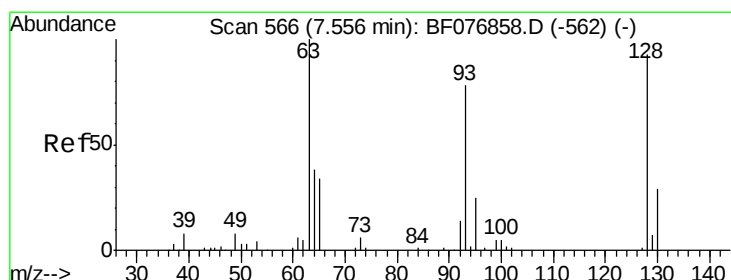
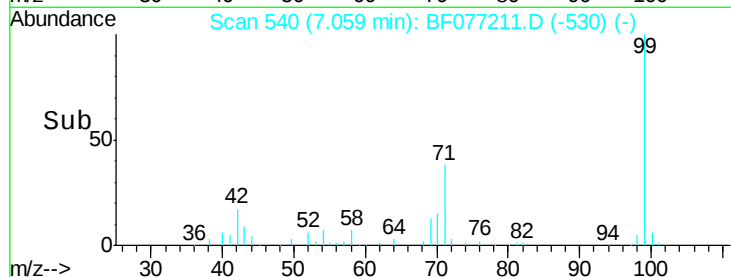
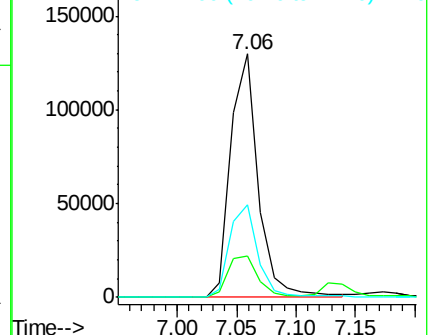
99 100

42 17.2 15.0 22.4

71 37.8 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: 35.23 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

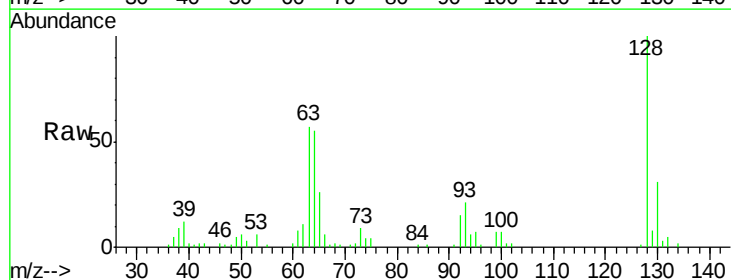
Tgt Ion: 128 Resp: 72411

Ion Ratio Lower Upper

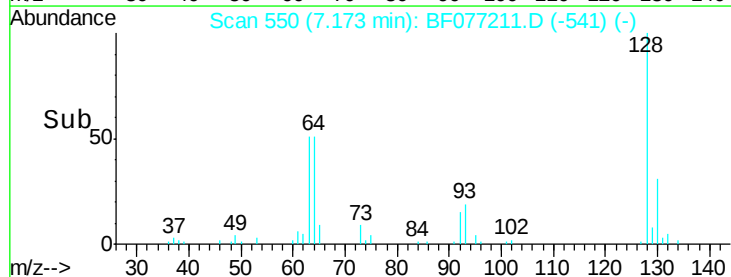
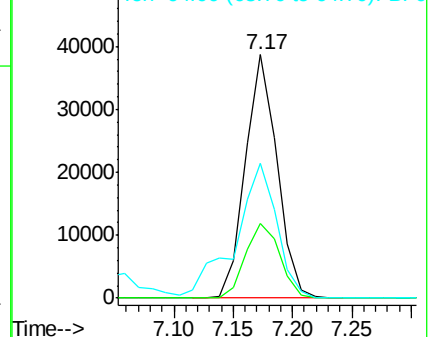
128 100

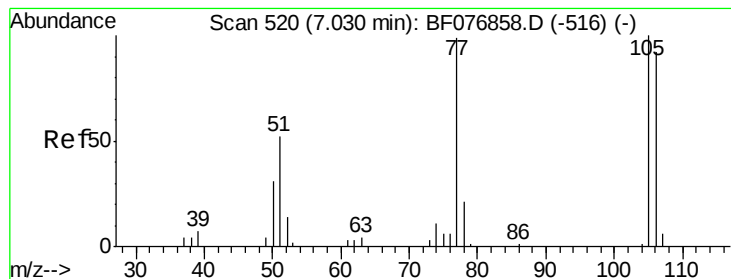
130 30.9 11.0 51.0

64 55.3 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: 2.29 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

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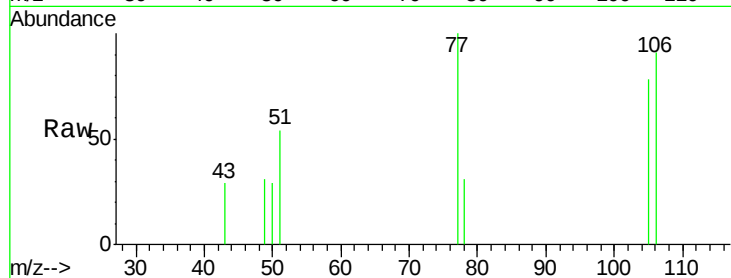
Tot Ion: 77 Resp: 4213

Ion Ratio Lower Upper

77 100

105 78.4 81.4 121.4#

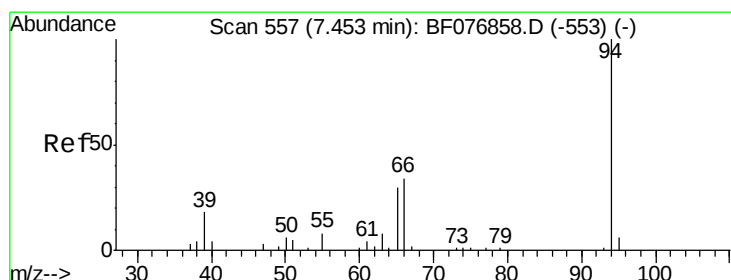
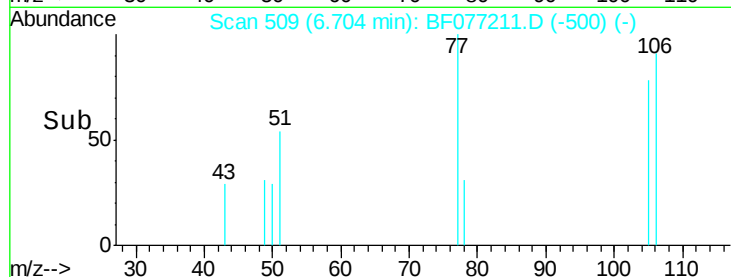
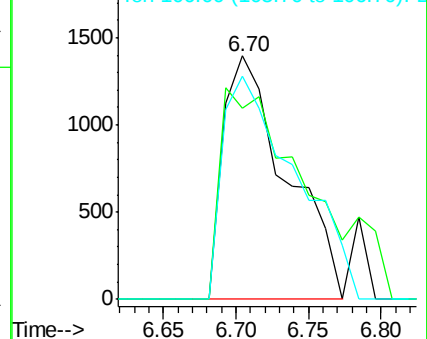
106 91.4 72.8 112.8



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: 33.09 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

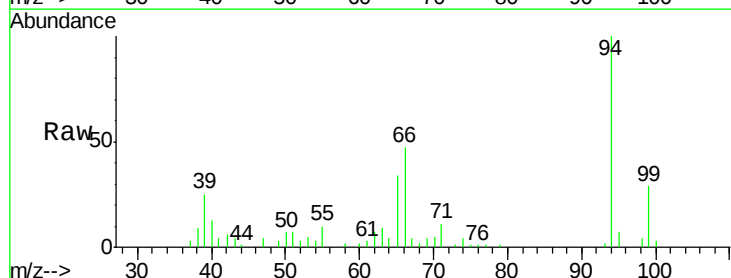
Tgt Ion: 94 Resp: 79032

Ion Ratio Lower Upper

94 100

65 33.5 11.3 51.3

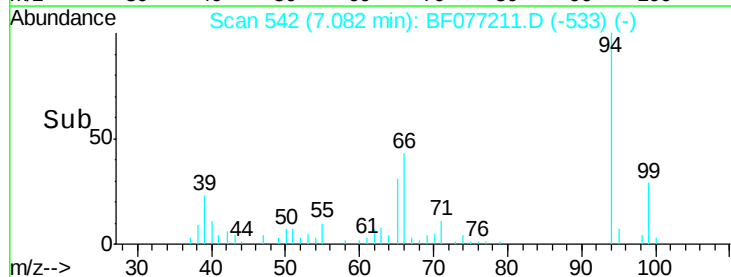
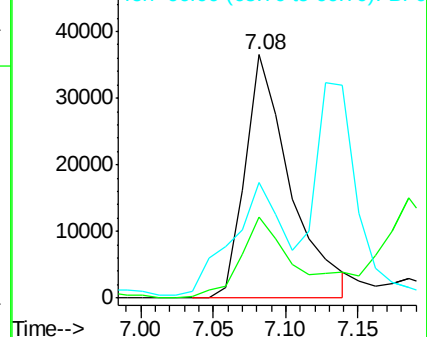
66 47.4 19.5 59.5

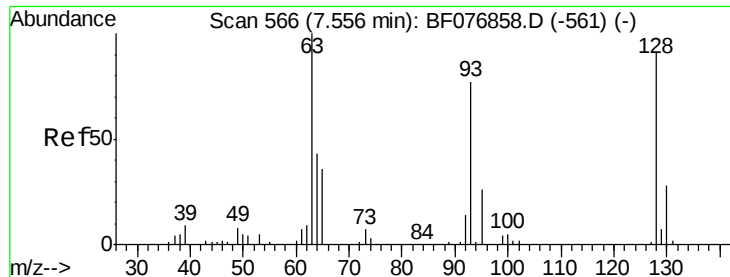


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

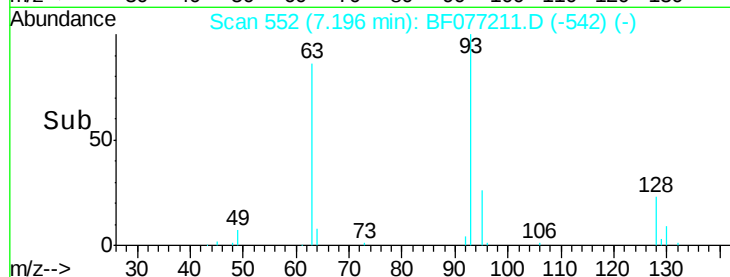
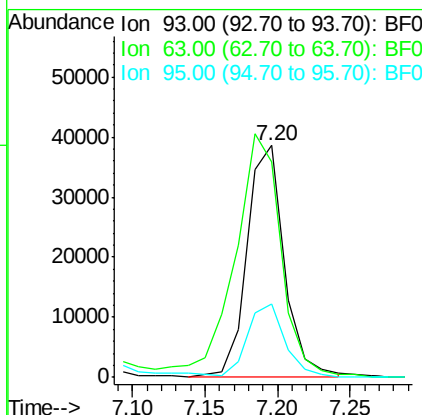
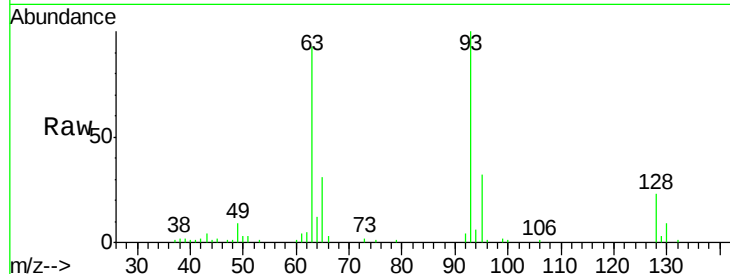




#11
bis(2-Chloroethyl)ether
Concen: 36.87 ng
RT: 7.20 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

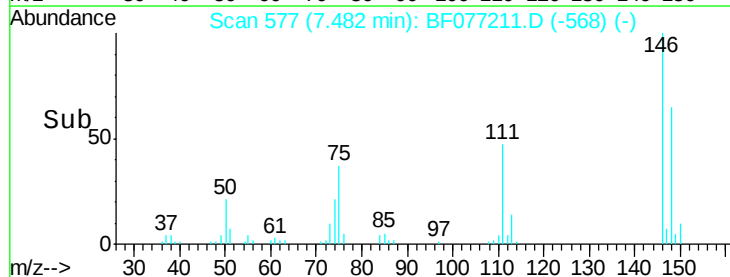
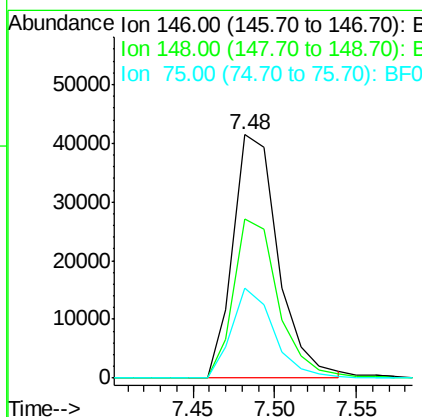
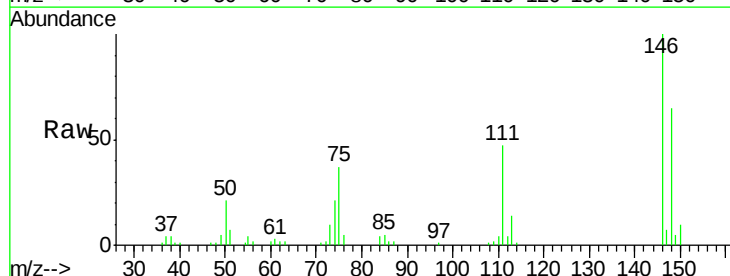
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion: 93 Resp: 68905
Ion Ratio Lower Upper
93 100
63 92.8 111.3 151.3#
95 31.8 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 34.06 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion: 146 Resp: 79648
Ion Ratio Lower Upper
146 100
148 65.3 48.1 72.1
75 36.9 26.8 40.2

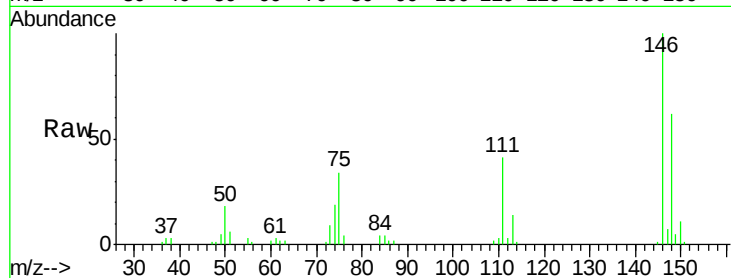




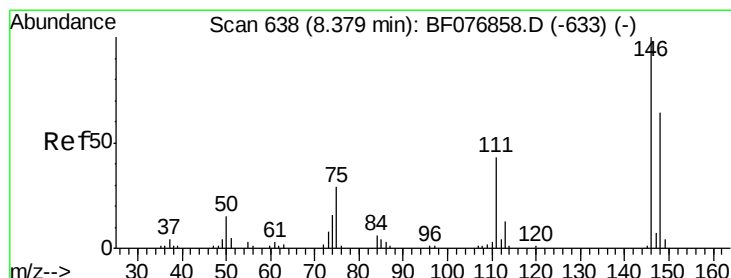
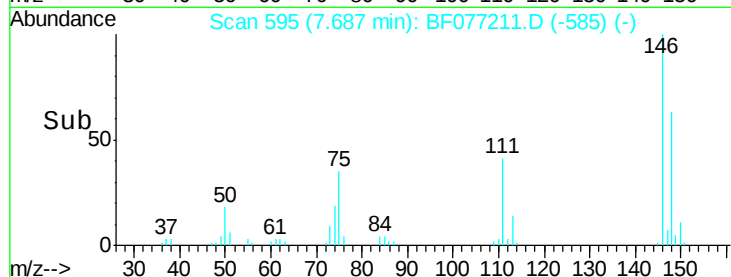
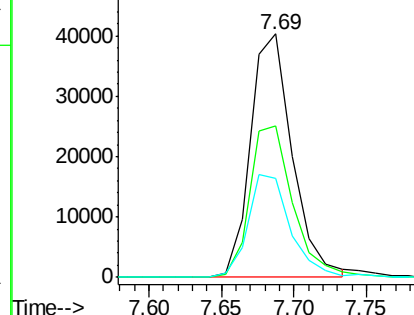
#13
 1,4-Dichlorobenzene
 Concen: 32.55 ng
 RT: 7.69 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

Tot Ion:146 Resp: 80728
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.5 77.3
 111 40.5 33.9 50.9

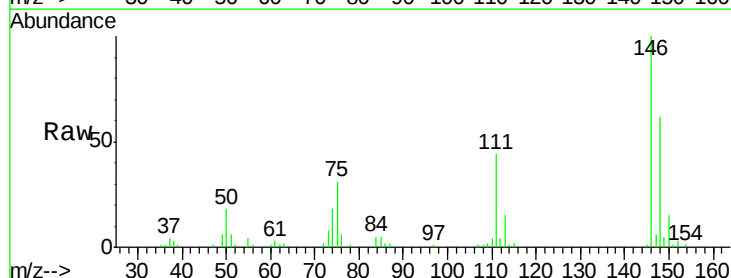


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

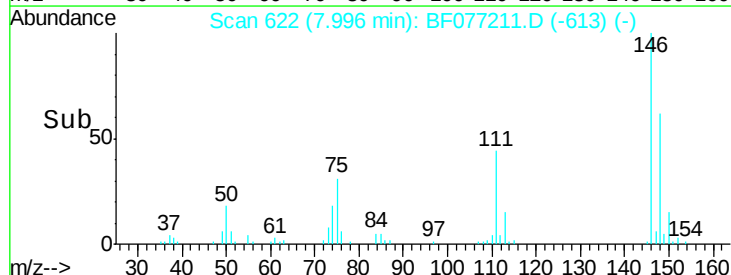
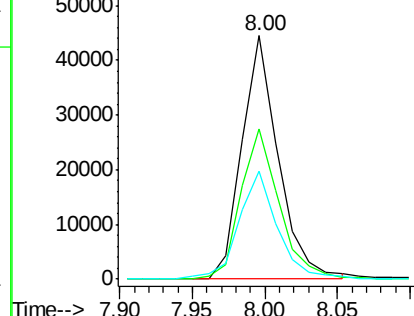


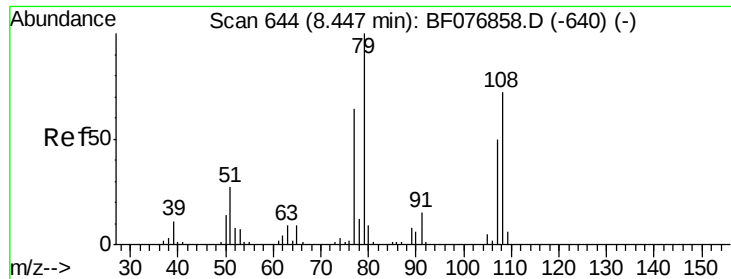
#14
 1,2-Dichlorobenzene
 Concen: 34.09 ng
 RT: 8.00 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Tgt Ion:146 Resp: 77896
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.3 76.9
 111 44.1 34.5 51.7



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

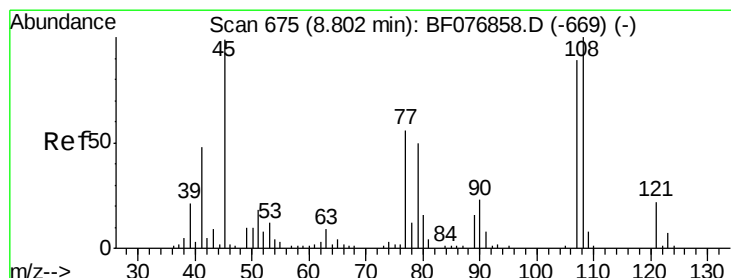
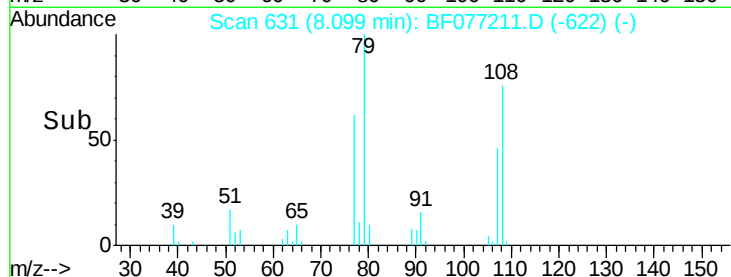
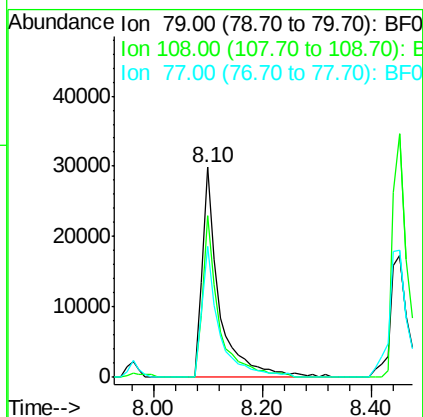
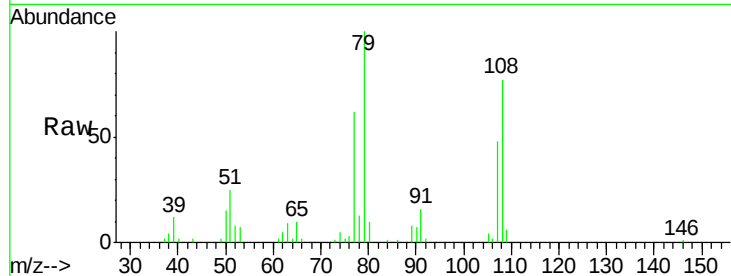




#15
Benzyl Alcohol
Concen: 35.41 ng
RT: 8.10 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

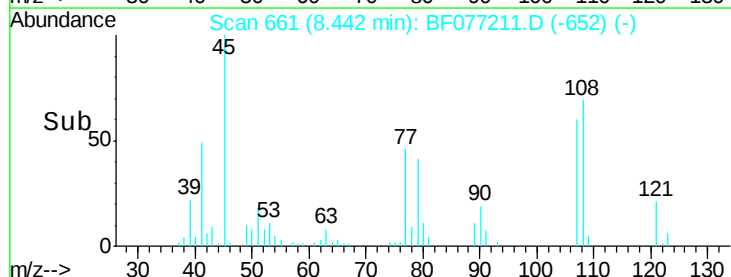
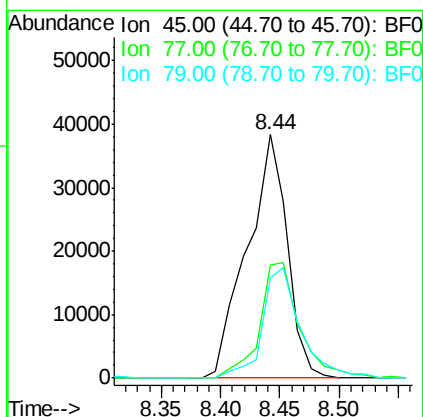
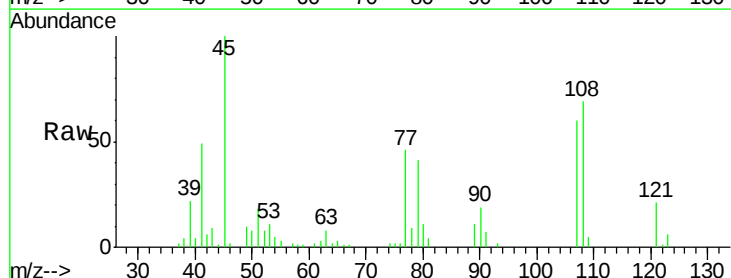
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion: 79 Resp: 64456
Ion Ratio Lower Upper
79 100
108 77.2 57.2 85.8
77 62.4 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.79 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion: 45 Resp: 89910
Ion Ratio Lower Upper
45 100
77 46.5 36.1 76.1
79 41.2 30.5 70.5





#17

2-Methylphenol

Concen: 34.59 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

Tot Ion:107 Resp: 58105

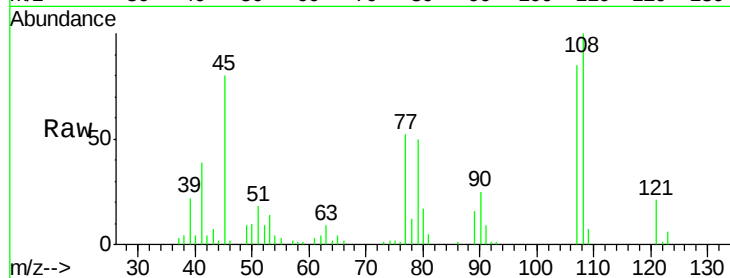
Ion Ratio Lower Upper

107 100

108 117.0 89.7 134.5

77 61.4 50.1 75.1

79 58.9 45.0 67.6

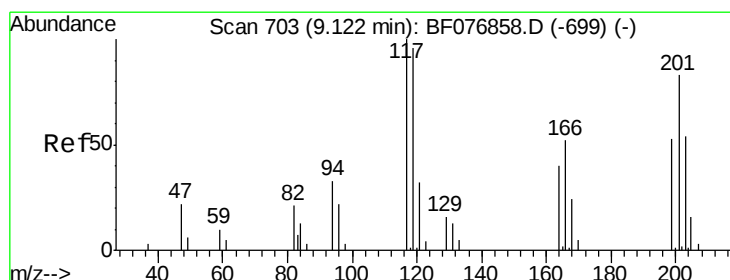
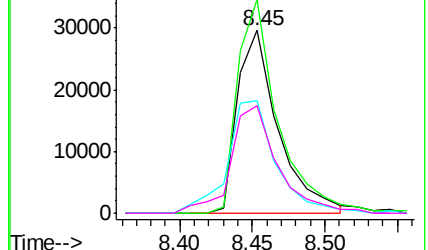
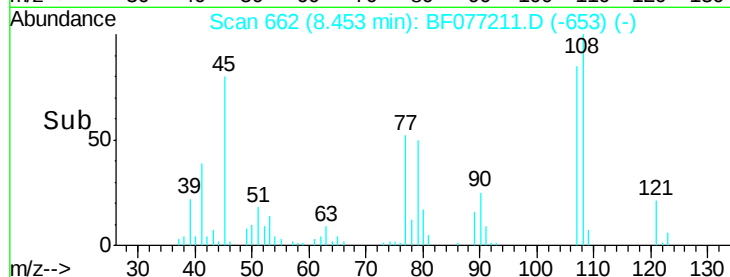


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.15 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

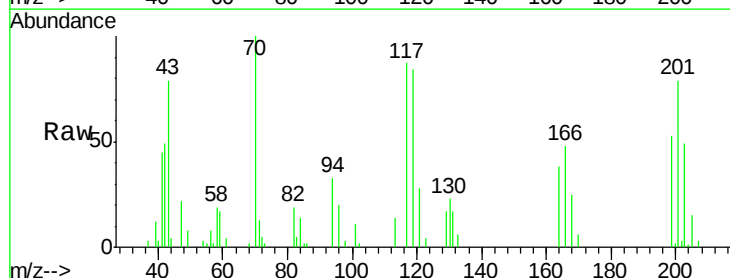
Tgt Ion:117 Resp: 30323

Ion Ratio Lower Upper

117 100

119 96.3 77.1 115.7

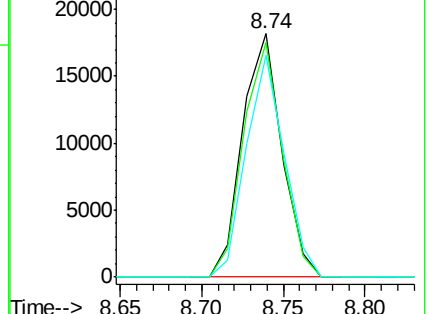
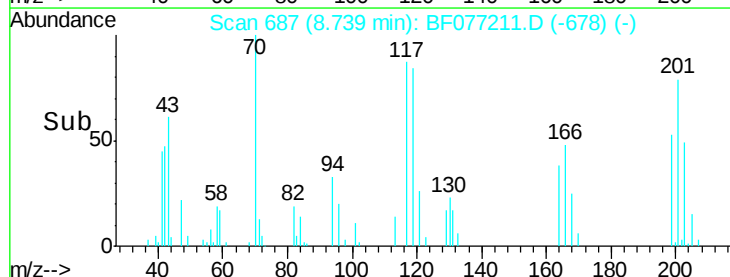
201 90.9 66.8 100.2

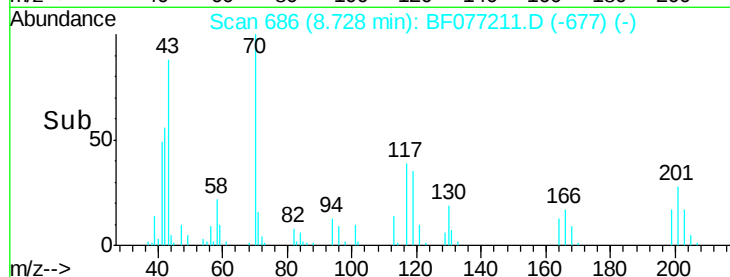
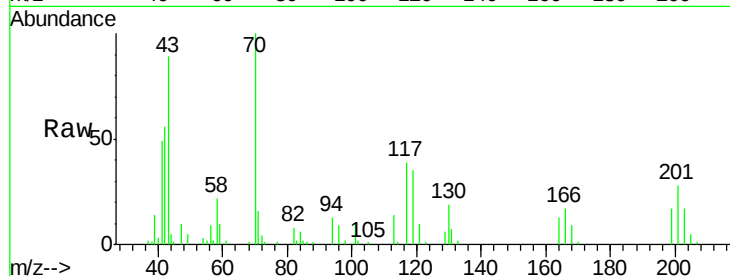
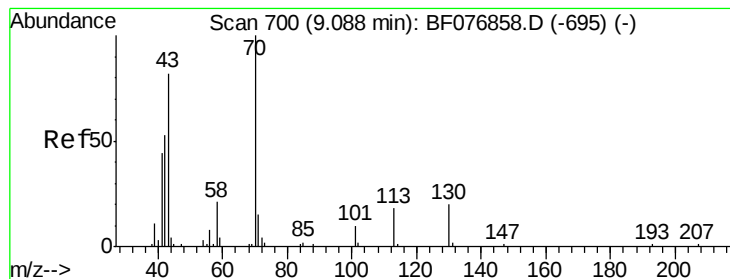


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.31 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

Tot Ion: 70 Resp: 55600

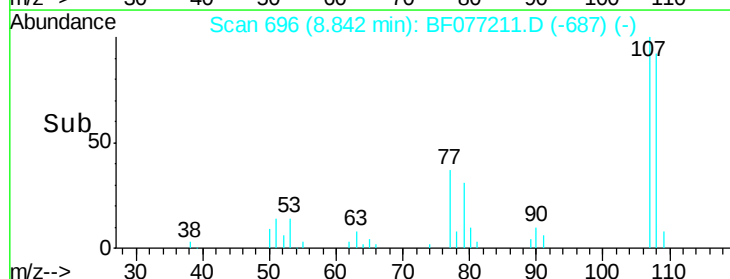
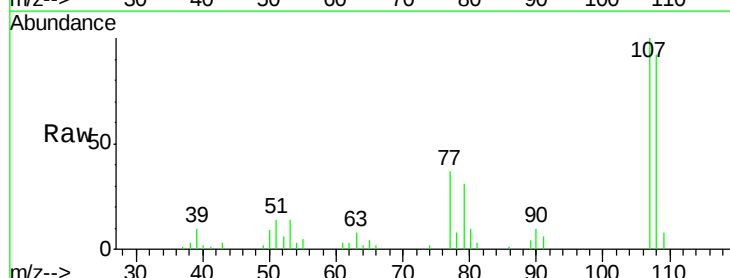
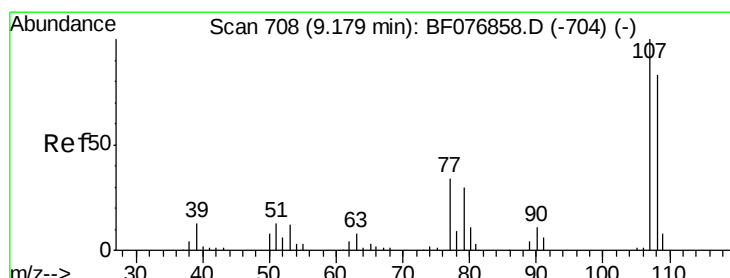
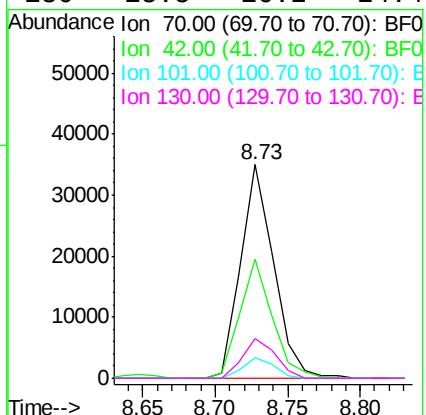
Ion Ratio Lower Upper

70 100

42 55.6 42.1 63.1

101 9.7 7.8 11.8

130 18.5 16.2 24.4



#20

3+4-Methylphenols

Concen: 29.76 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Tgt Ion: 107 Resp: 66191

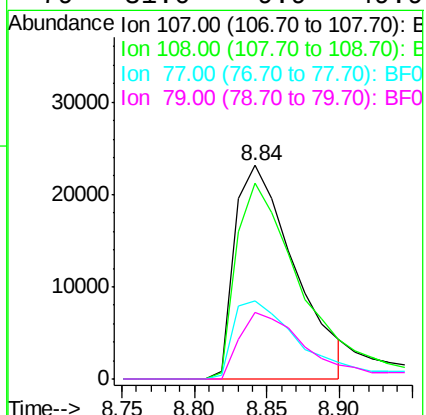
Ion Ratio Lower Upper

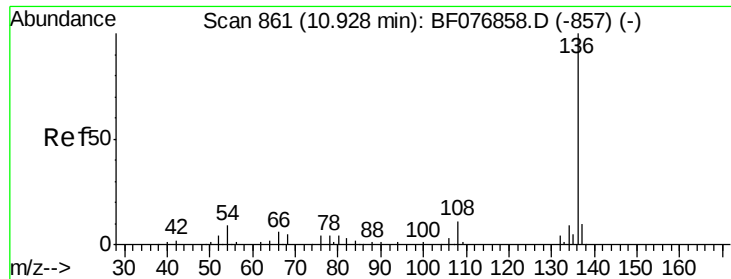
107 100

108 91.5 63.5 103.5

77 36.7 14.0 54.0

79 31.0 9.9 49.9

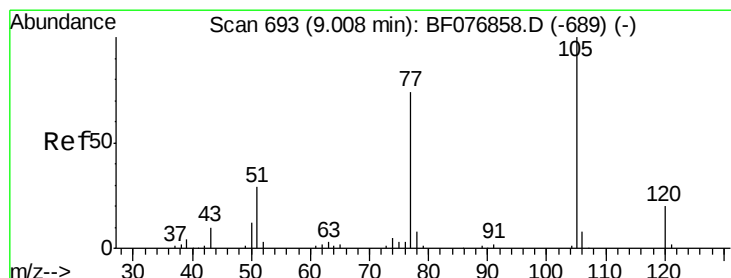
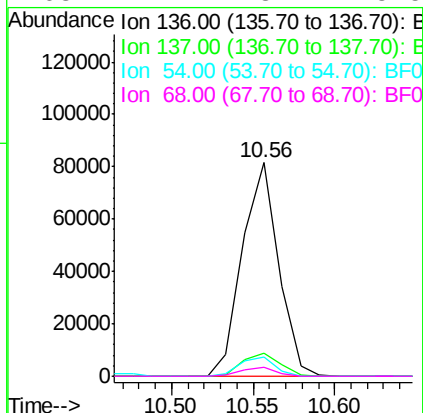
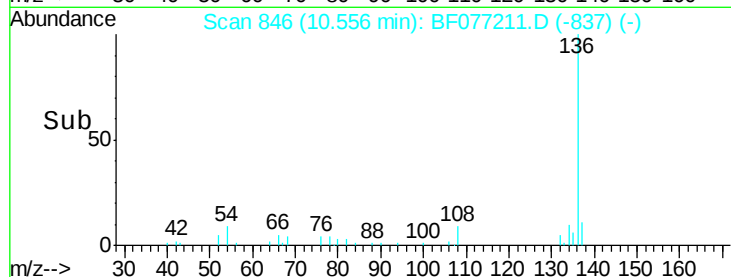
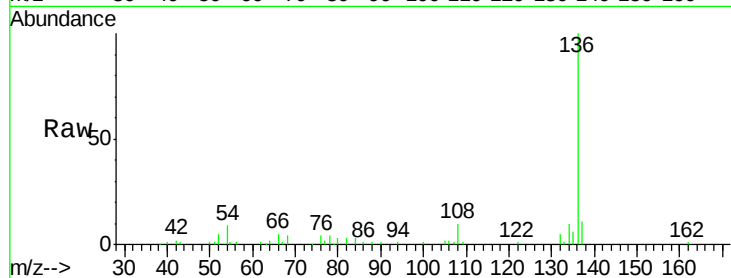




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

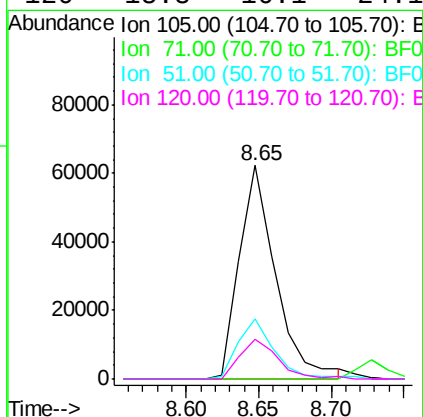
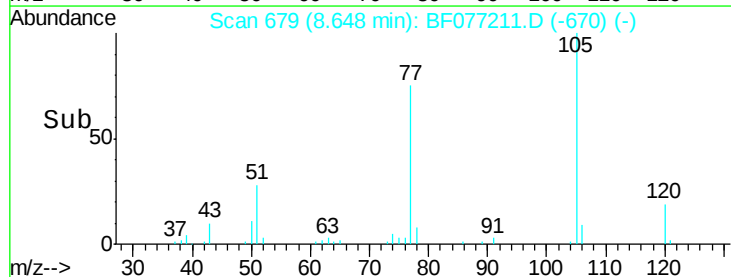
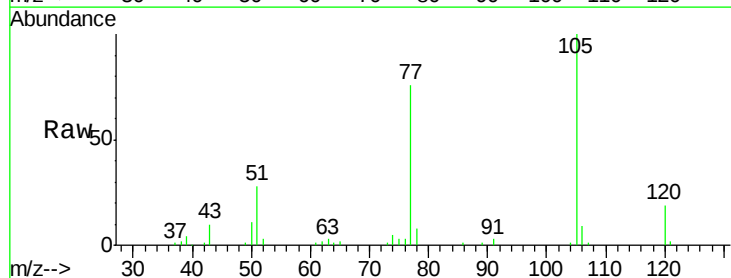
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion:136	Resp:	125778
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.1 12.1
54	9.2	7.0 10.4
68	4.4	3.7 5.5



#22
Acetophenone
Concen: 35.11 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:105	Resp:	108154
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	28.2	23.3 34.9
120	18.8	16.1 24.1

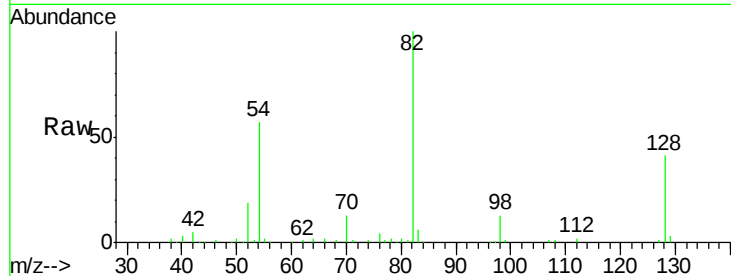




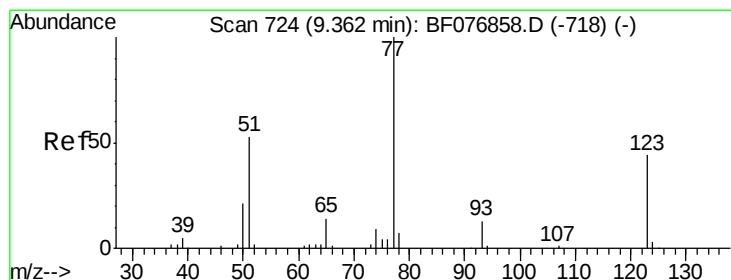
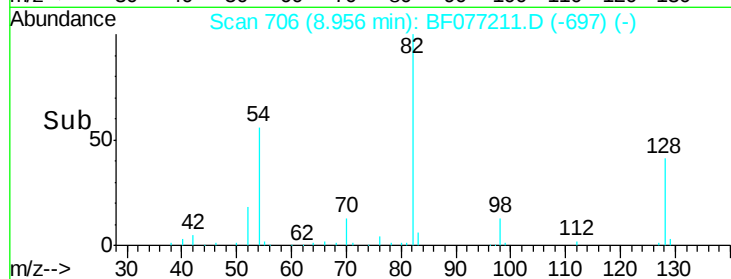
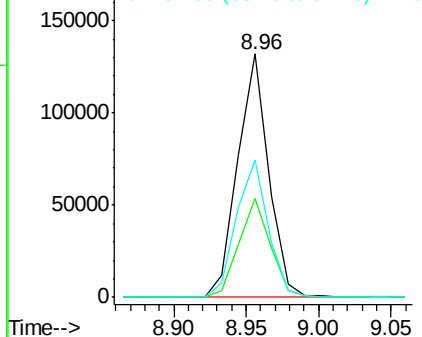
#23
 Nitrobenzene-d5
 Concen: 86.37 ng
 RT: 8.96 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.1	49.7
54	56.6	48.3	72.5

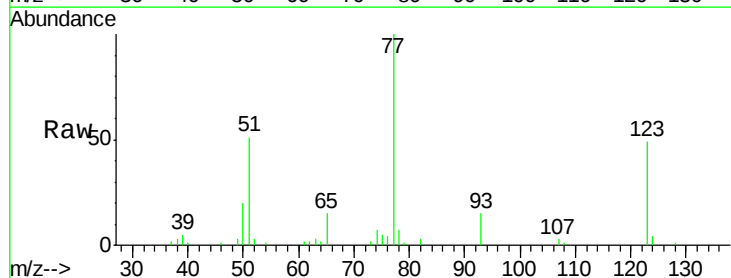


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

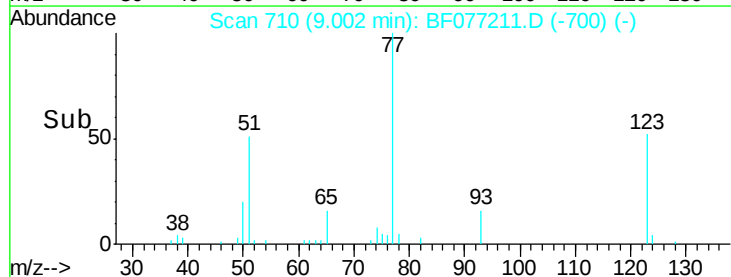
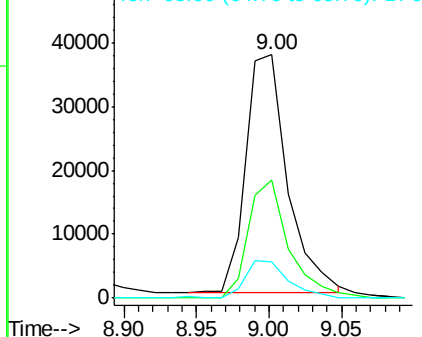


#24
 Nitrobenzene
 Concen: 32.22 ng
 RT: 9.00 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	35.2	52.8
65	14.7	11.4	17.2



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

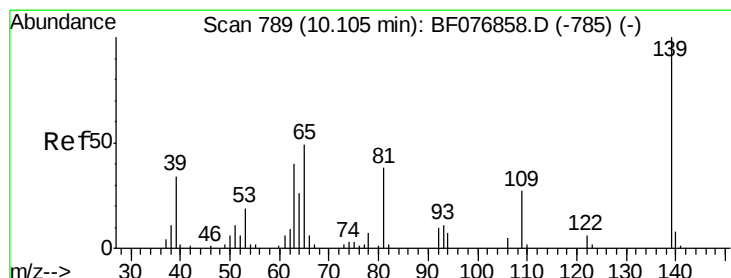
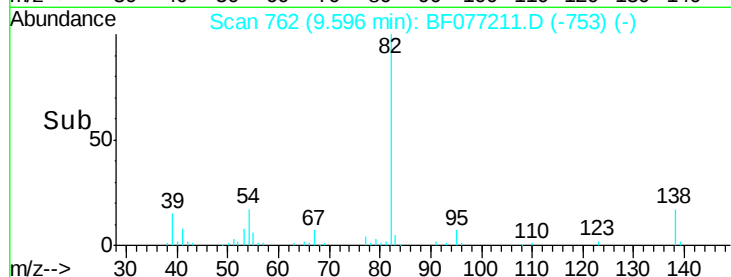
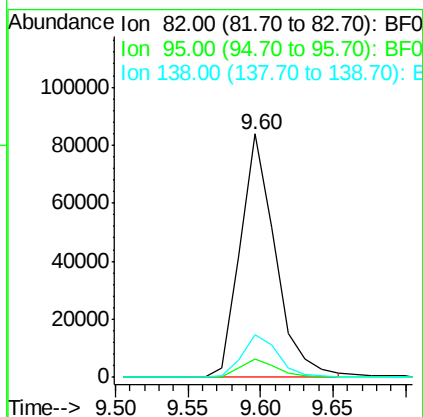
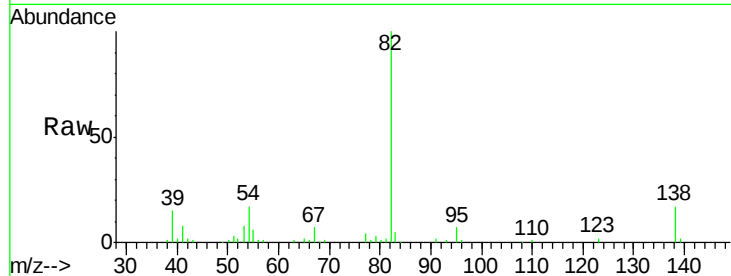




#25
Isophorone
Concen: 34.15 ng
RT: 9.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

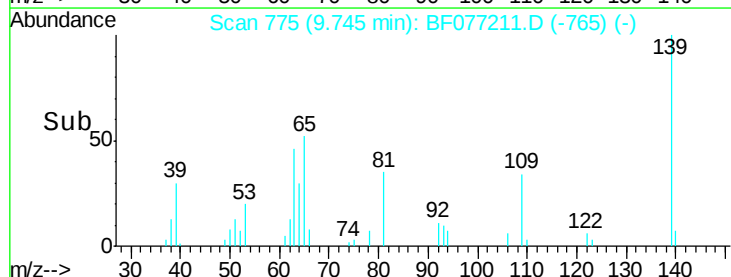
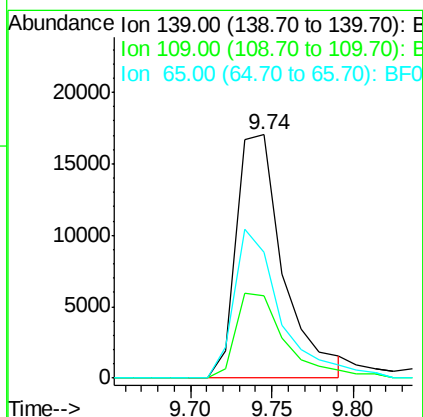
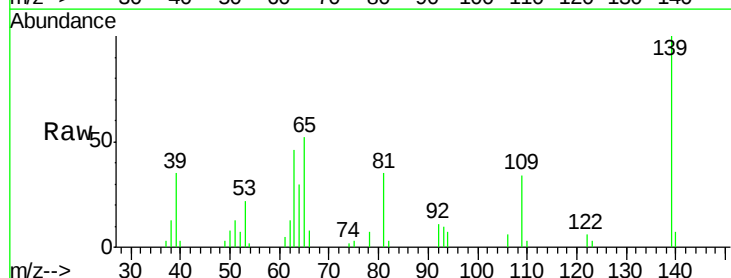
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion: 82 Resp: 141211
Ion Ratio Lower Upper
82 100
95 7.3 6.6 10.0
138 17.4 12.6 18.8



#26
2-Nitrophenol
Concen: 29.48 ng
RT: 9.74 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion: 139 Resp: 34075
Ion Ratio Lower Upper
139 100
109 34.0 21.3 31.9#
65 51.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 36.27 ng

RT: 10.03 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

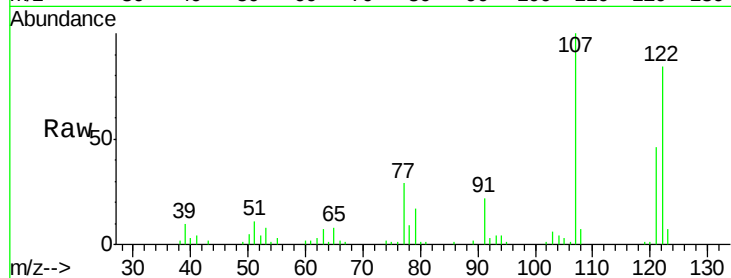
Tot Ion:122 Resp: 64872

Ion Ratio Lower Upper

122 100

107 119.7 95.2 142.8

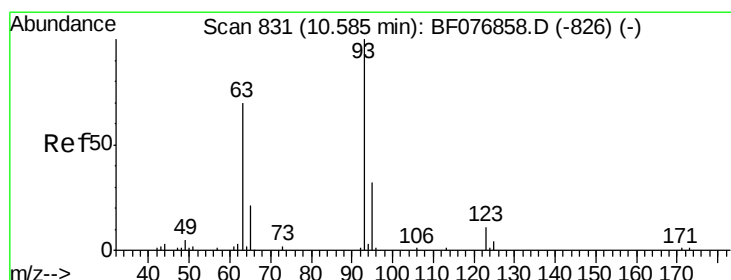
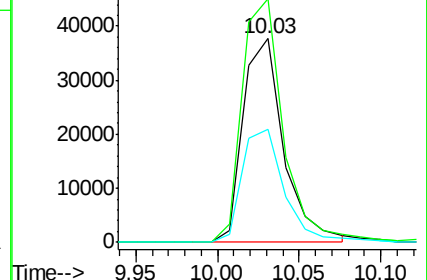
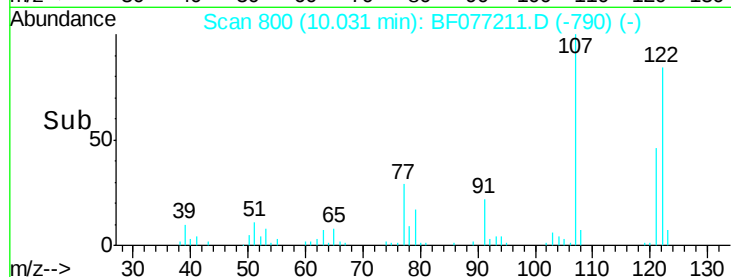
121 55.4 42.9 64.3



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: 36.80 ng

RT: 10.22 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

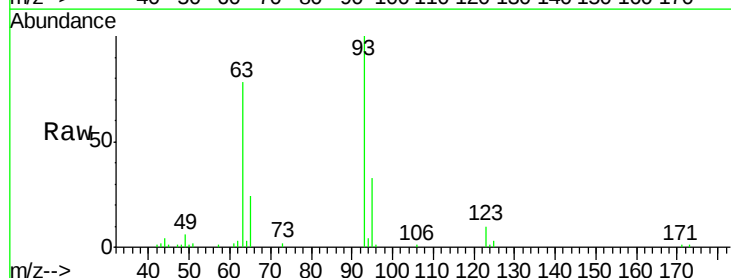
Tgt Ion: 93 Resp: 86488

Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

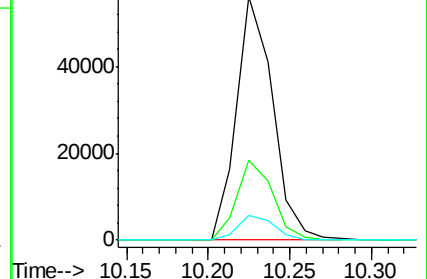
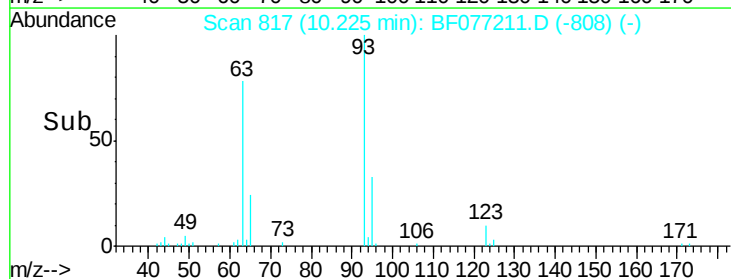
123 10.1 8.9 13.3



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

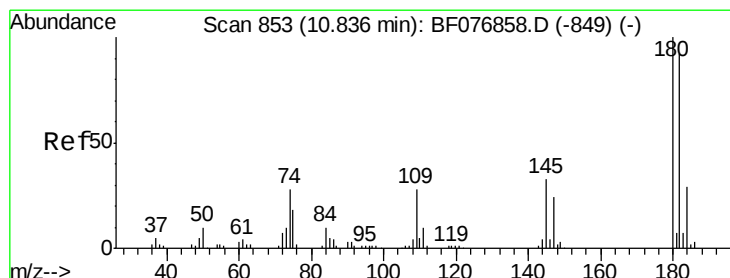
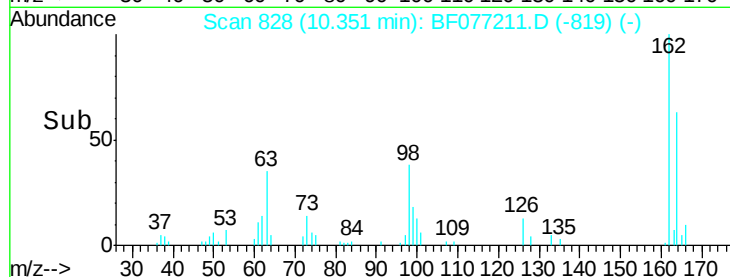
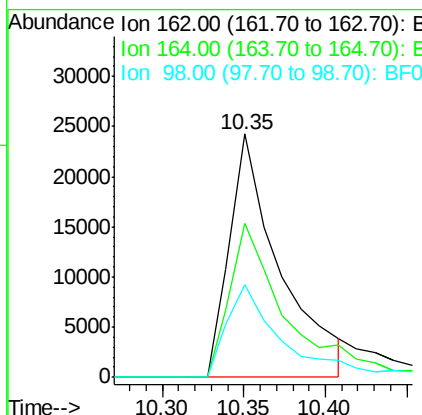
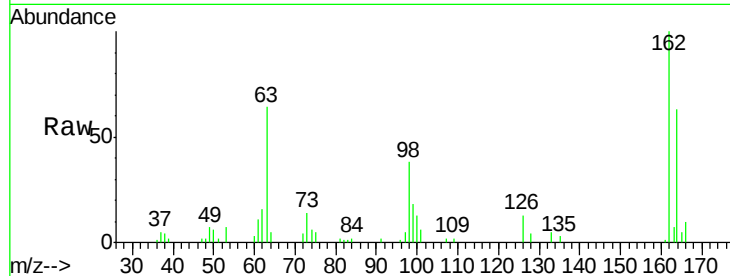




#29
 2,4-Dichlorophenol
 Concen: 31.22 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

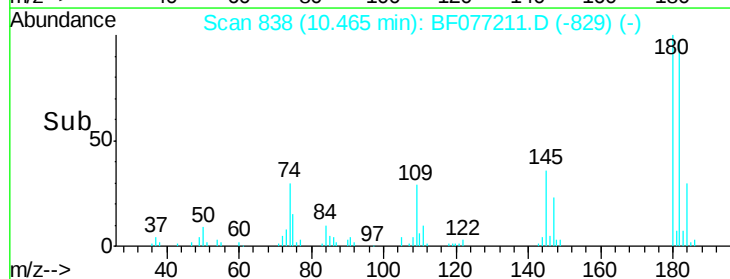
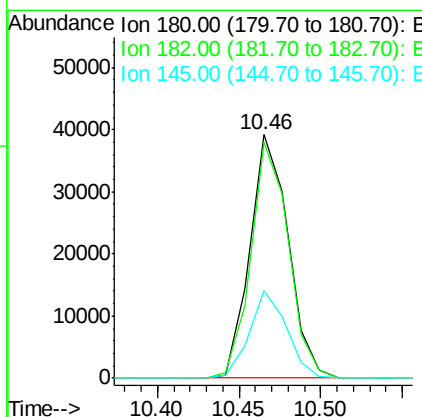
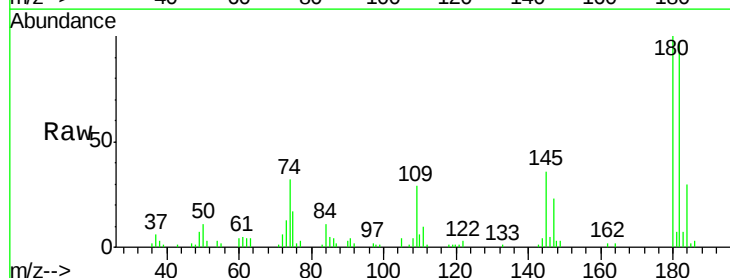
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

Tot Ion:162 Resp: 52044
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.8 83.8
 98 37.8 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 34.52 ng
 RT: 10.46 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Tgt Ion:180 Resp: 63915
 Ion Ratio Lower Upper
 180 100
 182 96.8 73.6 110.4
 145 35.7 26.6 39.8

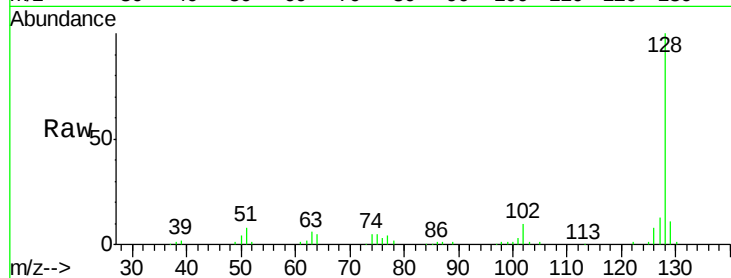




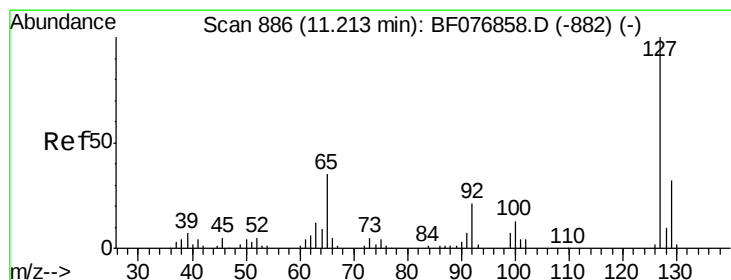
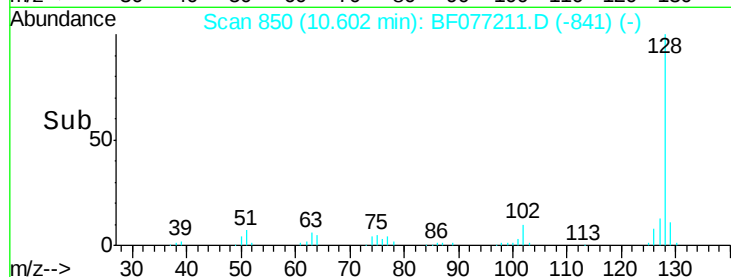
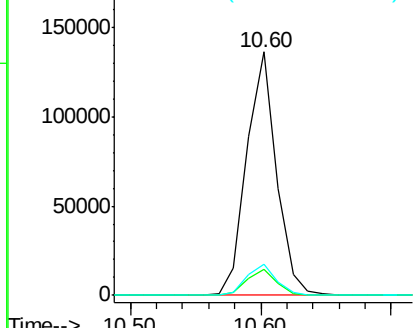
#31
Naphthalene
Concen: 33.47 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion:128 Resp: 216739
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.2 15.2

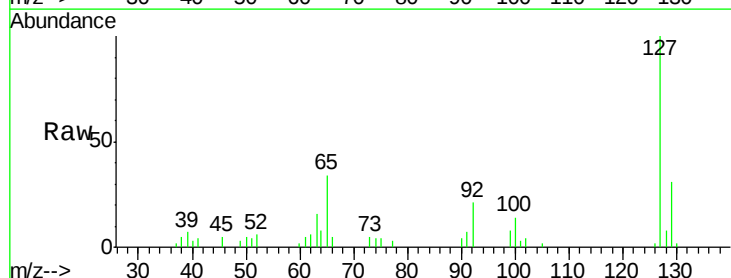


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

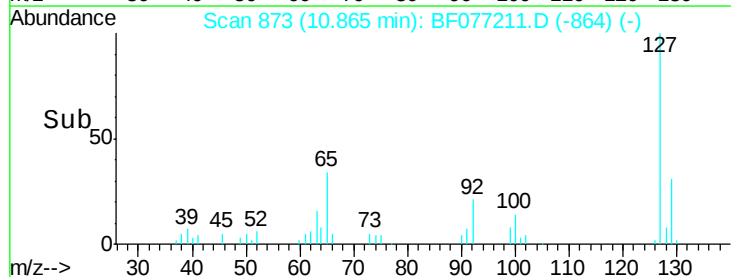
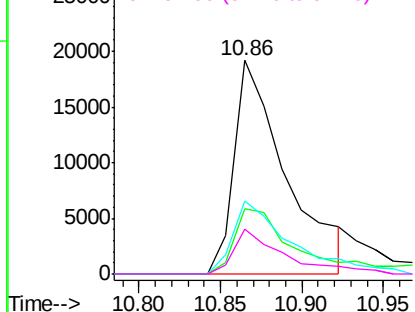


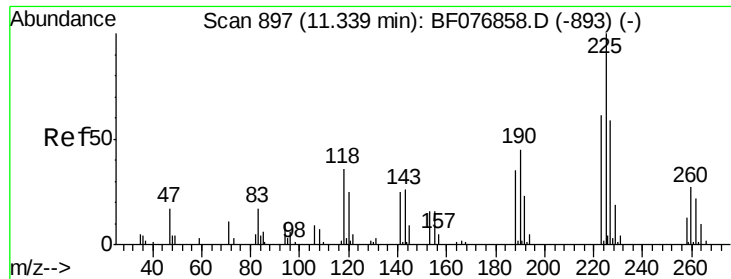
#33
4-Chloroaniline
Concen: 16.18 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:127 Resp: 42346
Ion Ratio Lower Upper
127 100
129 30.5 25.3 37.9
65 34.4 27.8 41.6
92 20.9 16.5 24.7



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





#34

Hexachlorobutadiene

Concen: 33.76 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

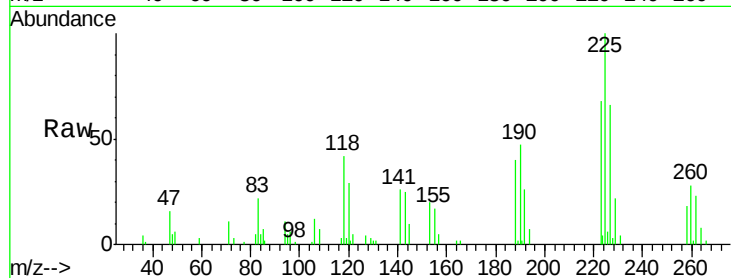
Tot Ion:225 Resp: 37088

Ion Ratio Lower Upper

225 100

223 68.5 49.1 73.7

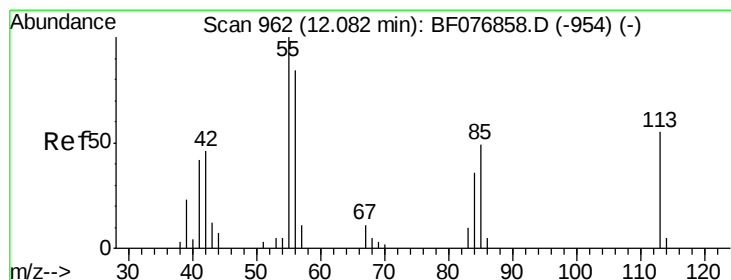
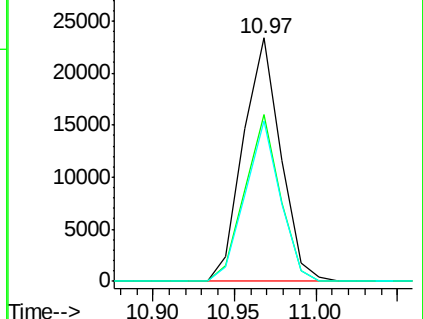
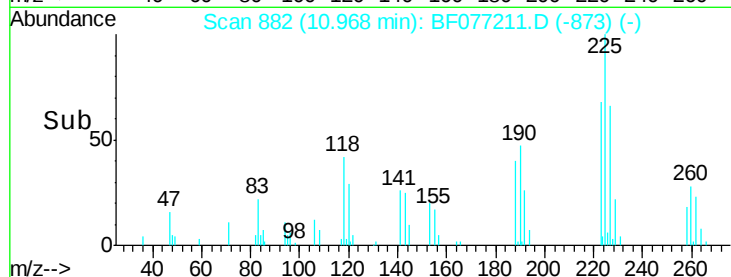
227 66.0 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 26.13 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

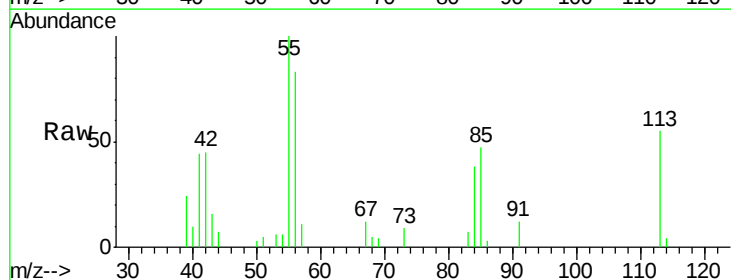
Tgt Ion:113 Resp: 12825

Ion Ratio Lower Upper

113 100

55 182.6 162.1 202.1

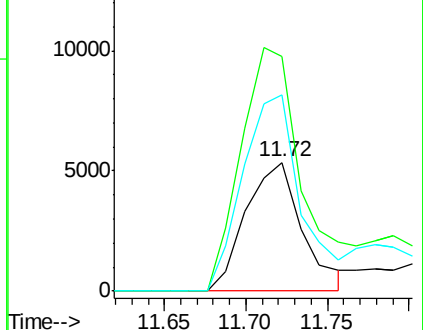
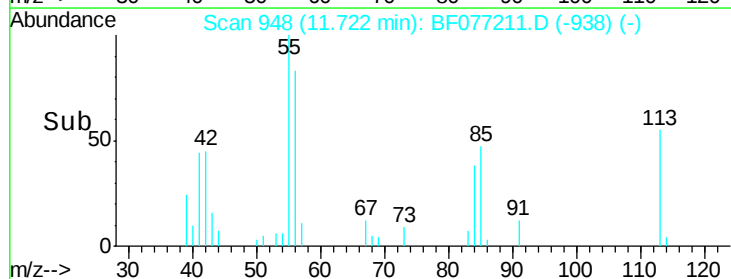
56 152.4 133.7 173.7

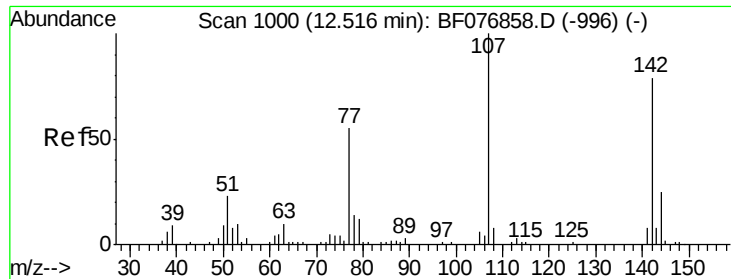


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

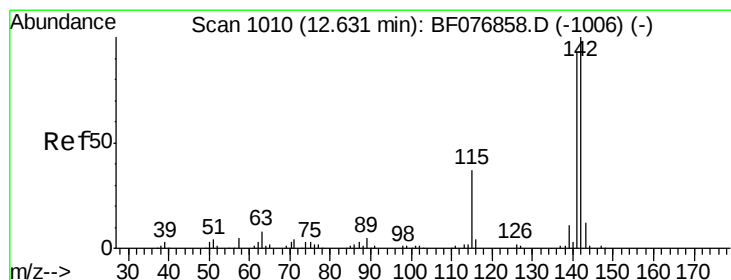
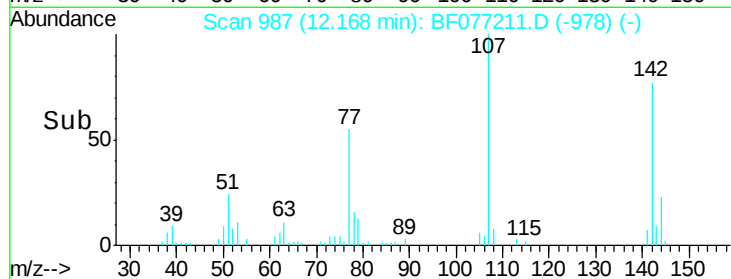
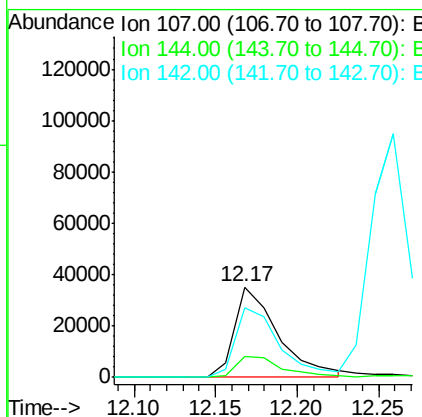
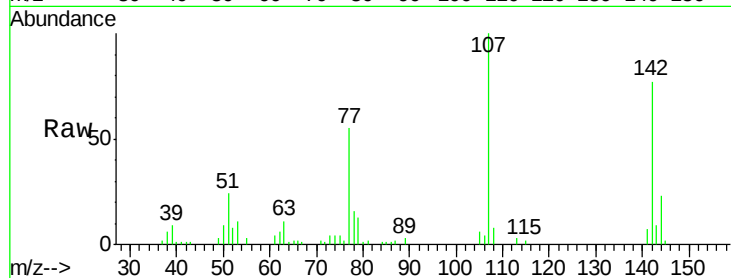




#36
4-Chloro-3-methylphenol
Concen: 34.14 ng
RT: 12.17 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

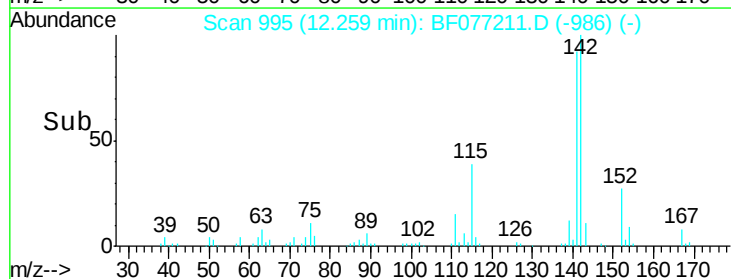
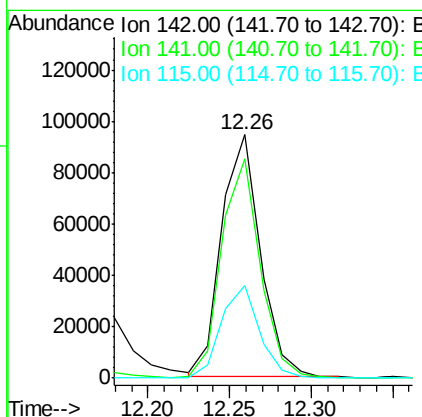
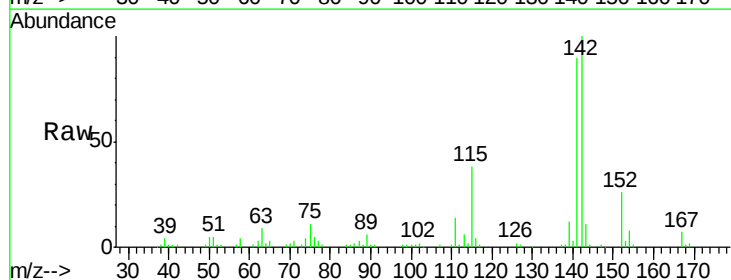
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

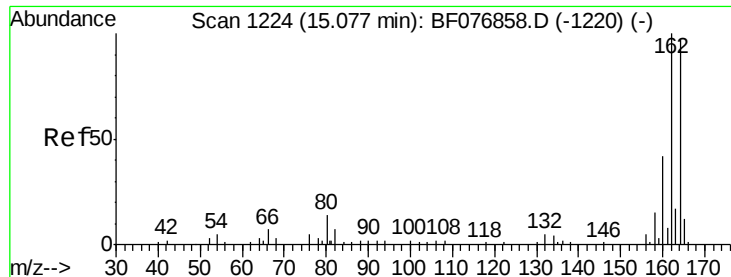
Tot Ion:107 Resp: 65155
Ion Ratio Lower Upper
107 100
144 23.1 20.0 30.0
142 76.7 63.5 95.3



#37
2-Methylnaphthalene
Concen: 35.13 ng
RT: 12.26 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:142 Resp: 155338
Ion Ratio Lower Upper
142 100
141 90.0 74.5 111.7
115 37.9 29.7 44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

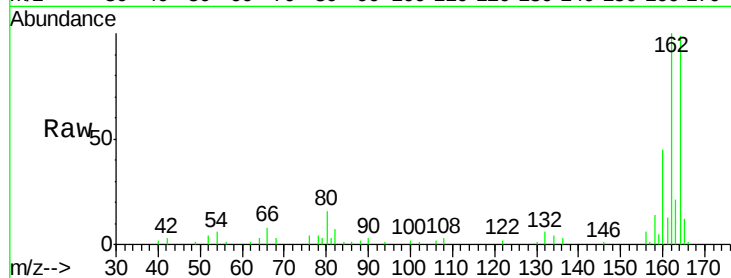
Tot Ion:164 Resp: 59858

Ion Ratio Lower Upper

164 100

162 101.0 82.4 123.6

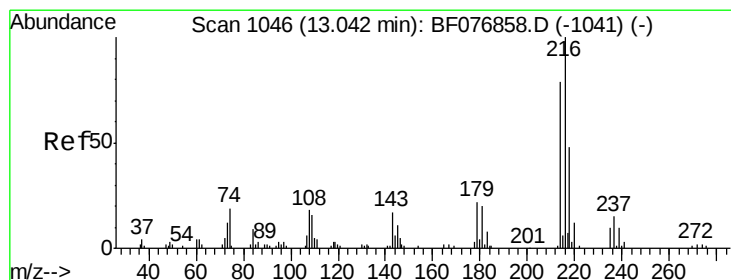
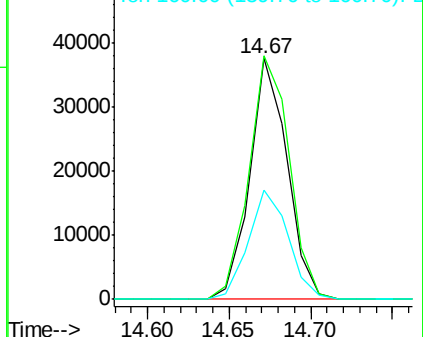
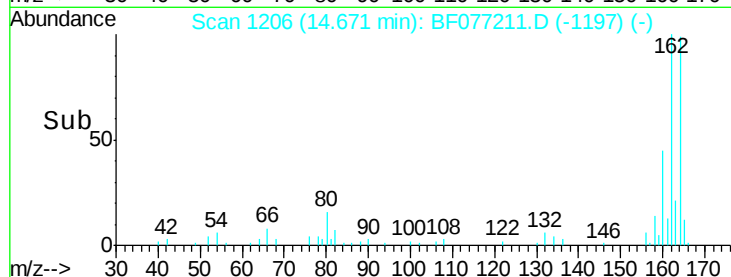
160 45.1 34.8 52.2



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: 40.34 ng

RT: 12.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Tgt Ion:216 Resp: 59698

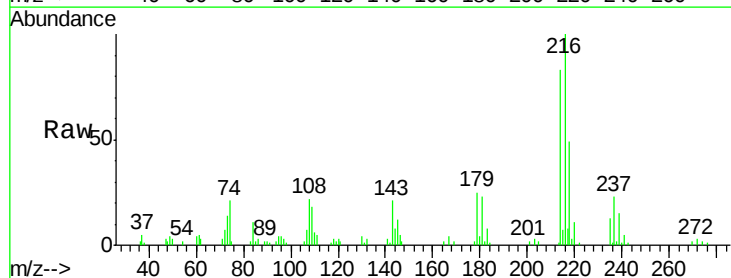
Ion Ratio Lower Upper

216 100

214 81.4 64.9 97.3

179 24.7 18.6 28.0

108 25.8 18.1 27.1

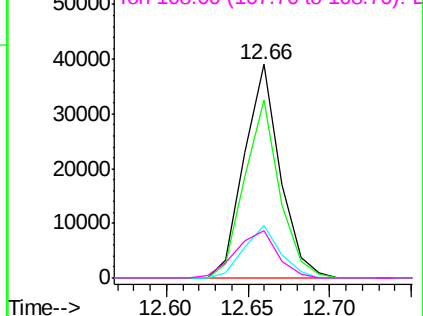
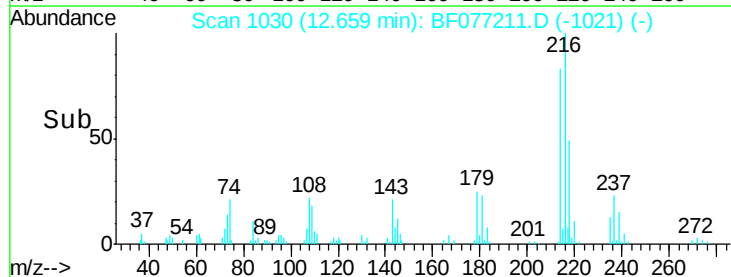


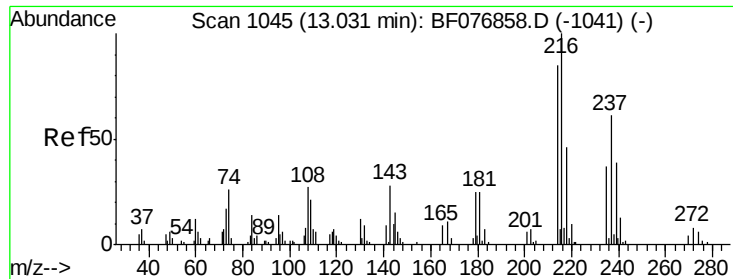
Abundance Ion 216.00 (215.70 to 216.70): E

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

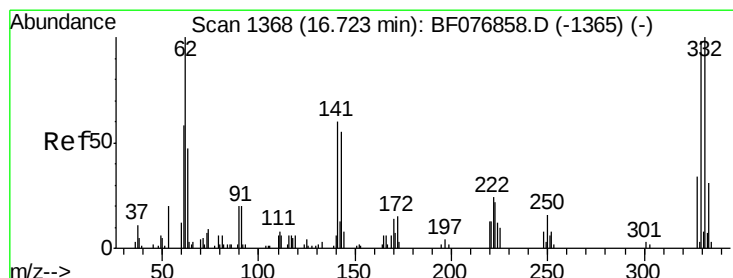
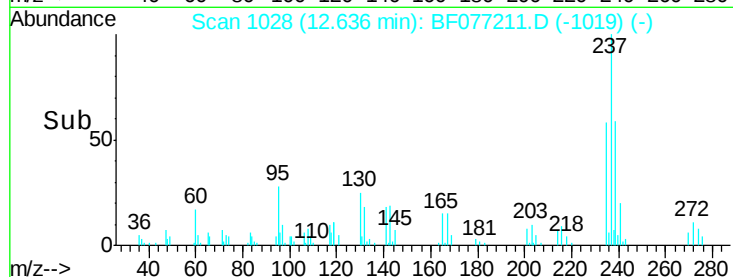
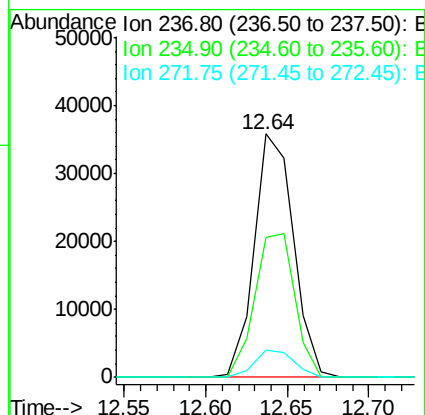
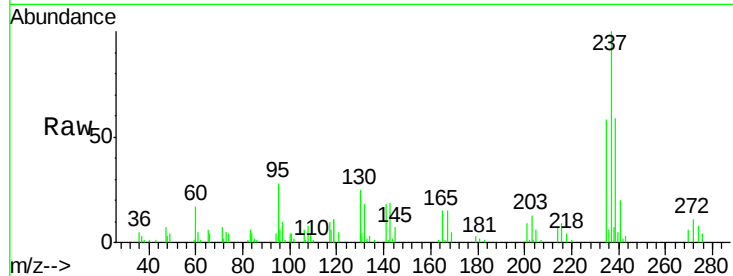




#40
Hexachlorocyclopentadiene
Concen: 75.41 ng
RT: 12.64 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

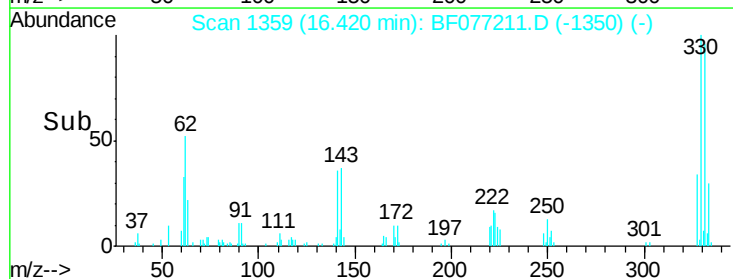
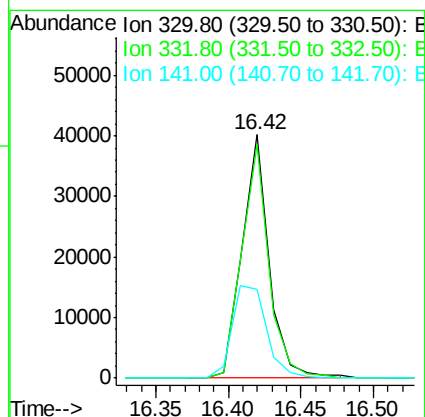
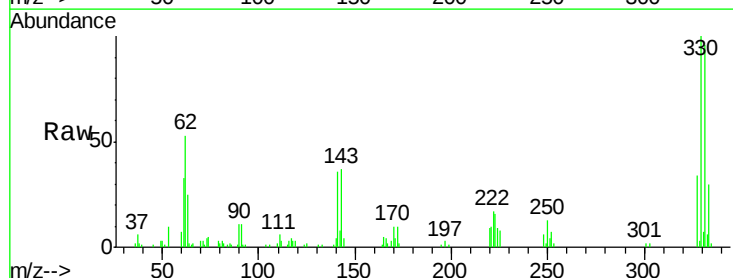
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

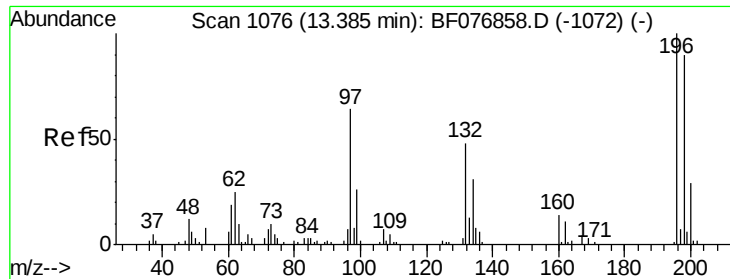
Tot Ion:237 Resp: 59857
Ion Ratio Lower Upper
237 100
235 57.7 40.4 80.4
272 11.3 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 107.05 ng
RT: 16.42 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:330 Resp: 52015
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 47.9 38.5 57.7

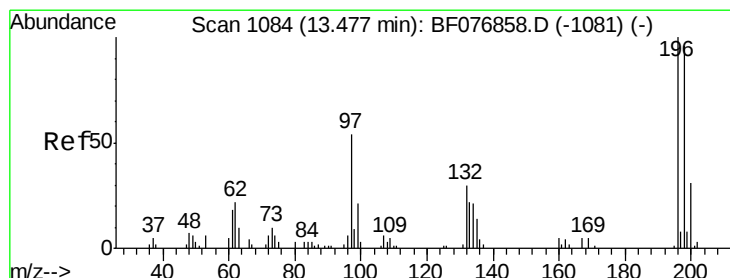
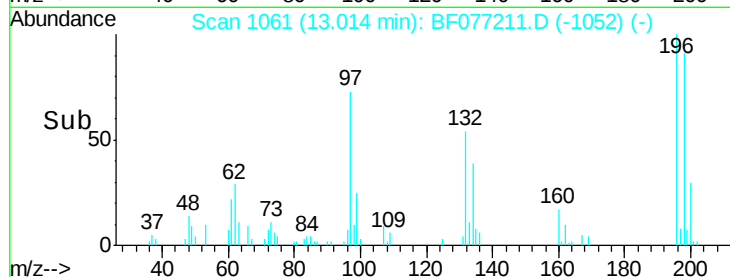
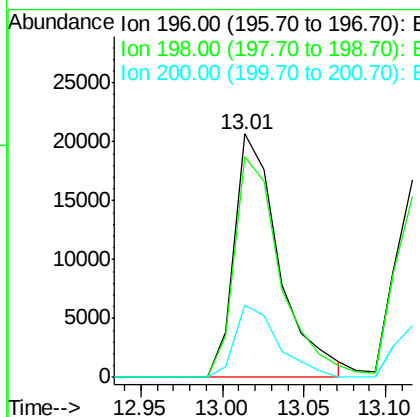
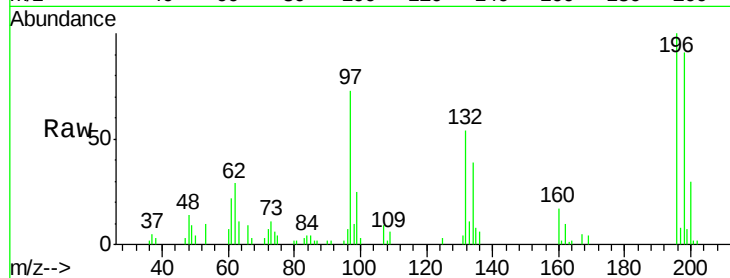




#42
 2,4,6-Trichlorophenol
 Concen: 36.57 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

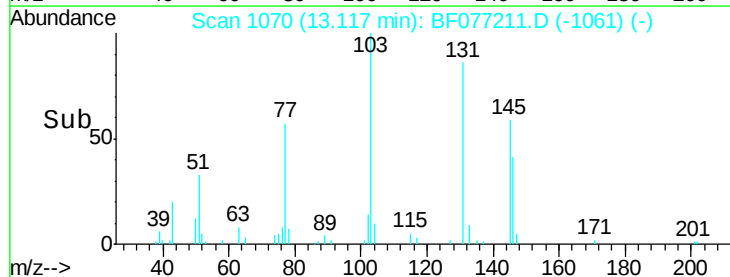
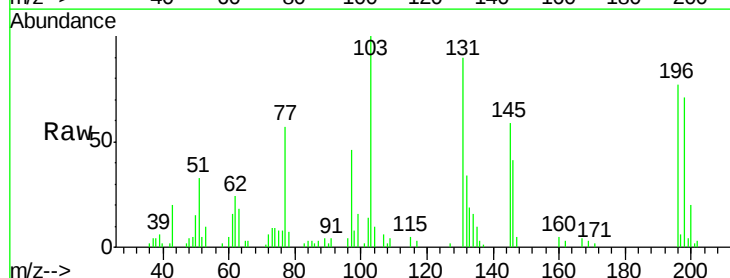
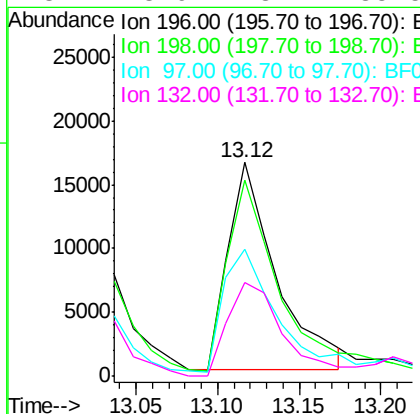
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

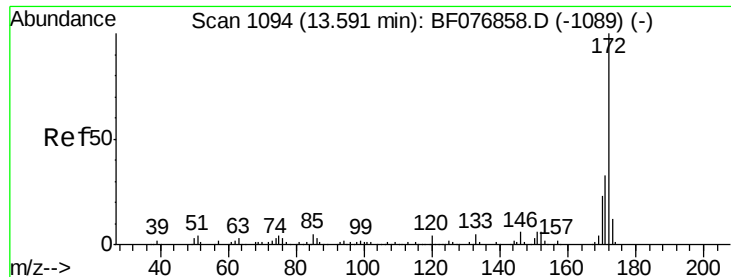
Tot Ion:196 Resp: 39431
 Ion Ratio Lower Upper
 196 100
 198 90.7 72.0 108.0
 200 29.6 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 30.04 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Tgt Ion:196 Resp: 33035
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.6 115.0
 97 59.4 43.4 65.0
 132 43.9 23.7 35.5#





#44

2-Fluorobiphenyl

Concen: 103.15 ng

RT: 13.21 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

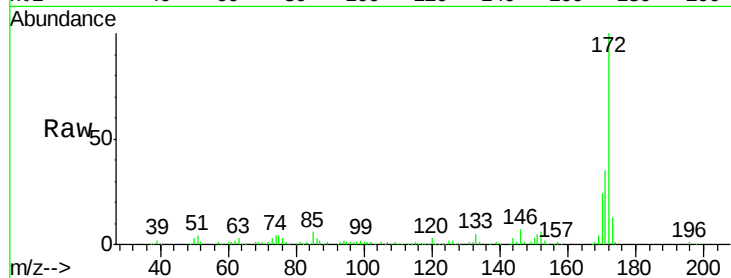
Tot Ion:172 Resp: 405710

Ion Ratio Lower Upper

172 100

171 35.4 26.6 40.0

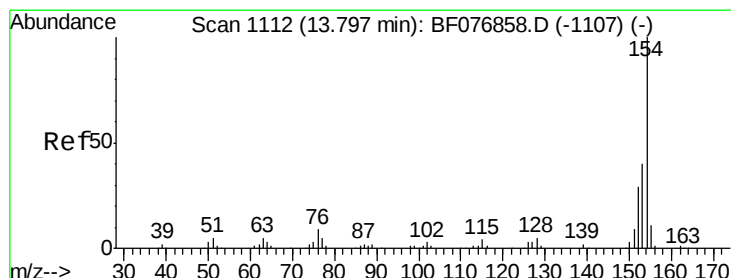
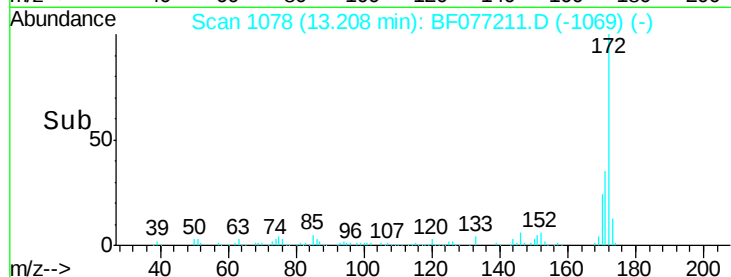
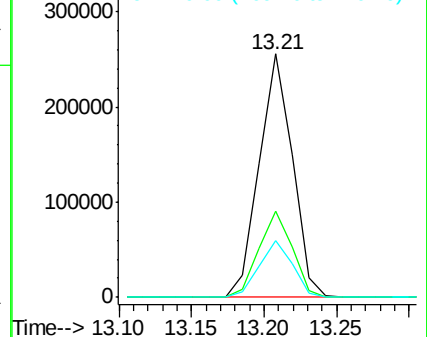
170 23.6 18.0 27.0



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: 41.04 ng

RT: 13.41 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

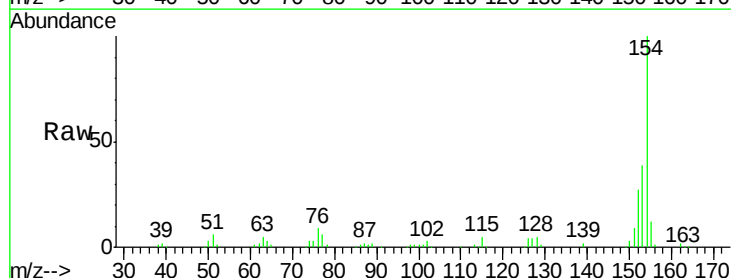
Tgt Ion:154 Resp: 182097

Ion Ratio Lower Upper

154 100

153 39.4 20.2 60.2

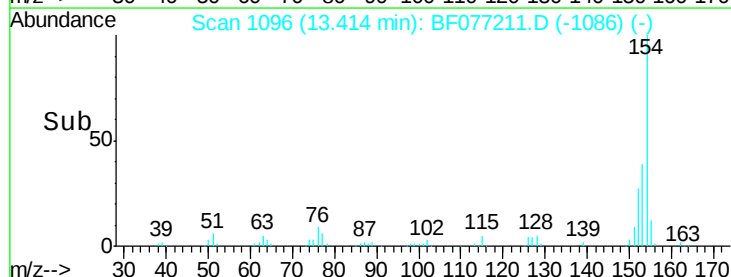
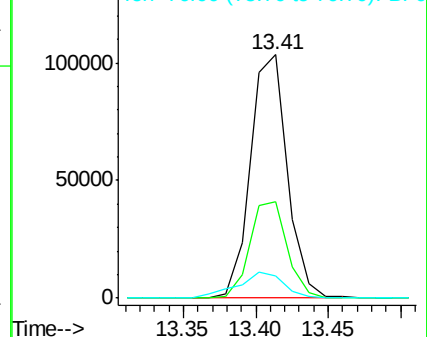
76 9.2 0.0 29.0

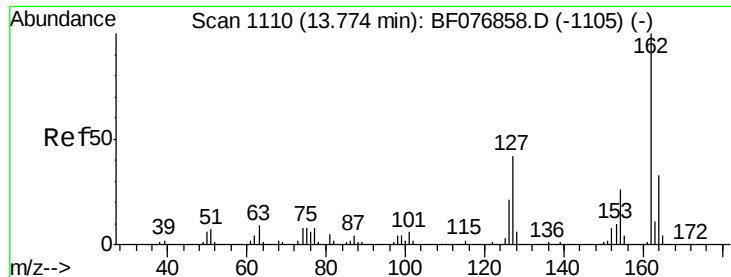


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

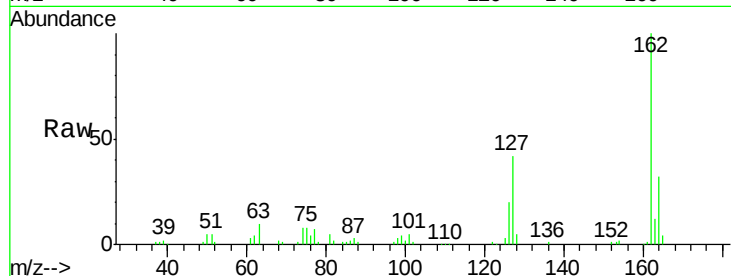




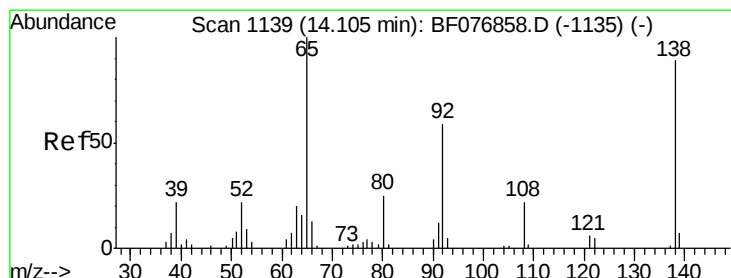
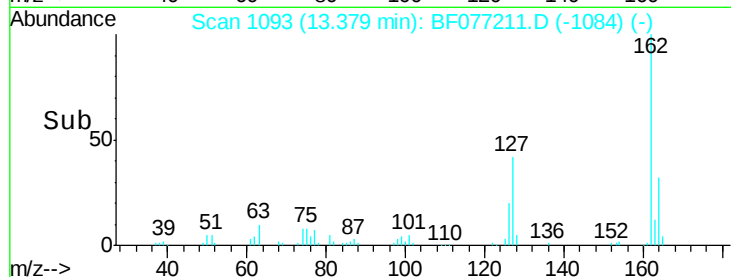
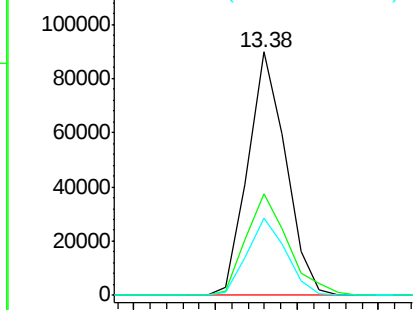
#46
2-Chloronaphthalene
Concen: 39.69 ng
RT: 13.38 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion:162 Resp: 144944
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.6
164 32.0 26.8 40.2

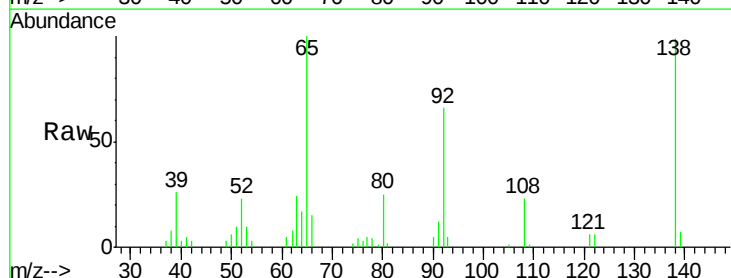


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

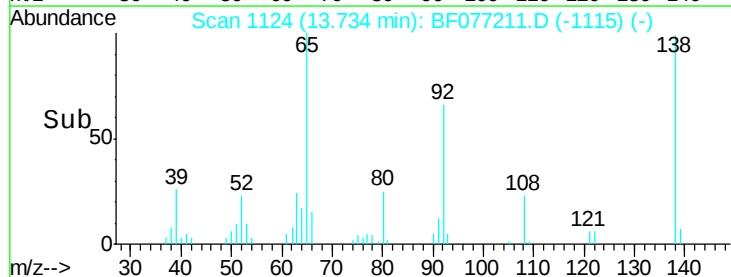
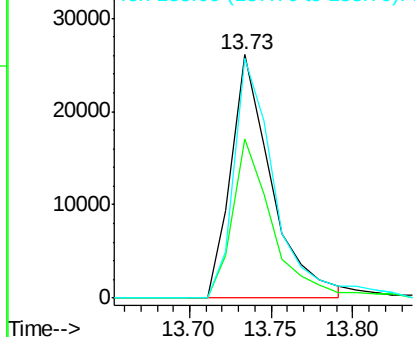


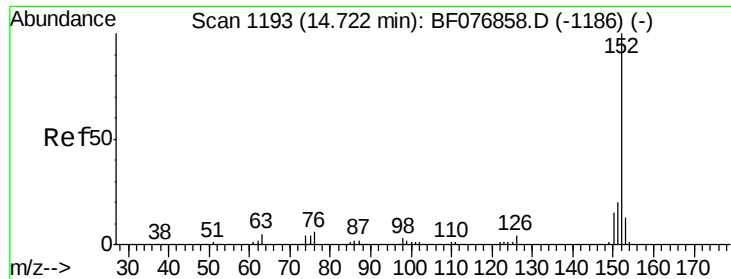
#47
2-Nitroaniline
Concen: 40.62 ng
RT: 13.73 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion: 65 Resp: 44996
Ion Ratio Lower Upper
65 100
92 65.6 47.3 70.9
138 98.6 71.4 107.2



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





#48

Acenaphthylene

Concen: 38.47 ng

RT: 14.33 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

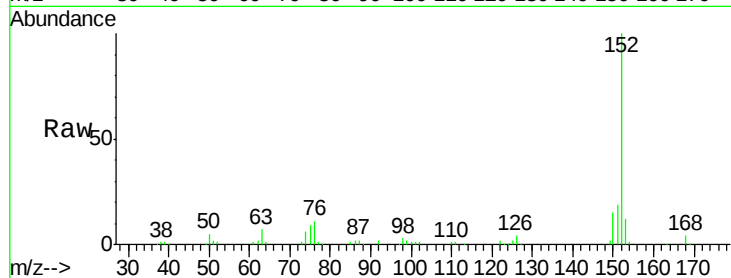
Tot Ion:152 Resp: 236945

Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

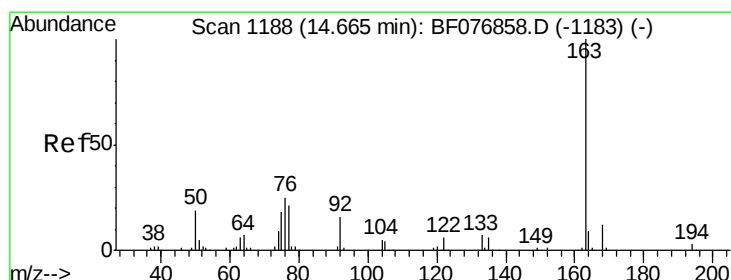
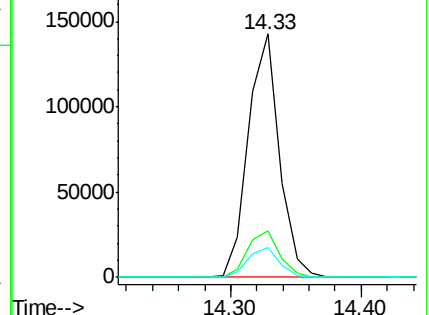
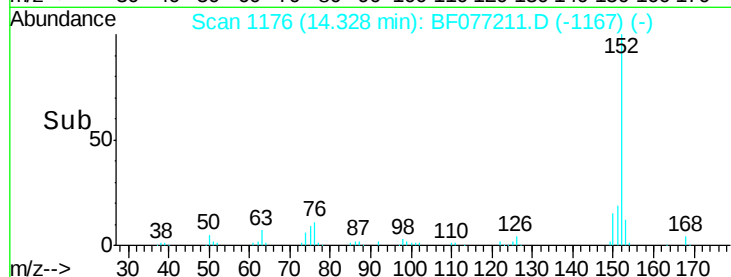
153 12.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.42 ng

RT: 14.29 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

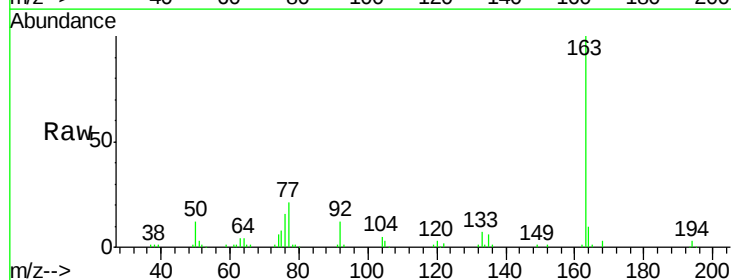
Tgt Ion:163 Resp: 180074

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

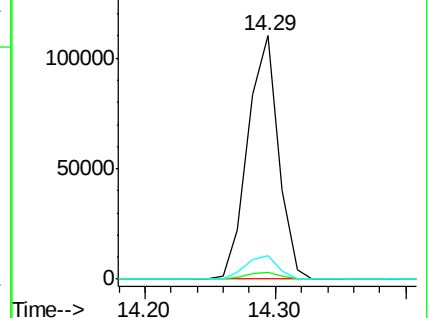
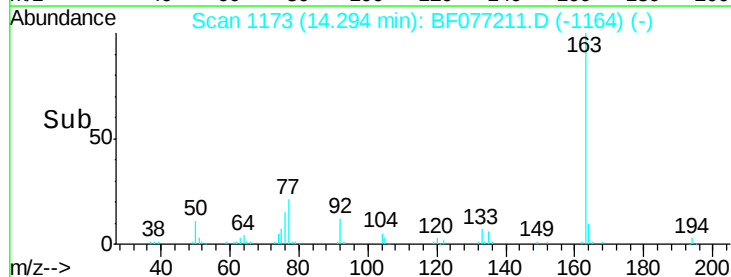
164 9.8 7.5 11.3

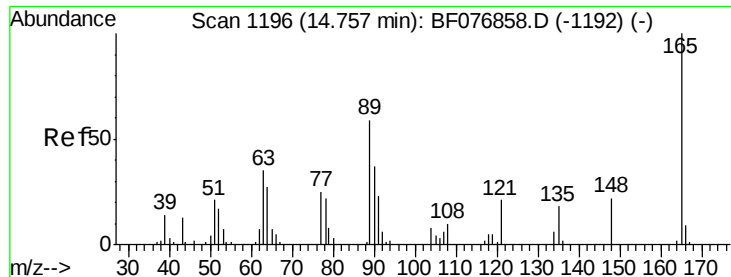


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

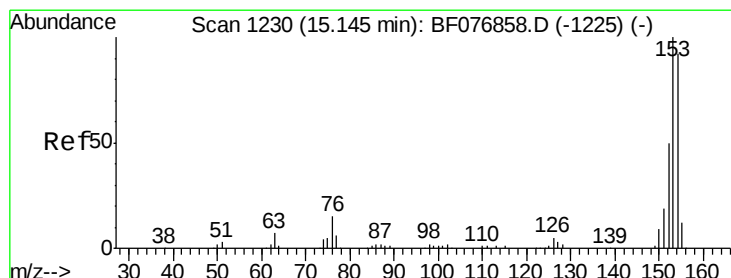
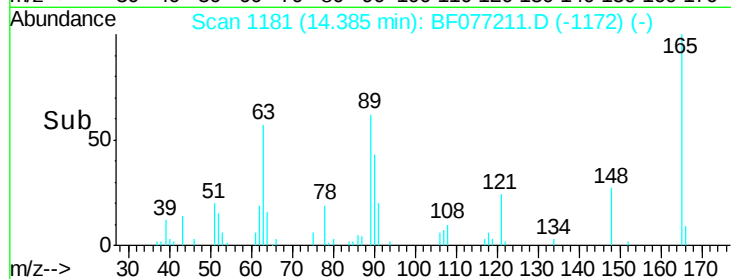
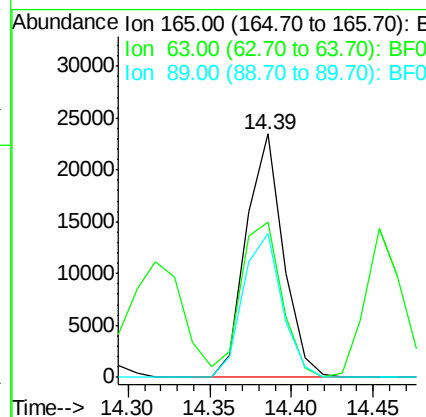
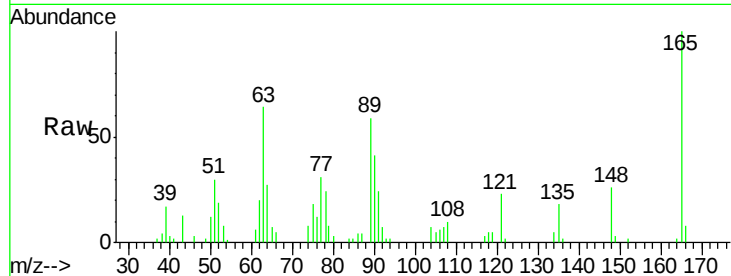




#50
2,6-Dinitrotoluene
Concen: 43.54 ng
RT: 14.39 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

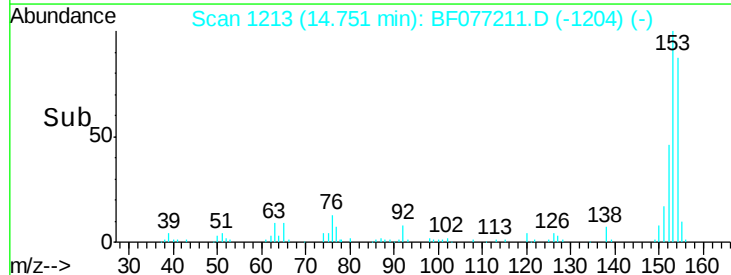
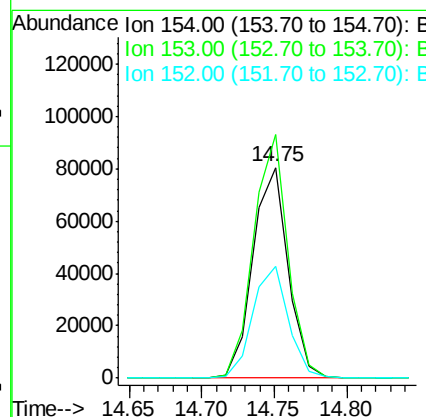
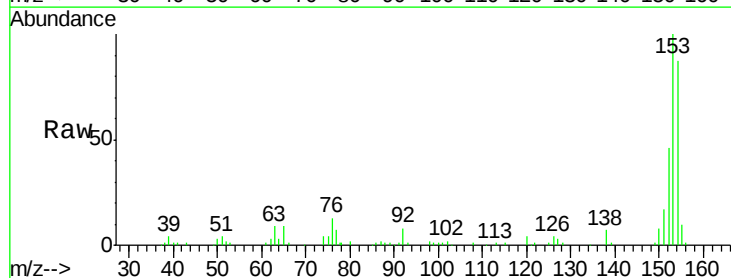
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

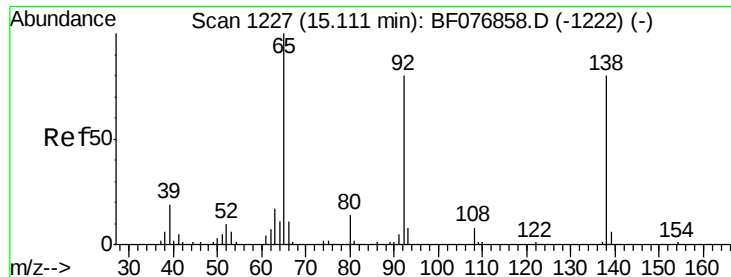
Tot Ion:165 Resp: 36926
Ion Ratio Lower Upper
165 100
63 64.0 48.1 72.1
89 59.1 47.2 70.8



#51
Acenaphthene
Concen: 38.75 ng
RT: 14.75 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:154 Resp: 135435
Ion Ratio Lower Upper
154 100
153 115.5 87.0 130.6
152 53.2 43.5 65.3

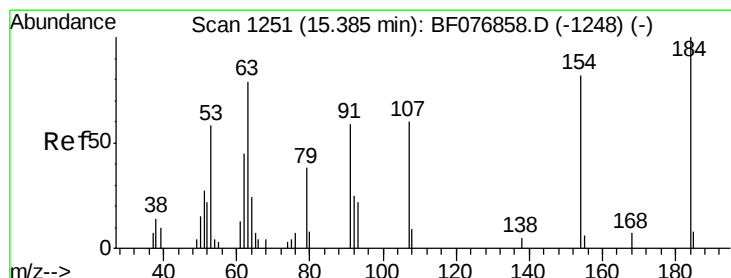
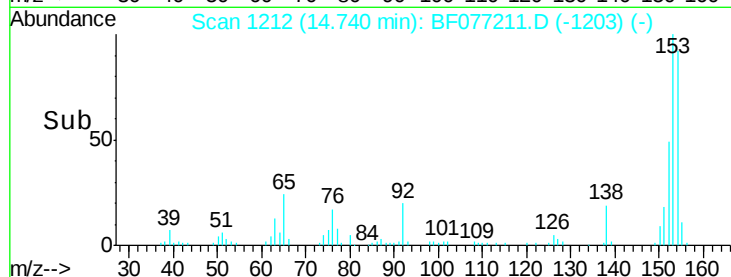
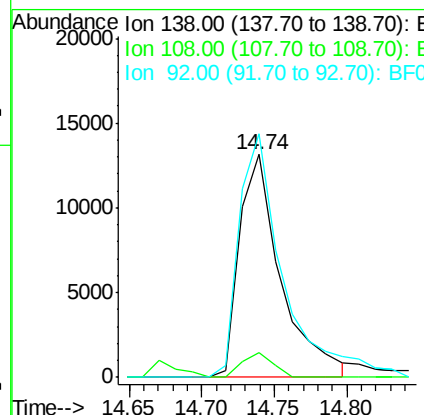
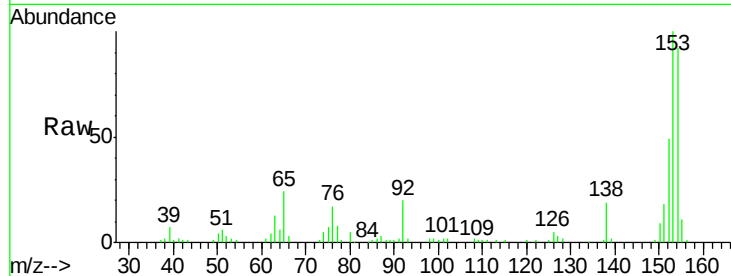




#52
3-Nitroaniline
Concen: 24.53 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

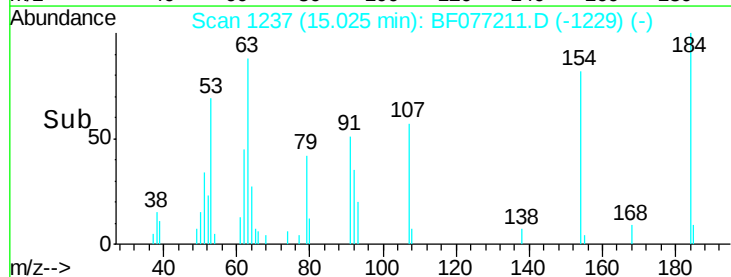
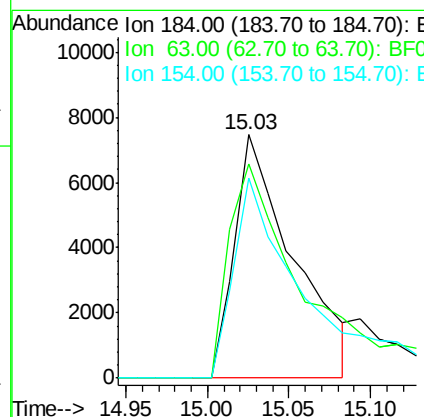
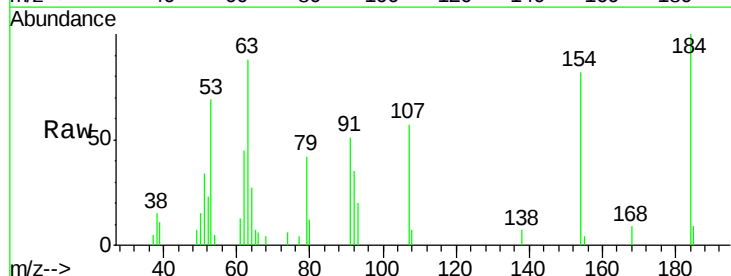
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

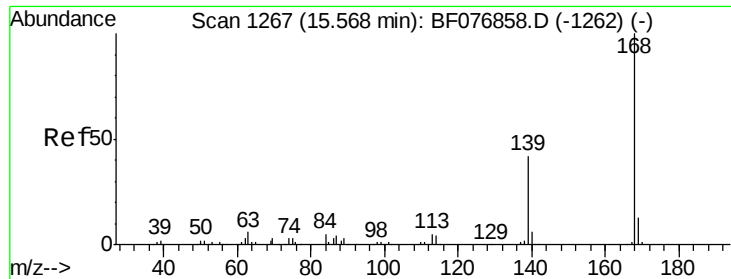
Tot Ion:138 Resp: 26147
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 109.3 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 51.82 ng
RT: 15.03 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:184 Resp: 18693
Ion Ratio Lower Upper
184 100
63 88.0 63.0 94.6
154 82.2 65.5 98.3

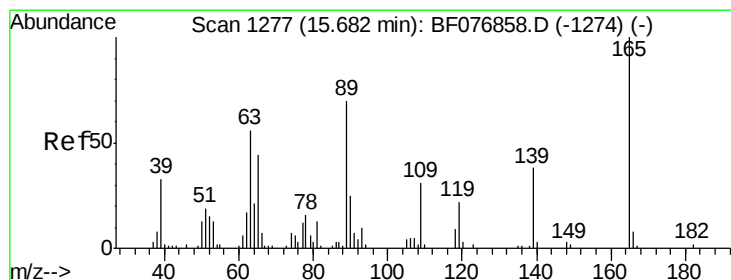
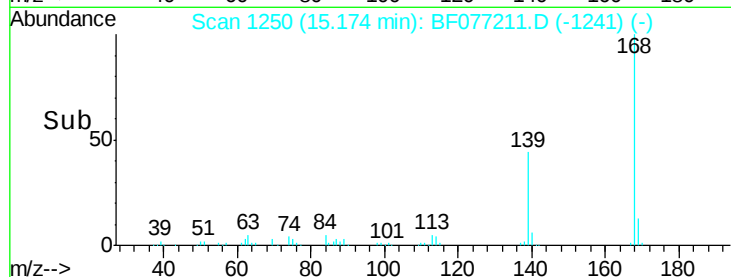
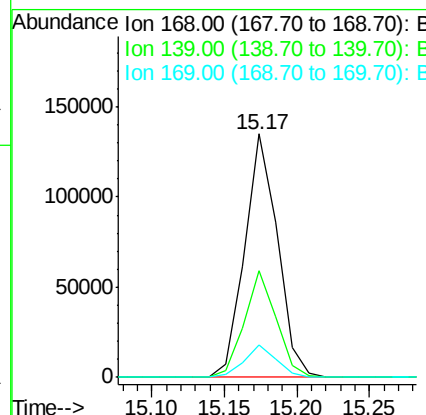
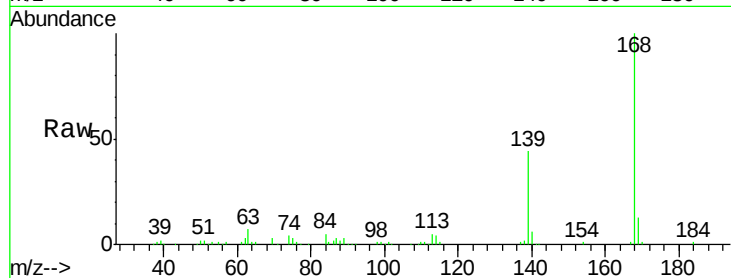




#54
Dibenzenofuran
Concen: 41.61 ng
RT: 15.17 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

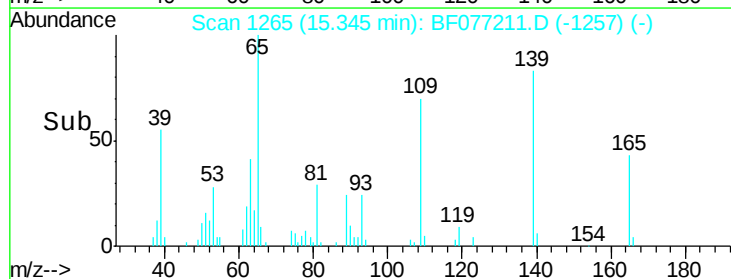
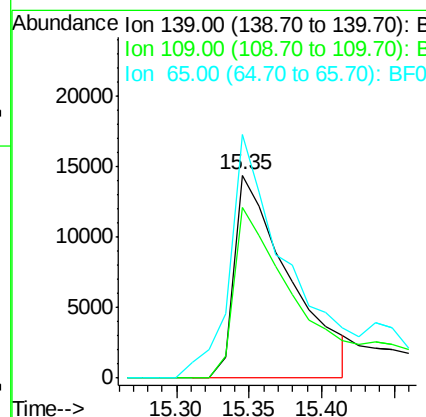
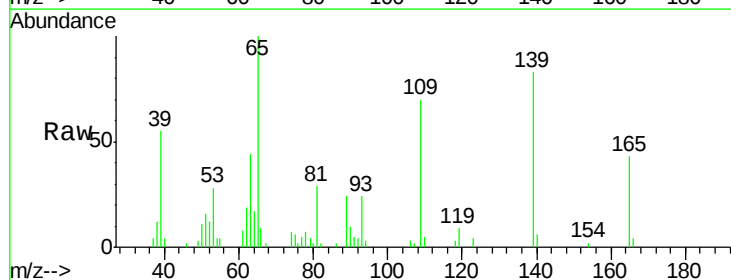
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

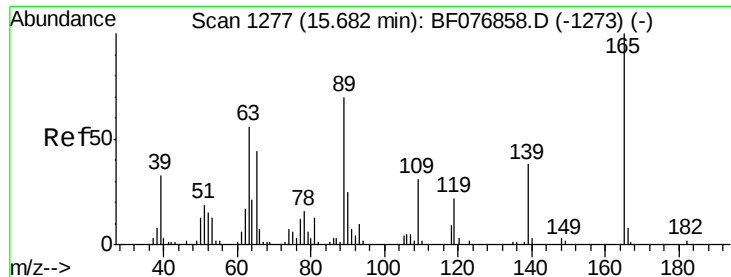
Tot Ion	Ratio	Lower	Upper
168	100		
139	44.1	33.4	50.2
169	13.2	10.6	15.8



#55
4-Nitrophenol
Concen: 57.06 ng
RT: 15.35 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.9	61.0	101.0
65	119.9	96.6	136.6

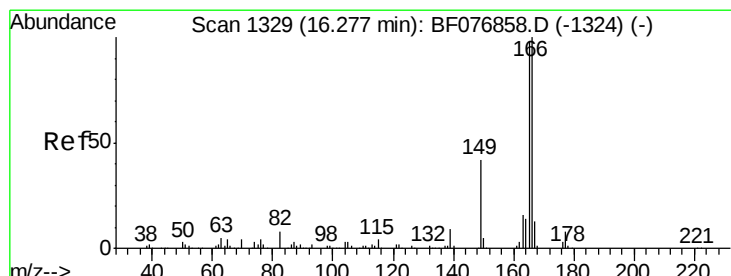
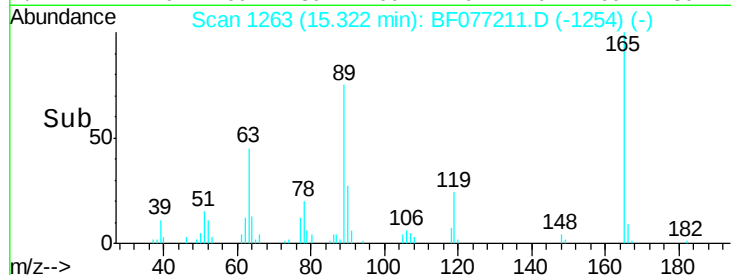
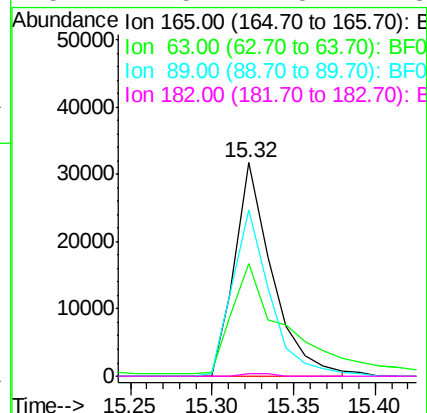
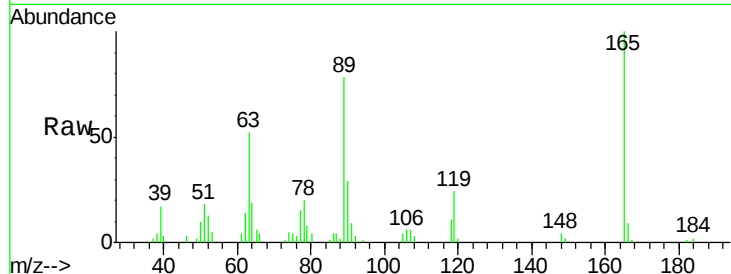




#56
2,4-Dinitrotoluene
Concen: 40.46 ng
RT: 15.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

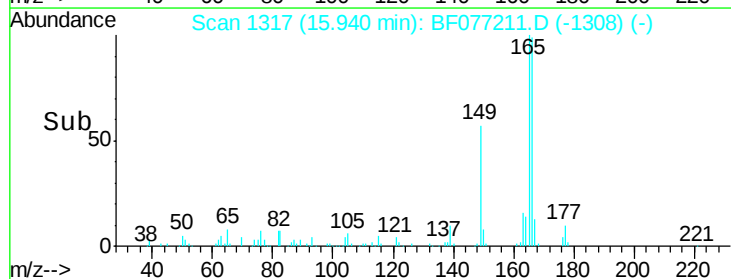
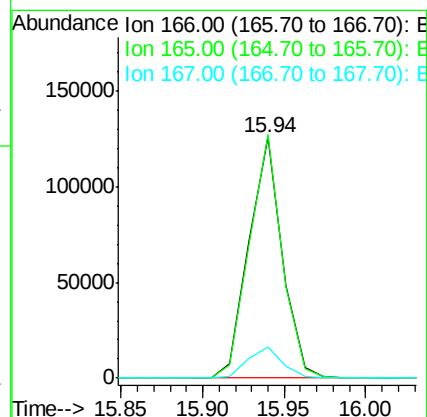
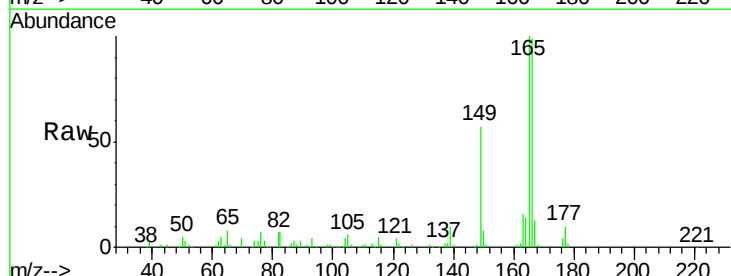
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

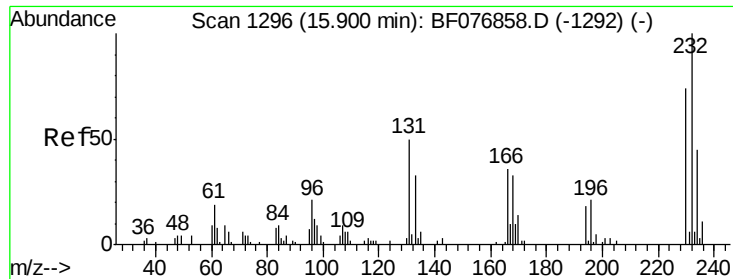
Tot Ion:165 Resp: 51007
Ion Ratio Lower Upper
165 100
63 52.5 44.8 67.2
89 77.8 56.2 84.2
182 1.5 1.5 2.3#



#57
Fluorene
Concen: 41.21 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:166 Resp: 177727
Ion Ratio Lower Upper
166 100
165 101.2 78.5 117.7
167 12.7 10.4 15.6

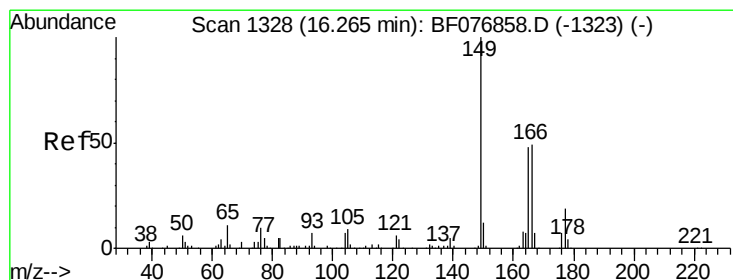
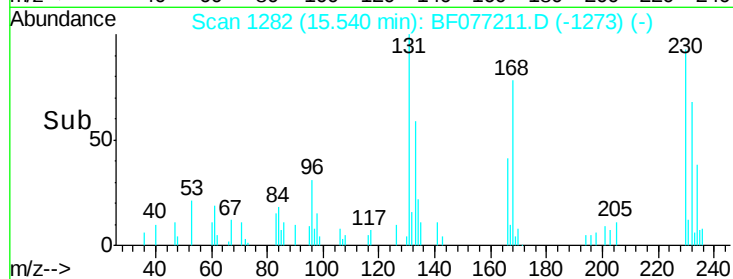
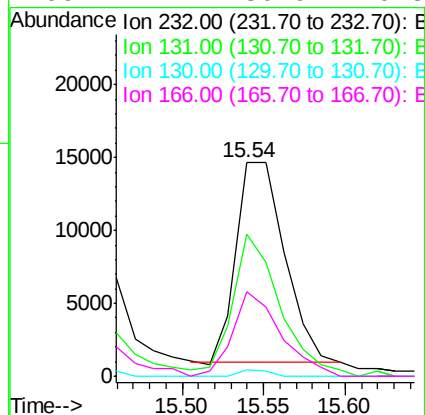
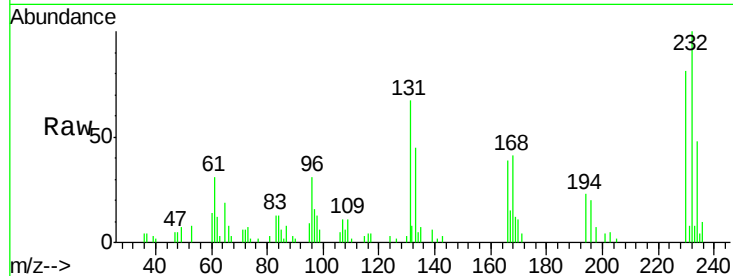




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.04 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

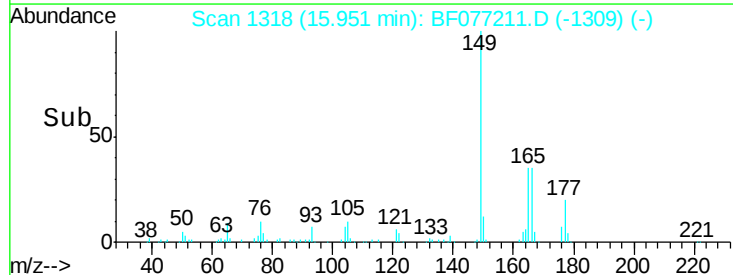
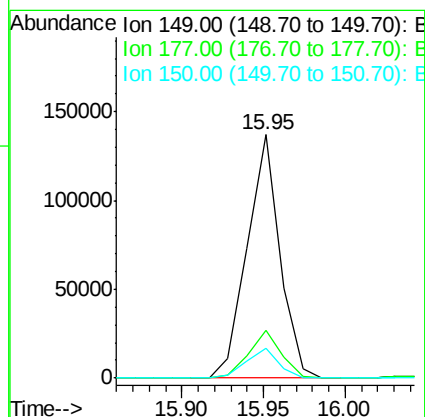
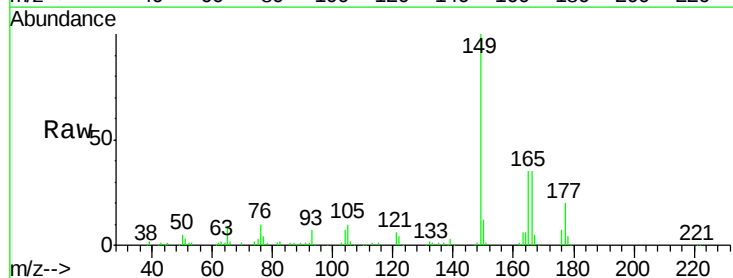
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

Tot Ion:232 Resp: 28059
 Ion Ratio Lower Upper
 232 100
 131 61.8 45.0 67.6
 130 2.0 2.6 3.8#
 166 42.1 30.9 46.3



#59
 Diethylphthalate
 Concen: 44.17 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Tgt Ion:149 Resp: 189486
 Ion Ratio Lower Upper
 149 100
 177 19.6 15.0 22.6
 150 12.5 9.4 14.0

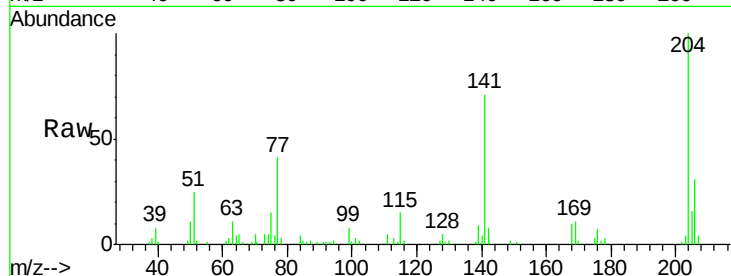




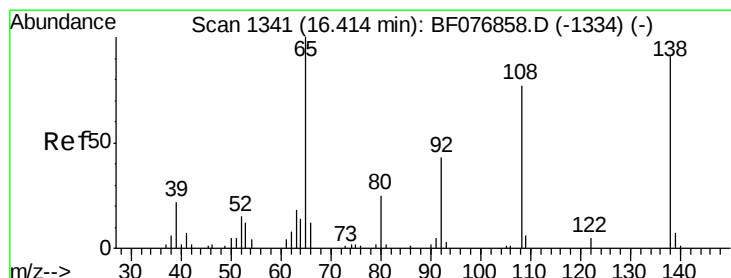
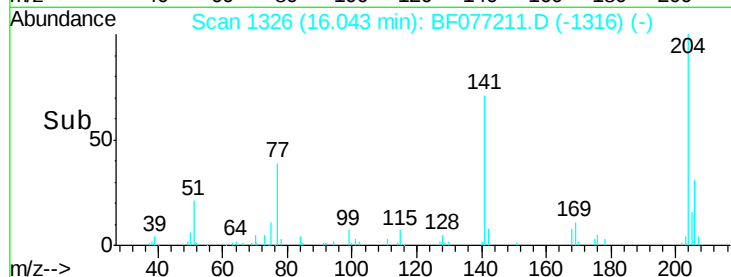
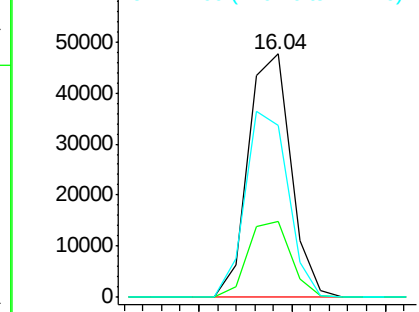
#60
4-Chlorophenyl-phenylether
Concen: 42.65 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion:204 Resp: 75265
Ion Ratio Lower Upper
204 100
206 31.1 24.2 36.2
141 70.6 66.7 100.1

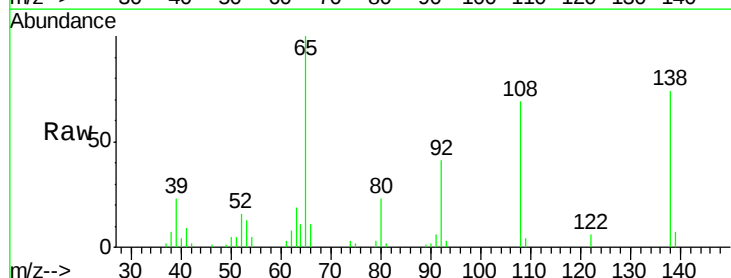


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

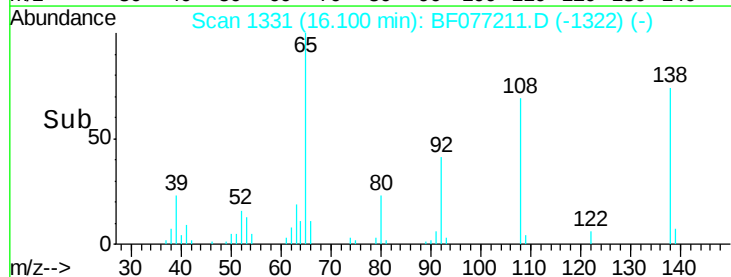
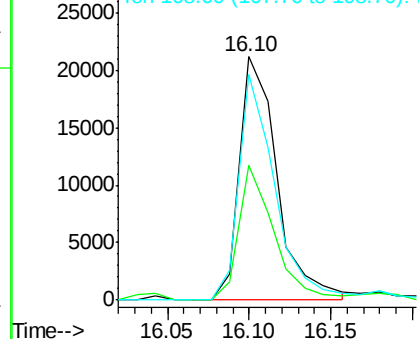


#61
4-Nitroaniline
Concen: 32.21 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:138 Resp: 33917
Ion Ratio Lower Upper
138 100
92 55.5 26.7 66.7
108 92.5 64.5 104.5



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

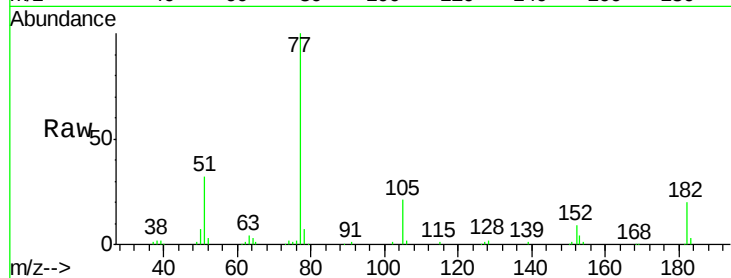




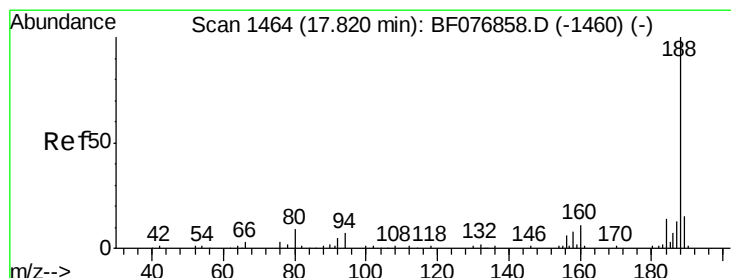
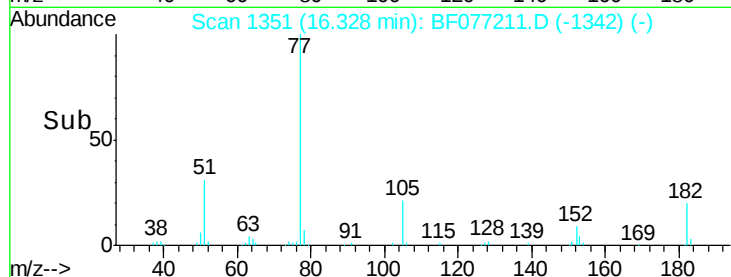
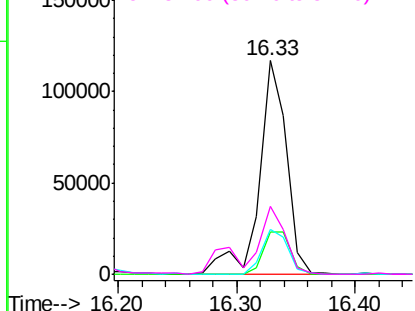
#62
Azobenzene
Concen: 42.08 ng
RT: 16.33 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion: 77 Resp: 188079
Ion Ratio Lower Upper
77 100
182 19.7 2.0 42.0
105 21.2 2.3 42.3
51 31.7 10.7 50.7

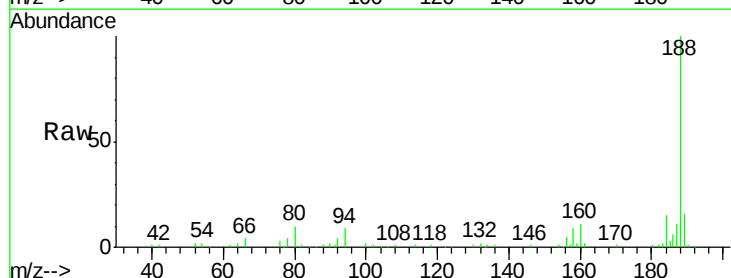


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

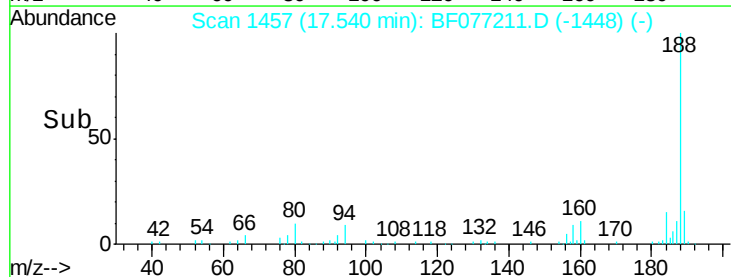
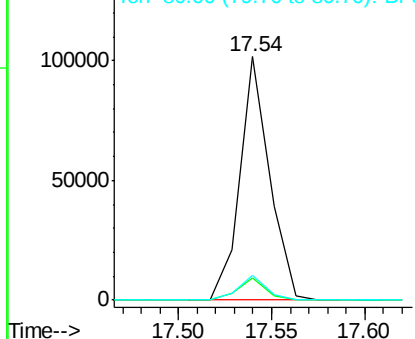


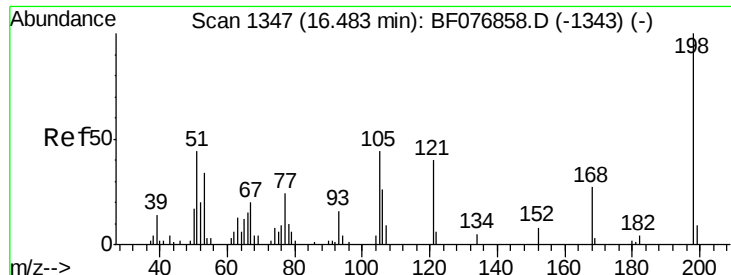
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion: 188 Resp: 112611
Ion Ratio Lower Upper
188 100
94 9.1 6.0 9.0#
80 10.4 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

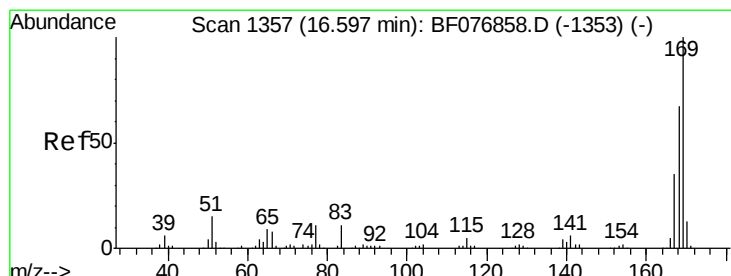
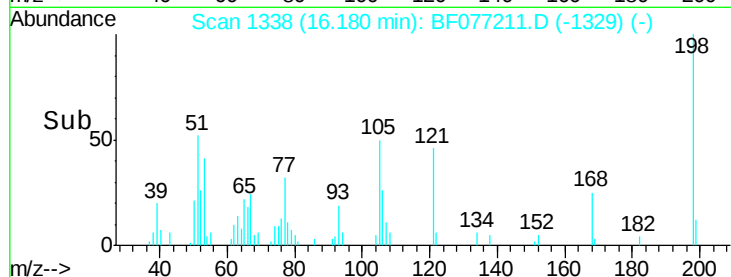
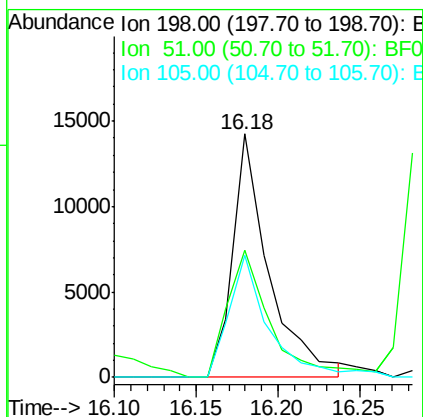
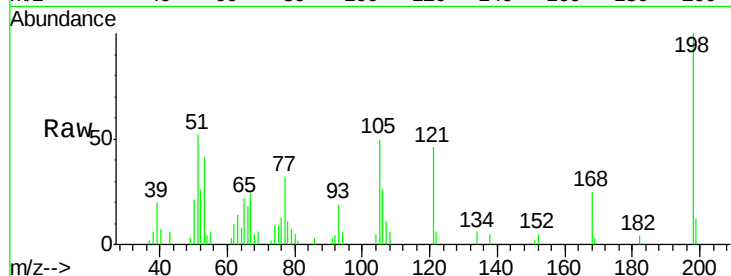




#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.50 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

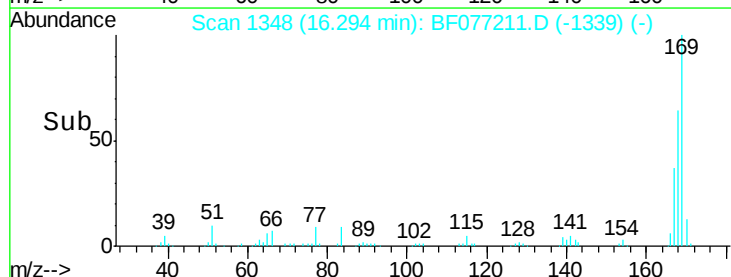
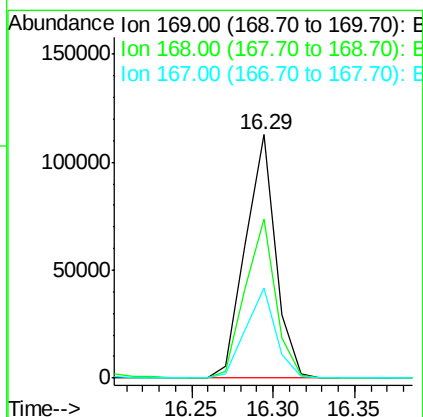
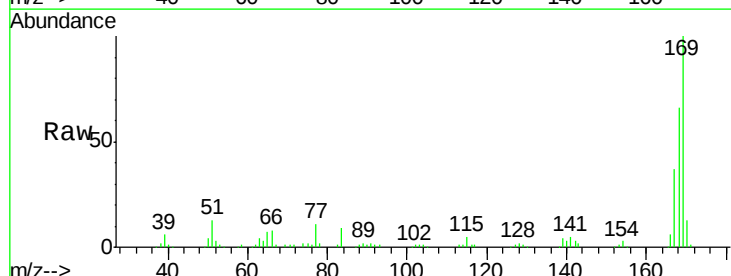
Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

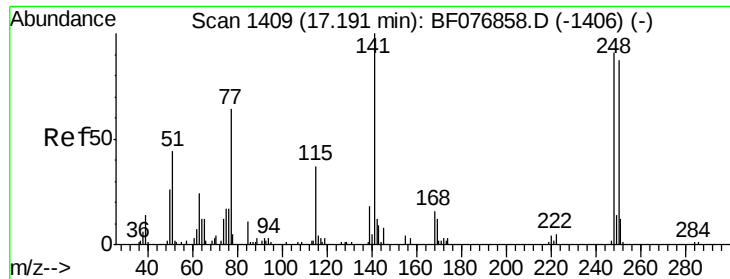
Tot Ion:198 Resp: 21916
 Ion Ratio Lower Upper
 198 100
 51 52.3 24.2 64.2
 105 50.1 24.0 64.0



#65
 n-Nitrosodiphenylamine
 Concen: 36.06 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Tgt Ion:169 Resp: 144793
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.8 80.6
 167 37.0 27.8 41.6





#66

4-Bromophenyl-phenylether

Concen: 38.36 ng

RT: 16.91 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

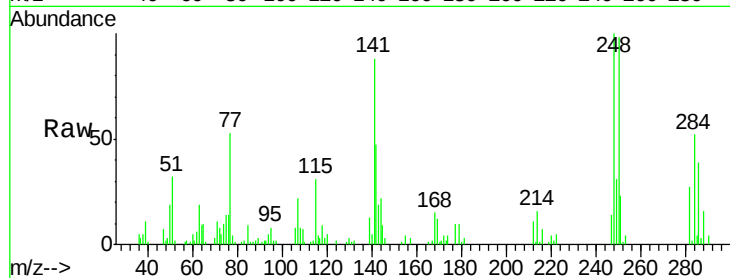
Tot Ion:248 Resp: 43765

Ion Ratio Lower Upper

248 100

250 98.1 77.1 115.7

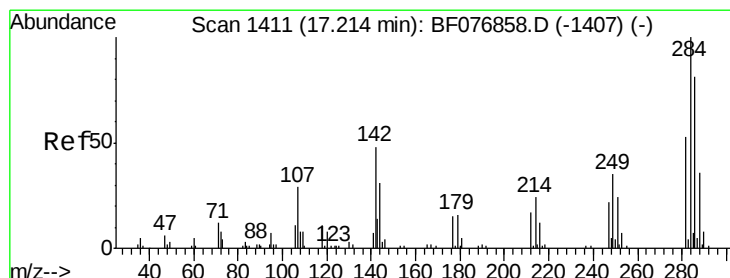
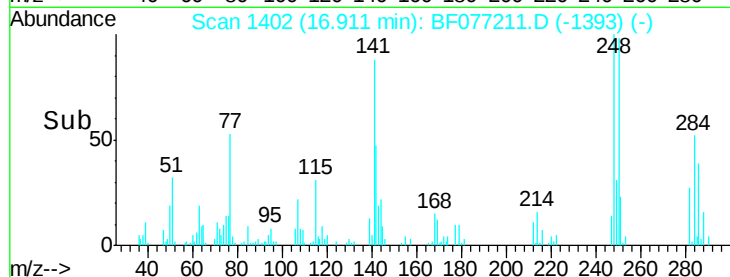
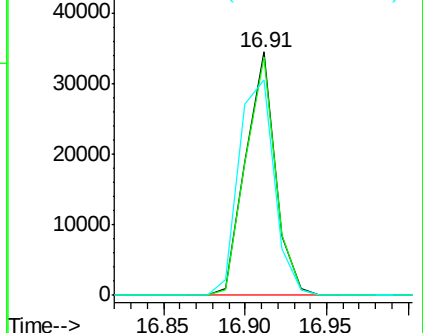
141 88.3 88.2 132.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 37.41 ng

RT: 16.92 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

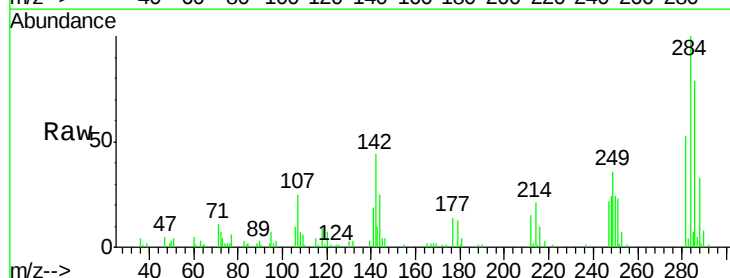
Tgt Ion:284 Resp: 44981

Ion Ratio Lower Upper

284 100

142 43.8 38.2 57.4

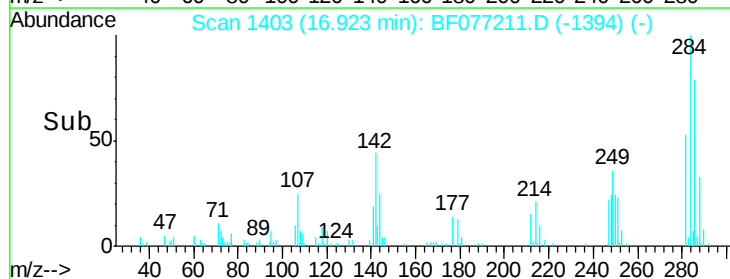
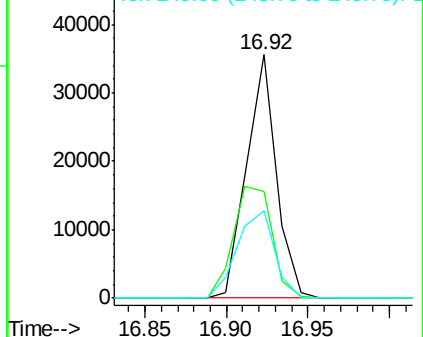
249 35.9 28.2 42.2

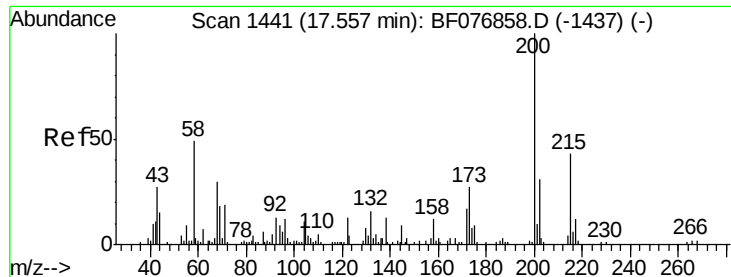


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 41.27 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

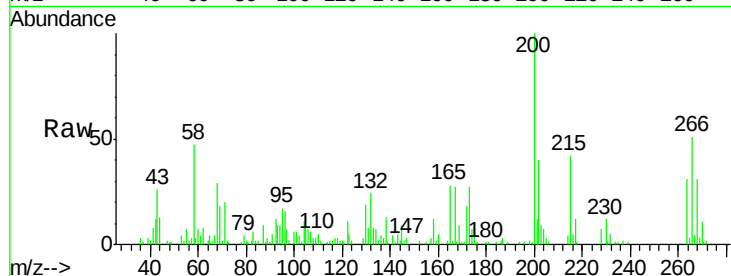
Tot Ion:200 Resp: 50287

Ion Ratio Lower Upper

200 100

173 27.4 6.6 46.6

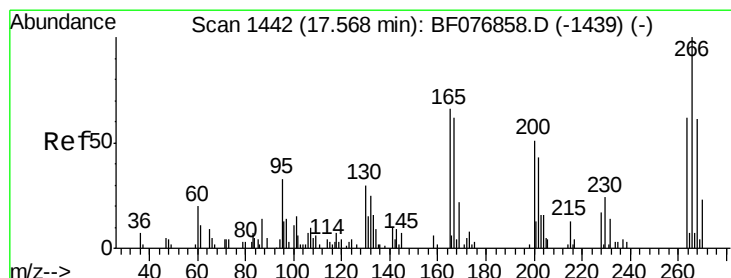
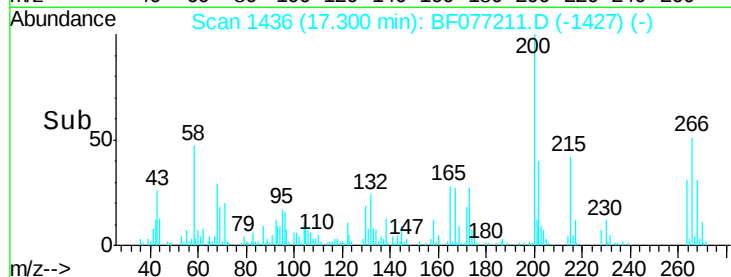
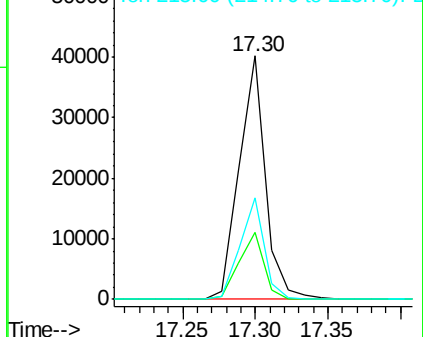
215 41.7 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 55.79 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

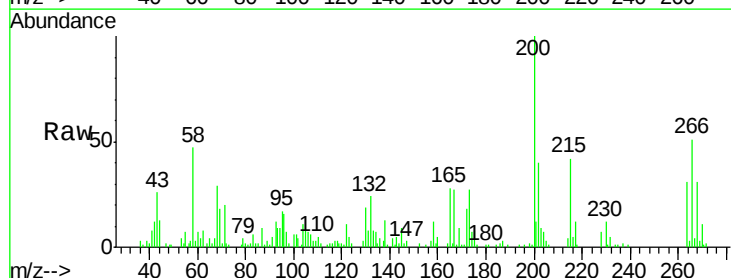
Tgt Ion:266 Resp: 29506

Ion Ratio Lower Upper

266 100

268 60.1 48.6 72.8

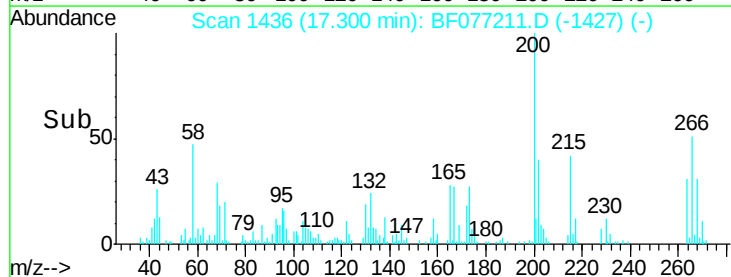
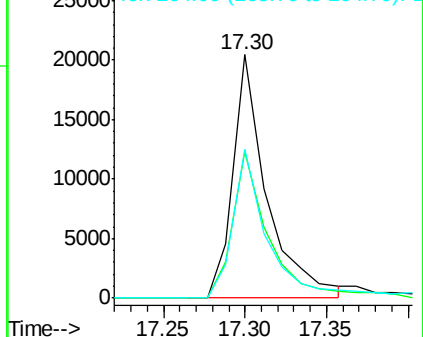
264 61.4 49.5 74.3

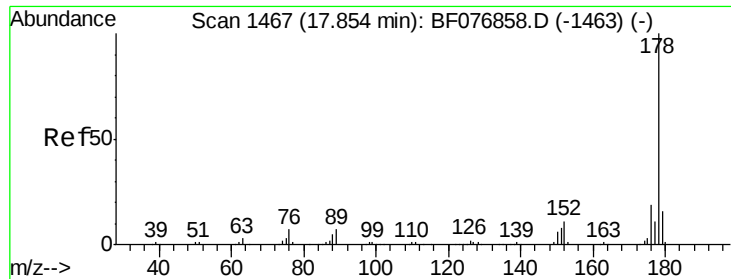


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

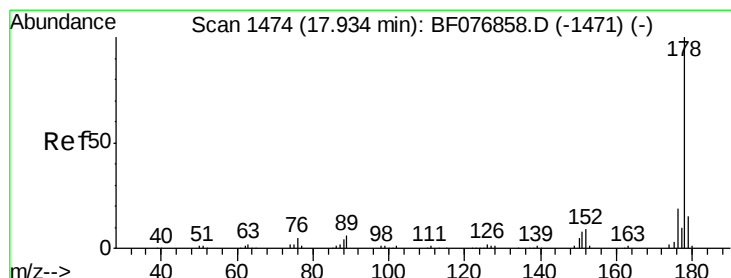
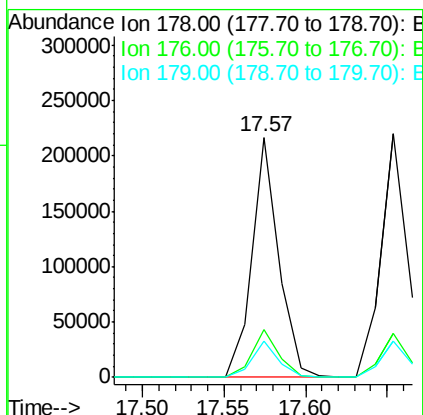
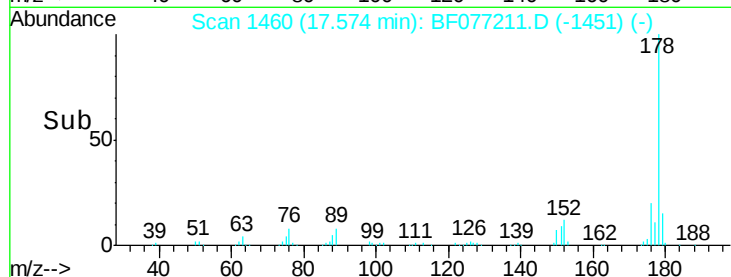
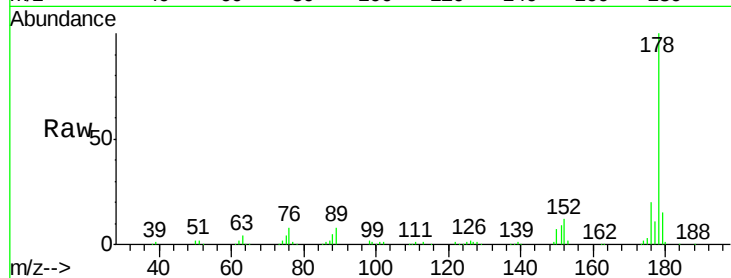




#70
Phenanthrene
Concen: 35.12 ng
RT: 17.57 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

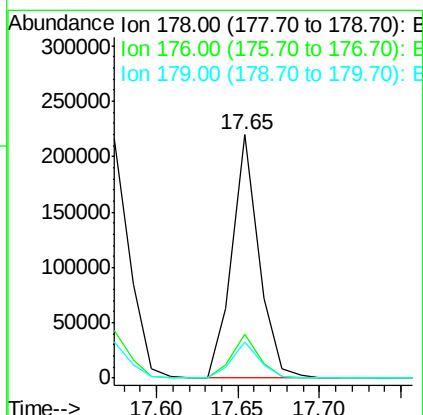
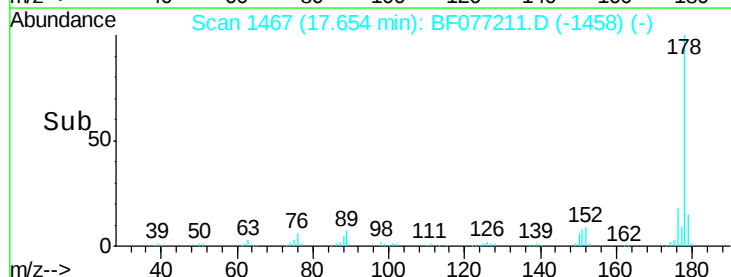
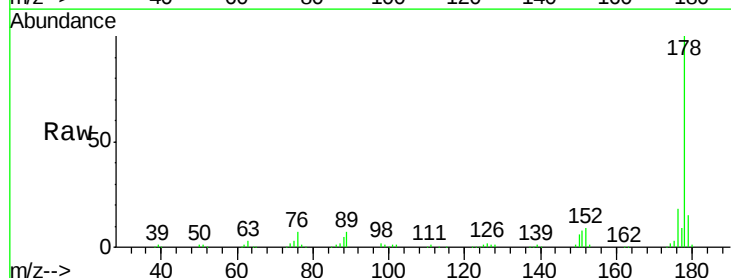
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

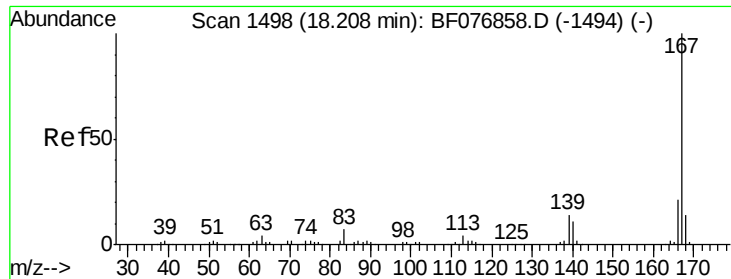
Tot Ion:178 Resp: 246641
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.3 12.7 19.1



#71
Anthracene
Concen: 36.84 ng
RT: 17.65 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:178 Resp: 252314
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.1 11.9 17.9





#72

Carbazole

Concen: 36.51 ng

RT: 17.95 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

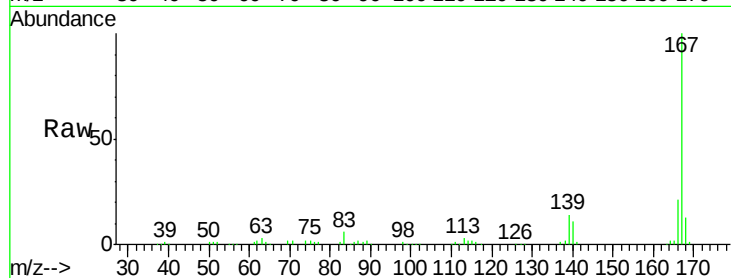
Tot Ion:167 Resp: 242519

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

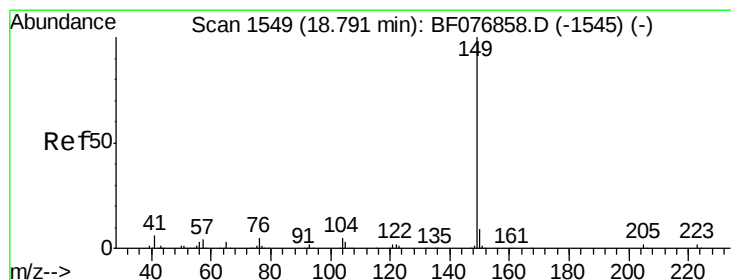
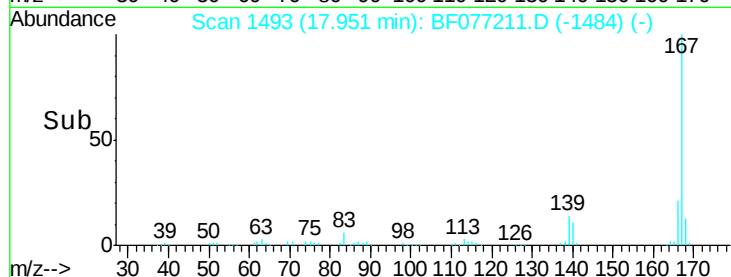
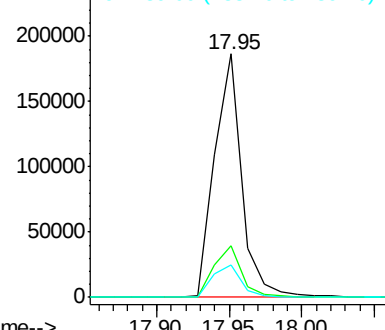
139 13.5 11.3 16.9



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: 40.39 ng

RT: 18.55 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

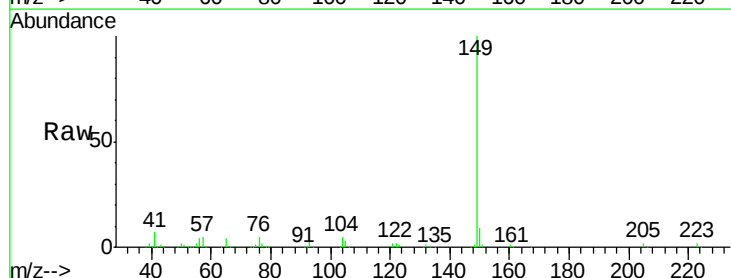
Tgt Ion:149 Resp: 310547

Ion Ratio Lower Upper

149 100

150 9.2 6.9 10.3

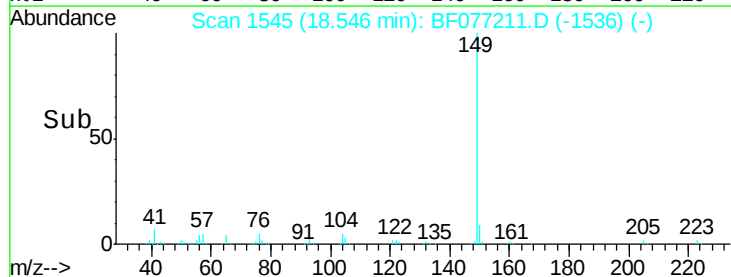
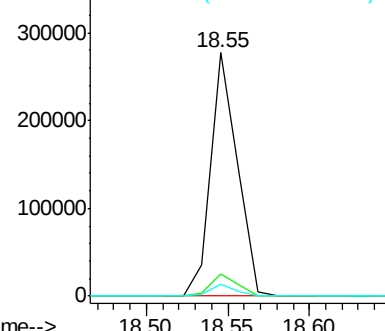
104 4.9 3.7 5.5

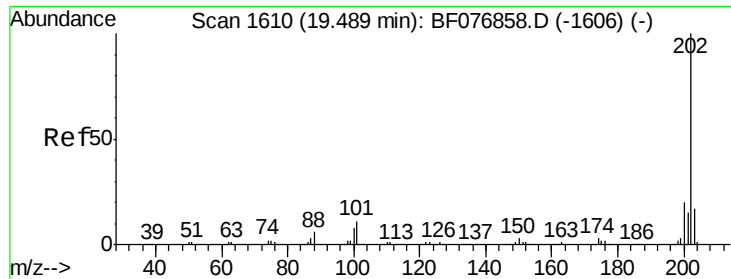


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.00 ng

RT: 19.23 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

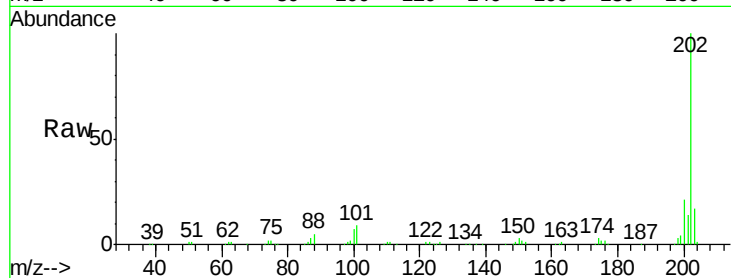
Tot Ion:202 Resp: 266254

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.7

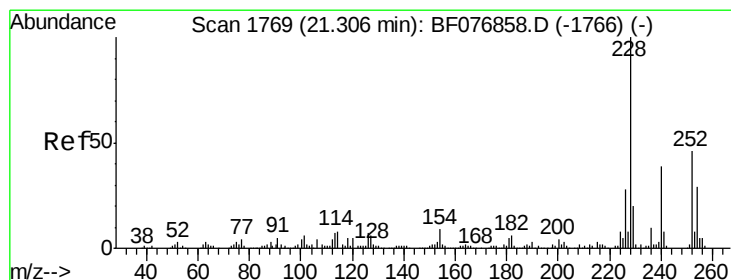
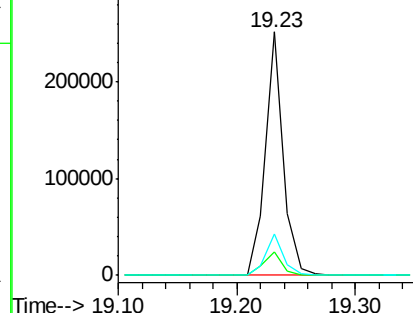
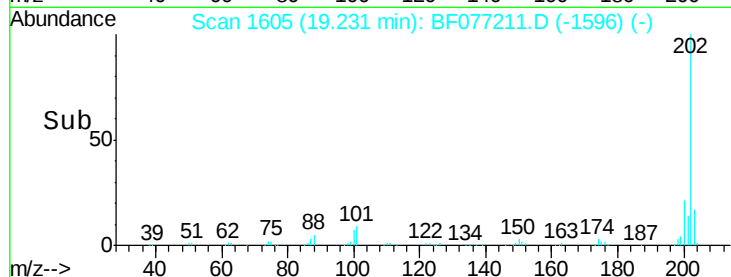
203 17.1 0.0 36.9



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: 21.05 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

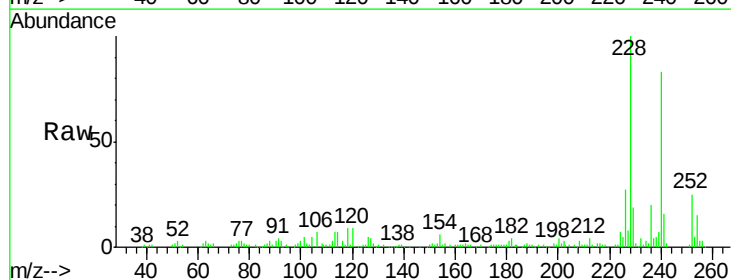
Tgt Ion:240 Resp: 109998

Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

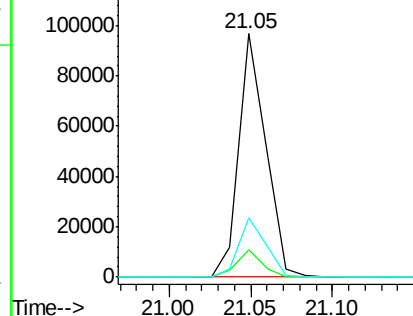
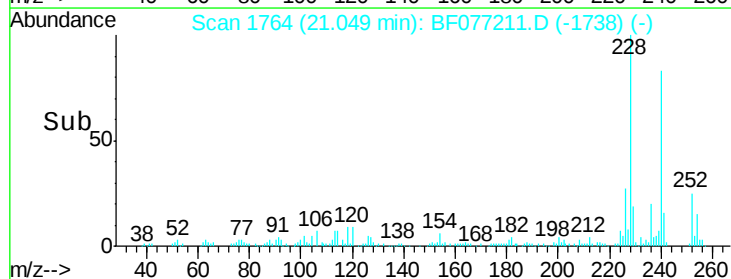
236 24.3 20.2 30.2

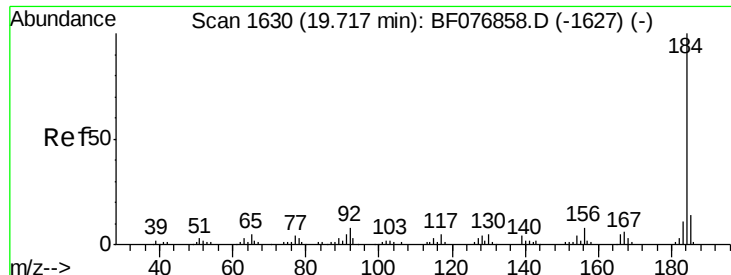


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

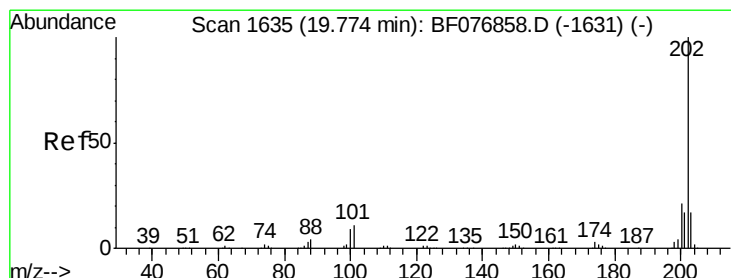
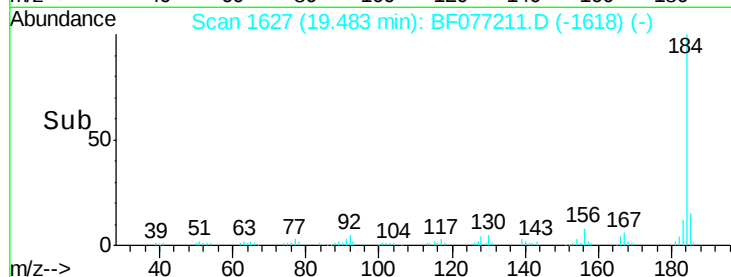
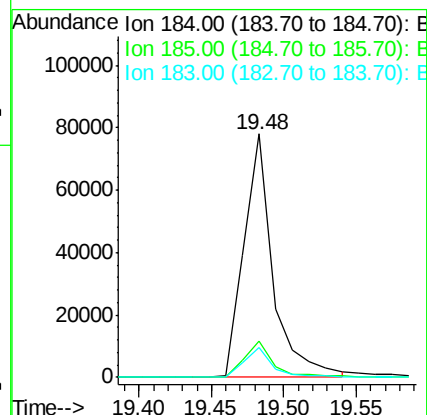
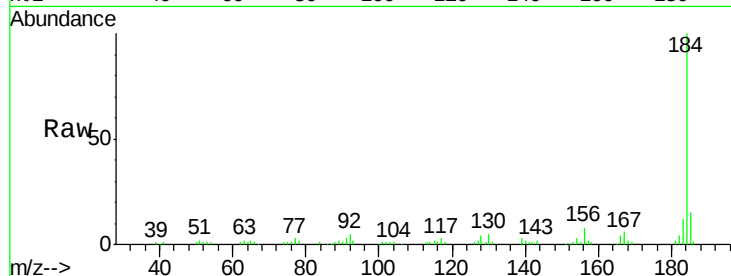




#76
Benzidine
Concen: 30.83 ng
RT: 19.48 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

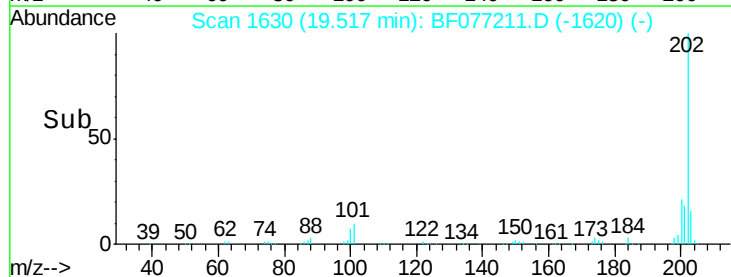
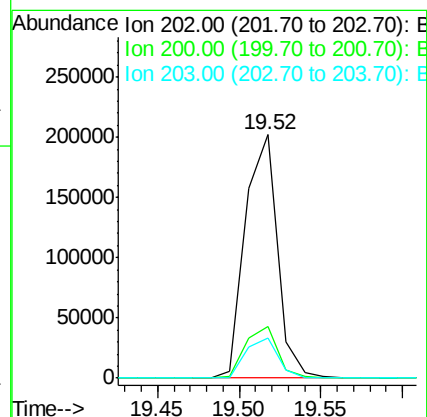
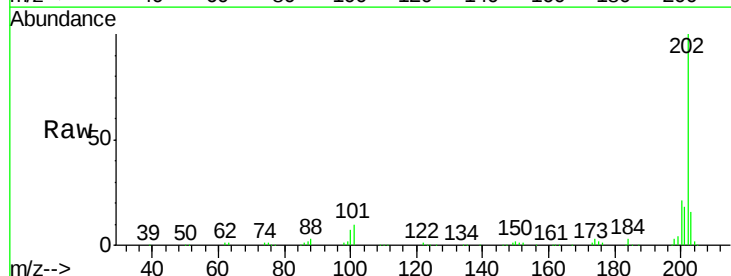
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

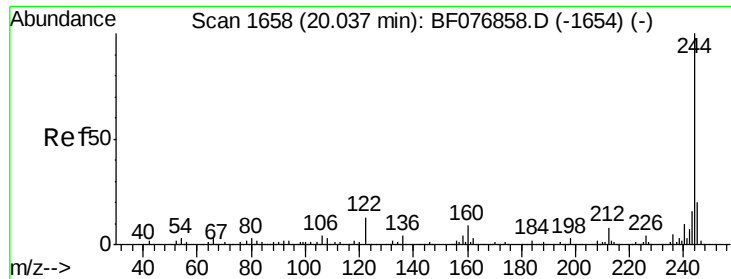
Tot Ion:184 Resp: 108522
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 12.1 9.0 13.6



#77
Pyrene
Concen: 36.52 ng
RT: 19.52 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:202 Resp: 275281
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 16.4 14.0 21.0





#78

Terphenyl-d14

Concen: 94.34 ng

RT: 19.79 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

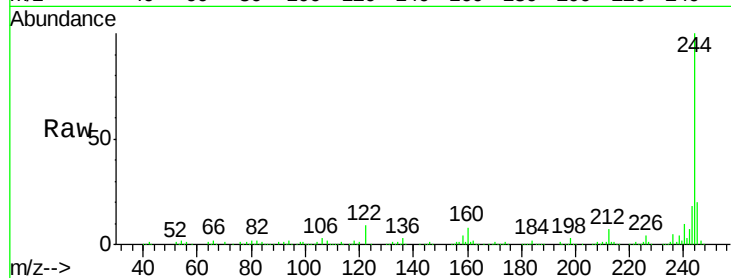
Tot Ion:244 Resp: 450747

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

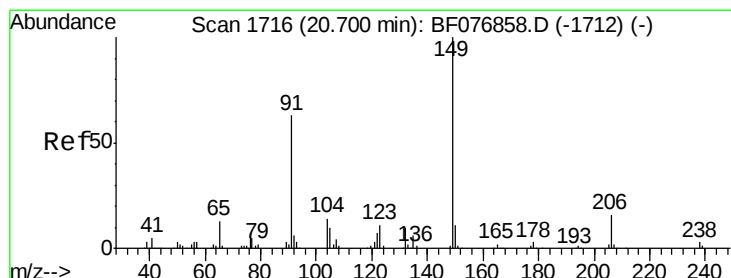
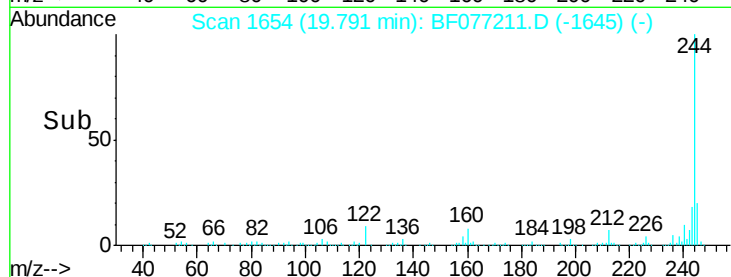
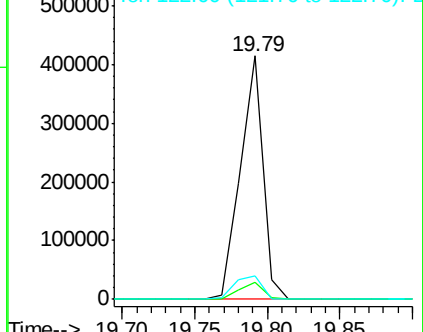
122 9.4 10.1 15.1#



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: 40.31 ng

RT: 20.45 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

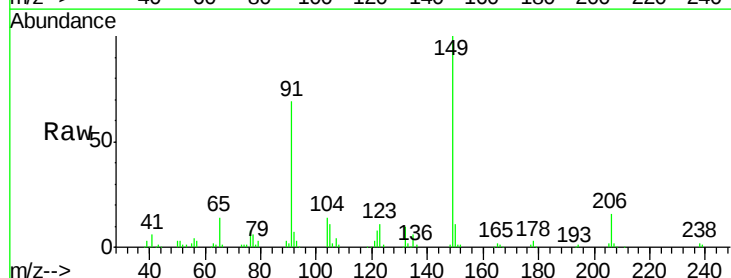
Tgt Ion:149 Resp: 137631

Ion Ratio Lower Upper

149 100

91 69.3 50.6 76.0

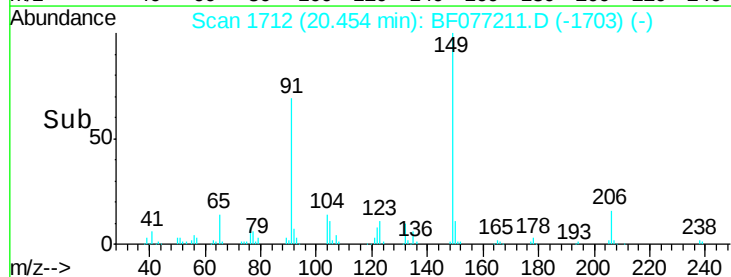
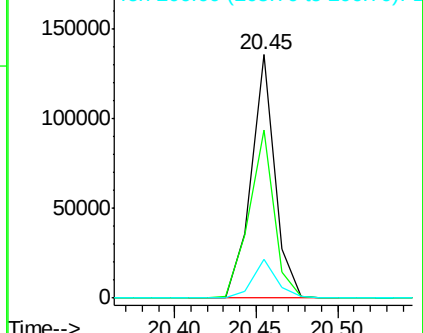
206 15.9 12.8 19.2

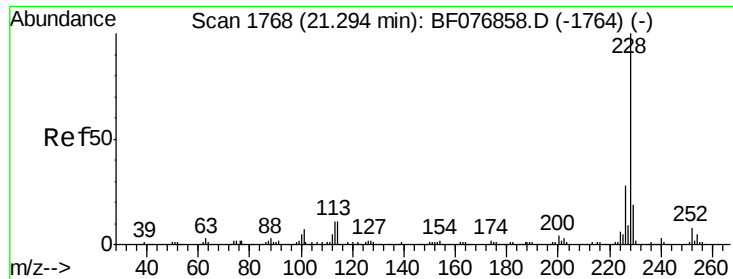


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

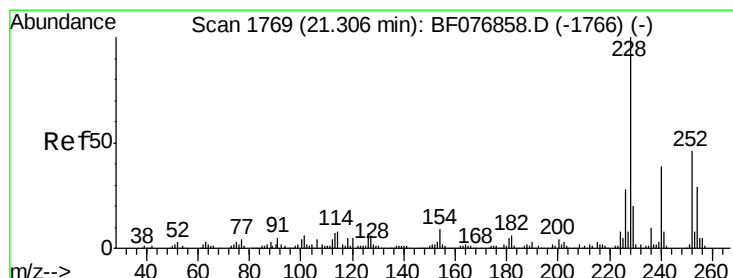
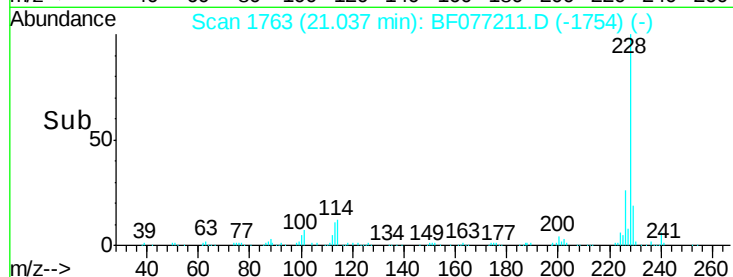
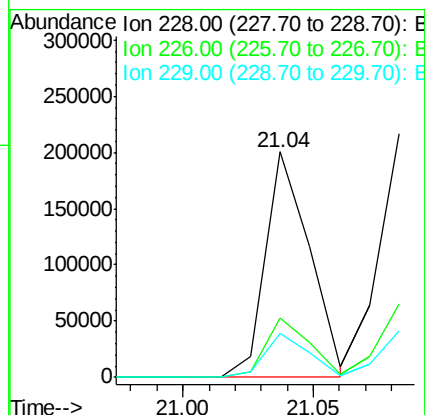
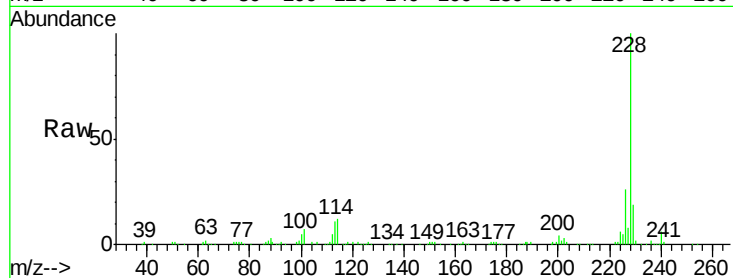




#80
Benzo(a)anthracene
Concen: 34.35 ng
RT: 21.04 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

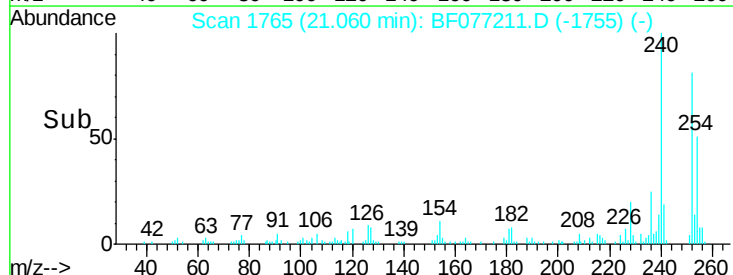
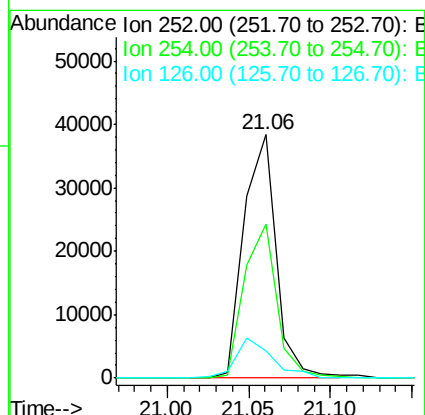
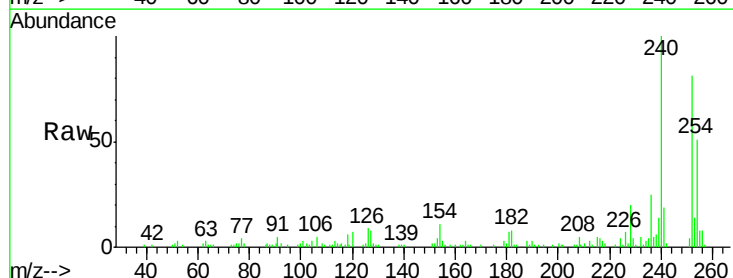
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

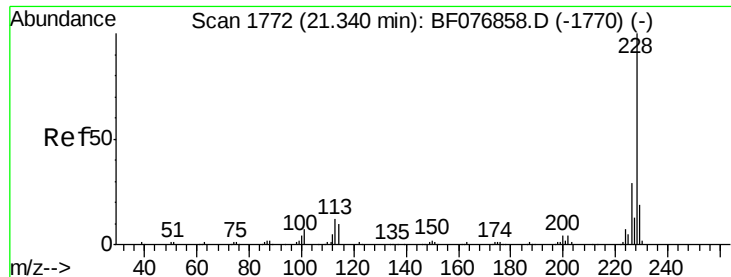
Tot Ion:228 Resp: 237041
Ion Ratio Lower Upper
228 100
226 26.3 22.1 33.1
229 19.5 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 24.10 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:252 Resp: 52849
Ion Ratio Lower Upper
252 100
254 63.3 50.2 75.4
126 11.1 11.5 17.3#





#82

Chrysene

Concen: 37.59 ng

RT: 21.08 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

Instrument :

BNA_F

ClientSampleId :

PB81634BSD

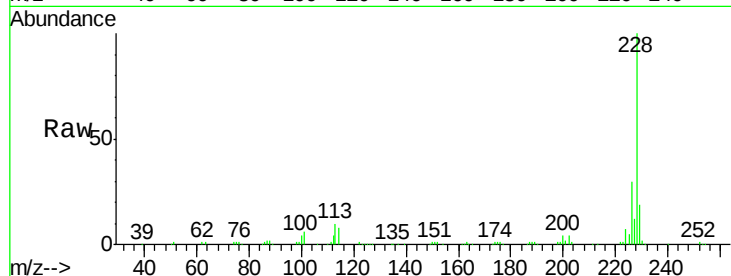
Tot Ion:228 Resp: 236600

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

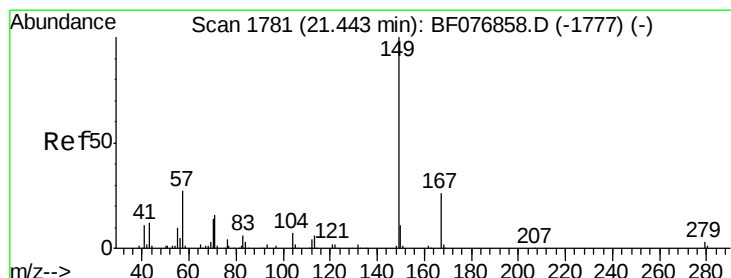
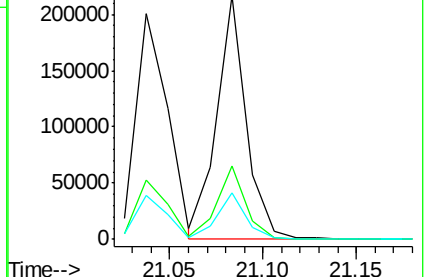
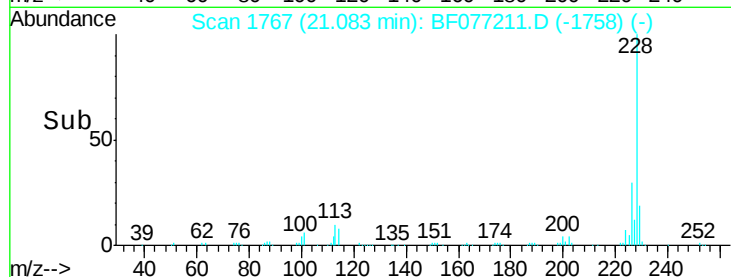
229 19.3 15.4 23.0



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: 42.29 ng

RT: 21.20 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF077211.D

Acq: 6 Feb 2015 20:20

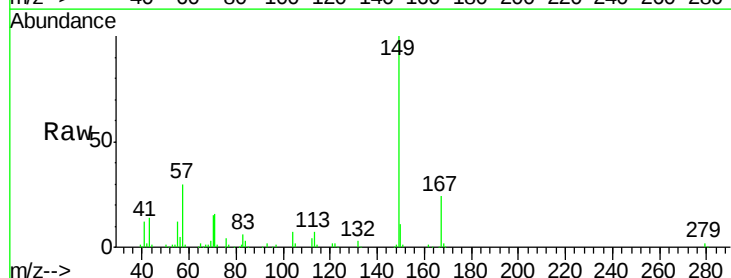
Tgt Ion:149 Resp: 199750

Ion Ratio Lower Upper

149 100

167 24.5 20.6 30.8

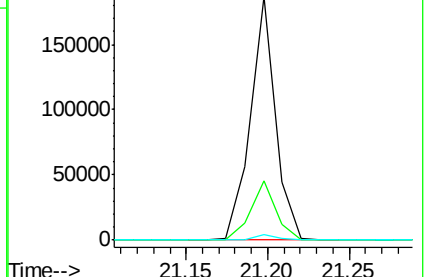
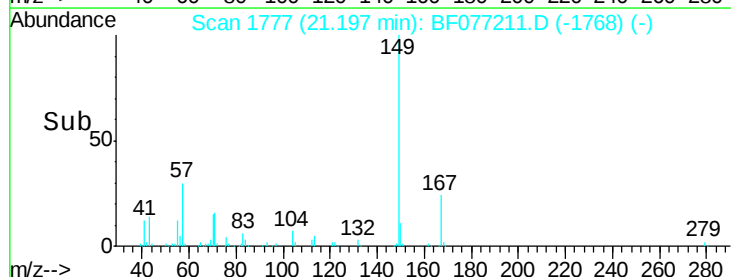
279 2.3 2.2 3.2

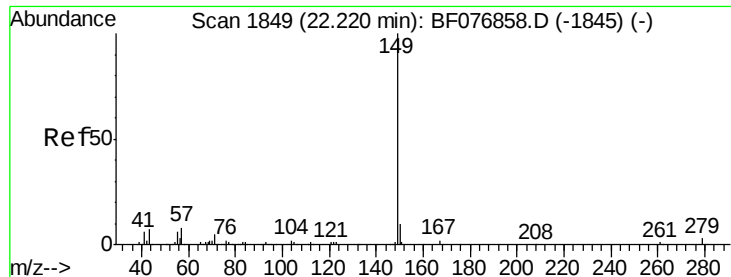


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

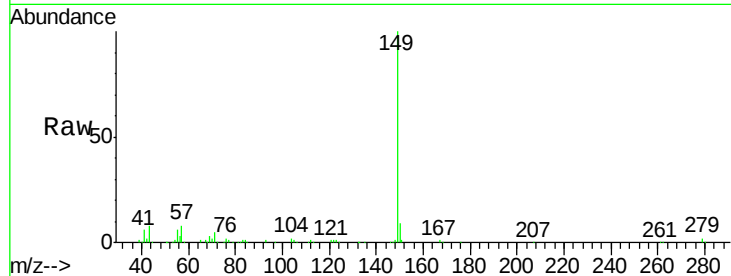




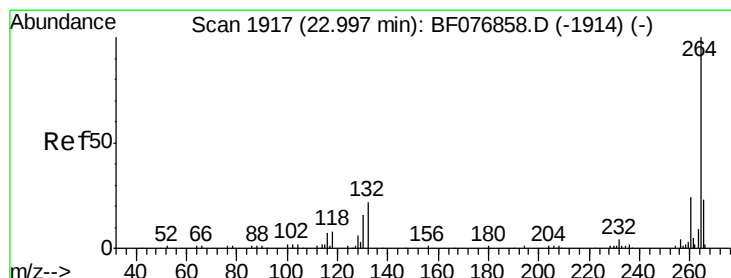
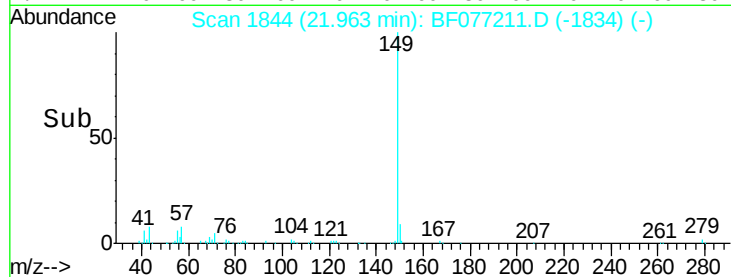
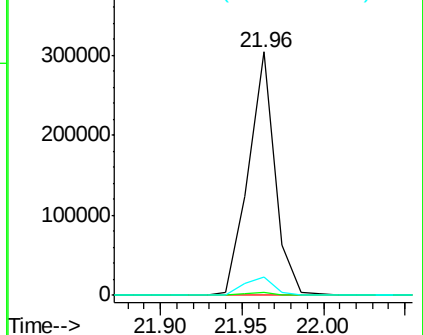
#84
Di-n-octyl phthalate
Concen: 41.84 ng
RT: 21.96 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Instrument :
BNA_F
ClientSampleId :
PB81634BSD

Tot Ion:149 Resp: 343056
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.5 6.6 10.0

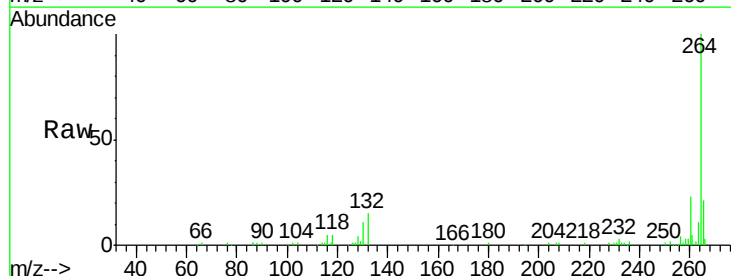


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

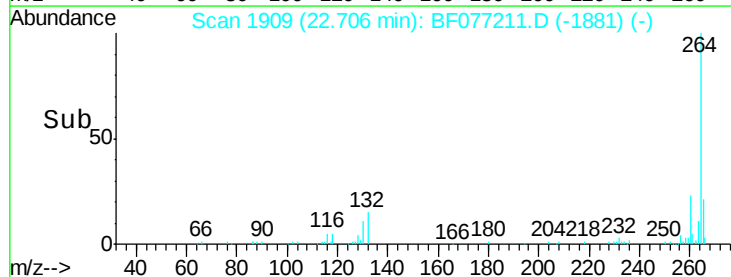
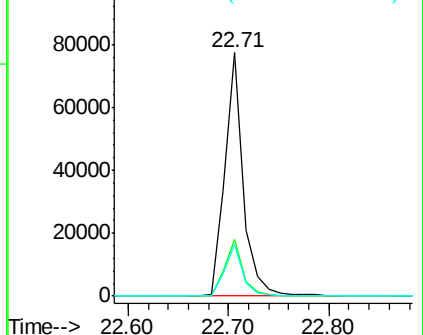


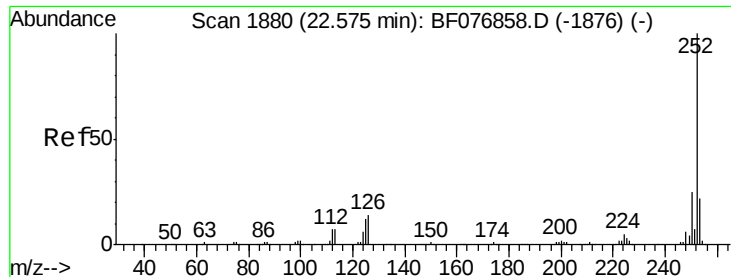
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.71 min Scan# 1909
Delta R.T. 0.02 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:264 Resp: 98603
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.0 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

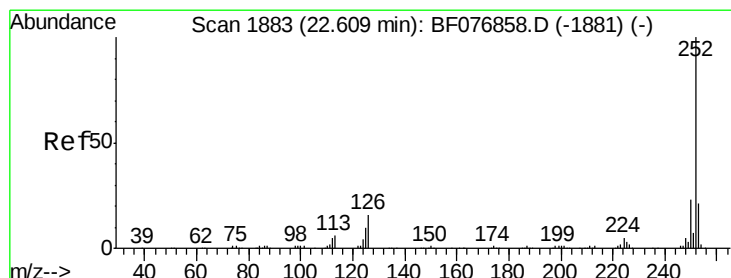
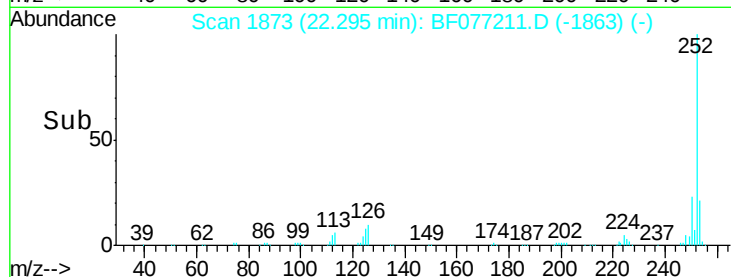
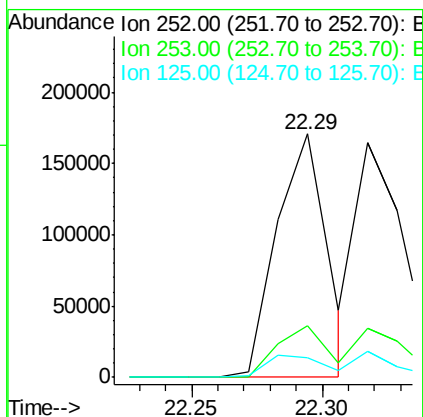
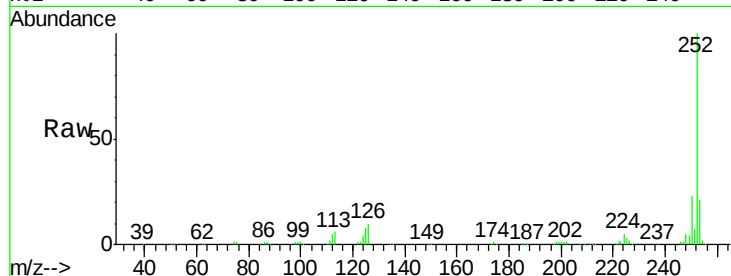




#87
Benzo(b)fluoranthene
Concen: 34.34 ng
RT: 22.29 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

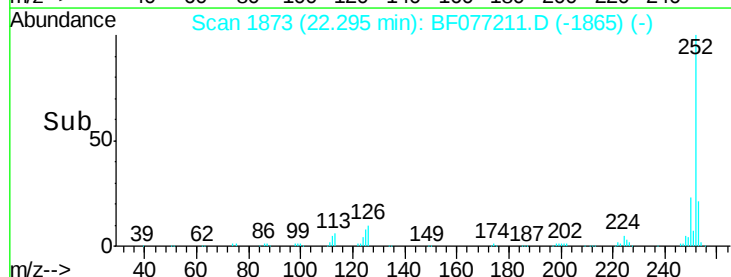
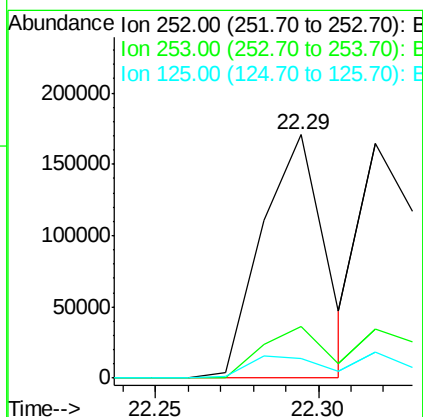
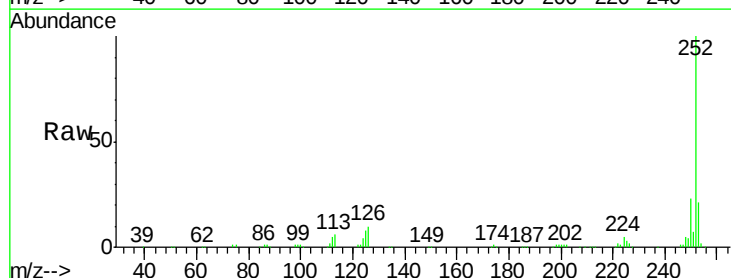
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

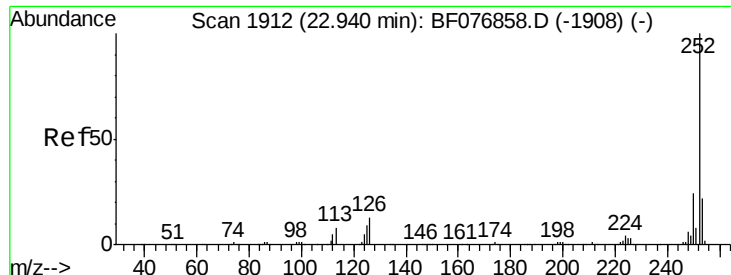
Tot Ion:252 Resp: 228060
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 8.1 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 39.30 ng
RT: 22.29 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:252 Resp: 228043
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 8.1 7.1 10.7

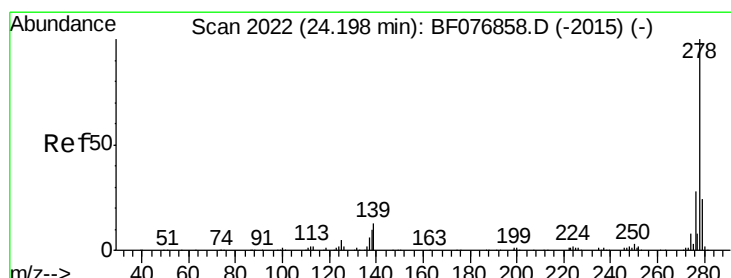
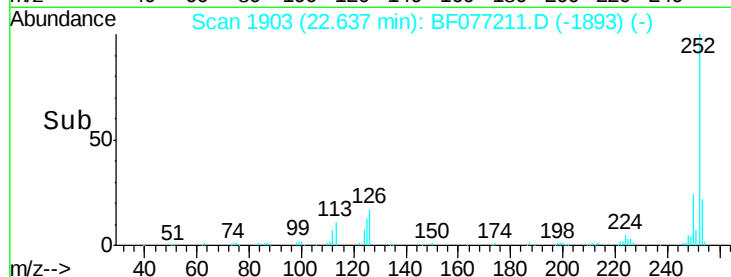
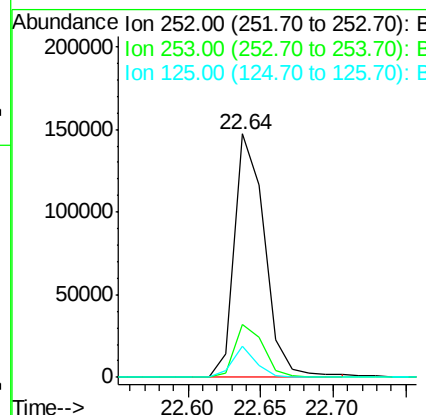
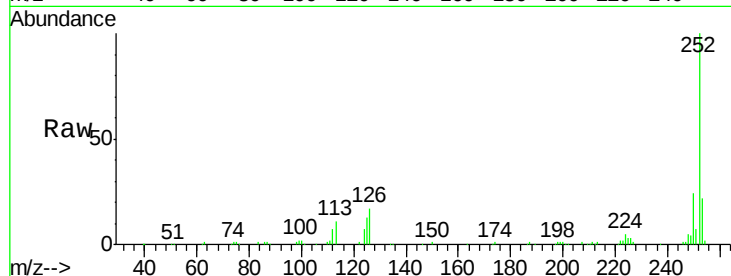




#89
Benzo(a)pyrene
Concen: 36.54 ng
RT: 22.64 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

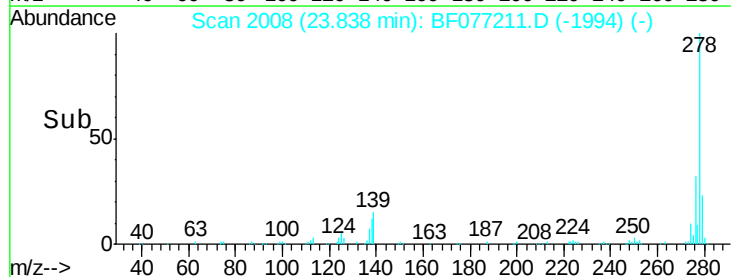
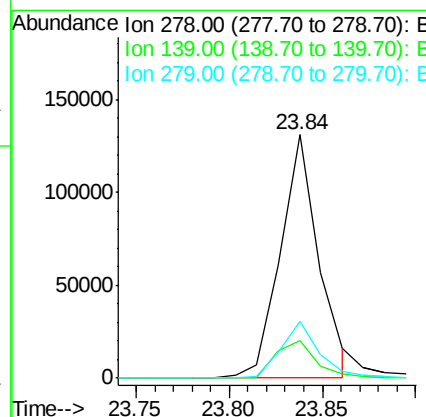
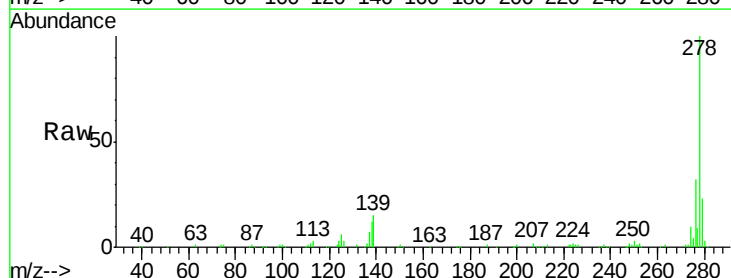
Instrument :
BNA_F
ClientSampleId :
PB81634BSD

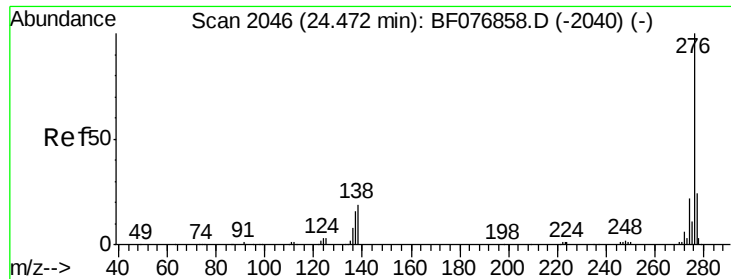
Tot Ion:252 Resp: 214063
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.6 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 34.90 ng
RT: 23.84 min Scan# 2008
Delta R.T. 0.06 min
Lab File: BF077211.D
Acq: 6 Feb 2015 20:20

Tgt Ion:278 Resp: 187593
Ion Ratio Lower Upper
278 100
139 15.4 10.5 15.7
279 23.3 19.3 28.9

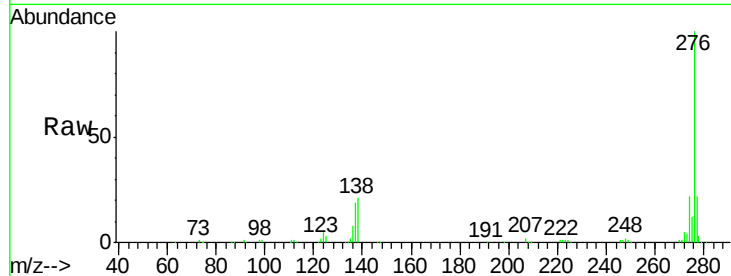




#91
 Benzo(a,h,i)perylene
 Concen: 34.12 ng
 RT: 24.08 min Scan# 2029
 Delta R.T. 0.06 min
 Lab File: BF077211.D
 Acq: 6 Feb 2015 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.5	29.3
138	21.5	15.0	22.6



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

