

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077014.D
 Acq On : 22 Jan 2015 16:13
 Operator : TP/IZ
 Sample : PB81460BS
 Misc : S
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Quant Time: Jan 23 09:52:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 00:19:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23377	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	96465	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	52128	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	88424	20.00	ng	0.00
75) Chrysene-d12	21.19	240	84477	20.00	ng	0.00
86) Perylene-d12	22.88	264	76553	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.89	112	169188	118.99	ng	0.00
7) Phenol-d6	7.26	99	213463	119.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	132634	76.17	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	55644	131.50	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	272067	79.43	ng	0.00
78) Terphenyl-d14	19.92	244	287523	78.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.22	88	14471	23.77	ng	# 95
3) Pyridine	1.69	79	38444	24.40	ng	88
4) n-Nitrosodimethylamine	1.65	42	22174	28.41	ng	89
6) Aniline	7.14	93	47558	19.16	ng	94
8) 2-Chlorophenol	7.38	128	59964	36.58	ng	98
9) Benzaldehyde	6.86	77	12381	10.28	ng	96
10) Phenol	7.28	94	71189	37.38	ng	95
11) bis(2-Chloroethyl)ether	7.40	93	55604	37.31	ng	# 74
12) 1,3-Dichlorobenzene	7.69	146	63774	34.20	ng	97
13) 1,4-Dichlorobenzene	7.89	146	66401	33.58	ng	99
14) 1,2-Dichlorobenzene	8.21	146	60617	33.27	ng	95
15) Benzyl Alcohol	8.29	79	50250	34.62	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	67728	33.81	ng	89
17) 2-Methylphenol	8.64	107	48607	36.29	ng	95
18) Hexachloroethane	8.95	117	23657	34.39	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	42656	33.97	ng	# 94
20) 3+4-Methylphenols	9.02	107	60597	34.17	ng	95
22) Acetophenone	8.84	105	87767	37.15	ng	97
24) Nitrobenzene	9.19	77	63915	36.03	ng	98
25) Isophorone	9.80	82	114605	36.14	ng	# 95
26) 2-Nitrophenol	9.93	139	30289	33.88	ng	# 85
27) 2,4-Dimethylphenol	10.22	122	53105	38.72	ng	95
28) bis(2-Chloroethoxy)methane	10.42	93	70143	38.92	ng	99
29) 2,4-Dichlorophenol	10.54	162	50338	39.37	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	50887	35.84	ng	99
31) Naphthalene	10.81	128	173417	34.92	ng	97
32) Benzoic acid	10.57	122	25018m	32.92	ng	
33) 4-Chloroaniline	11.05	127	42656	21.26	ng	99
34) Hexachlorobutadiene	11.18	225	29231	34.70	ng	94
35) Caprolactam	11.89	113	14452m	38.40	ng	
36) 4-Chloro-3-methylphenol	12.36	107	54885	37.50	ng	93
37) 2-Methylnaphthalene	12.46	142	124511	36.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	49488	38.40	ng	98
40) Hexachlorocyclopentadiene	12.85	237	50731	73.52	ng	94

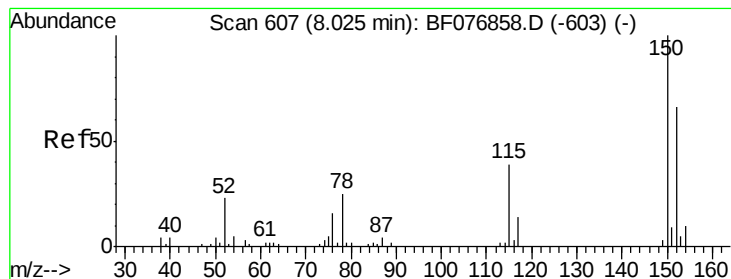
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077014.D
 Acq On : 22 Jan 2015 16:13
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	34291	36.52	nq	92
43) 2,4,5-Trichlorophenol	13.31	196	35421	36.98	nq	99
45) 1,1'-Biphenyl	13.61	154	146187	37.83	nq	98
46) 2-Chloronaphthalene	13.59	162	119054	37.44	nq	98
47) 2-Nitroaniline	13.93	65	38459	39.87	nq	89
48) Acenaphthylene	14.54	152	192039	35.80	nq	99
49) Dimethylphthalate	14.49	163	144572	39.11	nq	99
50) 2,6-Dinitrotoluene	14.59	165	29788	40.33	nq	97
51) Acenaphthene	14.96	154	109303	35.91	nq	96
52) 3-Nitroaniline	14.93	138	24481	26.24	nq	90
53) 2,4-Dinitrophenol	15.21	184	24916	73.08	nq	92
54) Dibenzofuran	15.39	168	170143	38.38	nq	99
55) 4-Nitrophenol	15.52	139	44606	76.98	nq	98
56) 2,4-Dinitrotoluene	15.52	165	42739	39.01	nq	# 89
57) Fluorene	16.13	166	141564	37.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.74	232	28824	41.33	nq	# 96
59) Diethylphthalate	16.12	149	148086	39.63	nq	99
60) 4-Chlorophenyl-phenylether	16.22	204	60130	39.13	nq	85
61) 4-Nitroaniline	16.27	138	31239	33.98	nq	97
62) Azobenzene	16.51	77	148445	38.13	nq	96
64) 4,6-Dinitro-2-methylphenol	16.33	198	19385	35.07	nq	# 65
65) n-Nitrosodiphenylamine	16.46	169	120580	38.24	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	35708	39.86	nq	# 86
67) Hexachlorobenzene	17.08	284	35638	37.75	nq	88
68) Atrazine	17.44	200	41204	43.07	nq	94
69) Pentachlorophenol	17.44	266	32179	74.80	nq	98
70) Phenanthrene	17.73	178	201519	36.55	nq	99
71) Anthracene	17.80	178	202331	37.63	nq	97
72) Carbazole	18.09	167	195606	37.51	nq	97
73) Di-n-butylphthalate	18.68	149	234479	38.84	nq	98
74) Fluoranthene	19.37	202	213434	37.77	nq	96
76) Benzidine	19.61	184	95560	35.35	nq	99
77) Pyrene	19.65	202	214603	37.07	nq	100
79) Butylbenzylphthalate	20.59	149	101056	38.54	nq	88
80) Benzo(a)anthracene	21.18	228	192282	36.28	nq	100
81) 3,3'-Dichlorobenzidine	21.19	252	40187	23.86	nq	98
82) Chrysene	21.23	228	180633	37.37	nq	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	141146	38.91	nq	# 98
84) Di-n-octyl phthalate	22.11	149	252256	40.06	nq	100
85) Indeno(1,2,3-cd)pyrene	24.05	276	185640	36.24	nq	# 81
87) Benzo(b)fluoranthene	22.45	252	193836	37.59	nq	98
88) Benzo(k)fluoranthene	22.48	252	162228m	36.01	nq	
89) Benzo(a)pyrene	22.81	252	172461	37.92	nq	# 96
90) Dibenzo(a,h)anthracene	24.07	278	154757	37.09	nq	# 96
91) Benzo(g,h,i)perylene	24.33	276	155318	37.44	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. 0.00 min

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PB81460BS

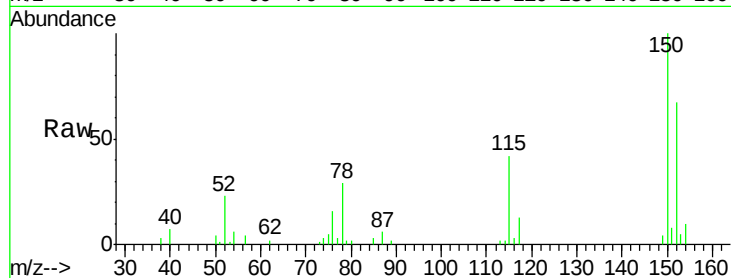
Tot Ion:152 Resp: 23377

Ion Ratio Lower Upper

152 100

150 149.9 121.7 182.5

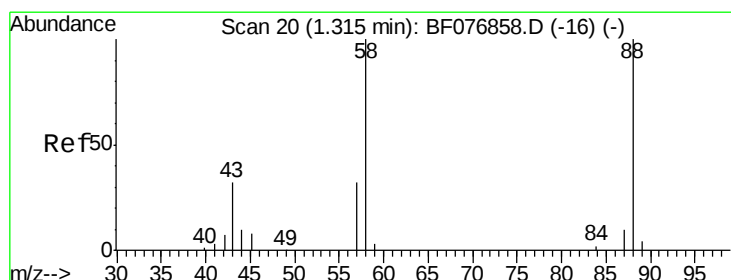
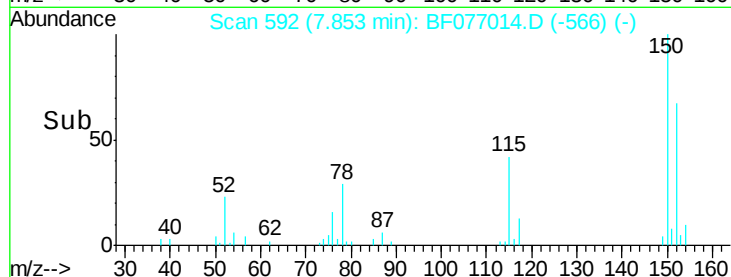
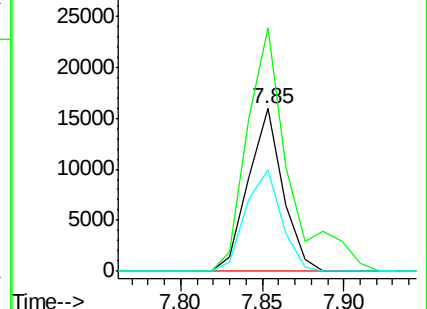
115 62.6 47.0 70.6



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: 23.77 ng

RT: 1.22 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

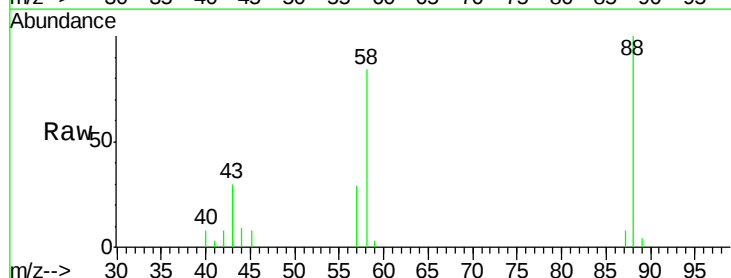
Tgt Ion: 88 Resp: 14471

Ion Ratio Lower Upper

88 100

58 99.5 77.0 115.4

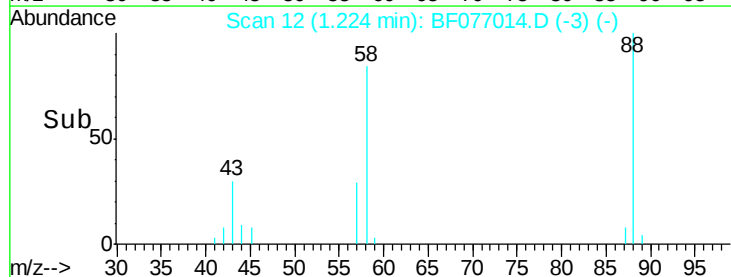
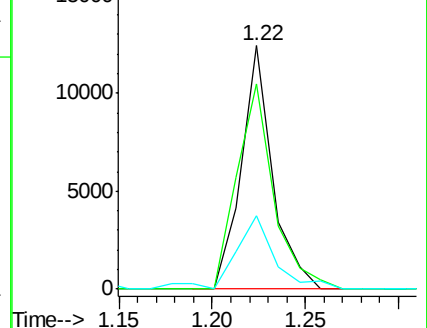
43 38.6 25.6 38.4#



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: 24.40 ng

RT: 1.69 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

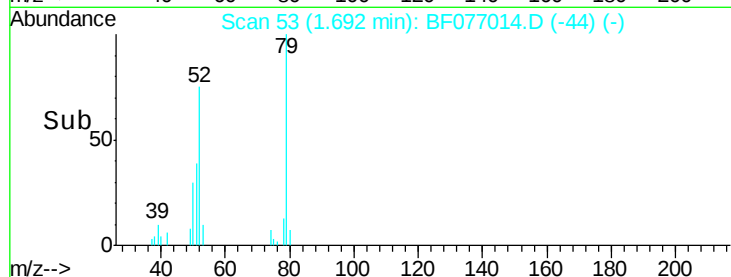
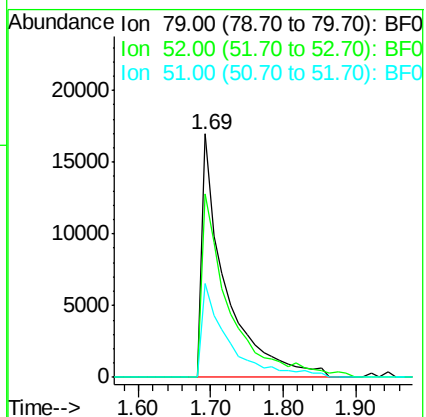
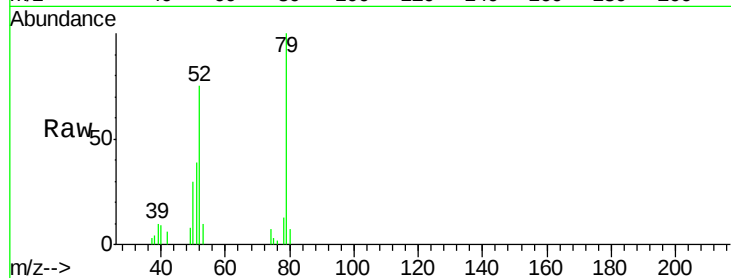
Tot Ion: 79 Resp: 38444

Ion Ratio Lower Upper

79 100

52 75.1 70.1 105.1

51 38.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 28.41 ng

RT: 1.65 min Scan# 49

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

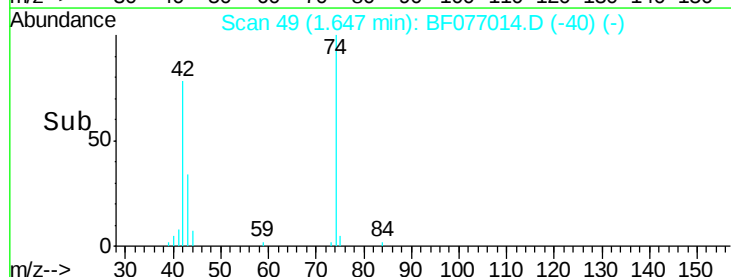
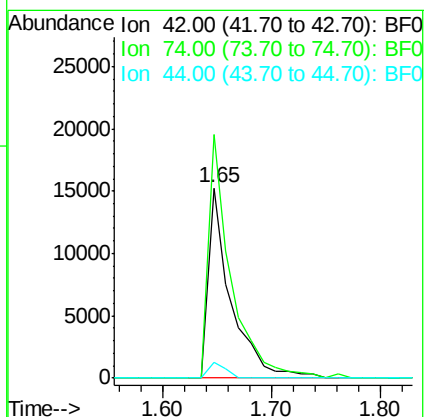
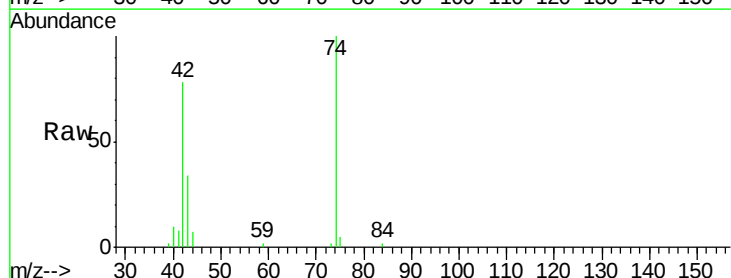
Tgt Ion: 42 Resp: 22174

Ion Ratio Lower Upper

42 100

74 127.9 92.4 138.6

44 8.4 6.2 9.2

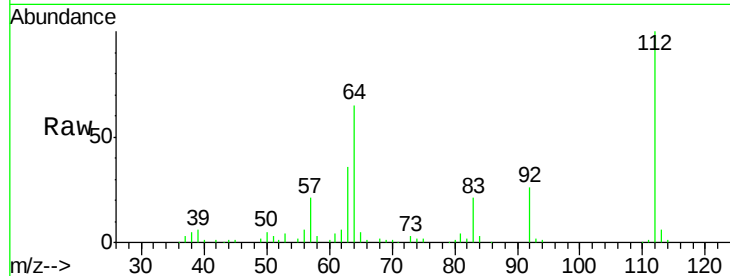




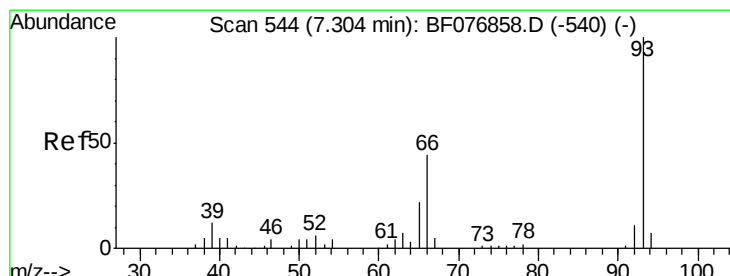
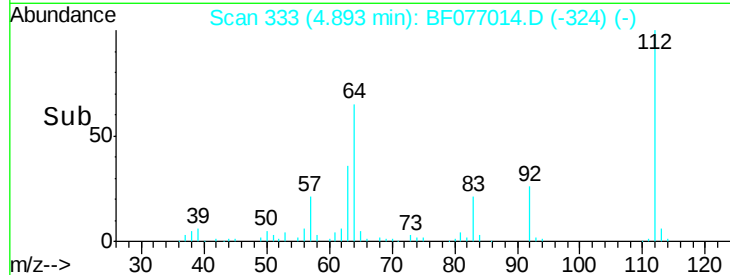
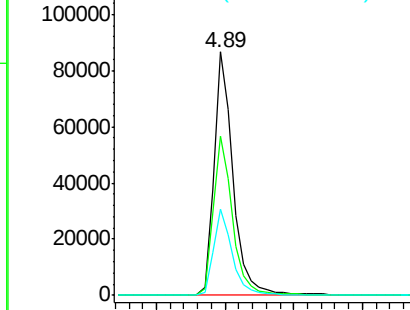
#5
 2-Fluorophenol
 Concen: 118.99 ng
 RT: 4.89 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleID :
 PB81460BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.4	54.2	81.4
63	35.6	28.4	42.6

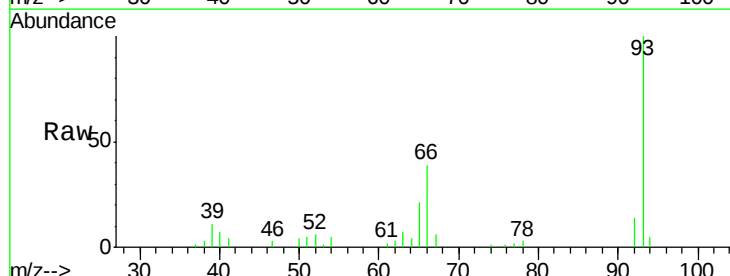


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

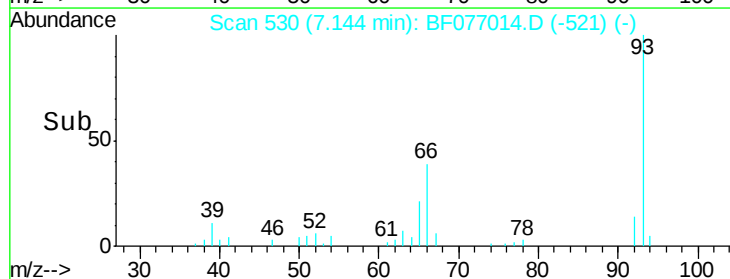
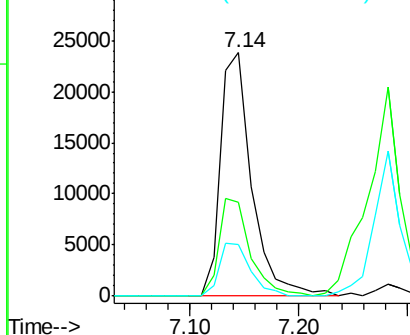


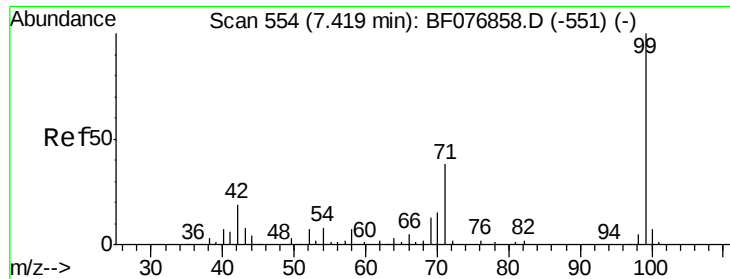
#6
 Aniline
 Concen: 19.16 ng
 RT: 7.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.7	35.0	52.4
65	21.2	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: 119.01 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

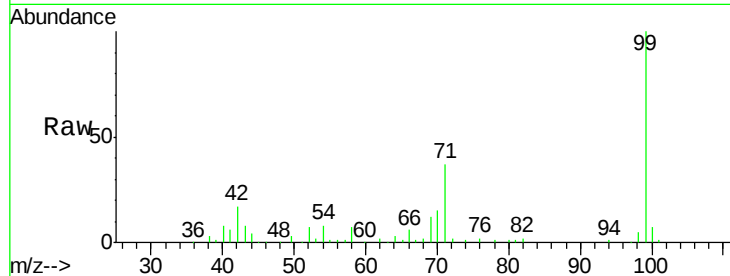
Tot Ion: 99 Resp: 213463

Ion Ratio Lower Upper

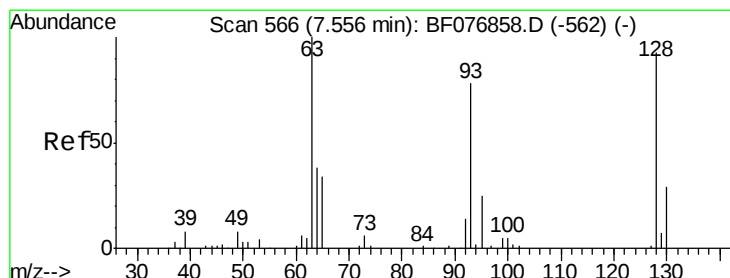
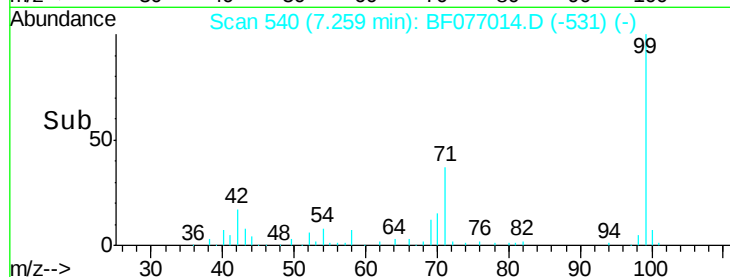
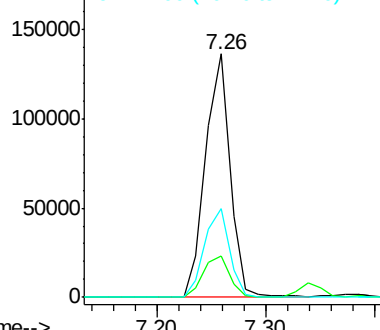
99 100

42 16.8 15.0 22.4

71 36.6 30.5 45.7



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



#8

2-Chlorophenol

Concen: 36.58 ng

RT: 7.38 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

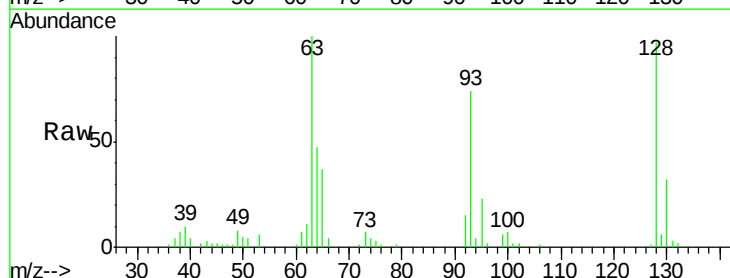
Tgt Ion: 128 Resp: 59964

Ion Ratio Lower Upper

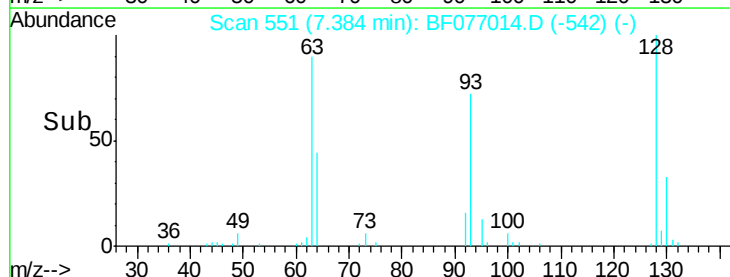
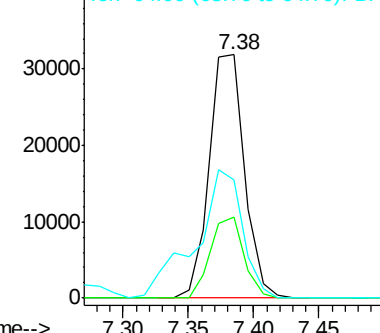
128 100

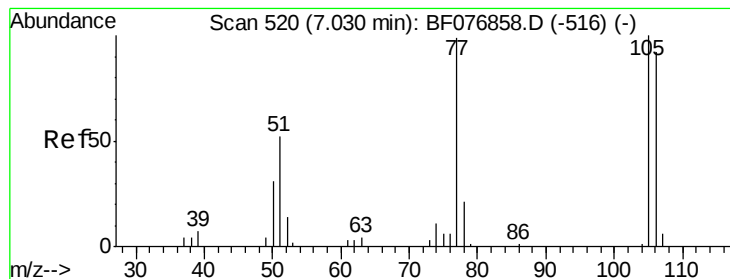
130 33.4 11.0 51.0

64 48.7 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: 10.28 ng

RT: 6.86 min Scan# 505

Delta R.T. 0.00 min

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PB81460BS

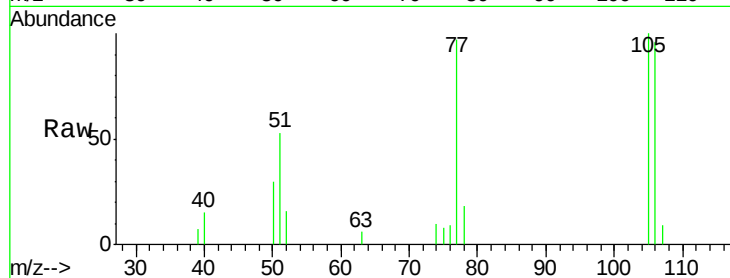
Tot Ion: 77 Resp: 12381

Ion Ratio Lower Upper

77 100

105 102.7 81.4 121.4

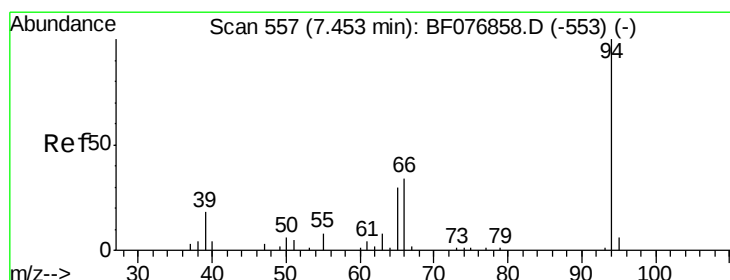
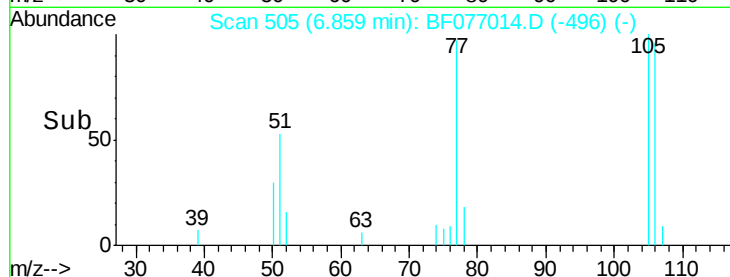
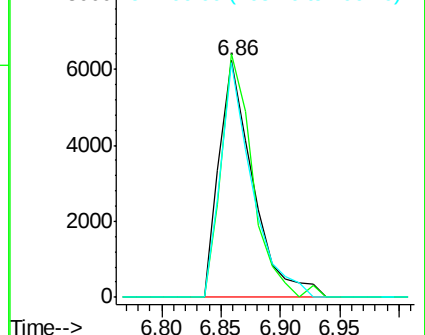
106 99.0 72.8 112.8



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: 37.38 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

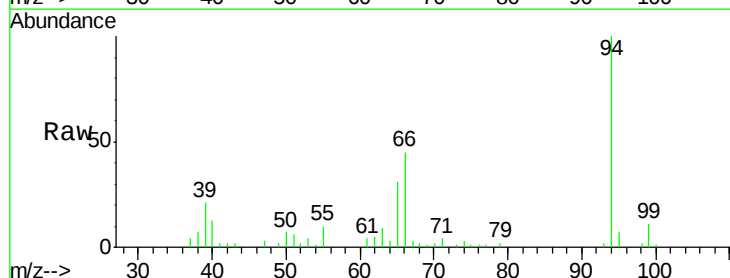
Tgt Ion: 94 Resp: 71189

Ion Ratio Lower Upper

94 100

65 31.2 11.3 51.3

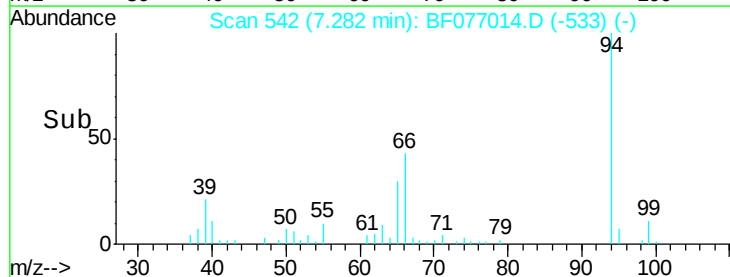
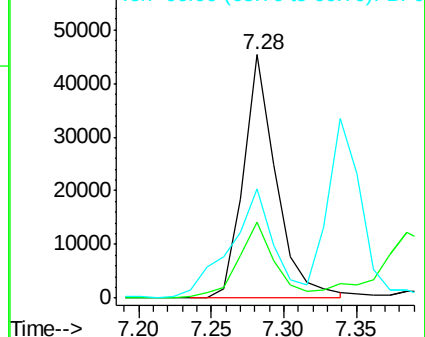
66 45.1 19.5 59.5

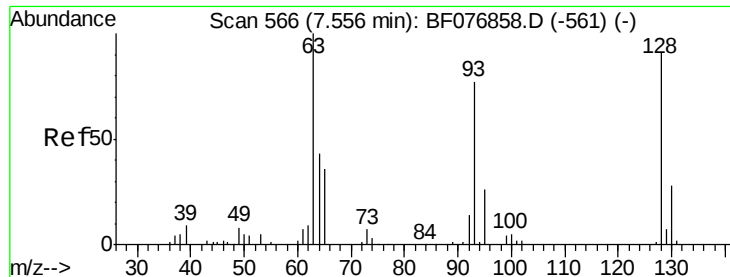


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.31 ng

RT: 7.40 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

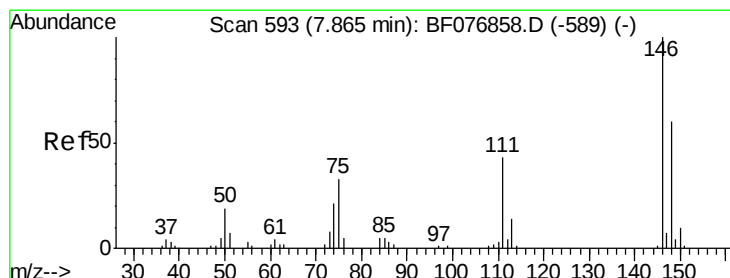
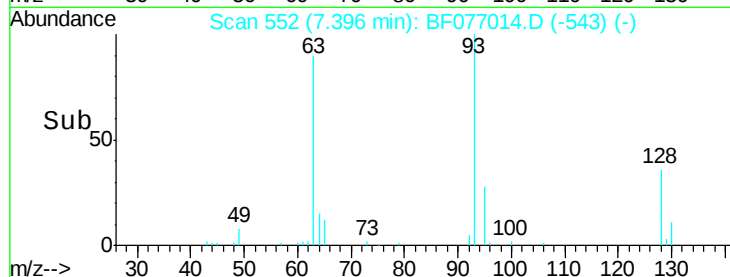
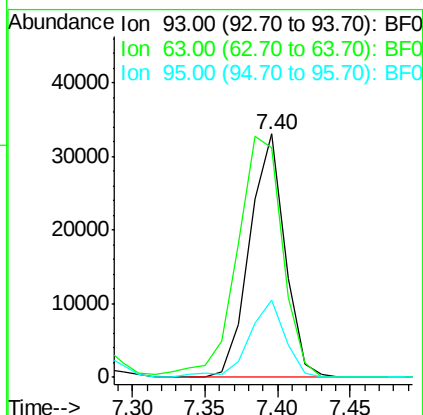
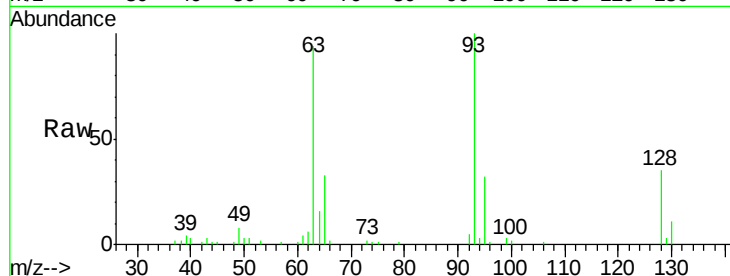
Tot Ion: 93 Resp: 55604

Ion Ratio Lower Upper

93 100

63 94.1 111.3 151.3#

95 31.8 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 34.20 ng

RT: 7.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

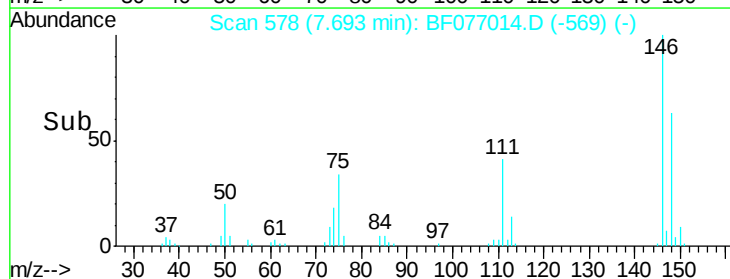
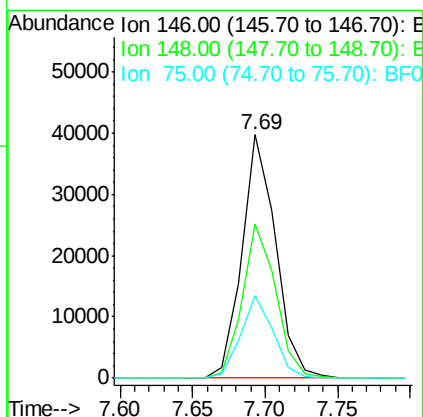
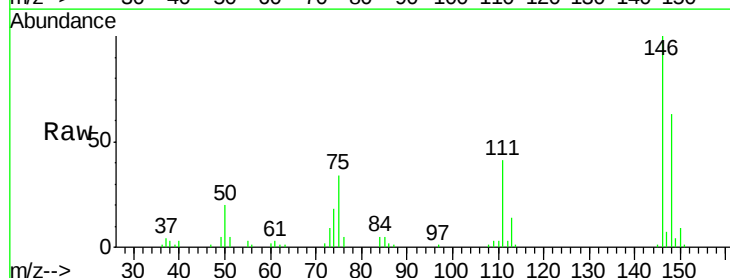
Tgt Ion: 146 Resp: 63774

Ion Ratio Lower Upper

146 100

148 63.4 48.1 72.1

75 34.0 26.8 40.2

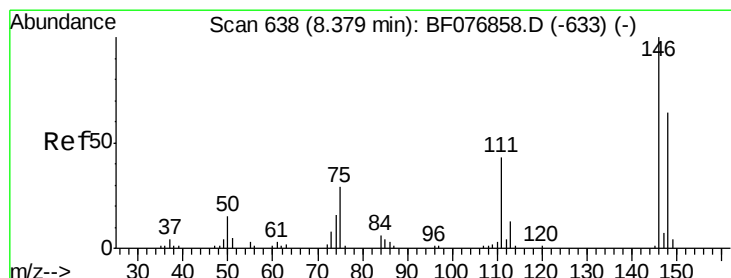
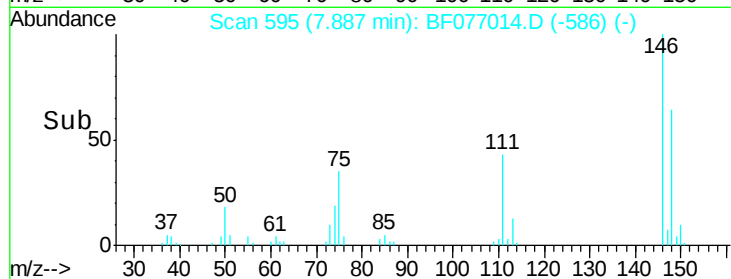
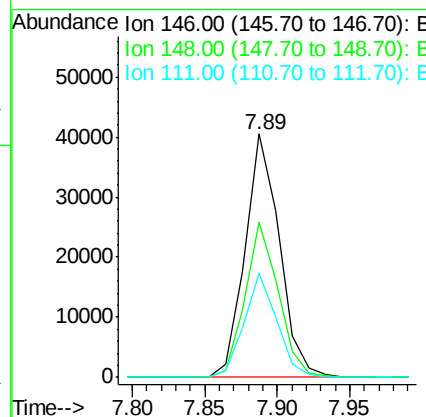
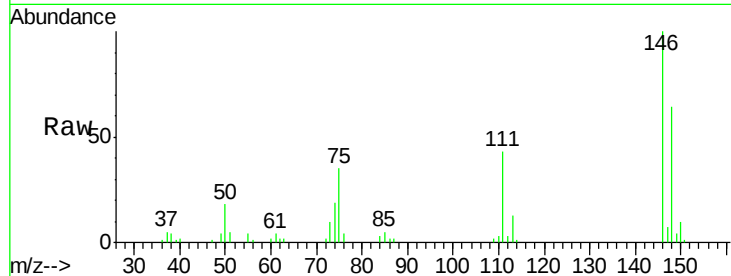




#13
 1,4-Dichlorobenzene
 Concen: 33.58 ng
 RT: 7.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

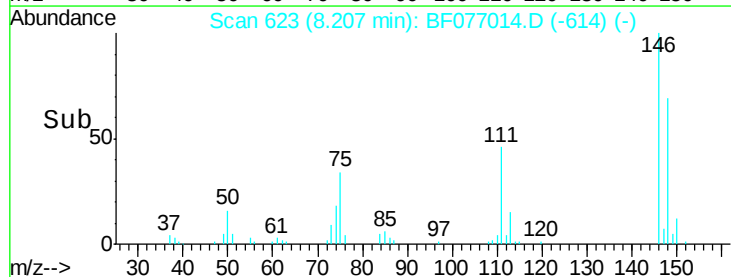
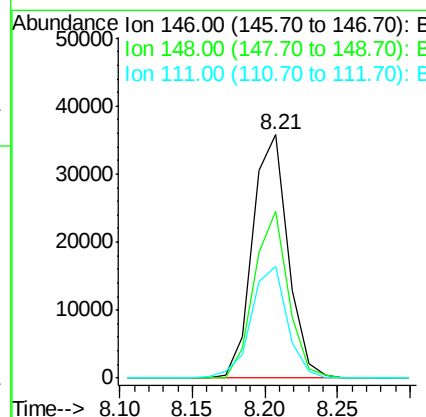
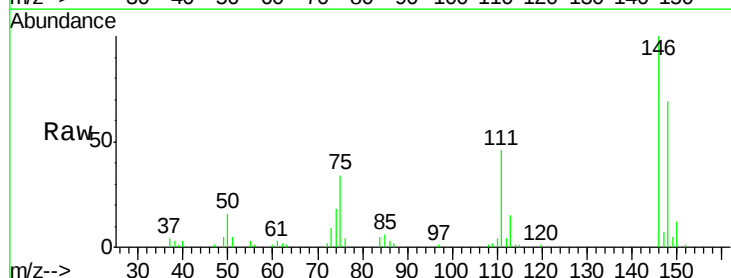
Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion:146 Resp: 66401
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.5 77.3
 111 42.8 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 33.27 ng
 RT: 8.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:146 Resp: 60617
 Ion Ratio Lower Upper
 146 100
 148 68.5 51.3 76.9
 111 45.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 34.62 ng

RT: 8.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

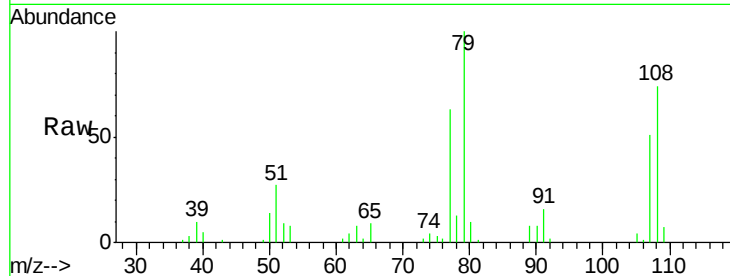
Tot Ion: 79 Resp: 50250

Ion Ratio Lower Upper

79 100

108 74.0 57.2 85.8

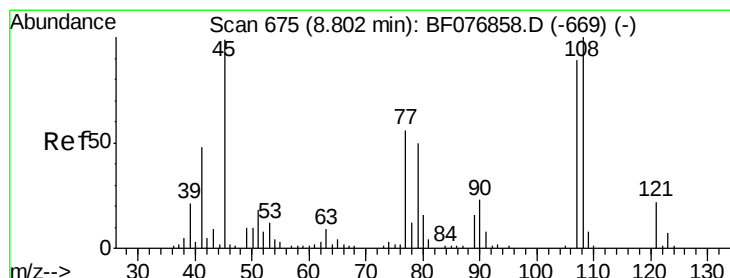
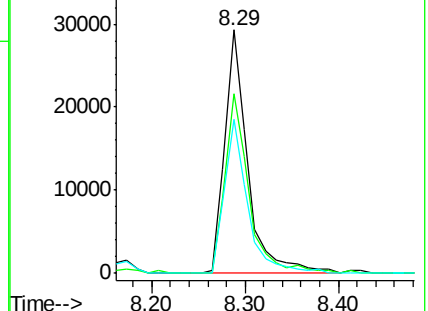
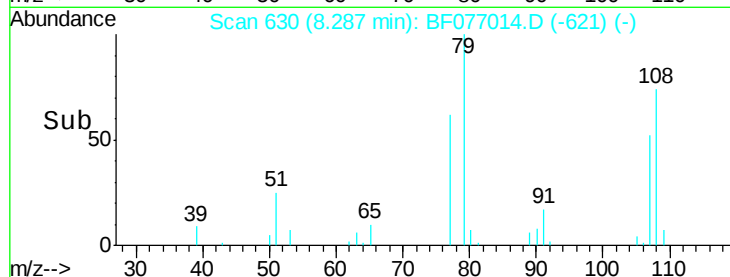
77 63.0 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.81 ng

RT: 8.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

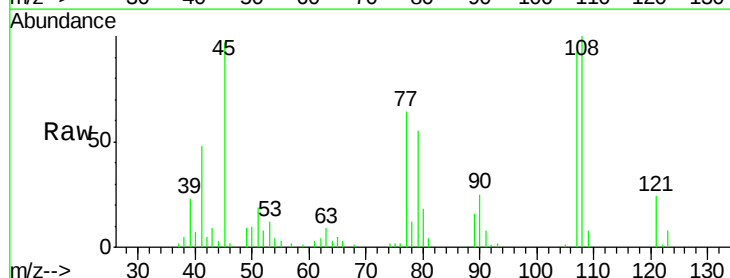
Tgt Ion: 45 Resp: 67728

Ion Ratio Lower Upper

45 100

77 65.7 36.1 76.1

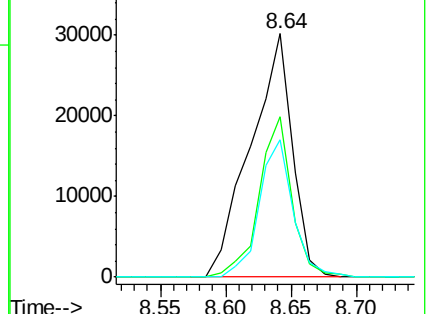
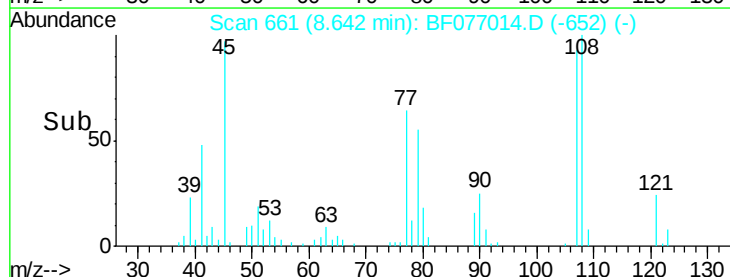
79 56.6 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.29 ng

RT: 8.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleID :

PB81460BS

Tot Ion:107 Resp: 48607

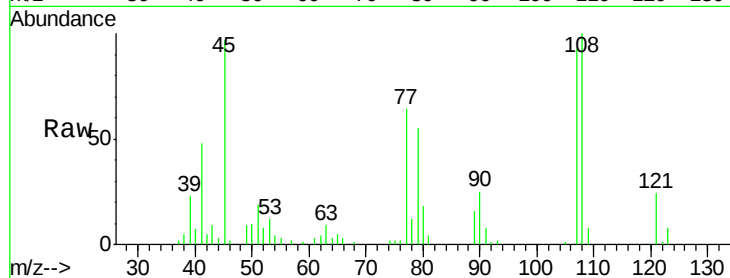
Ion Ratio Lower Upper

107 100

108 107.3 89.7 134.5

77 68.5 50.1 75.1

79 59.0 45.0 67.6

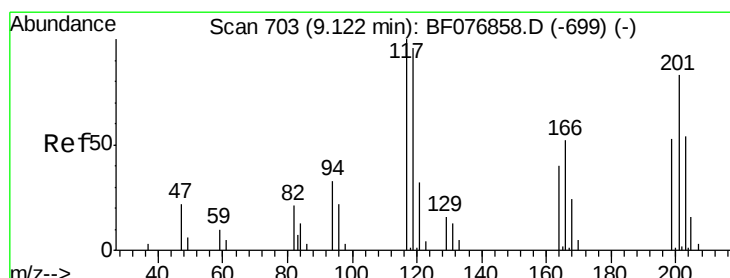
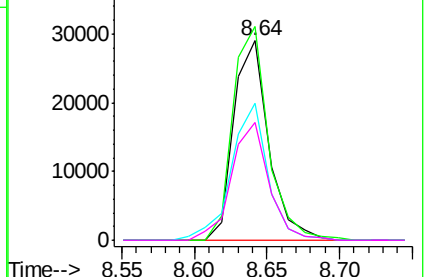
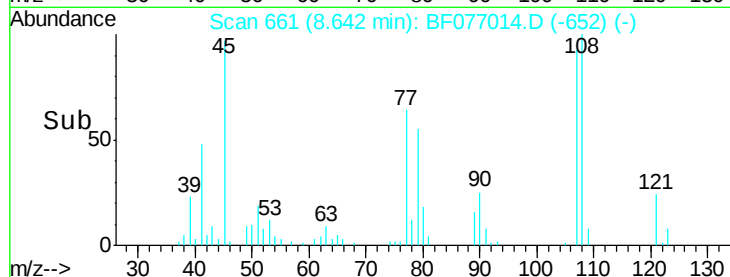


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.39 ng

RT: 8.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

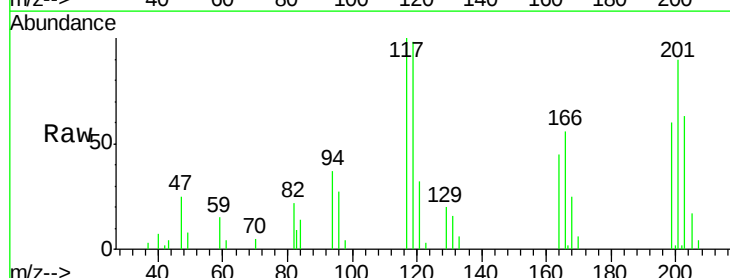
Tgt Ion:117 Resp: 23657

Ion Ratio Lower Upper

117 100

119 97.8 77.1 115.7

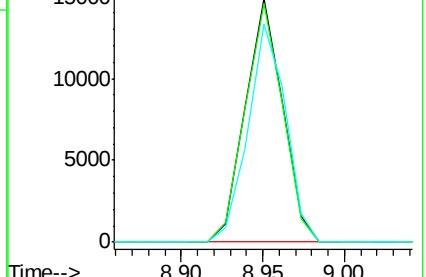
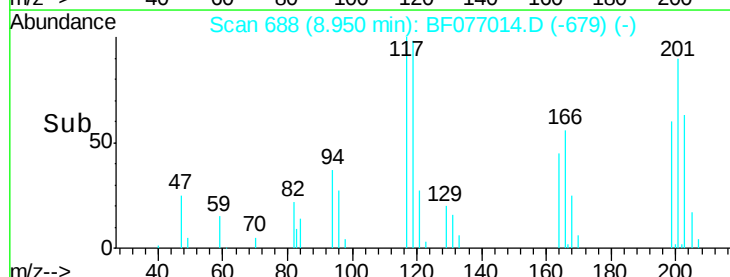
201 89.6 66.8 100.2

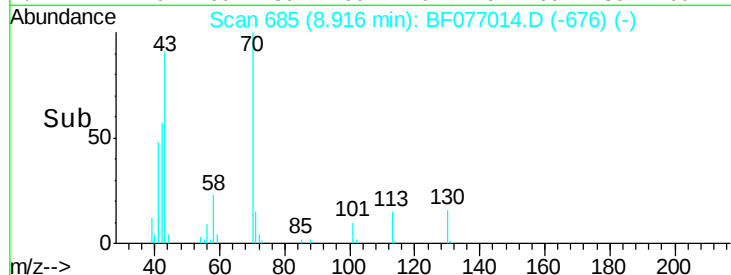
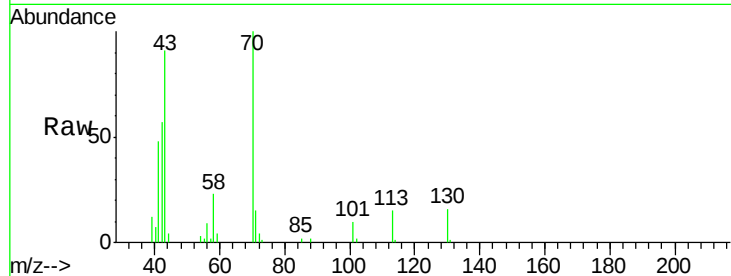
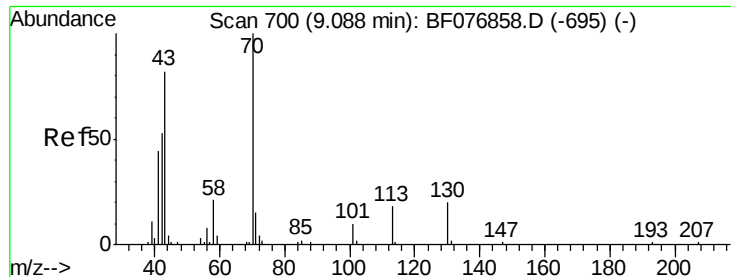


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

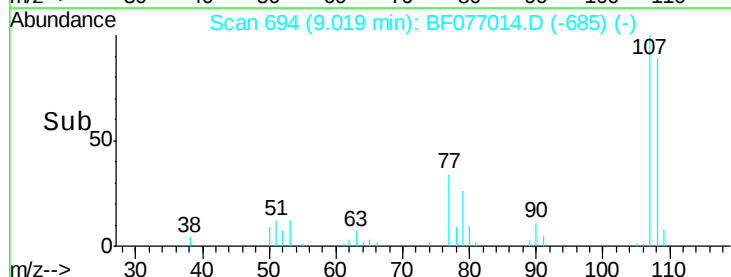
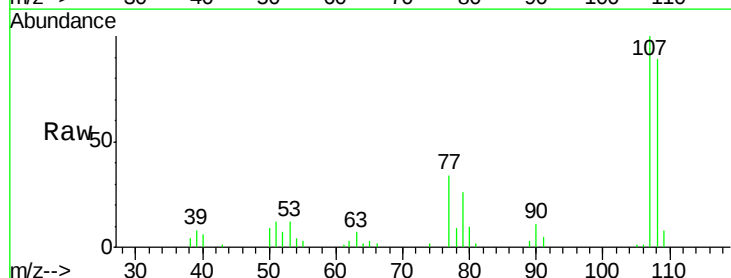
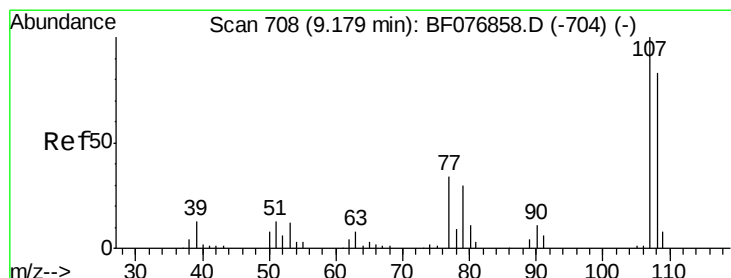
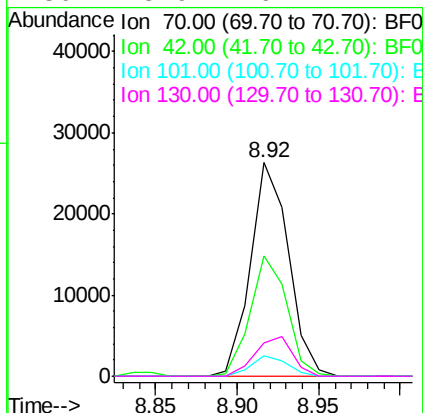




#19
n-Nitroso-di-n-propylamine
Concen: 33.97 ng
RT: 8.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

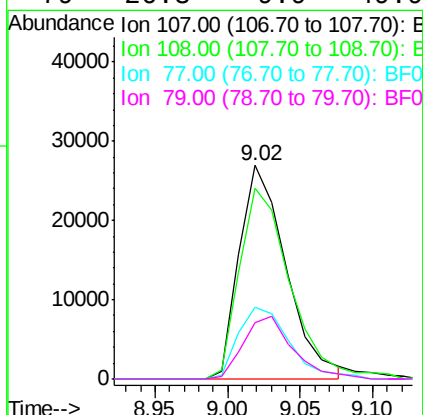
Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:	70	Resp:	42656
Ion	Ratio	Lower	Upper
70	100		
42	56.6	42.1	63.1
101	9.8	7.8	11.8
130	15.9	16.2	24.4#



#20
3+4-Methylphenols
Concen: 34.17 ng
RT: 9.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:	107	Resp:	60597
Ion	Ratio	Lower	Upper
107	100		
108	89.0	63.5	103.5
77	33.7	14.0	54.0
79	26.3	9.9	49.9

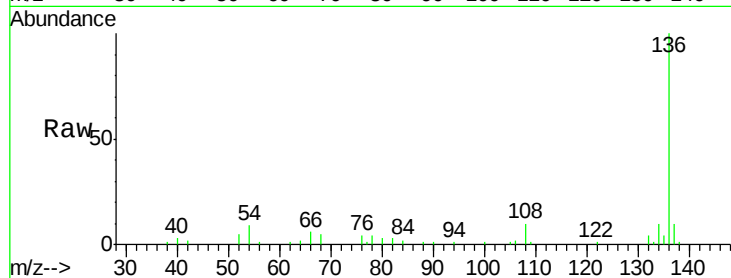




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:136	Resp:	96465	
Ion Ratio	Lower	Upper	
136 100			
137 10.0	8.1	12.1	
54 9.2	7.0	10.4	
68 4.9	3.7	5.5	

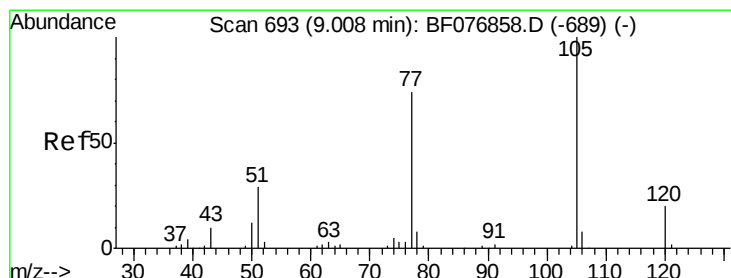
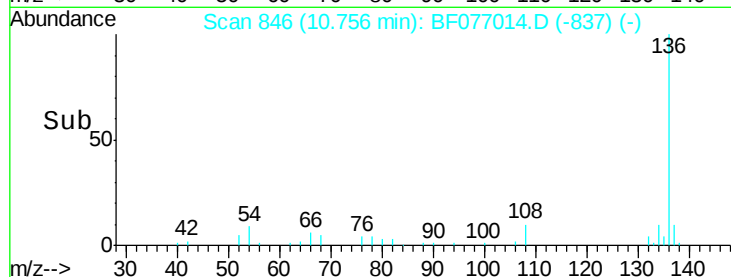
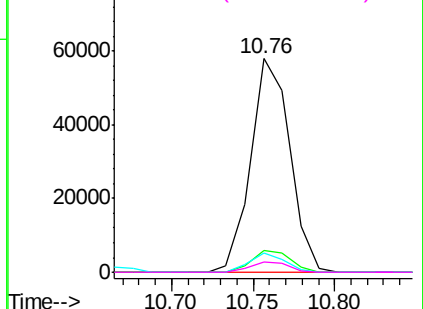


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

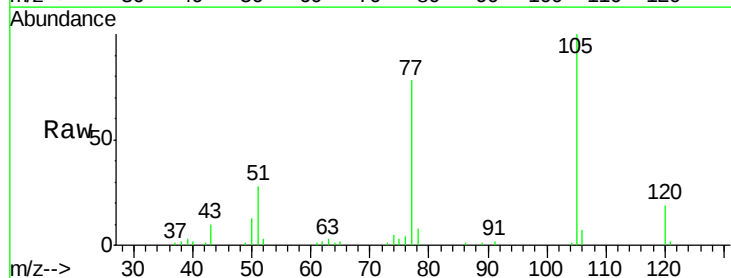
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.15 ng
RT: 8.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt	Ion:105	Resp:	87767
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.0	23.3	34.9
120	18.5	16.1	24.1

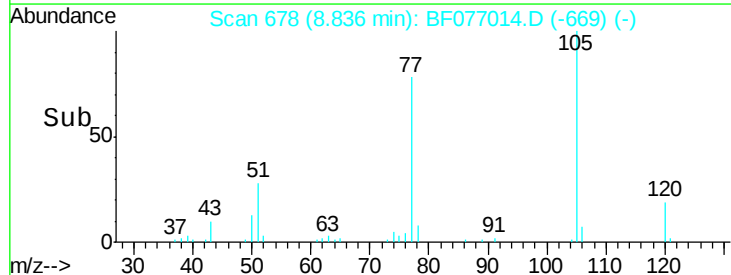
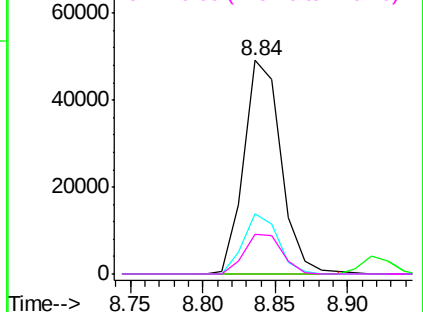


Abundance Ion 105.00 (104.70 to 105.70): E

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

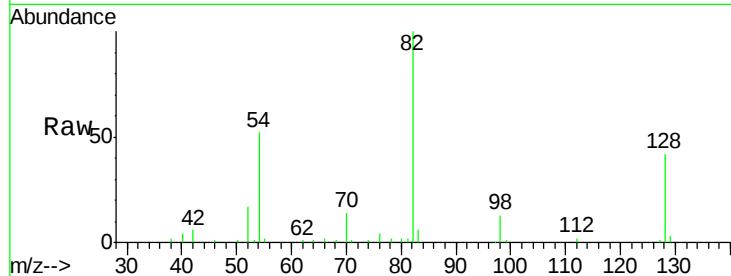




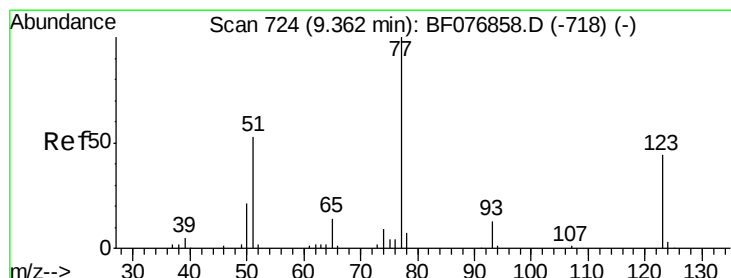
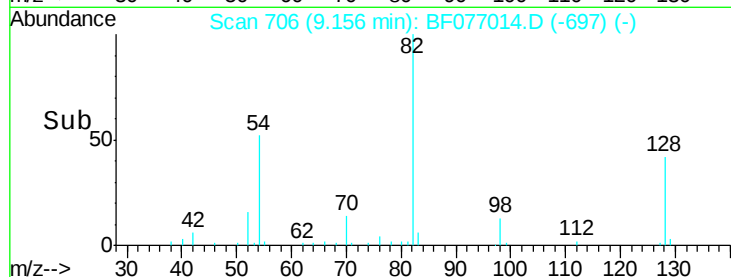
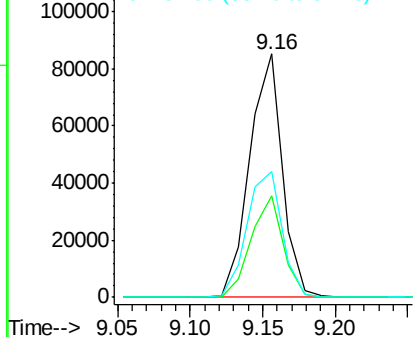
#23
Nitrobenzene-d5
Concen: 76.17 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion: 82 Resp: 132634
Ion Ratio Lower Upper
82 100
128 42.0 33.1 49.7
54 51.5 48.3 72.5

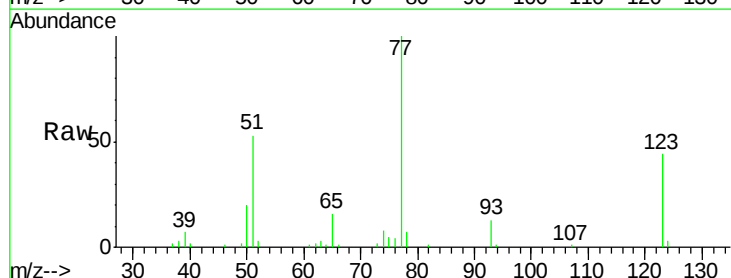


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

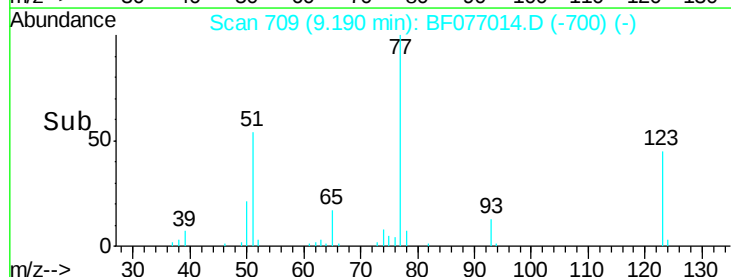
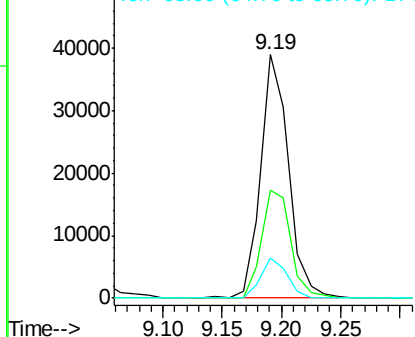


#24
Nitrobenzene
Concen: 36.03 ng
RT: 9.19 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion: 77 Resp: 63915
Ion Ratio Lower Upper
77 100
123 44.5 35.2 52.8
65 16.3 11.4 17.2



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





#25

Isophorone

Concen: 36.14 ng

RT: 9.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

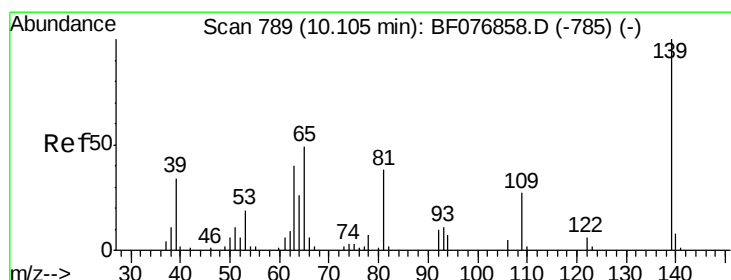
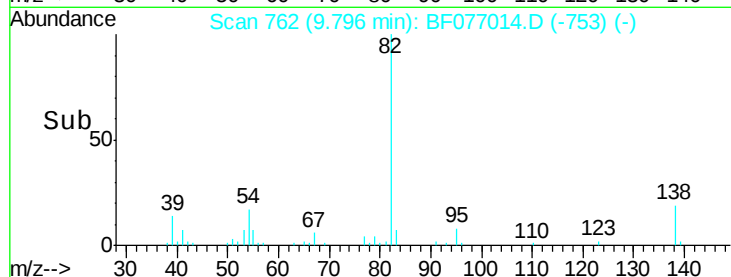
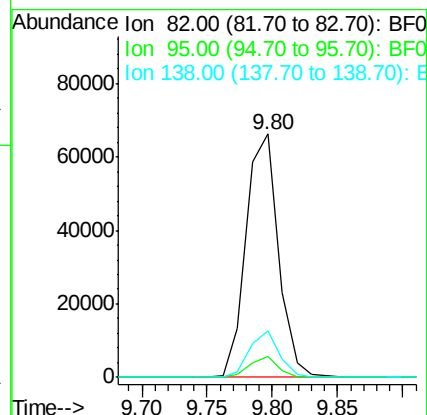
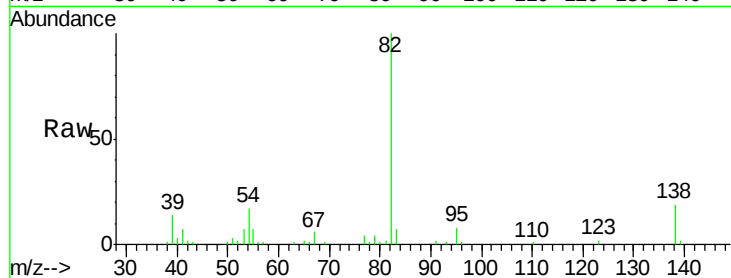
Tot Ion: 82 Resp: 114605

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

138 19.0 12.6 18.8#



#26

2-Nitrophenol

Concen: 33.88 ng

RT: 9.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

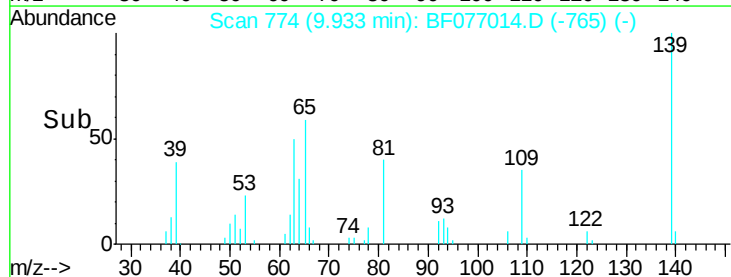
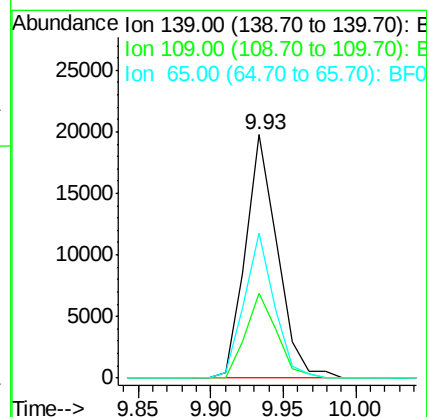
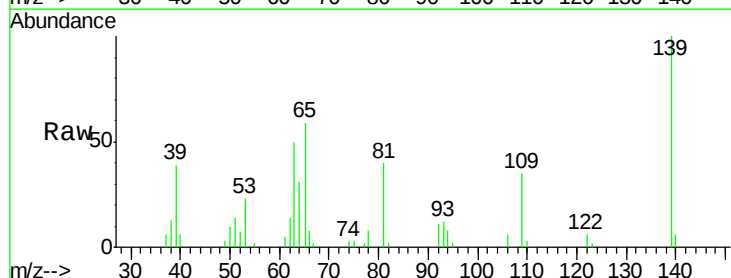
Tgt Ion: 139 Resp: 30289

Ion Ratio Lower Upper

139 100

109 35.1 21.3 31.9#

65 59.4 39.4 59.0#





#27

2,4-Dimethylphenol

Concen: 38.72 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

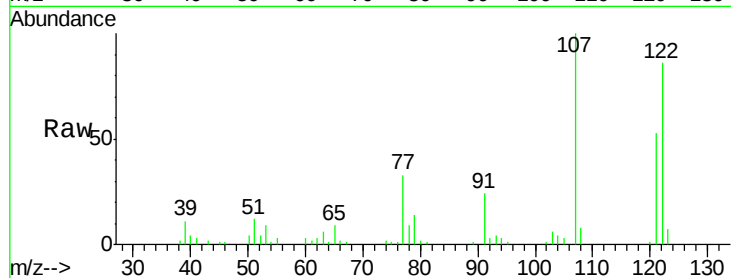
Tot Ion:122 Resp: 53105

Ion Ratio Lower Upper

122 100

107 116.7 95.2 142.8

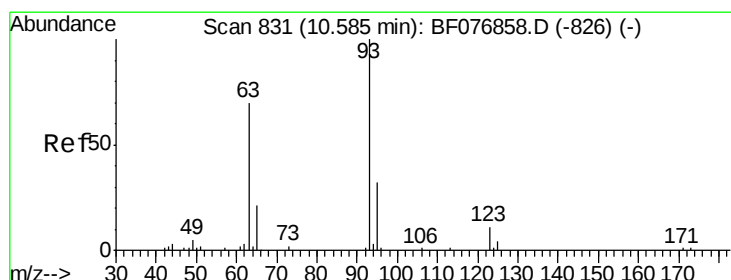
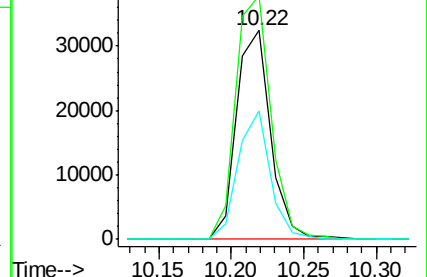
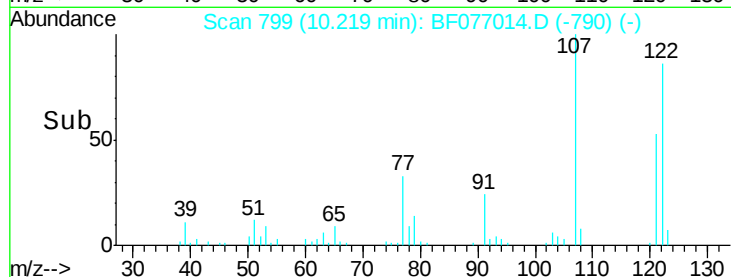
121 61.7 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.92 ng

RT: 10.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

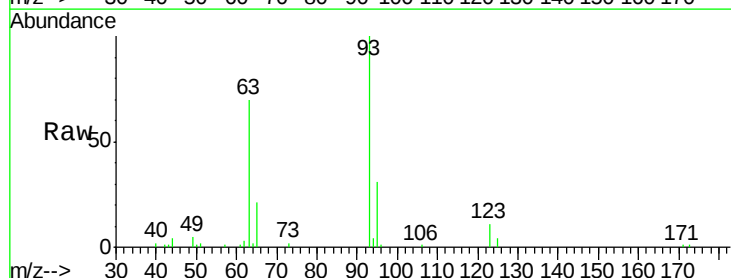
Tgt Ion: 93 Resp: 70143

Ion Ratio Lower Upper

93 100

95 31.4 25.6 38.4

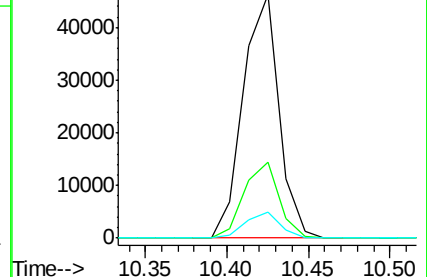
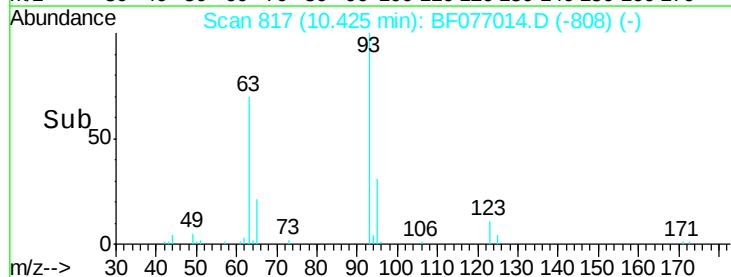
123 10.7 8.9 13.3

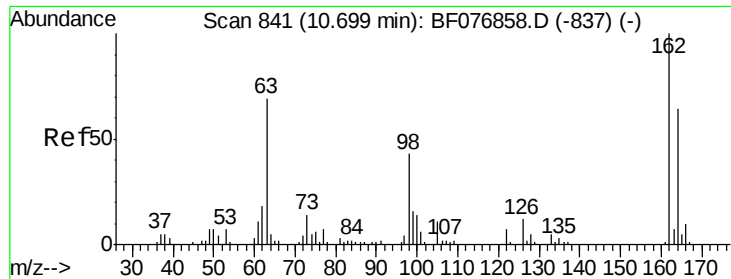


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

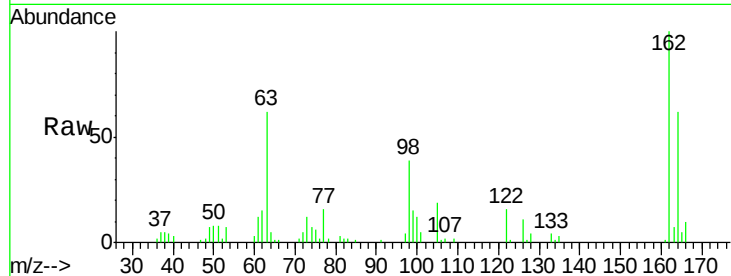




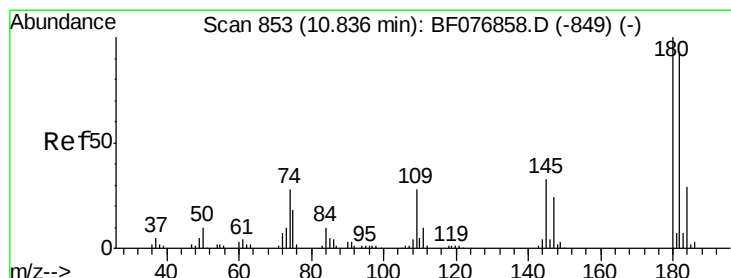
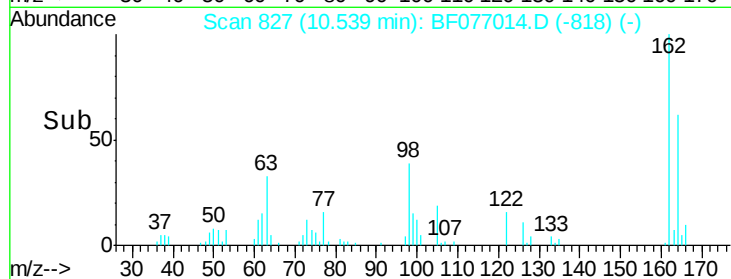
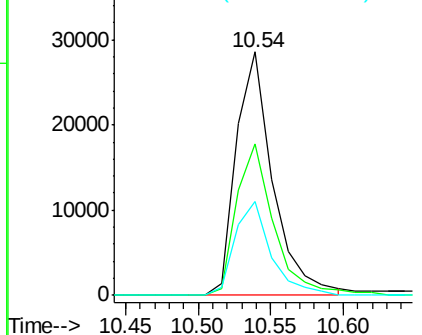
#29
 2,4-Dichlorophenol
 Concen: 39.37 ng
 RT: 10.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion:162 Resp: 50338
 Ion Ratio Lower Upper
 162 100
 164 62.2 43.8 83.8
 98 38.8 22.5 62.5

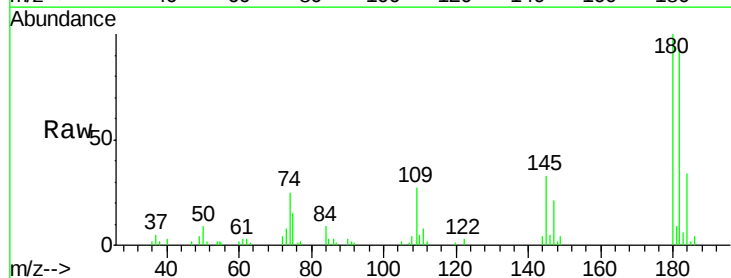


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

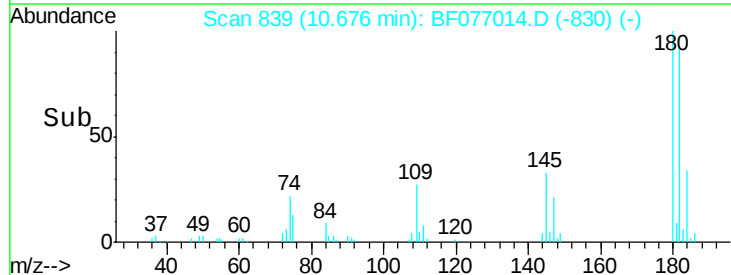
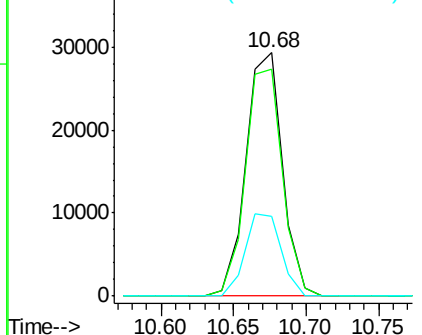


#30
 1,2,4-Trichlorobenzene
 Concen: 35.84 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:180 Resp: 50887
 Ion Ratio Lower Upper
 180 100
 182 93.0 73.6 110.4
 145 32.5 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

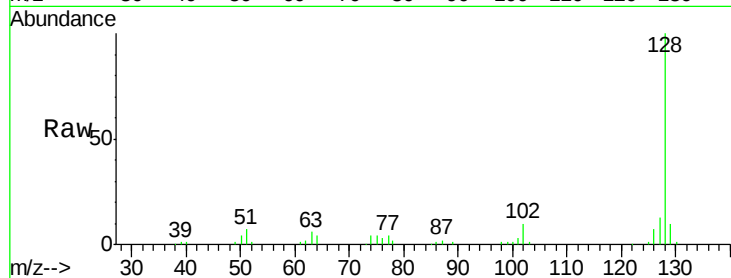




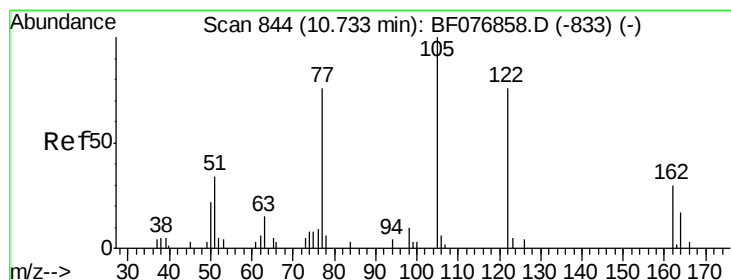
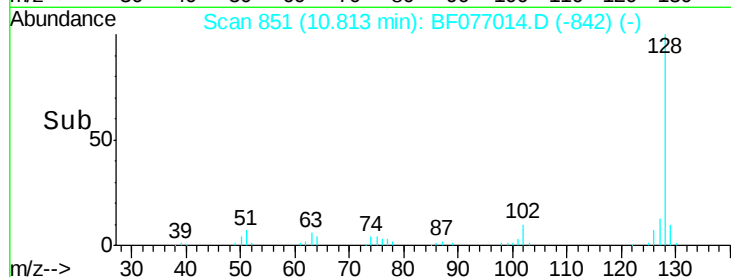
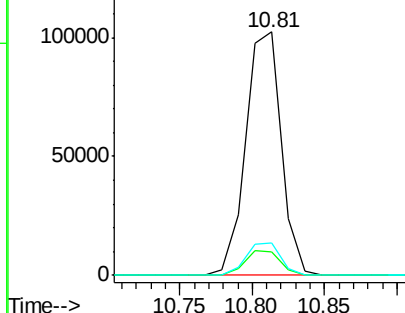
#31
Naphthalene
Concen: 34.92 ng
RT: 10.81 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:128 Resp: 173417
Ion Ratio Lower Upper
128 100
129 9.7 9.0 13.6
127 13.3 10.2 15.2

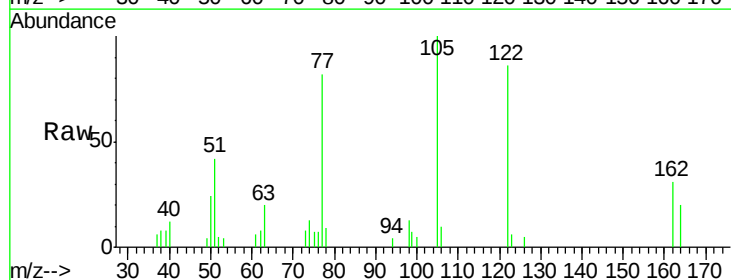


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

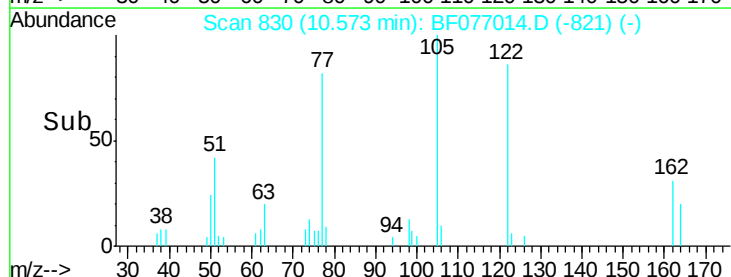
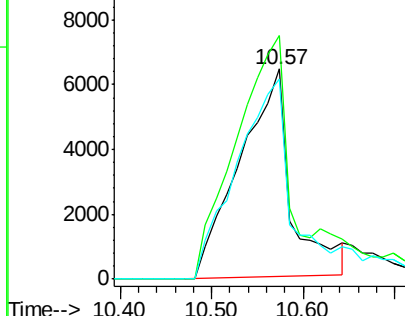


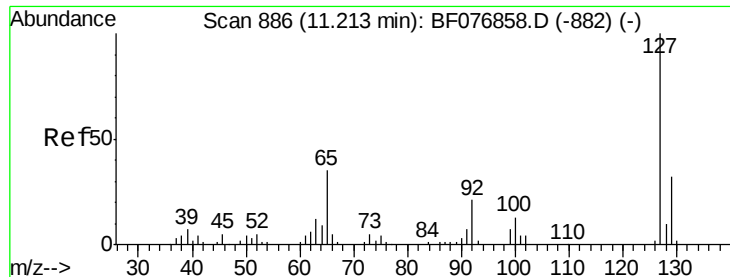
#32
Benzoic acid
Concen: 32.92 ng m
RT: 10.57 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:122 Resp: 25018
Ion Ratio Lower Upper
122 100
105 116.1 111.3 151.3
77 95.4 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

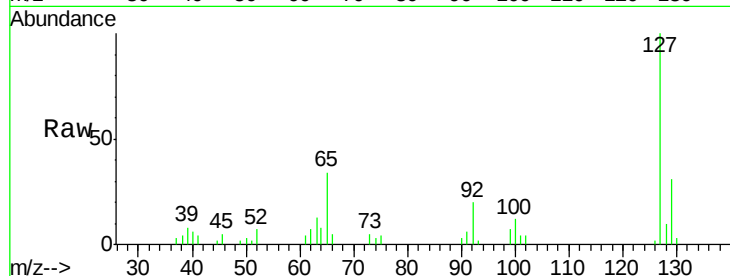




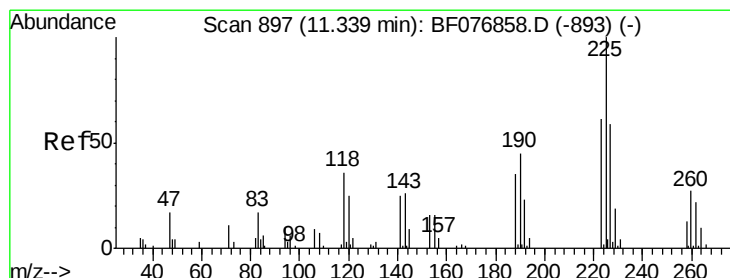
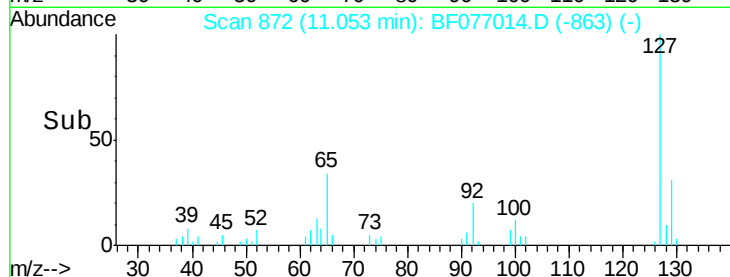
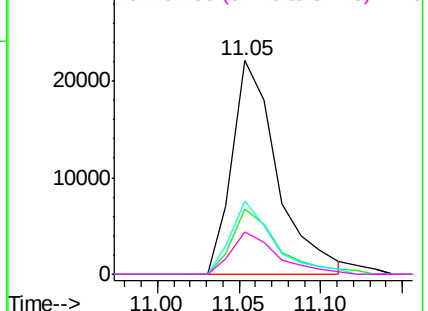
#33
4-Chloroaniline
Concen: 21.26 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:	127	Resp:	42656
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	34.3	27.8	41.6
92	19.8	16.5	24.7

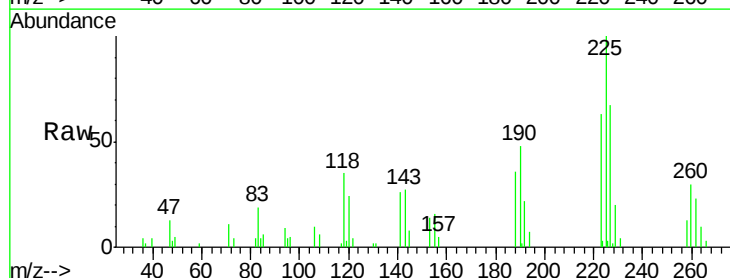


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

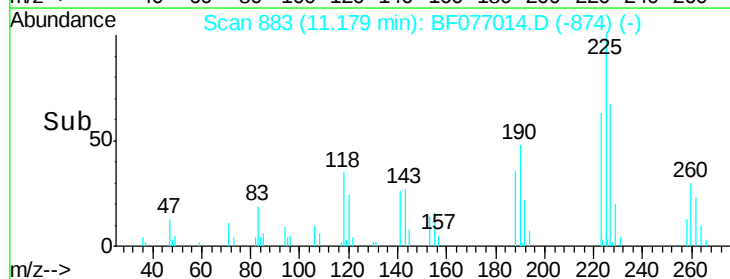
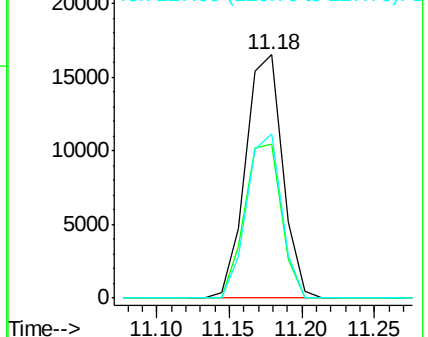


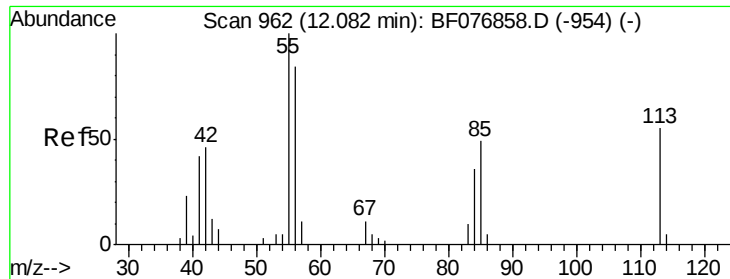
#34
Hexachlorobutadiene
Concen: 34.70 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:	225	Resp:	29231
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.1	73.7
227	67.3	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

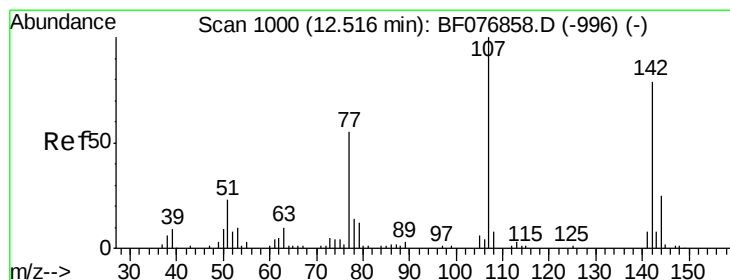
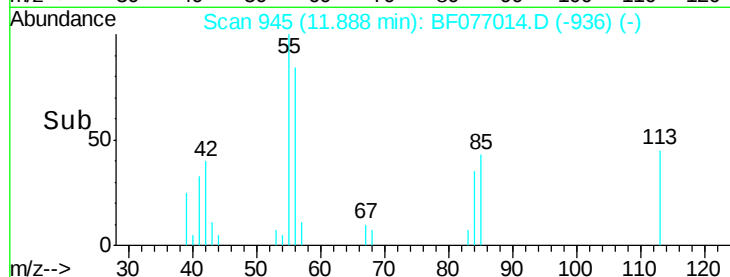
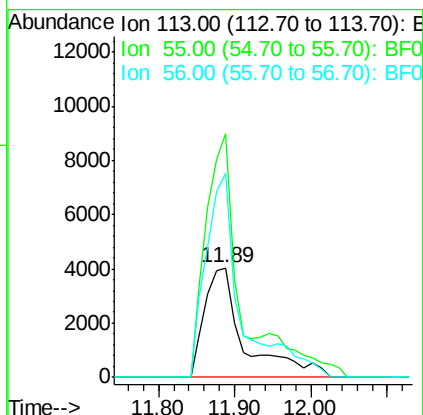
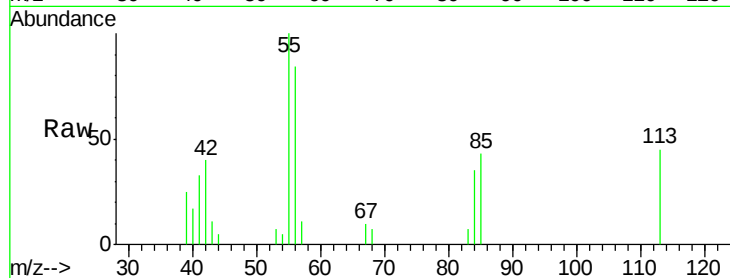




#35
 Caprolactam
 Concen: 38.40 ng/ml
 RT: 11.89 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

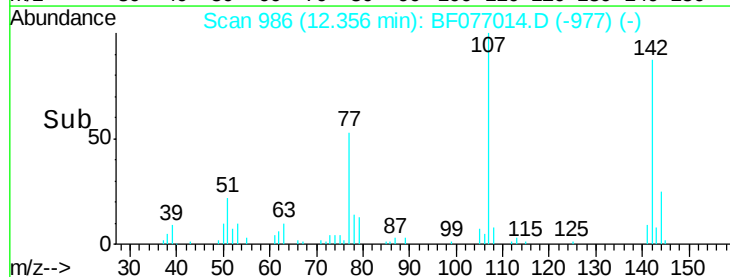
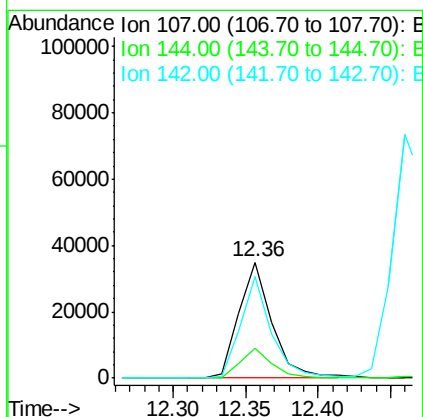
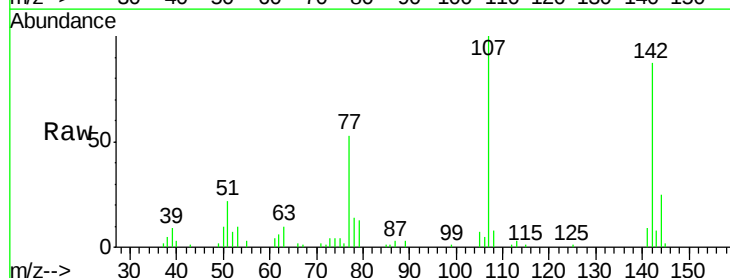
Instrument :
 BNA_F
 ClientSampleID :
 PB81460BS

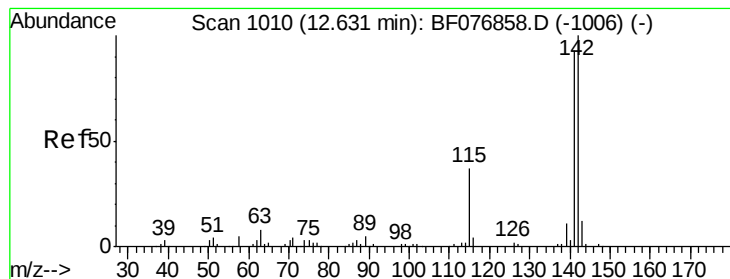
Tot Ion:113 Resp: 14452
 Ion Ratio Lower Upper
 113 100
 55 222.6 162.1 202.1#
 56 186.3 133.7 173.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.50 ng
 RT: 12.36 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:107 Resp: 54885
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 87.2 63.5 95.3

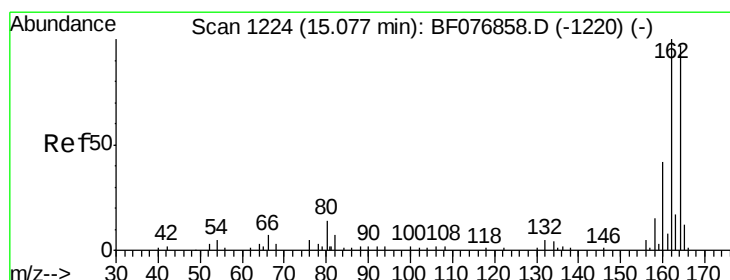
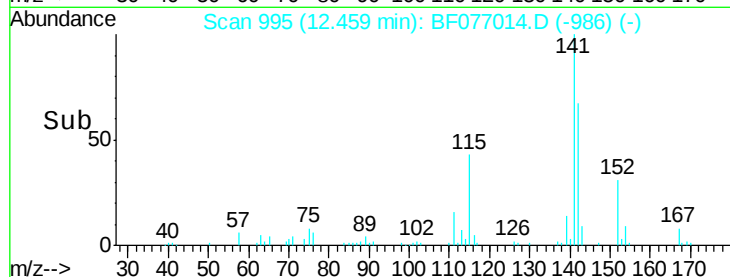
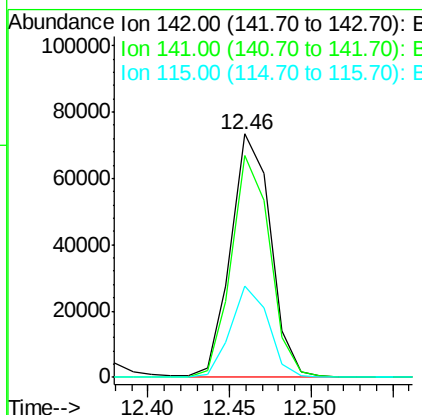
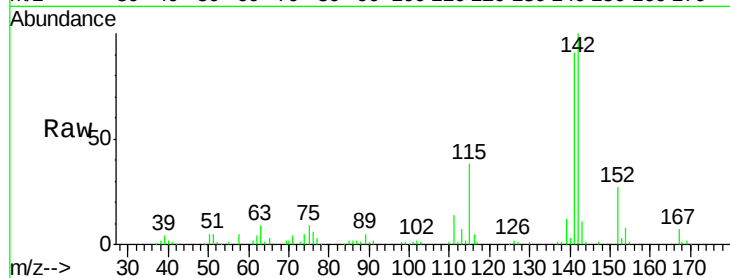




#37
2-Methylnaphthalene
Concen: 36.71 ng
RT: 12.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

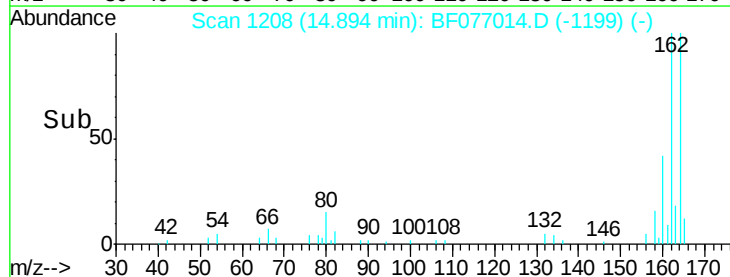
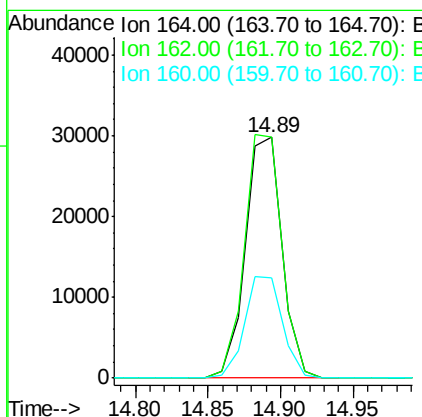
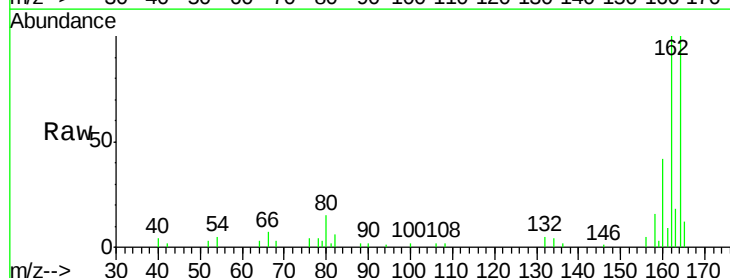
Instrument :
BNA_F
ClientSampleId :
PB81460BS

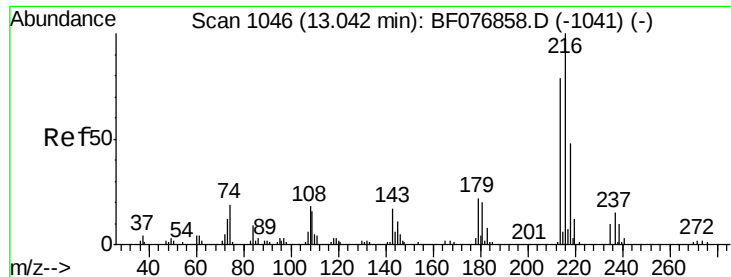
Tot Ion:142 Resp: 124511
Ion Ratio Lower Upper
142 100
141 91.0 74.5 111.7
115 37.6 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:164 Resp: 52128
Ion Ratio Lower Upper
164 100
162 100.3 82.4 123.6
160 41.7 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.40 ng

RT: 12.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

Tot Ion:216 Resp: 49488

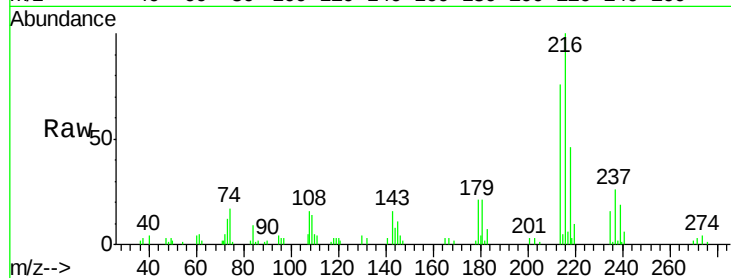
Ion Ratio Lower Upper

216 100

214 79.5 64.9 97.3

179 21.9 18.6 28.0

108 23.1 18.1 27.1

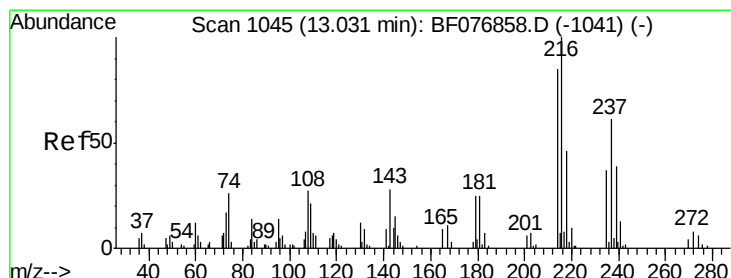
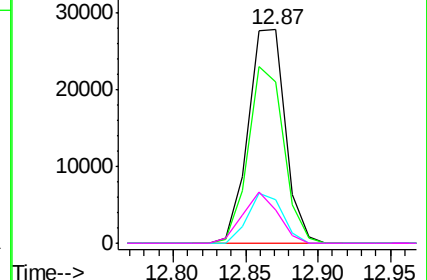
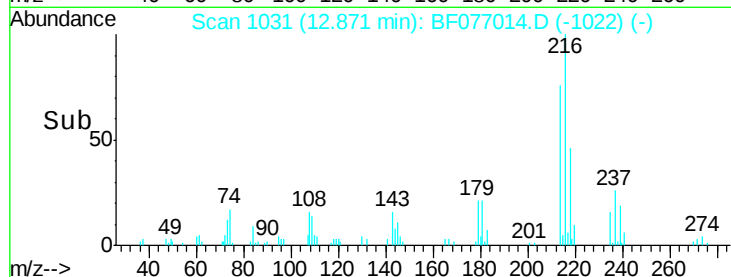


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.52 ng

RT: 12.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

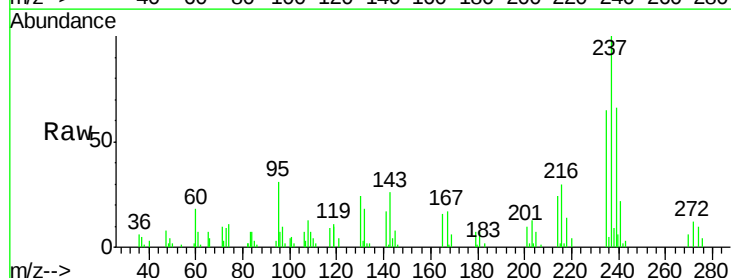
Tgt Ion:237 Resp: 50731

Ion Ratio Lower Upper

237 100

235 65.3 40.4 80.4

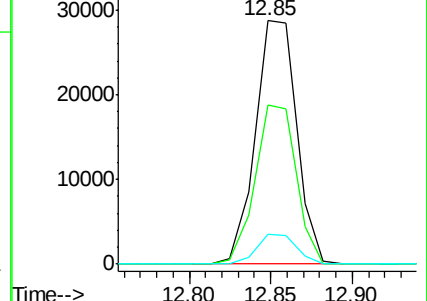
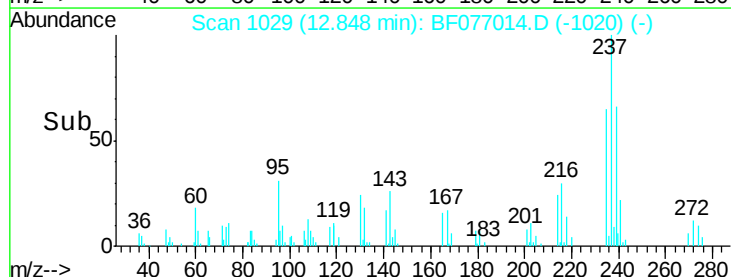
272 12.1 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

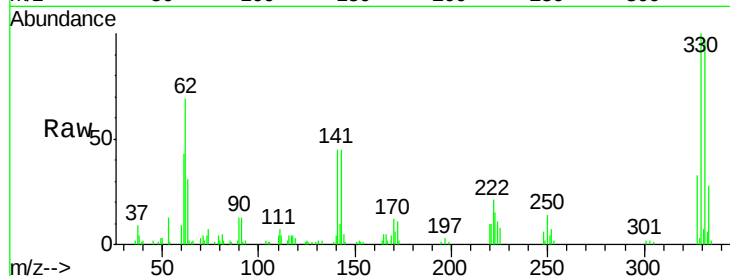




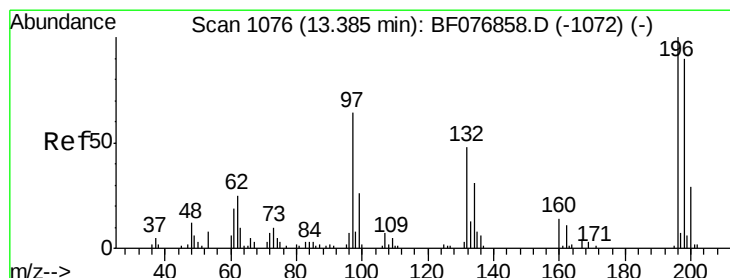
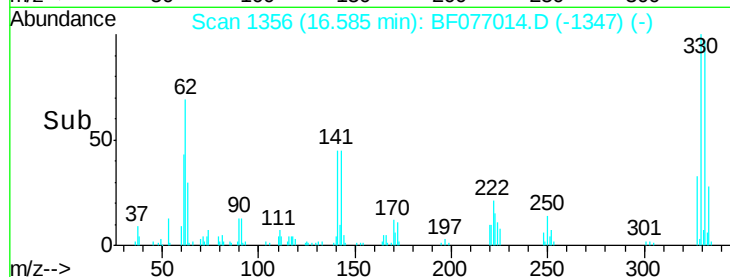
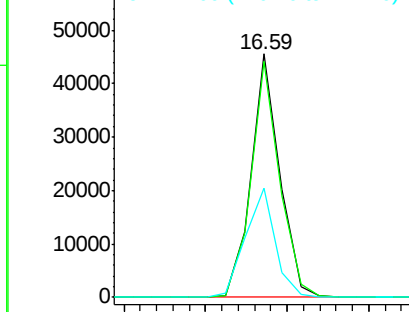
#41
 2,4,6-Tribromophenol
 Concen: 131.50 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion:330 Resp: 55644
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 46.5 38.5 57.7

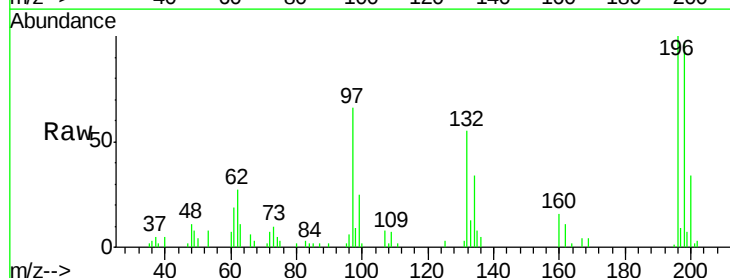


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

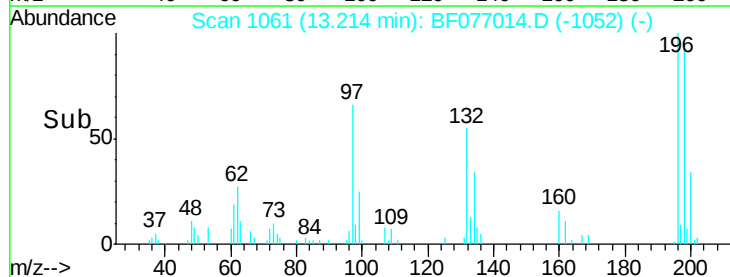
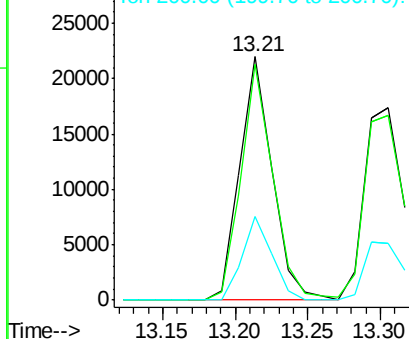


#42
 2,4,6-Trichlorophenol
 Concen: 36.52 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:196 Resp: 34291
 Ion Ratio Lower Upper
 196 100
 198 96.7 72.0 108.0
 200 34.5 23.4 35.2



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

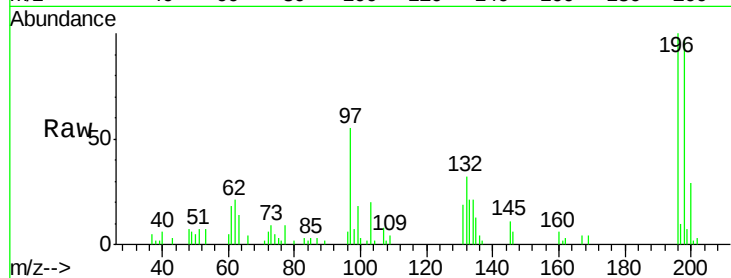




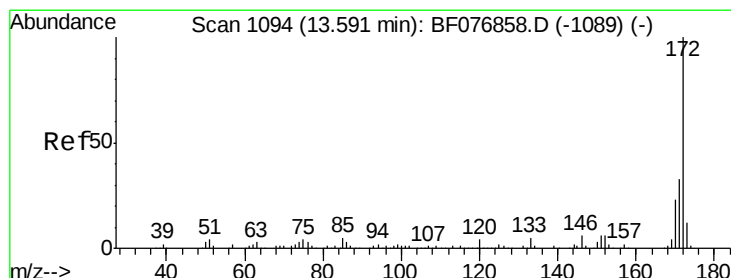
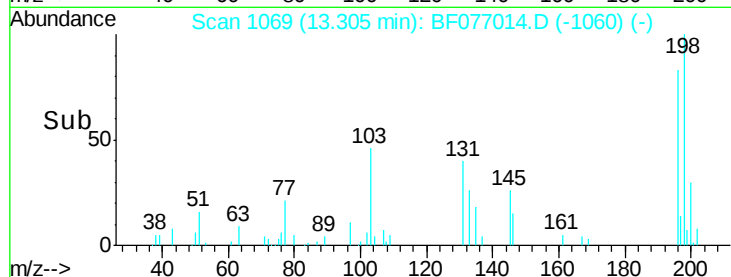
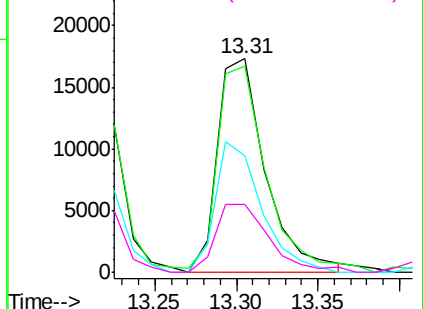
#43
2,4,5-Trichlorophenol
Concen: 36.98 ng
RT: 13.31 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:196 Resp: 35421
Ion Ratio Lower Upper
196 100
198 96.6 76.6 115.0
97 54.8 43.4 65.0
132 31.9 23.7 35.5

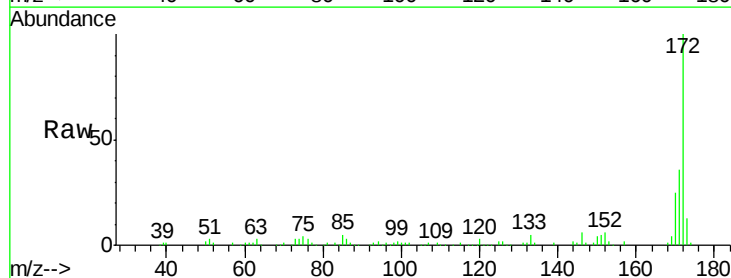


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

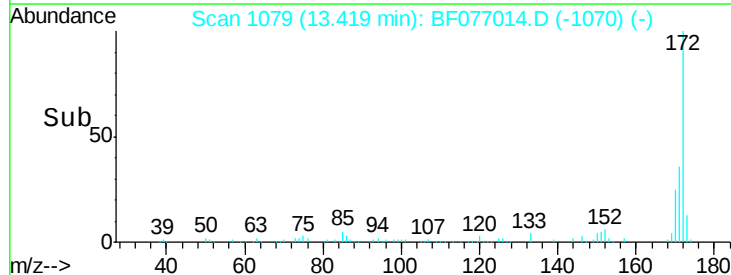
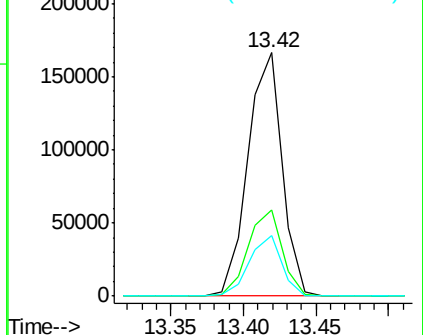


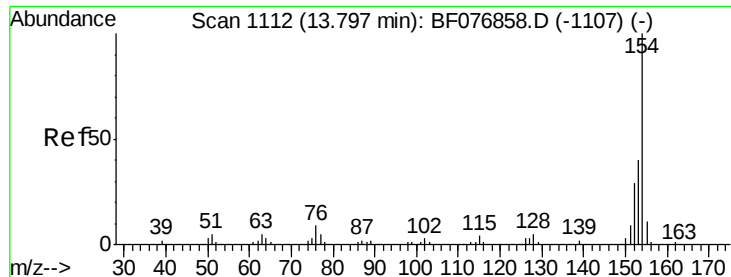
#44
2-Fluorobiphenyl
Concen: 79.43 ng
RT: 13.42 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:172 Resp: 272067
Ion Ratio Lower Upper
172 100
171 35.5 26.6 40.0
170 24.6 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

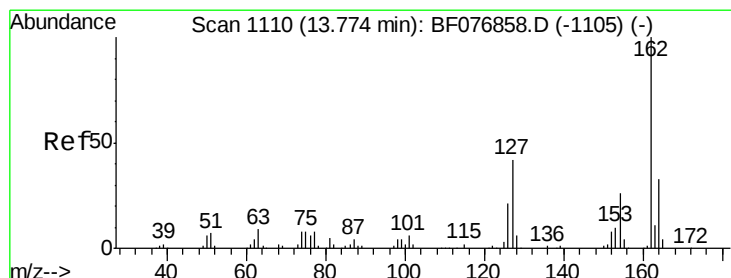
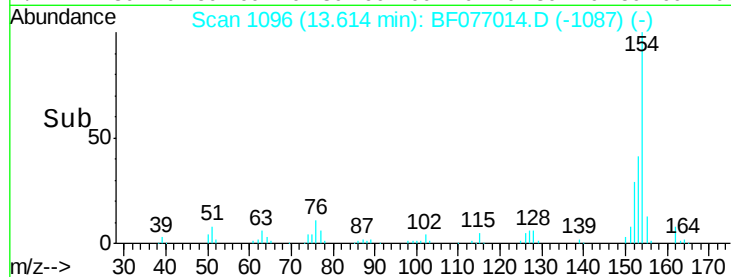
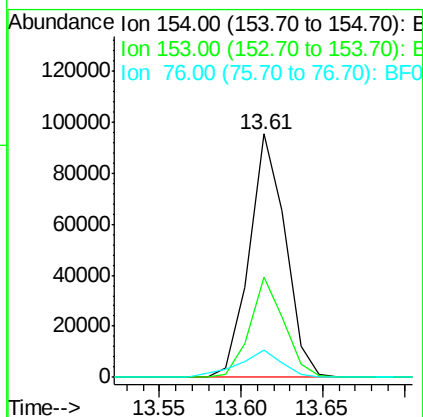
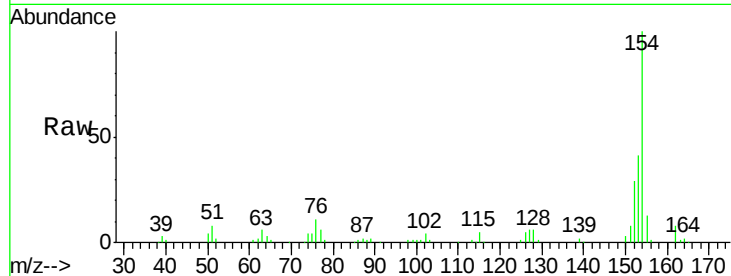




#45
 1,1'-Biphenyl
 Concen: 37.83 ng
 RT: 13.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

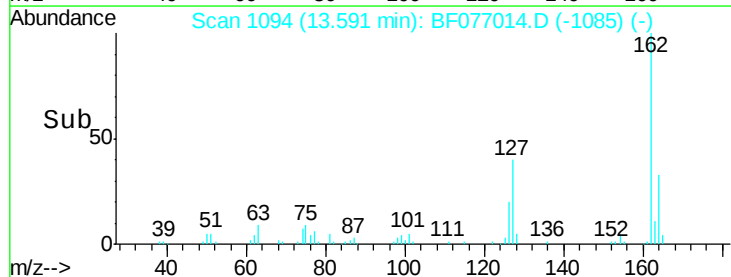
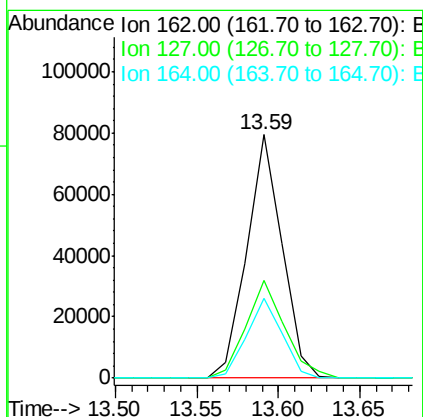
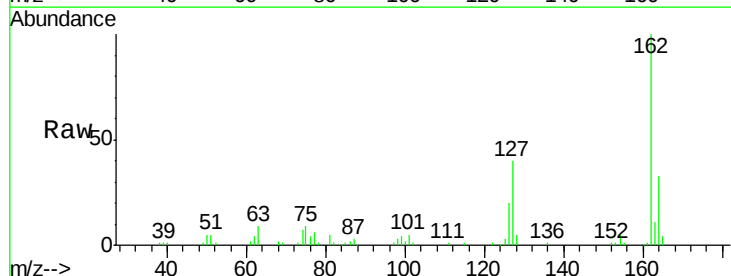
Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

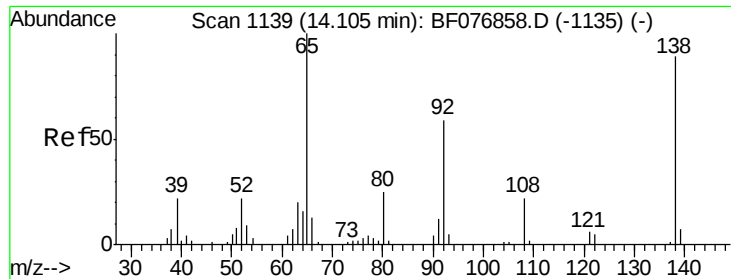
Tot Ion:154 Resp: 146187
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.2 60.2
 76 11.1 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 37.44 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:162 Resp: 119054
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.8 50.6
 164 32.9 26.8 40.2

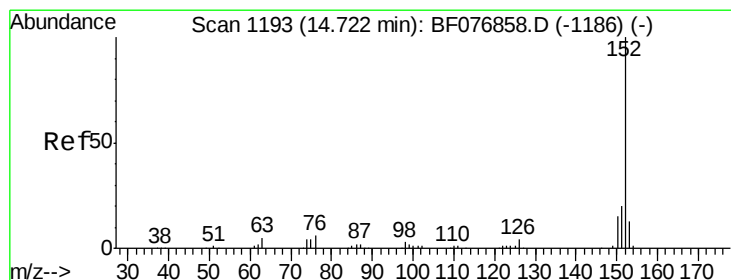
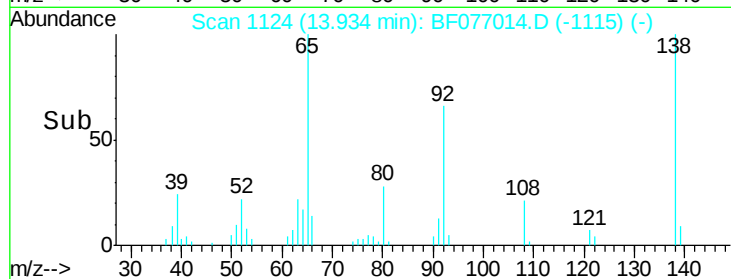
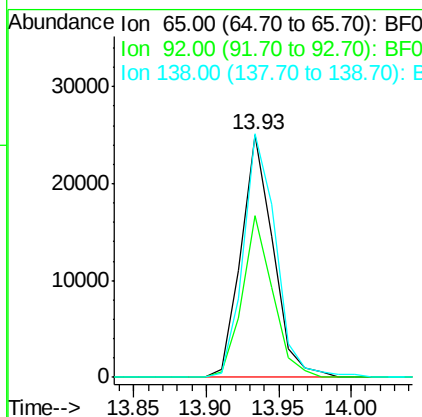
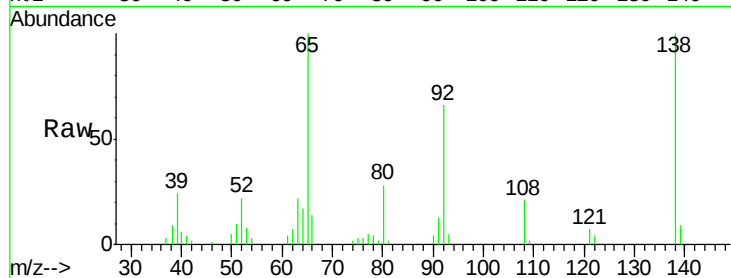




#47
2-Nitroaniline
Concen: 39.87 ng
RT: 13.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

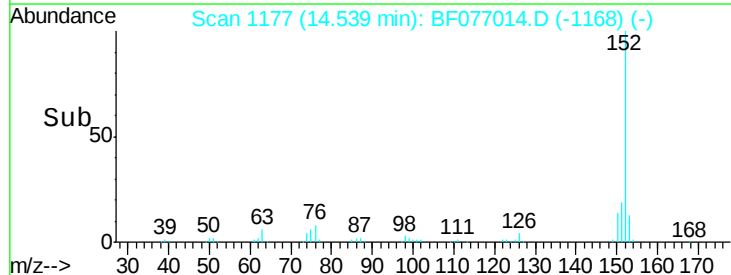
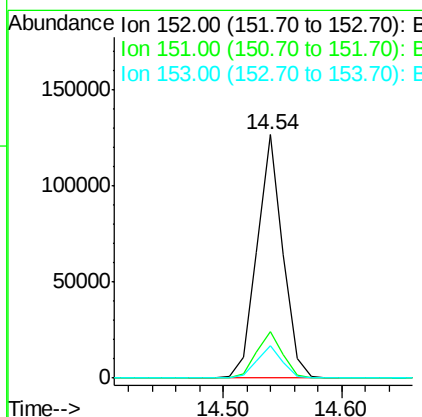
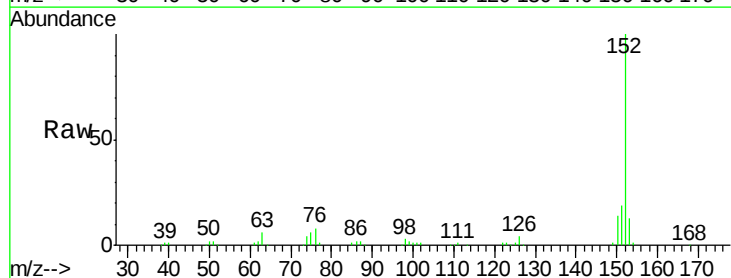
Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion: 65 Resp: 38459
Ion Ratio Lower Upper
65 100
92 66.5 47.3 70.9
138 100.4 71.4 107.2



#48
Acenaphthylene
Concen: 35.80 ng
RT: 14.54 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion: 152 Resp: 192039
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 13.1 10.2 15.4

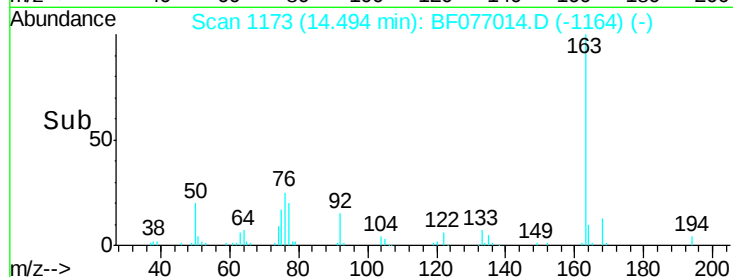
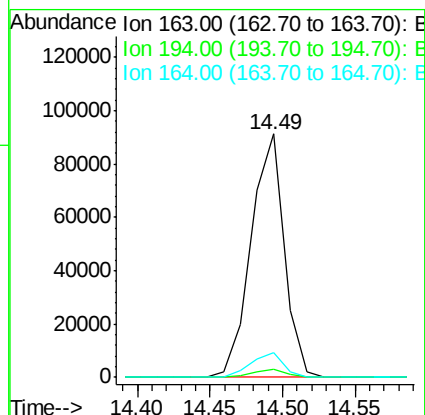
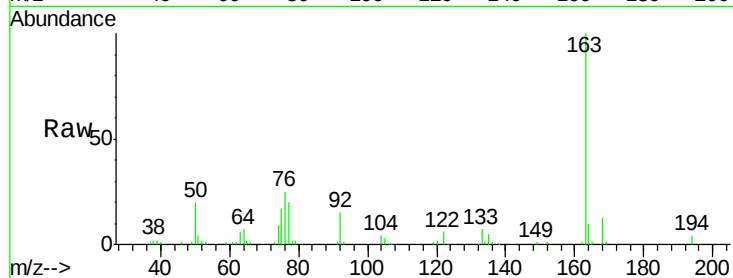




#49
Dimethylphthalate
Concen: 39.11 ng
RT: 14.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

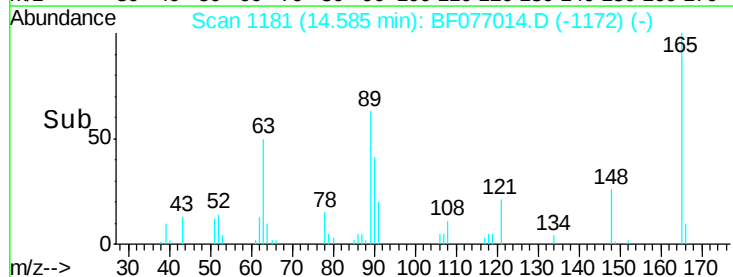
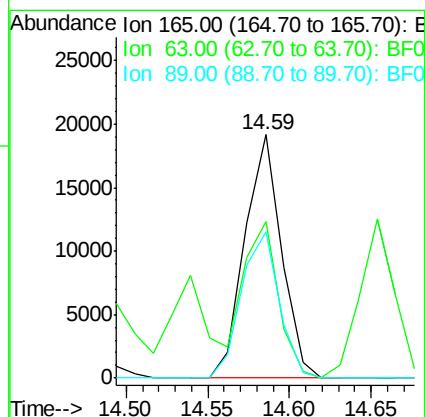
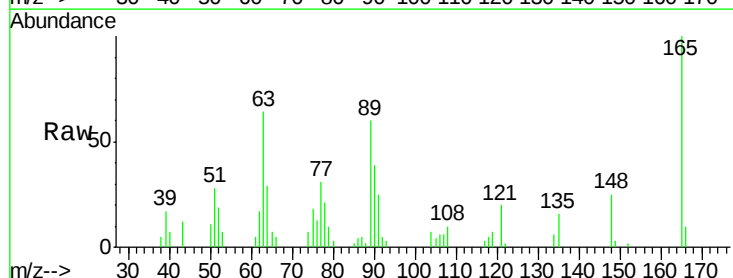
Instrument :
BNA_F
ClientSampleId :
PB81460BS

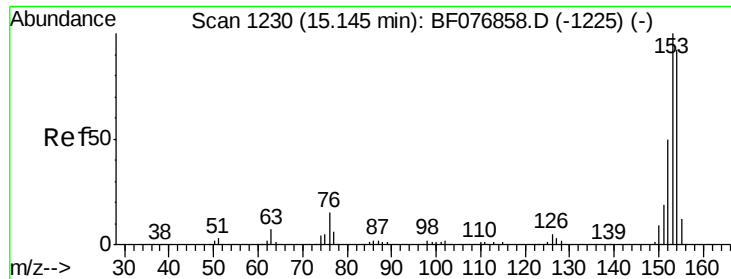
Tot Ion:163 Resp: 144572
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 40.33 ng
RT: 14.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:165 Resp: 29788
Ion Ratio Lower Upper
165 100
63 64.1 48.1 72.1
89 60.0 47.2 70.8





#51

Acenaphthene

Concen: 35.91 ng

RT: 14.96 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

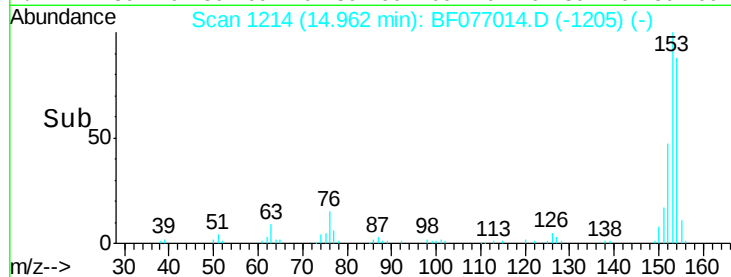
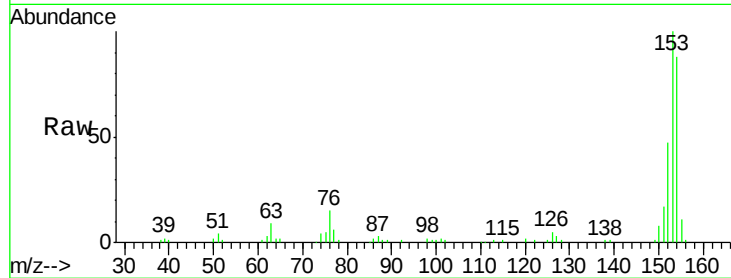
Tot Ion:154 Resp: 109303

Ion Ratio Lower Upper

154 100

153 113.3 87.0 130.6

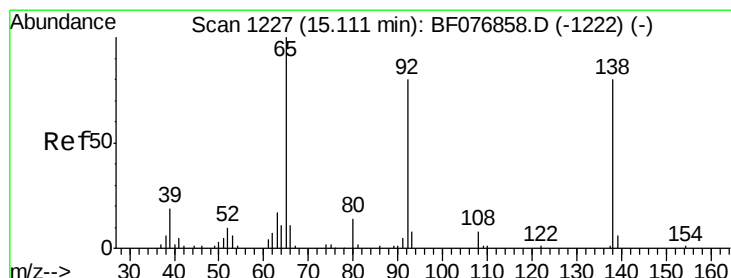
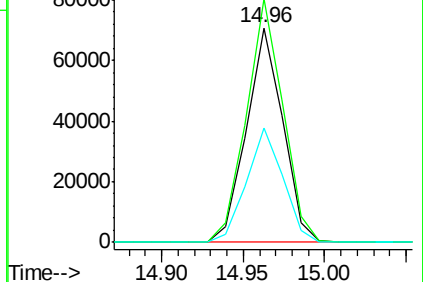
152 53.0 43.5 65.3



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: 26.24 ng

RT: 14.93 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

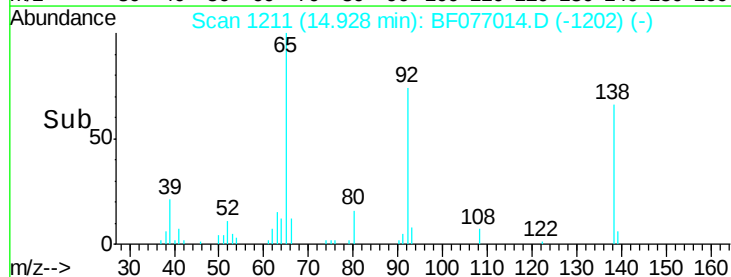
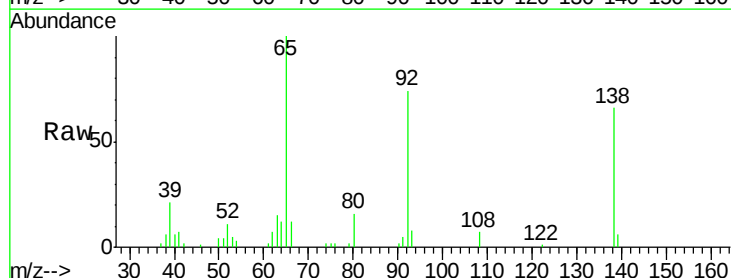
Tgt Ion:138 Resp: 24481

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

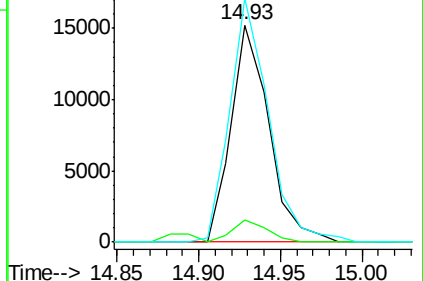
92 112.0 80.9 121.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

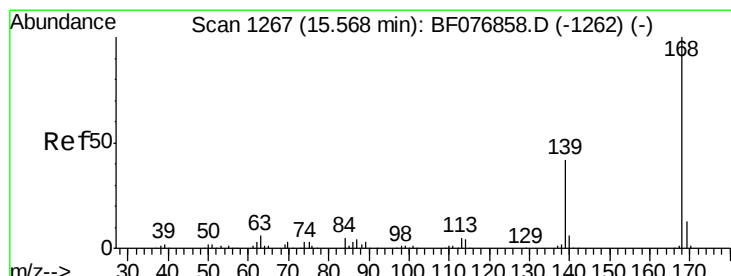
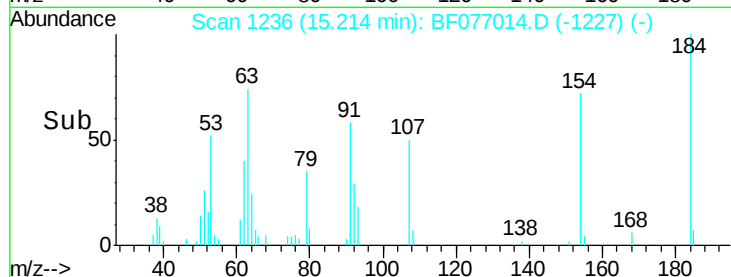
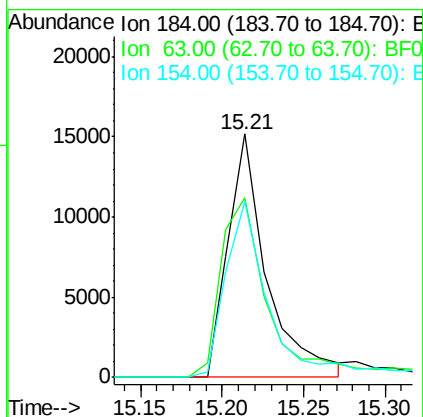
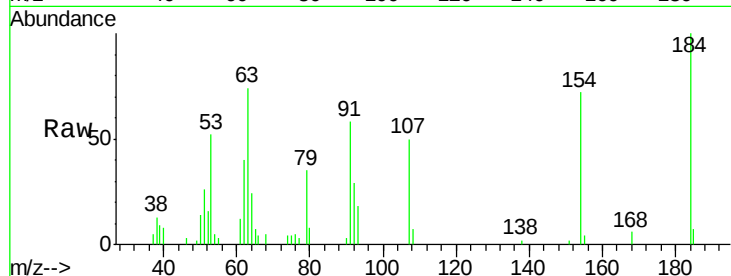




#53
2,4-Dinitrophenol
Concen: 73.08 ng
RT: 15.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

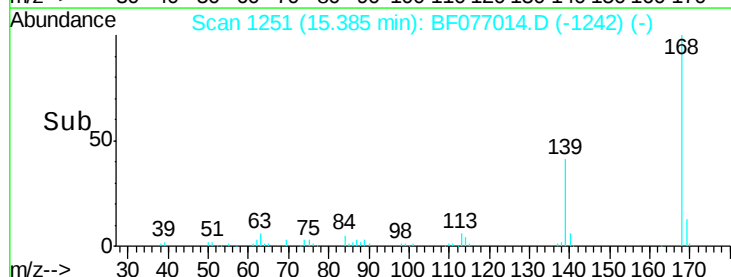
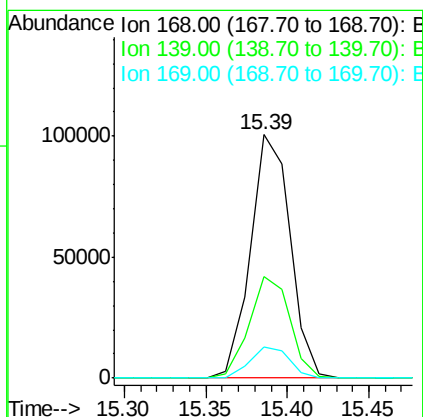
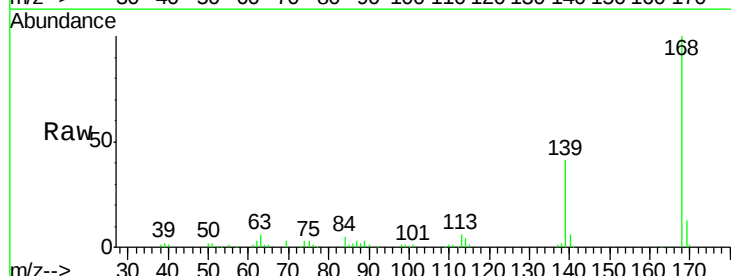
Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:184 Resp: 24916
Ion Ratio Lower Upper
184 100
63 73.8 63.0 94.6
154 71.9 65.5 98.3



#54
Dibenzofuran
Concen: 38.38 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:168 Resp: 170143
Ion Ratio Lower Upper
168 100
139 41.5 33.4 50.2
169 13.0 10.6 15.8

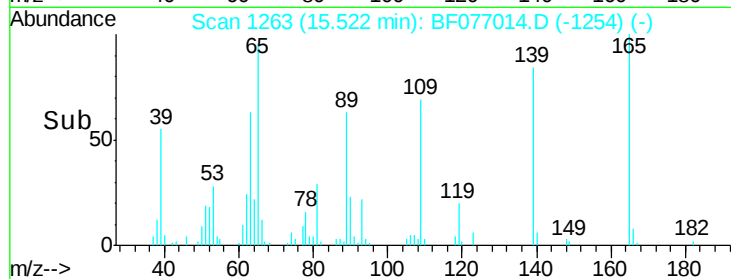
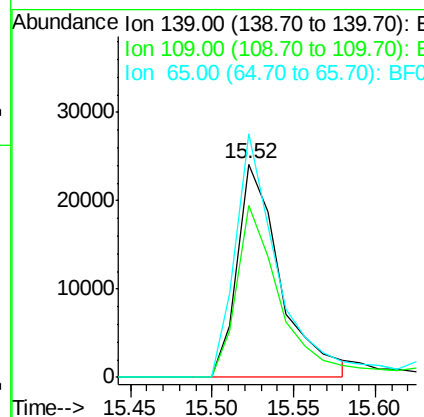
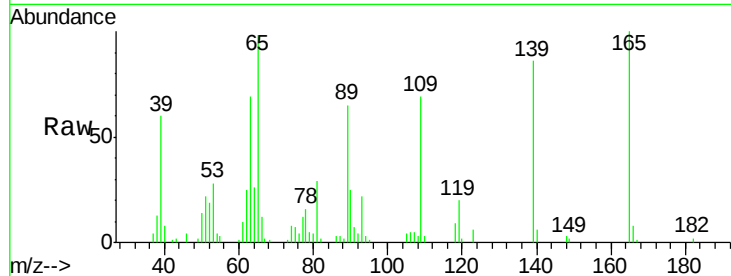




#55
4-Nitrophenol
Concen: 76.98 ng
RT: 15.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

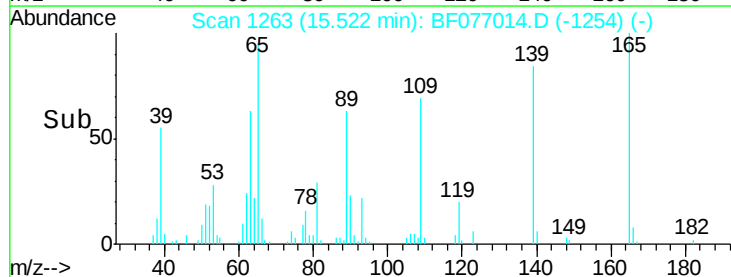
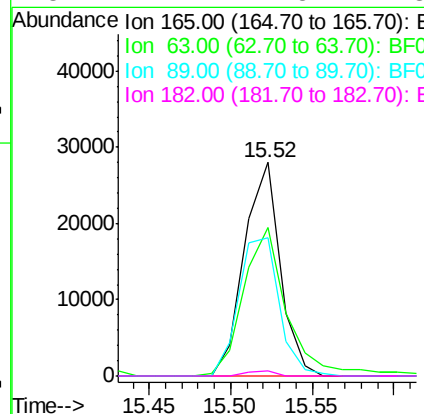
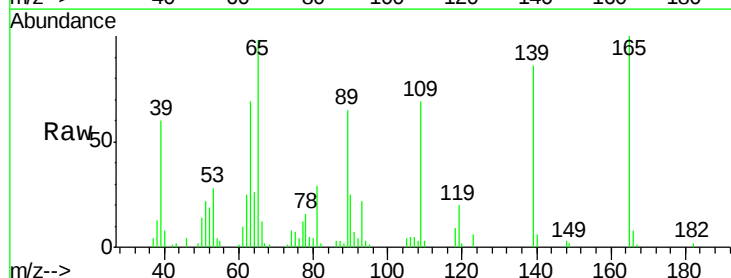
Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:139 Resp: 44606
Ion Ratio Lower Upper
139 100
109 80.5 61.0 101.0
65 114.2 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 39.01 ng
RT: 15.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:165 Resp: 42739
Ion Ratio Lower Upper
165 100
63 69.4 44.8 67.2#
89 65.0 56.2 84.2
182 2.4 1.5 2.3#

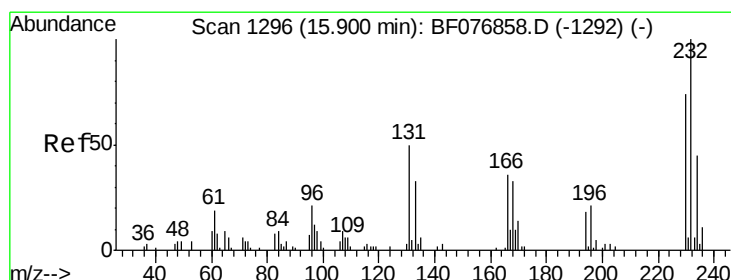
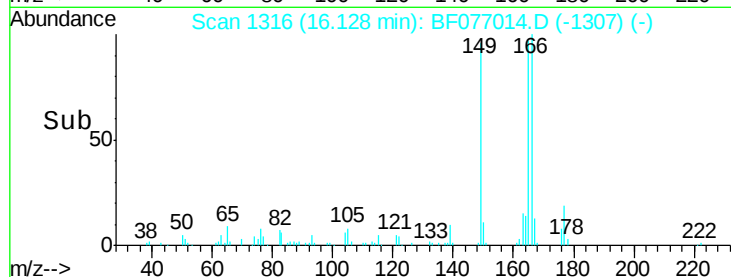
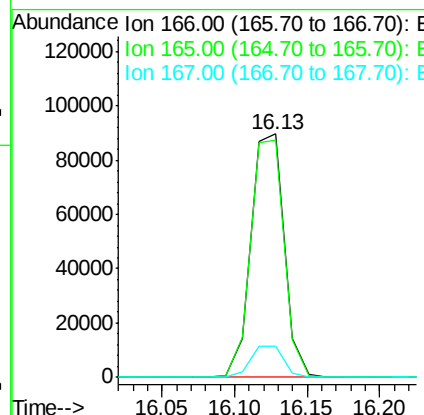
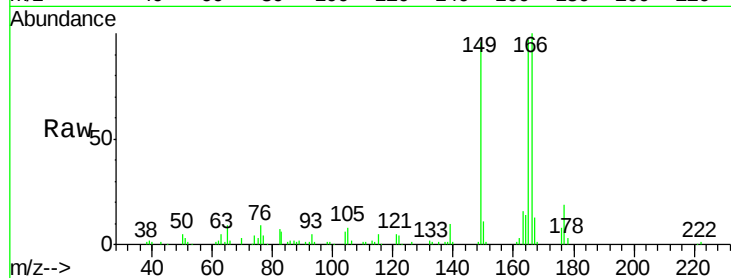




#57
 Fluorene
 Concen: 37.69 ng
 RT: 16.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

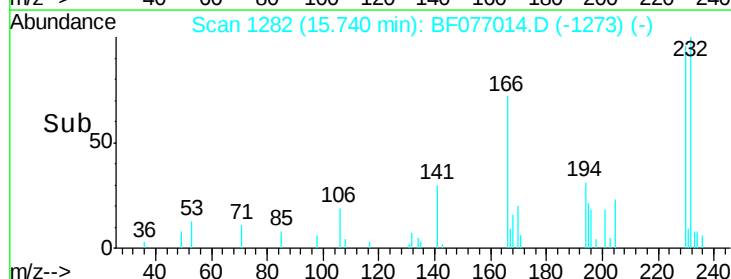
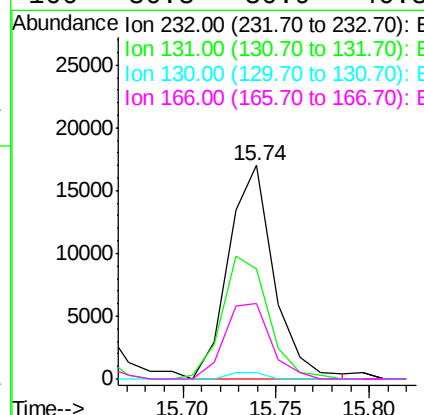
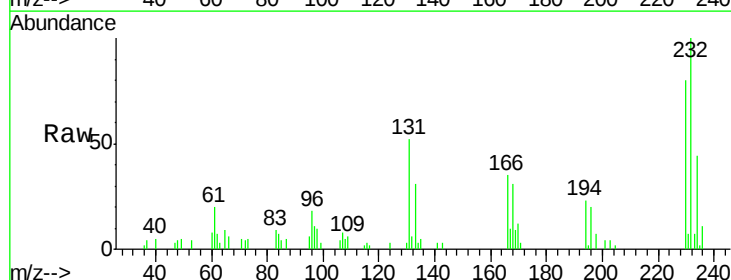
Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

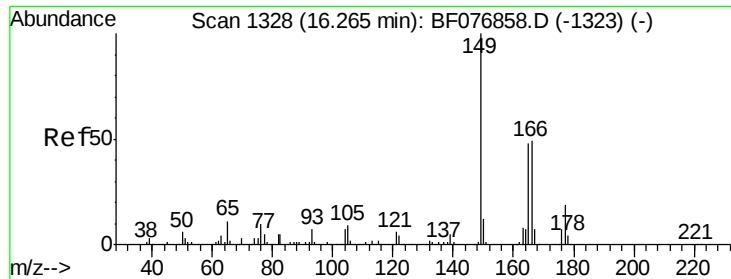
Tot Ion:166 Resp: 141564
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.5 117.7
 167 12.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.33 ng
 RT: 15.74 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:232 Resp: 28824
 Ion Ratio Lower Upper
 232 100
 131 59.5 45.0 67.6
 130 2.3 2.6 3.8#
 166 36.3 30.9 46.3





#59

Diethylphthalate

Concen: 39.63 ng

RT: 16.12 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

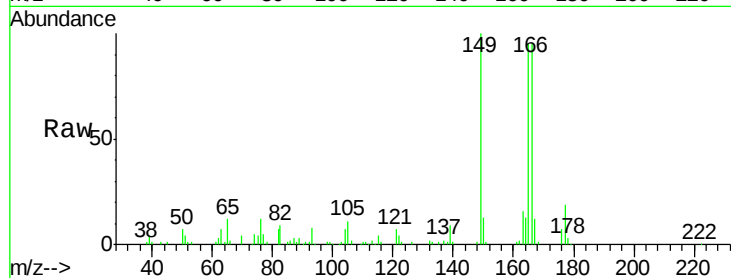
Tot Ion:149 Resp: 148086

Ion Ratio Lower Upper

149 100

177 19.1 15.0 22.6

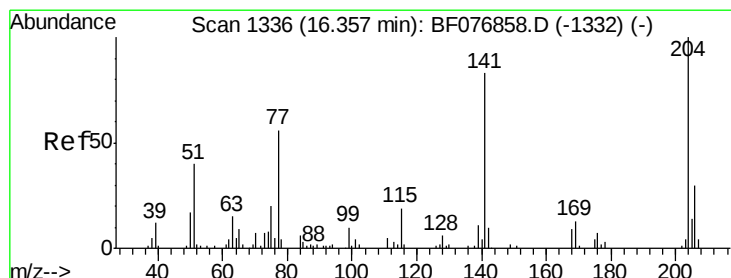
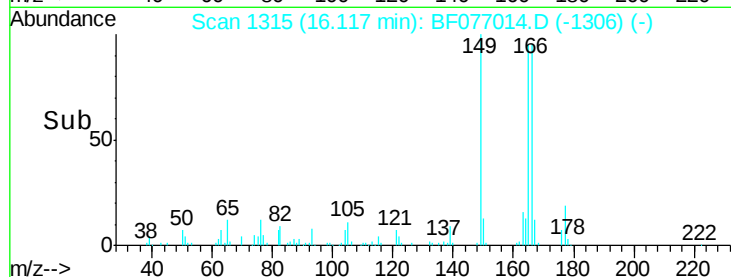
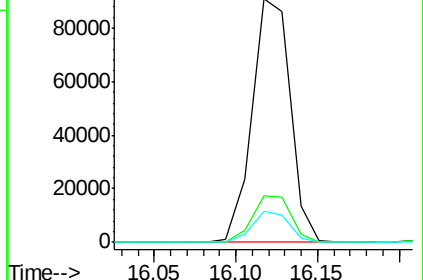
150 12.7 9.4 14.0



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: 39.13 ng

RT: 16.22 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

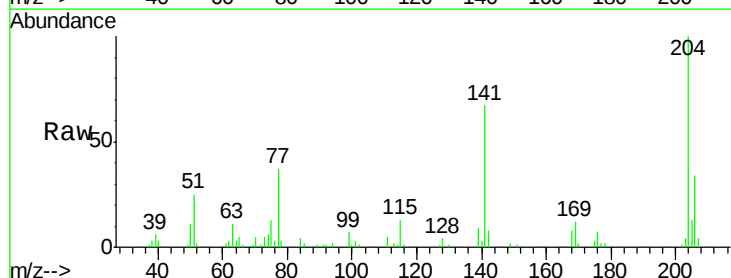
Tgt Ion:204 Resp: 60130

Ion Ratio Lower Upper

204 100

206 34.0 24.2 36.2

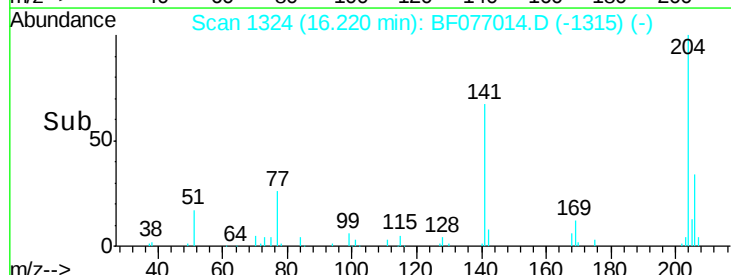
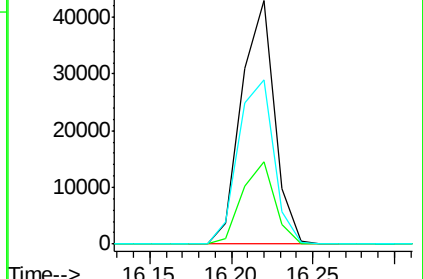
141 67.4 66.7 100.1

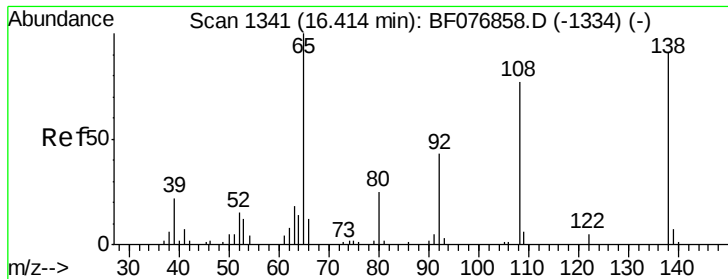


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

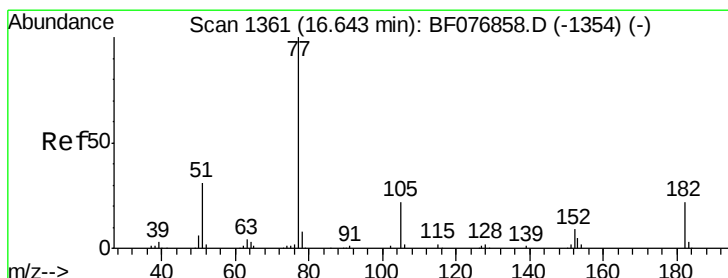
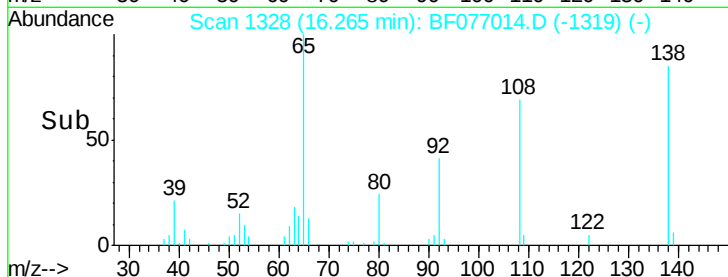
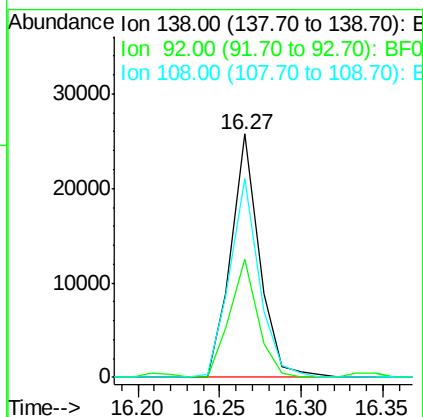
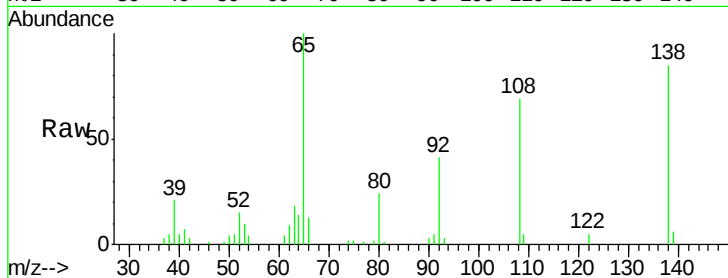




#61
4-Nitroaniline
Concen: 33.98 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

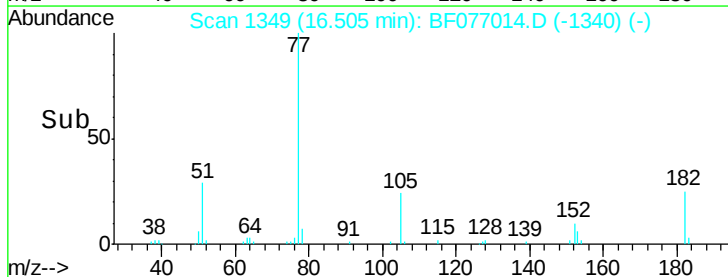
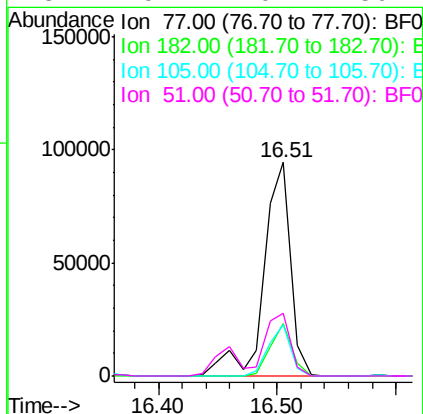
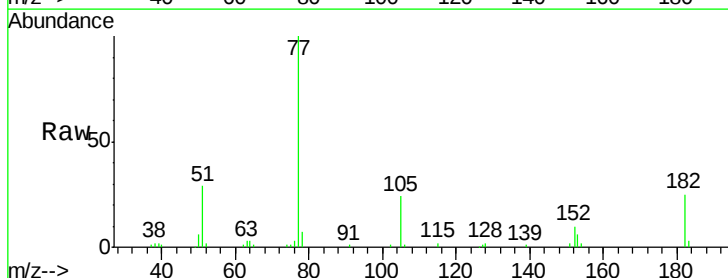
Instrument :
BNA_F
ClientSampleId :
PB81460BS

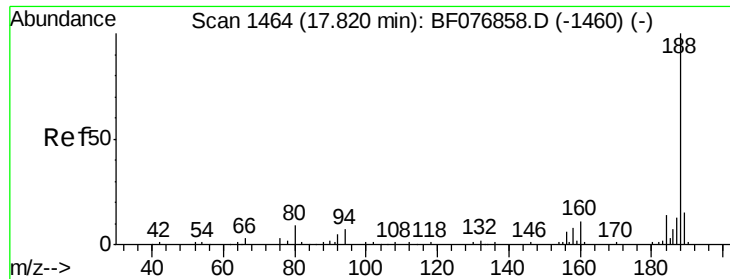
Tot Ion:138 Resp: 31239
Ion Ratio Lower Upper
138 100
92 48.7 26.7 66.7
108 81.6 64.5 104.5



#62
Azobenzene
Concen: 38.13 ng
RT: 16.51 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion: 77 Resp: 148445
Ion Ratio Lower Upper
77 100
182 24.7 2.0 42.0
105 24.1 2.3 42.3
51 29.2 10.7 50.7

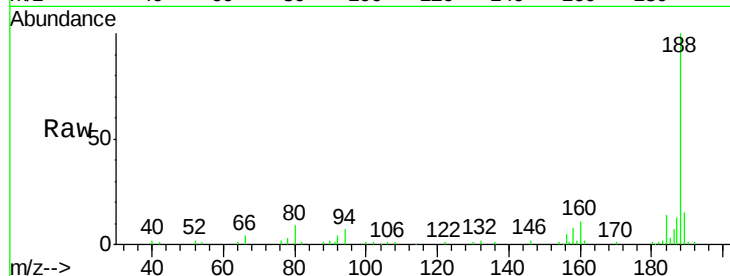




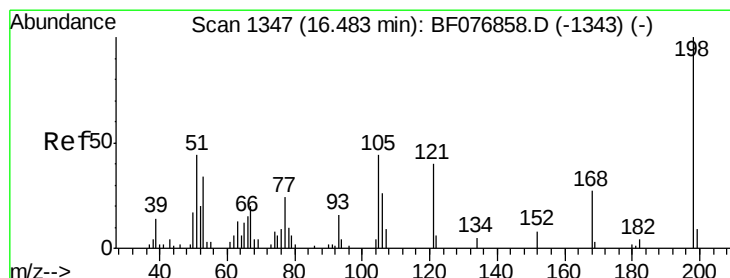
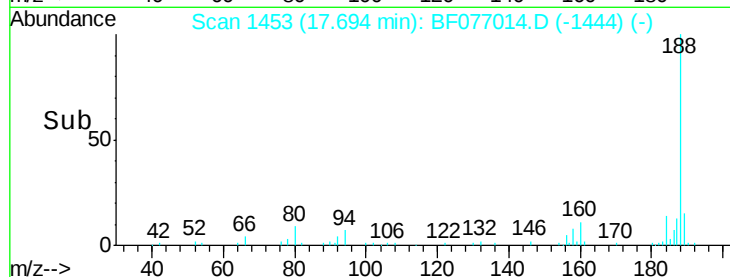
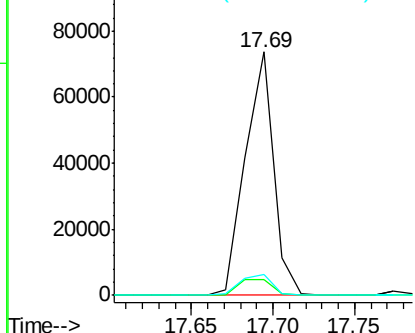
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion:188 Resp: 88424
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.0 9.0
 80 8.6 6.9 10.3

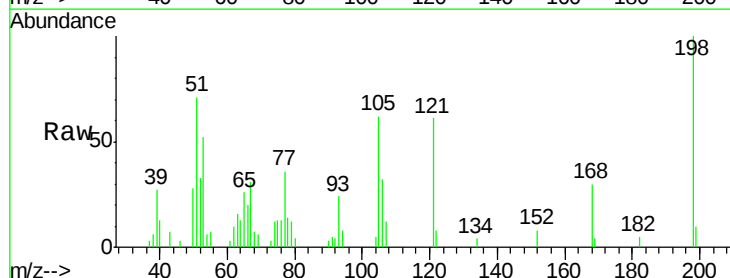


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

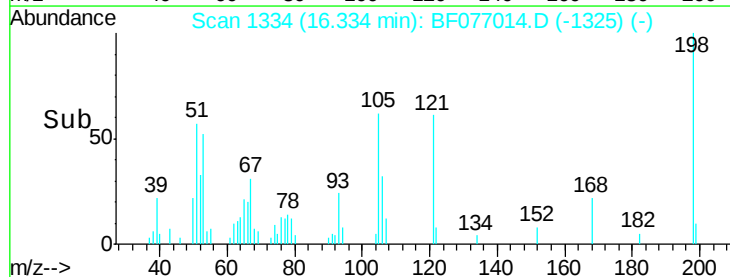
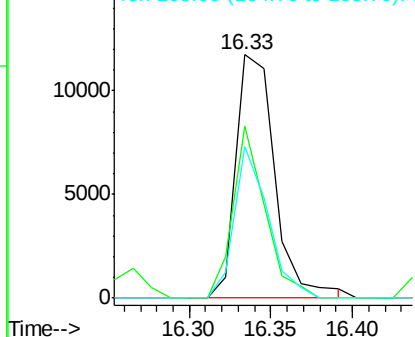


#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.07 ng
 RT: 16.33 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:198 Resp: 19385
 Ion Ratio Lower Upper
 198 100
 51 70.6 24.2 64.2#
 105 62.2 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

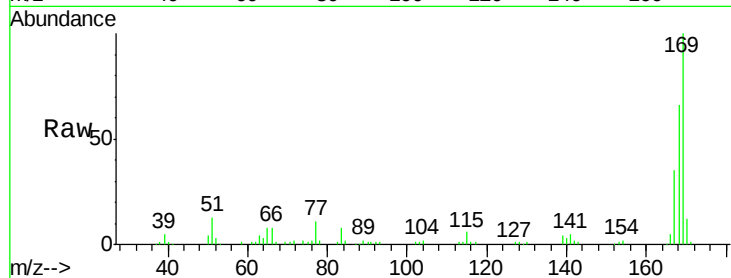




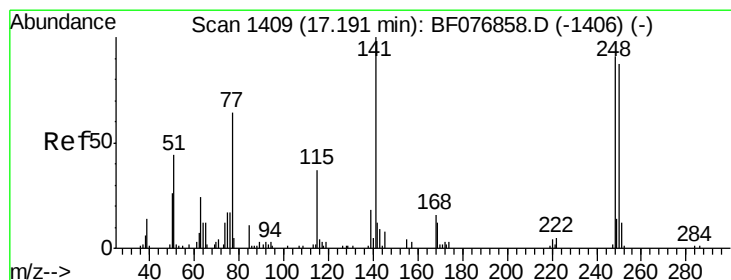
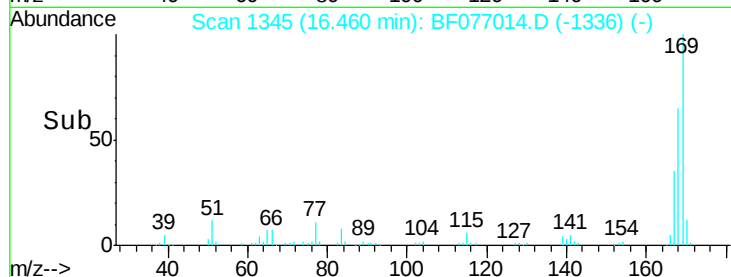
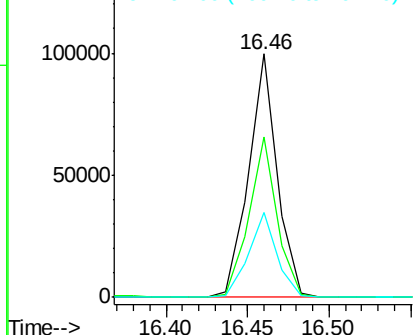
#65
 n-Nitrosodiphenylamine
 Concen: 38.24 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion:169 Resp: 120580
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.8 80.6
 167 34.8 27.8 41.6

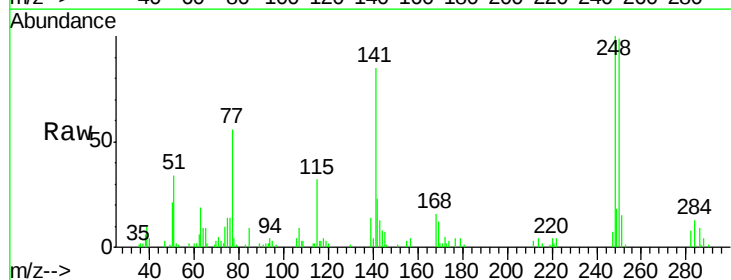


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

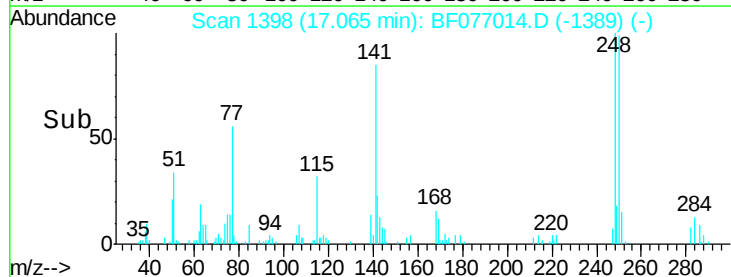
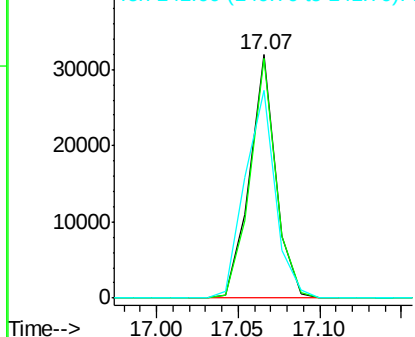


#66
 4-Bromophenyl-phenylether
 Concen: 39.86 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:248 Resp: 35708
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.1 115.7
 141 85.5 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

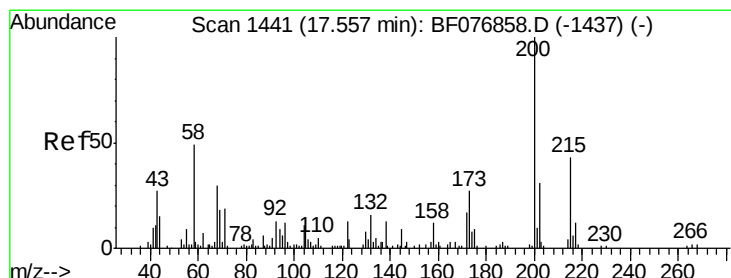
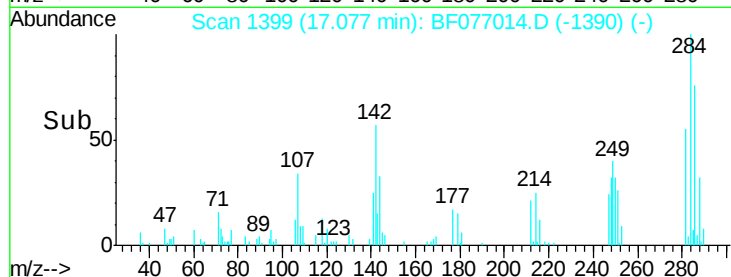
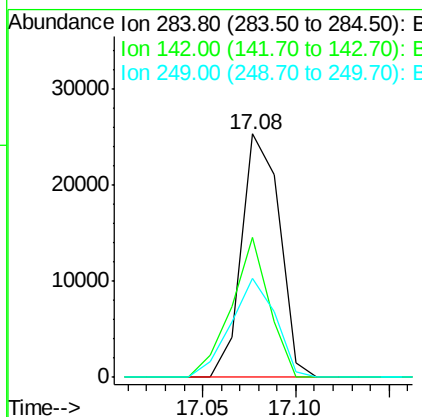
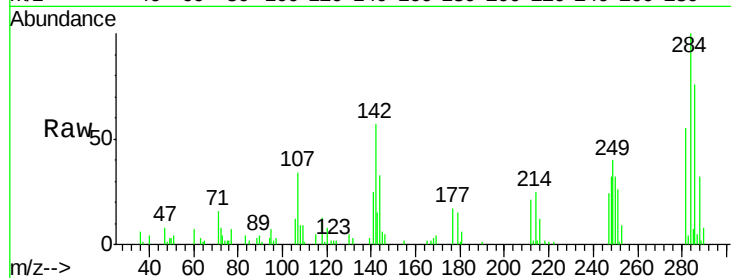




#67
Hexachlorobenzene
Concen: 37.75 ng
RT: 17.08 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

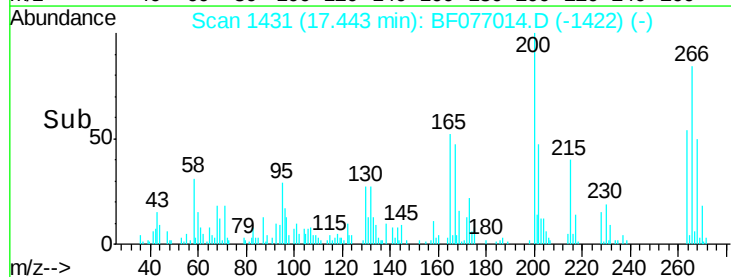
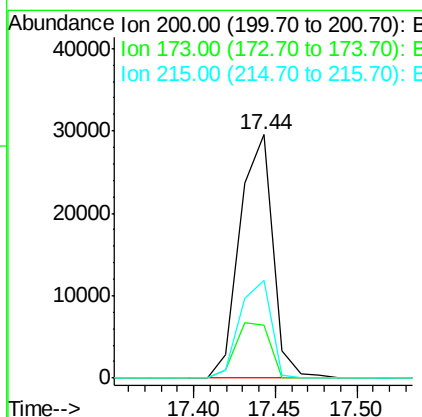
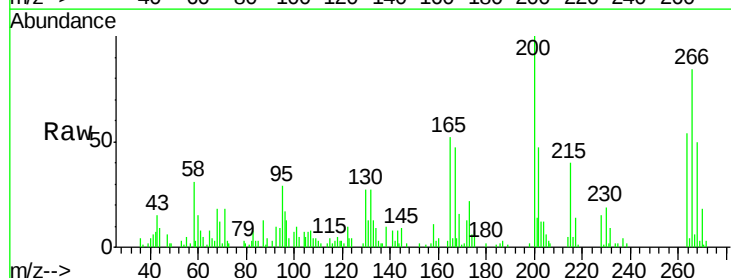
Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:284 Resp: 35638
Ion Ratio Lower Upper
284 100
142 57.3 38.2 57.4
249 40.5 28.2 42.2



#68
Atrazine
Concen: 43.07 ng
RT: 17.44 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:200 Resp: 41204
Ion Ratio Lower Upper
200 100
173 21.9 6.6 46.6
215 39.9 22.9 62.9

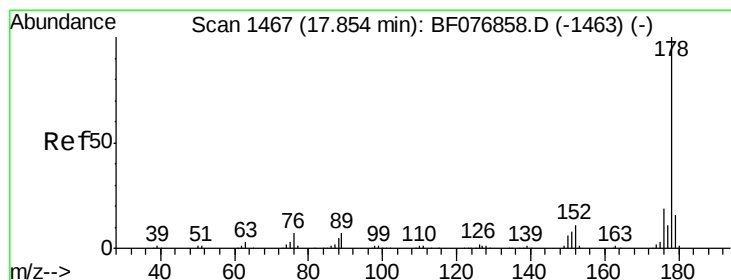
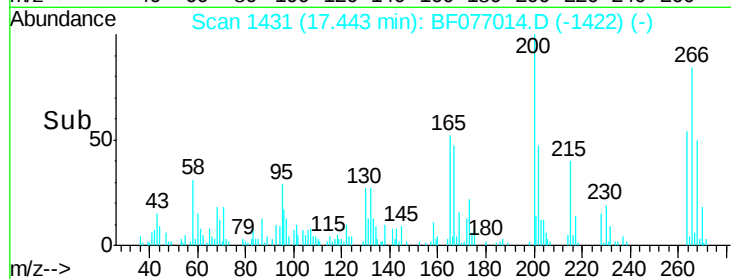
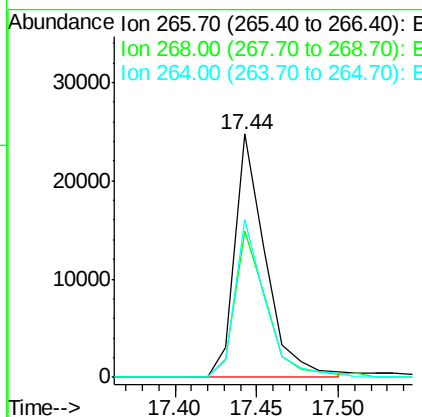
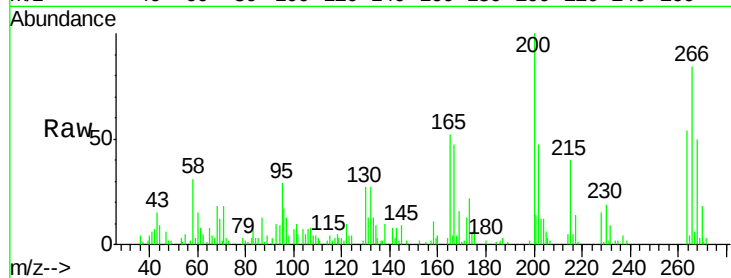




#69
 Pentachlorophenol
 Concen: 74.80 ng
 RT: 17.44 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

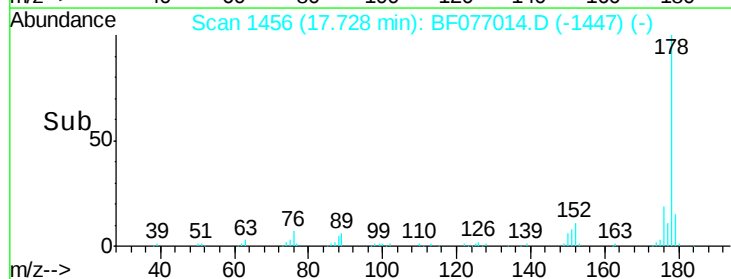
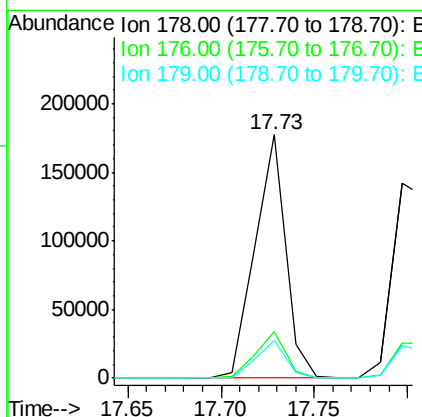
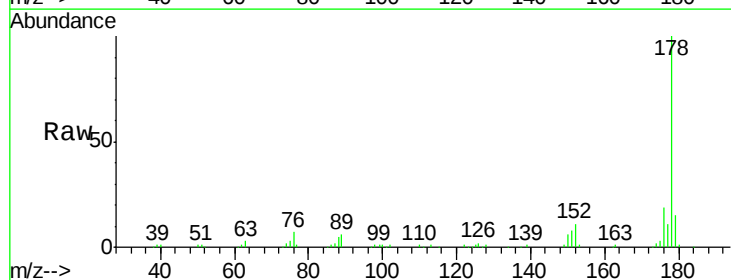
Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion:266 Resp: 32179
 Ion Ratio Lower Upper
 266 100
 268 60.1 48.6 72.8
 264 64.7 49.5 74.3



#70
 Phenanthrene
 Concen: 36.55 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:178 Resp: 201519
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.4 12.7 19.1

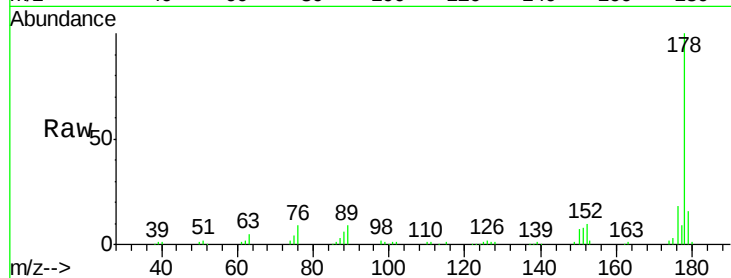




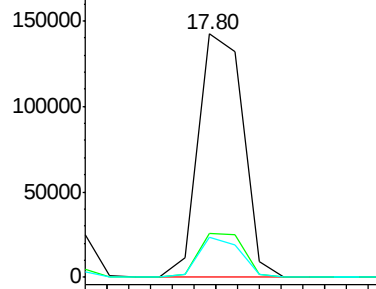
#71
 Anthracene
 Concen: 37.63 ng
 RT: 17.80 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

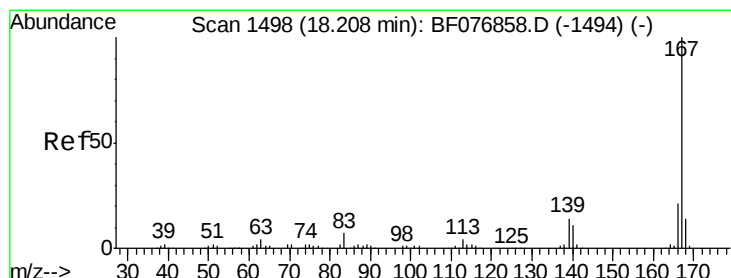
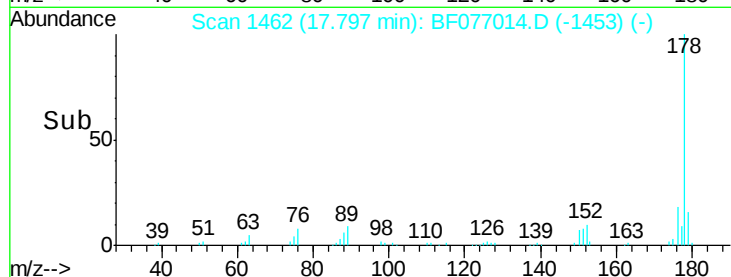
Tot Ion:178 Resp: 202331
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.0
 179 16.4 11.9 17.9



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

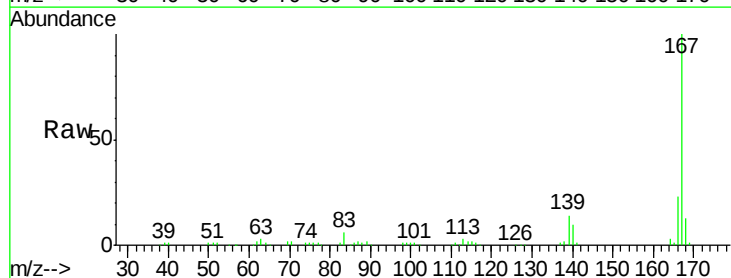


Time--> 17.75 17.80 17.85

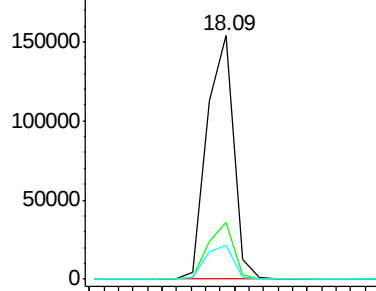


#72
 Carbazole
 Concen: 37.51 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

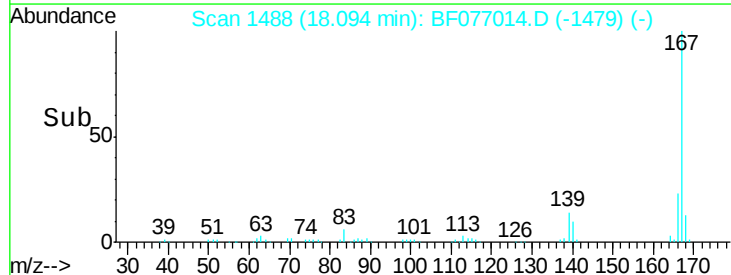
Tgt Ion:167 Resp: 195606
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.0 25.6
 139 13.8 11.3 16.9

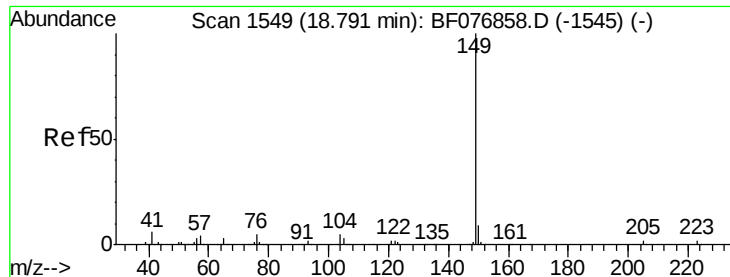


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 18.00 18.05 18.10 18.15





#73

Di-n-butylphthalate

Concen: 38.84 ng

RT: 18.68 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

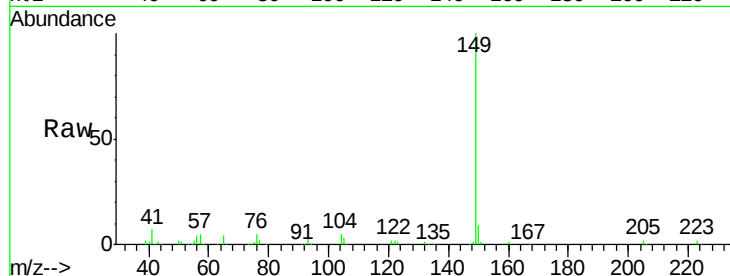
Tot Ion:149 Resp: 234479

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

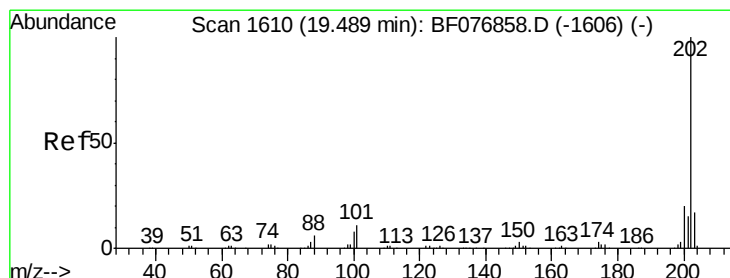
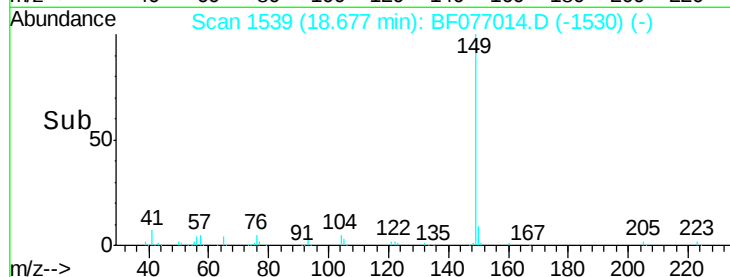
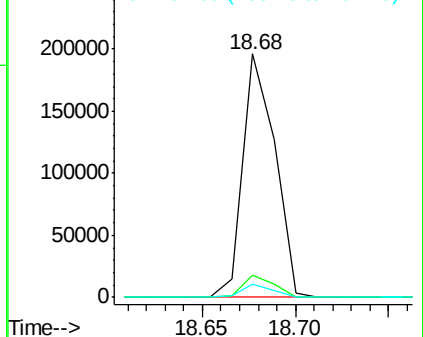
104 5.2 3.7 5.5



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: 37.77 ng

RT: 19.37 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

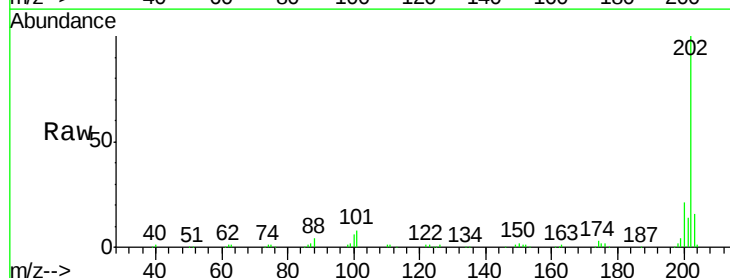
Tgt Ion:202 Resp: 213434

Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.7

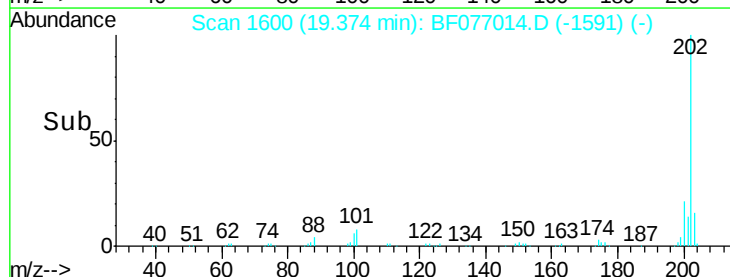
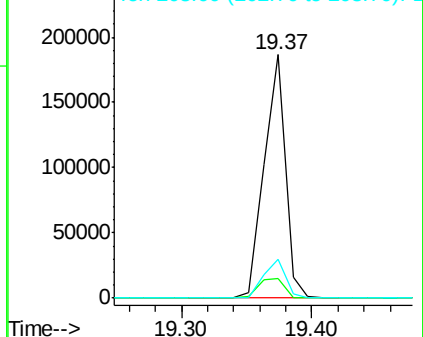
203 16.0 0.0 36.9



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

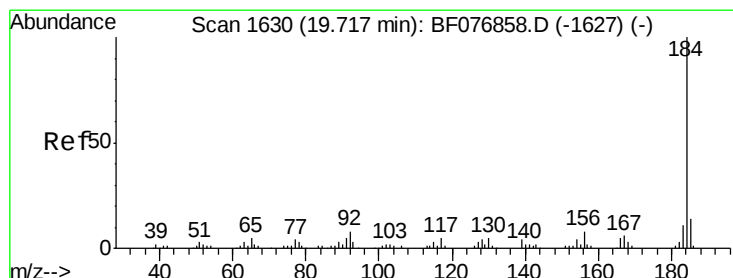
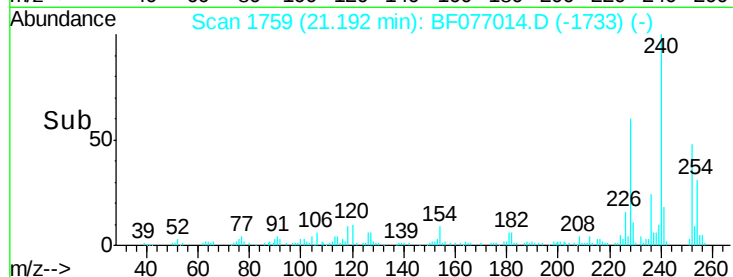
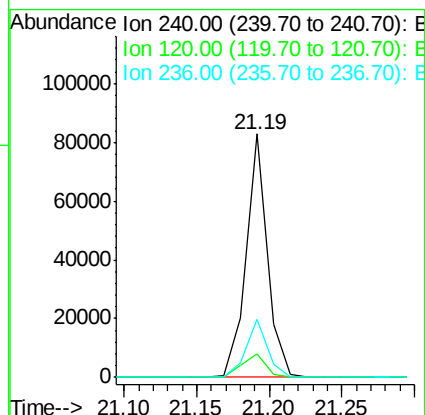
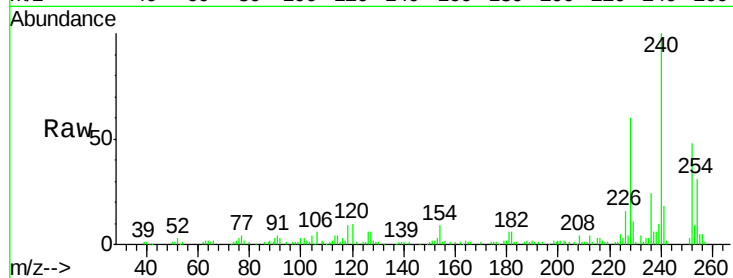




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

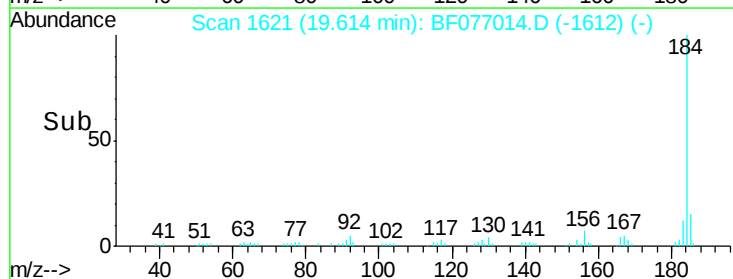
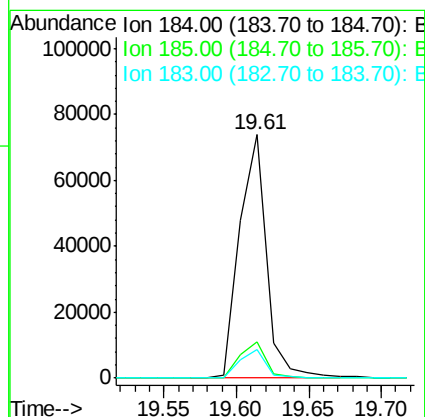
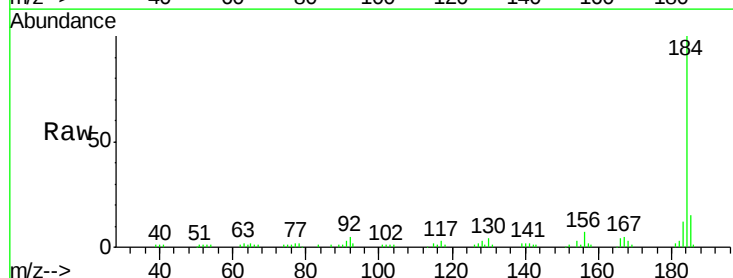
Instrument :
 BNA_F
 ClientSampled :
 PB81460BS

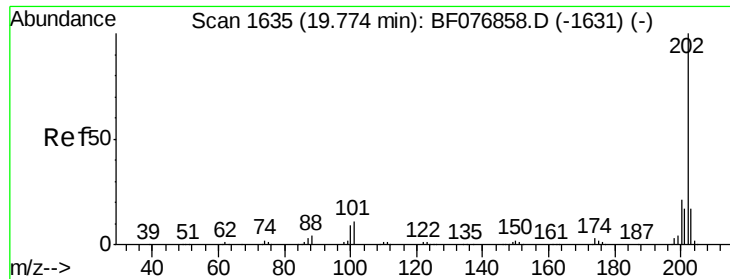
Tot Ion:240 Resp: 84477
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.4 15.6#
 236 24.0 20.2 30.2



#76
 Benzidine
 Concen: 35.35 ng
 RT: 19.61 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:184 Resp: 95560
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.4 17.2
 183 11.8 9.0 13.6

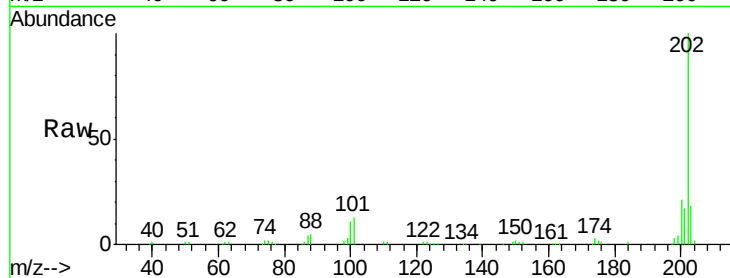




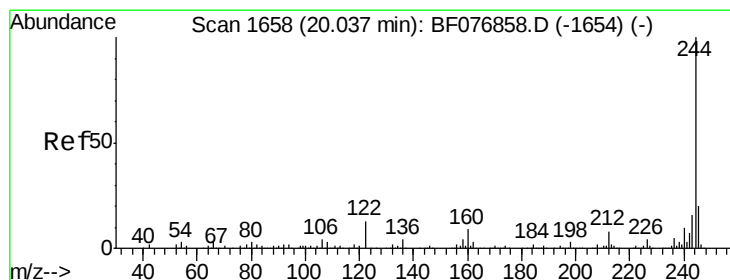
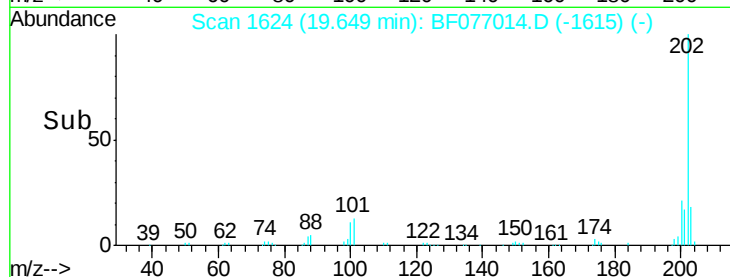
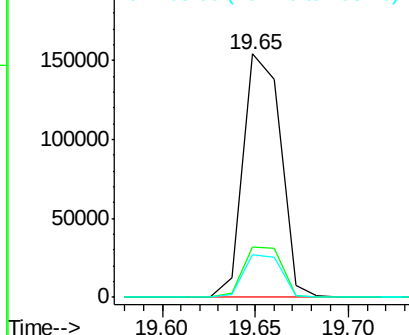
#77
Pvrene
Concen: 37.07 ng
RT: 19.65 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:202 Resp: 214603
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.6 14.0 21.0

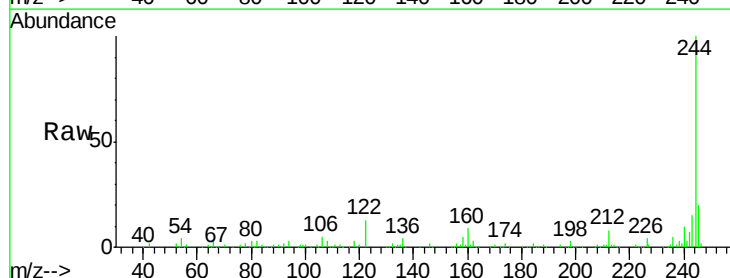


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

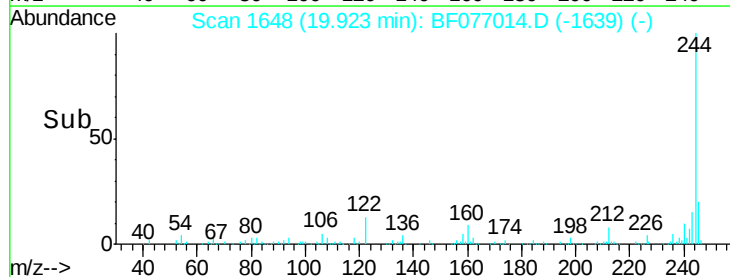
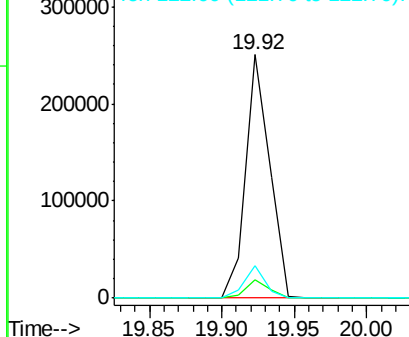


#78
Terphenyl-d14
Concen: 78.36 ng
RT: 19.92 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:244 Resp: 287523
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 13.2 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

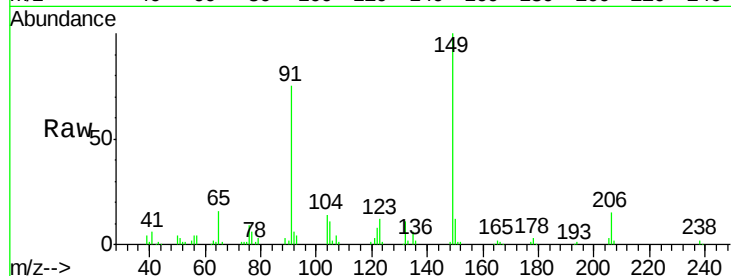




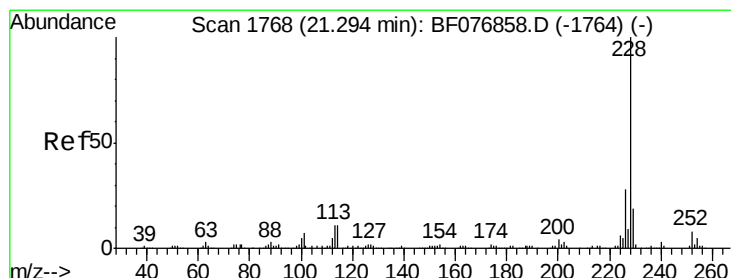
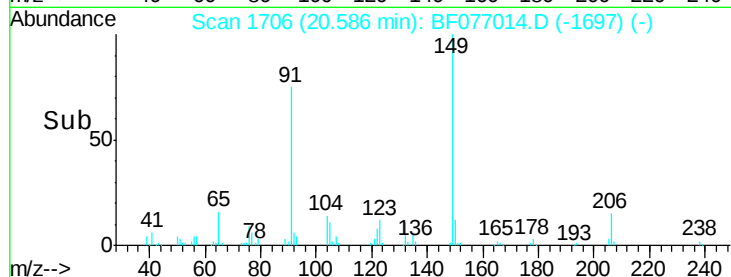
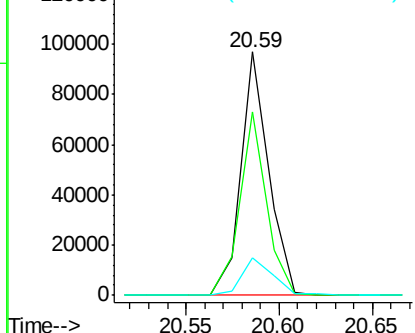
#79
Butylbenzylphthalate
Concen: 38.54 ng
RT: 20.59 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:149 Resp: 101056
Ion Ratio Lower Upper
149 100
91 75.2 50.6 76.0
206 15.4 12.8 19.2

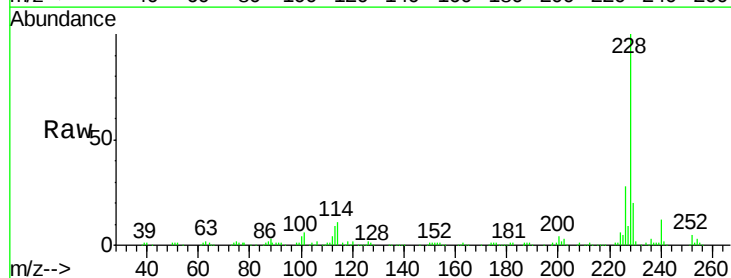


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

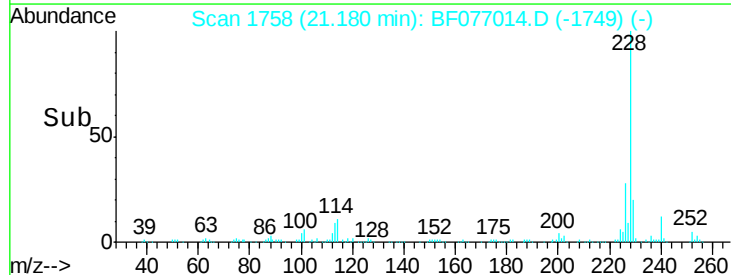
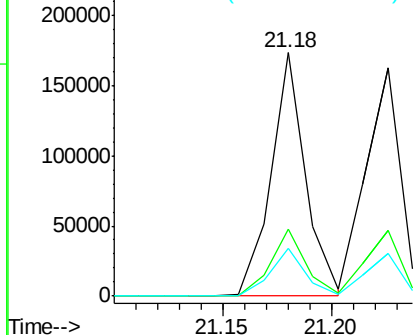


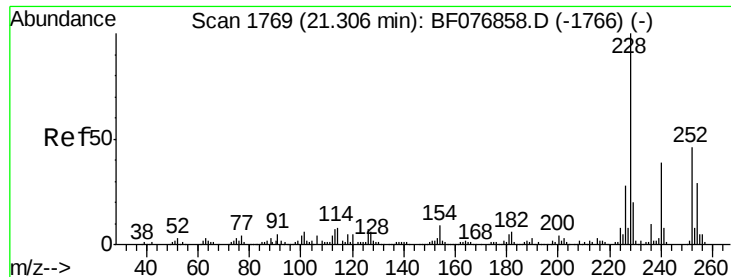
#80
Benzo(a)anthracene
Concen: 36.28 ng
RT: 21.18 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:228 Resp: 192282
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

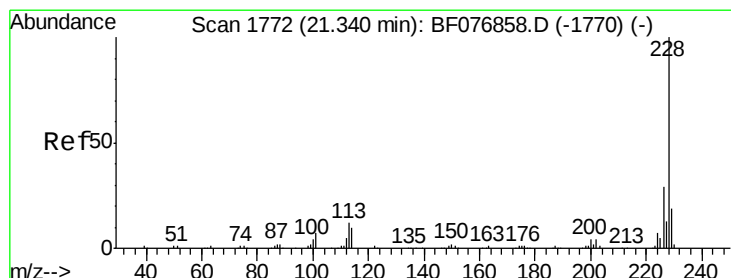
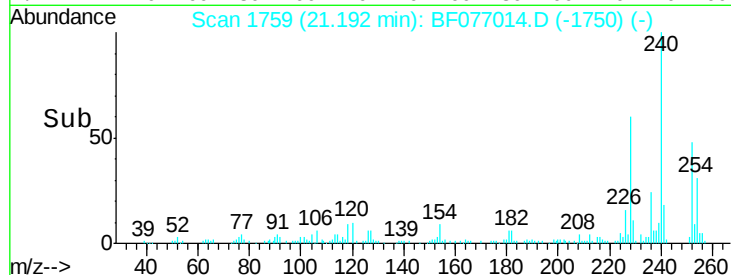
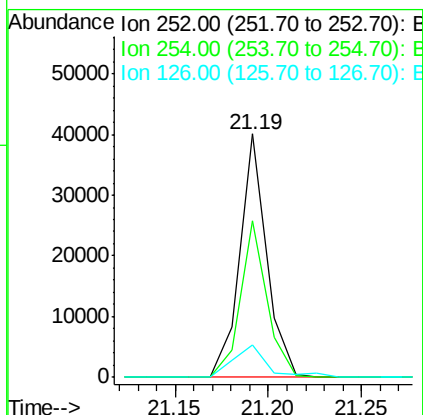
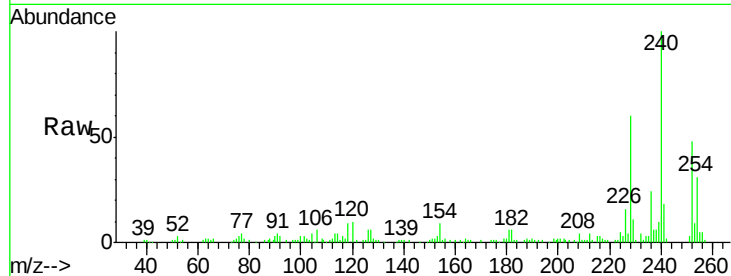




#81
 3,3'-Dichlorobenzidine
 Concen: 23.86 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

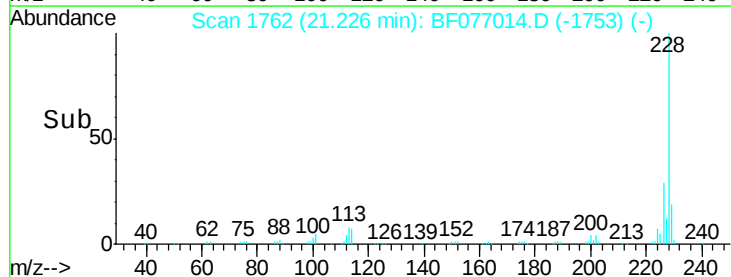
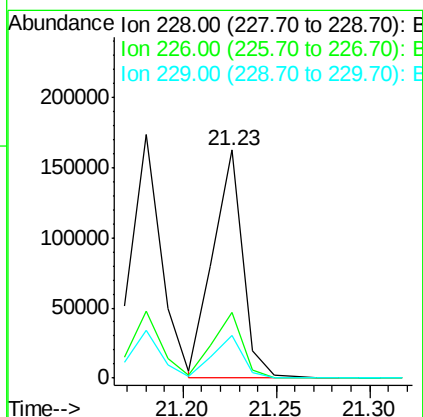
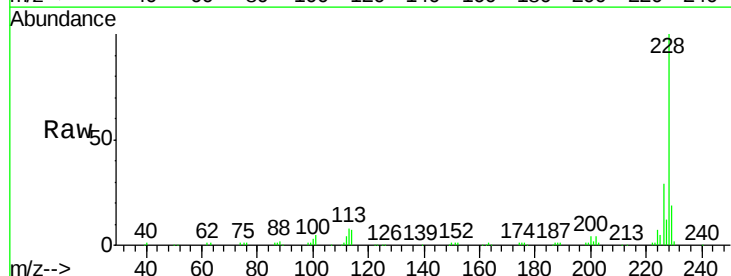
Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

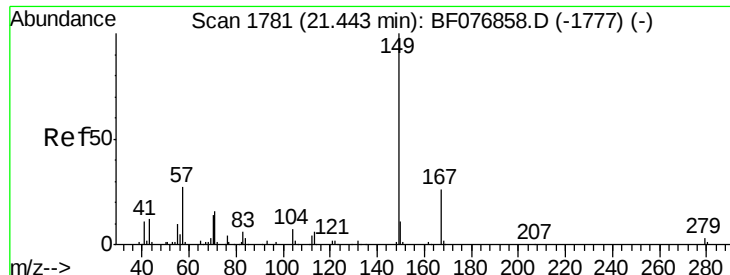
Tot Ion:252 Resp: 40187
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.2 75.4
 126 13.4 11.5 17.3



#82
 Chrysene
 Concen: 37.37 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Tgt Ion:228 Resp: 180633
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.4 35.0
 229 18.7 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.91 ng

RT: 21.33 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

Instrument :

BNA_F

ClientSampleId :

PB81460BS

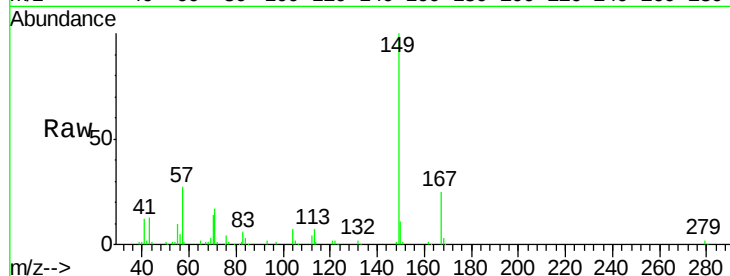
Tot Ion:149 Resp: 141146

Ion Ratio Lower Upper

149 100

167 24.8 20.6 30.8

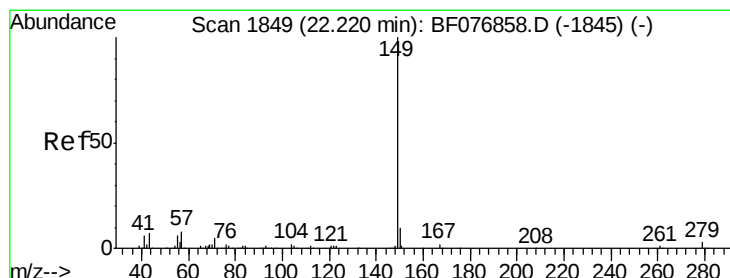
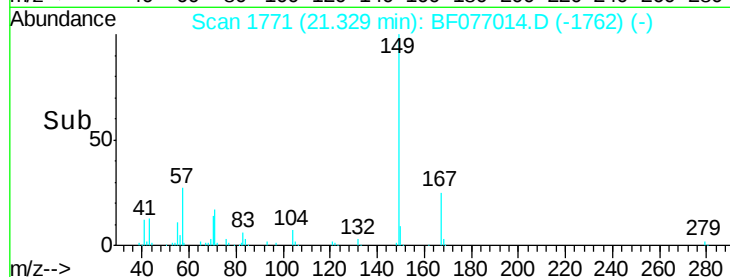
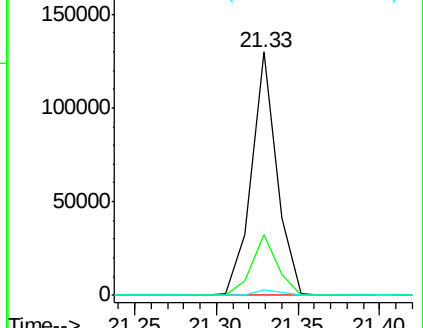
279 2.1 2.2 3.2#



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: 40.06 ng

RT: 22.11 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF077014.D

Acq: 22 Jan 2015 16:13

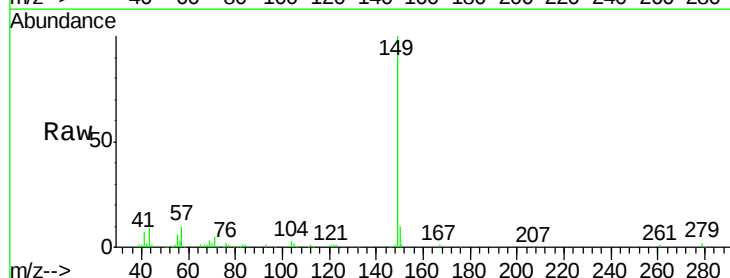
Tgt Ion:149 Resp: 252256

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

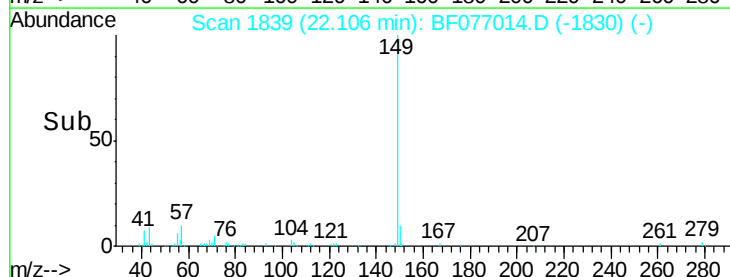
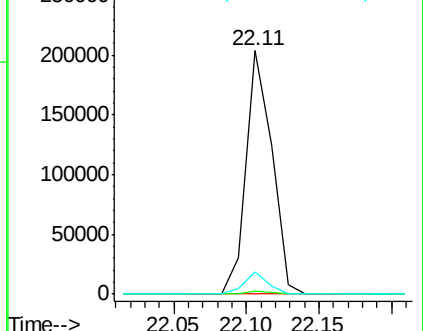
43 8.3 6.6 10.0

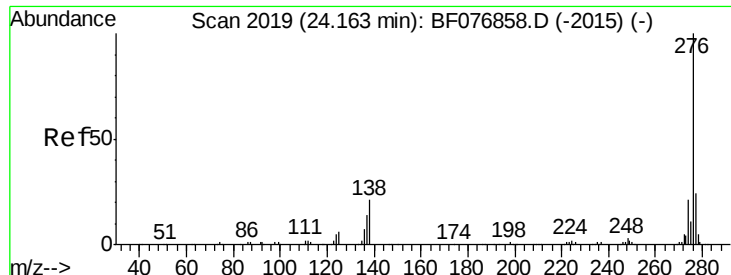


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

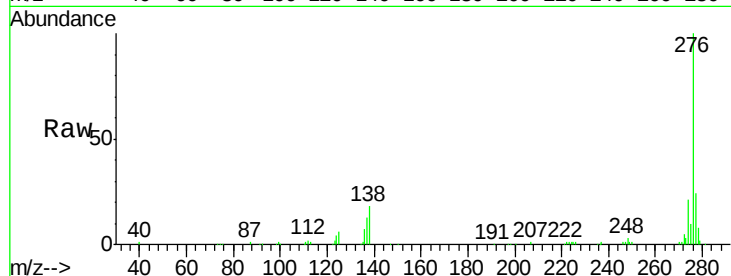




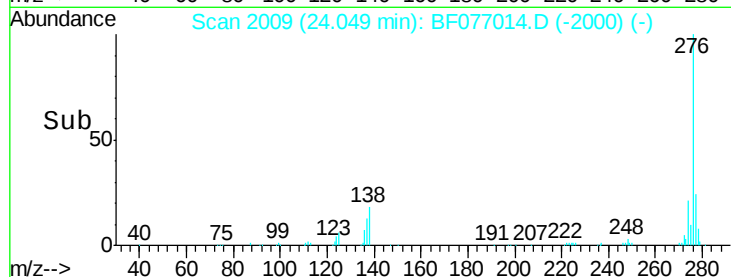
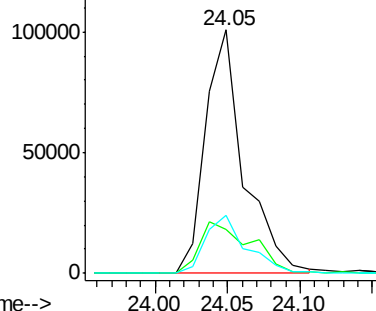
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.24 ng
RT: 24.05 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Instrument :
BNA_F
ClientSampled :
PB81460BS

Tot Ion:276 Resp: 185640
Ion Ratio Lower Upper
276 100
138 28.0 14.6 22.0#
277 25.6 14.8 22.2#

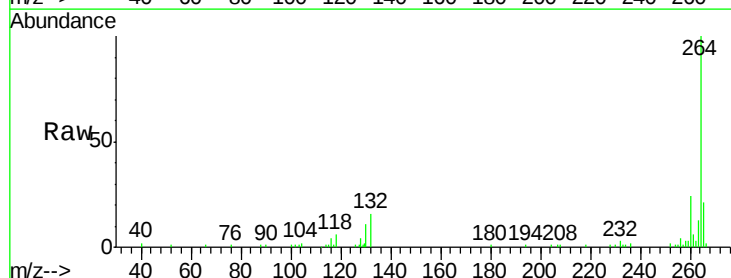


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

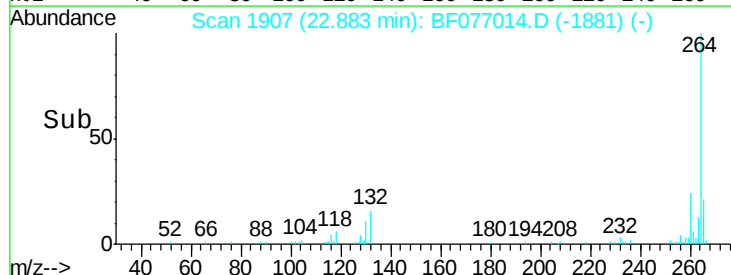
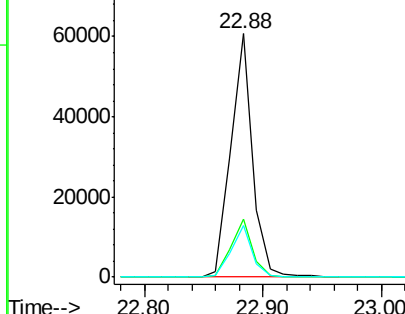


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.88 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:264 Resp: 76553
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.3 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

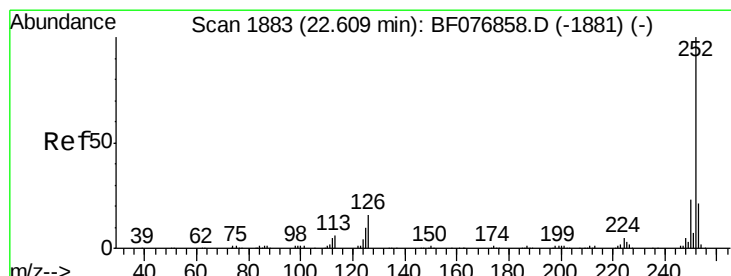
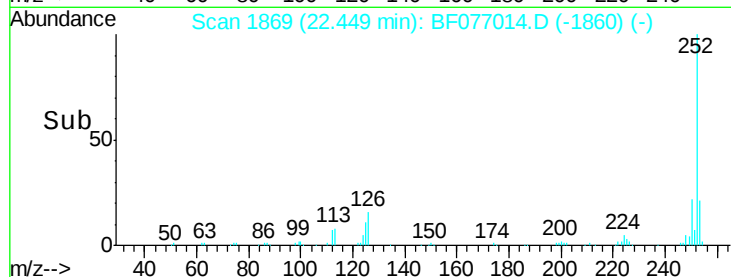
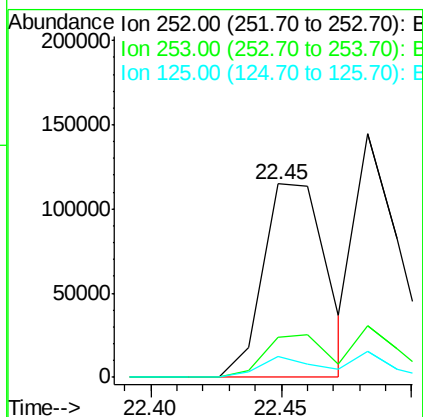
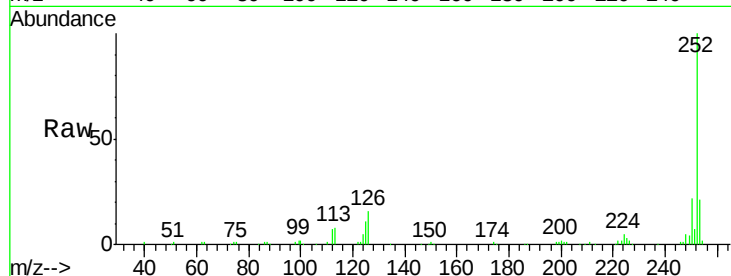




#87
Benzo(b)fluoranthene
Concen: 37.59 ng
RT: 22.45 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

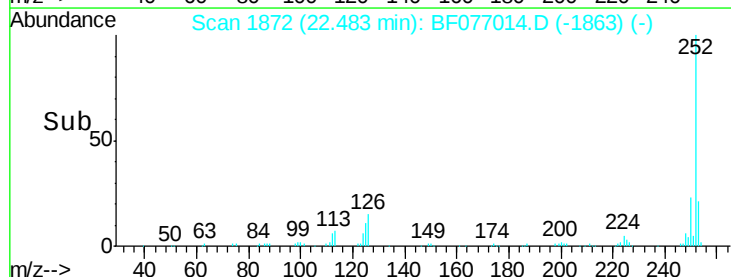
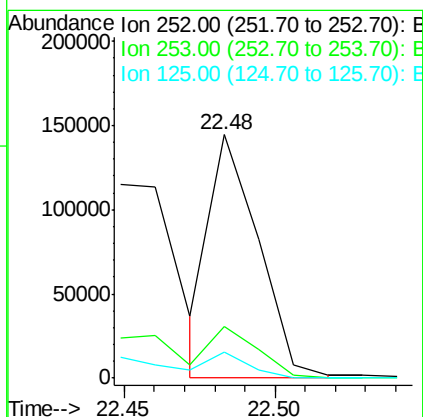
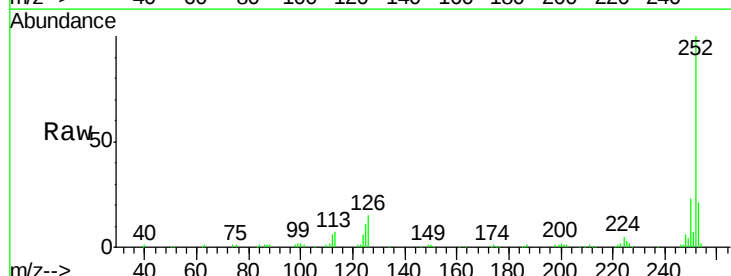
Instrument :
BNA_F
ClientSampleId :
PB81460BS

Tot Ion:252 Resp: 193836
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 10.9 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 36.01 ng m
RT: 22.48 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:252 Resp: 162228
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 10.8 7.1 10.7#

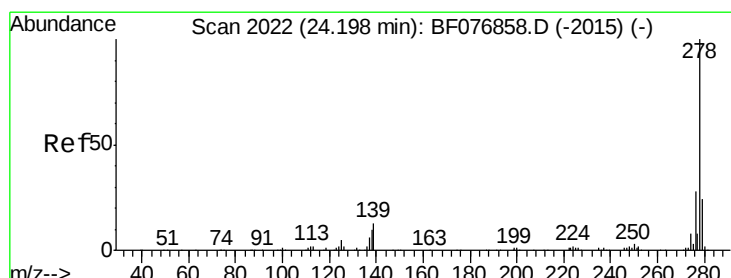
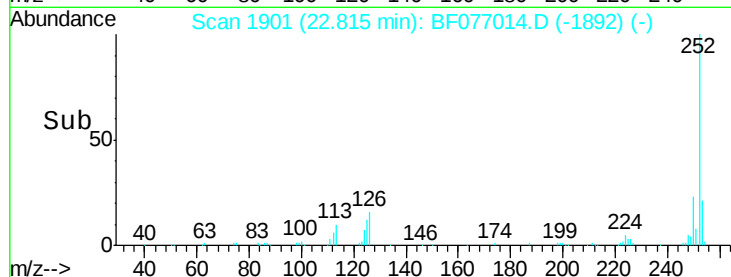
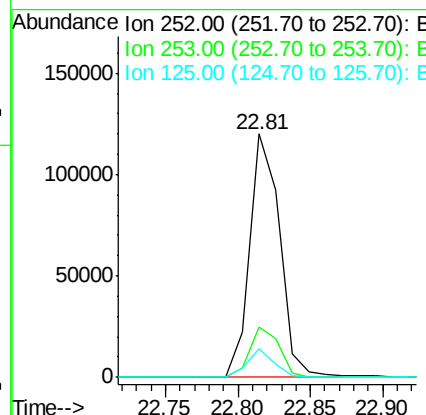
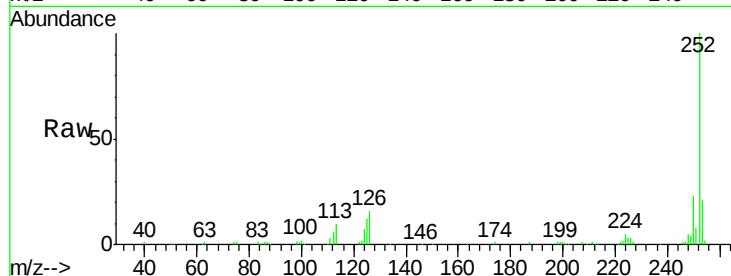




#89
Benzo(a)pyrene
Concen: 37.92 ng
RT: 22.81 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

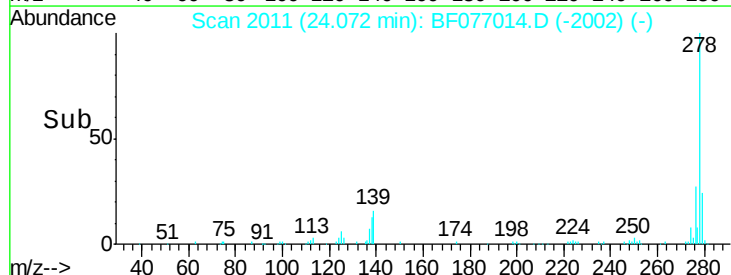
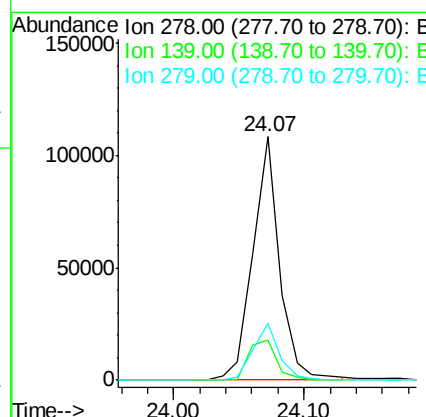
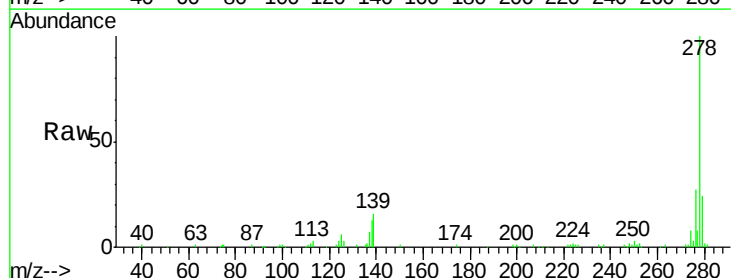
Instrument :
BNA_F
ClientSampleId :
PB81460BS

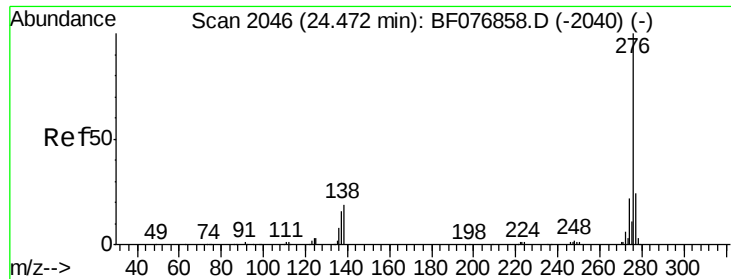
Tot Ion:252 Resp: 172461
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 11.5 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 37.09 ng
RT: 24.07 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF077014.D
Acq: 22 Jan 2015 16:13

Tgt Ion:278 Resp: 154757
Ion Ratio Lower Upper
278 100
139 16.5 10.5 15.7#
279 23.6 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.44 ng
 RT: 24.33 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF077014.D
 Acq: 22 Jan 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	19.5	29.3	
138	19.5	15.0	22.6	

