

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077214.D
 Acq On : 6 Feb 2015 22:03
 Operator : TP/IZ
 Sample : G1212-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Quant Time: Feb 07 00:32:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:15:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	35913	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	151199	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	82220	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	141590	20.00	ng	0.00
75) Chrysene-d12	21.05	240	134380	20.00	ng	0.00
86) Perylene-d12	22.67	264	118610	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	124802	57.14	ng	0.00
7) Phenol-d6	7.06	99	159832	58.01	ng	0.00
23) Nitrobenzene-d5	8.96	82	101510	37.19	ng	0.01
41) 2,4,6-Tribromophenol	16.42	330	40165	60.18	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	205327	38.00	ng	0.00
78) Terphenyl-d14	19.78	244	214799	36.80	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.09	88	11770	12.58	ng	94
3) Pyridine	1.55	79	27916	11.53	ng	98
4) n-Nitrosodimethylamine	1.49	42	22674	18.91	ng	91
6) Aniline	6.94	93	35270	9.25	ng	96
8) 2-Chlorophenol	7.17	128	45383	18.02	ng	98
10) Phenol	7.09	94	54387	18.59	ng	97
11) bis(2-Chloroethyl)ether	7.18	93	42745	18.67	ng	93
12) 1,3-Dichlorobenzene	7.48	146	47653	16.63	ng	96
13) 1,4-Dichlorobenzene	7.69	146	49332	16.24	ng	99
14) 1,2-Dichlorobenzene	8.00	146	45689	16.32	ng	99
15) Benzyl Alcohol	8.45	79	24181	10.84	ng	# 1
17) 2-Methylphenol	8.45	107	34461	16.75	ng	97
18) Hexachloroethane	8.74	117	18682	17.68	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	33813	17.53	ng	97
20) 3+4-Methylphenols	8.84	107	39160	14.37	ng	96
22) Acetophenone	8.65	105	66481	17.95	ng	97
24) Nitrobenzene	8.99	77	46815	16.84	ng	# 98
25) Isophorone	9.60	82	90021	18.11	ng	98
26) 2-Nitrophenol	9.74	139	21126	16.06	ng	# 87
27) 2,4-Dimethylphenol	10.03	122	38451	17.88	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	53968	19.10	ng	96
29) 2,4-Dichlorophenol	10.36	162	30697	15.32	ng	94
30) 1,2,4-Trichlorobenzene	10.46	180	39868	17.91	ng	100
31) Naphthalene	10.60	128	134481	17.28	ng	99
33) 4-Chloroaniline	10.86	127	29559	9.40	ng	98
34) Hexachlorobutadiene	10.97	225	22056	16.70	ng	93
35) Caprolactam	11.69	113	9859	16.71	ng	94
36) 4-Chloro-3-methylphenol	12.18	107	39073	17.03	ng	94
37) 2-Methylnaphthalene	12.26	142	95105	17.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	37668	18.53	ng	96
40) Hexachlorocyclopentadiene	12.64	237	27385	28.17	ng	96
42) 2,4,6-Trichlorophenol	13.03	196	23769	16.05	ng	94
43) 2,4,5-Trichlorophenol	13.12	196	22024	14.58	ng	# 90
45) 1,1'-Biphenyl	13.40	154	112078	18.39	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.38	162	90044	17.95	nq	99
47) 2-Nitroaniline	13.73	65	27473	18.06	nq	94
48) Acenaphthylene	14.33	152	144458	17.07	nq	99
49) Dimethylphthalate	14.28	163	116112	19.91	nq	98
50) 2,6-Dinitrotoluene	14.39	165	21756	18.68	nq	96
51) Acenaphthene	14.75	154	81428	16.96	nq	98
52) 3-Nitroaniline	14.74	138	18700	13.64	nq	93
53) 2,4-Dinitrophenol	15.04	184	9402	26.42	nq	91
54) Dibenzofuran	15.17	168	123753	17.70	nq	100
55) 4-Nitrophenol	15.37	139	16720	18.29	nq	98
56) 2,4-Dinitrotoluene	15.32	165	29283	18.14	nq	# 92
57) Fluorene	15.94	166	105361	17.78	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.55	232	17854	16.23	nq	# 97
59) Diethylphthalate	15.94	149	115493	19.60	nq	98
60) 4-Chlorophenyl-phenylether	16.03	204	44588	18.40	nq	94
61) 4-Nitroaniline	16.10	138	20743	15.13	nq	95
62) Azobenzene	16.33	77	109125	17.77	nq	98
64) 4,6-Dinitro-2-methylphenol	16.18	198	11764	15.34	nq	74
65) n-Nitrosodiphenylamine	16.29	169	89626	17.75	nq	97
66) 4-Bromophenyl-phenylether	16.91	248	23948	16.69	nq	# 85
67) Hexachlorobenzene	16.92	284	26818	17.74	nq	94
68) Atrazine	17.30	200	30918	20.18	nq	93
69) Pentachlorophenol	17.30	266	16808	29.06	nq	96
70) Phenanthrene	17.57	178	147109	16.66	nq	99
71) Anthracene	17.65	178	146104	16.97	nq	98
72) Carbazole	17.95	167	143861	17.23	nq	98
73) Di-n-butylphthalate	18.55	149	179253	18.54	nq	98
74) Fluoranthene	19.23	202	151870	16.79	nq	98
76) Benzidine	19.48	184	46482	10.81	nq	99
77) Pyrene	19.51	202	159019	17.27	nq	99
79) Butylbenzylphthalate	20.45	149	82348	19.74	nq	98
80) Benzo(a)anthracene	21.04	228	139922	16.60	nq	98
81) 3,3'-Dichlorobenzidine	21.05	252	39846	14.87	nq	# 98
82) Chrysene	21.04	228	139922	18.20	nq	96
83) Bis(2-ethylhexyl)phthalate	21.20	149	114935	19.92	nq	100
84) Di-n-octyl phthalate	21.95	149	211344	21.10	nq	99
87) Benzo(b)fluoranthene	22.27	252	149205	18.68	nq	99
88) Benzo(k)fluoranthene	22.27	252	149205	21.38	nq	# 97
89) Benzo(a)pyrene	22.61	252	128013	18.17	nq	97

(#) = 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

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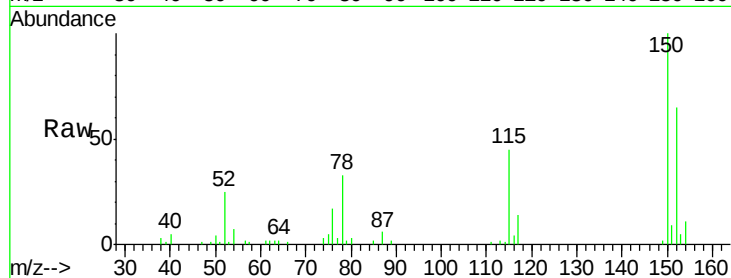
Tot Ion:152 Resp: 35913

Ion Ratio Lower Upper

152 100

150 155.0 121.7 182.5

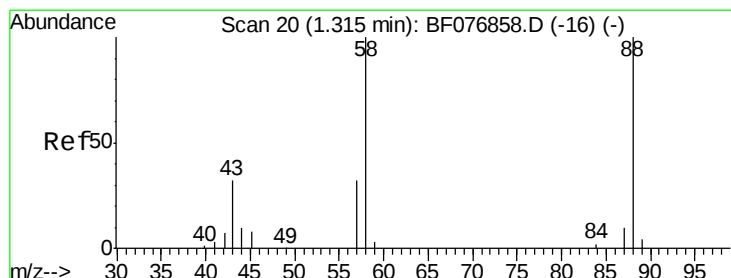
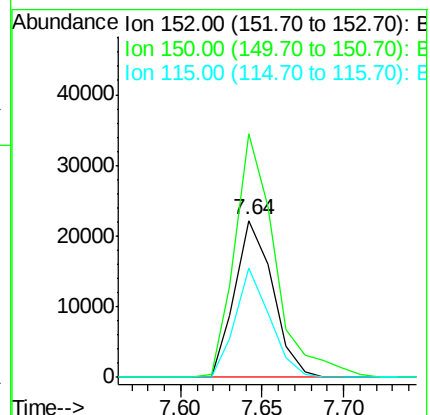
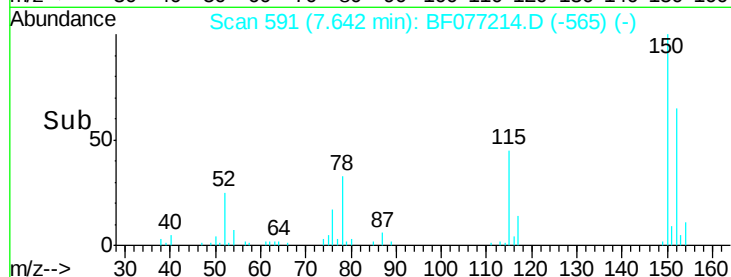
115 69.3 47.0 70.6



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: 12.58 ng

RT: 1.09 min Scan# 18

Delta R.T. -0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

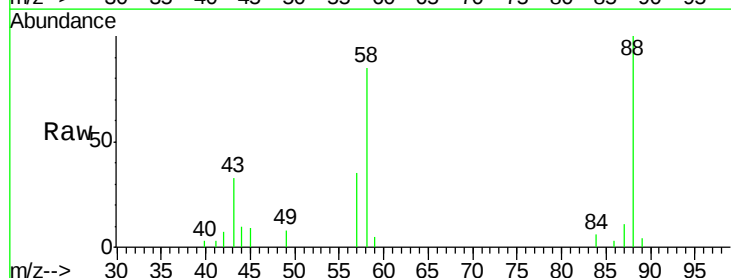
Tgt Ion: 88 Resp: 11770

Ion Ratio Lower Upper

88 100

58 90.8 77.0 115.4

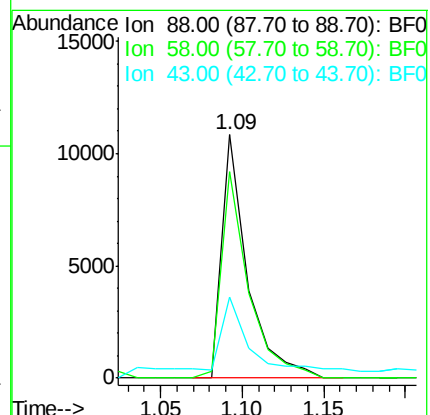
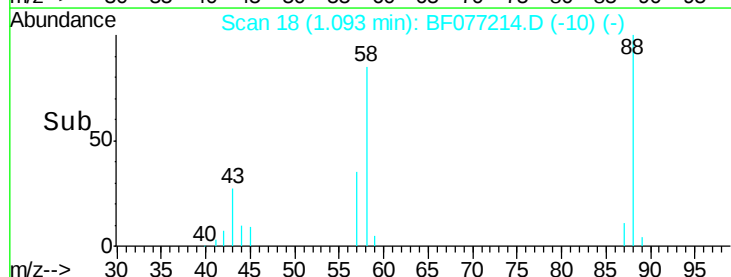
43 37.0 25.6 38.4



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: 11.53 ng

RT: 1.55 min Scan# 58

Delta R.T. 0.01 min

Lab File: BF077214.D

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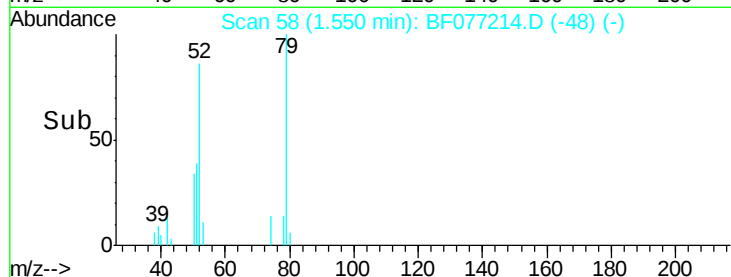
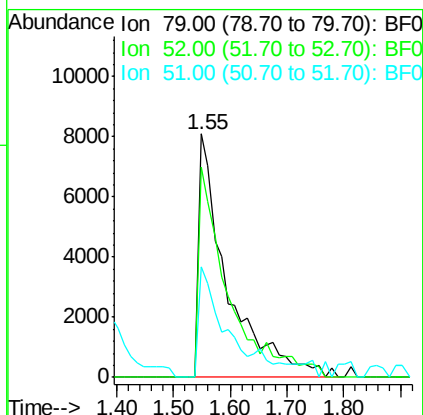
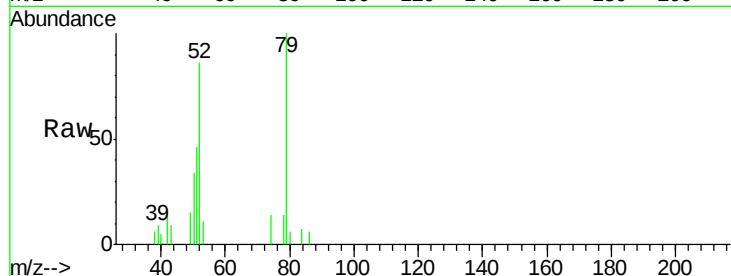
Tot Ion: 79 Resp: 27916

Ion Ratio Lower Upper

79 100

52 86.3 70.1 105.1

51 45.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 18.91 ng

RT: 1.49 min Scan# 53

Delta R.T. -0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

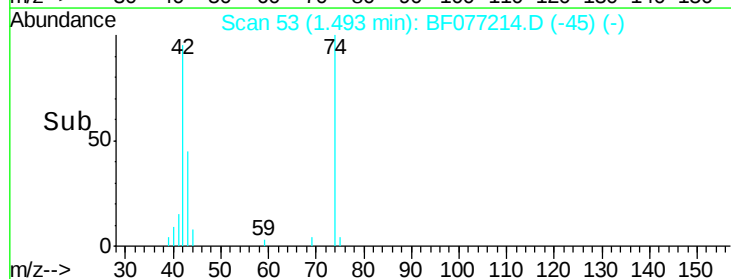
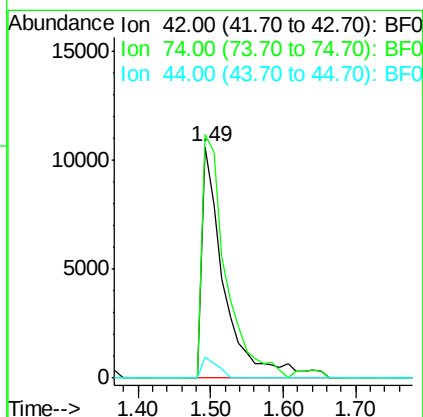
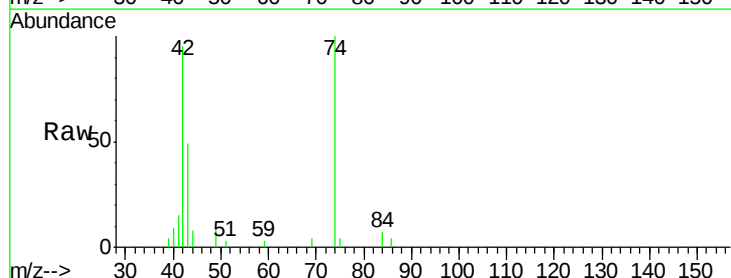
Tgt Ion: 42 Resp: 22674

Ion Ratio Lower Upper

42 100

74 105.2 92.4 138.6

44 8.8 6.2 9.2





#5

2-Fluorophenol

Concen: 57.14 ng

RT: 4.66 min Scan# 330

Delta R.T. -0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

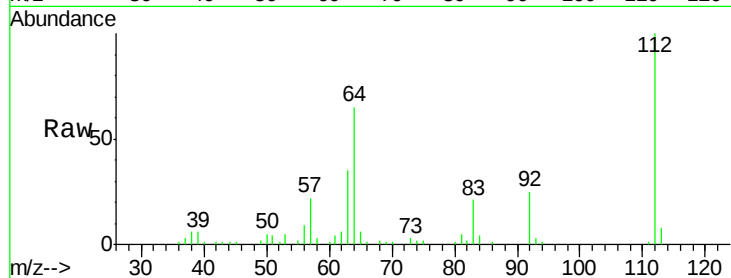
Tot Ion: 112 Resp: 124802

Ion Ratio Lower Upper

112 100

64 64.8 54.2 81.4

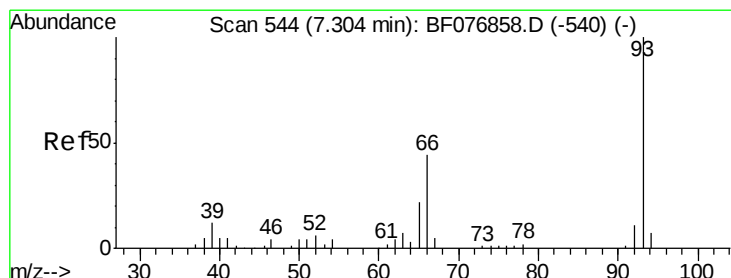
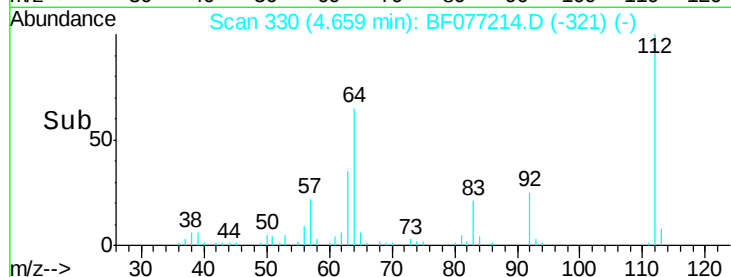
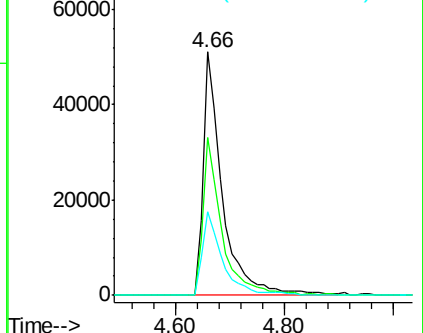
63 34.5 28.4 42.6



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: 9.25 ng

RT: 6.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

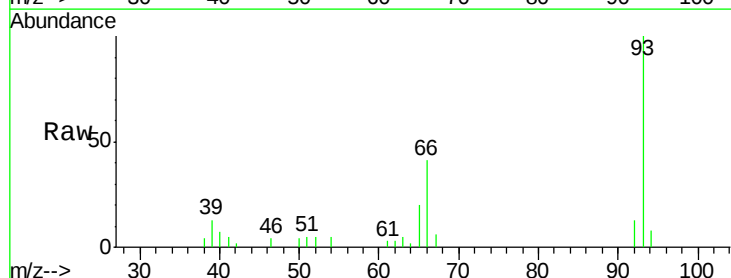
Tgt Ion: 93 Resp: 35270

Ion Ratio Lower Upper

93 100

66 40.9 35.0 52.4

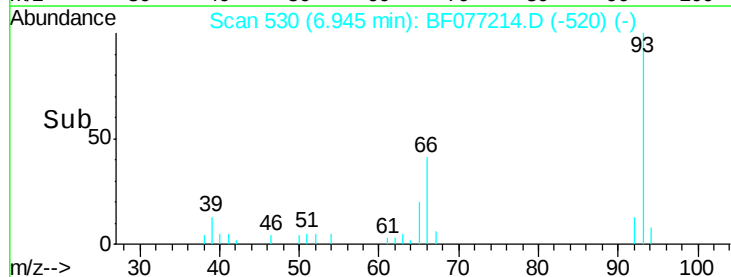
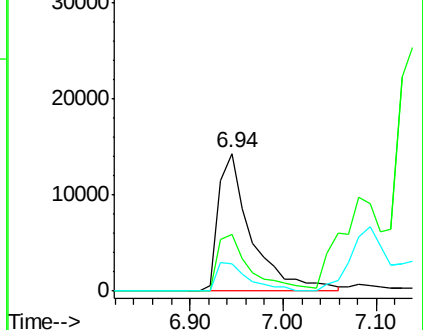
65 20.1 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 58.01 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

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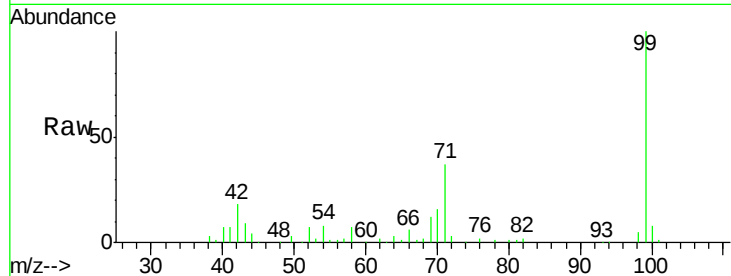
Tot Ion: 99 Resp: 159832

Ion Ratio Lower Upper

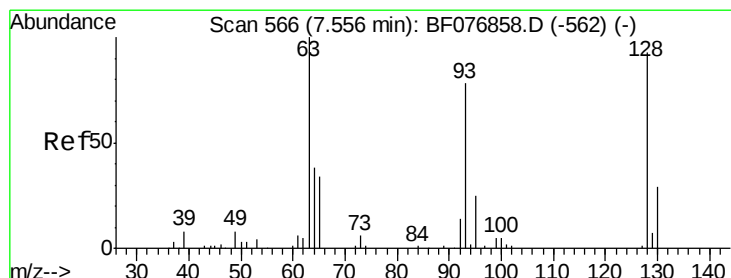
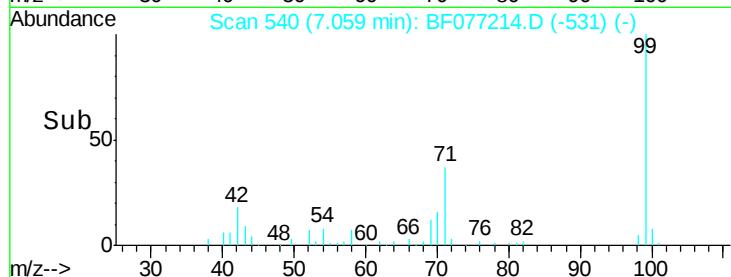
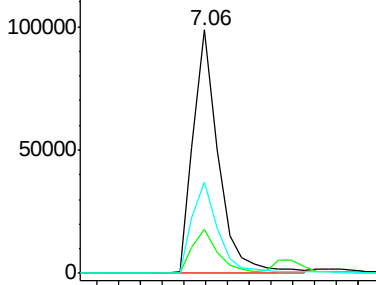
99 100

42 17.9 15.0 22.4

71 37.3 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: 18.02 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

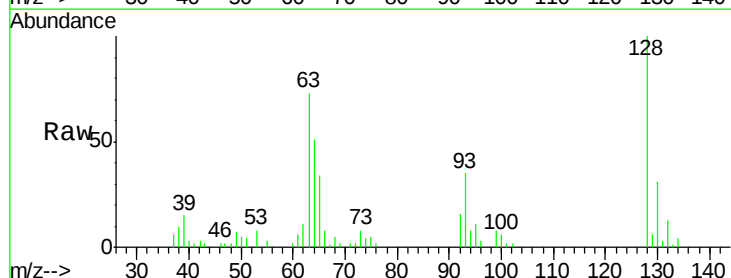
Tgt Ion: 128 Resp: 45383

Ion Ratio Lower Upper

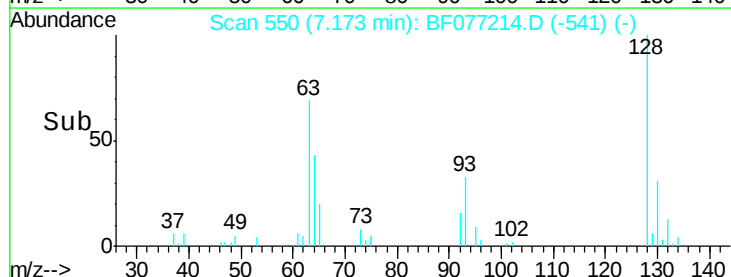
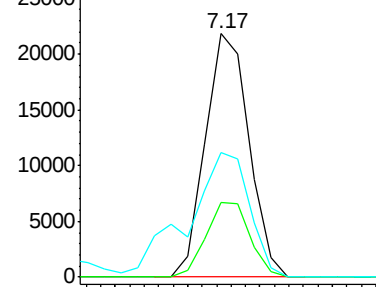
128 100

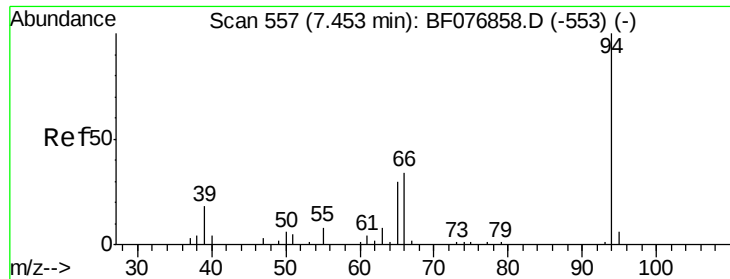
130 30.6 11.0 51.0

64 51.1 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





#10

Phenol

Concen: 18.59 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

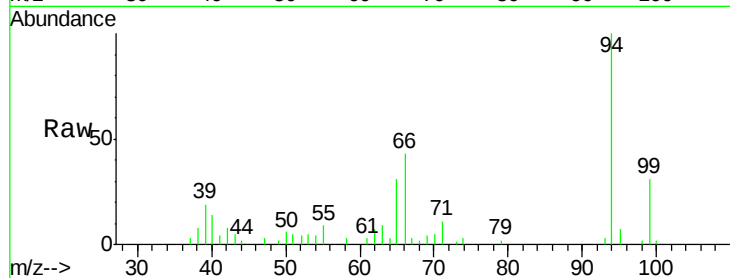
BNA_F

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Tot Ion: 94 Resp: 54387

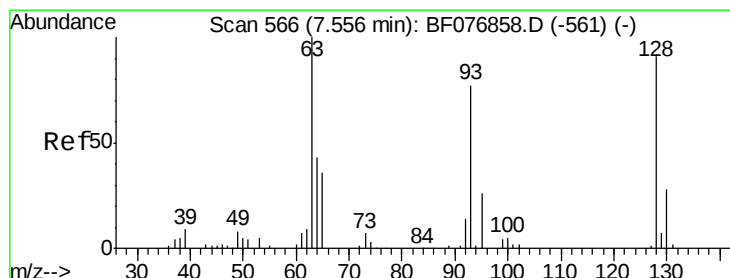
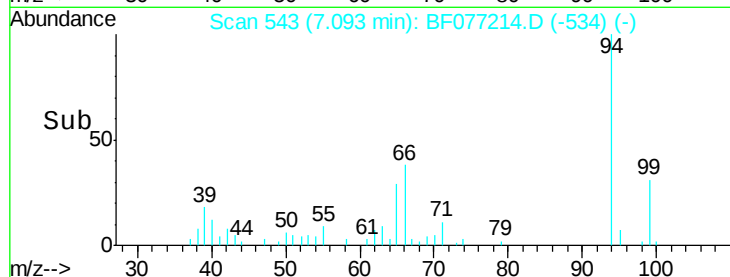
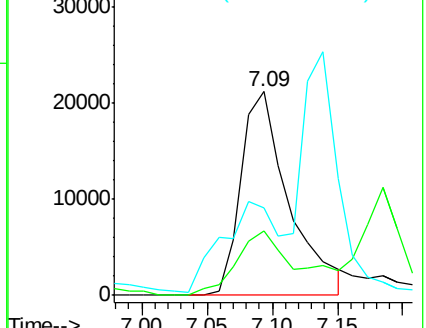
Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.3	51.3
66	42.8	19.5	59.5



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: 18.67 ng

RT: 7.18 min Scan# 551

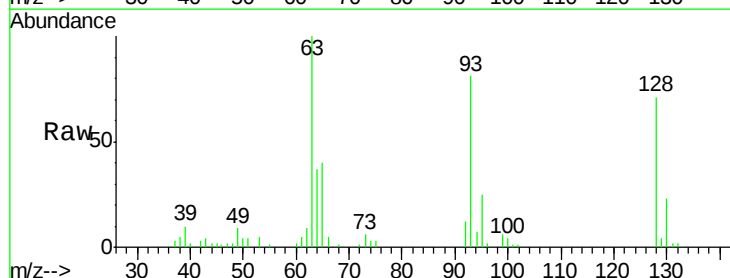
Delta R.T. -0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion: 93 Resp: 42745

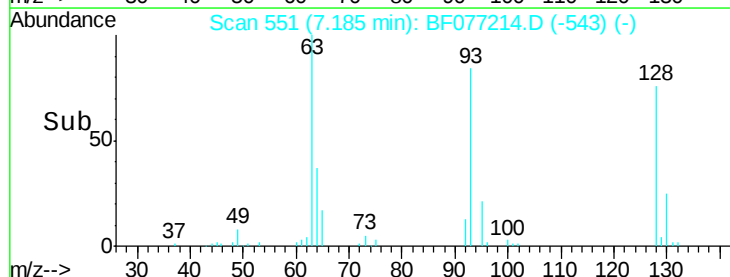
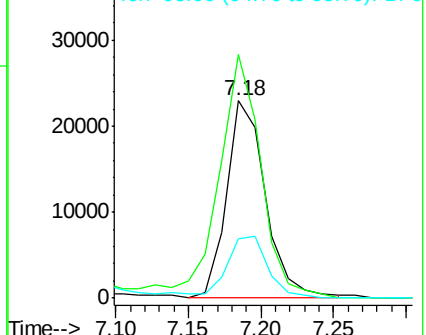
Ion	Ratio	Lower	Upper
93	100		
63	123.4	111.3	151.3
95	30.3	13.8	53.8

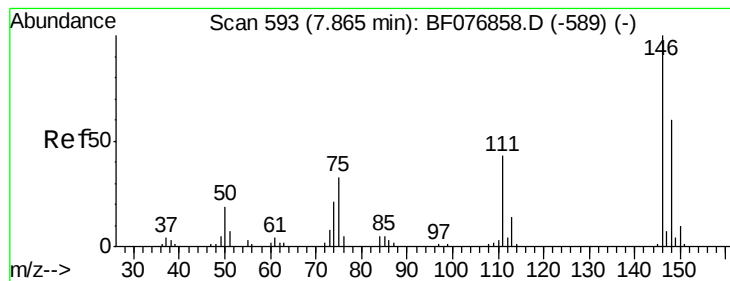


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 16.63 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

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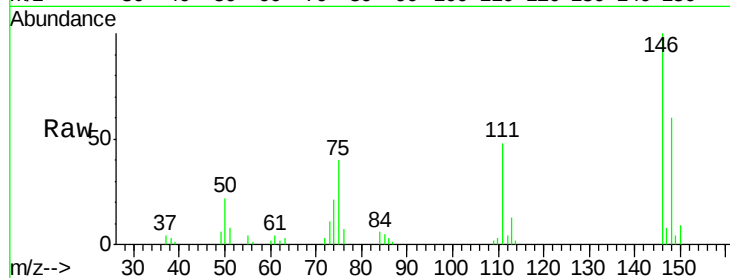
Tot Ion:146 Resp: 47653

Ion Ratio Lower Upper

146 100

148 60.4 48.1 72.1

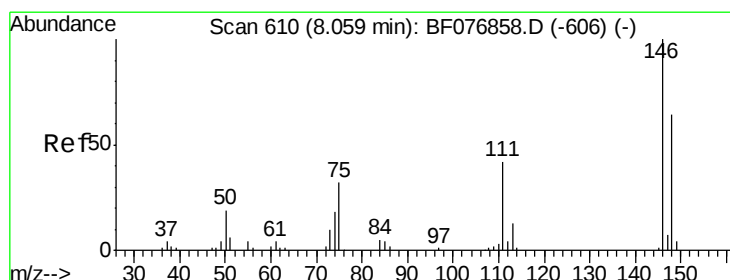
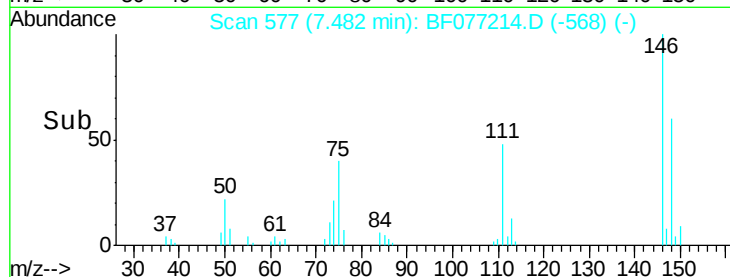
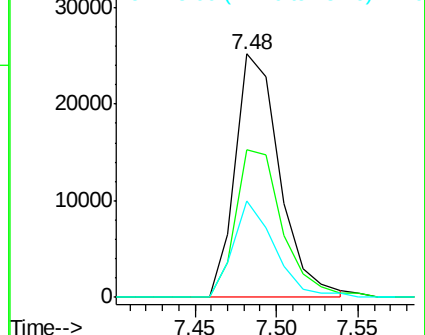
75 39.8 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 16.24 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

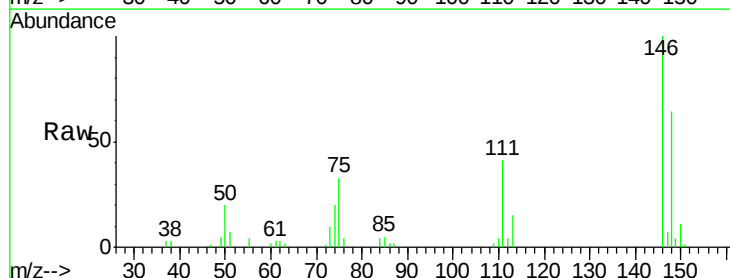
Tgt Ion:146 Resp: 49332

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

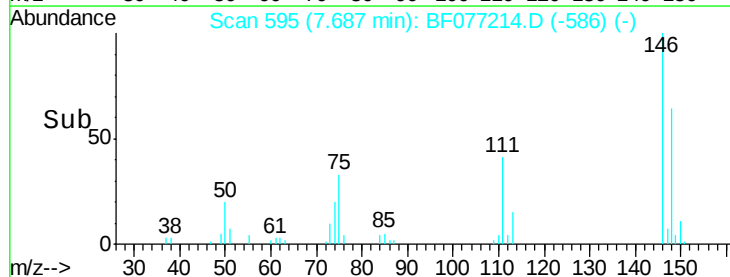
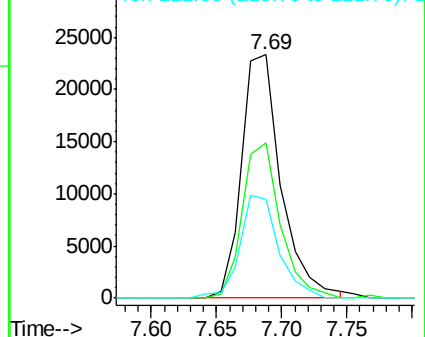
111 40.7 33.9 50.9

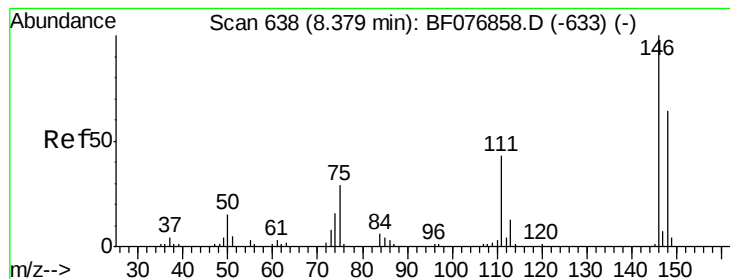


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

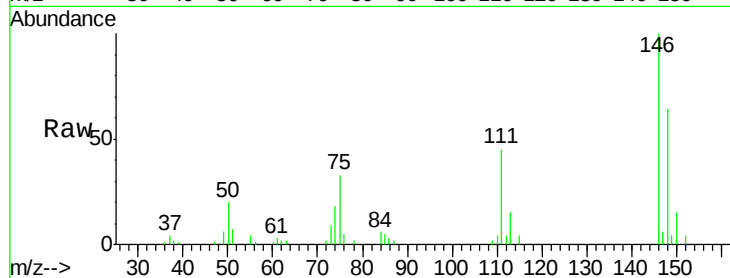




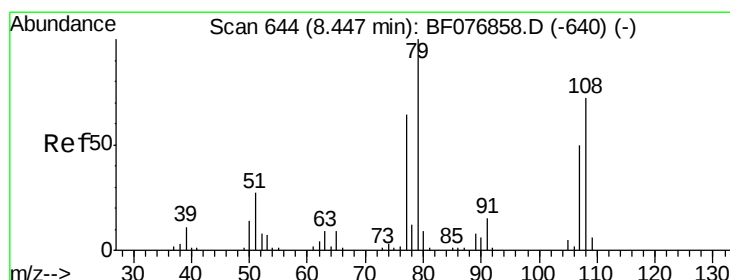
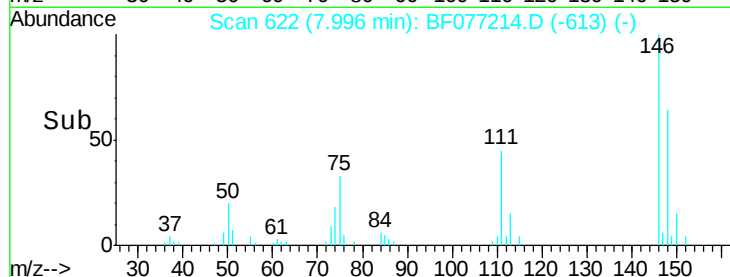
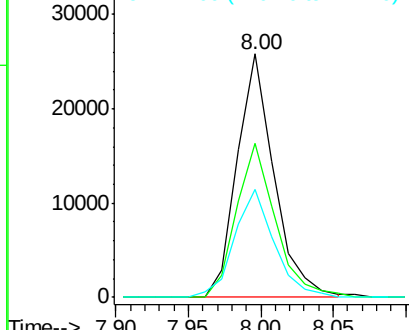
#14
 1,2-Dichlorobenzene
 Concen: 16.32 ng
 RT: 8.00 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:146 Resp: 45689
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.3 76.9
 111 44.6 34.5 51.7

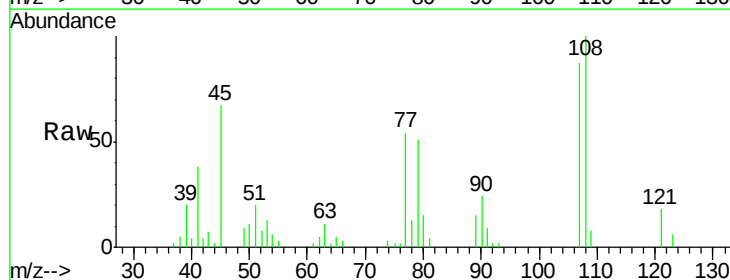


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

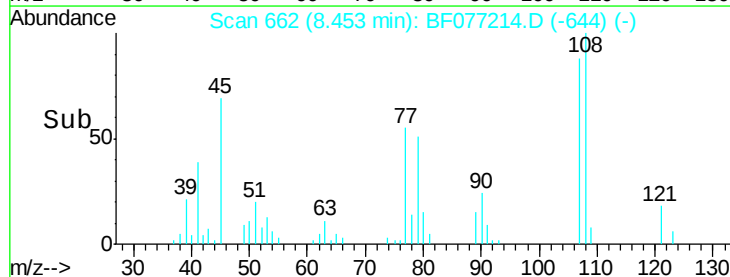
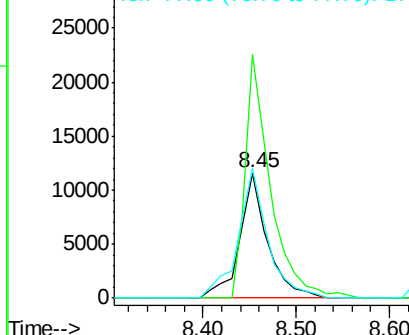


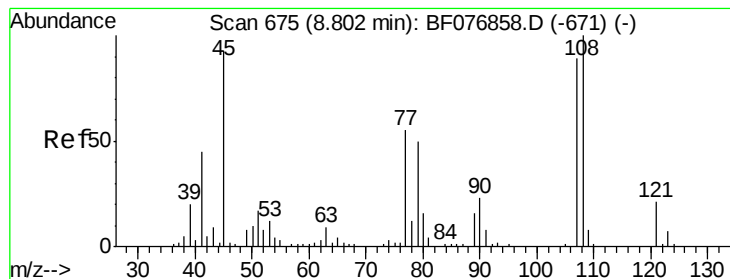
#15
 Benzyl Alcohol
 Concen: 10.84 ng
 RT: 8.45 min Scan# 662
 Delta R.T. 0.10 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion: 79 Resp: 24181
 Ion Ratio Lower Upper
 79 100
 108 195.4 57.2 85.8#
 77 104.6 51.2 76.8#



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

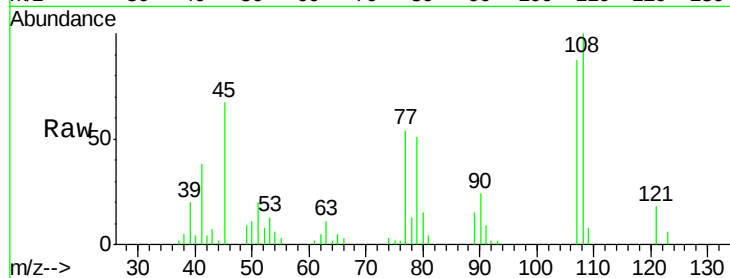




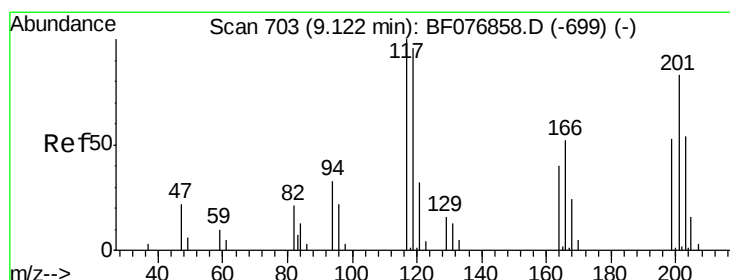
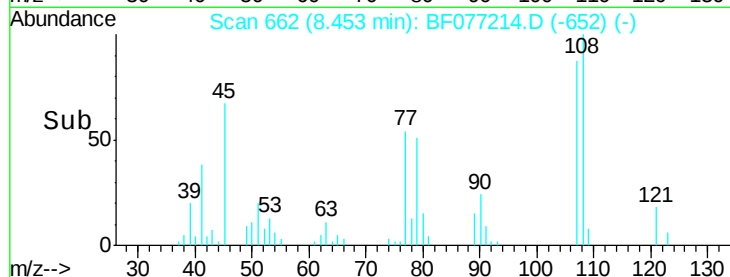
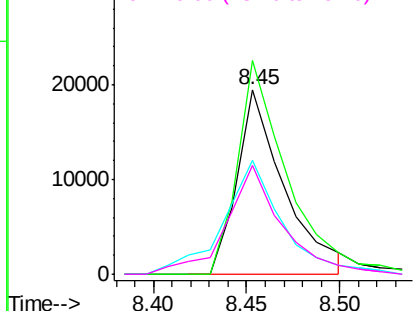
#17
2-Methylphenol
Concen: 16.75 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:107 Resp: 34461
Ion Ratio Lower Upper
107 100
108 115.5 89.7 134.5
77 61.8 50.1 75.1
79 59.1 45.0 67.6

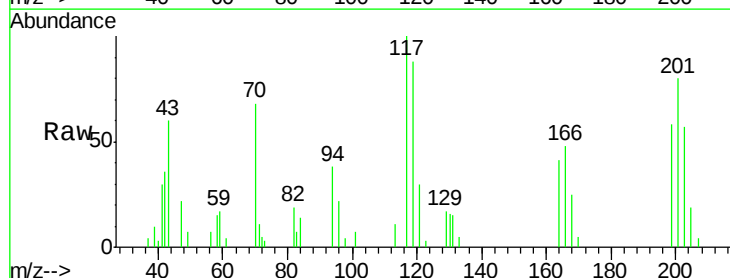


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

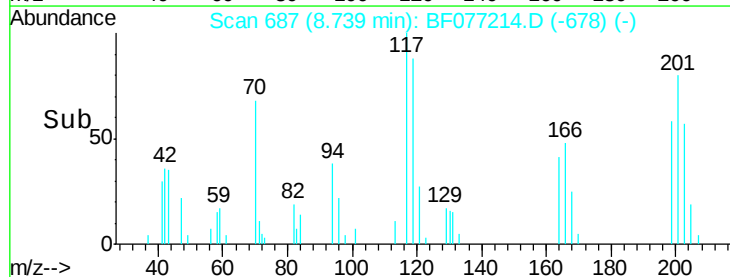
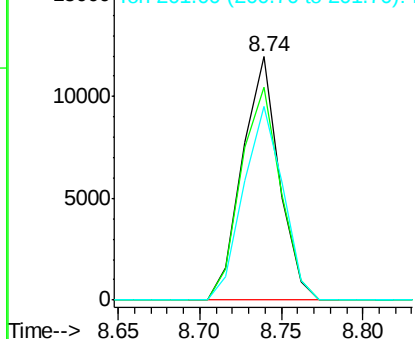


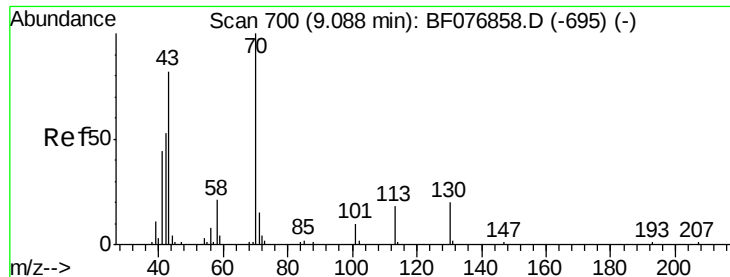
#18
Hexachloroethane
Concen: 17.68 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:117 Resp: 18682
Ion Ratio Lower Upper
117 100
119 87.6 77.1 115.7
201 79.6 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

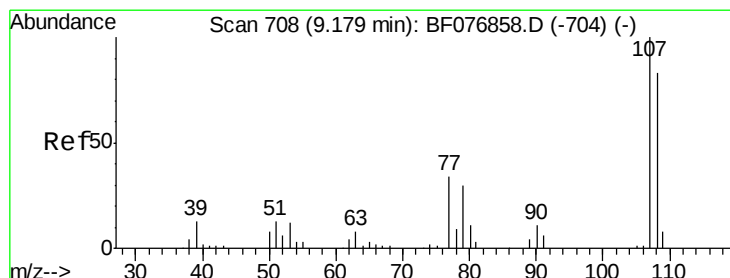
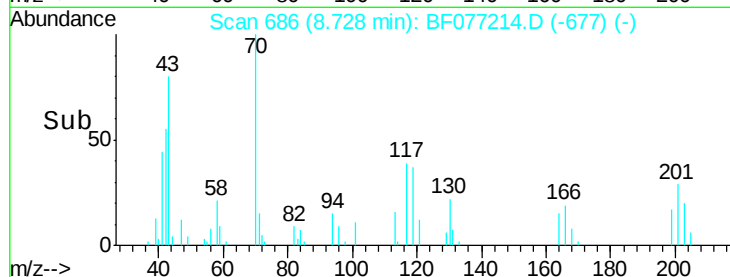
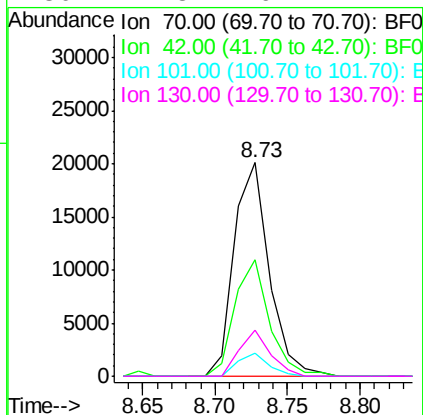
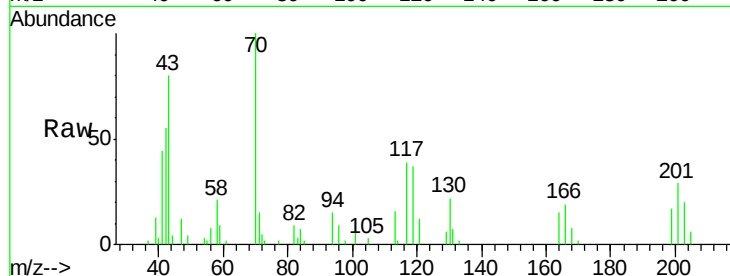




#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

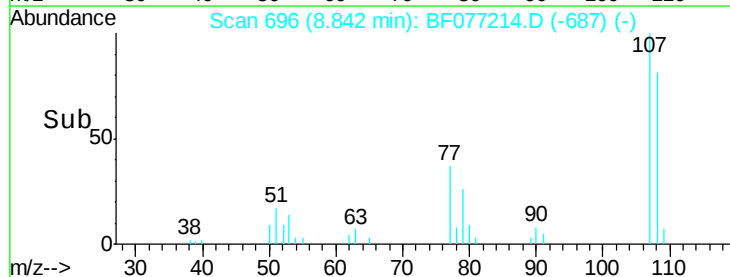
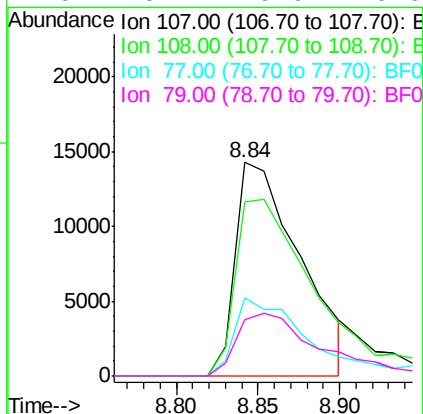
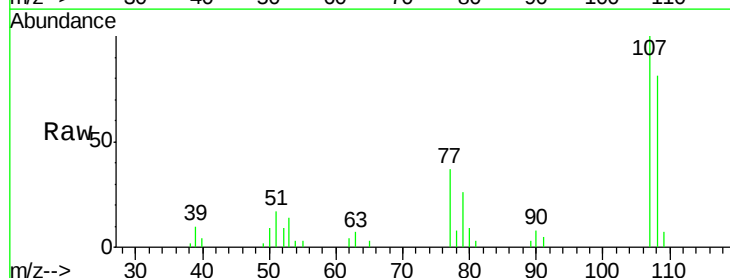
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

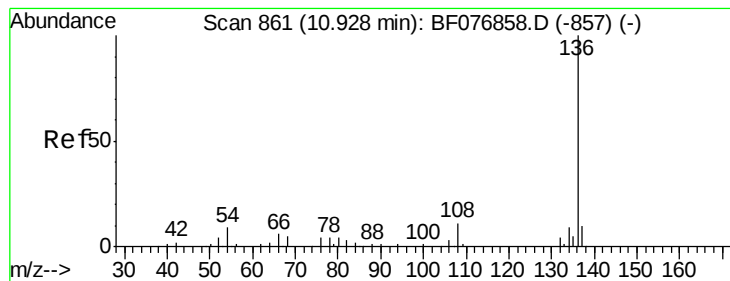
Tot Ion:	70	Resp:	33813
Ion	Ratio	Lower	Upper
70	100		
42	54.6	42.1	63.1
101	10.6	7.8	11.8
130	21.8	16.2	24.4



#20
3+4-Methylphenols
Concen: 14.37 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:	107	Resp:	39160
Ion	Ratio	Lower	Upper
107	100		
108	81.2	63.5	103.5
77	36.6	14.0	54.0
79	26.2	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: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:136 Resp: 151199

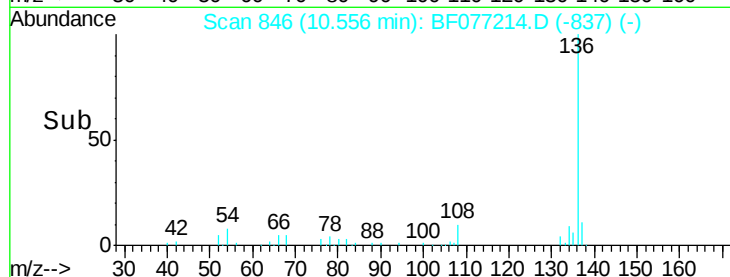
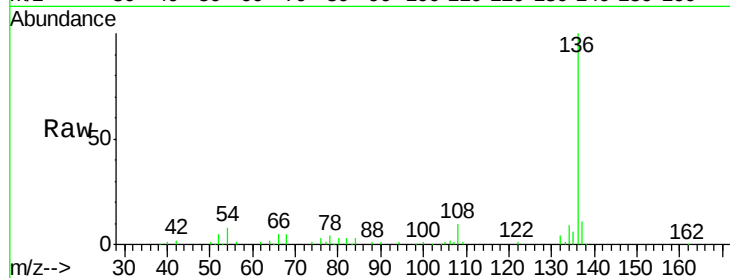
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.0 7.0 10.4

68 4.5 3.7 5.5

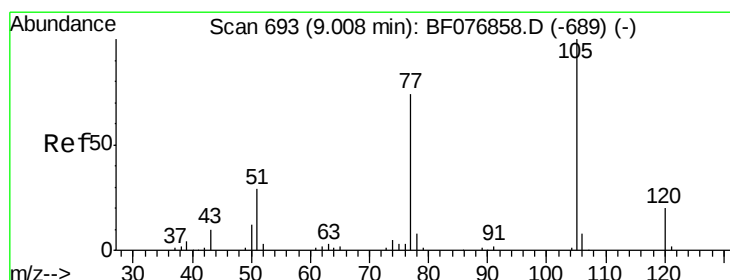
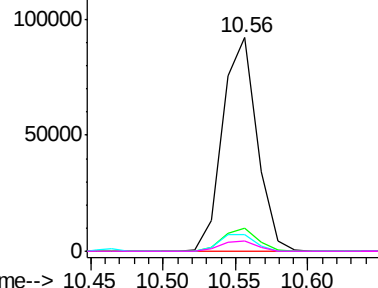


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 17.95 ng

RT: 8.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:105 Resp: 66481

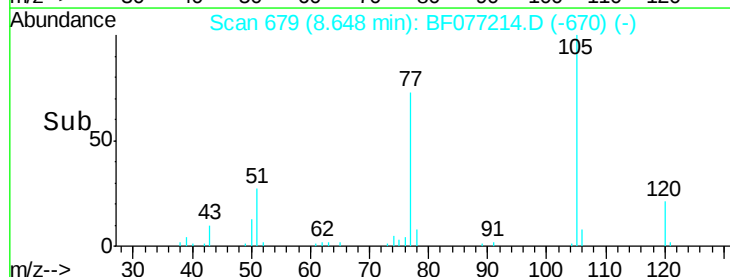
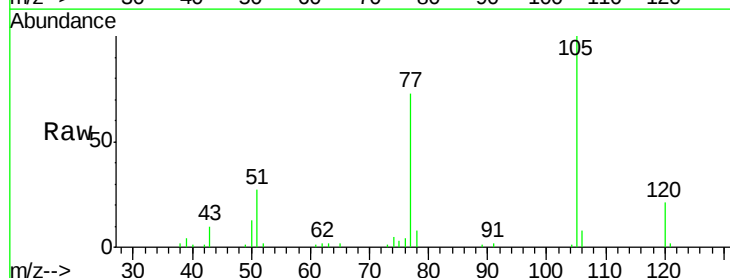
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 26.7 23.3 34.9

120 20.8 16.1 24.1

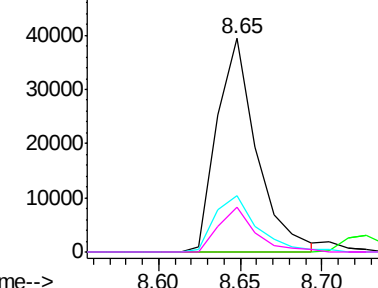


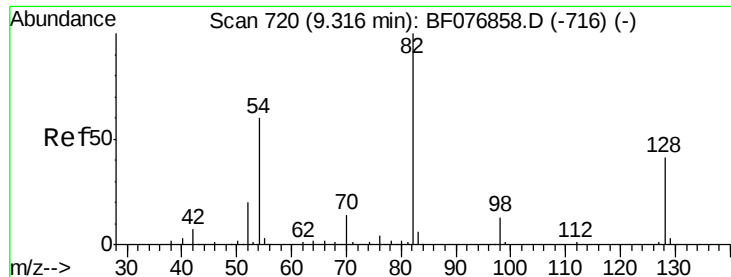
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

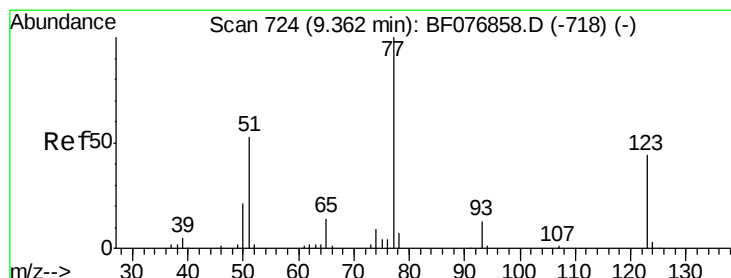
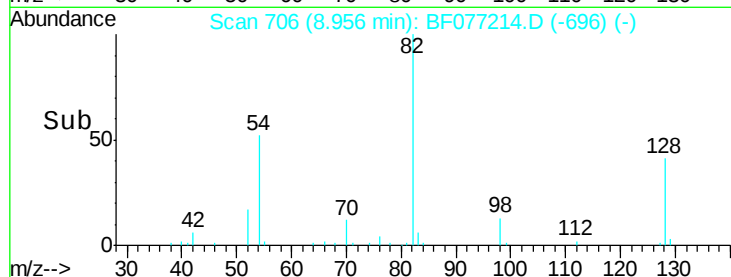
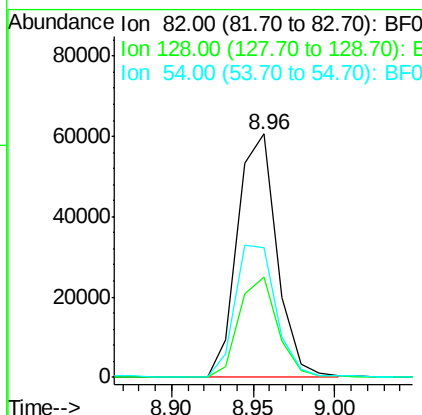
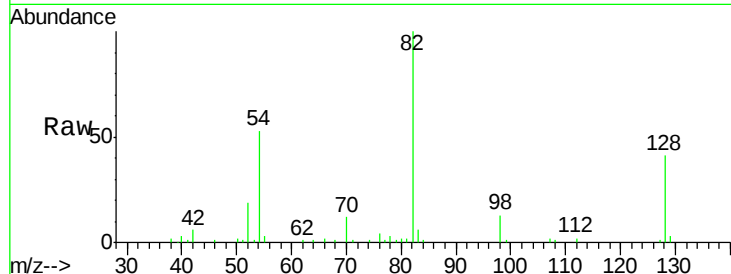




#23
Nitrobenzene-d5
Concen: 37.19 ng
RT: 8.96 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

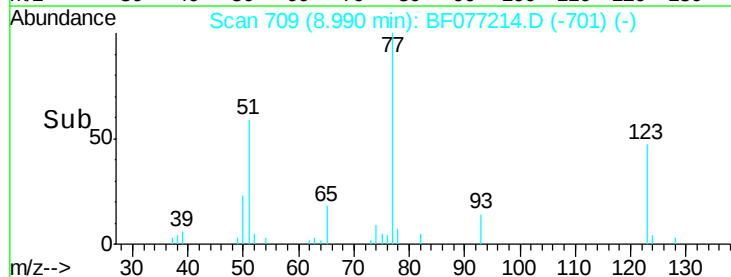
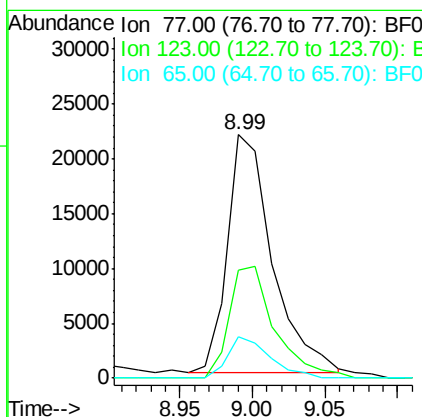
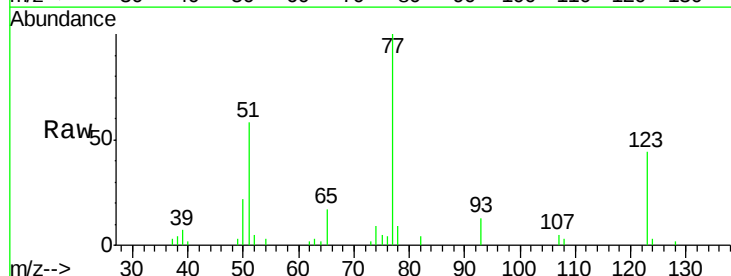
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

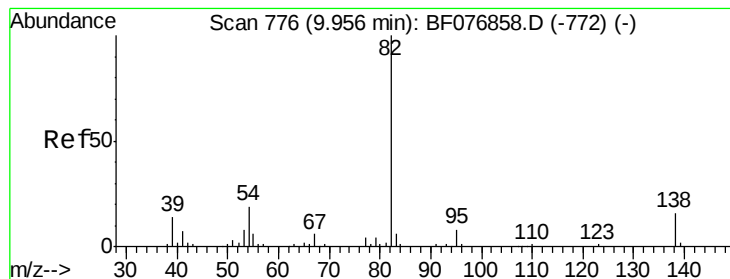
Tot Ion	82	Resp	101510
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.1	49.7
54	53.1	48.3	72.5



#24
Nitrobenzene
Concen: 16.84 ng
RT: 8.99 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion	77	Resp	46815
Ion Ratio	Lower	Upper	
77	100		
123	44.3	35.2	52.8
65	17.2	11.4	17.2





#25

Isophorone

Concen: 18.11 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

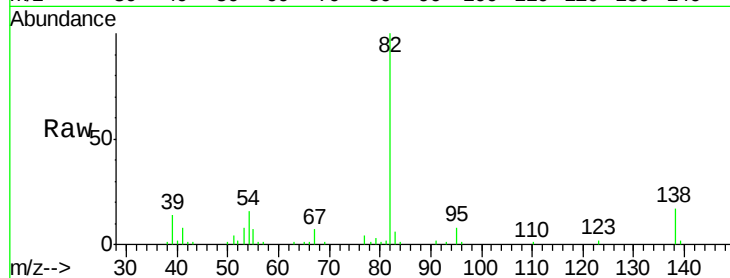
Tot Ion: 82 Resp: 90021

Ion Ratio Lower Upper

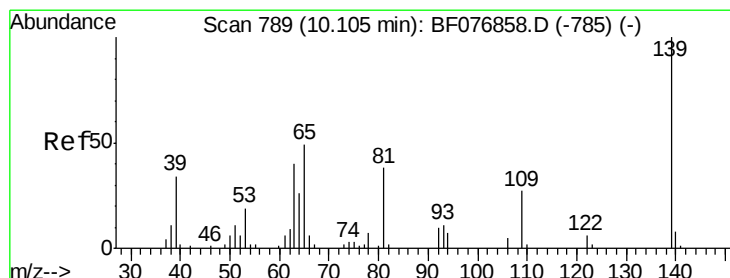
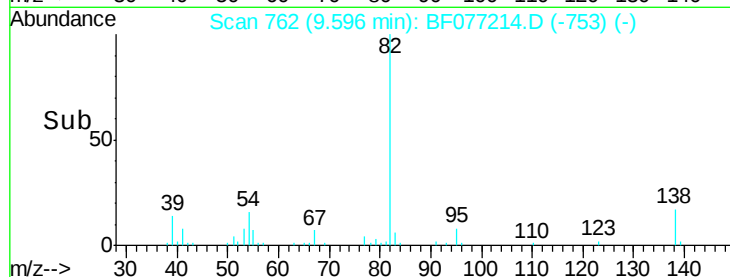
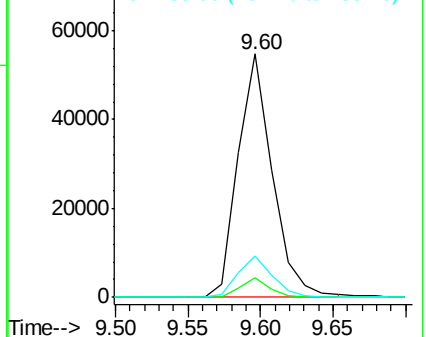
82 100

95 7.9 6.6 10.0

138 17.0 12.6 18.8



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



#26

2-Nitrophenol

Concen: 16.06 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

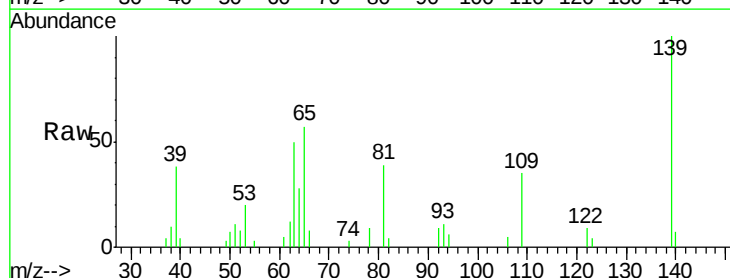
Tgt Ion: 139 Resp: 21126

Ion Ratio Lower Upper

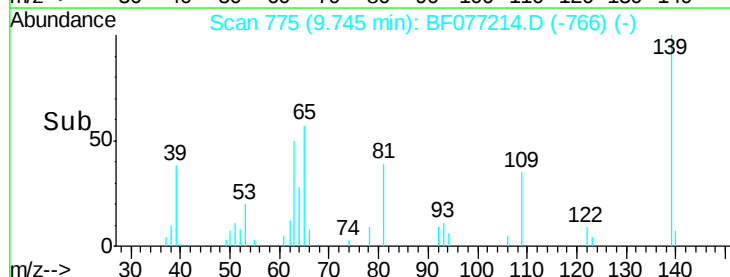
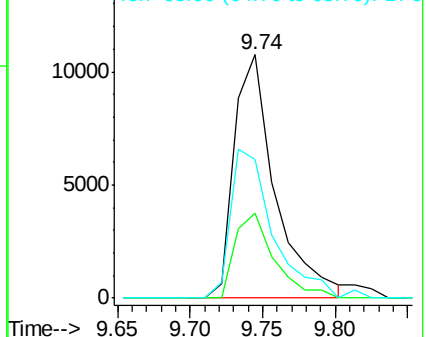
139 100

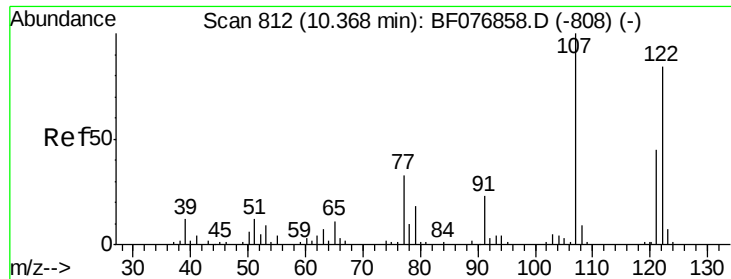
109 35.1 21.3 31.9#

65 57.0 39.4 59.0



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

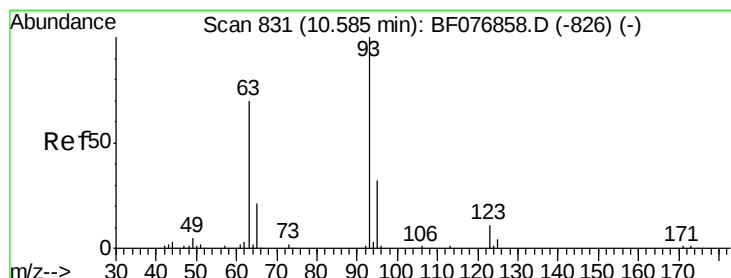
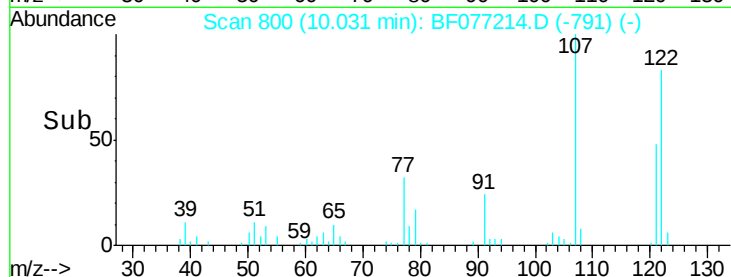
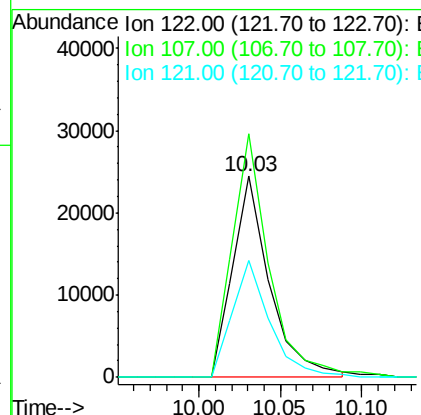
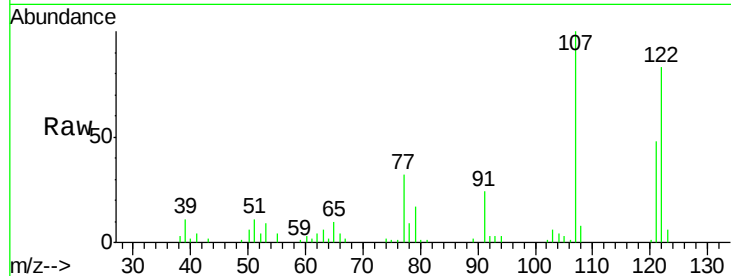




#27
 2,4-Dimethylphenol
 Concen: 17.88 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

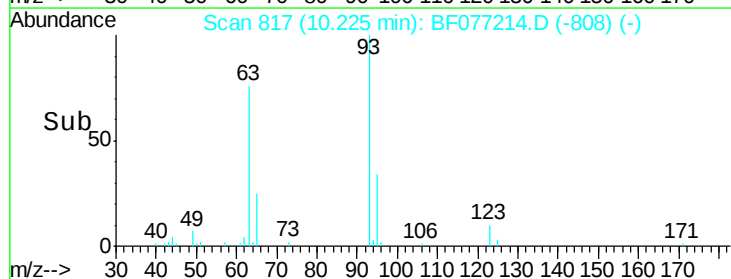
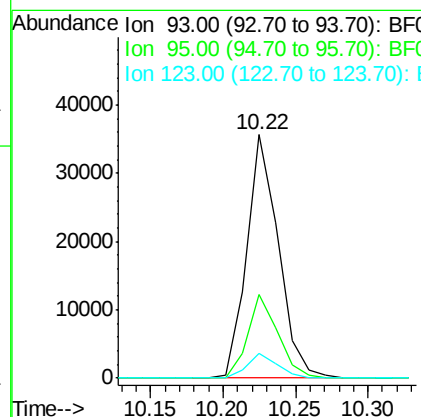
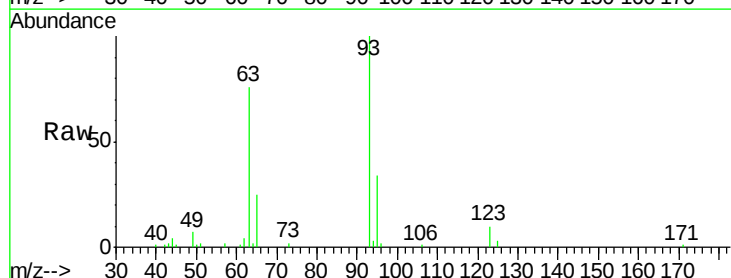
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

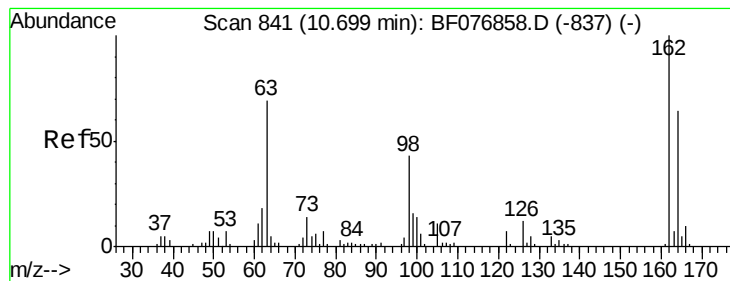
Tot Ion:122 Resp: 38451
 Ion Ratio Lower Upper
 122 100
 107 121.1 95.2 142.8
 121 58.2 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.10 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion: 93 Resp: 53968
 Ion Ratio Lower Upper
 93 100
 95 34.4 25.6 38.4
 123 10.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 15.32 ng

RT: 10.36 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

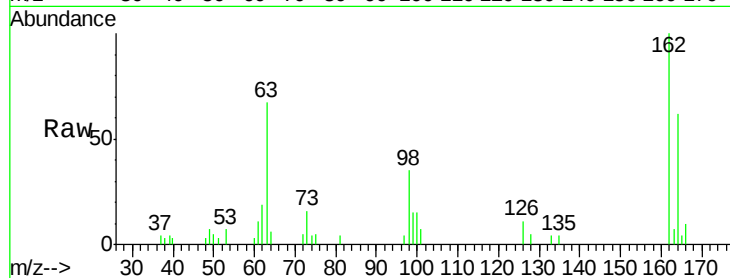
Tot Ion:162 Resp: 30697

Ion Ratio Lower Upper

162 100

164 62.4 43.8 83.8

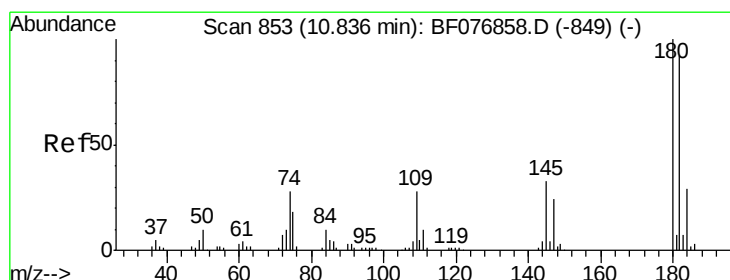
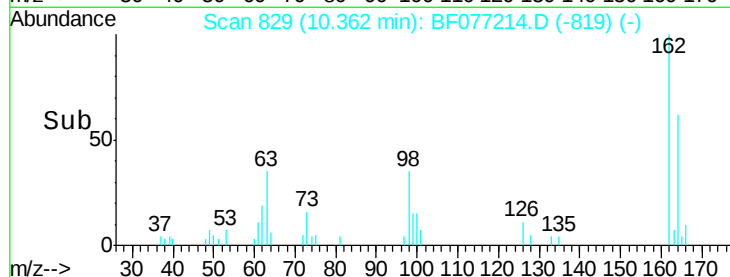
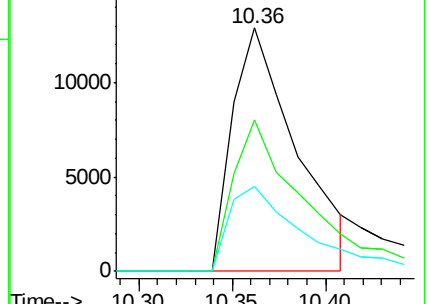
98 35.0 22.5 62.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 17.91 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

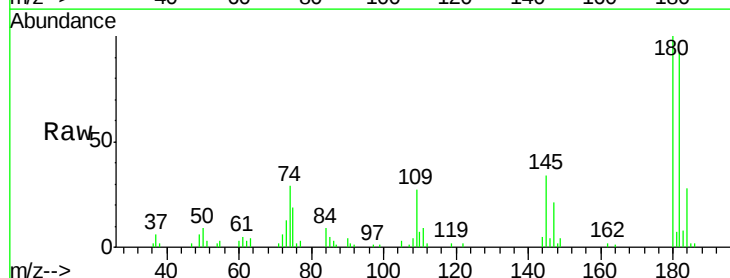
Tgt Ion:180 Resp: 39868

Ion Ratio Lower Upper

180 100

182 92.3 73.6 110.4

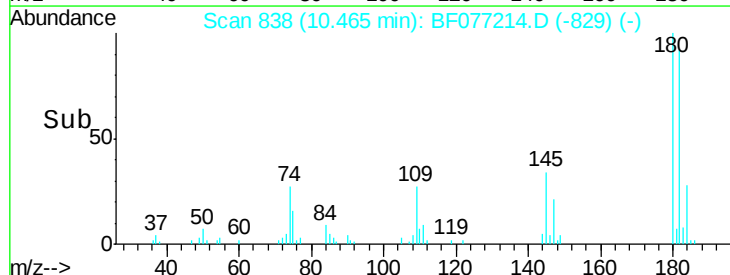
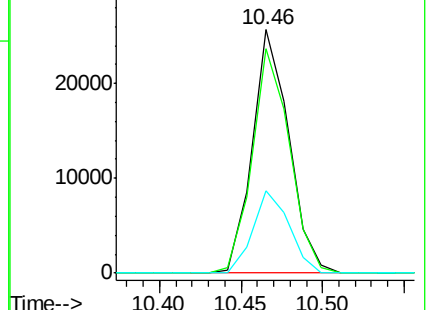
145 33.6 26.6 39.8

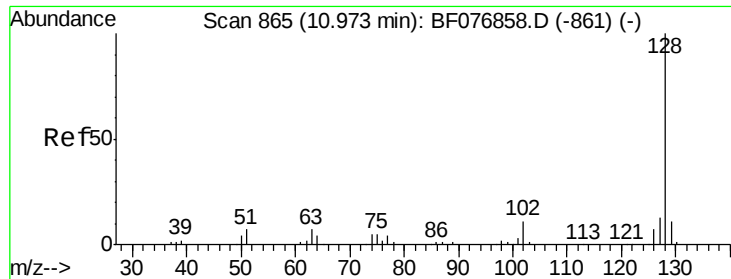


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

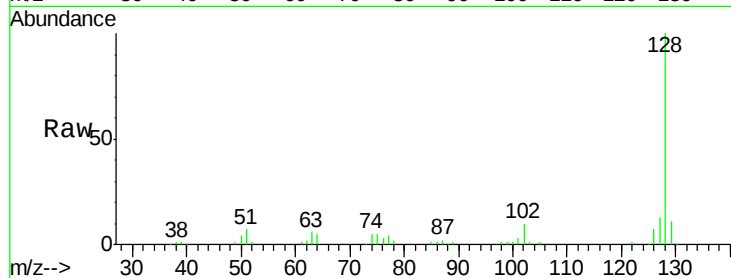




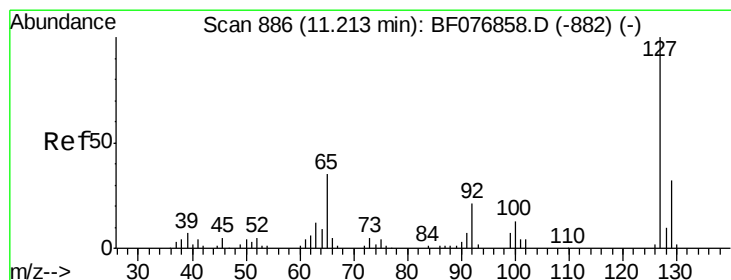
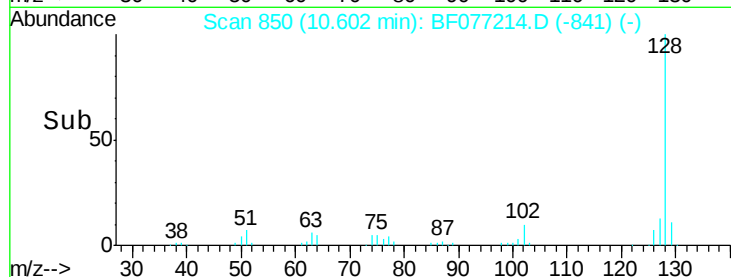
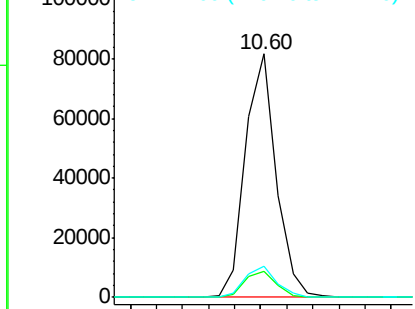
#31
Naphthalene
Concen: 17.28 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:128 Resp: 134481
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.9 10.2 15.2

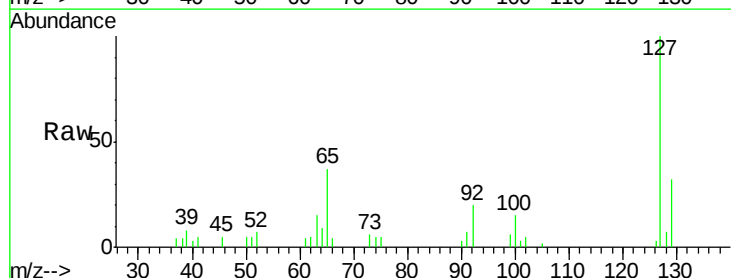


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

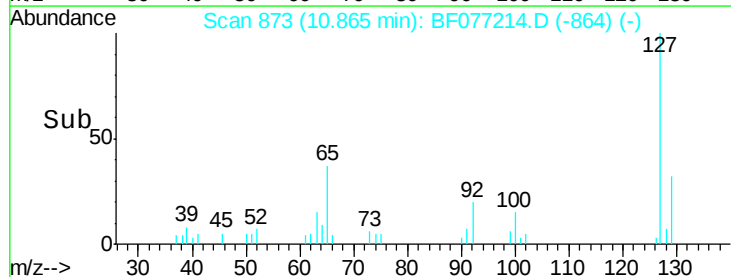
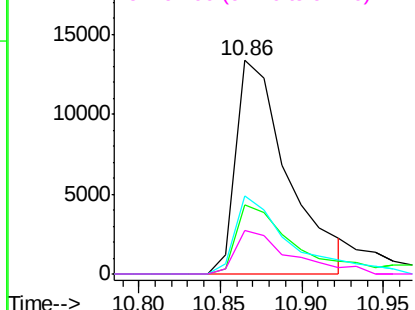


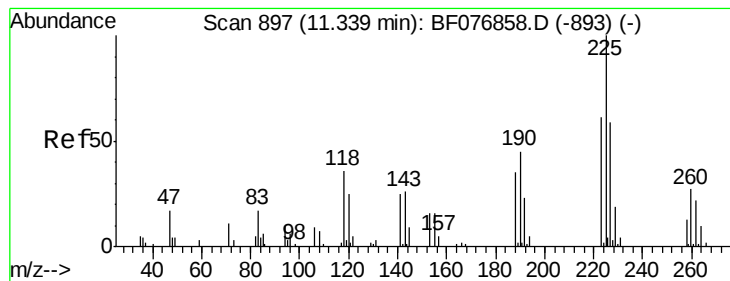
#33
4-Chloroaniline
Concen: 9.40 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:127 Resp: 29559
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9
65 36.6 27.8 41.6
92 20.5 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: 16.70 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

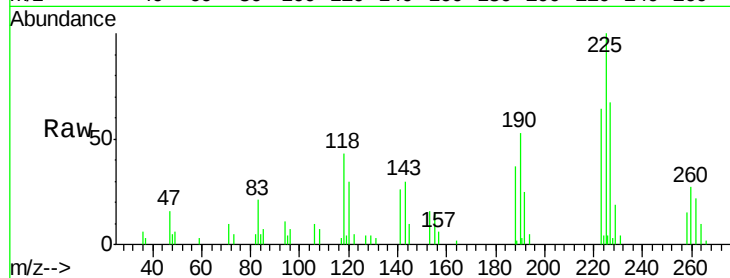
Tot Ion:225 Resp: 22056

Ion Ratio Lower Upper

225 100

223 64.0 49.1 73.7

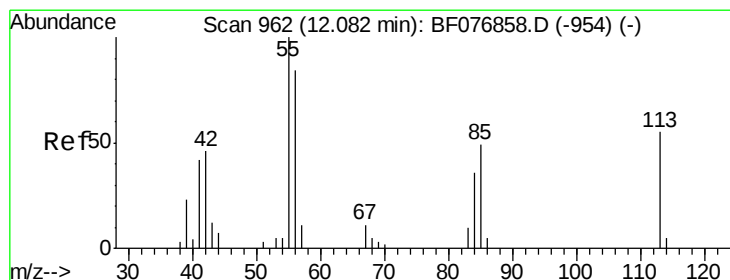
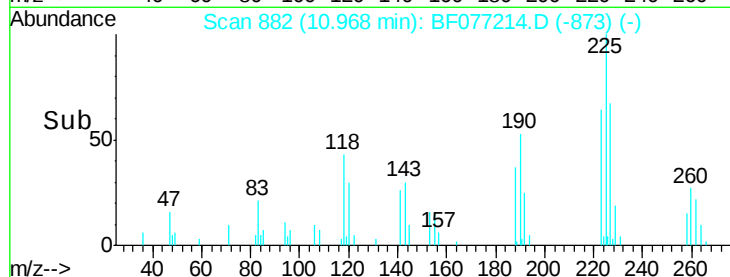
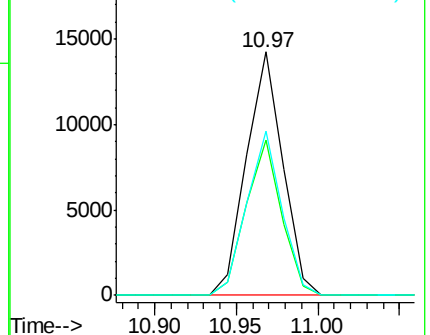
227 67.4 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 16.71 ng

RT: 11.69 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

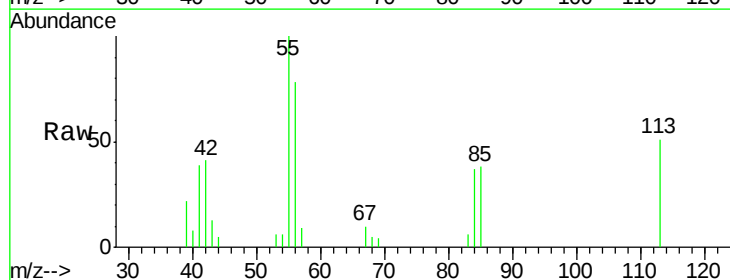
Tgt Ion:113 Resp: 9859

Ion Ratio Lower Upper

113 100

55 196.5 162.1 202.1

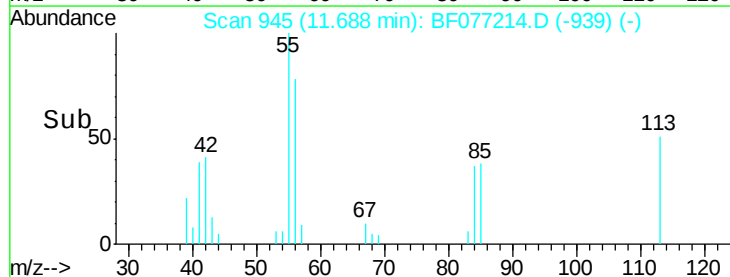
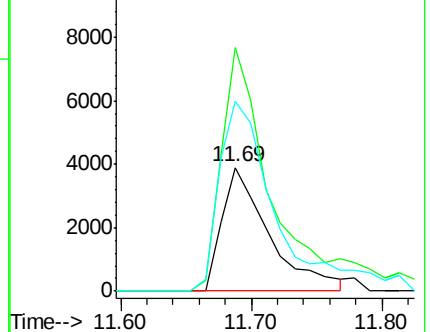
56 153.2 133.7 173.7

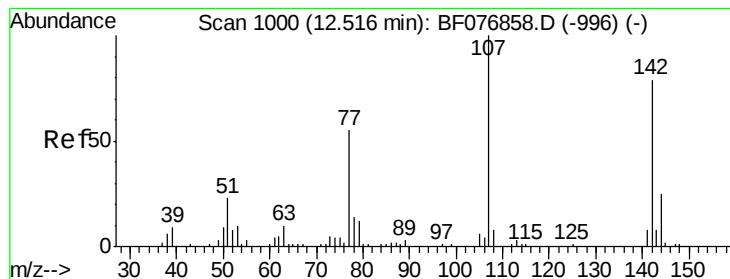


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 17.03 ng

RT: 12.18 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

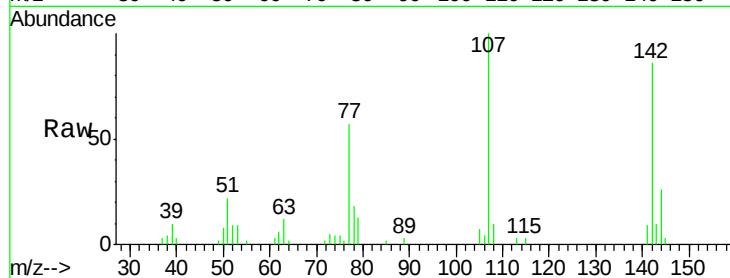
Tot Ion:107 Resp: 39073

Ion Ratio Lower Upper

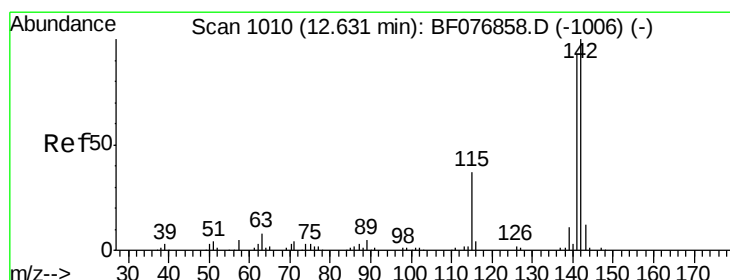
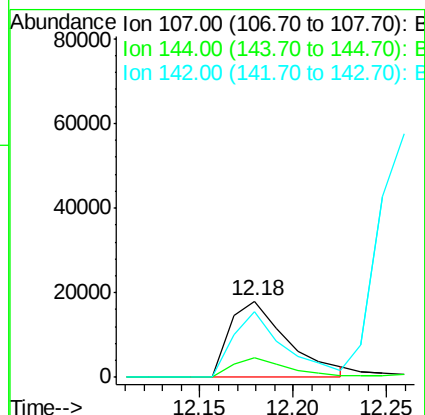
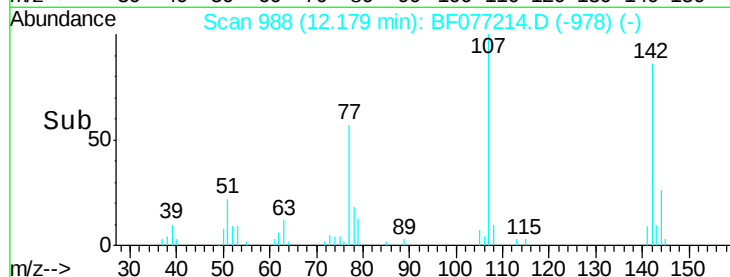
107 100

144 26.2 20.0 30.0

142 85.5 63.5 95.3



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



#37

2-Methylnaphthalene

Concen: 17.89 ng

RT: 12.26 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

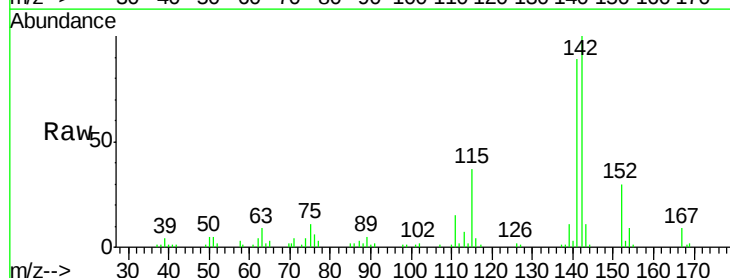
Tgt Ion:142 Resp: 95105

Ion Ratio Lower Upper

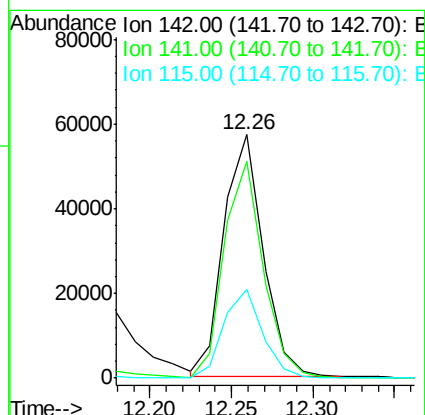
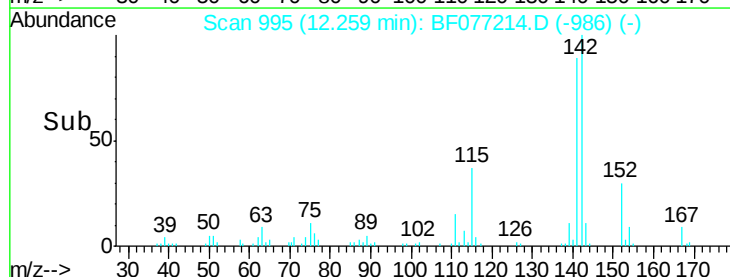
142 100

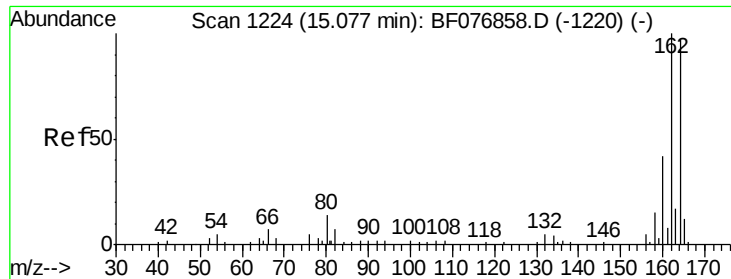
141 89.0 74.5 111.7

115 36.7 29.7 44.5



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

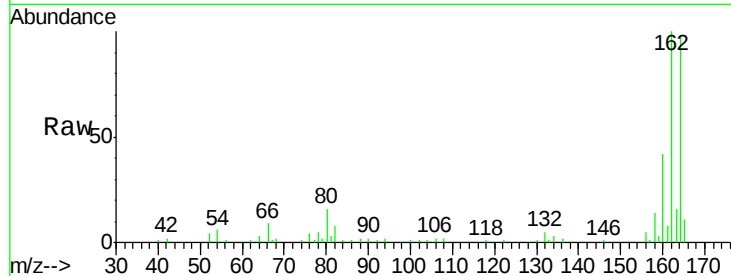
Tot Ion:164 Resp: 82220

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

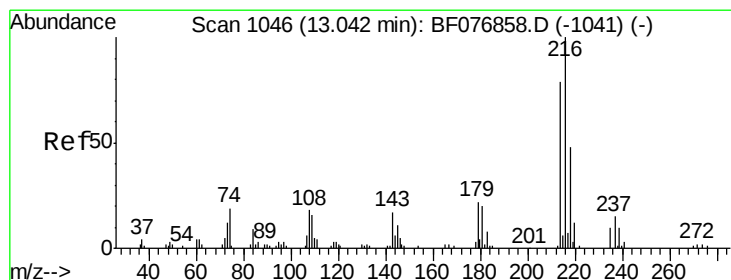
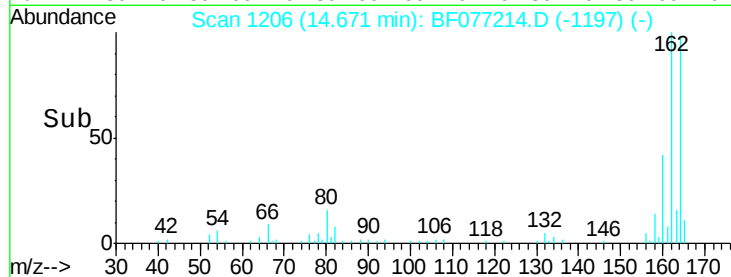
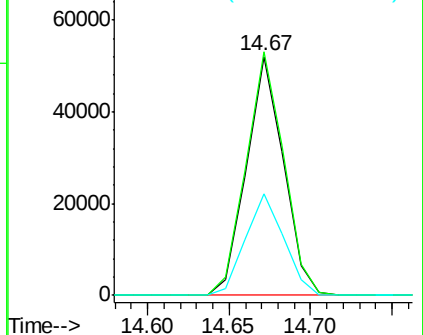
160 42.5 34.8 52.2



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: 18.53 ng

RT: 12.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Tgt Ion:216 Resp: 37668

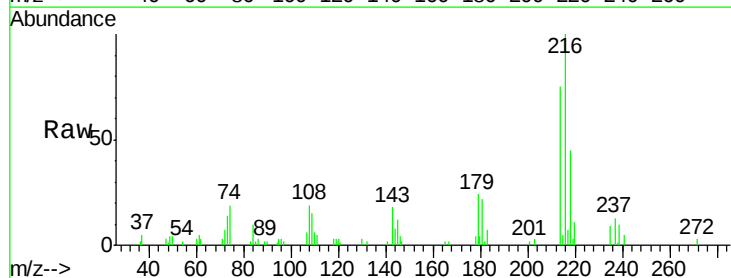
Ion Ratio Lower Upper

216 100

214 75.8 64.9 97.3

179 22.5 18.6 28.0

108 23.4 18.1 27.1

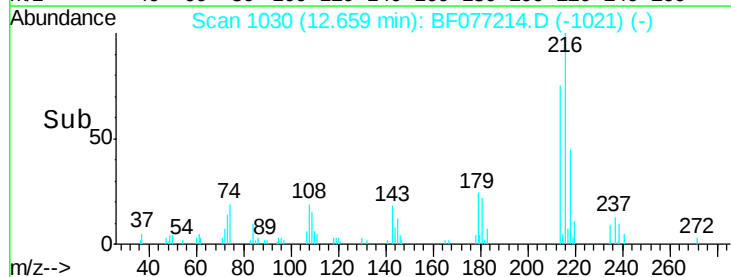
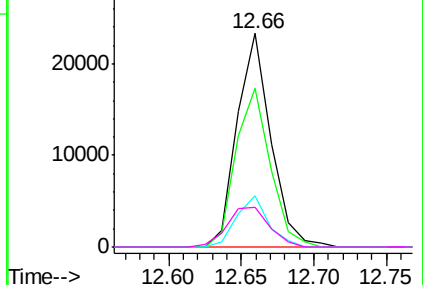


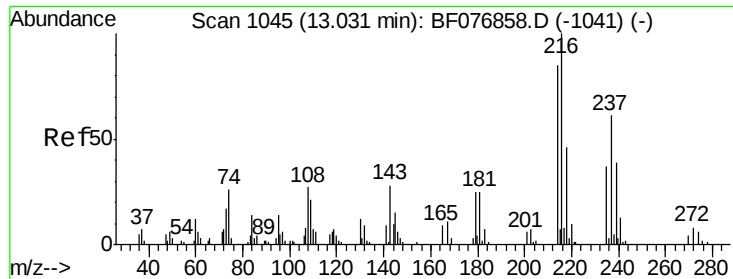
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

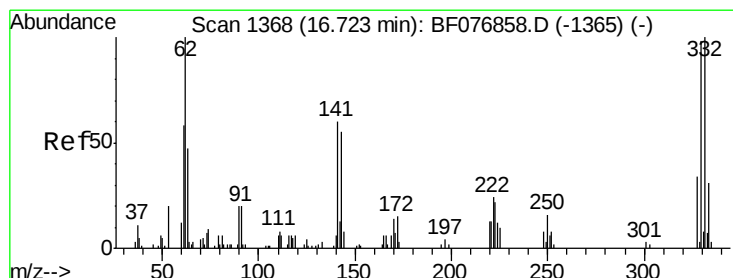
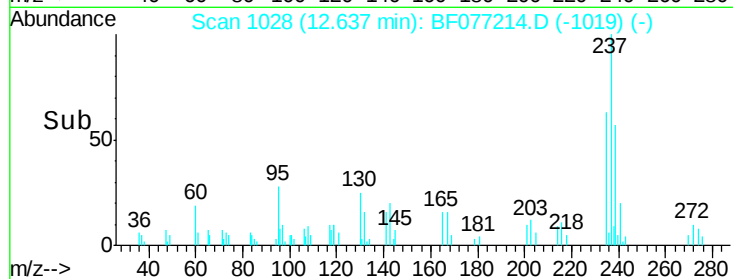
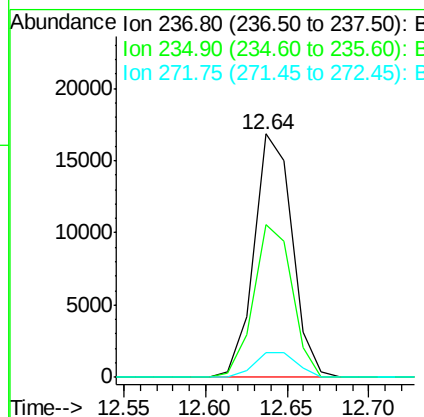
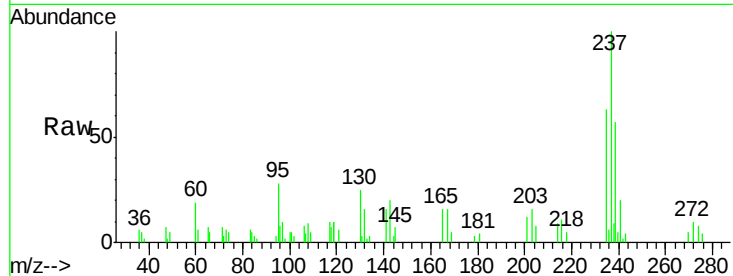




#40
Hexachlorocyclopentadiene
Concen: 28.17 ng
RT: 12.64 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

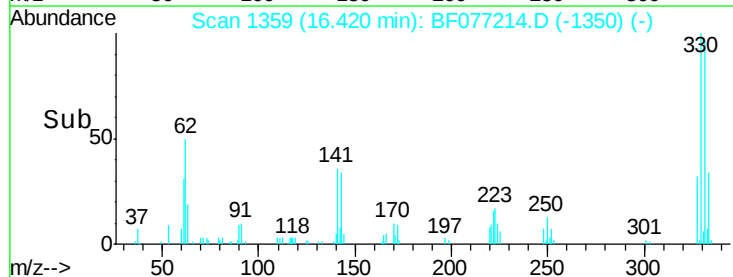
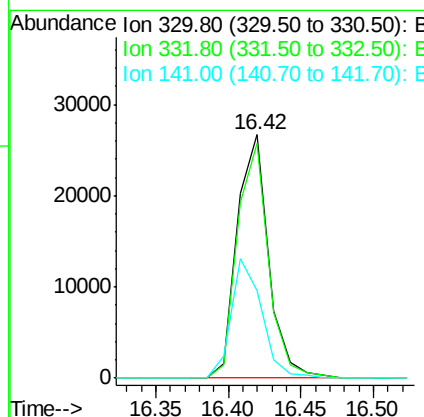
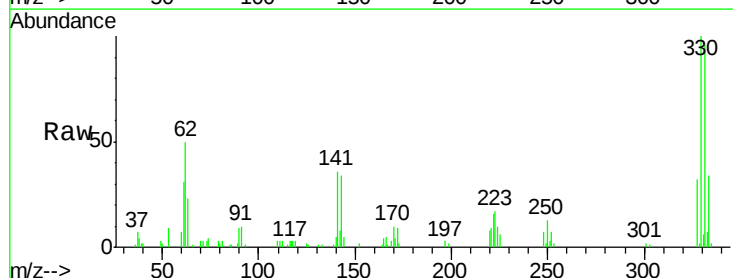
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

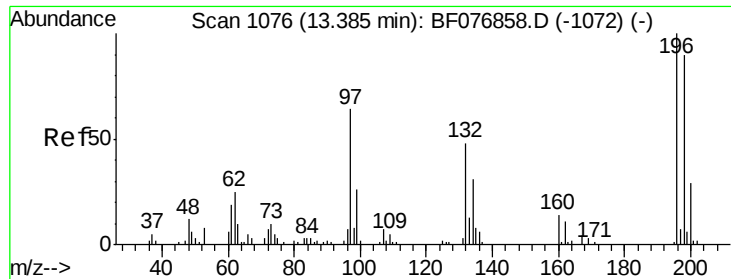
Tot Ion:237 Resp: 27385
Ion Ratio Lower Upper
237 100
235 62.7 40.4 80.4
272 9.9 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 60.18 ng
RT: 16.42 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:330 Resp: 40165
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.6
141 47.8 38.5 57.7

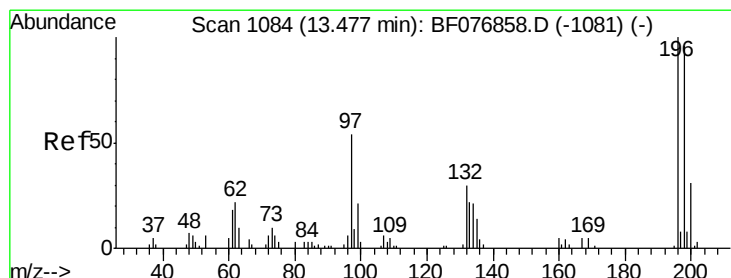
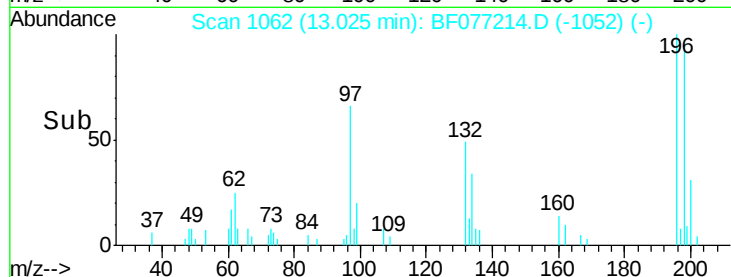
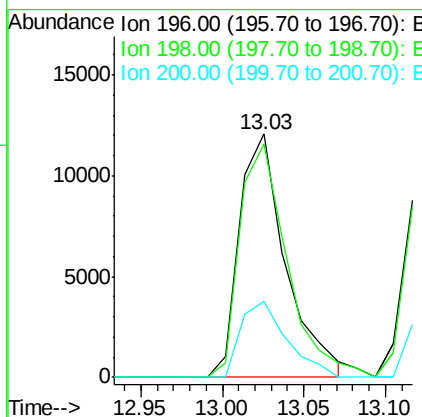
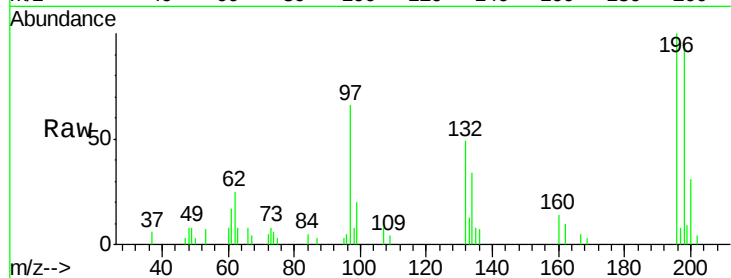




#42
 2,4,6-Trichlorophenol
 Concen: 16.05 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

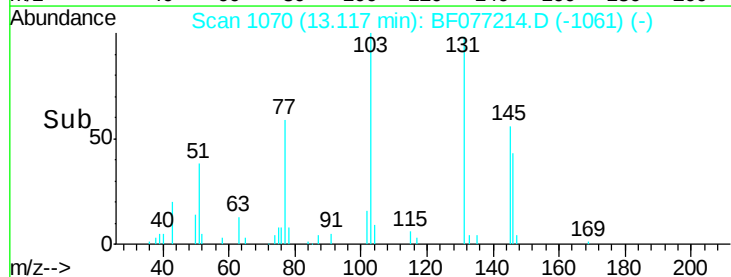
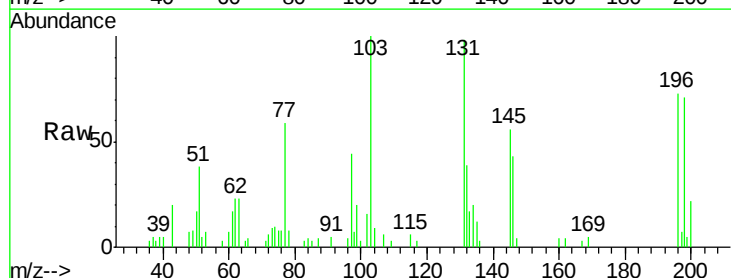
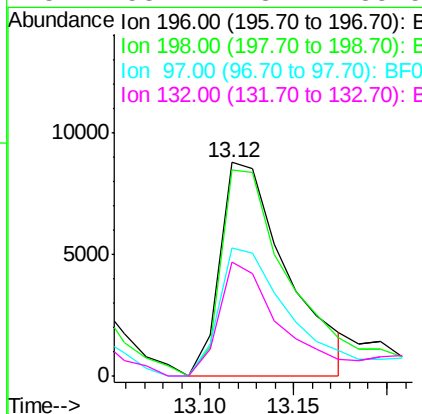
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

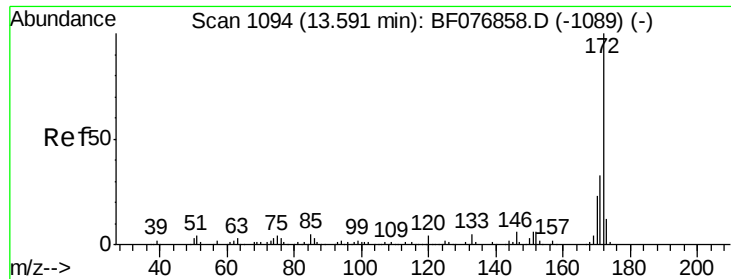
Tot Ion:196 Resp: 23769
 Ion Ratio Lower Upper
 196 100
 198 95.9 72.0 108.0
 200 31.2 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 14.58 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion:196 Resp: 22024
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 115.0
 97 59.7 43.4 65.0
 132 53.1 23.7 35.5#

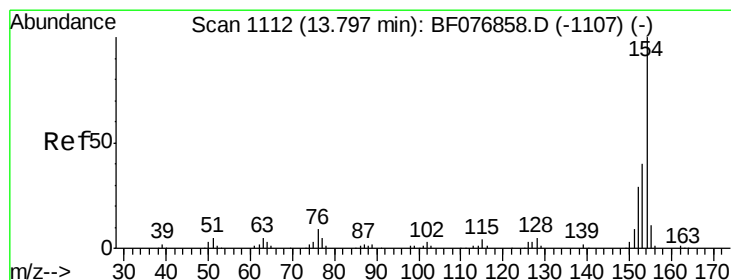
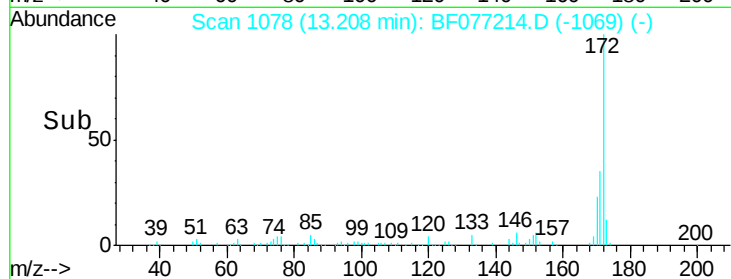
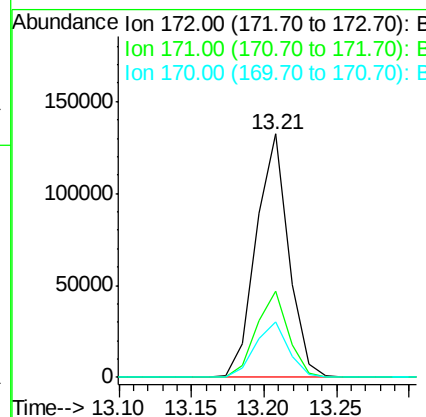
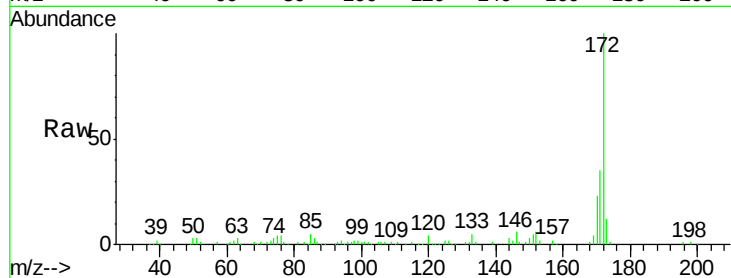




#44
2-Fluorobiphenyl
Concen: 38.00 ng
RT: 13.21 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

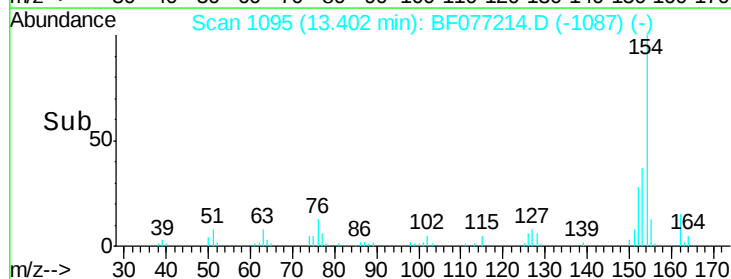
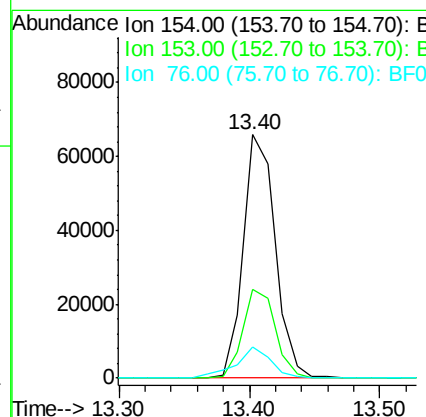
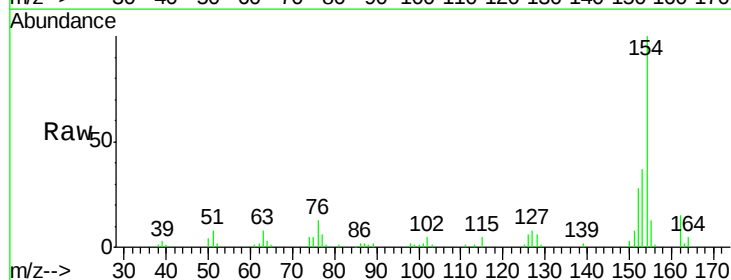
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

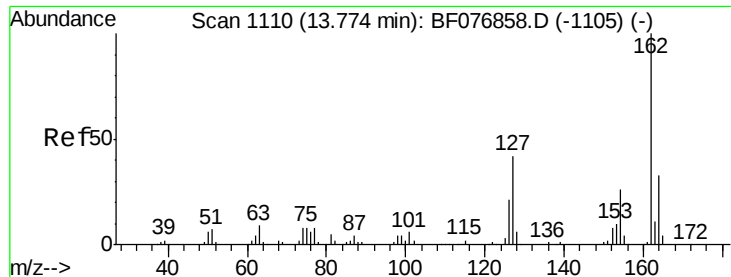
Tot Ion:172 Resp: 205327
Ion Ratio Lower Upper
172 100
171 35.5 26.6 40.0
170 22.8 18.0 27.0



#45
1,1'-Biphenyl
Concen: 18.39 ng
RT: 13.40 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:154 Resp: 112078
Ion Ratio Lower Upper
154 100
153 36.7 20.2 60.2
76 12.6 0.0 29.0

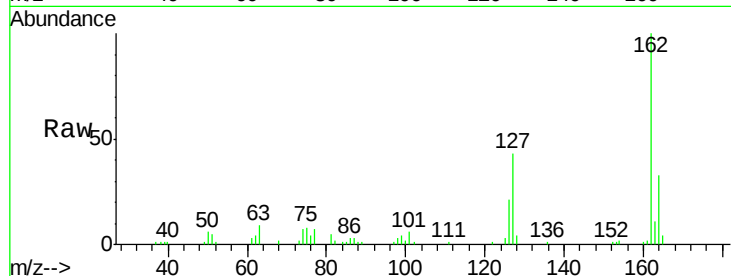




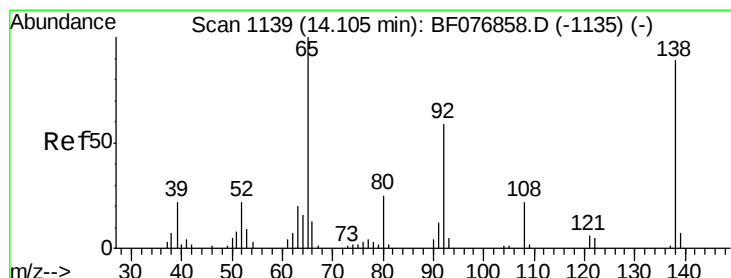
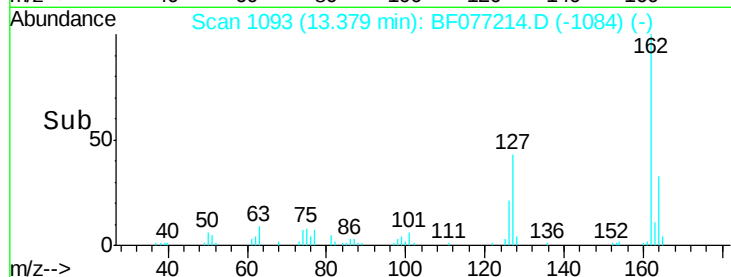
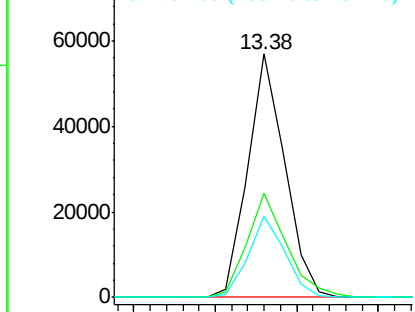
#46
2-Chloronaphthalene
Concen: 17.95 ng
RT: 13.38 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:162 Resp: 90044
Ion Ratio Lower Upper
162 100
127 42.9 33.8 50.6
164 33.2 26.8 40.2

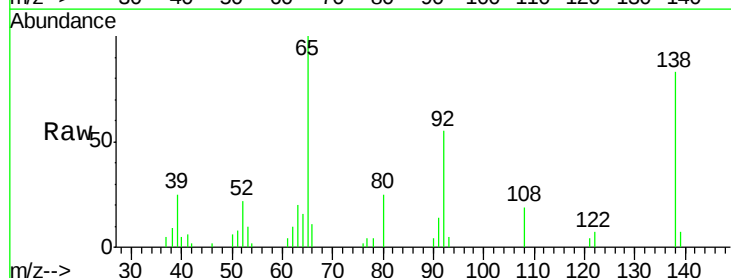


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

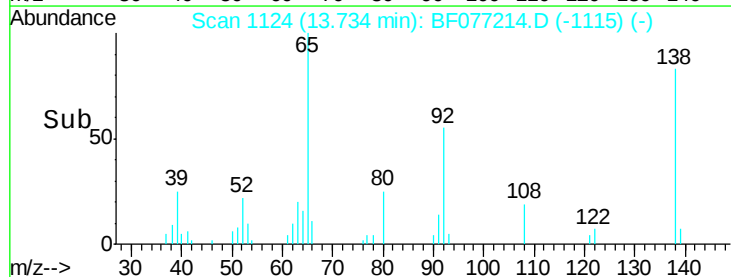
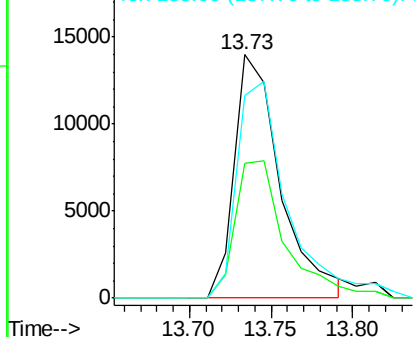


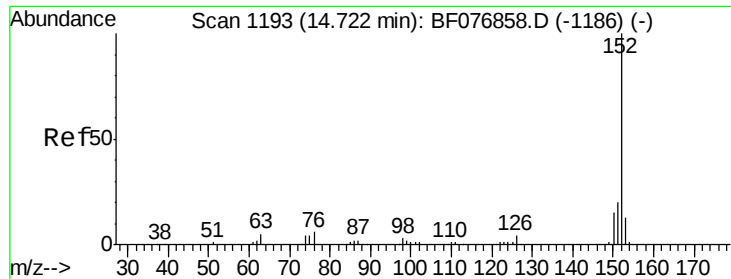
#47
2-Nitroaniline
Concen: 18.06 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion: 65 Resp: 27473
Ion Ratio Lower Upper
65 100
92 55.2 47.3 70.9
138 83.2 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: 17.07 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

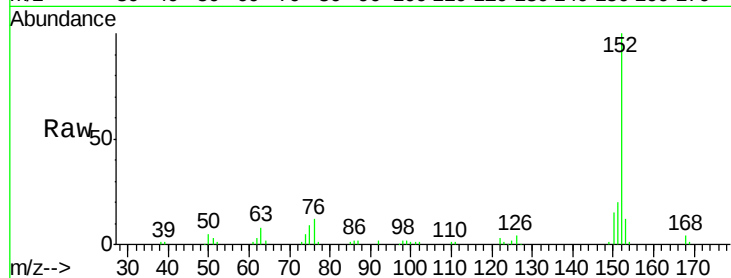
Tot Ion:152 Resp: 144458

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

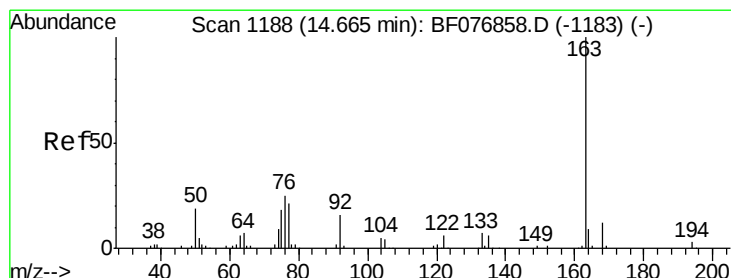
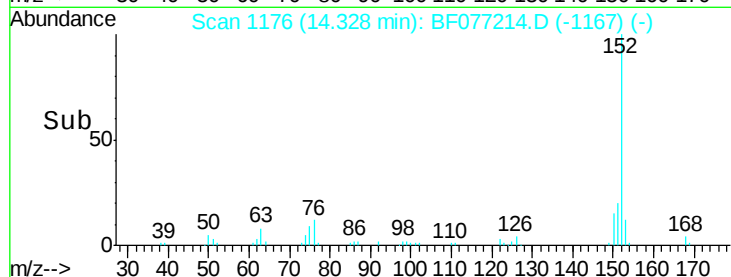
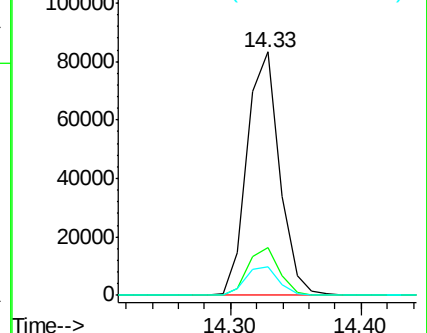
153 12.0 10.2 15.4



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: 19.91 ng

RT: 14.28 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

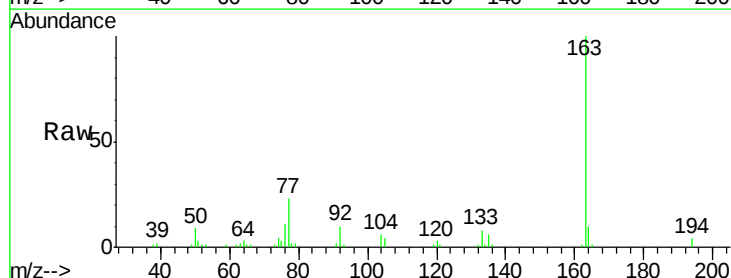
Tgt Ion:163 Resp: 116112

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

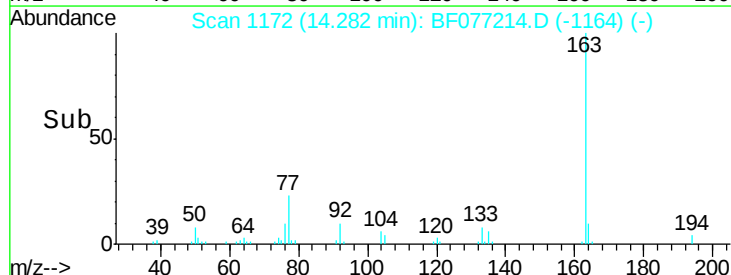
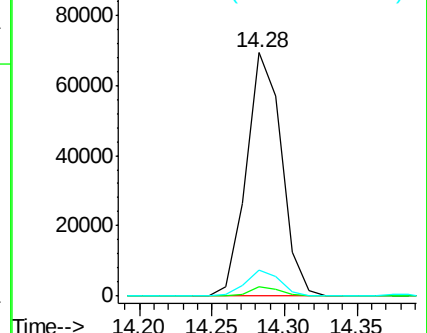
164 10.5 7.5 11.3

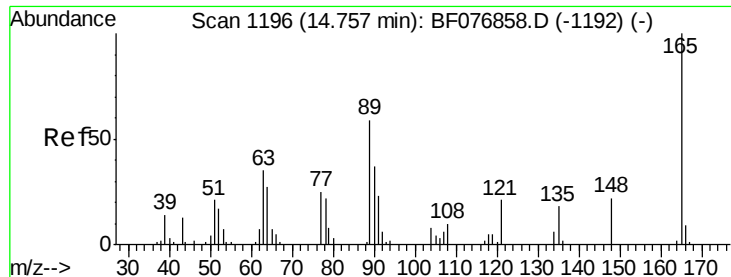


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

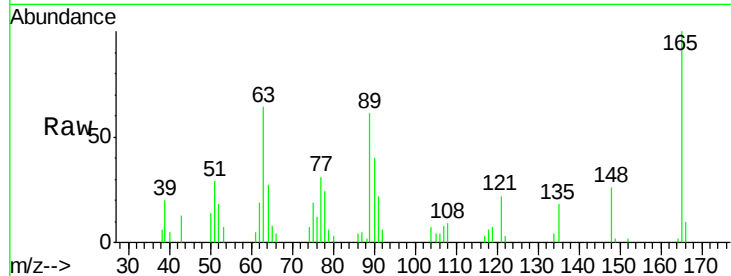




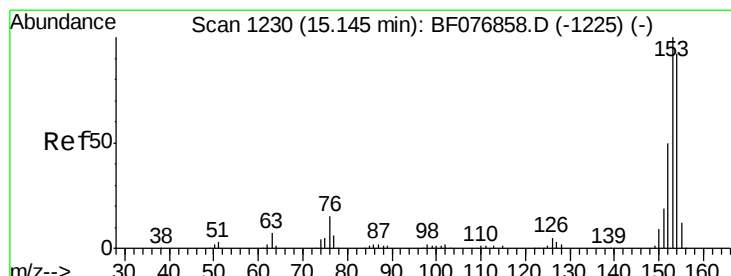
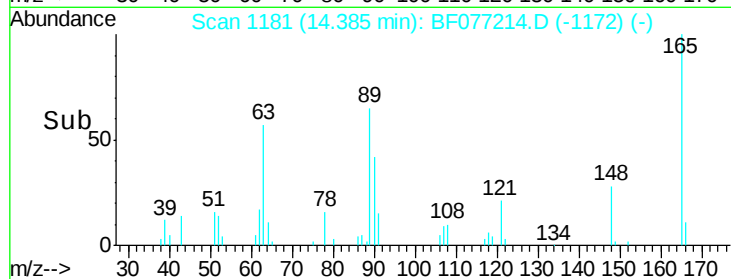
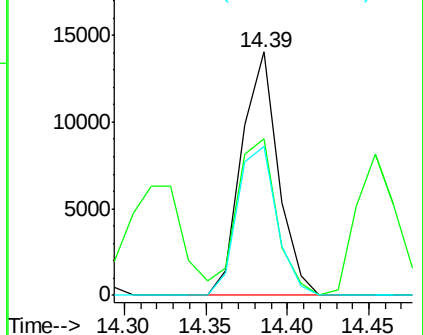
#50
 2,6-Dinitrotoluene
 Concen: 18.68 ng
 RT: 14.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:165 Resp: 21756
 Ion Ratio Lower Upper
 165 100
 63 64.1 48.1 72.1
 89 61.3 47.2 70.8

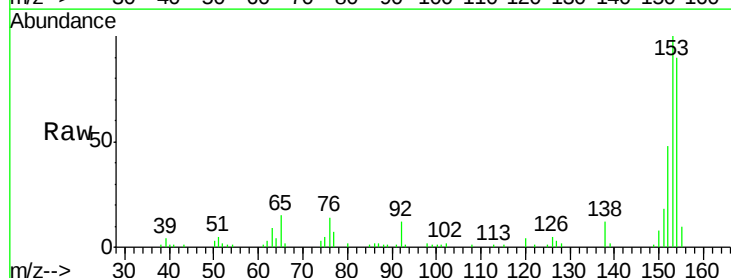


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

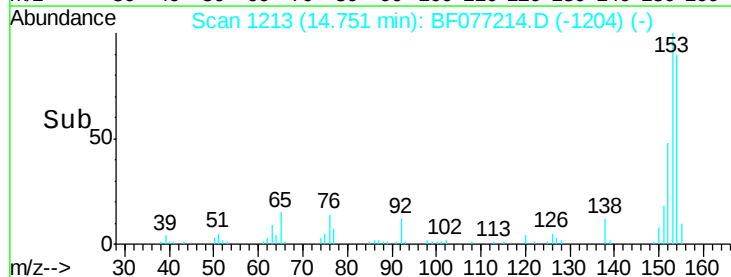
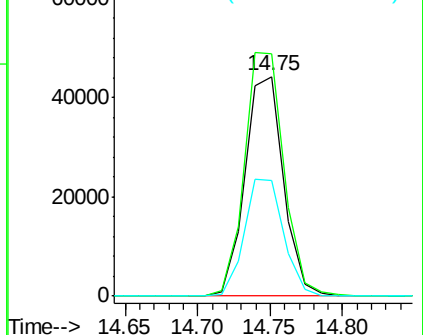


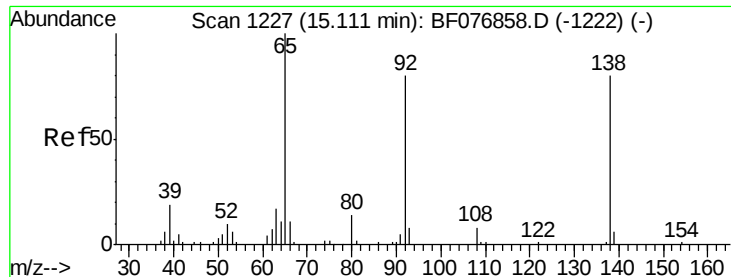
#51
 Acenaphthene
 Concen: 16.96 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion:154 Resp: 81428
 Ion Ratio Lower Upper
 154 100
 153 110.5 87.0 130.6
 152 52.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

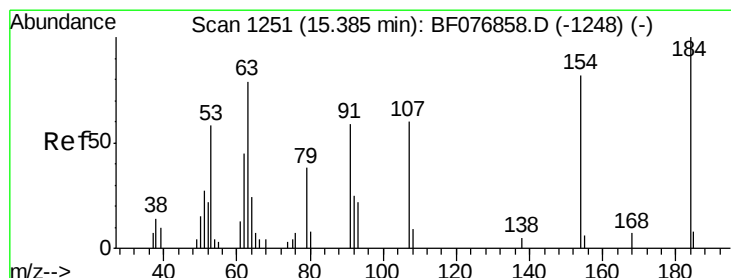
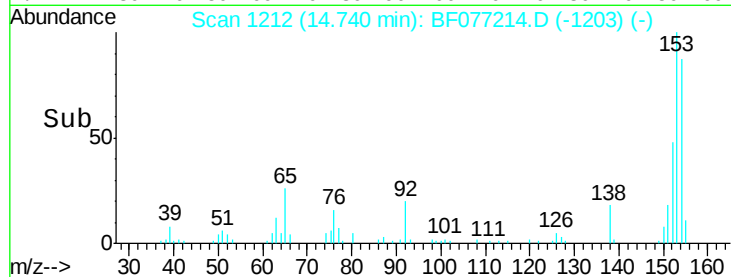
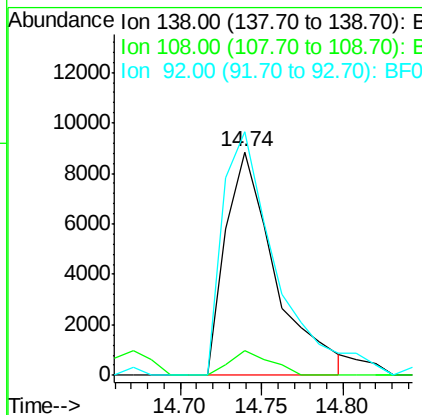
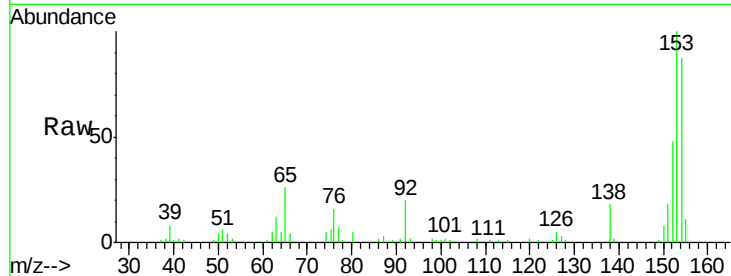




#52
3-Nitroaniline
Concen: 13.64 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

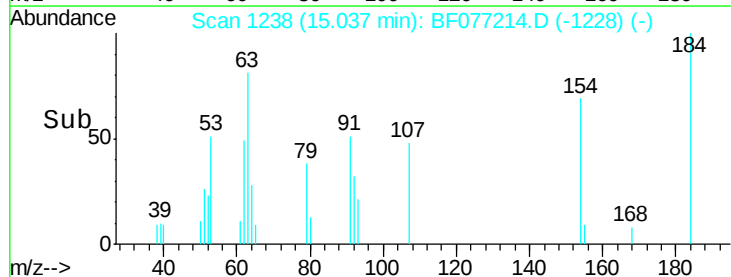
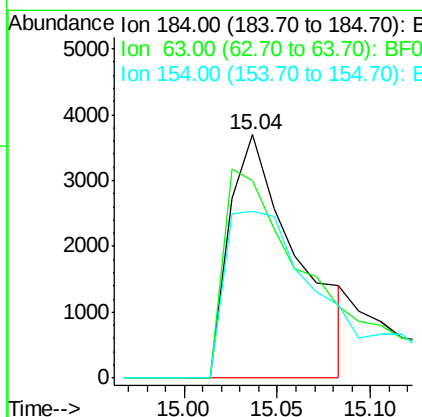
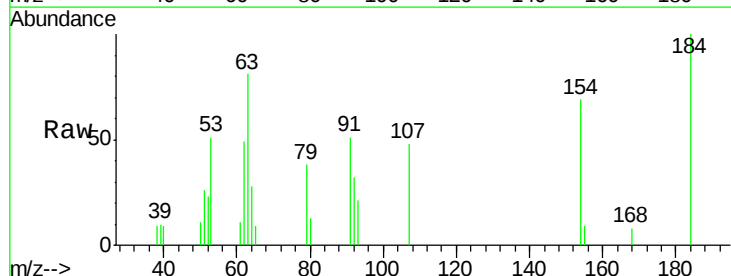
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

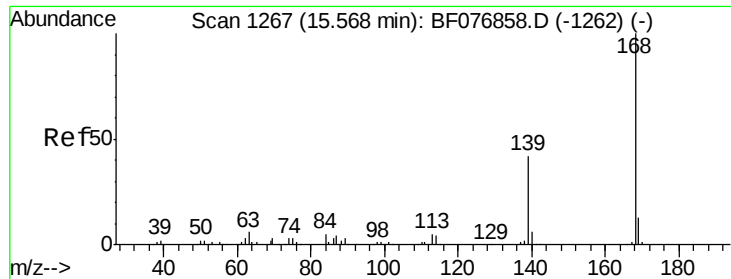
Tot Ion:138 Resp: 18700
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 109.0 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 26.42 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:184 Resp: 9402
Ion Ratio Lower Upper
184 100
63 81.0 63.0 94.6
154 68.6 65.5 98.3





#54

Dibenzenofuran

Concen: 17.70 ng

RT: 15.17 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

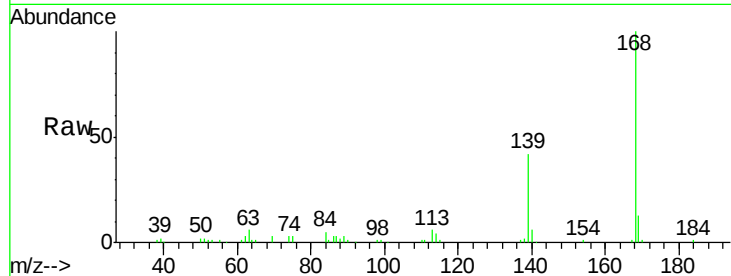
Tot Ion:168 Resp: 123753

Ion Ratio Lower Upper

168 100

139 41.6 33.4 50.2

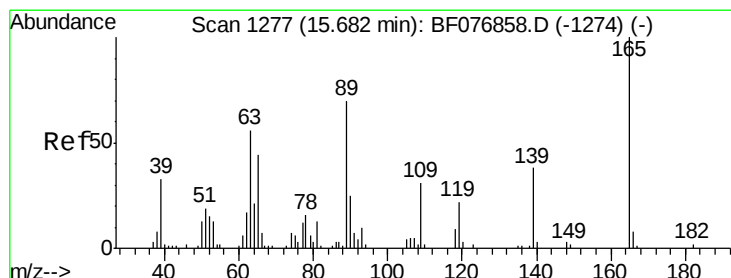
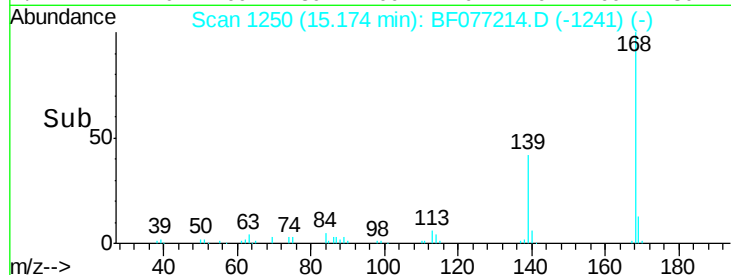
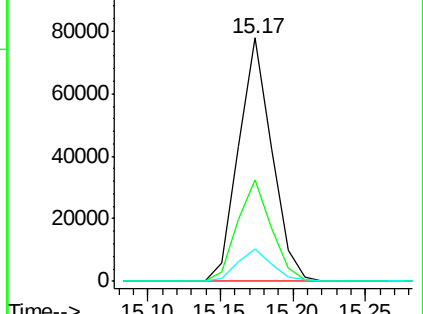
169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 18.29 ng

RT: 15.37 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

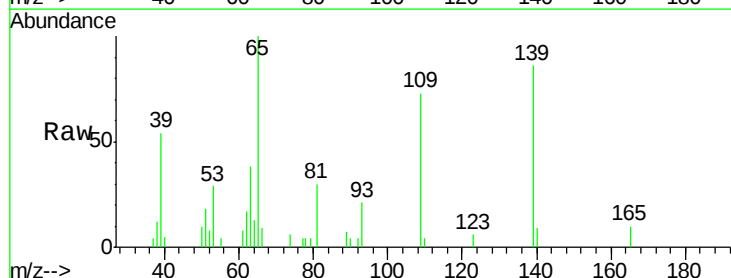
Tgt Ion:139 Resp: 16720

Ion Ratio Lower Upper

139 100

109 85.2 61.0 101.0

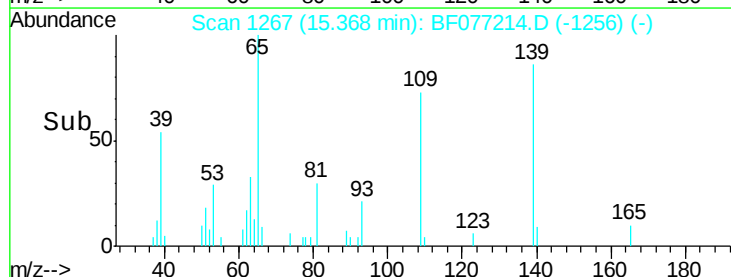
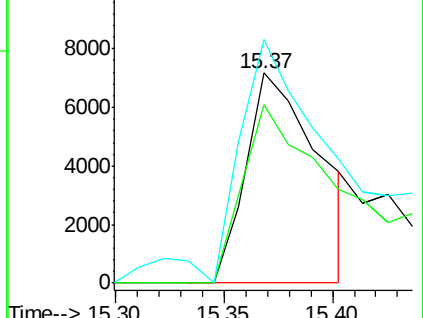
65 116.1 96.6 136.6

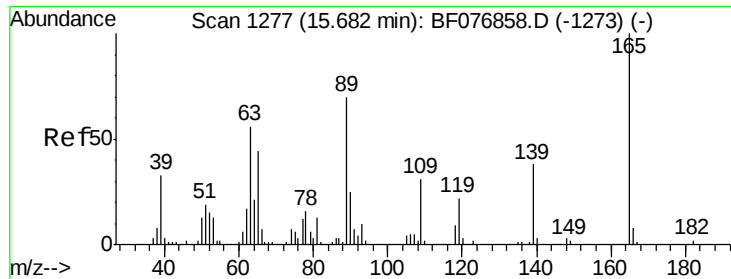


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

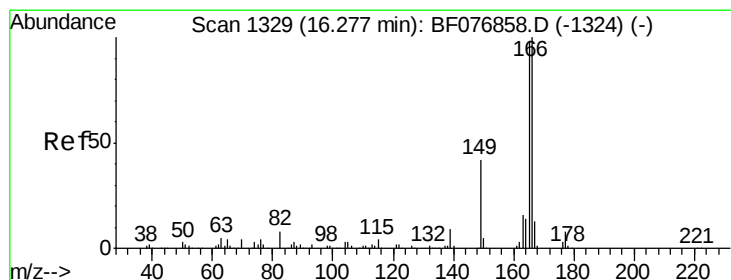
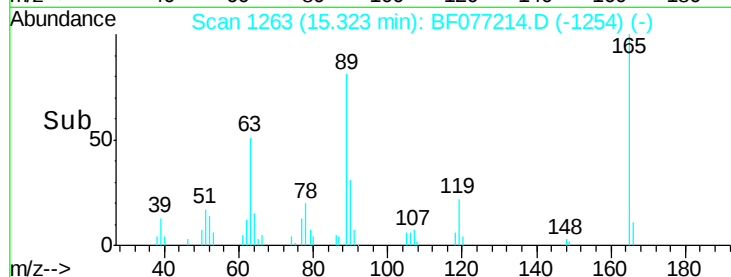
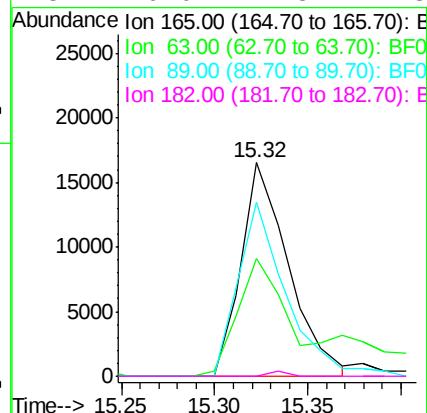
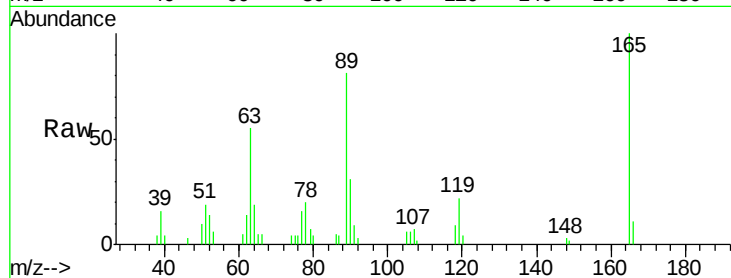




#56
2,4-Dinitrotoluene
Concen: 18.14 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

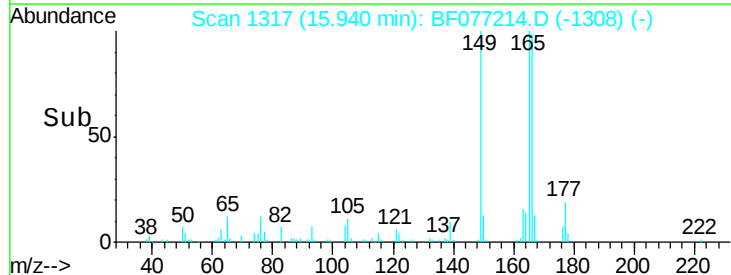
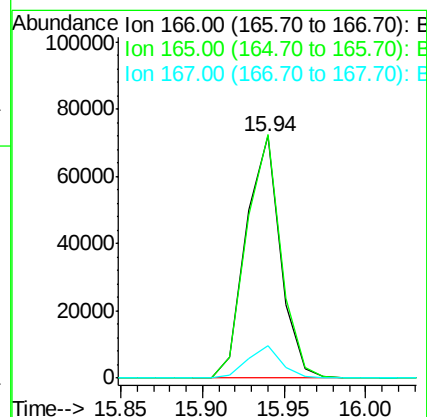
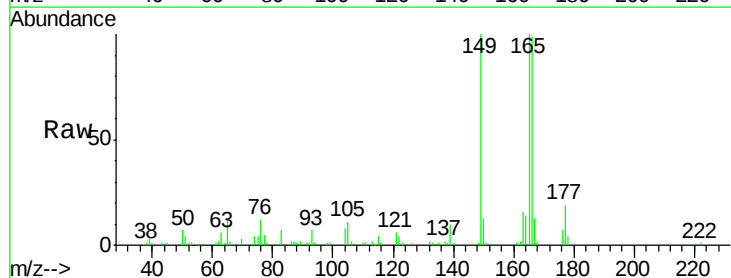
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

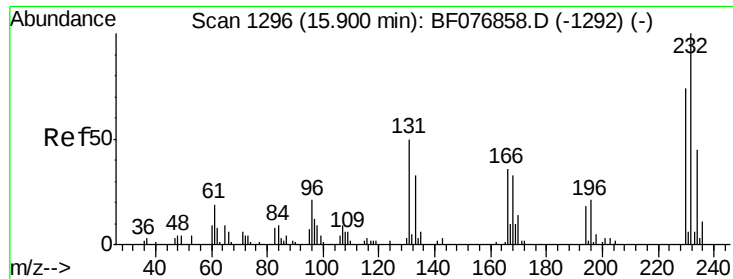
Tot Ion:165 Resp: 29283
Ion Ratio Lower Upper
165 100
63 55.3 44.8 67.2
89 81.2 56.2 84.2
182 0.0 1.5 2.3#



#57
Fluorene
Concen: 17.78 ng
RT: 15.94 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:166 Resp: 105361
Ion Ratio Lower Upper
166 100
165 100.5 78.5 117.7
167 13.3 10.4 15.6

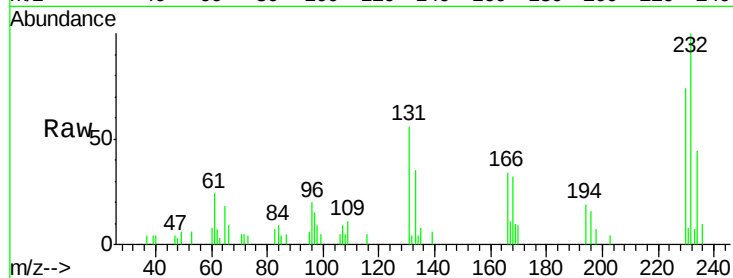




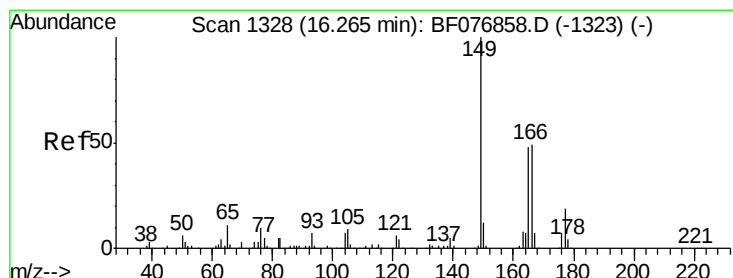
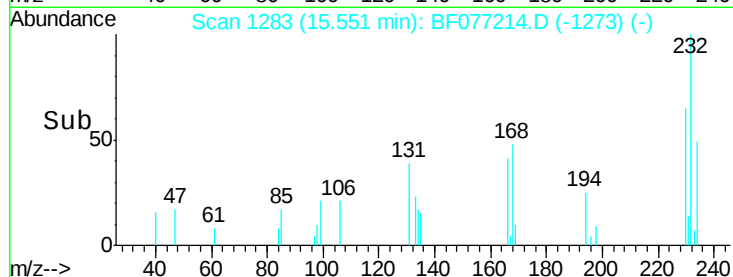
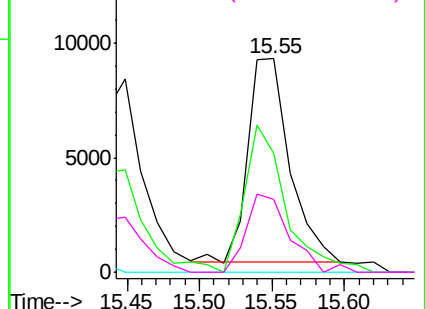
#58
2,3,4,6-Tetrachlorophenol
Concen: 16.23 ng
RT: 15.55 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:232 Resp: 17854
Ion Ratio Lower Upper
232 100
131 60.0 45.0 67.6
130 0.0 2.6 3.8#
166 38.6 30.9 46.3

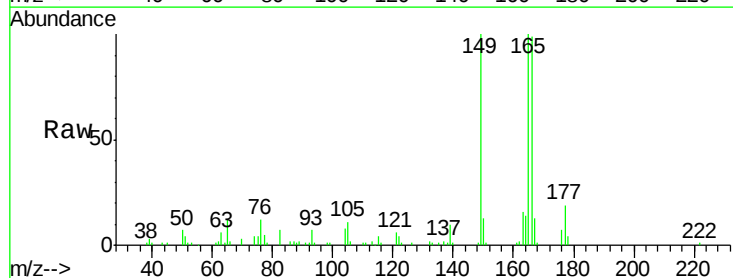


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

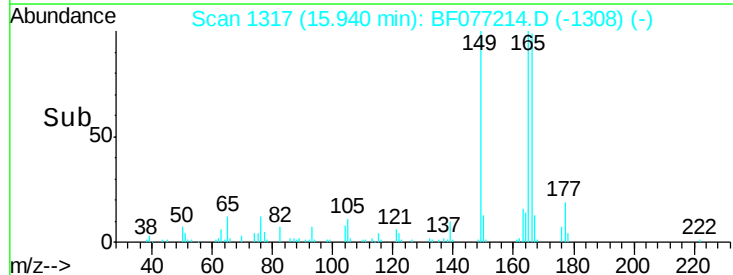
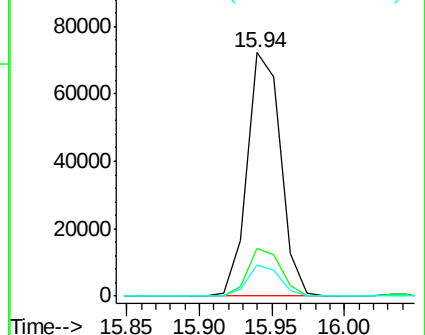


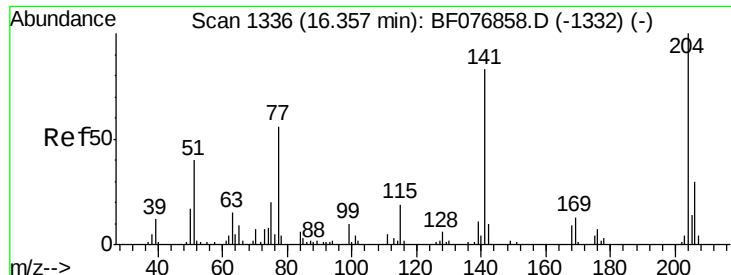
#59
Diethylphthalate
Concen: 19.60 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:149 Resp: 115493
Ion Ratio Lower Upper
149 100
177 19.4 15.0 22.6
150 12.8 9.4 14.0



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

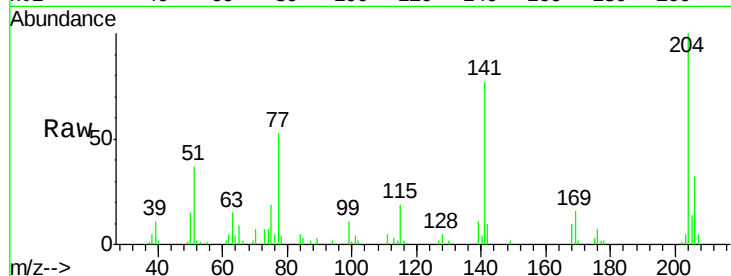




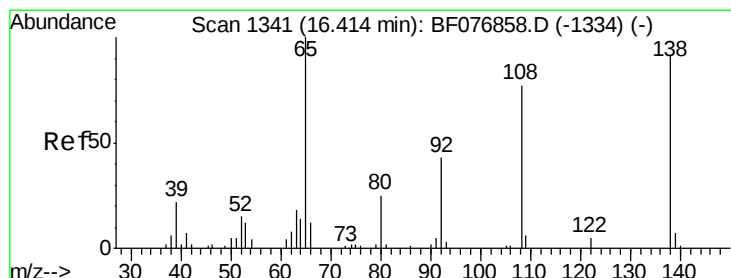
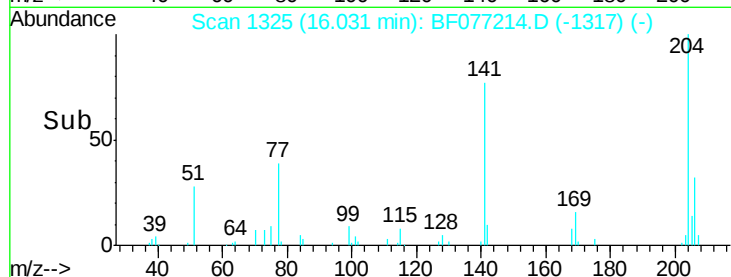
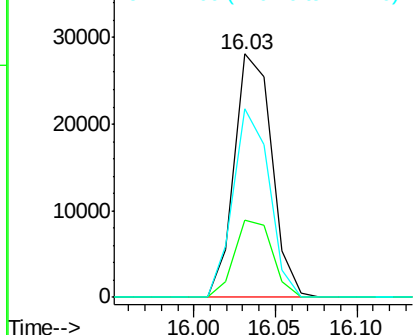
#60
4-Chlorophenyl-phenylether
Concen: 18.40 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:204 Resp: 44588
Ion Ratio Lower Upper
204 100
206 31.7 24.2 36.2
141 77.3 66.7 100.1

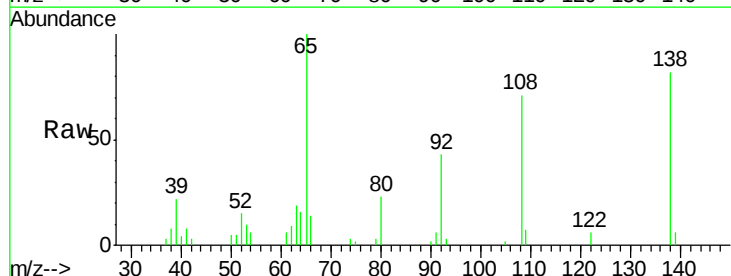


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

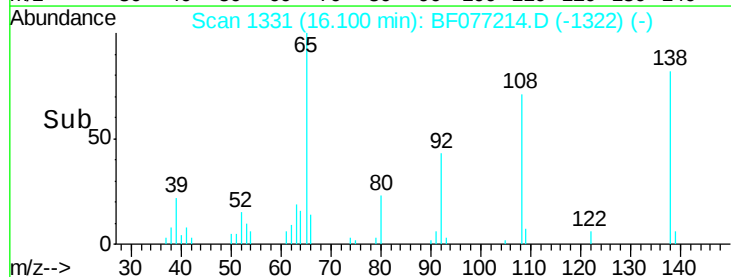
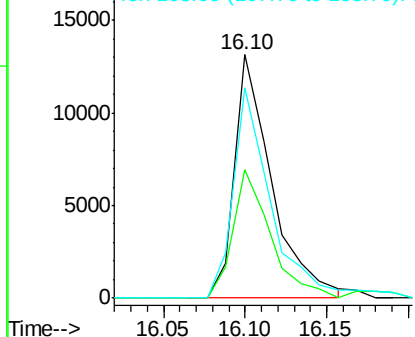


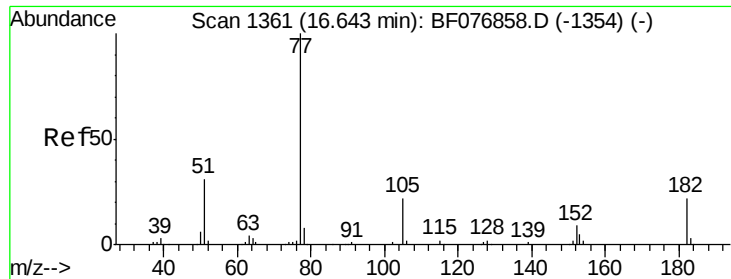
#61
4-Nitroaniline
Concen: 15.13 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:138 Resp: 20743
Ion Ratio Lower Upper
138 100
92 52.7 26.7 66.7
108 86.5 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: 17.77 ng

RT: 16.33 min Scan# 1351

Delta R.T. -0.03 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion: 77 Resp: 109125

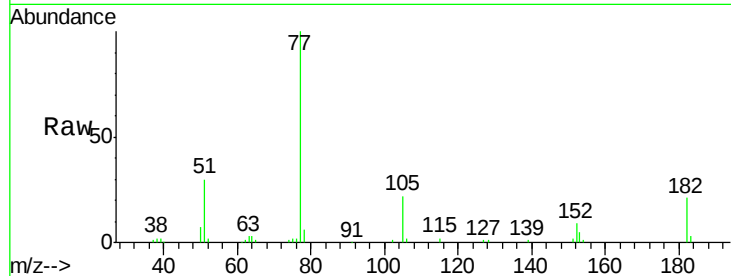
Ion Ratio Lower Upper

77 100

182 20.6 2.0 42.0

105 21.7 2.3 42.3

51 30.2 10.7 50.7

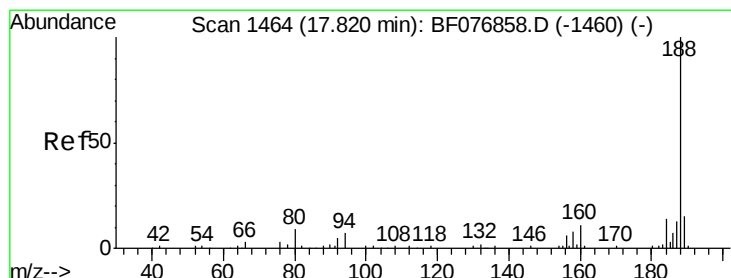
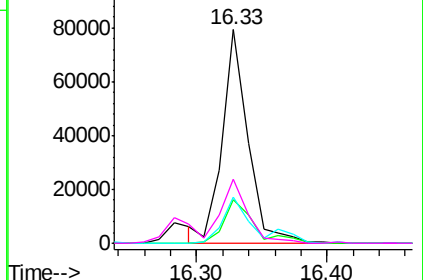
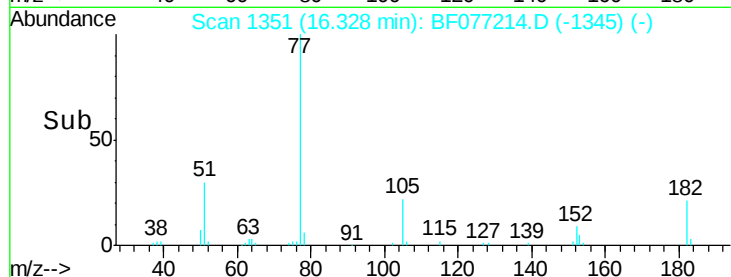


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF077214.D

Acq: 6 Feb 2015 22:03

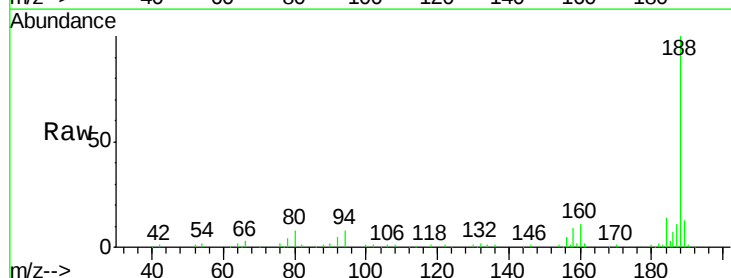
Tgt Ion: 188 Resp: 141590

Ion Ratio Lower Upper

188 100

94 8.1 6.0 9.0

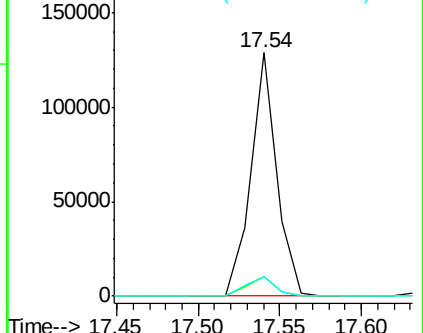
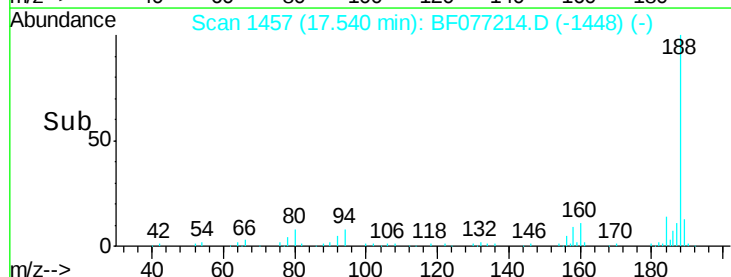
80 8.1 6.9 10.3

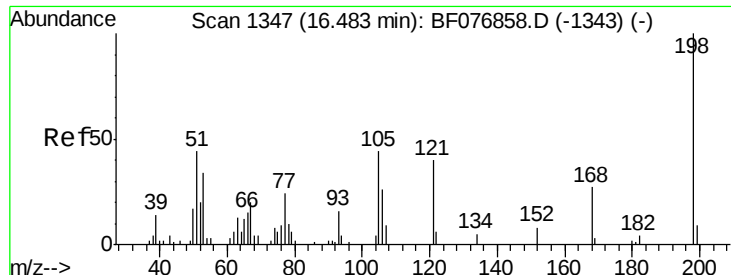


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

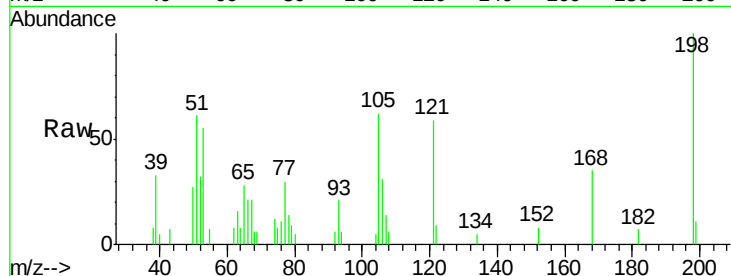




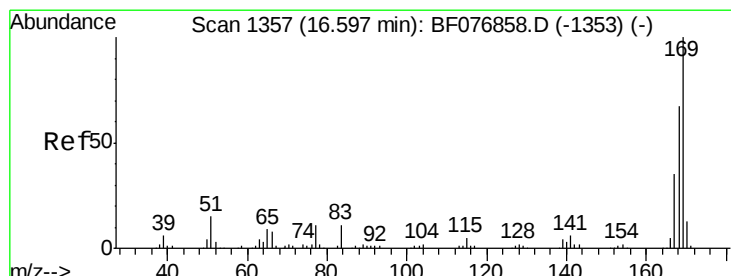
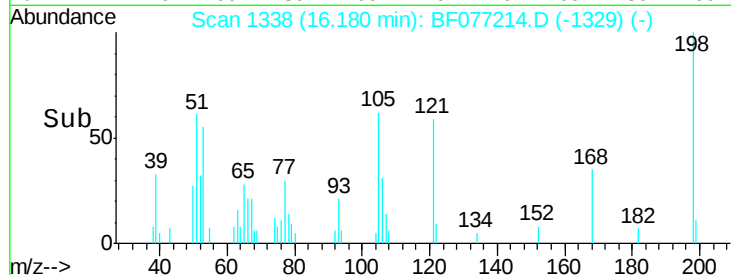
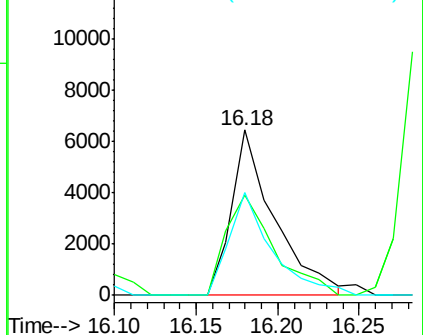
#64
4,6-Dinitro-2-methylphenol
Concen: 15.34 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:198 Resp: 11764
Ion Ratio Lower Upper
198 100
51 60.6 24.2 64.2
105 61.9 24.0 64.0

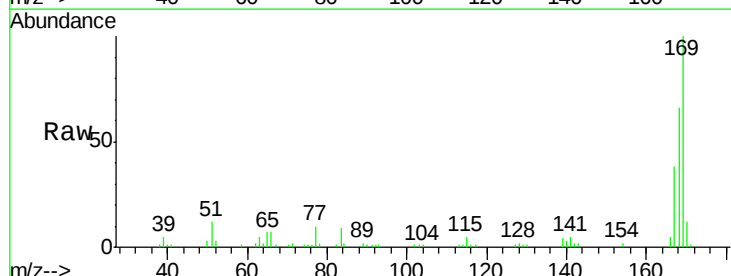


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

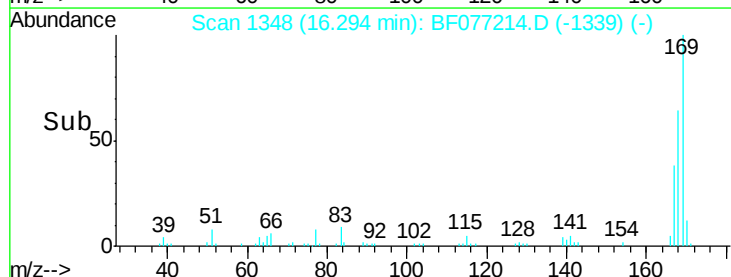
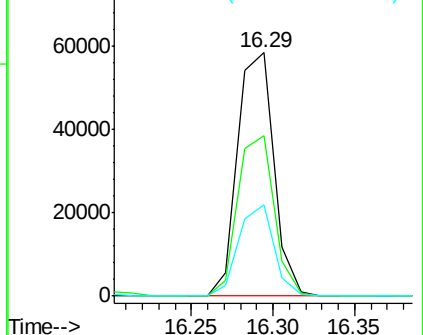


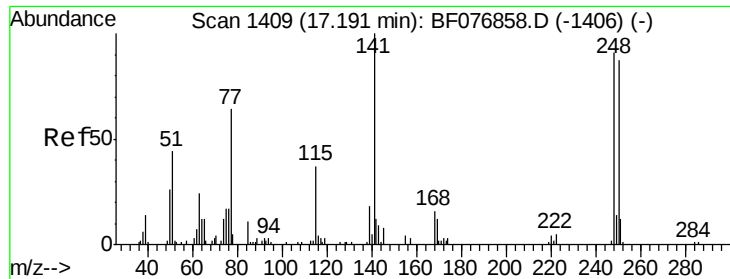
#65
n-Nitrosodiphenylamine
Concen: 17.75 ng
RT: 16.29 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:169 Resp: 89626
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.6
167 37.7 27.8 41.6



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

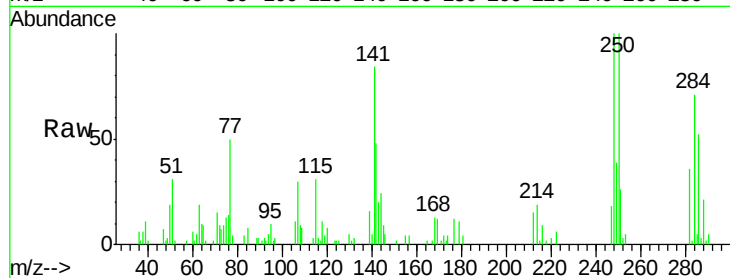




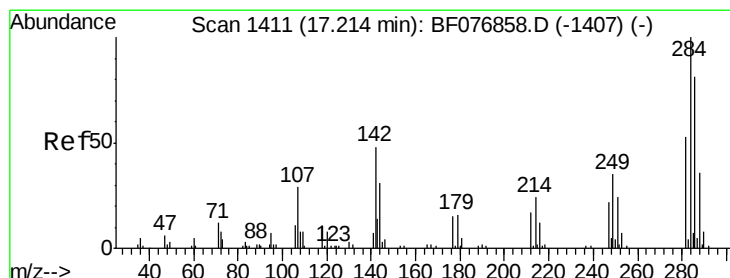
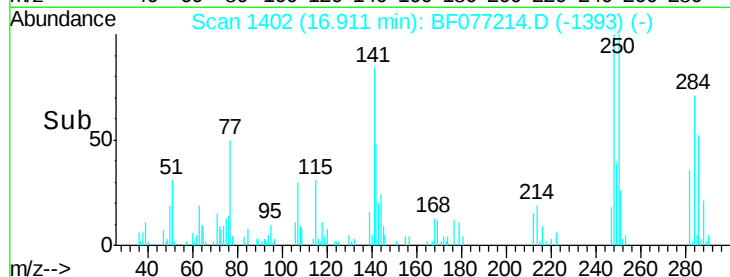
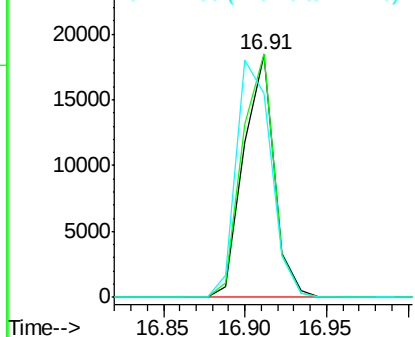
#66
4-Bromophenyl-phenylether
Concen: 16.69 ng
RT: 16.91 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:248 Resp: 23948
Ion Ratio Lower Upper
248 100
250 100.3 77.1 115.7
141 84.2 88.2 132.4#

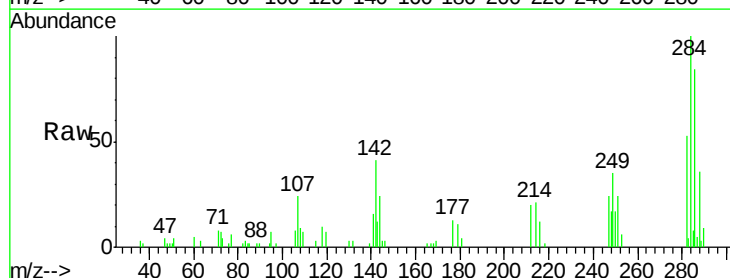


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

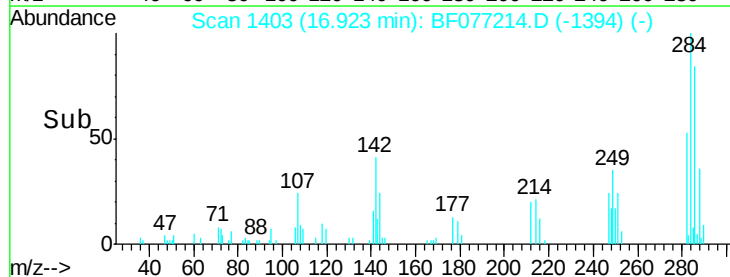
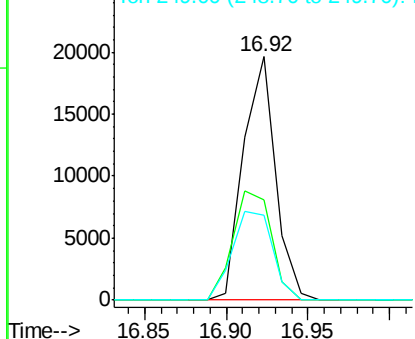


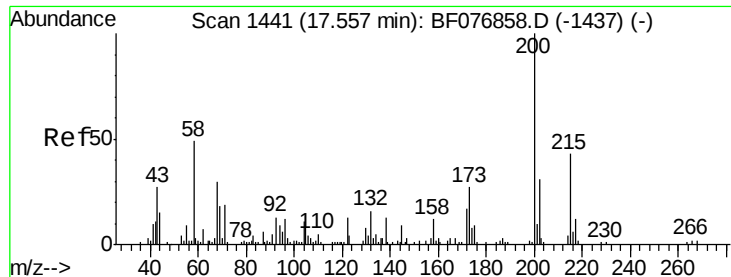
#67
Hexachlorobenzene
Concen: 17.74 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:284 Resp: 26818
Ion Ratio Lower Upper
284 100
142 41.2 38.2 57.4
249 34.9 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: 20.18 ng

RT: 17.30 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

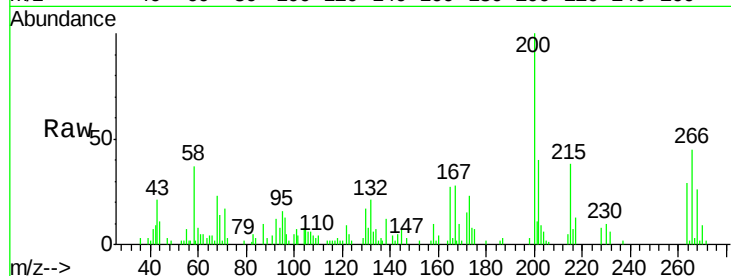
Tot Ion:200 Resp: 30918

Ion Ratio Lower Upper

200 100

173 23.1 6.6 46.6

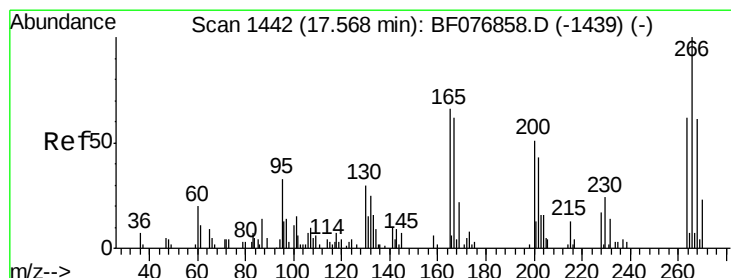
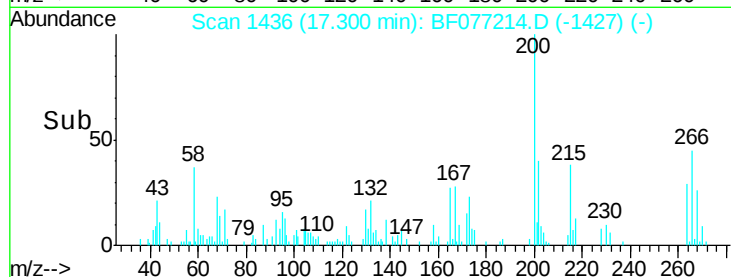
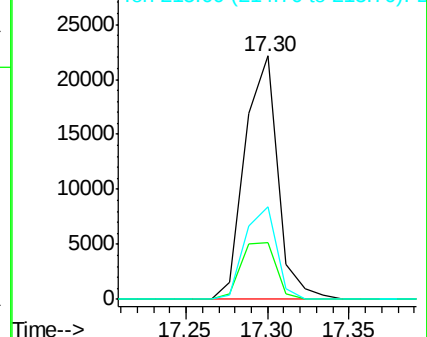
215 38.0 22.9 62.9



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: 29.06 ng

RT: 17.30 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

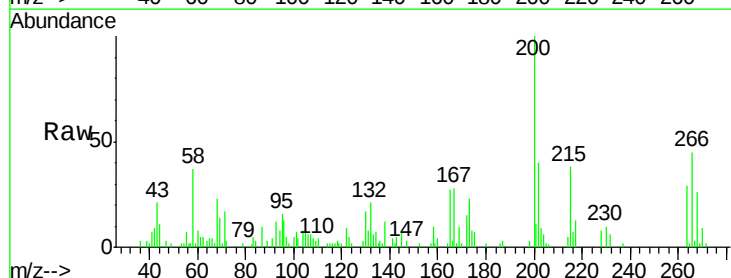
Tgt Ion:266 Resp: 16808

Ion Ratio Lower Upper

266 100

268 58.2 48.6 72.8

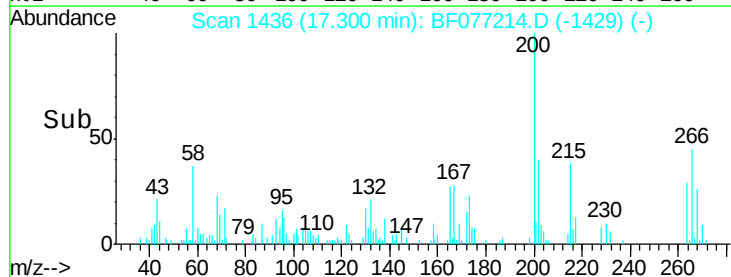
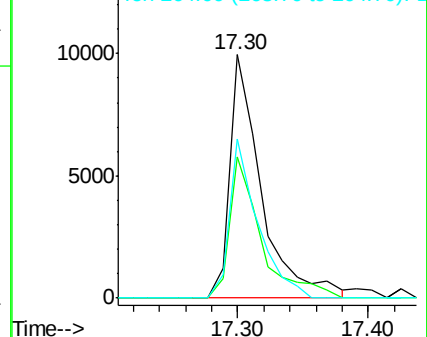
264 65.3 49.5 74.3

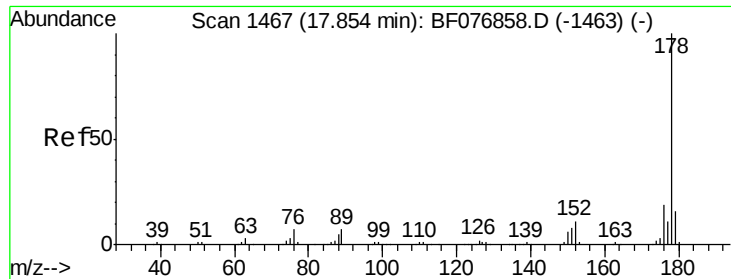


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

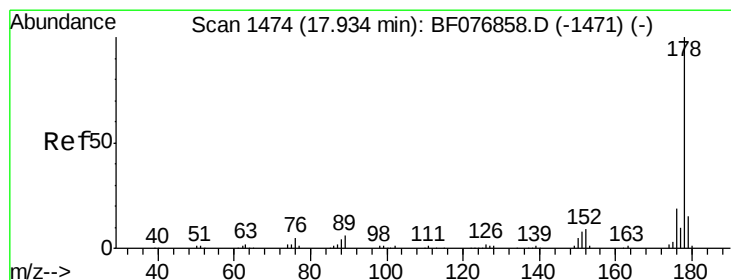
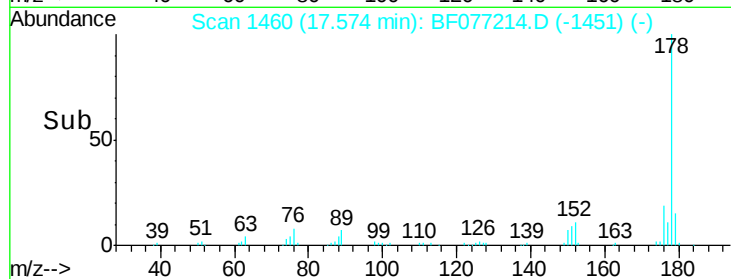
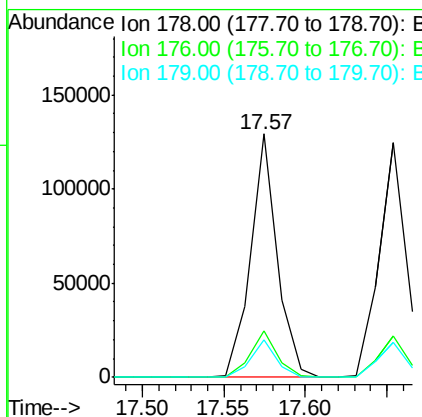
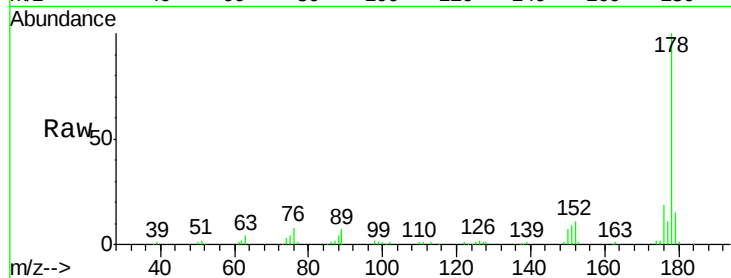




#70
Phenanthrene
Concen: 16.66 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

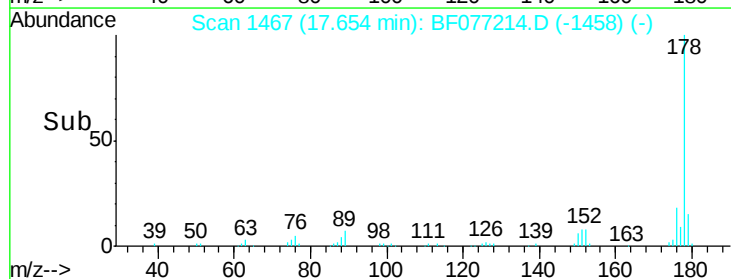
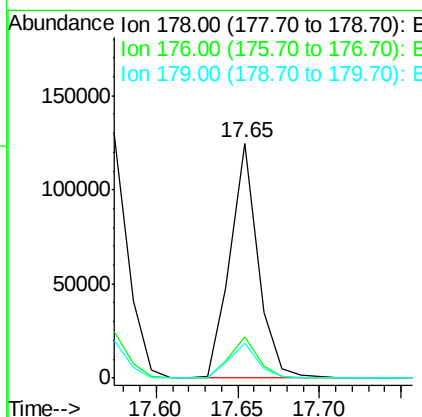
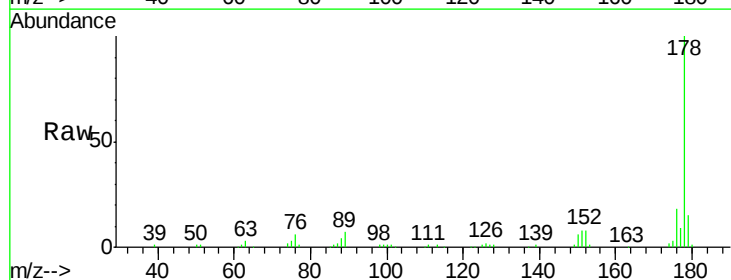
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

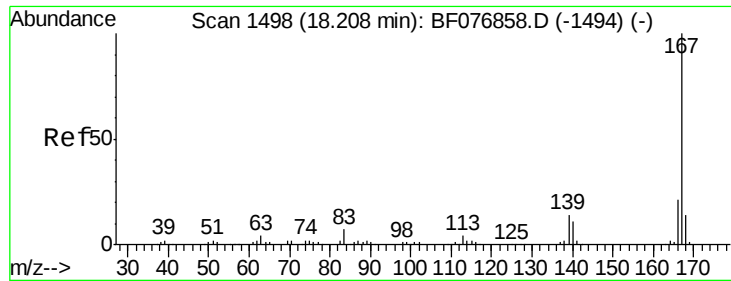
Tot Ion:178 Resp: 147109
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.3 12.7 19.1



#71
Anthracene
Concen: 16.97 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:178 Resp: 146104
Ion Ratio Lower Upper
178 100
176 17.6 15.4 23.0
179 15.2 11.9 17.9





#72

Carbazole

Concen: 17.23 ng

RT: 17.95 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

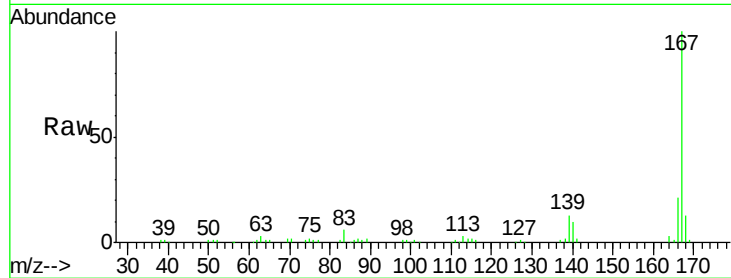
Tot Ion:167 Resp: 143861

Ion Ratio Lower Upper

167 100

166 20.7 17.0 25.6

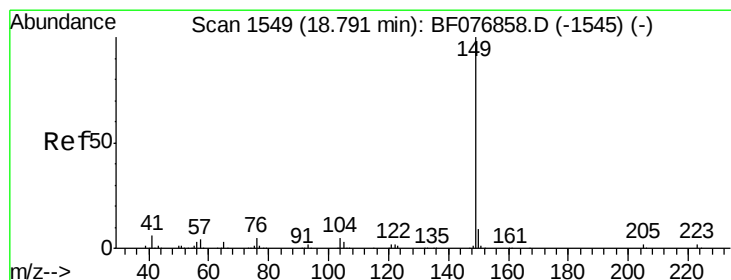
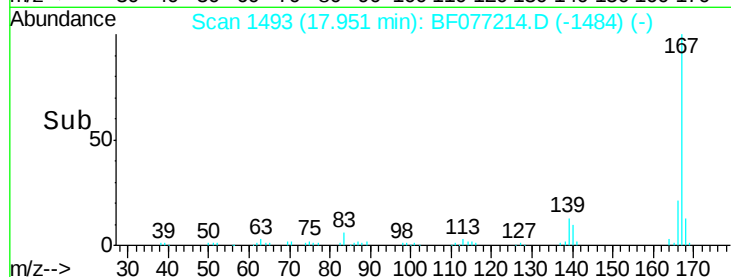
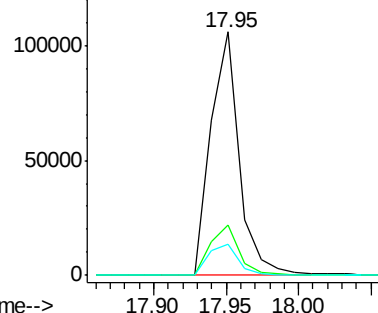
139 12.9 11.3 16.9



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: 18.54 ng

RT: 18.55 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

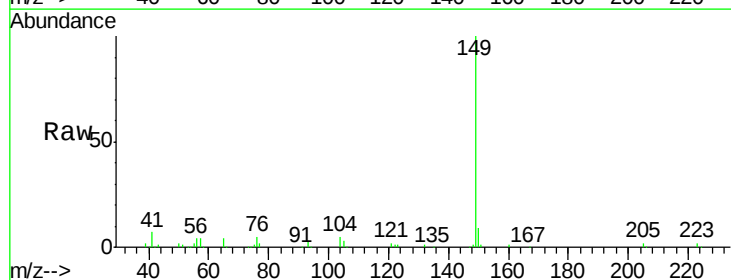
Tgt Ion:149 Resp: 179253

Ion Ratio Lower Upper

149 100

150 9.4 6.9 10.3

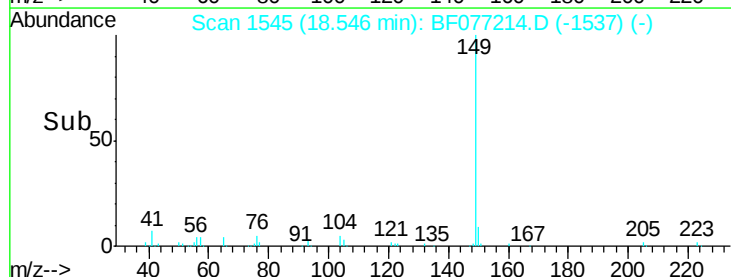
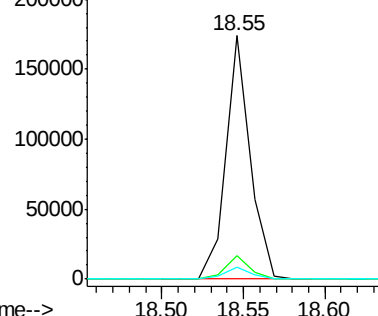
104 5.0 3.7 5.5

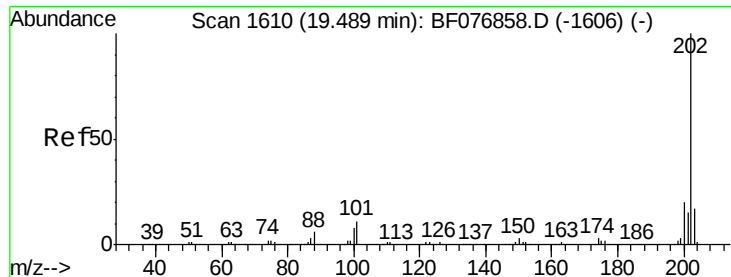


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

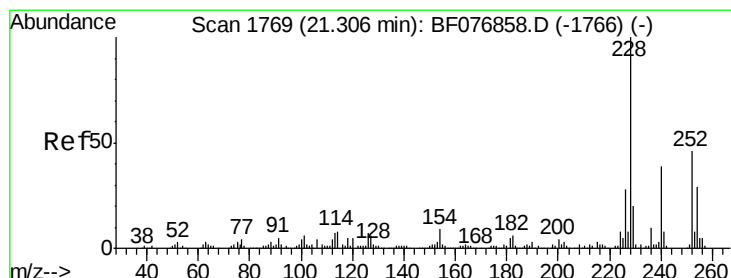
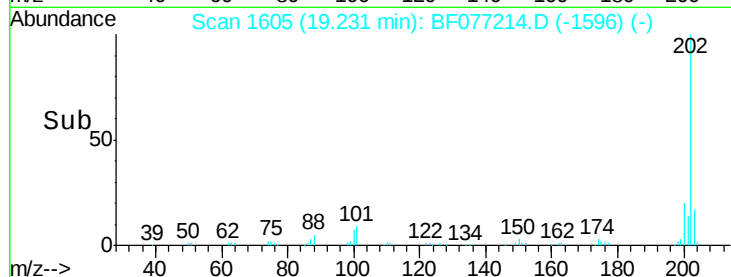
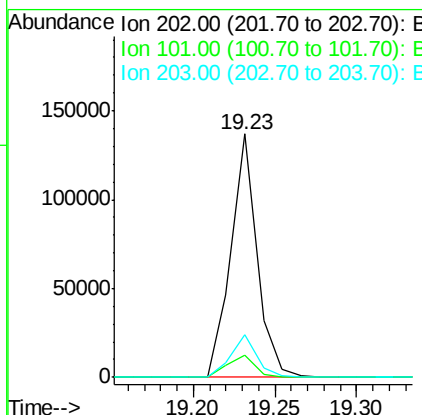
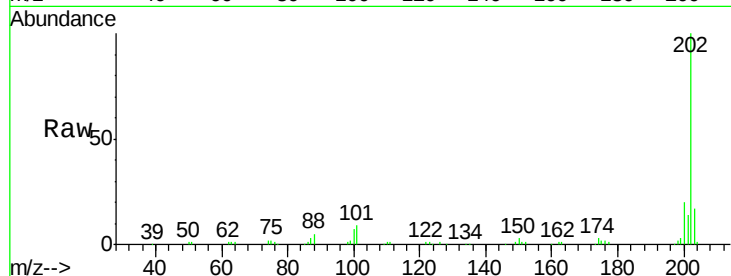




#74
 Fluoranthene
 Concen: 16.79 ng
 RT: 19.23 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

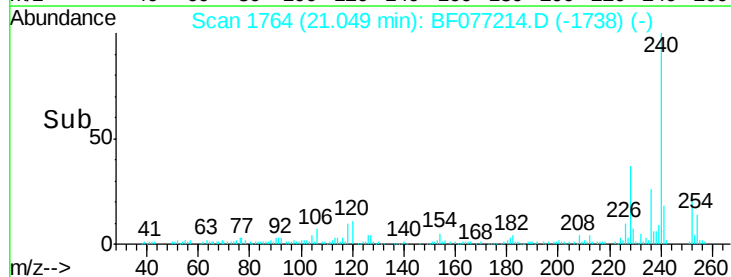
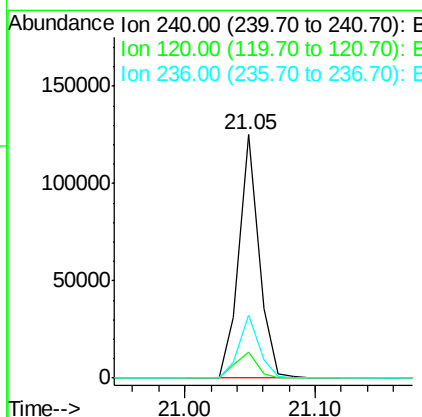
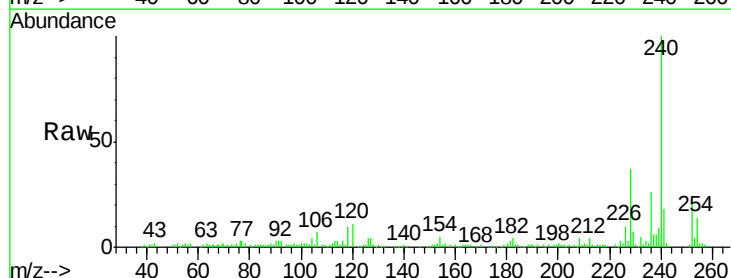
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

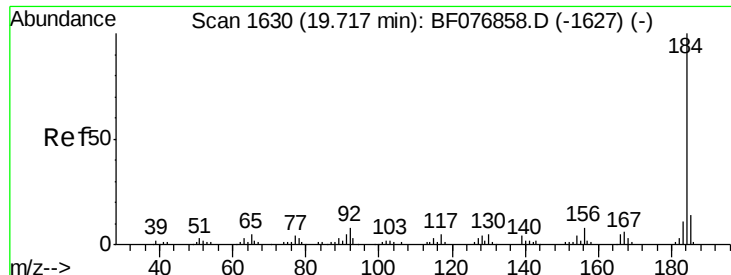
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.7
203	17.3	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.4	15.6
236	25.8	20.2	30.2

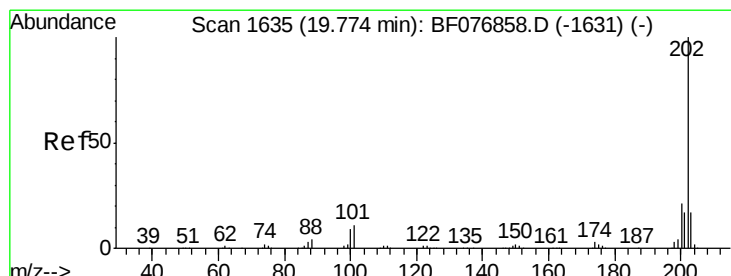
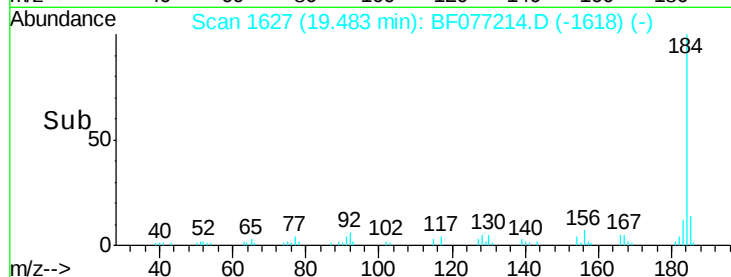
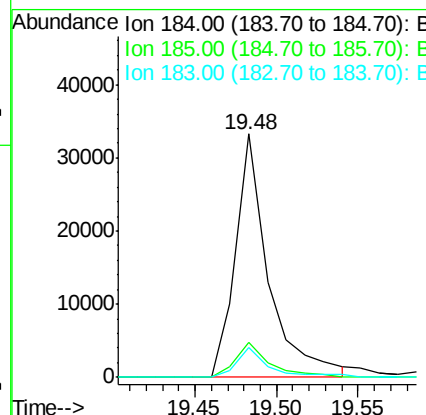
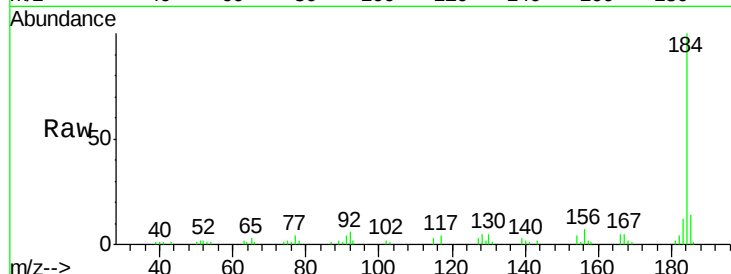




#76
Benzidine
Concen: 10.81 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

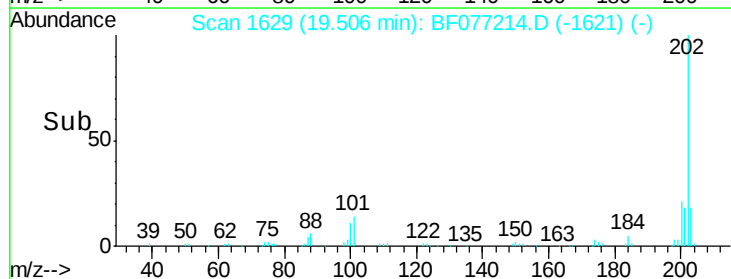
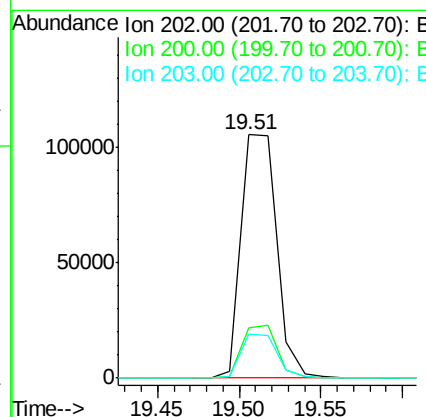
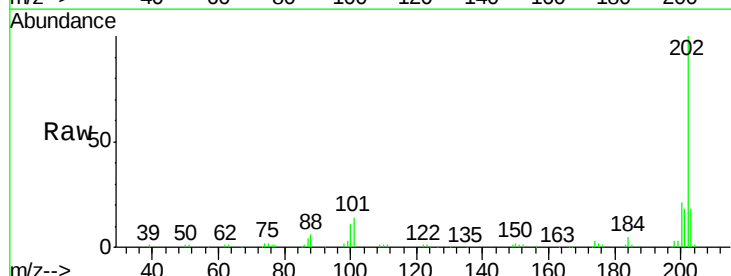
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

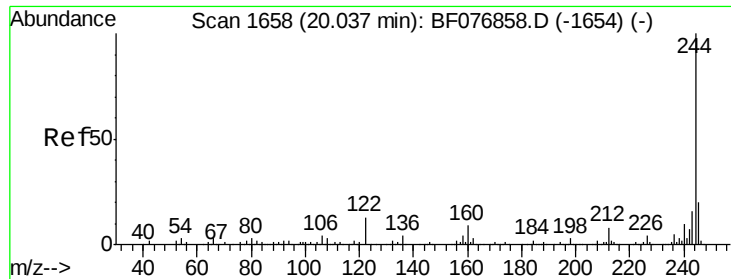
Tot Ion:184 Resp: 46482
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 12.4 9.0 13.6



#77
Pyrene
Concen: 17.27 ng
RT: 19.51 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:202 Resp: 159019
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 18.2 14.0 21.0





#78

Terphenyl-d14

Concen: 36.80 ng

RT: 19.78 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4AMS

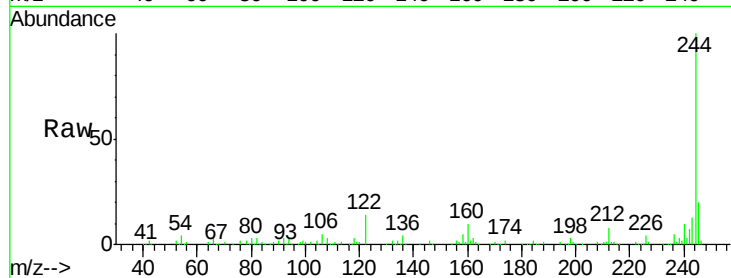
Tot Ion:244 Resp: 214799

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

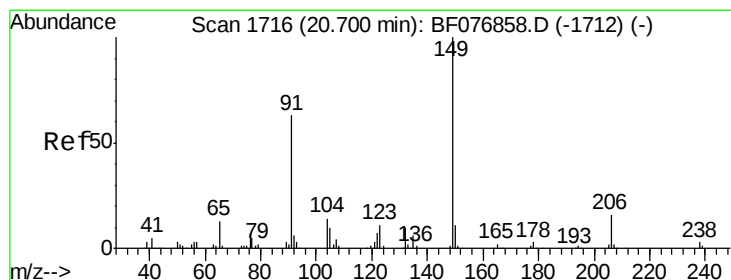
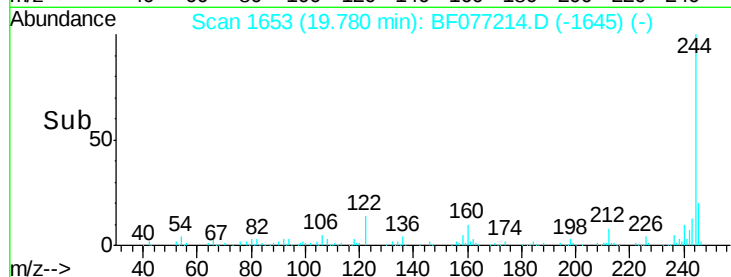
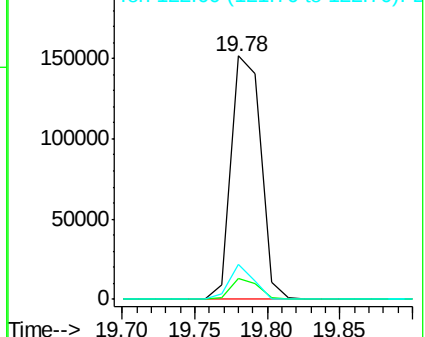
122 14.2 10.1 15.1



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: 19.74 ng

RT: 20.45 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BF077214.D

Acq: 6 Feb 2015 22:03

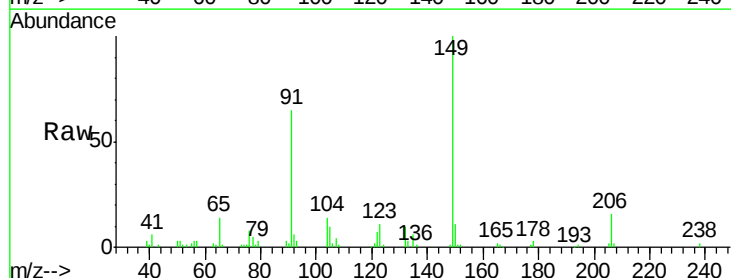
Tgt Ion:149 Resp: 82348

Ion Ratio Lower Upper

149 100

91 65.2 50.6 76.0

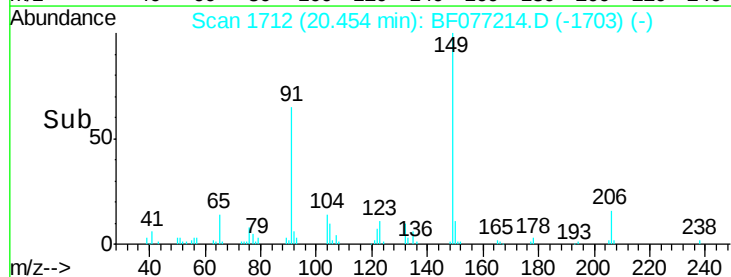
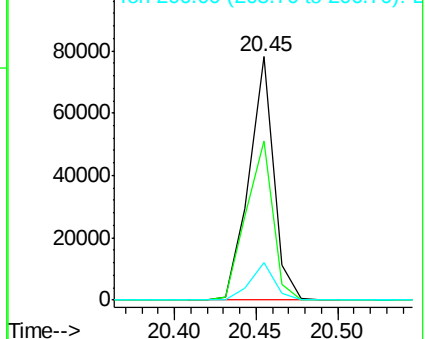
206 15.6 12.8 19.2

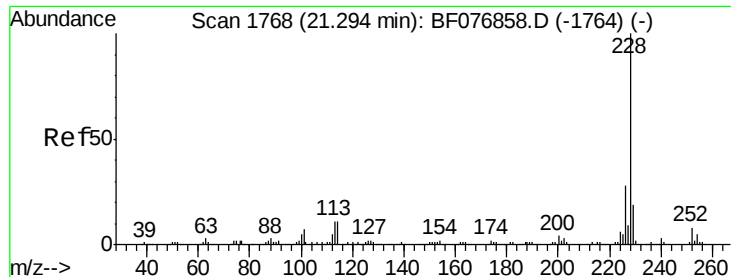


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

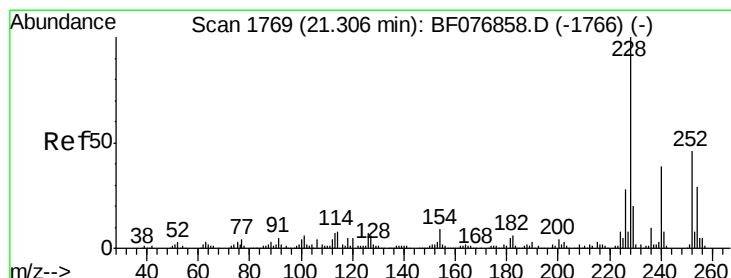
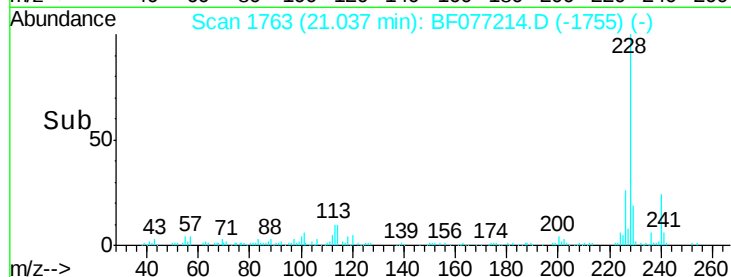
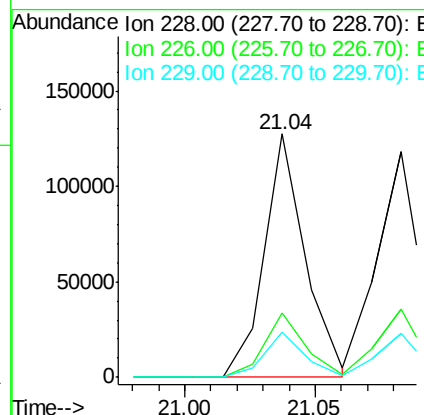
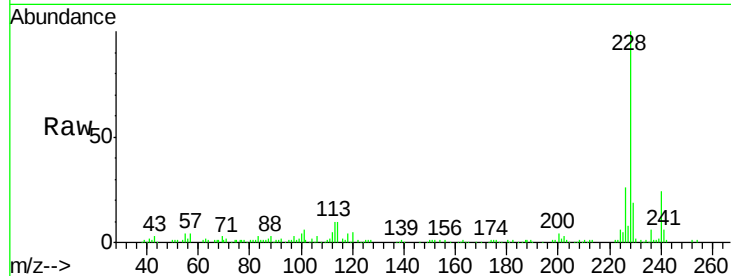




#80
Benzo(a)anthracene
Concen: 16.60 ng
RT: 21.04 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

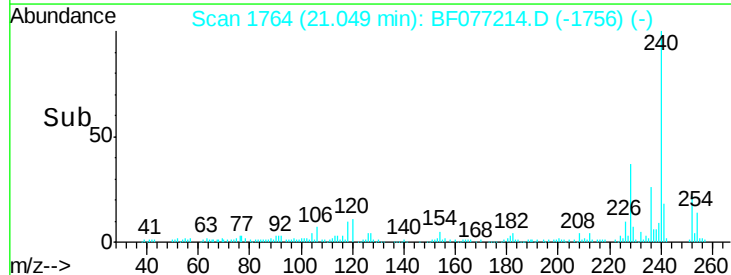
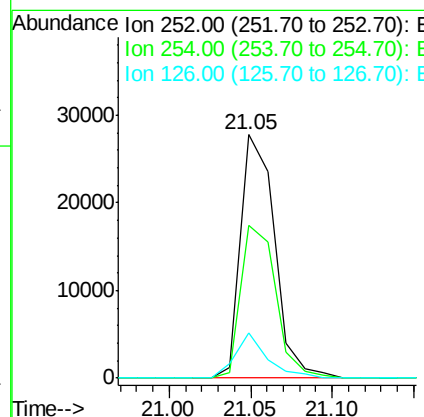
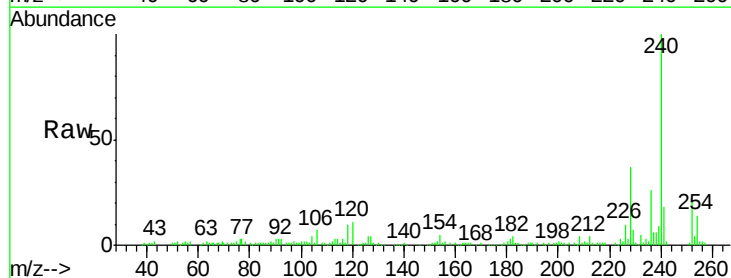
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

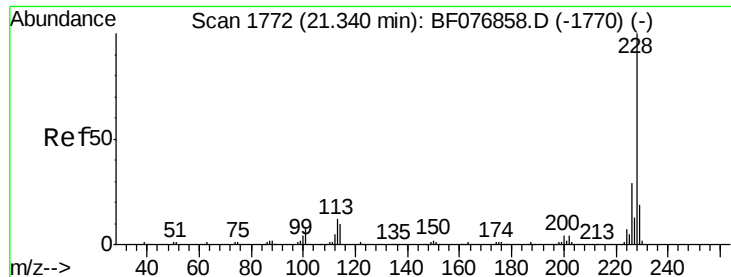
Tot Ion:228 Resp: 139922
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 18.6 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 14.87 ng
RT: 21.05 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:252 Resp: 39846
Ion Ratio Lower Upper
252 100
254 62.8 50.2 75.4
126 18.5 11.5 17.3#

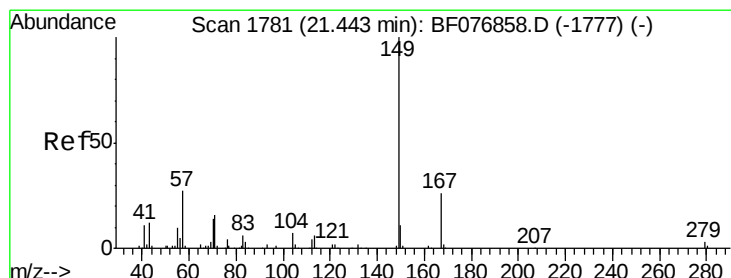
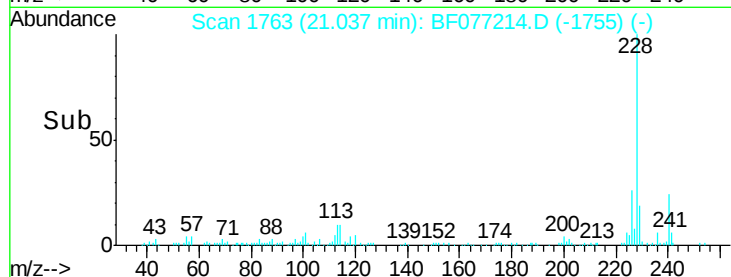
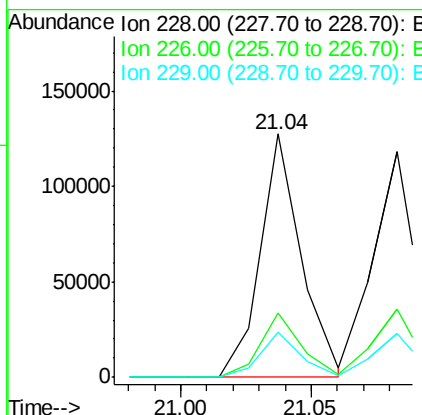
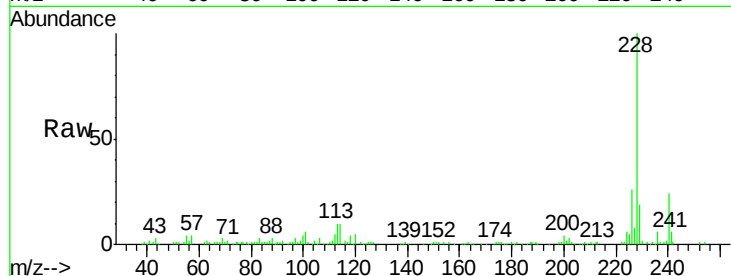




#82
Chrysene
Concen: 18.20 ng
RT: 21.04 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

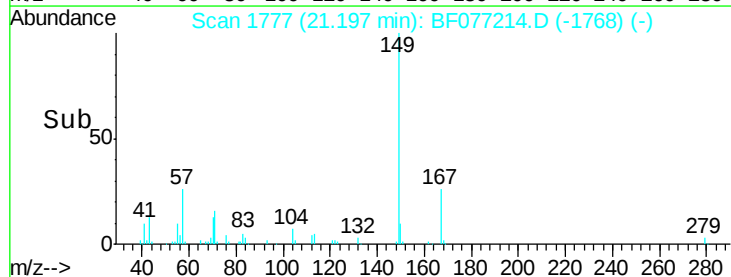
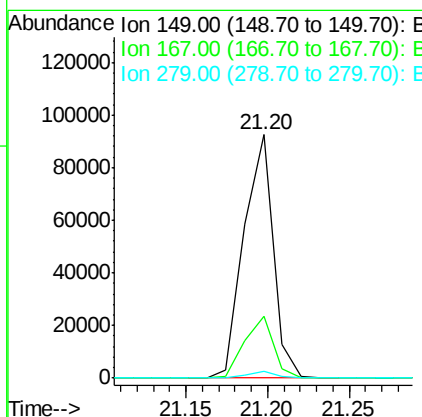
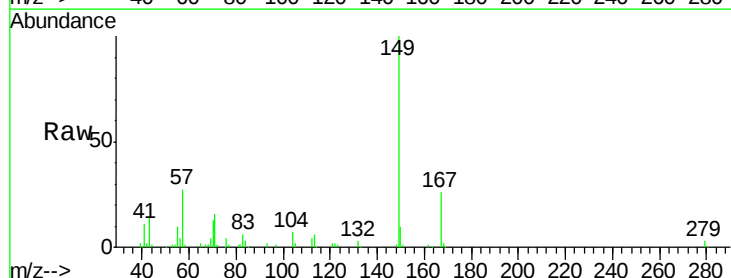
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

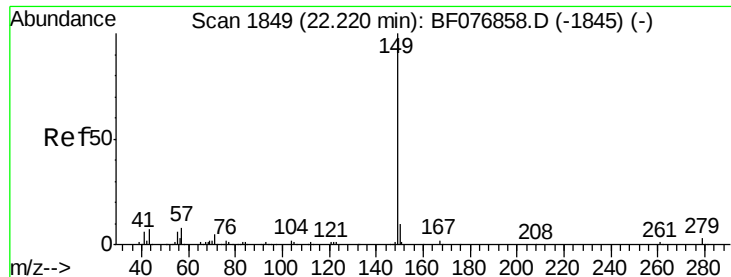
Tot Ion:228 Resp: 139922
Ion Ratio Lower Upper
228 100
226 26.5 23.4 35.0
229 18.6 15.4 23.0



#83
Bis(2-ethylhexyl)phthalate
Concen: 19.92 ng
RT: 21.20 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:149 Resp: 114935
Ion Ratio Lower Upper
149 100
167 25.5 20.6 30.8
279 2.9 2.2 3.2

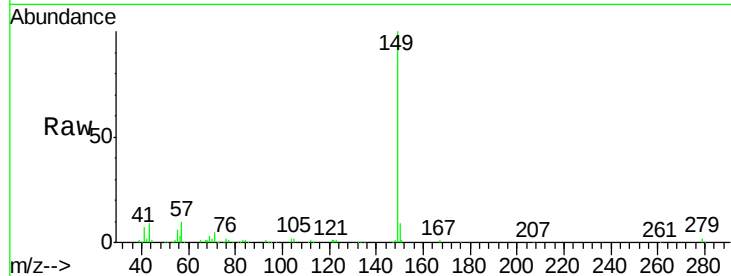




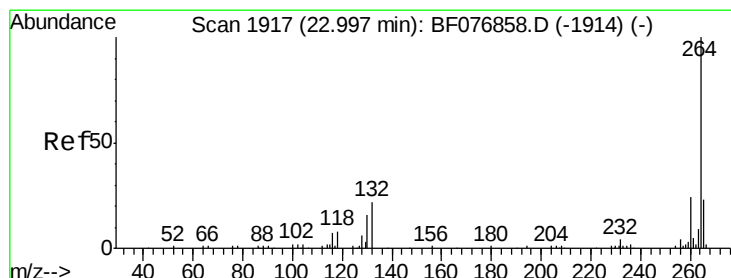
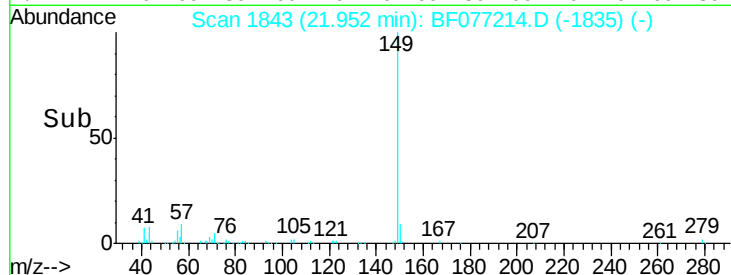
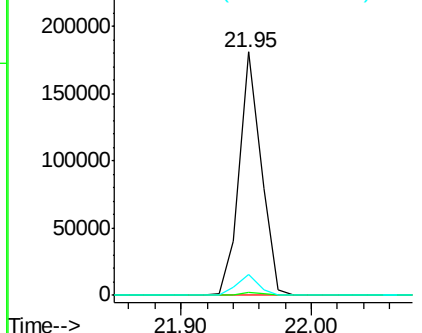
#84
Di-n-octyl phthalate
Concen: 21.10 ng
RT: 21.95 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:149 Resp: 211344
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 8.6 6.6 10.0

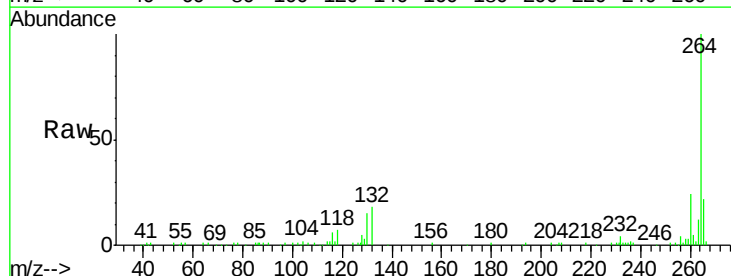


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

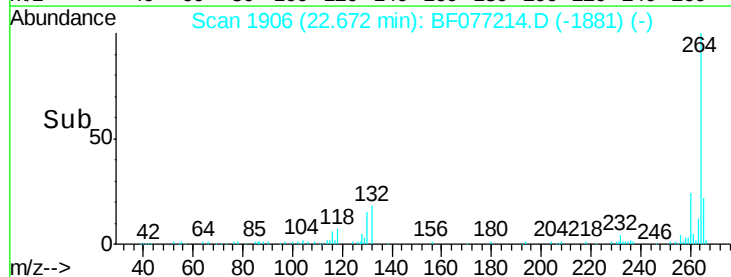
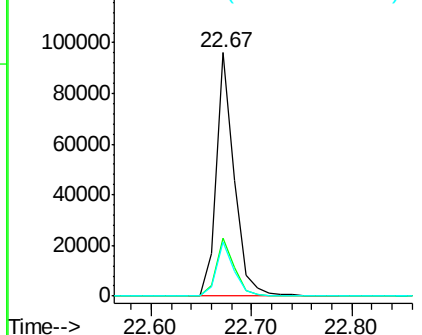


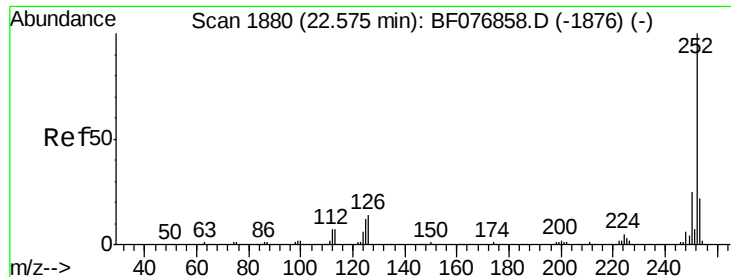
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.67 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:264 Resp: 118610
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 22.5 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

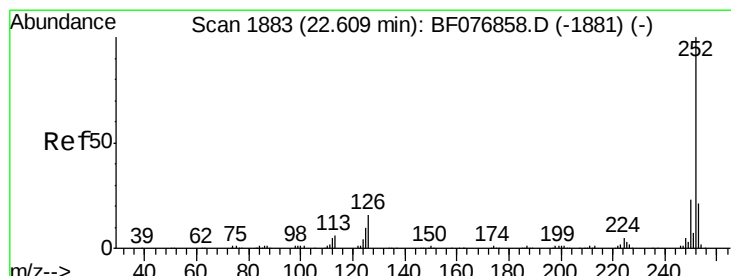
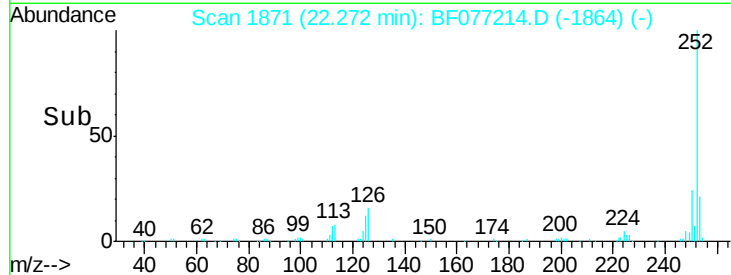
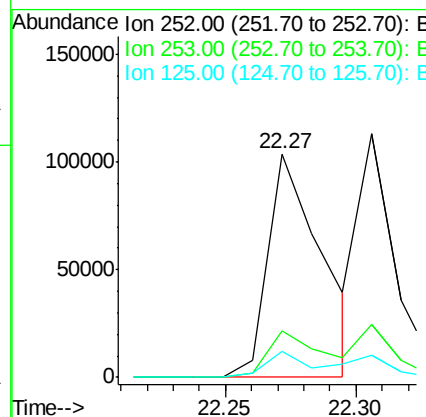
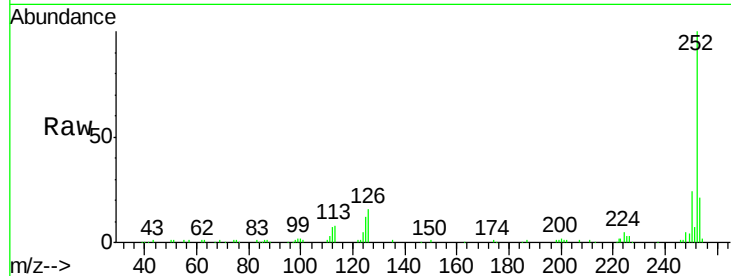




#87
Benzo(b)fluoranthene
Concen: 18.68 ng
RT: 22.27 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

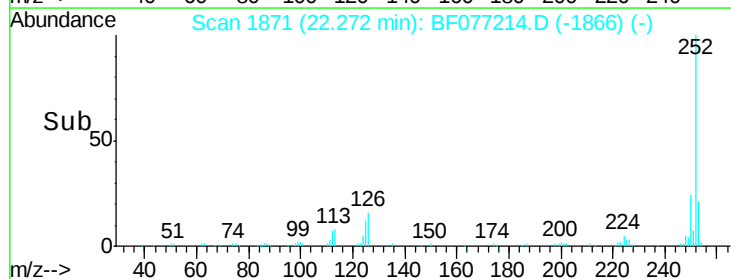
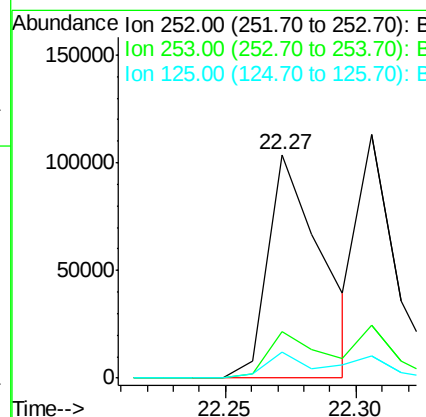
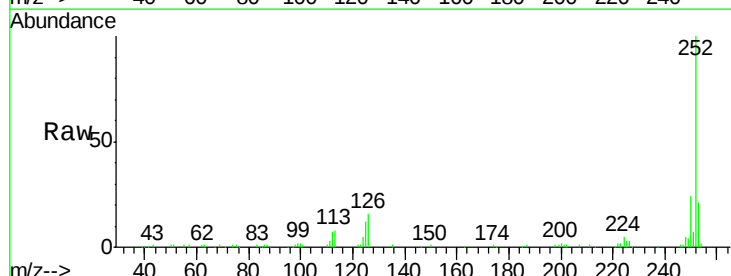
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4AMS

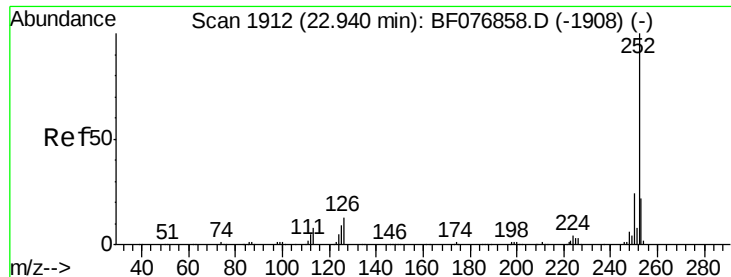
Tot Ion:252 Resp: 149205
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 11.6 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 21.38 ng
RT: 22.27 min Scan# 1871
Delta R.T. -0.05 min
Lab File: BF077214.D
Acq: 6 Feb 2015 22:03

Tgt Ion:252 Resp: 149205
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 11.6 7.1 10.7#





#89
 Benzo(a)pyrene
 Concen: 18.17 ng
 RT: 22.61 min Scan# 1901
 Delta R.T. -0.07 min
 Lab File: BF077214.D
 Acq: 6 Feb 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4AMS

Tot Ion:252 Resp: 128013
 Ion Ratio Lower Upper
 252 100
 253 20.7 17.9 26.9
 125 8.9 7.2 10.8

