

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077831.D
 Acq On : 19 Mar 2015 14:48
 Operator : TP/IZ
 Sample : PB82103BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Quant Time: Mar 20 01:26:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	36672	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	150570	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	76189	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	147226	20.00	ng	0.00
75) Chrysene-d12	16.03	240	157493	20.00	ng	0.00
86) Perylene-d12	17.76	264	153630	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	190525	90.69	ng	0.01
7) Phenol-d6	6.73	99	235179	90.60	ng	0.00
23) Nitrobenzene-d5	7.85	82	179365	78.09	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	58992	80.93	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	384559	74.18	ng	0.00
78) Terphenyl-d14	14.74	244	477331	74.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.05	88	36524	38.29	ng	# 100
3) Pyridine	2.75	79	91304	35.63	ng	95
4) n-Nitrosodimethylamine	2.67	42	46010	41.23	ng	92
6) Aniline	6.74	93	85725	23.09	ng	# 51
8) 2-Chlorophenol	6.89	128	117516	46.99	ng	95
9) Benzaldehyde	6.60	77	5675	5.34	ng	91
10) Phenol	6.75	94	138291	45.07	ng	# 73
11) bis(2-Chloroethyl)ether	6.84	93	101033	43.96	ng	90
12) 1,3-Dichlorobenzene	7.07	146	119705m	43.04	ng	
13) 1,4-Dichlorobenzene	7.17	146	120616	41.73	ng	95
14) 1,2-Dichlorobenzene	7.36	146	117326	44.28	ng	96
15) Benzyl Alcohol	7.34	79	92511	45.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.52	45	136023	43.92	ng	96
17) 2-Methylphenol	7.49	107	91284	44.84	ng	97
18) Hexachloroethane	7.78	117	40341	42.56	ng	# 79
19) n-Nitroso-di-n-propylamine	7.68	70	79696	44.38	ng	96
20) 3+4-Methylphenols	7.69	107	118116	44.21	ng	96
22) Acetophenone	7.66	105	158447	47.54	ng	# 96
24) Nitrobenzene	7.87	77	113371	45.81	ng	91
25) Isophorone	8.17	82	193891	41.80	ng	# 91
26) 2-Nitrophenol	8.27	139	54791	45.23	ng	92
27) 2,4-Dimethylphenol	8.34	122	104722	47.45	ng	98
28) bis(2-Chloroethoxy)methane	8.45	93	132883	47.19	ng	99
29) 2,4-Dichlorophenol	8.57	162	96806	46.01	ng	97
30) 1,2,4-Trichlorobenzene	8.66	180	95867	40.73	ng	# 95
31) Naphthalene	8.76	128	316336	40.91	ng	99
32) Benzoic acid	8.45	122	56900	46.33	ng	99
33) 4-Chloroaniline	8.84	127	76764	24.46	ng	98
34) Hexachlorobutadiene	8.91	225	55441	41.55	ng	98
35) Caprolactam	9.26	113	28827	46.88	ng	96
36) 4-Chloro-3-methylphenol	9.45	107	95802	45.26	ng	# 82
37) 2-Methylnaphthalene	9.62	142	226932	43.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	97240	42.79	ng	# 100
40) Hexachlorocyclopentadiene	9.80	237	97009	85.07	ng	98

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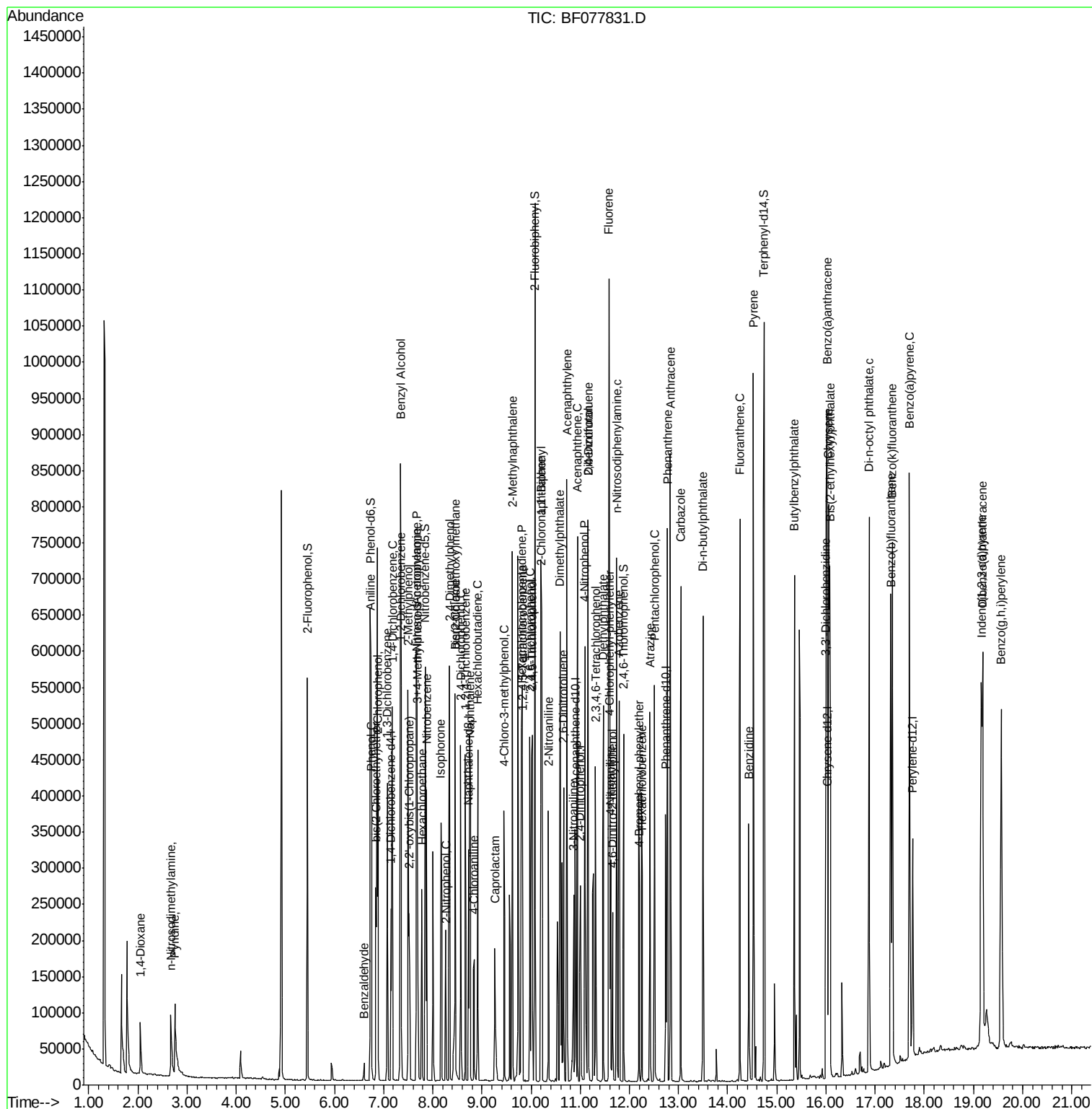
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	69000	43.83	nq	98
43) 2,4,5-Trichlorophenol	10.02	196	74186	43.62	nq	# 87
45) 1,1'-Biphenyl	10.20	154	272829	44.80	nq	98
46) 2-Chloronaphthalene	10.21	162	206099	41.64	nq	# 92
47) 2-Nitroaniline	10.35	65	57919	47.12	nq	93
48) Acenaphthylene	10.73	152	338688	41.15	nq	99
49) Dimethylphthalate	10.59	163	251887	44.57	nq	99
50) 2,6-Dinitrotoluene	10.66	165	52411	44.74	nq	94
51) Acenaphthene	10.95	154	195820	41.50	nq	99
52) 3-Nitroaniline	10.87	138	44830	32.95	nq	93
53) 2,4-Dinitrophenol	11.00	184	47446	107.21	nq	# 72
54) Dibenzofuran	11.16	168	301704	43.10	nq	99
55) 4-Nitrophenol	11.09	139	98691	97.94	nq	86
56) 2,4-Dinitrotoluene	11.16	165	72778	47.65	nq	# 67
57) Fluorene	11.59	166	255327	43.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	59583	45.50	nq	# 100
59) Diethylphthalate	11.47	149	242059	43.96	nq	99
60) 4-Chlorophenyl-phenylether	11.60	204	110853	41.79	nq	95
61) 4-Nitroaniline	11.62	138	60855	44.89	nq	88
62) Azobenzene	11.79	77	230127	43.73	nq	97
64) 4,6-Dinitro-2-methylphenol	11.65	198	30783	44.62	nq	81
65) n-Nitrosodiphenylamine	11.75	169	221406	45.16	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	68102	43.34	nq	96
67) Hexachlorobenzene	12.26	284	73741	42.71	nq	# 93
68) Atrazine	12.42	200	66939	48.72	nq	97
69) Pentachlorophenol	12.51	266	79214	87.31	nq	98
70) Phenanthrene	12.77	178	379006	44.84	nq	100
71) Anthracene	12.83	178	365939	43.82	nq	99
72) Carbazole	13.05	167	369408	46.51	nq	98
73) Di-n-butylphthalate	13.49	149	396164	44.48	nq	100
74) Fluoranthene	14.25	202	413526	44.36	nq	100
76) Benzidine	14.43	184	154795	39.73	nq	100
77) Pyrene	14.52	202	426551	43.07	nq	99
79) Butylbenzylphthalate	15.36	149	173201	44.36	nq	90
80) Benzo(a)anthracene	16.02	228	413916	44.34	nq	99
81) 3,3'-Dichlorobenzidine	16.00	252	106013	34.42	nq	100
82) Chrysene	16.05	228	399319	47.57	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	259557	43.88	nq	# 95
84) Di-n-octyl phthalate	16.88	149	441223	43.63	nq	99
85) Indeno(1,2,3-cd)pyrene	19.16	276	447116	42.67	nq	# 100
87) Benzo(b)fluoranthene	17.32	252	419257m	41.80	nq	
88) Benzo(k)fluoranthene	17.35	252	375720	47.96	nq	# 97
89) Benzo(a)pyrene	17.70	252	392183	46.86	nq	# 97
90) Dibenzo(a,h)anthracene	19.19	278	367746	44.31	nq	98
91) Benzo(g,h,i)perylene	19.56	276	377188	44.64	nq	97

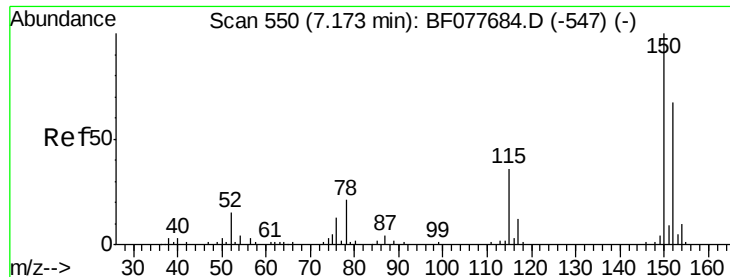
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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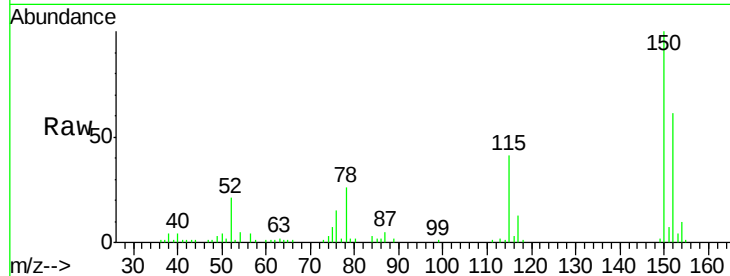


#1

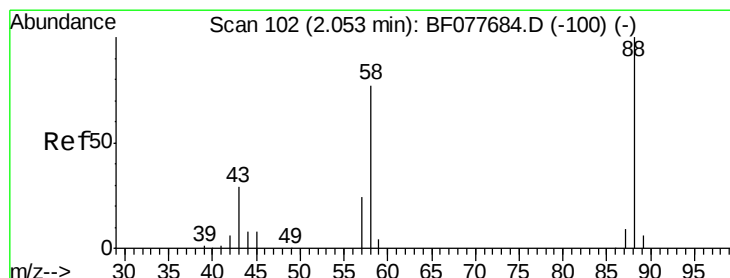
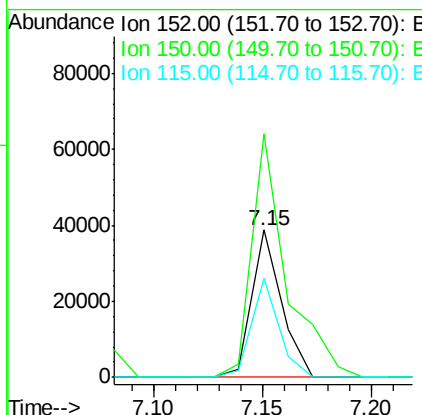
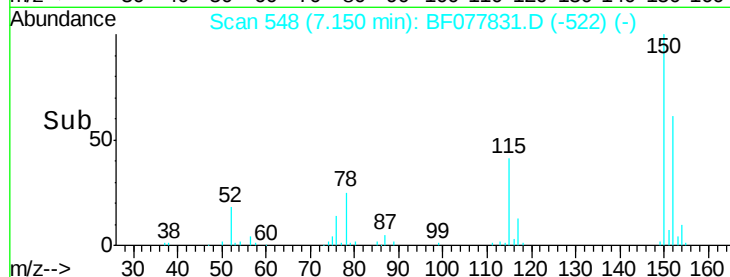
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:152 Resp: 36672
 Ion Ratio Lower Upper
 152 100
 150 165.0 119.5 179.3
 115 66.9 43.0 64.4#



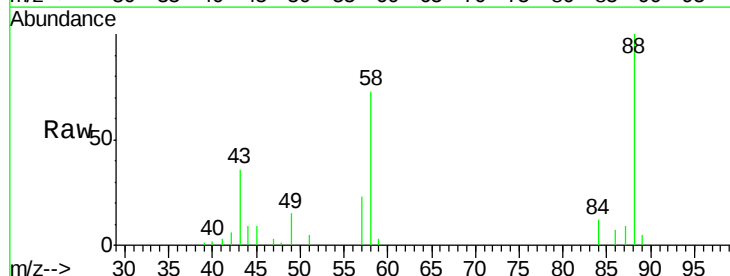
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



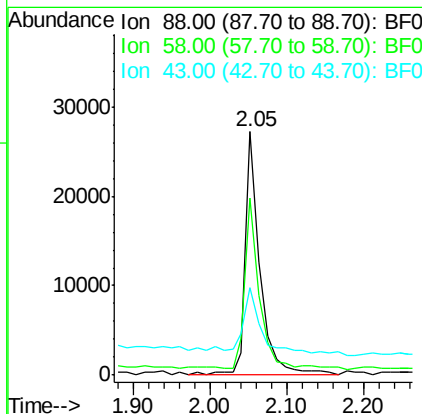
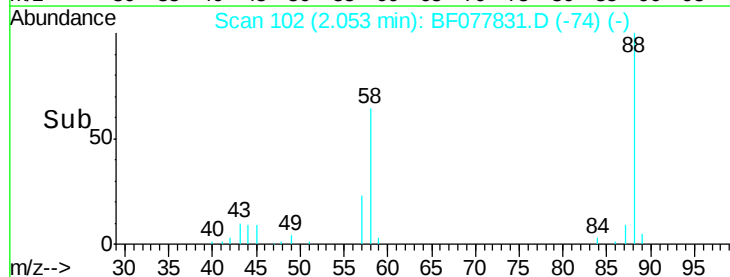
#2

1,4-Dioxane
 Concen: 38.29 ng
 RT: 2.05 min Scan# 102
 Delta R.T. 0.02 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion: 88 Resp: 36524
 Ion Ratio Lower Upper
 88 100
 58 69.6 0.0 0.0#
 43 30.4 0.0 0.0#



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: 35.63 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.03 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

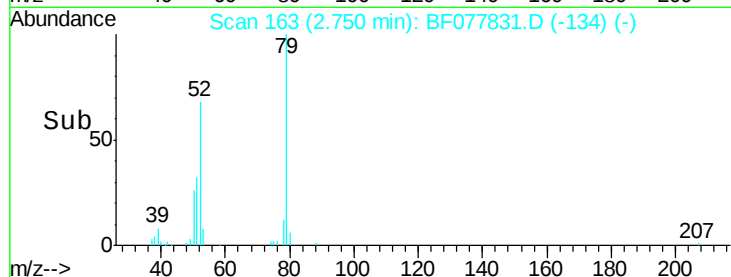
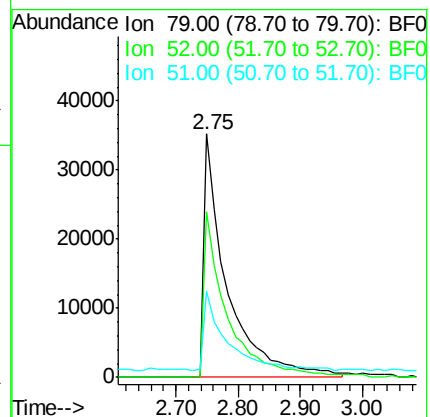
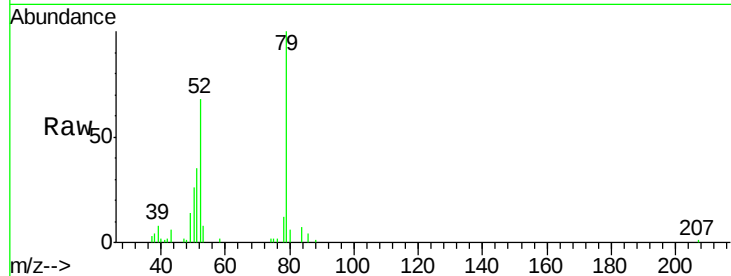
Tot Ion: 79 Resp: 91304

Ion Ratio Lower Upper

79 100

52 68.1 51.1 76.7

51 35.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 41.23 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

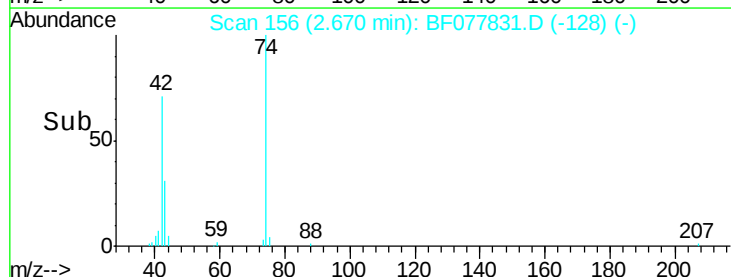
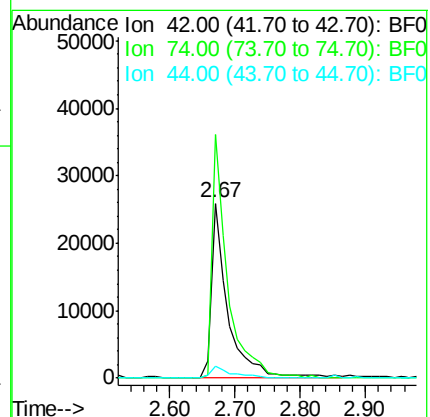
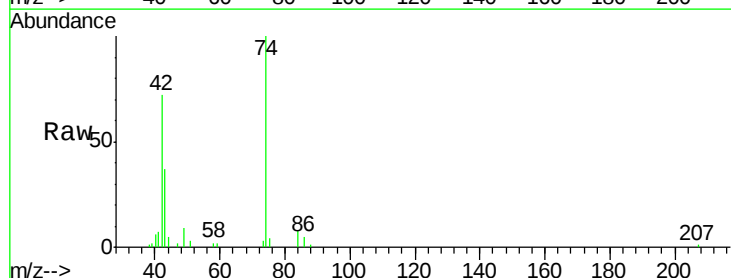
Tgt Ion: 42 Resp: 46010

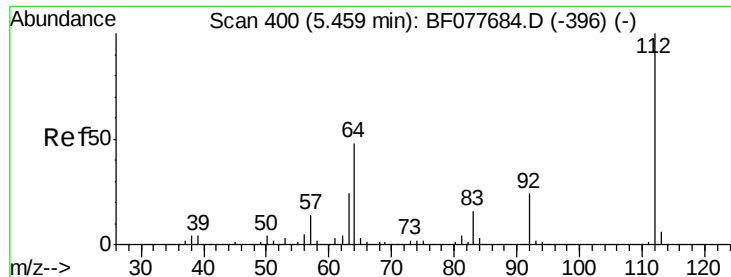
Ion Ratio Lower Upper

42 100

74 139.1 119.3 178.9

44 7.0 5.4 8.2





#5

2-Fluorophenol

Concen: 90.69 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

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ClientSampleId :

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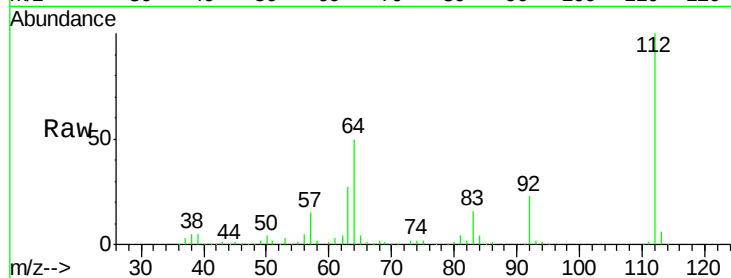
Tot Ion: 112 Resp: 190525

Ion Ratio Lower Upper

112 100

64 49.9 38.6 57.8

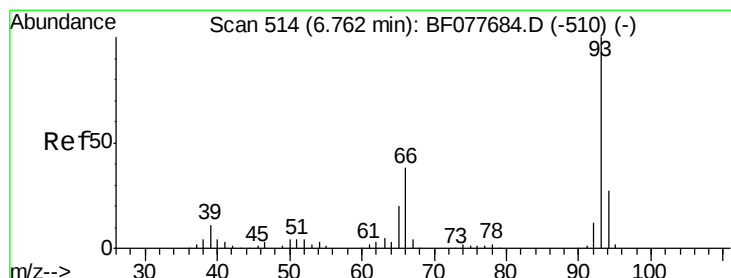
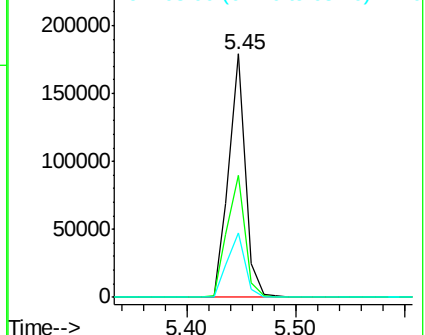
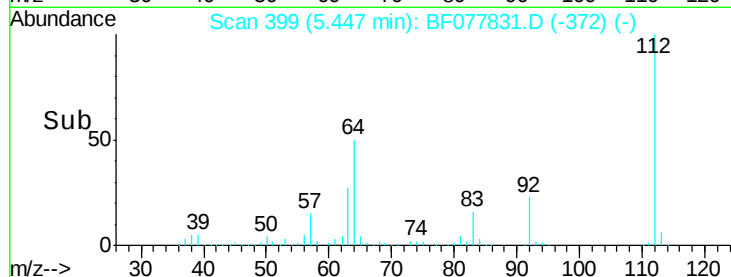
63 26.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.09 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

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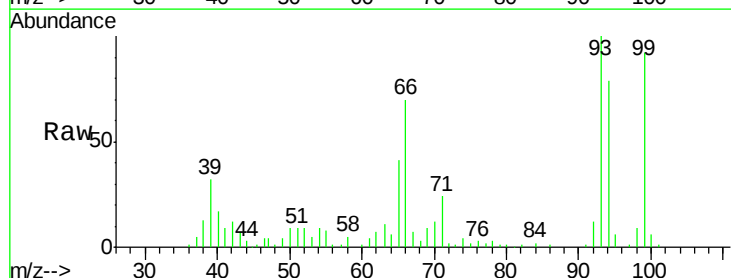
Tgt Ion: 93 Resp: 85725

Ion Ratio Lower Upper

93 100

66 69.8 30.8 46.2#

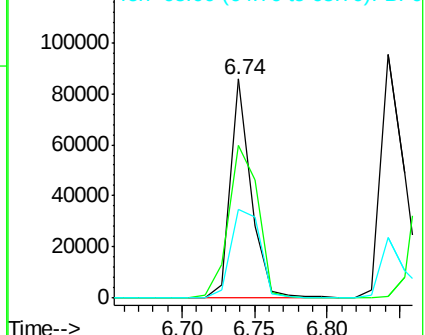
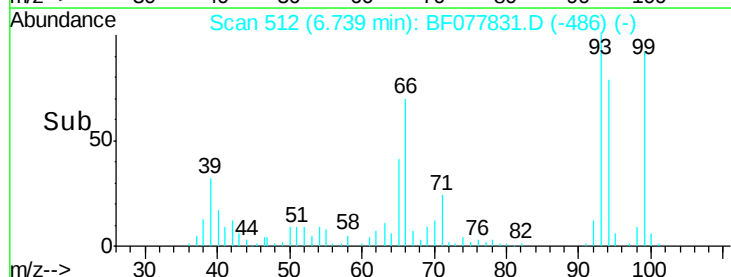
65 40.8 16.0 24.0#

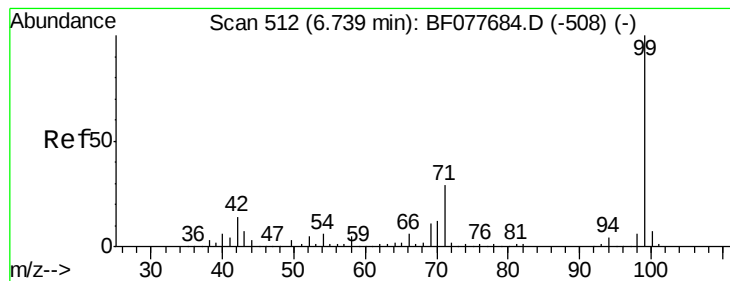


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.60 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

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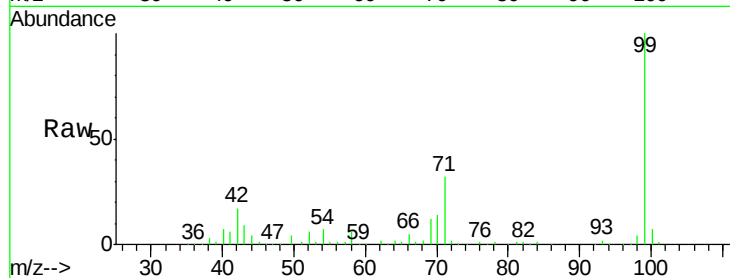
Tot Ion: 99 Resp: 235179

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

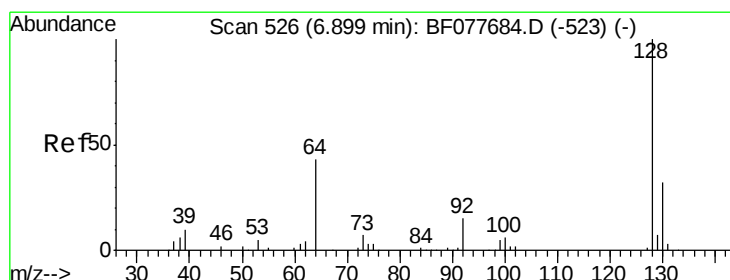
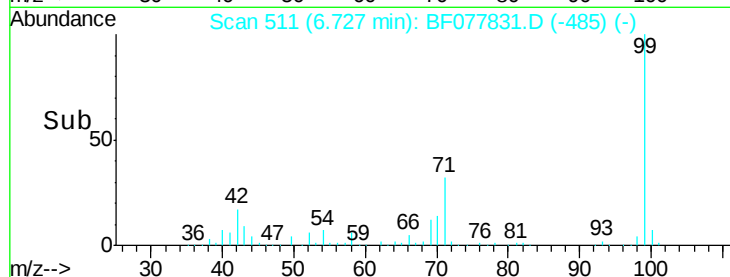
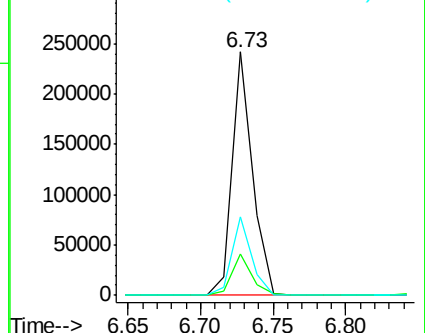
71 32.5 23.4 35.2



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: 46.99 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

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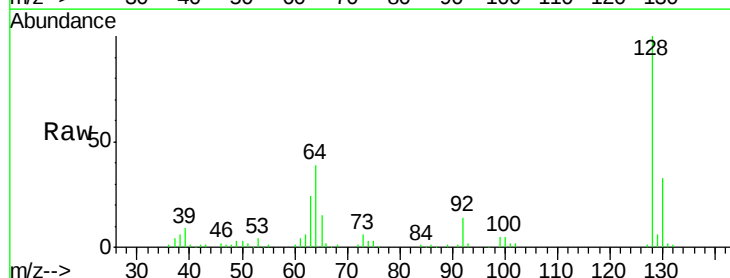
Tgt Ion: 128 Resp: 117516

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

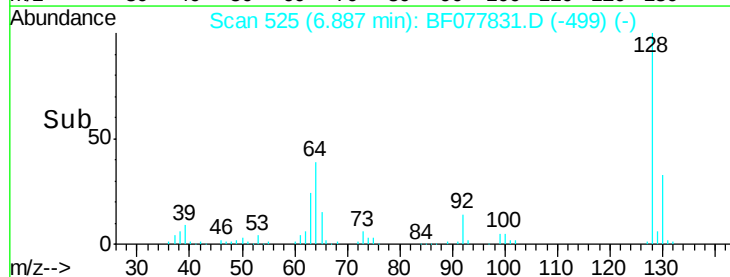
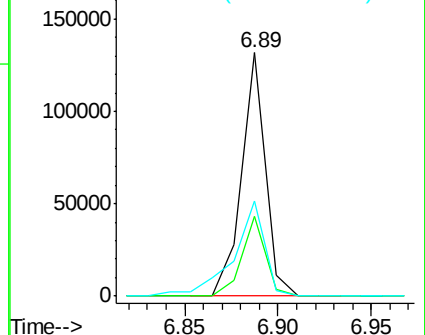
64 39.2 24.9 64.9

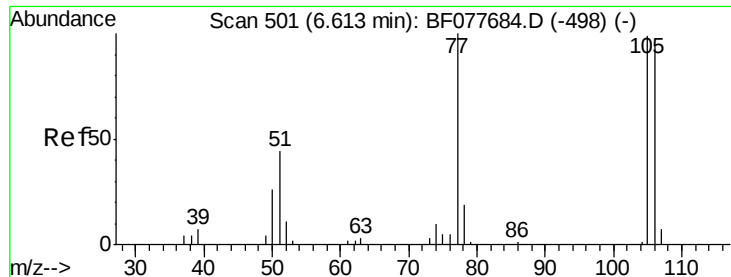


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.34 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

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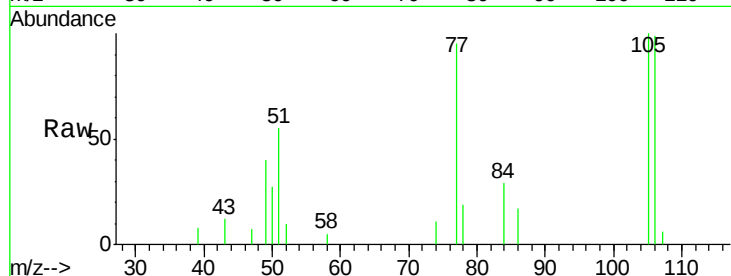
Tot Ion: 77 Resp: 5675

Ion Ratio Lower Upper

77 100

105 105.7 78.8 118.8

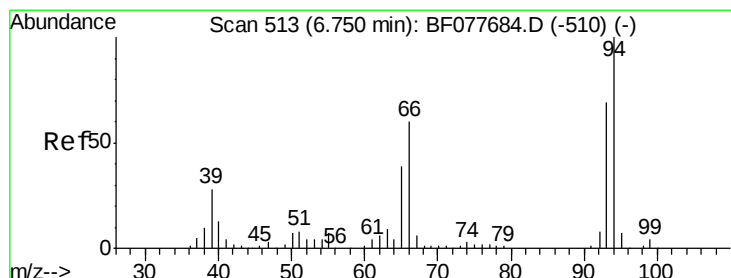
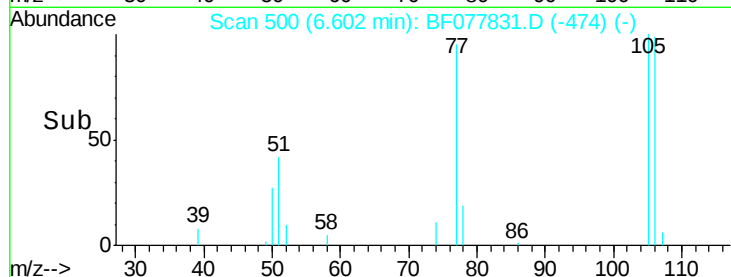
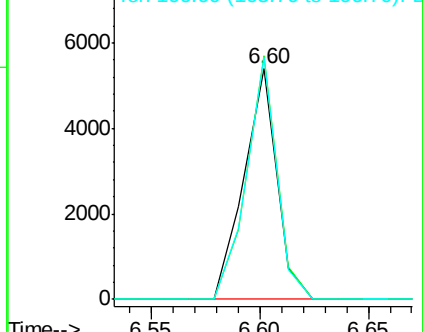
106 105.0 73.7 113.7



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: 45.07 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

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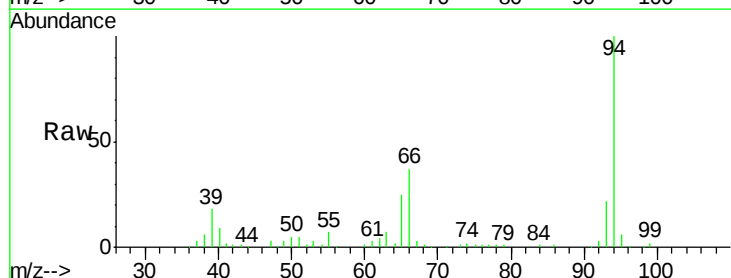
Tgt Ion: 94 Resp: 138291

Ion Ratio Lower Upper

94 100

65 25.3 18.8 58.8

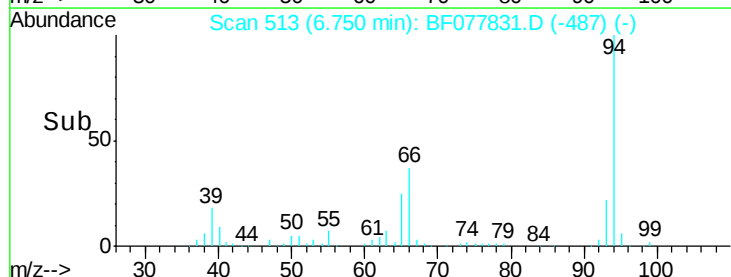
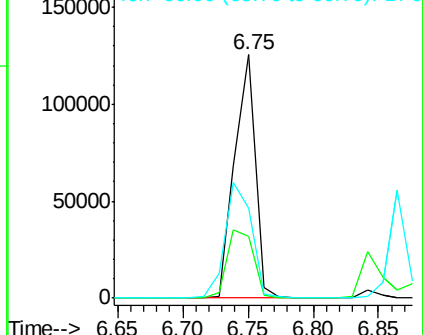
66 37.0 39.9 79.9#



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: 43.96 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

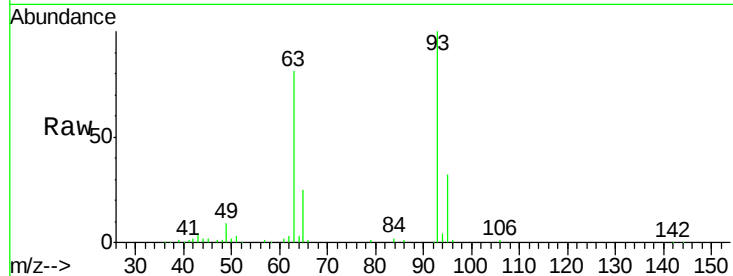
Tot Ion: 93 Resp: 101033

Ion Ratio Lower Upper

93 100

63 80.8 49.5 89.5

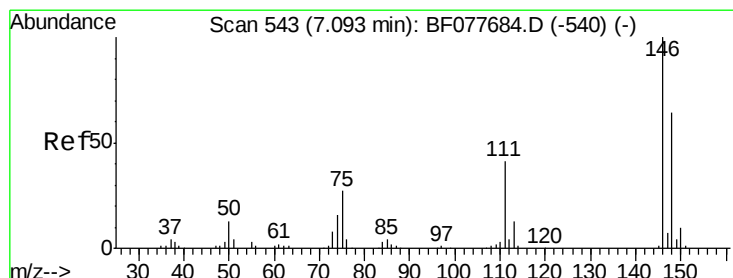
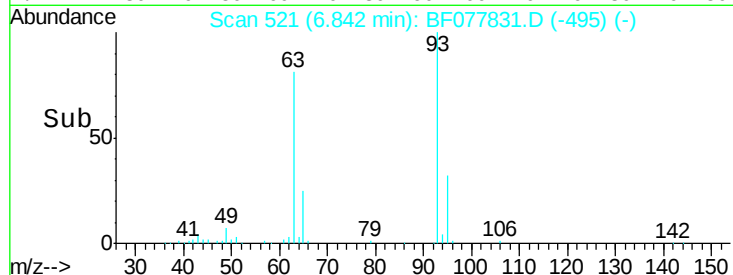
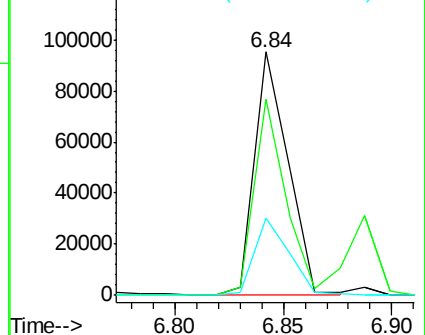
95 32.0 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.04 ng m

RT: 7.07 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

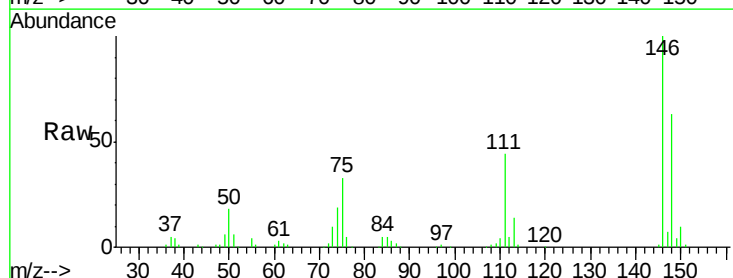
Tgt Ion: 146 Resp: 119705

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

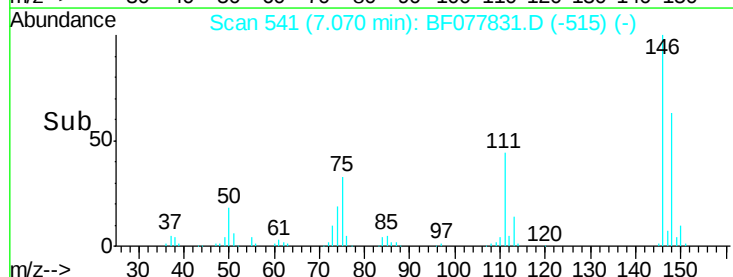
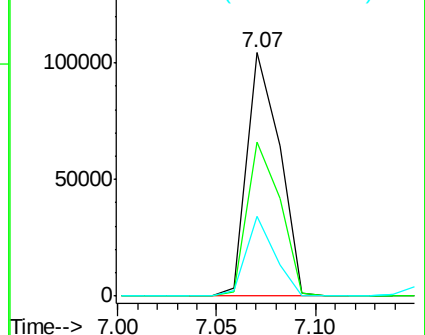
75 32.6 21.4 32.2#

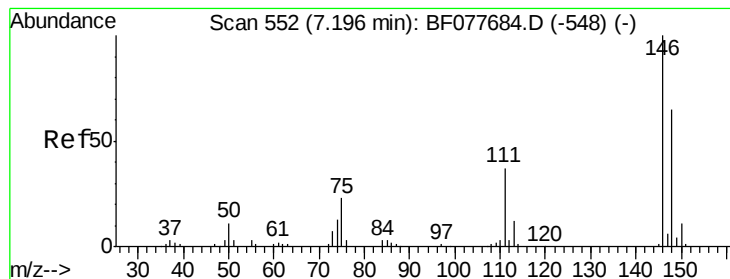


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.73 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

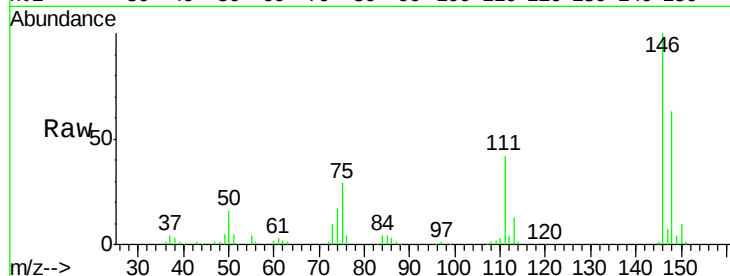
Tot Ion:146 Resp: 120616

Ion Ratio Lower Upper

146 100

148 62.6 51.9 77.9

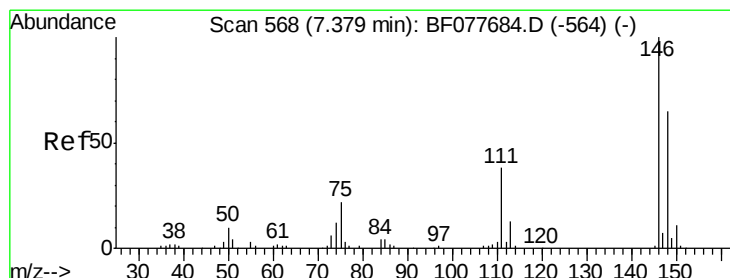
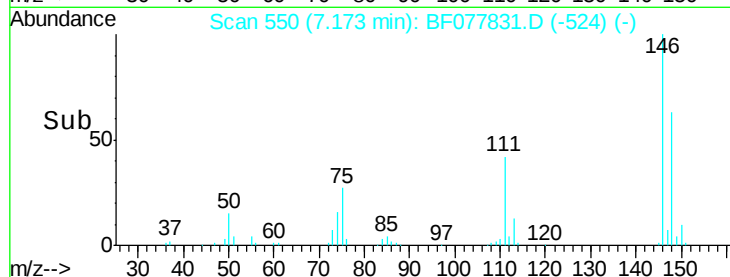
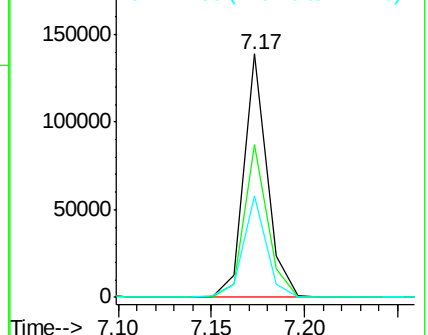
111 41.6 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.28 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

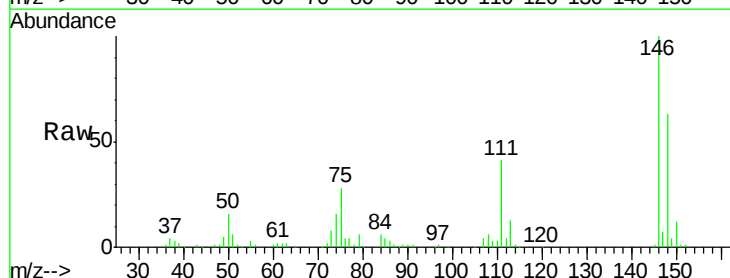
Tgt Ion:146 Resp: 117326

Ion Ratio Lower Upper

146 100

148 62.9 52.3 78.5

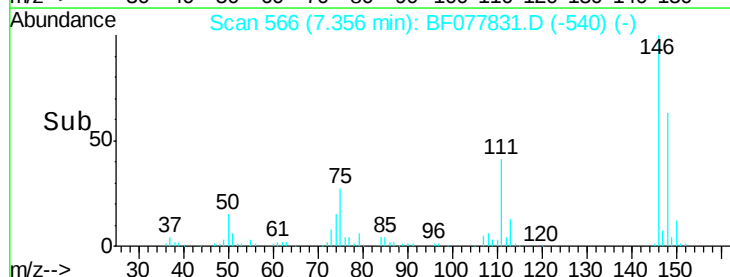
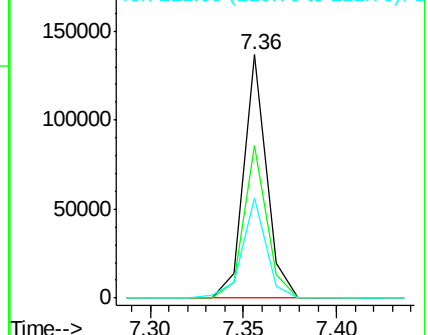
111 41.4 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

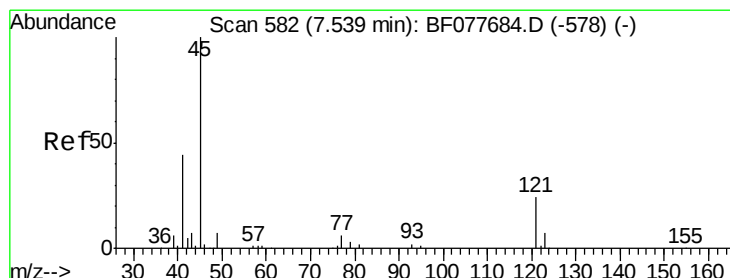
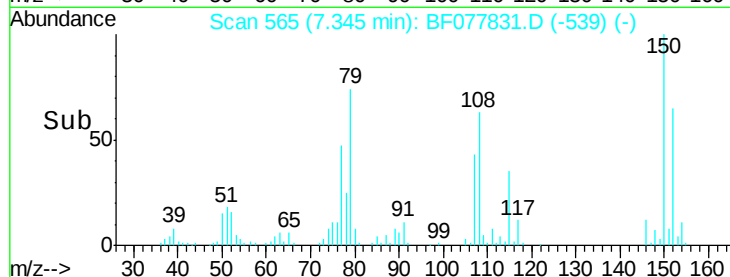
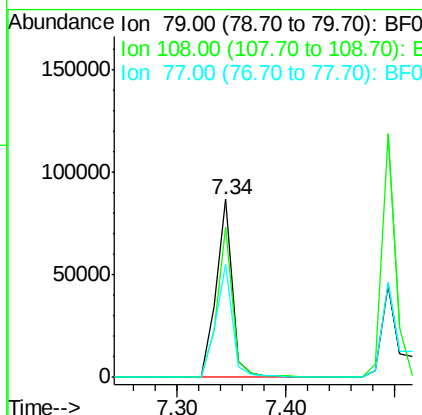
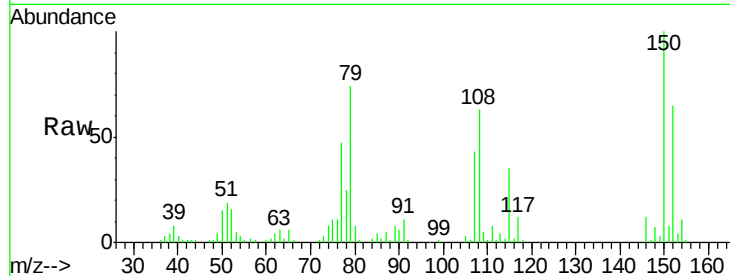




#15
Benzyl Alcohol
Concen: 45.66 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

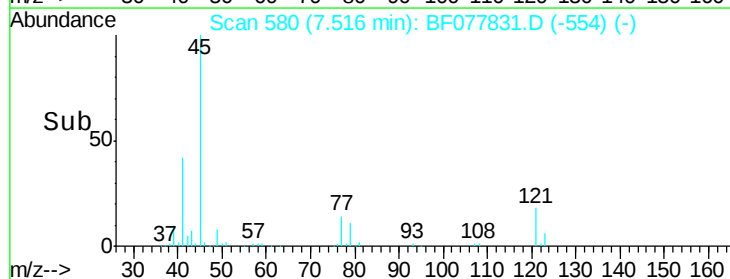
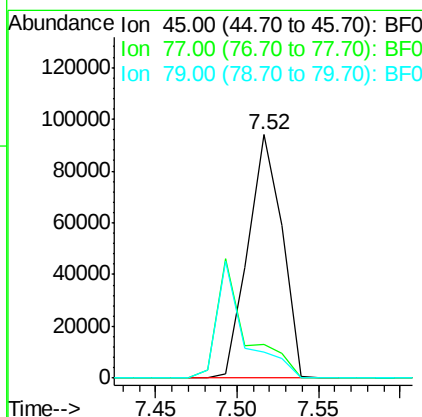
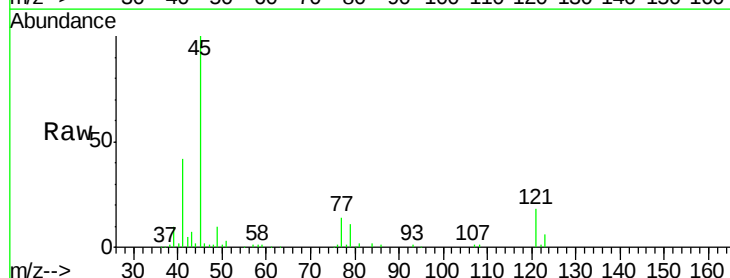
Instrument :
BNA_F
ClientSampleId :
PB82103BS

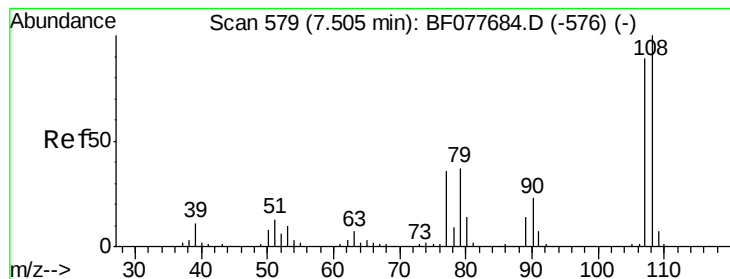
Tot Ion: 79 Resp: 92511
Ion Ratio Lower Upper
79 100
108 84.5 65.0 97.4
77 63.3 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.92 ng
RT: 7.52 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion: 45 Resp: 136023
Ion Ratio Lower Upper
45 100
77 13.6 0.0 35.2
79 10.6 0.0 32.0





#17

2-Methylphenol

Concen: 44.84 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tot Ion:107 Resp: 91284

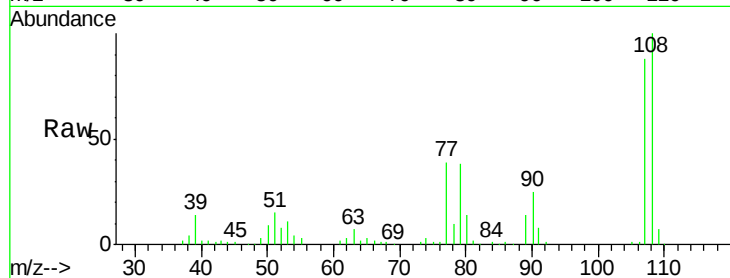
Ion Ratio Lower Upper

107 100

108 113.8 89.8 134.8

77 44.3 32.6 48.8

79 43.3 32.8 49.2

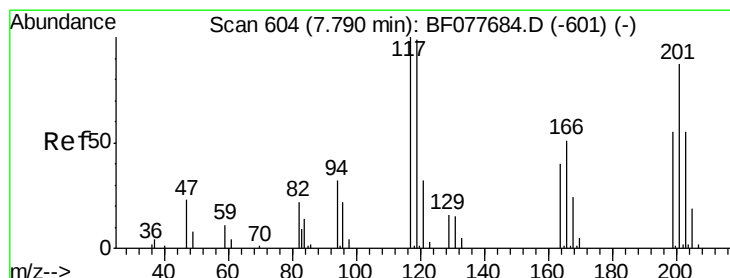
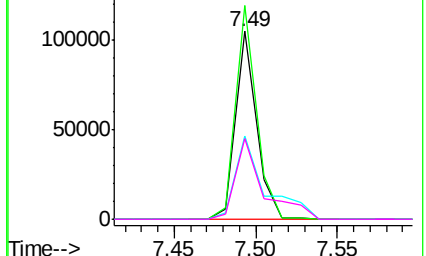
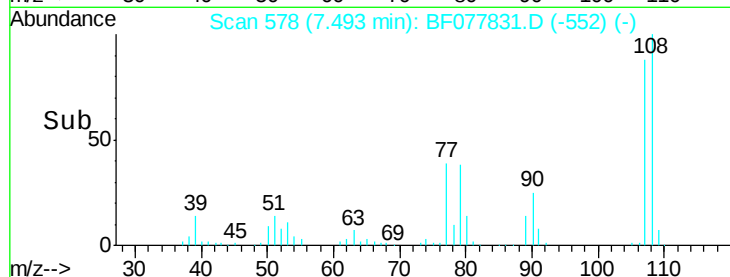


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.56 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

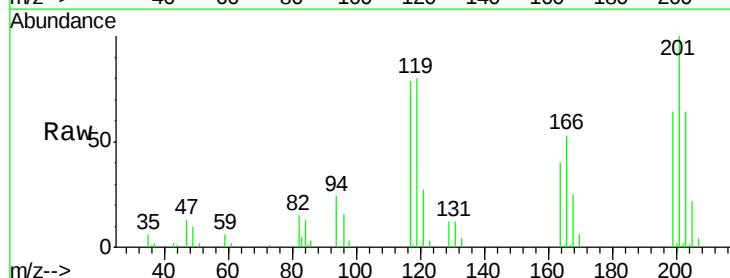
Tgt Ion:117 Resp: 40341

Ion Ratio Lower Upper

117 100

119 101.3 79.2 118.8

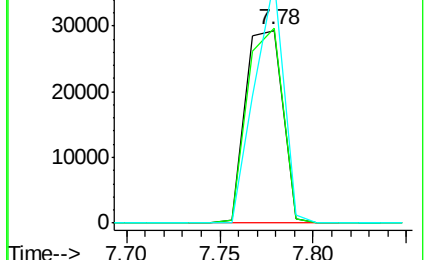
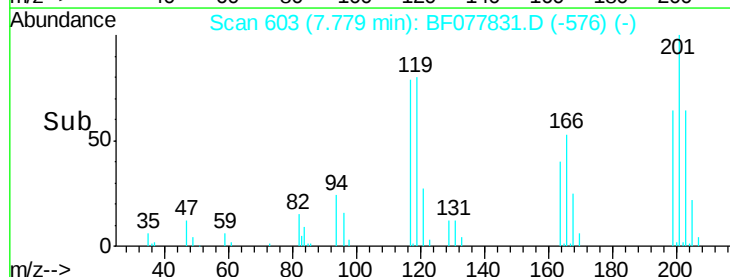
201 126.5 69.8 104.6#

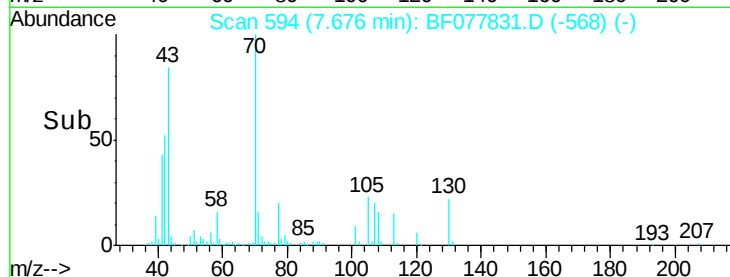
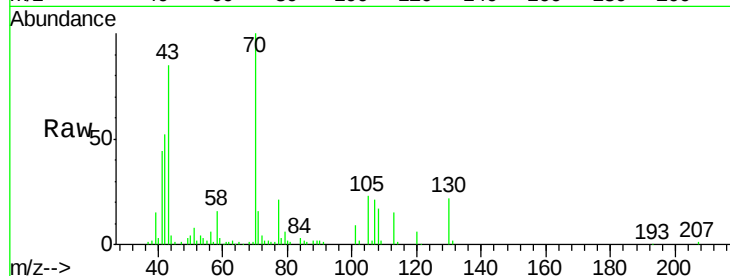
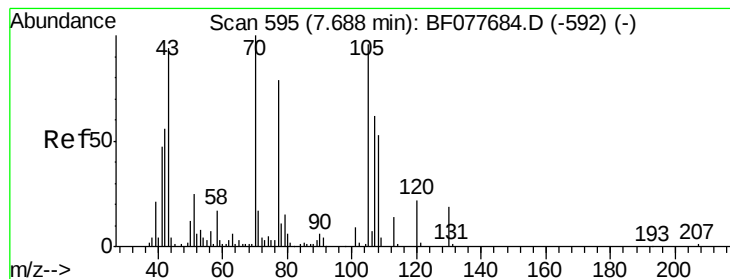


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.38 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tot Ion: 70 Resp: 79696

Ion Ratio Lower Upper

70 100

42 52.3 44.5 66.7

101 9.4 7.4 11.2

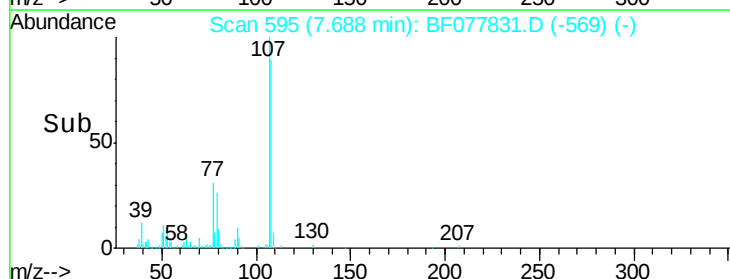
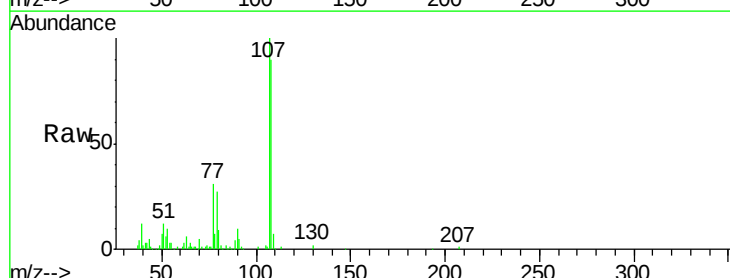
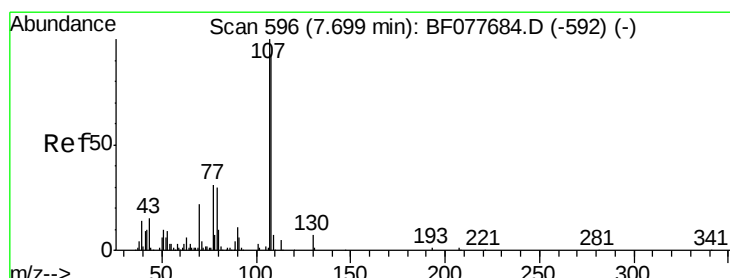
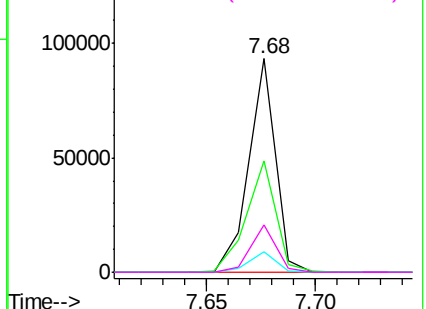
130 21.9 15.3 22.9

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.21 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Tgt Ion:107 Resp: 118116

Ion Ratio Lower Upper

107 100

108 89.6 73.2 113.2

77 31.4 10.7 50.7

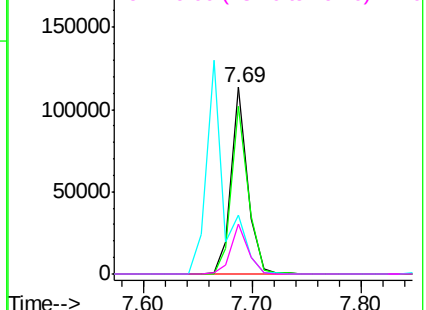
79 26.8 9.6 49.6

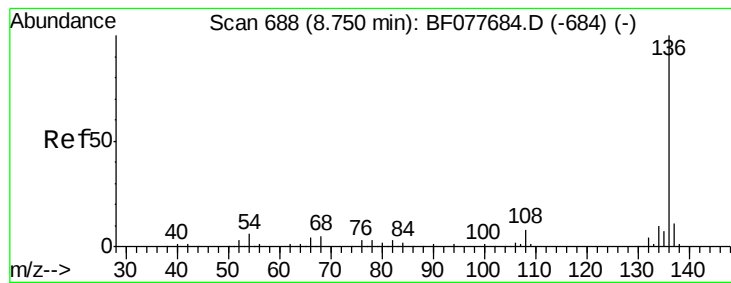
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

Tot Ion:136 Resp: 150570

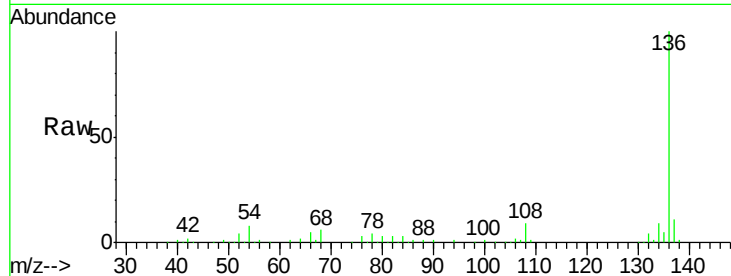
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 4.6 6.8#

68 6.2 3.7 5.5#

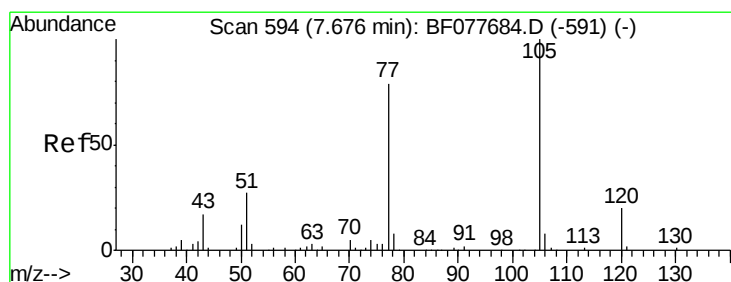
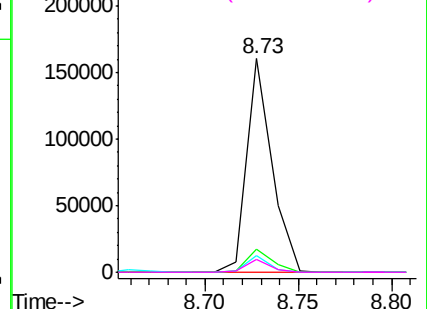
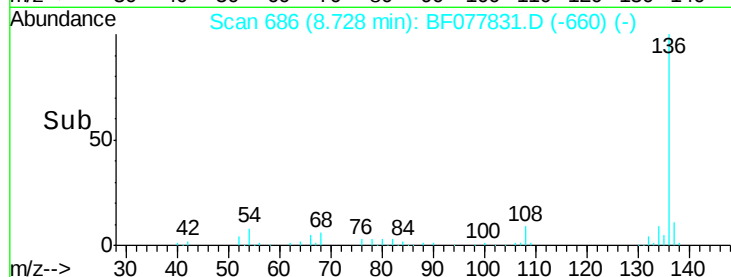


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.54 ng

RT: 7.66 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Tgt Ion:105 Resp: 158447

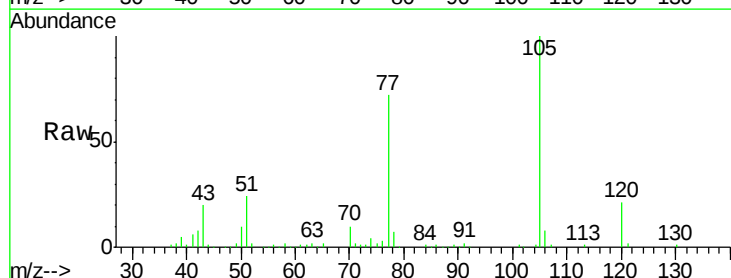
Ion Ratio Lower Upper

105 100

71 1.7 0.6 1.0#

51 24.0 21.6 32.4

120 21.5 16.1 24.1

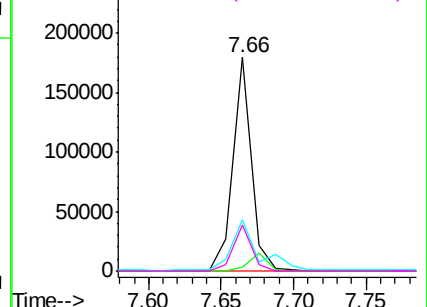
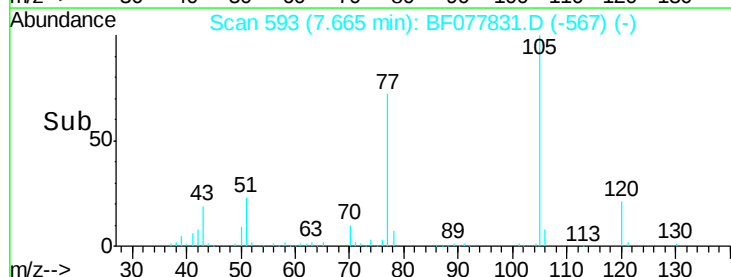


Abundance Ion 105.00 (104.70 to 105.70): E

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

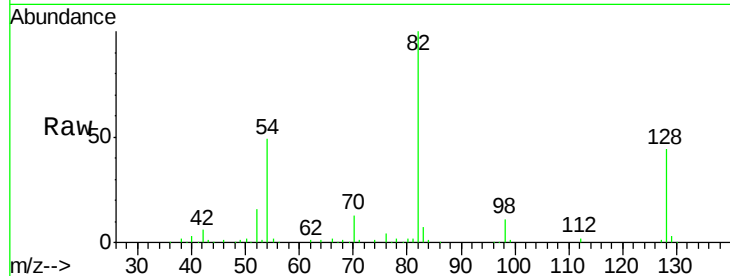




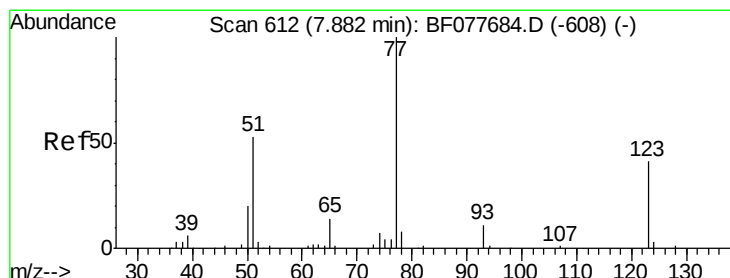
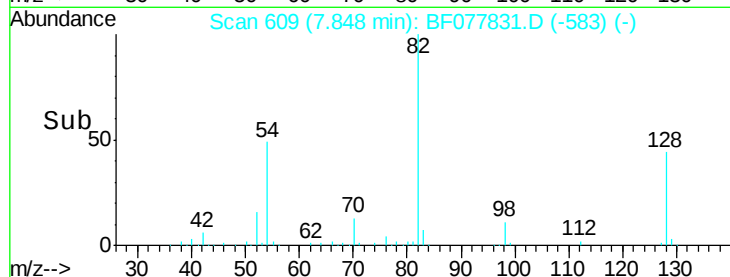
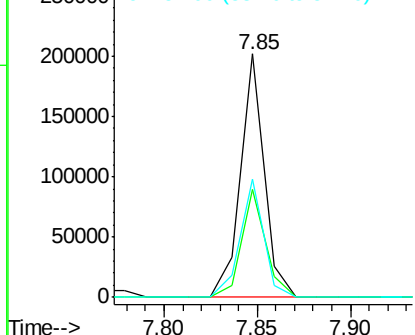
#23
Nitrobenzene-d5
Concen: 78.09 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion: 82 Resp: 179365
Ion Ratio Lower Upper
82 100
128 44.4 32.8 49.2
54 48.7 40.6 60.8

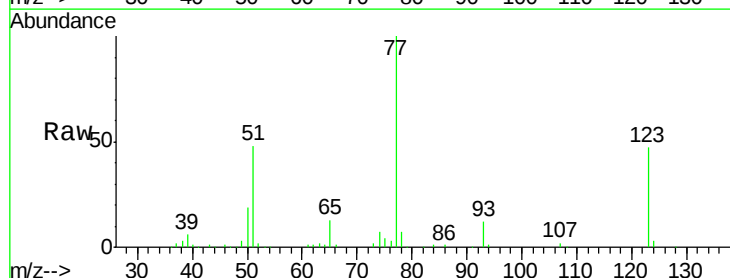


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

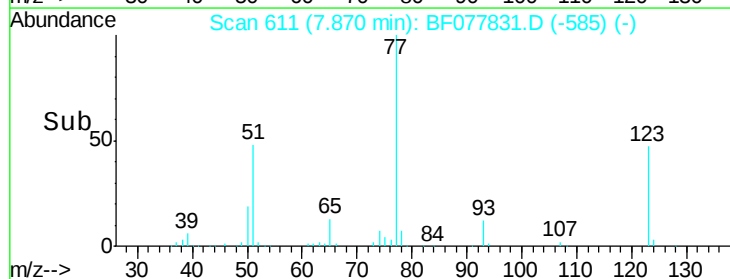
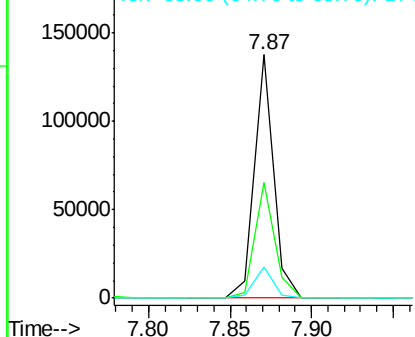


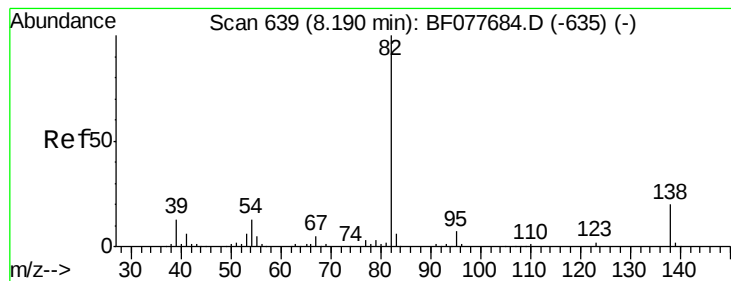
#24
Nitrobenzene
Concen: 45.81 ng
RT: 7.87 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion: 77 Resp: 113371
Ion Ratio Lower Upper
77 100
123 47.4 32.6 49.0
65 12.6 10.9 16.3



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





#25

Isophorone

Concen: 41.80 ng

RT: 8.17 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

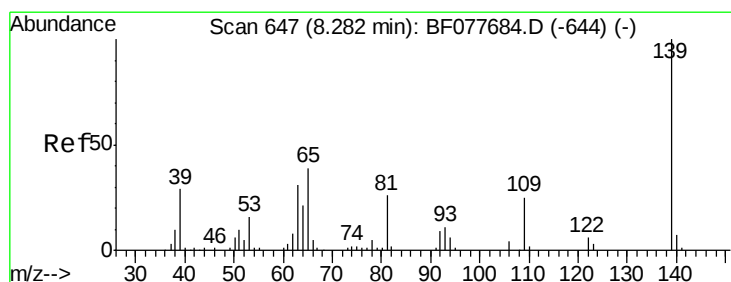
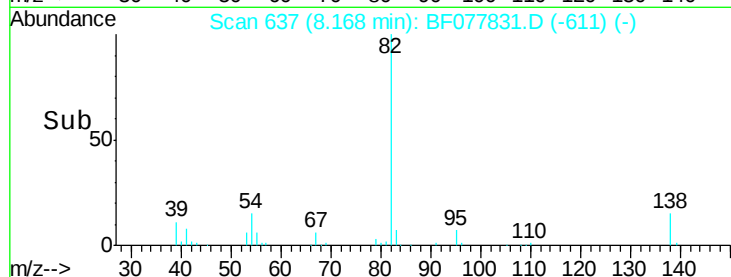
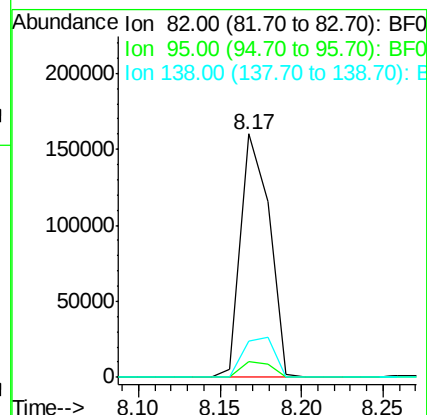
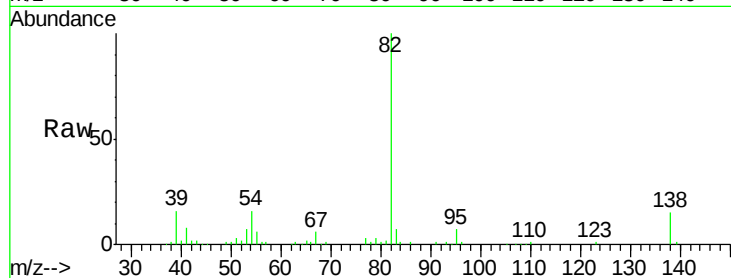
Tot Ion: 82 Resp: 193891

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 15.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 45.23 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

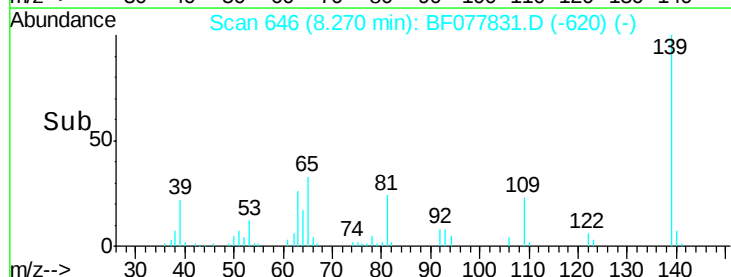
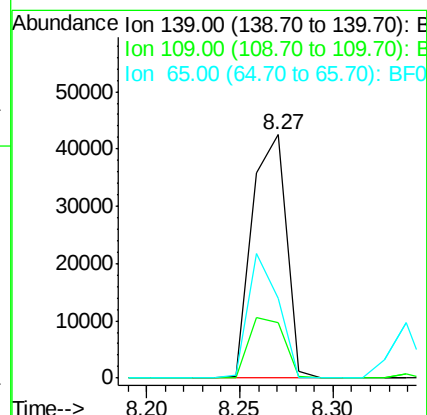
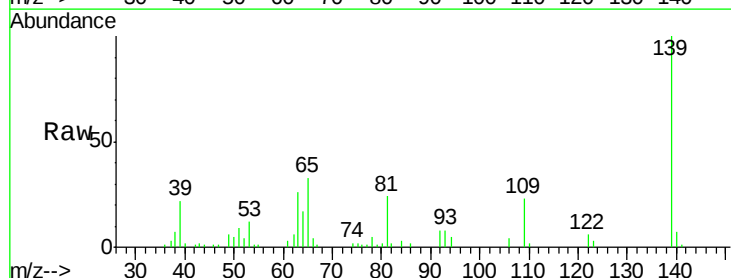
Tgt Ion: 139 Resp: 54791

Ion Ratio Lower Upper

139 100

109 22.9 20.1 30.1

65 32.9 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 47.45 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

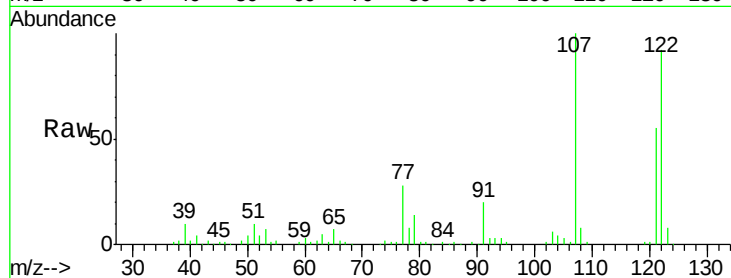
Tot Ion:122 Resp: 104722

Ion Ratio Lower Upper

122 100

107 108.6 84.7 127.1

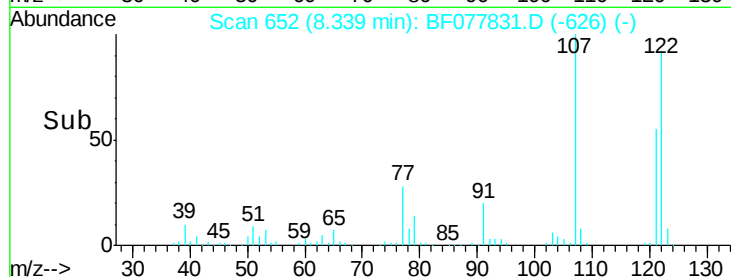
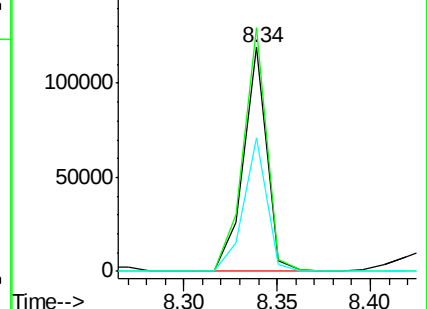
121 59.4 46.6 69.8



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: 47.19 ng

RT: 8.45 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

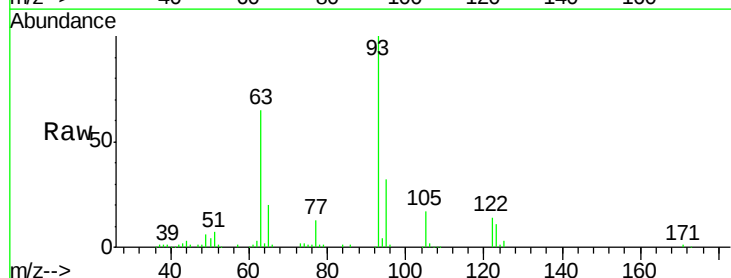
Tgt Ion: 93 Resp: 132883

Ion Ratio Lower Upper

93 100

95 31.5 25.5 38.3

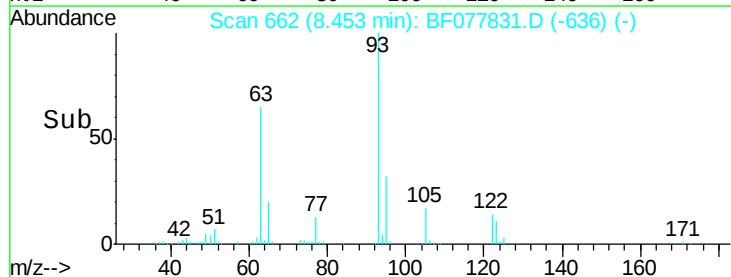
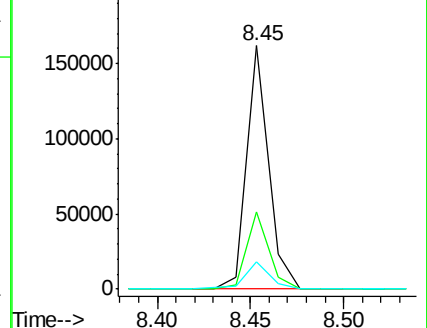
123 11.2 8.6 13.0

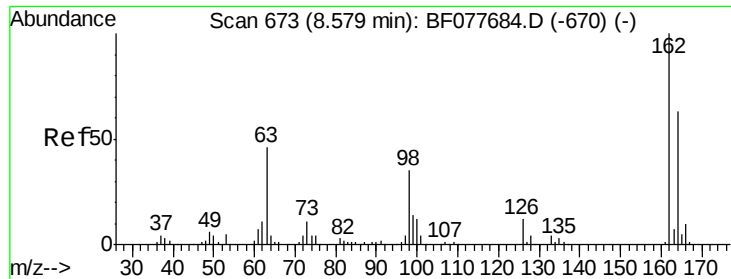


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

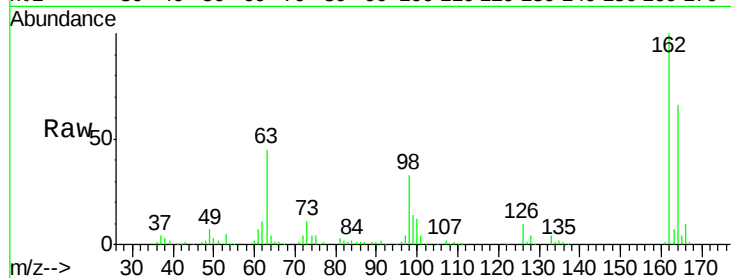




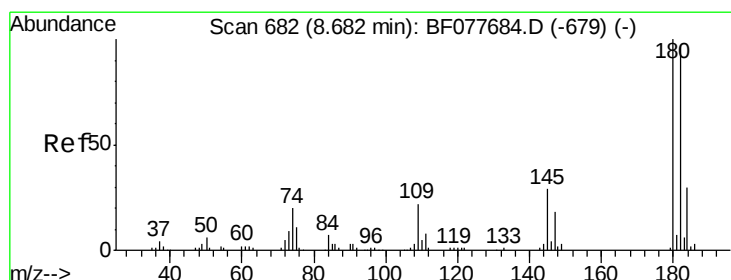
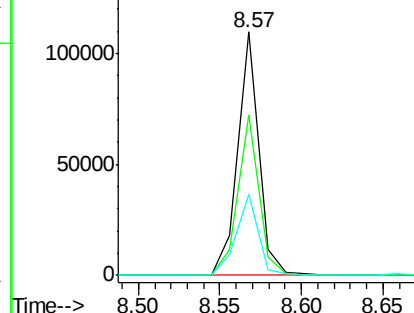
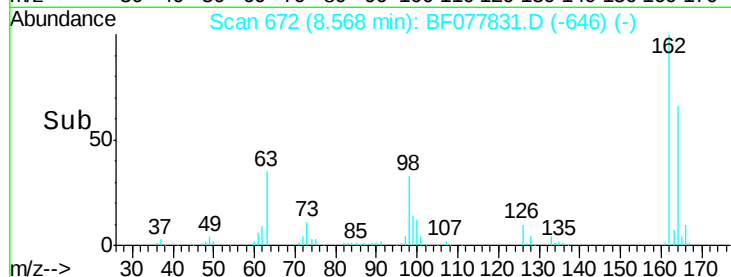
#29
 2,4-Dichlorophenol
 Concen: 46.01 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.8	82.8
98	33.2	14.5	54.5

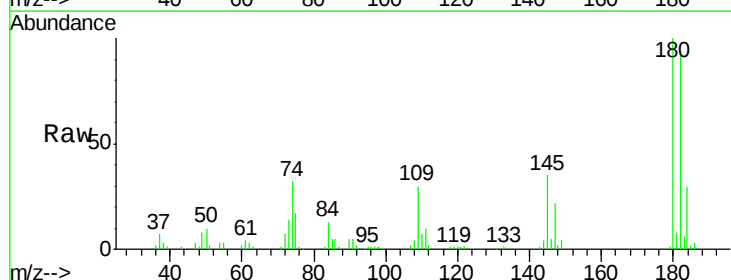


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

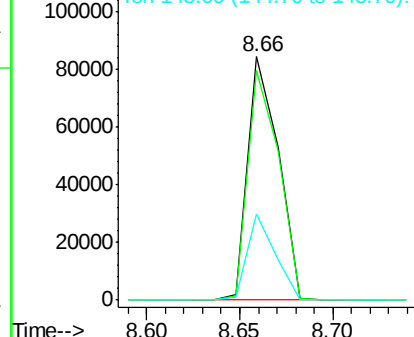
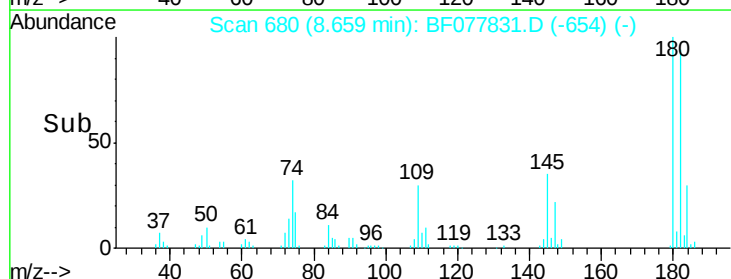


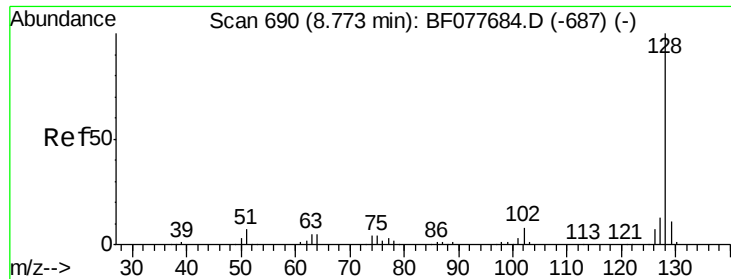
#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 8.66 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.6	116.4
145	35.2	23.4	35.2#



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

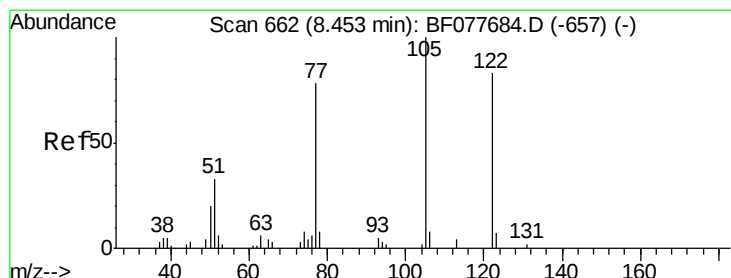
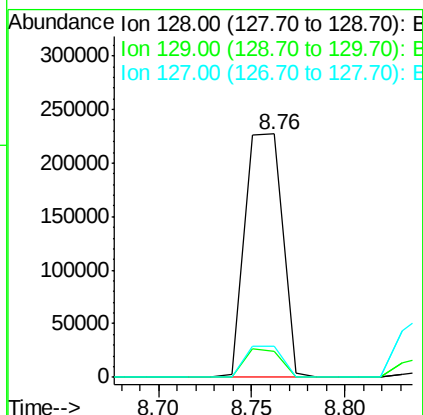
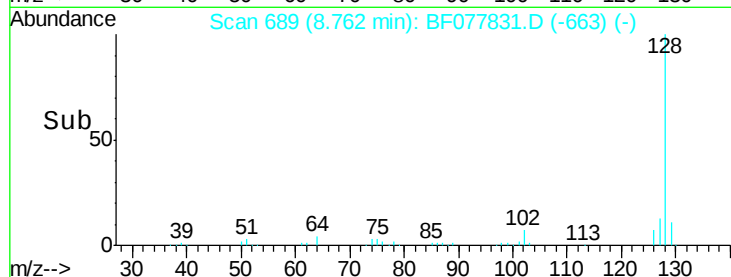
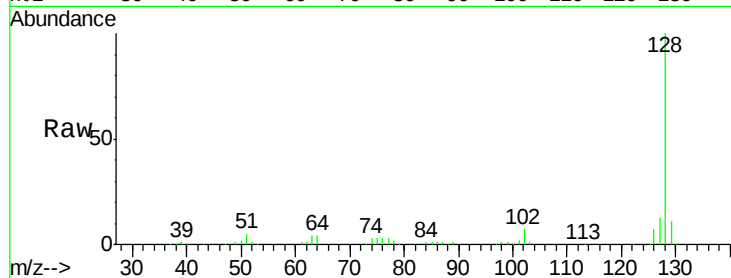




#31
Naphthalene
Concen: 40.91 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

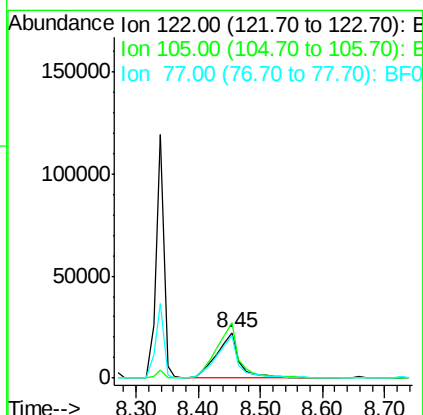
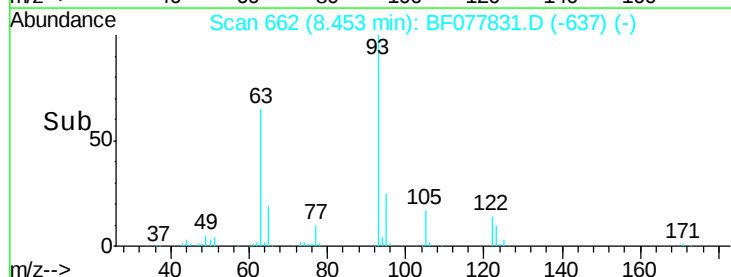
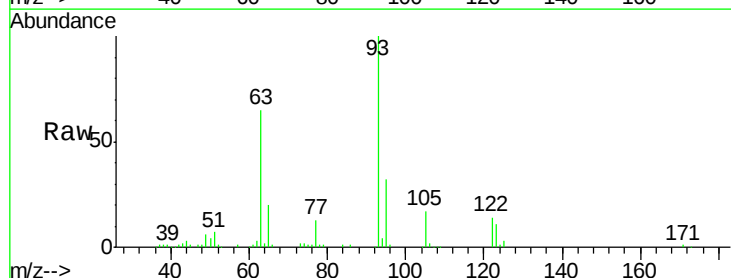
Instrument :
BNA_F
ClientSampleId :
PB82103BS

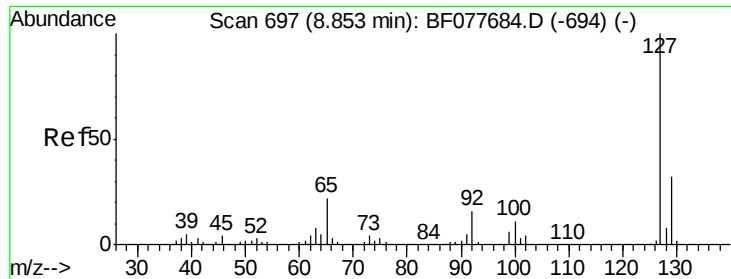
Tot Ion:128 Resp: 316336
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 46.33 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:122 Resp: 56900
Ion Ratio Lower Upper
122 100
105 121.6 99.9 139.9
77 93.4 73.7 113.7

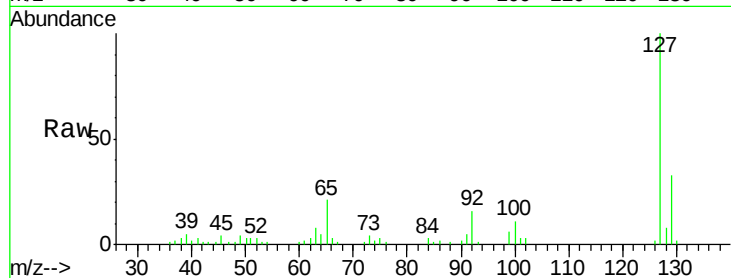




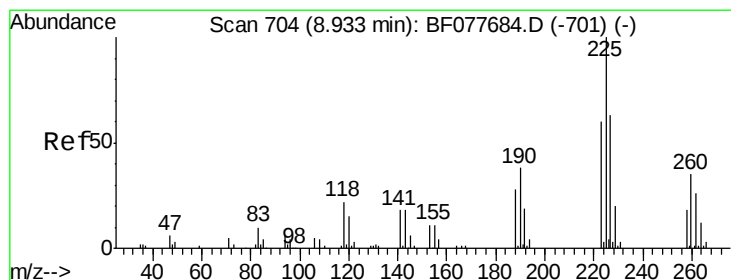
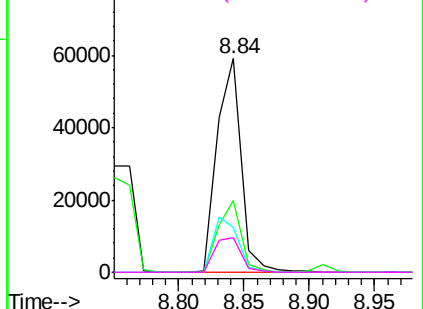
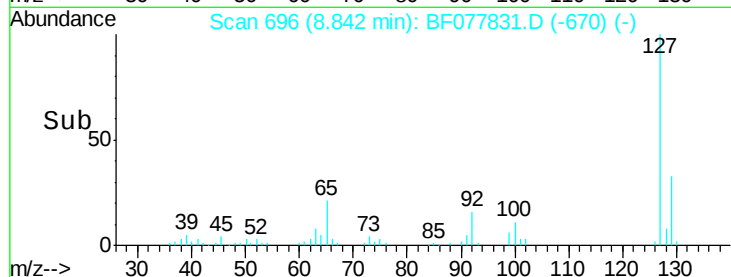
#33
4-Chloroaniline
Concen: 24.46 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:	127	Resp:	76764
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.3	37.9
65	21.2	17.6	26.4
92	16.0	13.1	19.7

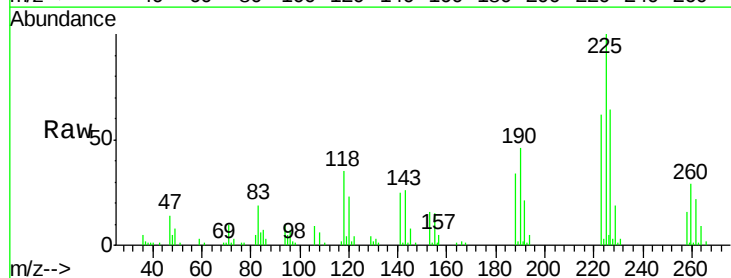


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

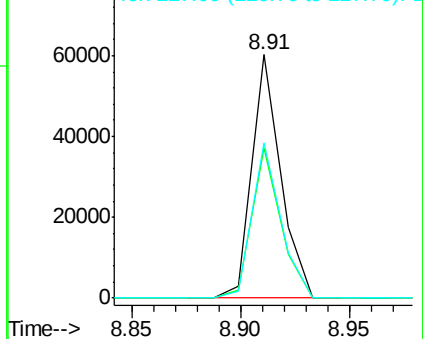
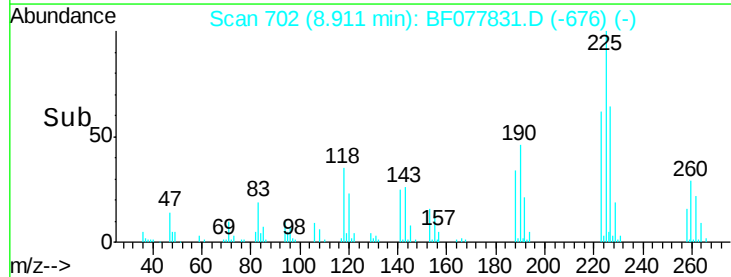


#34
Hexachlorobutadiene
Concen: 41.55 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:	225	Resp:	55441
Ion	Ratio	Lower	Upper
225	100		
223	61.5	47.9	71.9
227	63.9	50.1	75.1



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: 46.88 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

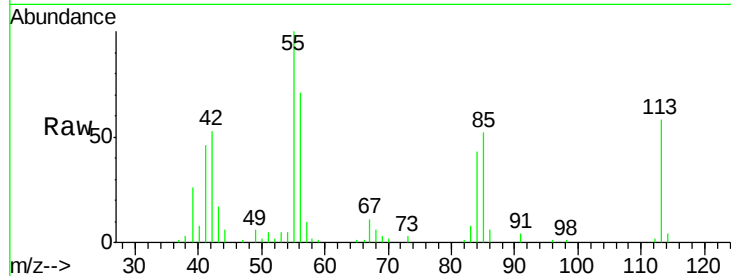
Tot Ion:113 Resp: 28827

Ion Ratio Lower Upper

113 100

55 173.3 145.9 185.9

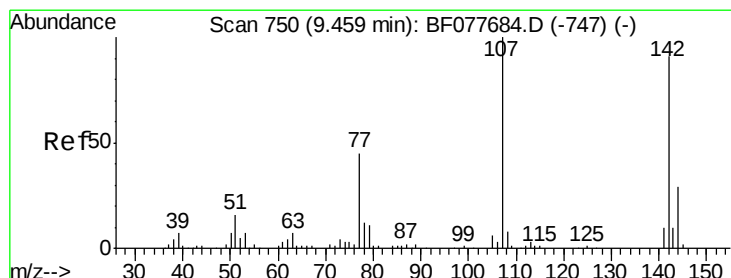
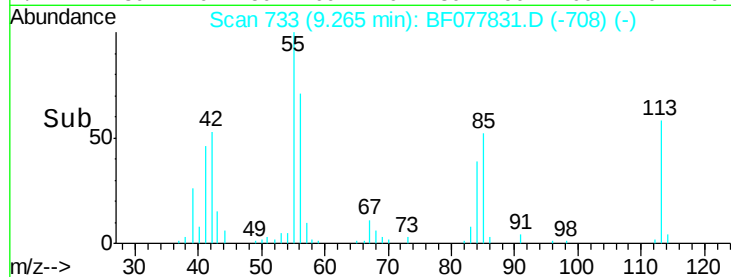
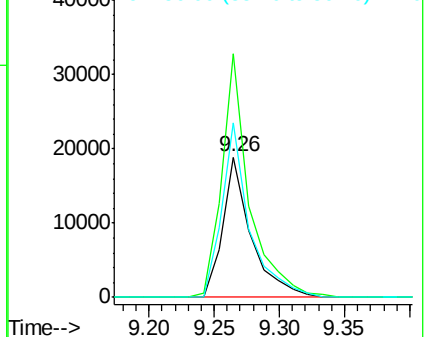
56 123.8 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.26 ng

RT: 9.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

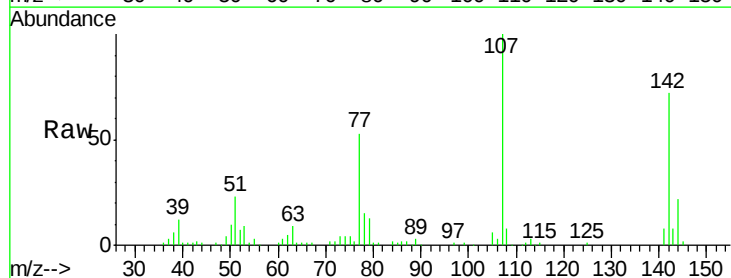
Tgt Ion:107 Resp: 95802

Ion Ratio Lower Upper

107 100

144 22.2 23.3 34.9#

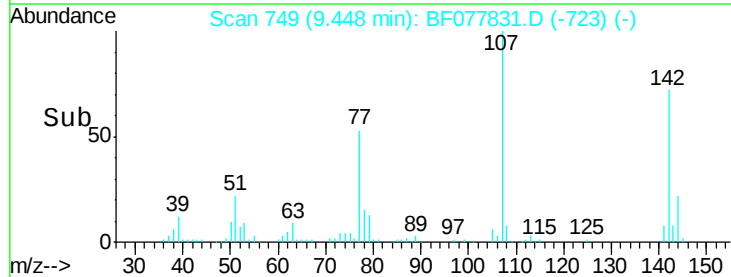
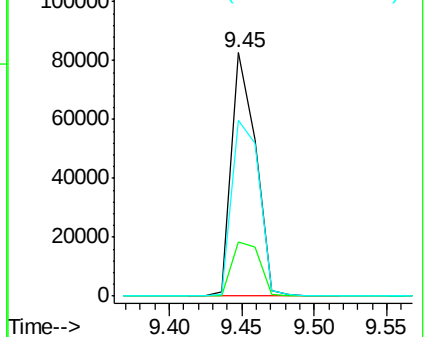
142 72.1 72.6 109.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.68 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

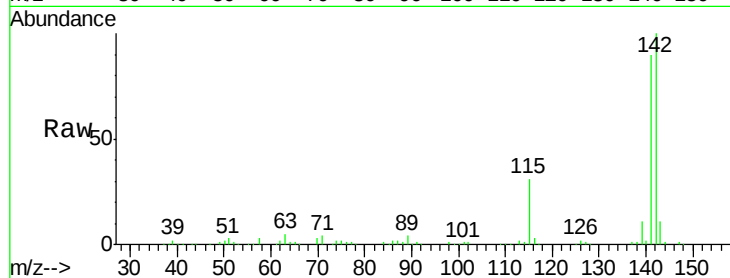
Tot Ion:142 Resp: 226932

Ion Ratio Lower Upper

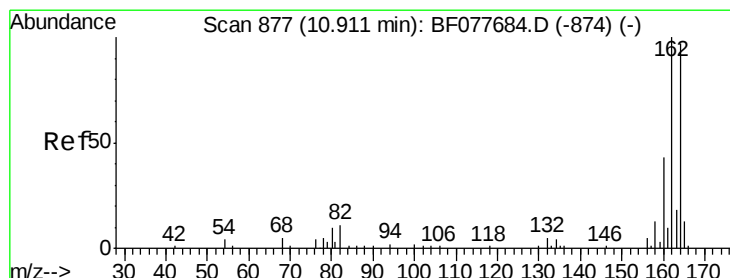
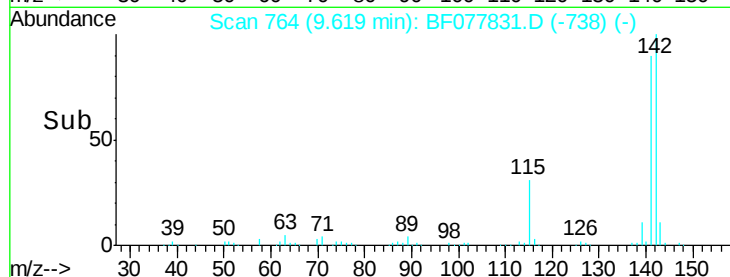
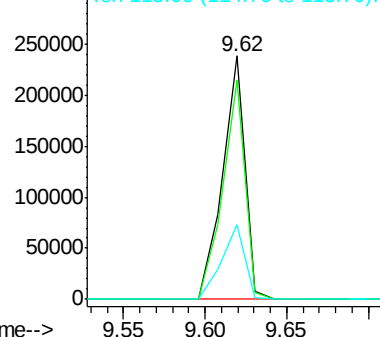
142 100

141 90.2 71.9 107.9

115 30.9 25.4 38.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

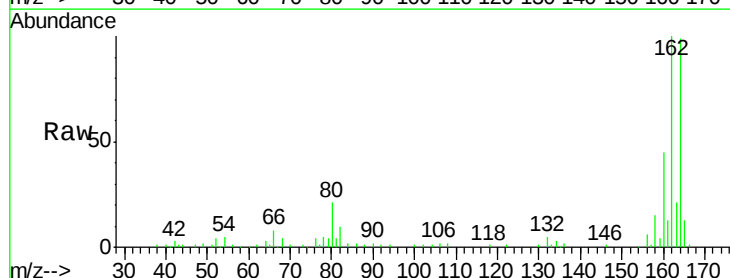
Tgt Ion:164 Resp: 76189

Ion Ratio Lower Upper

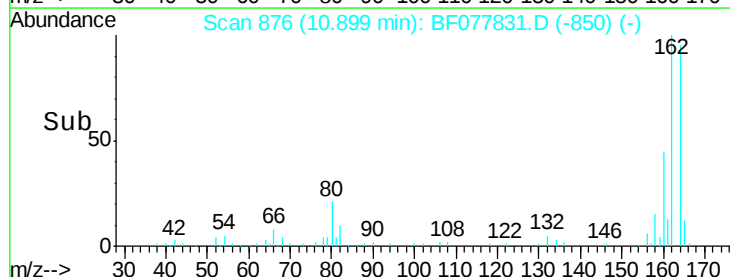
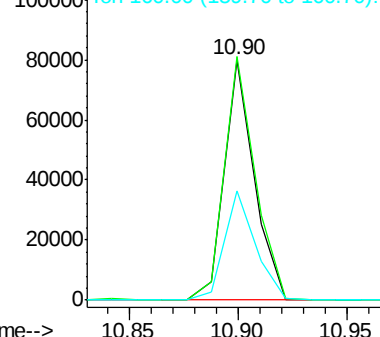
164 100

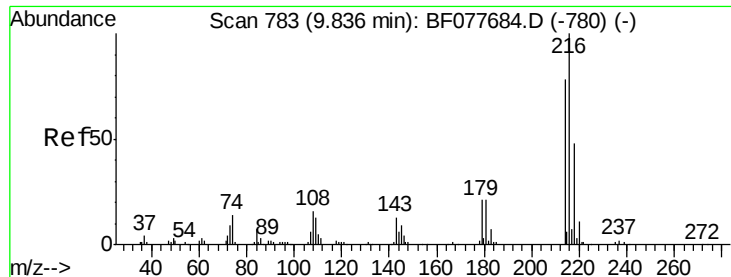
162 101.4 82.4 123.6

160 45.4 35.8 53.6



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

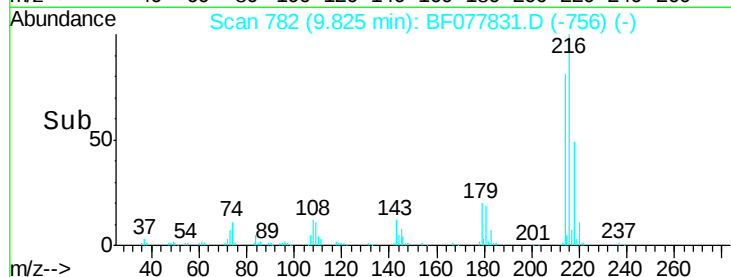
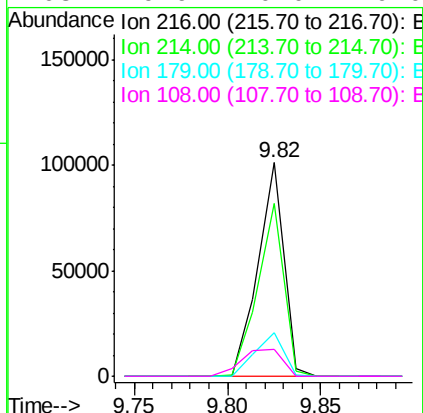
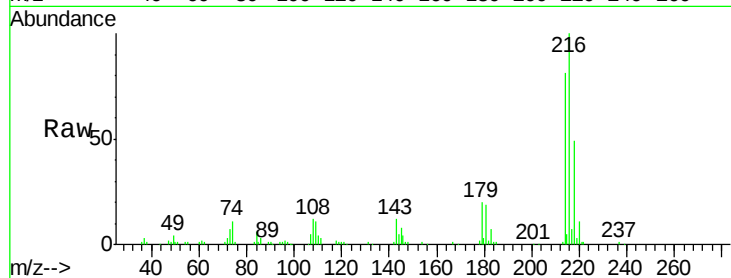




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.79 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

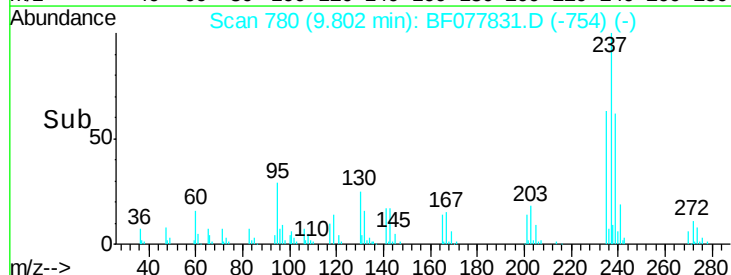
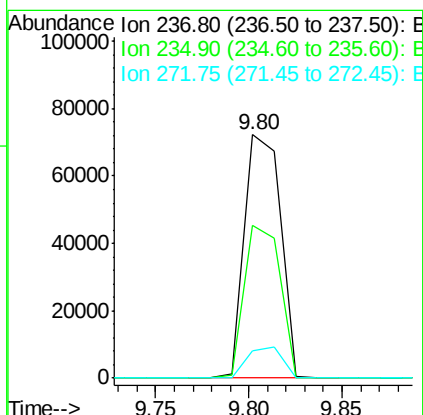
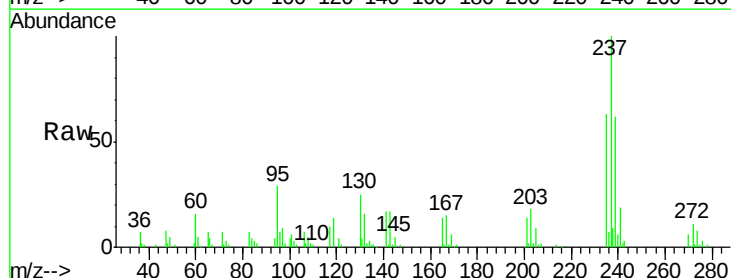
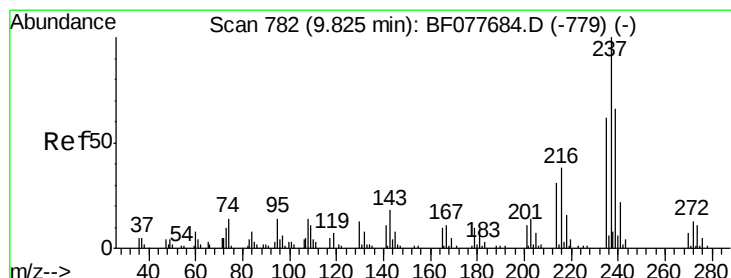
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:216	Resp:	97240
Ion Ratio	Lower	Upper
216	100	
214	81.0	0.0 0.0#
179	22.0	0.0 0.0#
108	19.9	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 85.07 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:237	Resp:	97009
Ion Ratio	Lower	Upper
237	100	
235	62.6	42.0 82.0
272	11.3	0.0 33.4

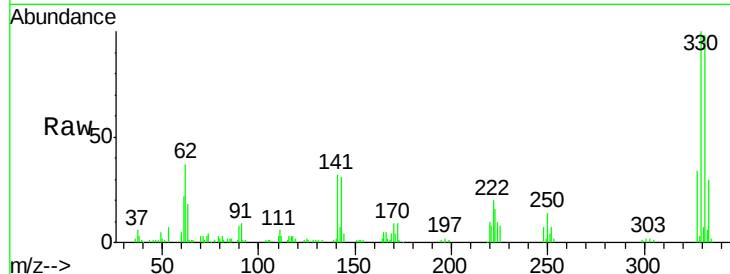




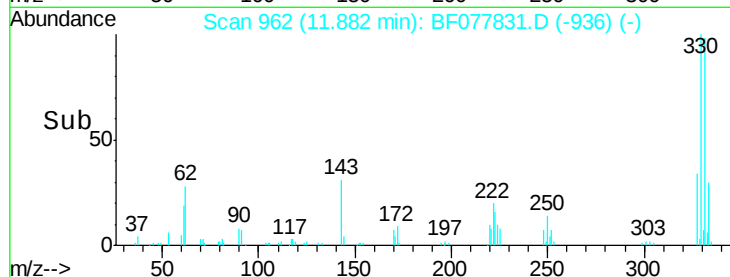
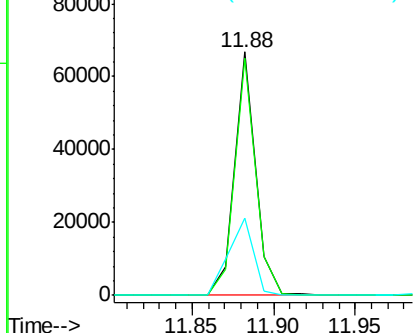
#41
 2,4,6-Tribromophenol
 Concen: 80.93 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:330 Resp: 58992
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 37.7 0.0 0.0#

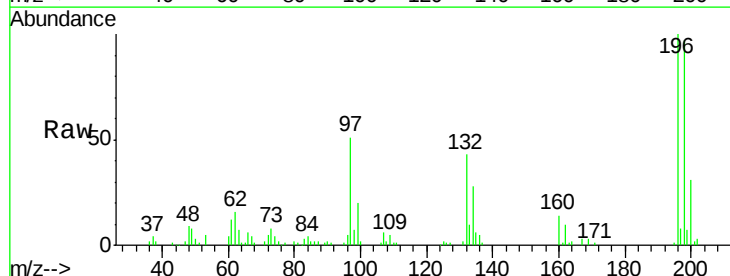


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

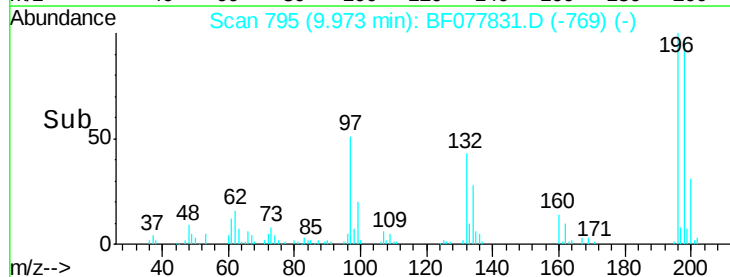
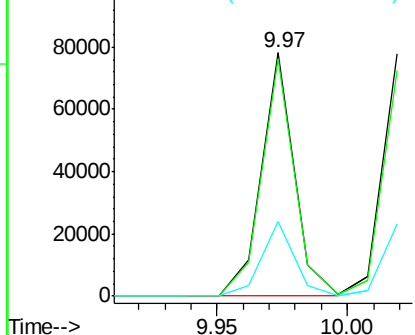


#42
 2,4,6-Trichlorophenol
 Concen: 43.83 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:196 Resp: 69000
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.3 114.5
 200 30.6 25.6 38.4



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

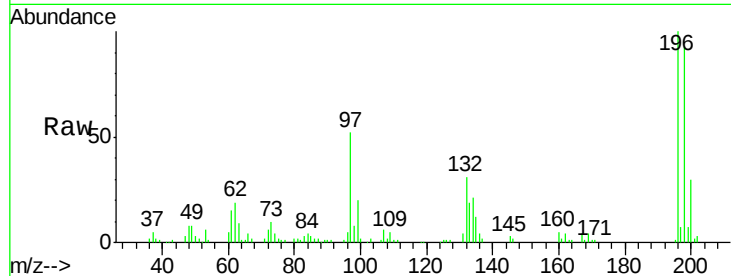




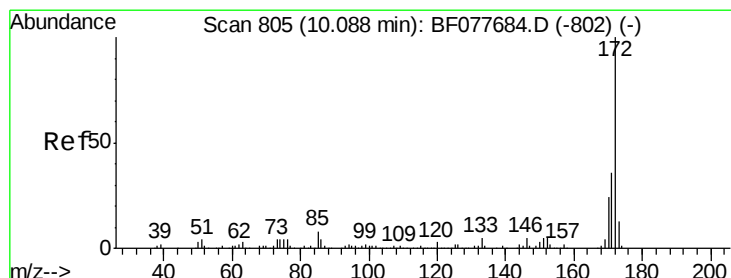
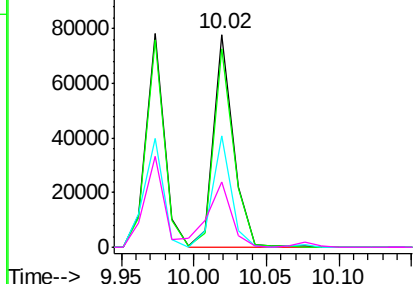
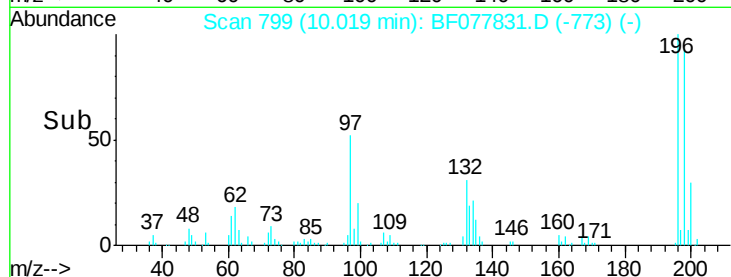
#43
 2,4,5-Trichlorophenol
 Concen: 43.62 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:196 Resp: 74186
 Ion Ratio Lower Upper
 196 100
 198 93.0 79.4 119.0
 97 52.1 26.8 40.2#
 132 30.8 18.6 28.0#

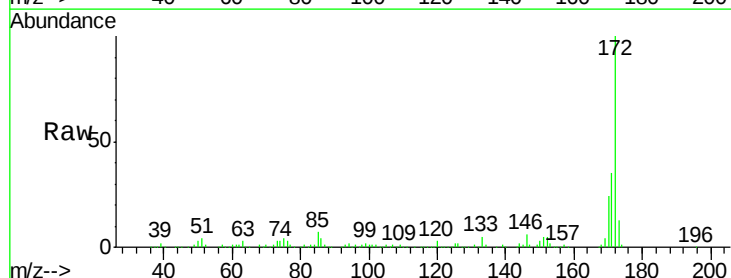


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

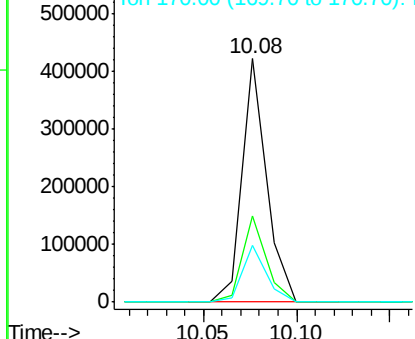
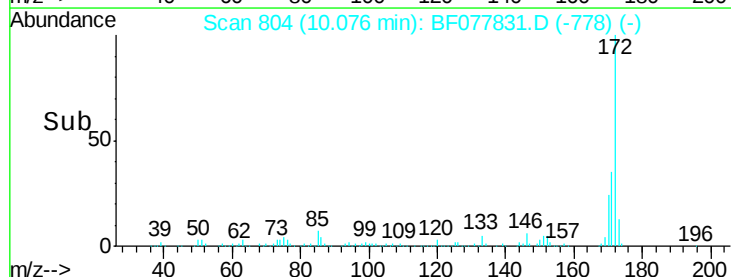


#44
 2-Fluorobiphenyl
 Concen: 74.18 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:172 Resp: 384559
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.6 18.8 28.2



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

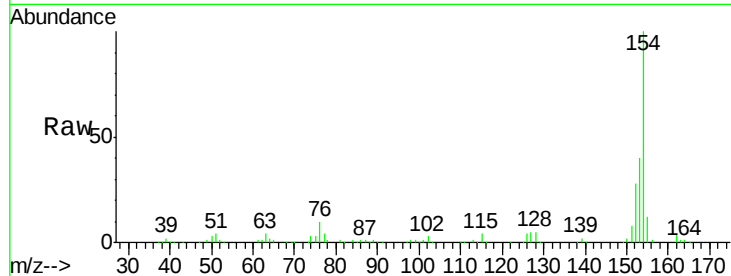




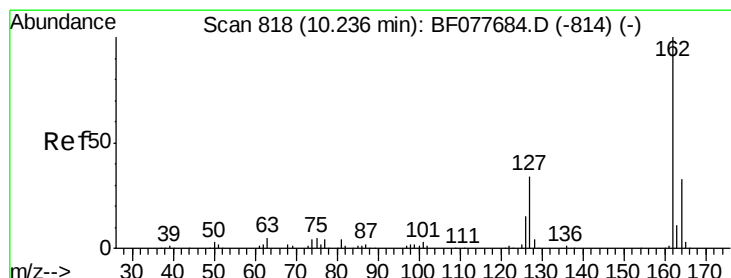
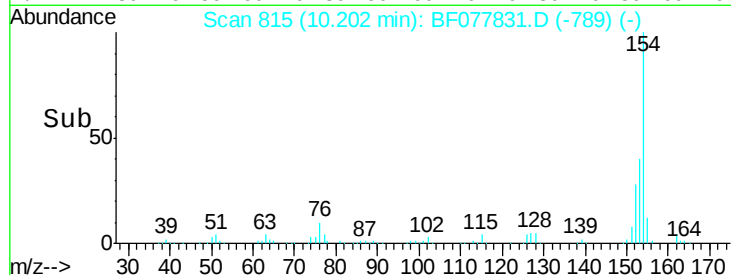
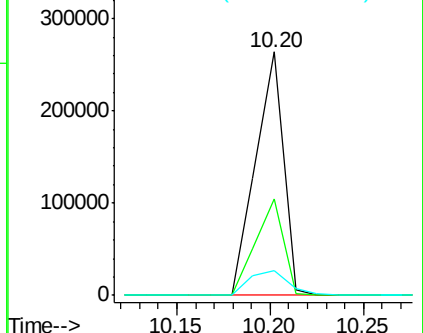
#45
1,1'-Biphenyl
Concen: 44.80 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:154 Resp: 272829
Ion Ratio Lower Upper
154 100
153 39.5 20.7 60.7
76 10.1 0.0 30.9

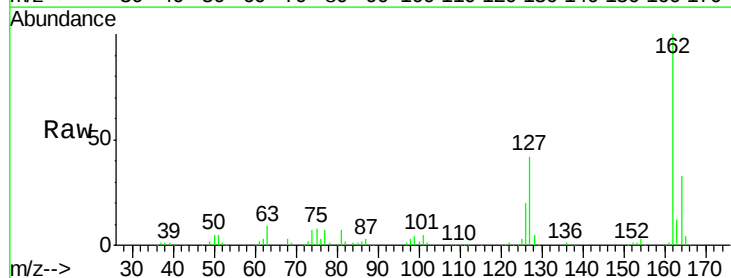


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

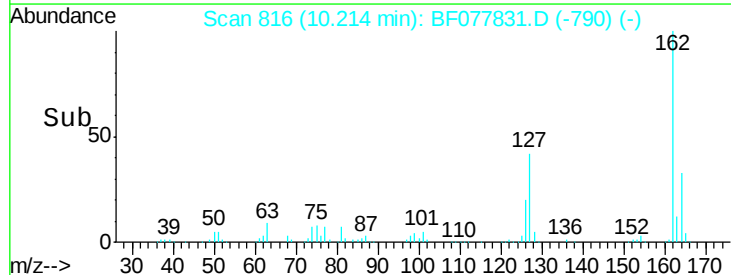
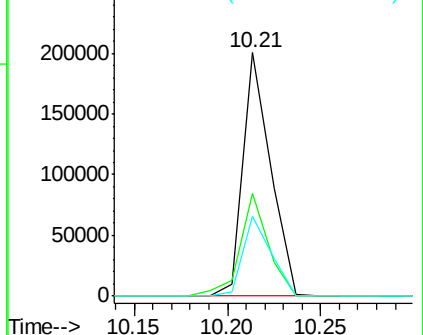


#46
2-Chloronaphthalene
Concen: 41.64 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:162 Resp: 206099
Ion Ratio Lower Upper
162 100
127 42.4 26.9 40.3#
164 32.9 26.8 40.2



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

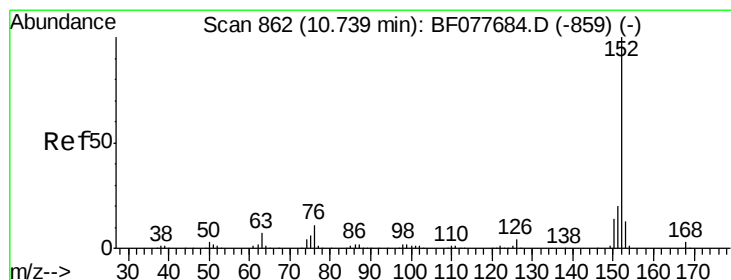
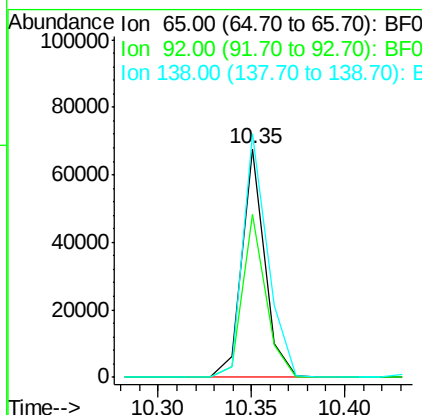
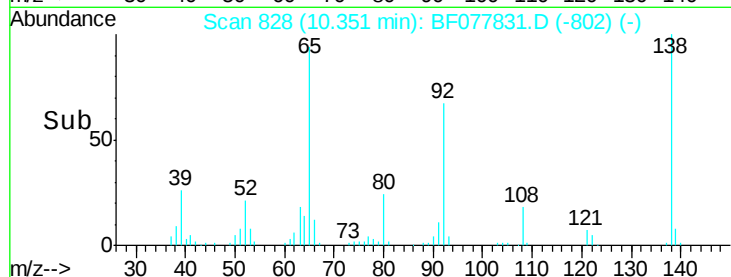
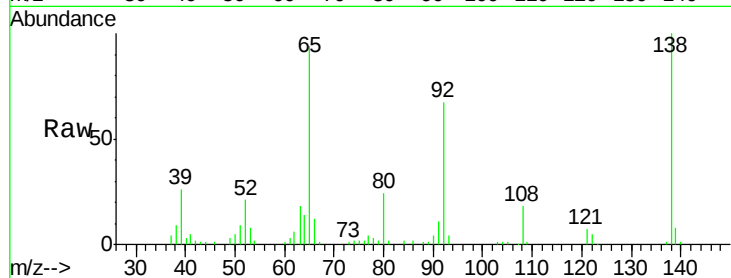




#47
 2-Nitroaniline
 Concen: 47.12 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

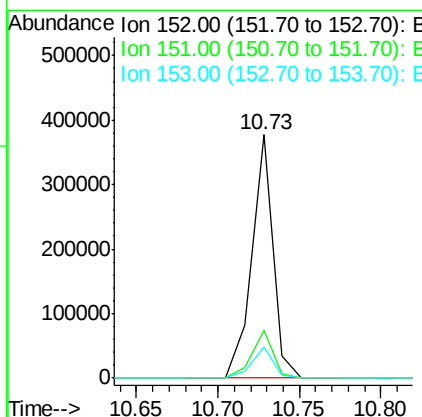
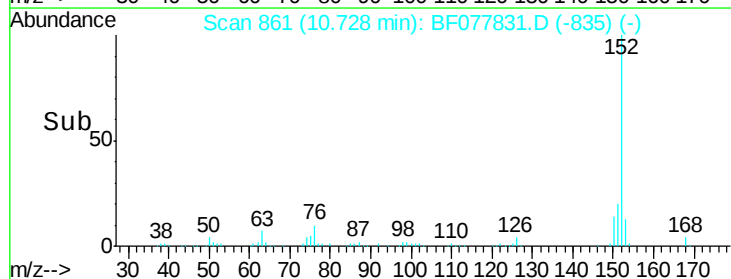
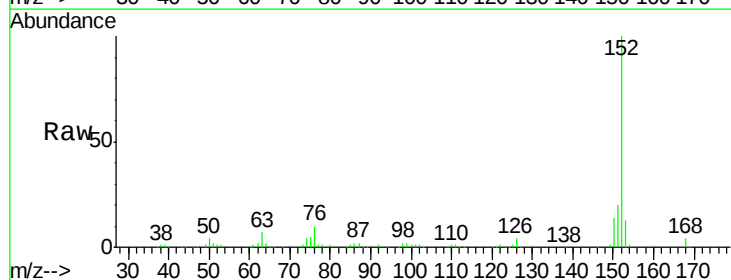
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

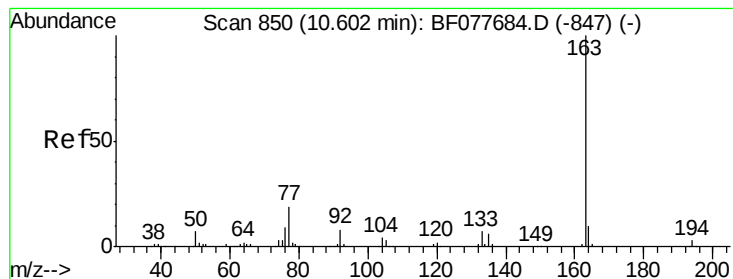
Tot Ion: 65 Resp: 57919
 Ion Ratio Lower Upper
 65 100
 92 71.0 59.1 88.7
 138 106.4 93.9 140.9



#48
 Acenaphthylene
 Concen: 41.15 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion: 152 Resp: 338688
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.9 23.9
 153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 44.57 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

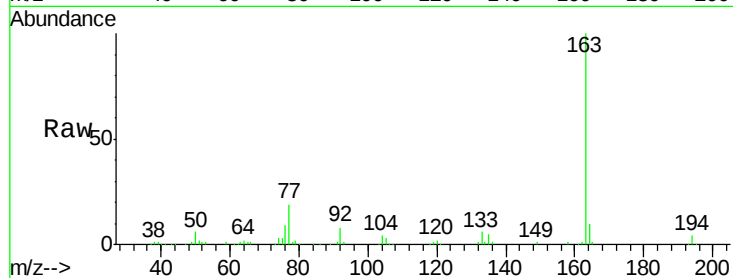
Tot Ion:163 Resp: 251887

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

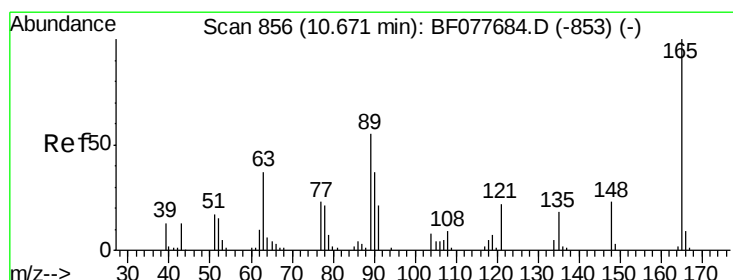
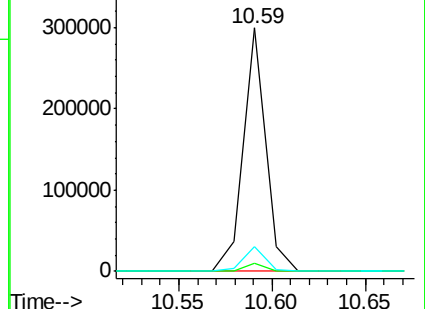
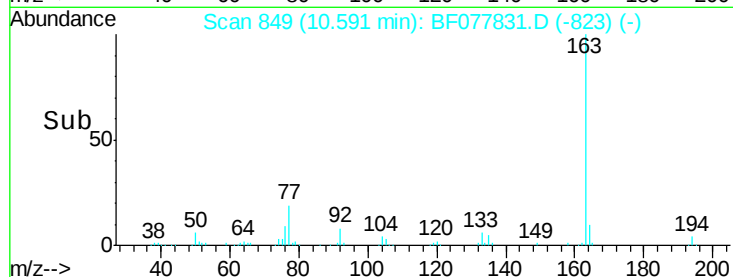
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.74 ng

RT: 10.66 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

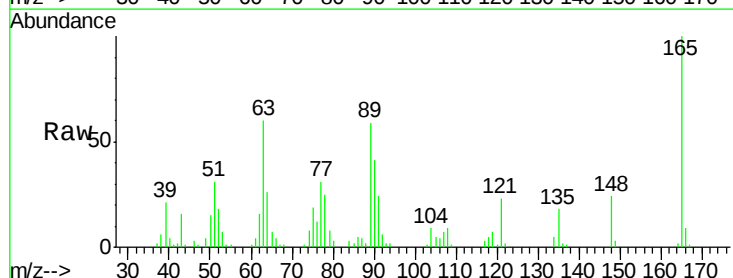
Tgt Ion:165 Resp: 52411

Ion Ratio Lower Upper

165 100

63 60.1 44.1 66.1

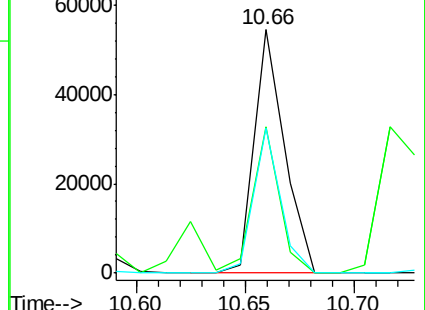
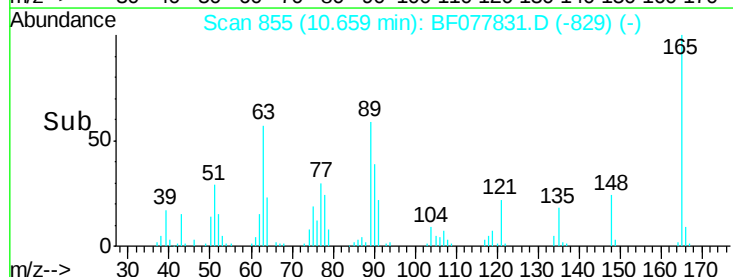
89 59.3 44.3 66.5

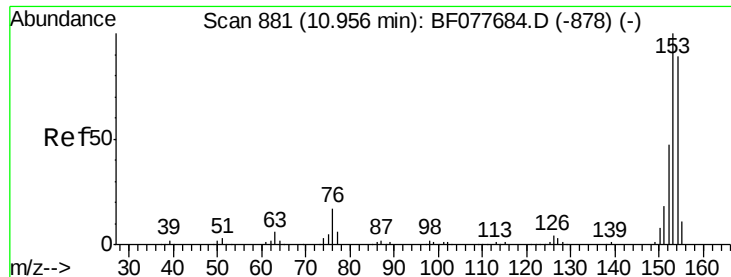


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.50 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

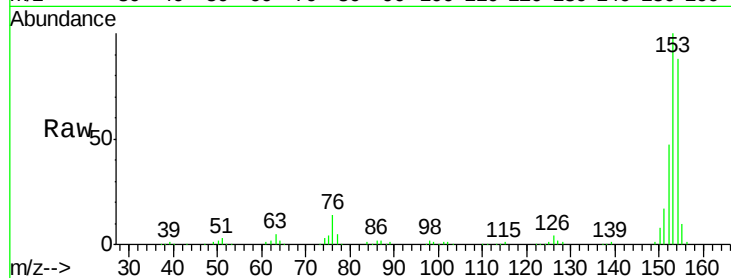
Tot Ion:154 Resp: 195820

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

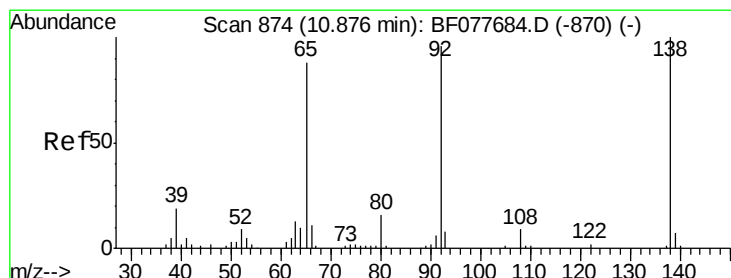
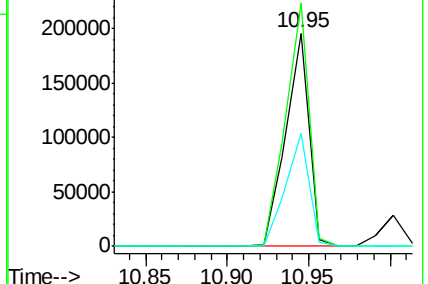
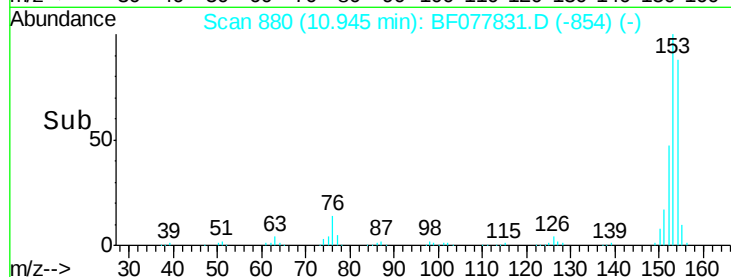
152 53.1 42.6 63.8



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: 32.95 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

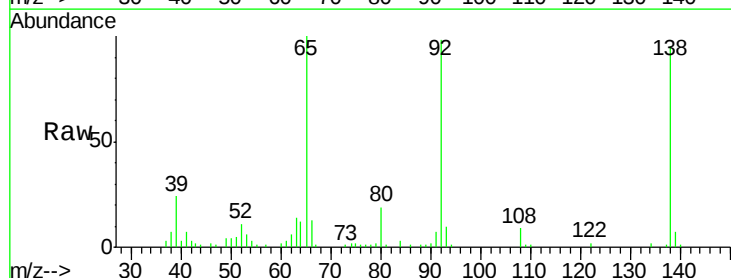
Tgt Ion:138 Resp: 44830

Ion Ratio Lower Upper

138 100

108 9.8 7.3 10.9

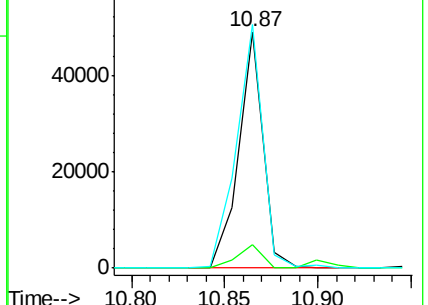
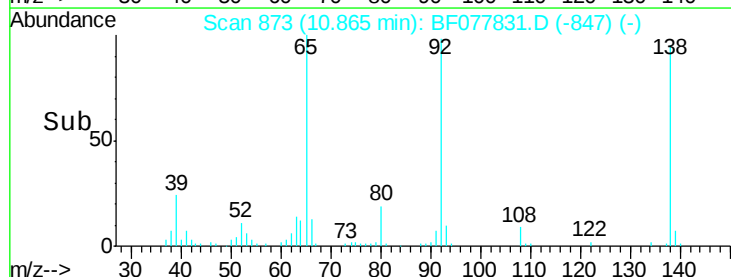
92 103.1 76.6 114.8

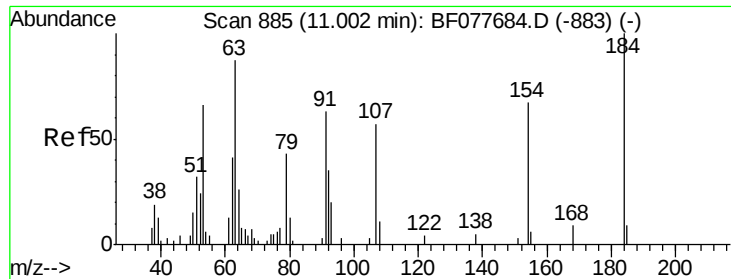


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

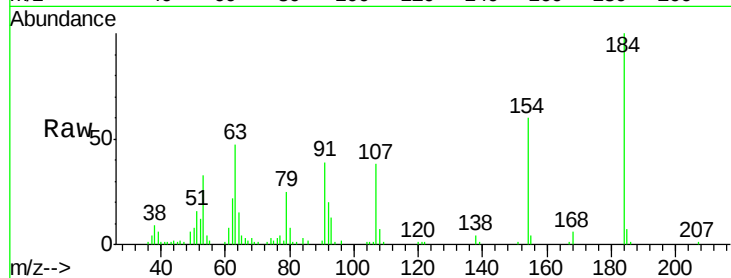




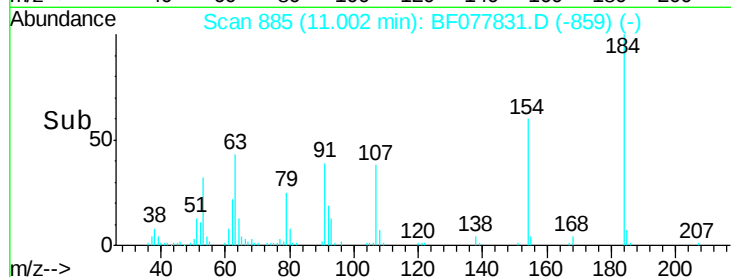
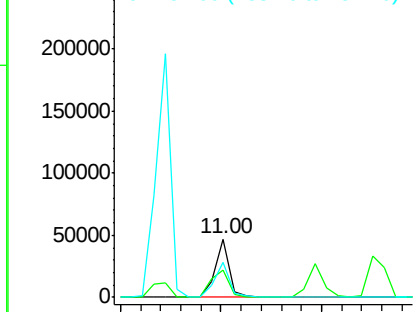
#53
2,4-Dinitrophenol
Concen: 107.21 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:184 Resp: 47446
Ion Ratio Lower Upper
184 100
63 46.6 69.2 103.8#
154 59.8 53.3 79.9

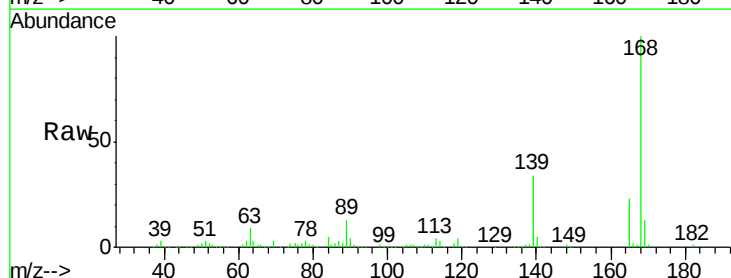


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

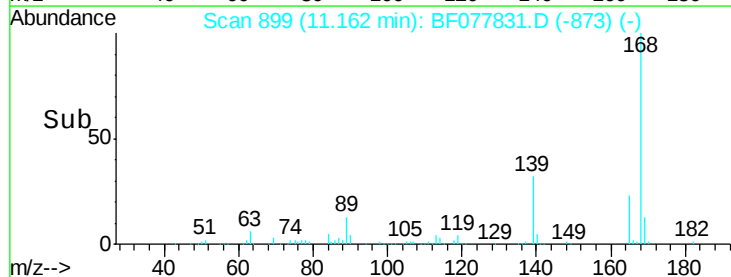
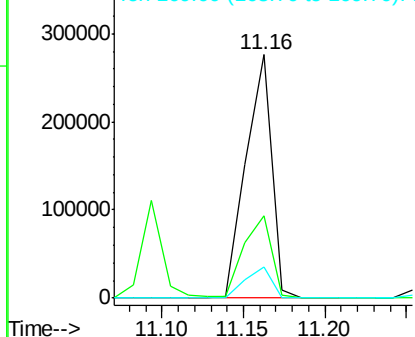


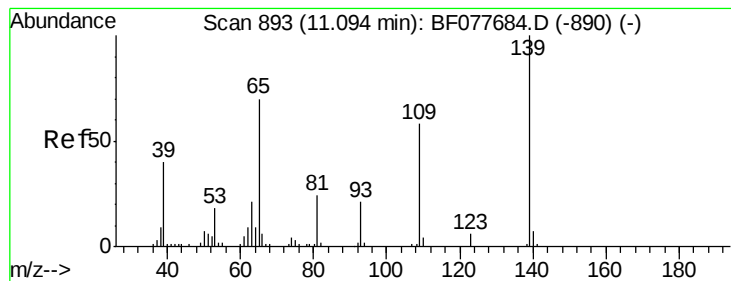
#54
Dibenzofuran
Concen: 43.10 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:168 Resp: 301704
Ion Ratio Lower Upper
168 100
139 33.8 27.3 40.9
169 12.6 10.6 16.0



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





#55

4-Nitrophenol

Concen: 97.94 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

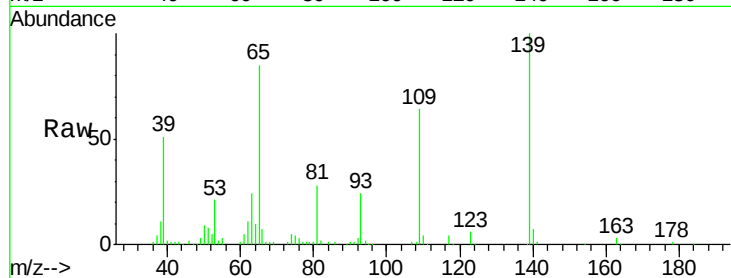
Tot Ion:139 Resp: 98691

Ion Ratio Lower Upper

139 100

109 64.0 37.7 77.7

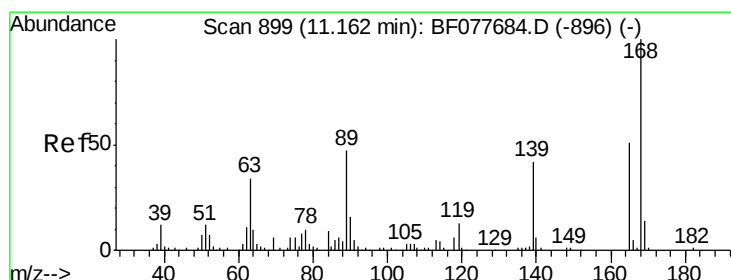
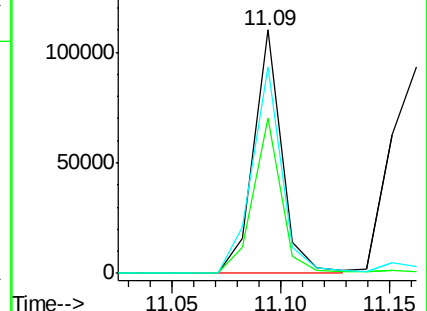
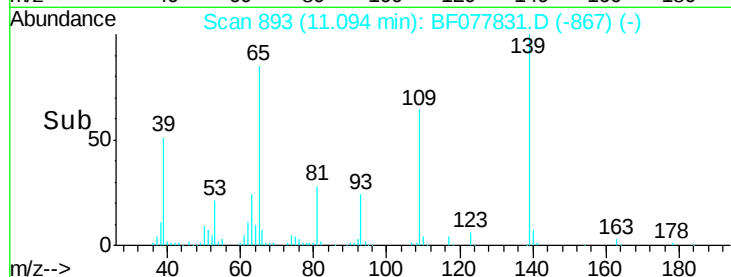
65 84.9 49.9 89.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 47.65 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Tgt Ion:165 Resp: 72778

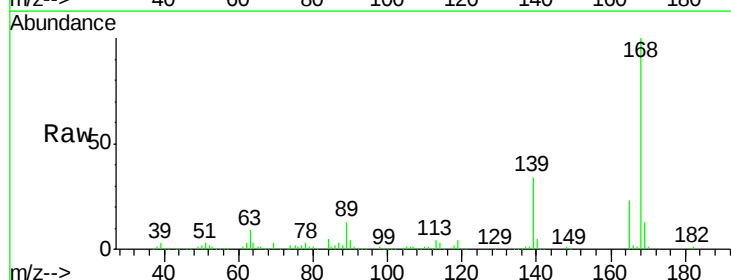
Ion Ratio Lower Upper

165 100

63 38.8 52.4 78.6#

89 58.7 72.4 108.6#

182 2.4 2.0 3.0

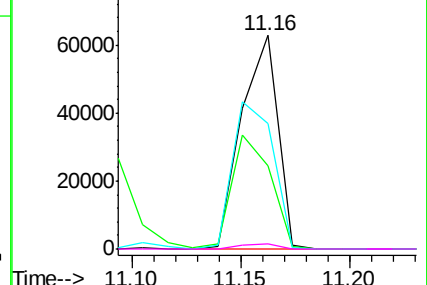
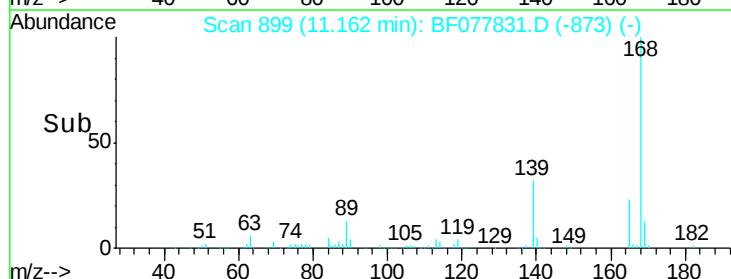


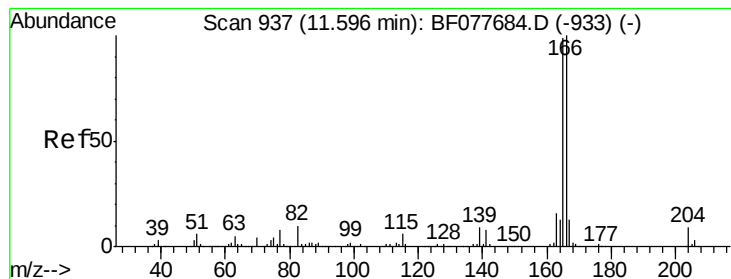
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.93 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

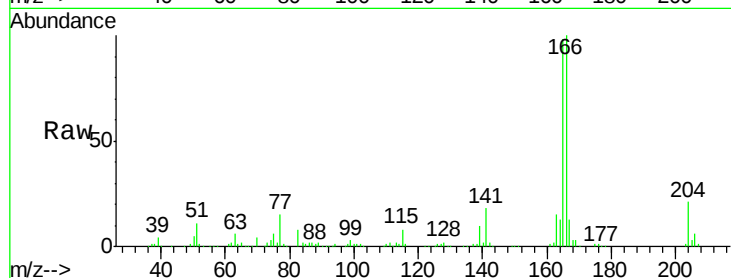
Tot Ion:166 Resp: 255327

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

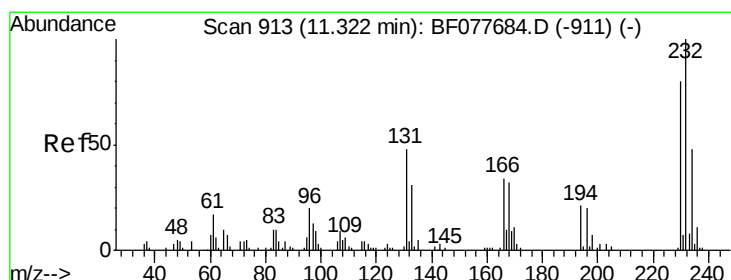
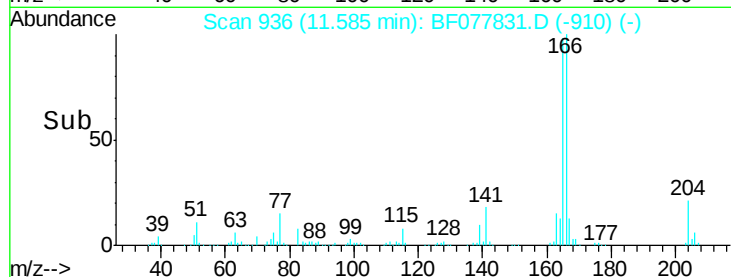
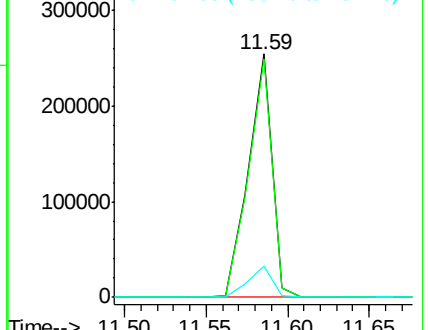
167 13.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.50 ng

RT: 11.31 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Tgt Ion:232 Resp: 59583

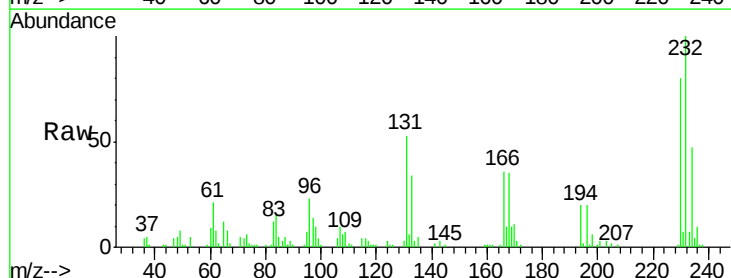
Ion Ratio Lower Upper

232 100

131 45.9 0.0 0.0#

130 2.2 0.0 0.0#

166 31.7 0.0 0.0#

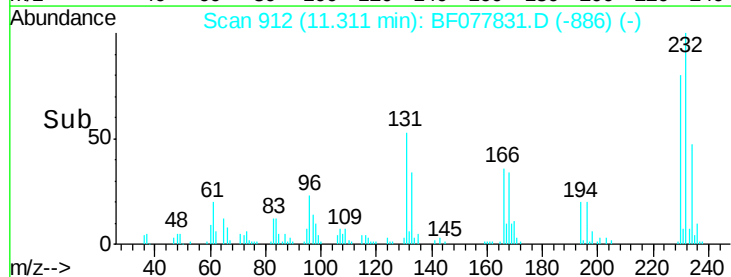
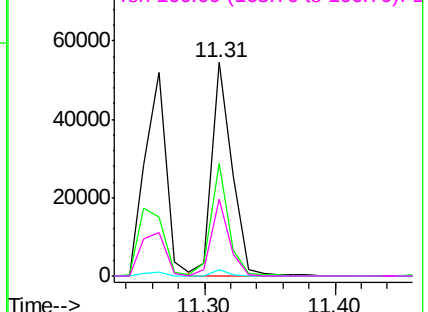


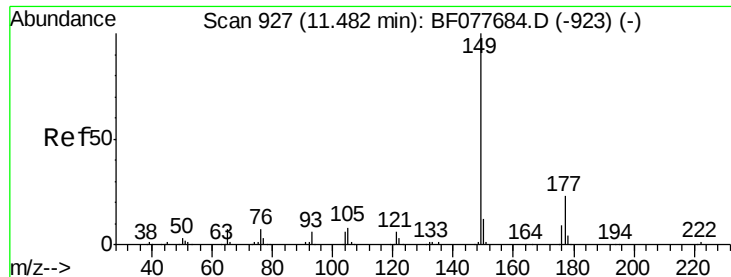
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

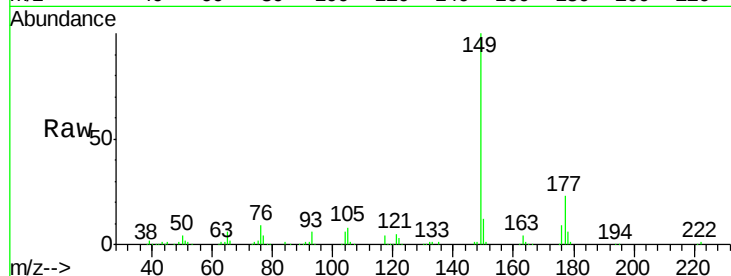




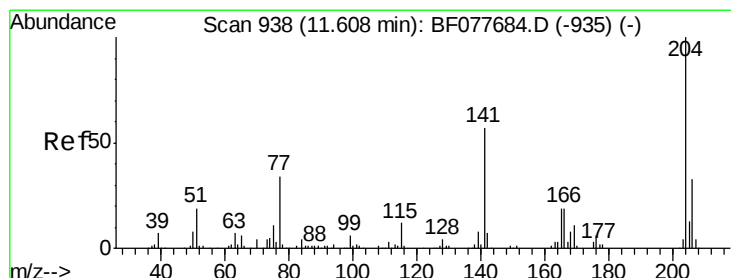
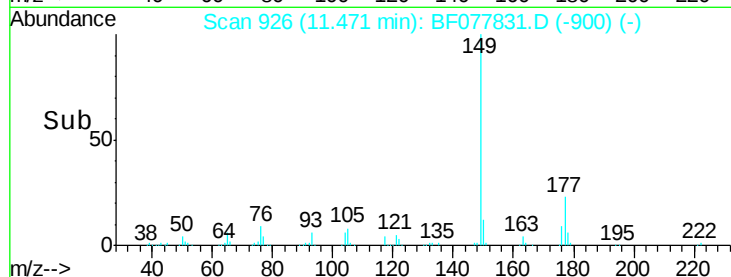
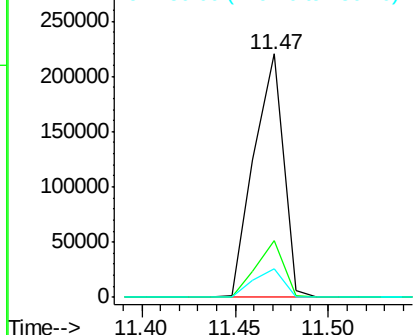
#59
Diethylphthalate
Concen: 43.96 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:149 Resp: 242059
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 11.7 9.8 14.8

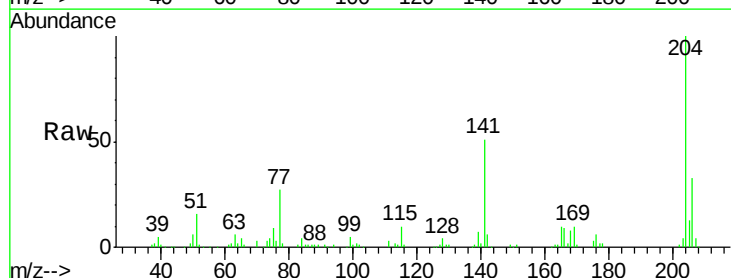


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

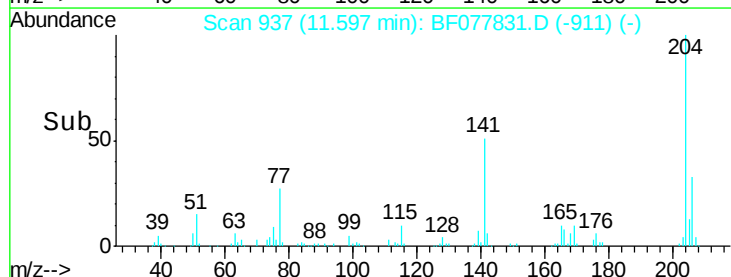
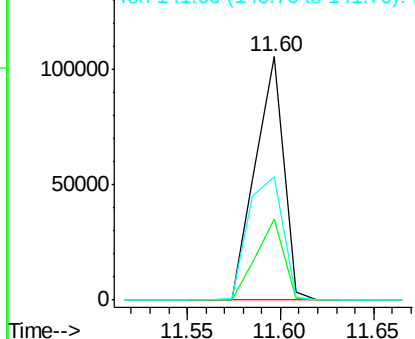


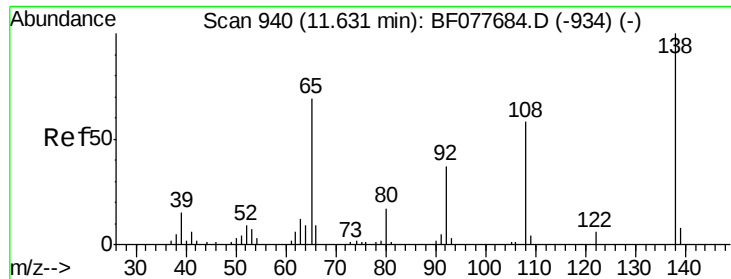
#60
4-Chlorophenyl-phenylether
Concen: 41.79 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:204 Resp: 110853
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 50.7 45.2 67.8



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

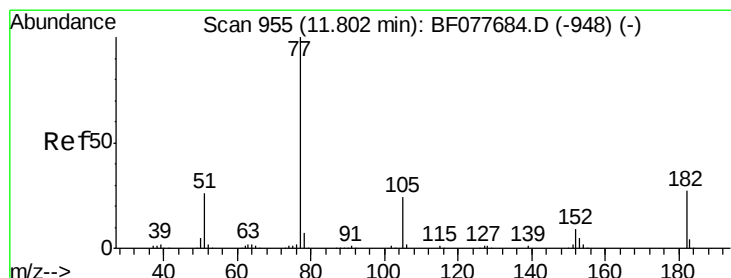
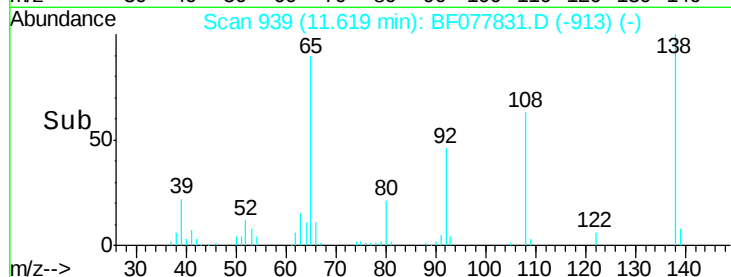
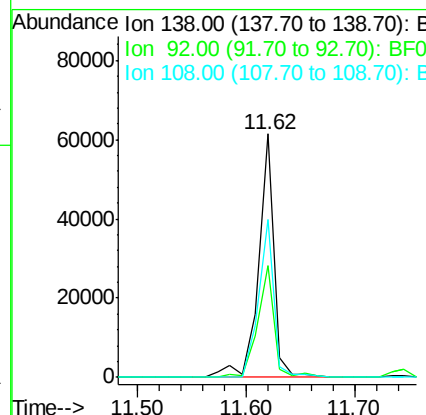
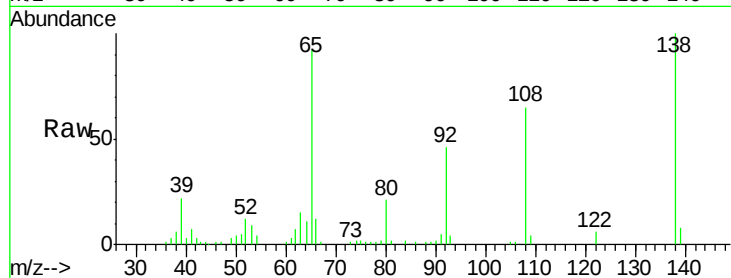




#61
4-Nitroaniline
Concen: 44.89 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

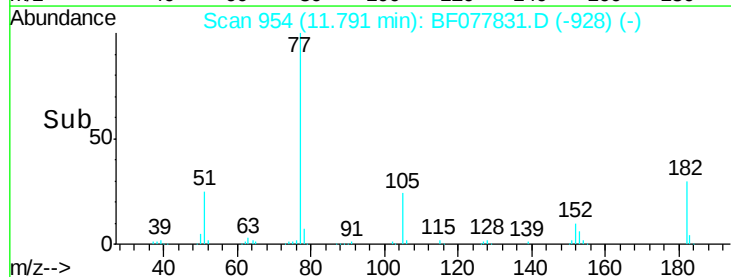
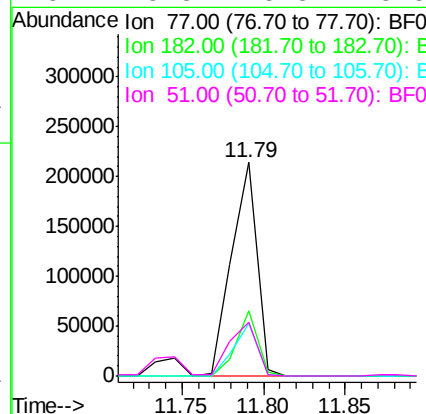
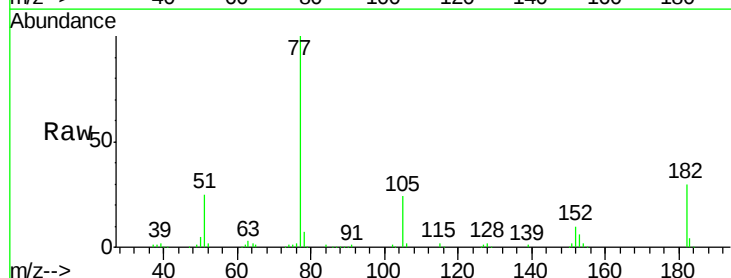
Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:138 Resp: 60855
Ion Ratio Lower Upper
138 100
92 45.8 16.7 56.7
108 64.6 37.6 77.6



#62
Azobenzene
Concen: 43.73 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion: 77 Resp: 230127
Ion Ratio Lower Upper
77 100
182 30.5 6.5 46.5
105 24.5 3.8 43.8
51 25.3 5.5 45.5

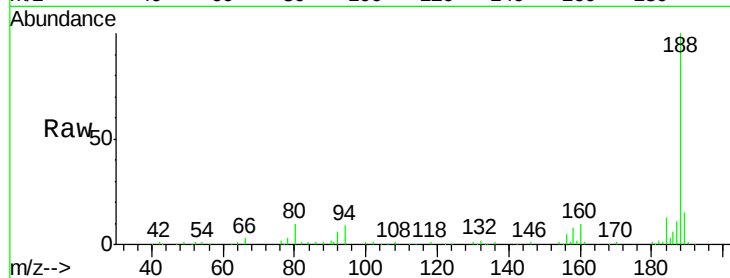




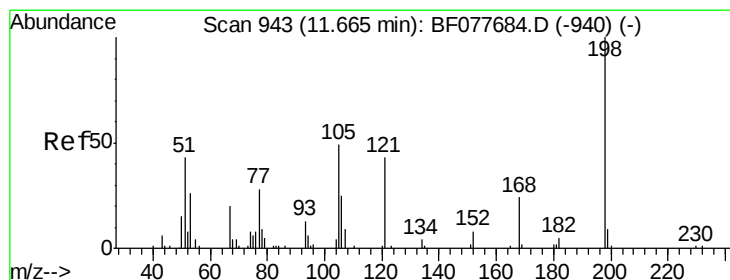
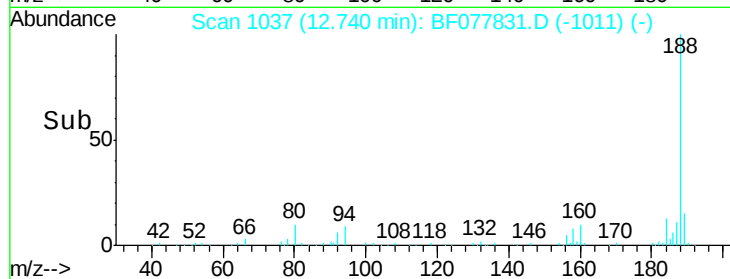
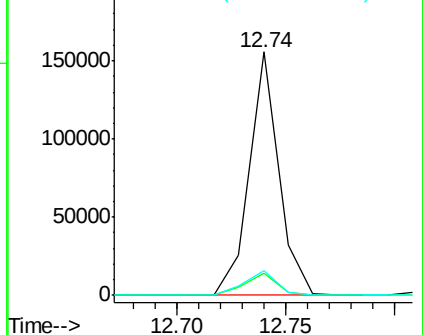
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:188 Resp: 147226
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 10.1 9.3 13.9

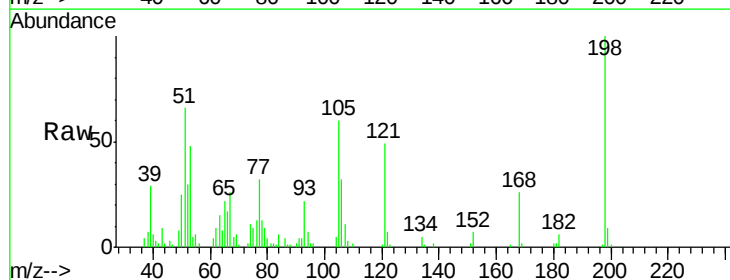


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

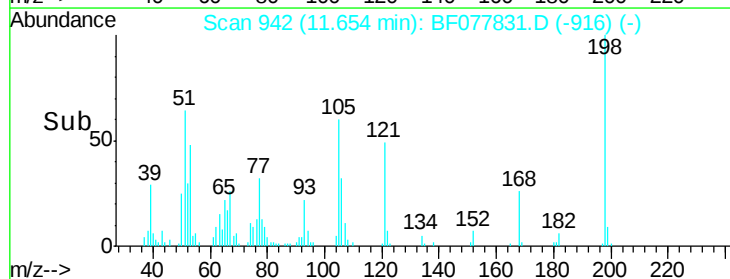
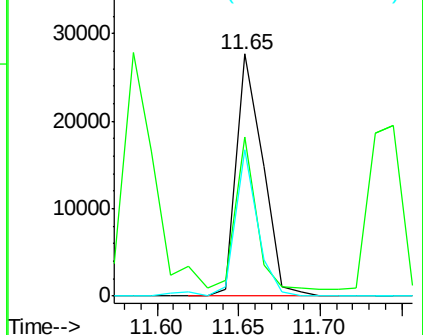


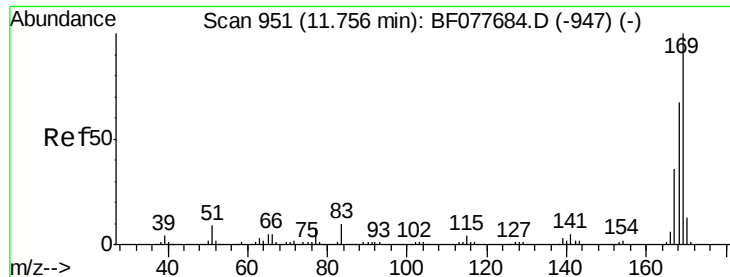
#64
4,6-Dinitro-2-methylphenol
Concen: 44.62 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:198 Resp: 30783
Ion Ratio Lower Upper
198 100
51 65.8 28.8 68.8
105 60.3 30.5 70.5



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

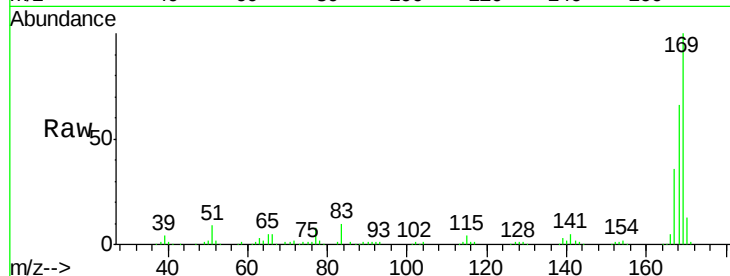




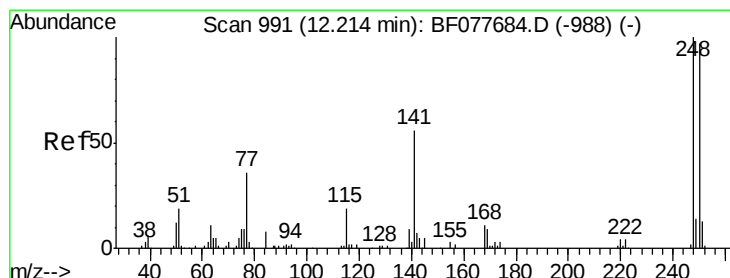
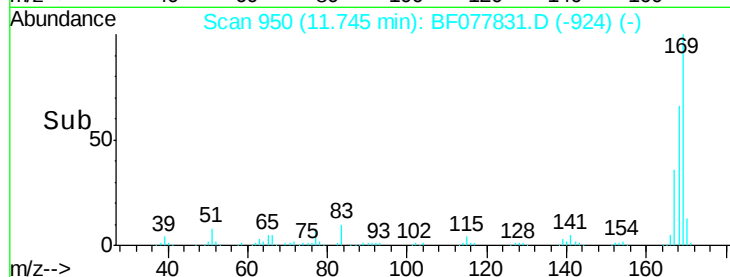
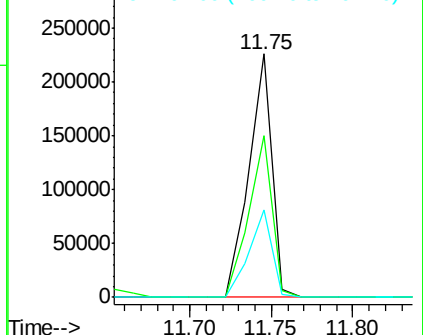
#65
 n-Nitrosodiphenylamine
 Concen: 45.16 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:169 Resp: 221406
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.9 80.9
 167 36.2 28.9 43.3

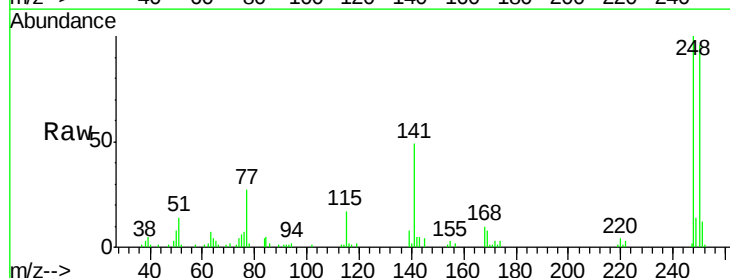


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

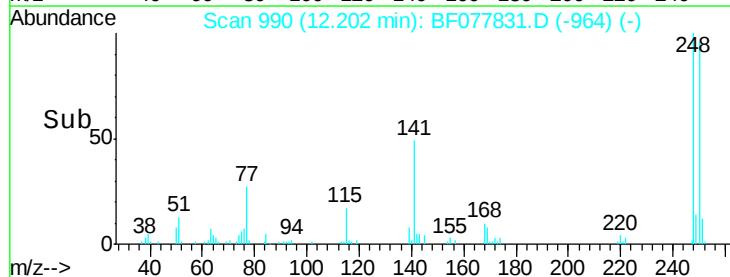
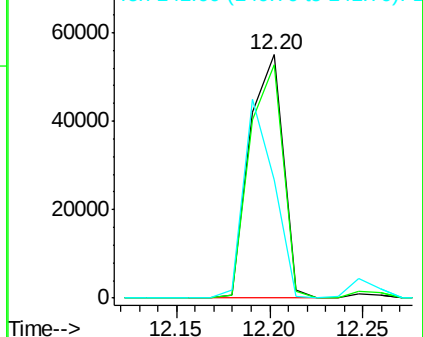


#66
 4-Bromophenyl-phenylether
 Concen: 43.34 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:248 Resp: 68102
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.4 116.0
 141 48.7 45.2 67.8



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

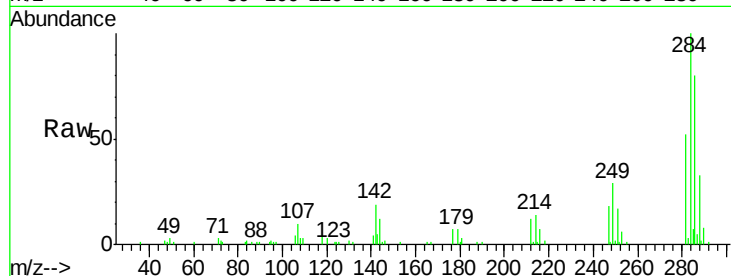




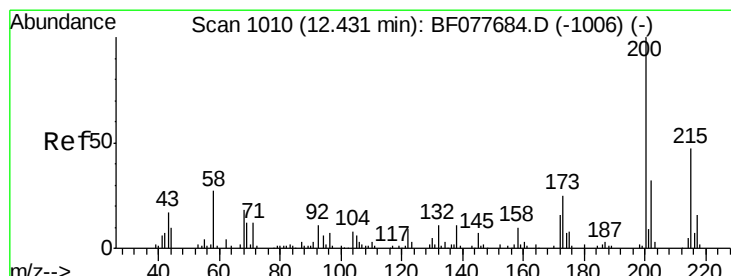
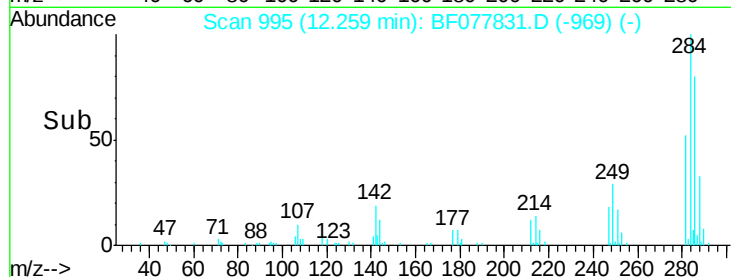
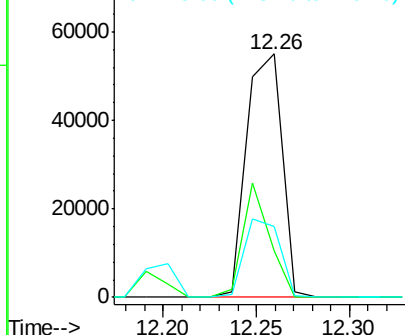
#67
Hexachlorobenzene
Concen: 42.71 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB82103BS

Tot Ion:284 Resp: 73741
Ion Ratio Lower Upper
284 100
142 19.0 20.4 30.6#
249 28.9 23.8 35.6

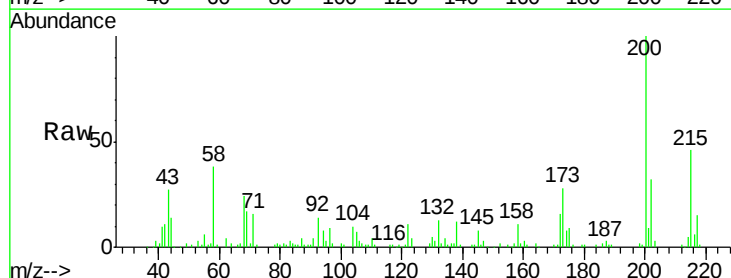


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

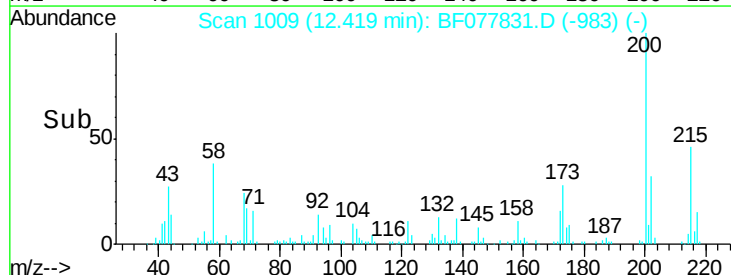
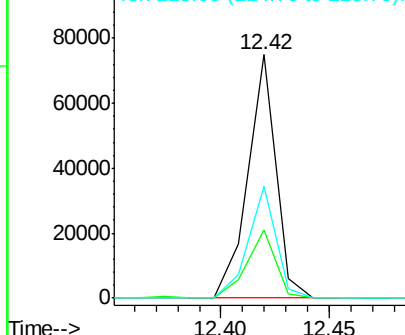


#68
Atrazine
Concen: 48.72 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:200 Resp: 66939
Ion Ratio Lower Upper
200 100
173 27.9 4.8 44.8
215 46.1 26.9 66.9



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

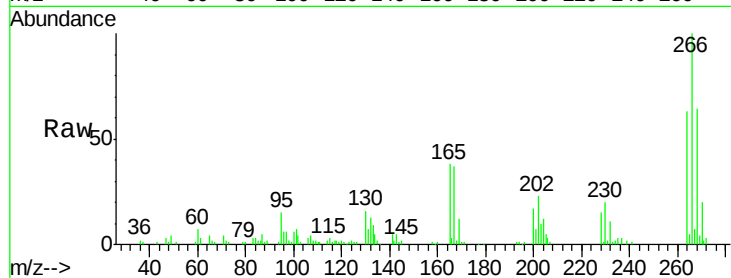




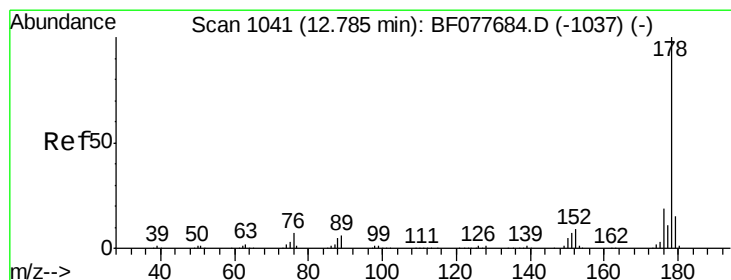
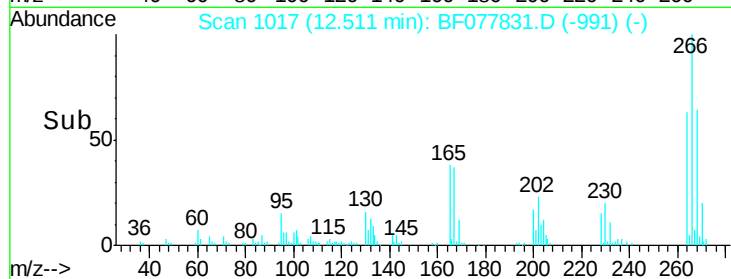
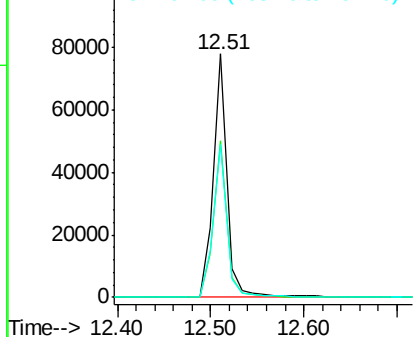
#69
 Pentachlorophenol
 Concen: 87.31 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:266 Resp: 79214
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.0 78.0
 264 62.9 49.0 73.4

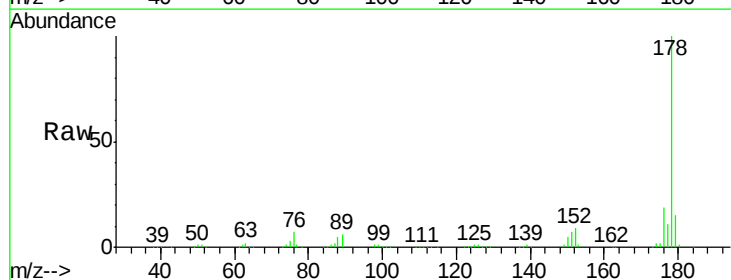


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

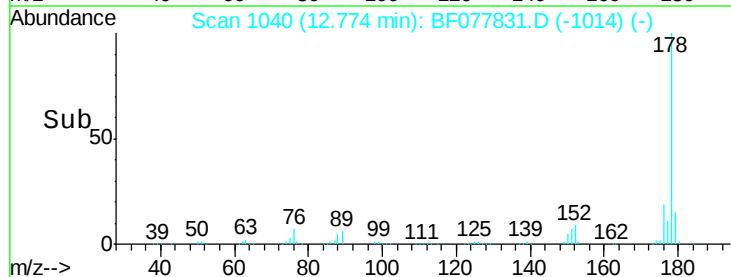
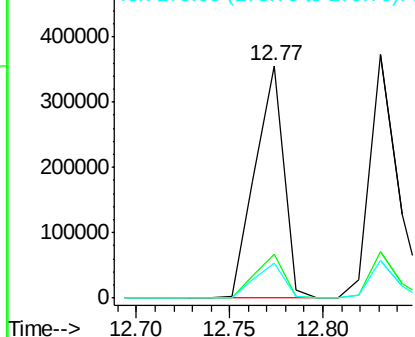


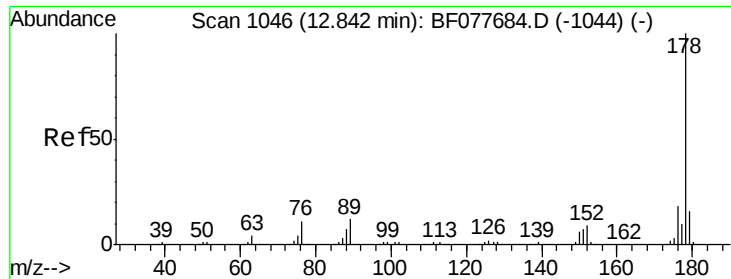
#70
 Phenanthrene
 Concen: 44.84 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:178 Resp: 379006
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.0 12.1 18.1



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

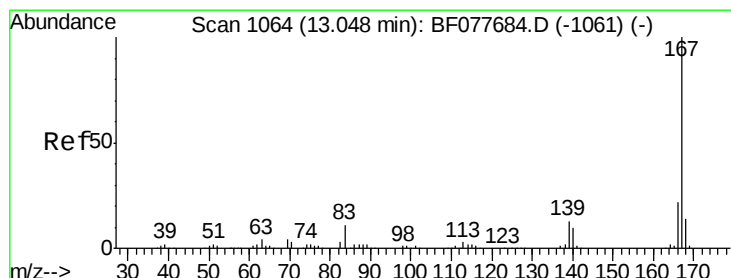
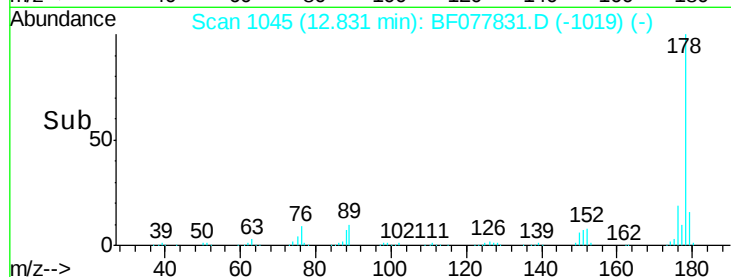
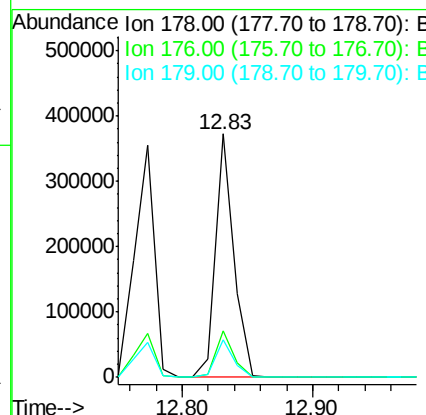
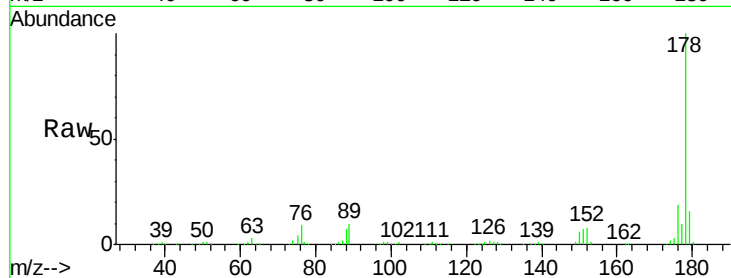




#71
 Anthracene
 Concen: 43.82 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

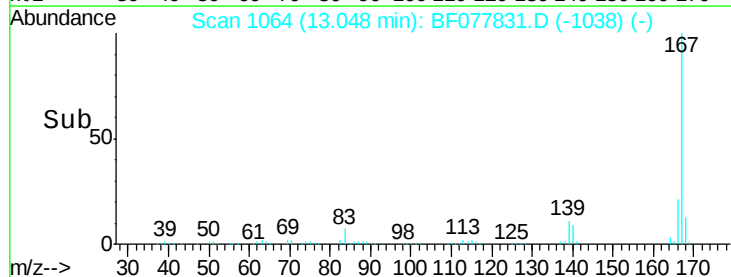
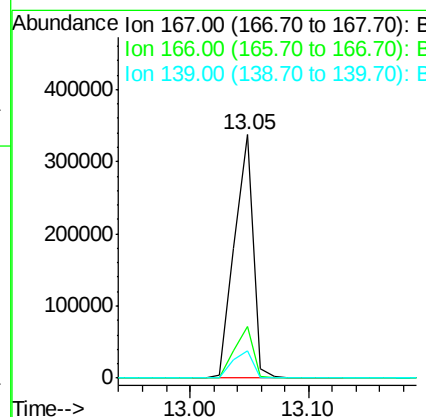
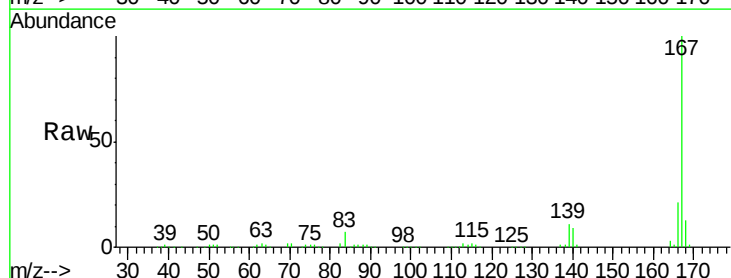
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:178 Resp: 365939
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.6 22.0
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 46.51 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:167 Resp: 369408
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 11.1 10.8 16.2

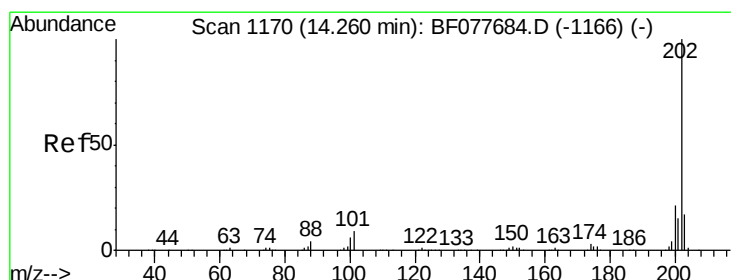
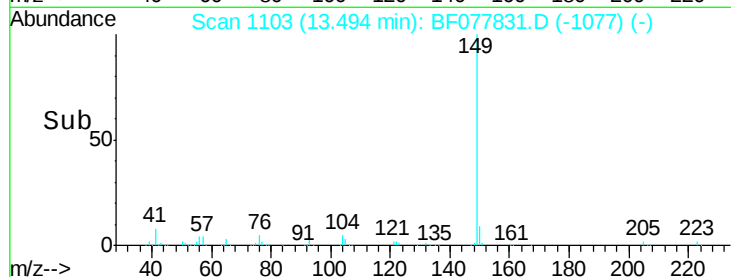
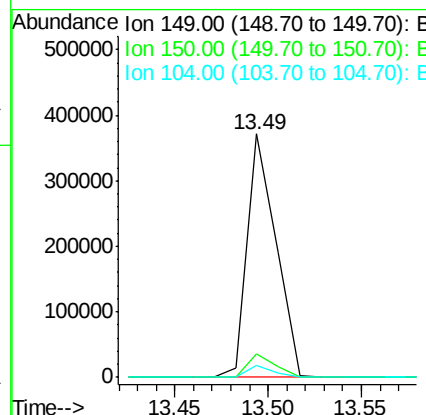
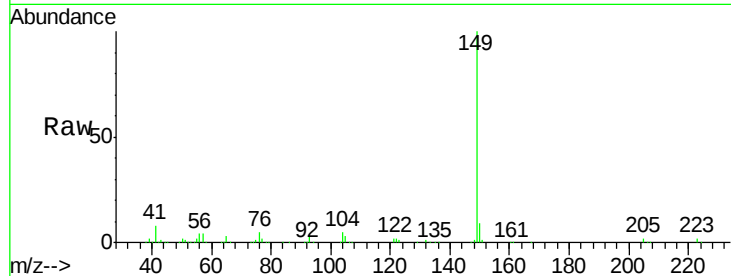




#73
Di-n-butylphthalate
Concen: 44.48 ng
RT: 13.49 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

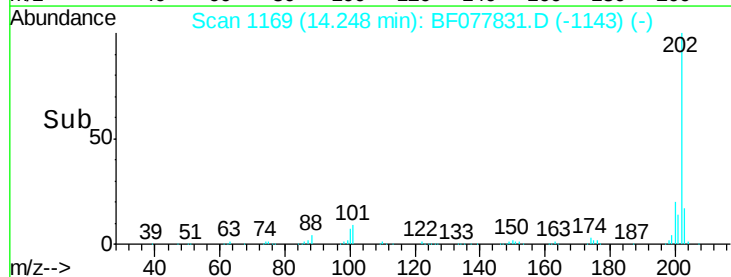
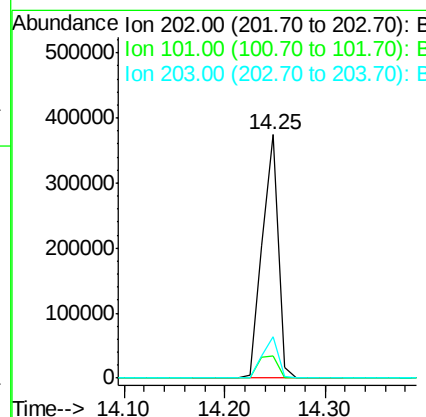
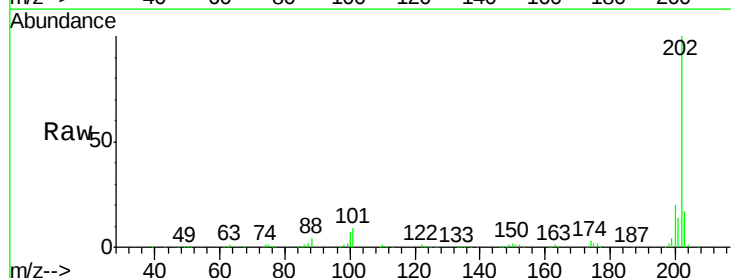
Instrument :
BNA_F
ClientSampleId :
PB82103BS

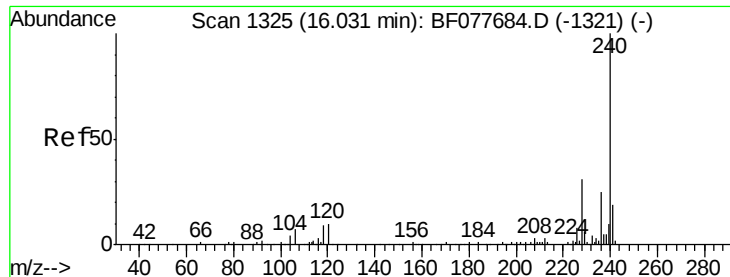
Tot Ion:149 Resp: 396164
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 4.9 3.7 5.5



#74
Fluoranthene
Concen: 44.36 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:202 Resp: 413526
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.7
203 17.2 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

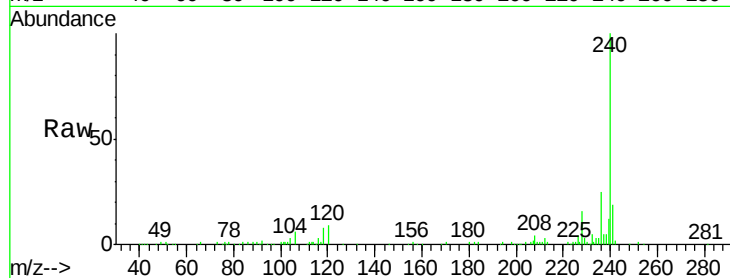
Tot Ion:240 Resp: 157493

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

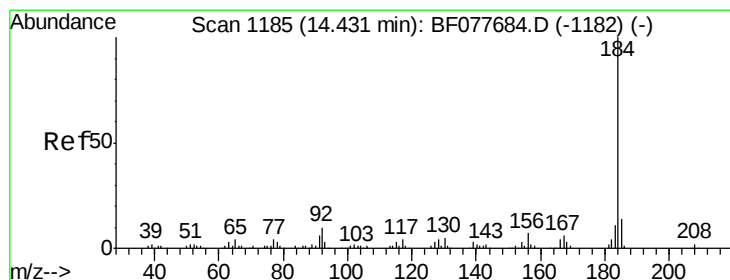
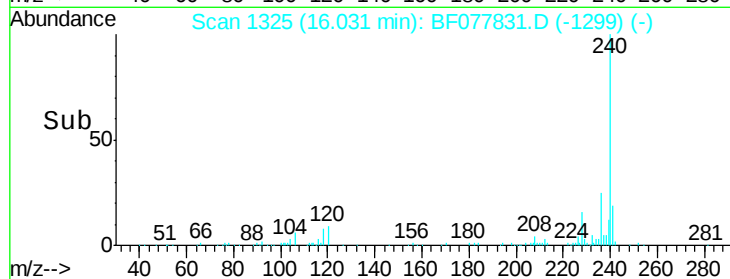
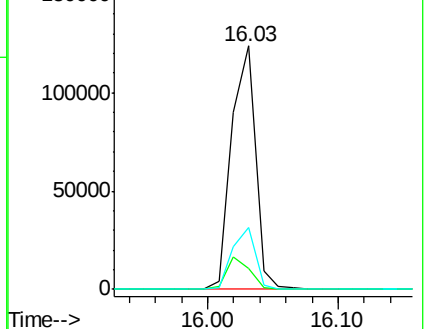
236 25.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.73 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

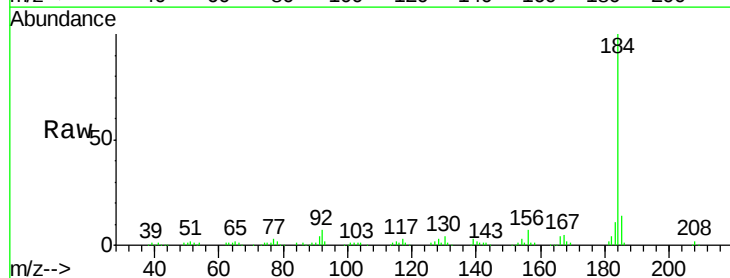
Tgt Ion:184 Resp: 154795

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

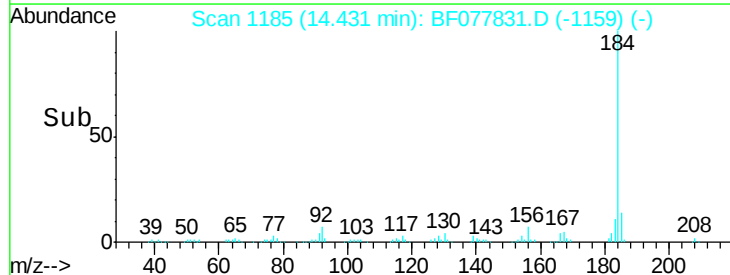
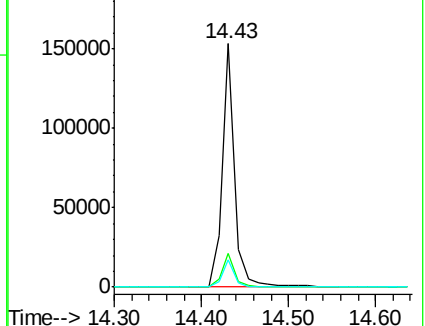
183 11.2 8.9 13.3

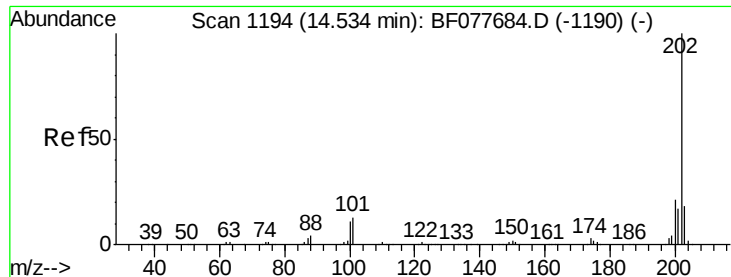


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

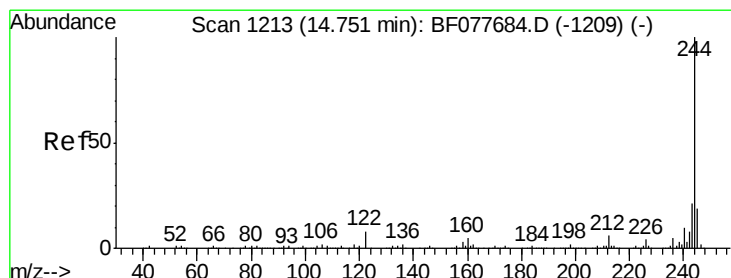
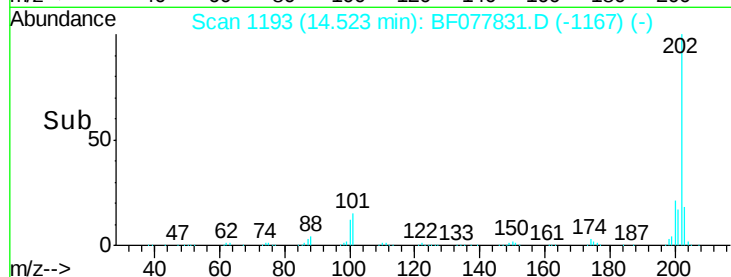
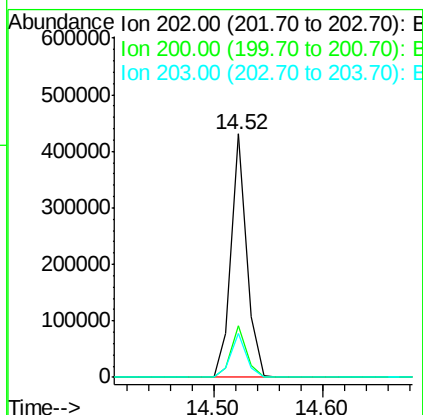
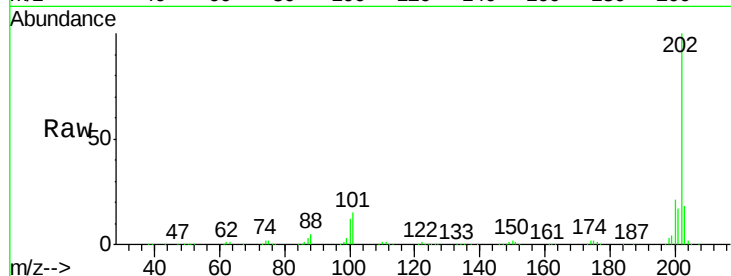




#77
Pvrene
Concen: 43.07 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

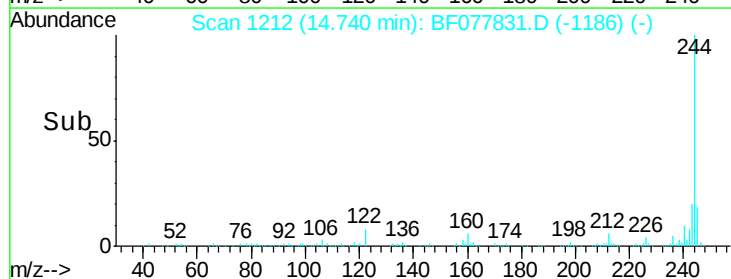
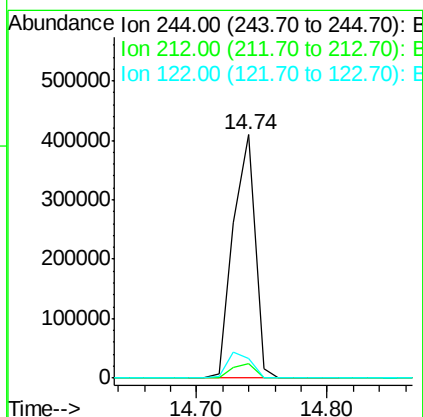
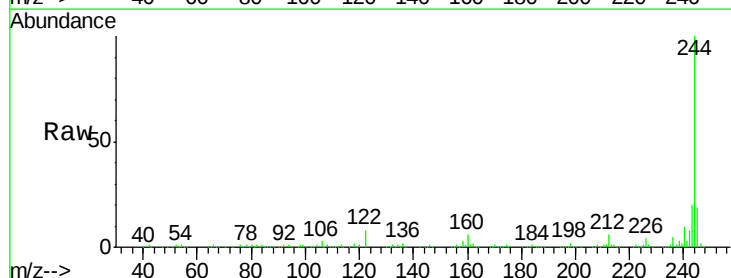
Instrument :
BNA_F
ClientSampleId :
PB82103BS

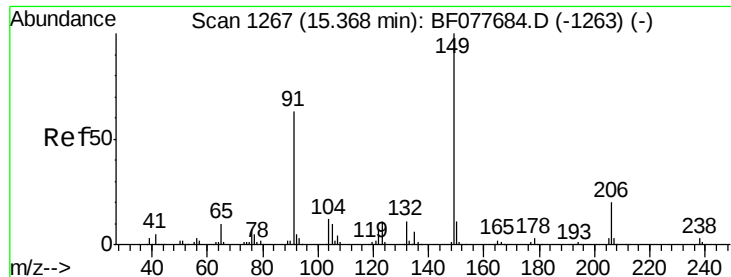
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.0	14.1	21.1



#78
Terphenyl-d14
Concen: 74.03 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.9	7.3
122	8.3	6.2	9.4

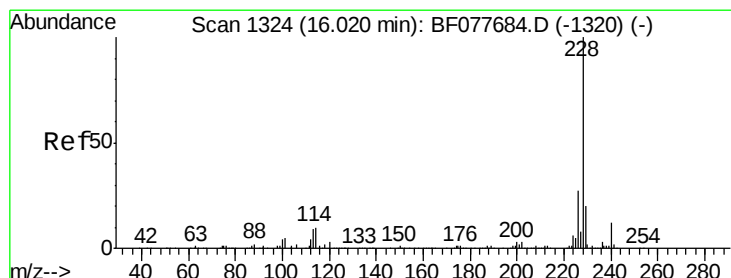
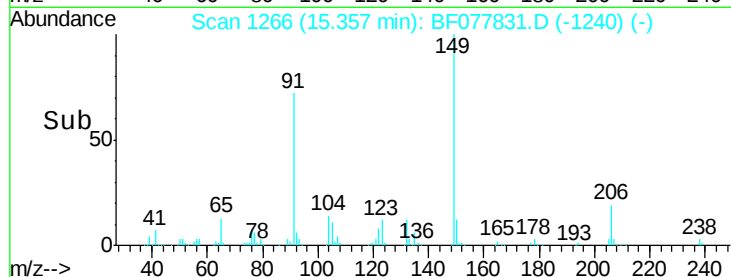
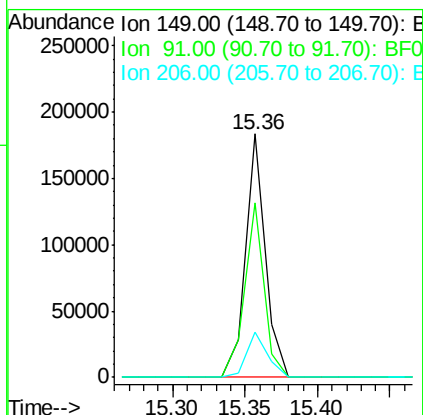
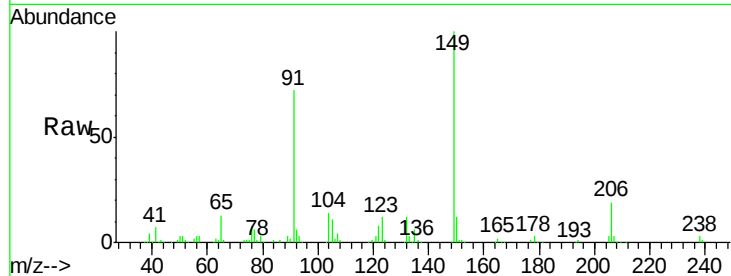




#79
Butylbenzylphthalate
Concen: 44.36 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

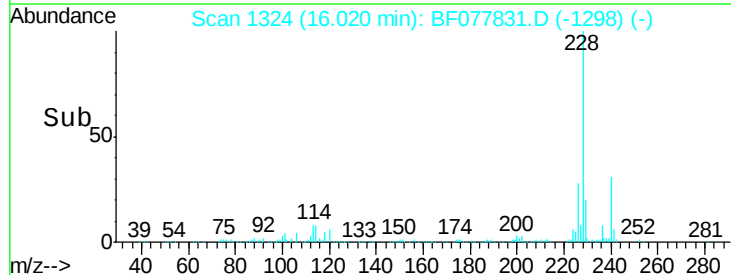
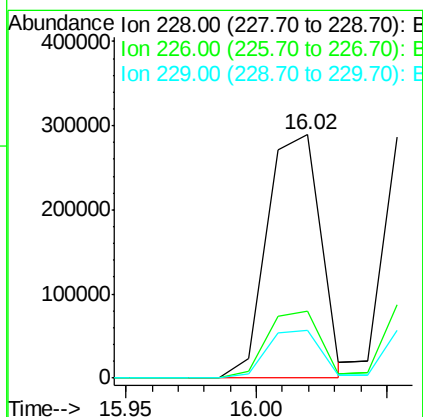
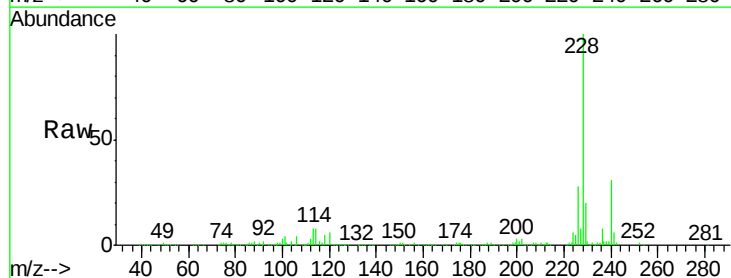
Instrument :
BNA_F
ClientSampleId :
PB82103BS

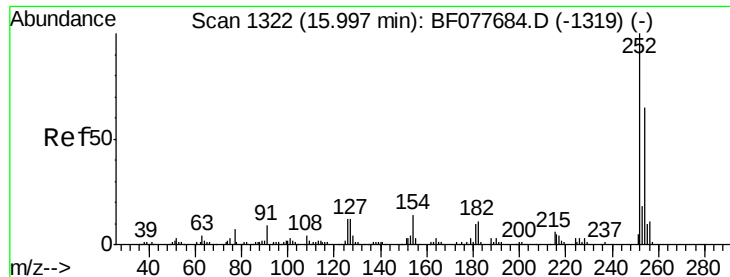
Tot Ion:149 Resp: 173201
Ion Ratio Lower Upper
149 100
91 71.7 50.1 75.1
206 18.7 16.2 24.2



#80
Benzo(a)anthracene
Concen: 44.34 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:228 Resp: 413916
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.8 16.0 24.0

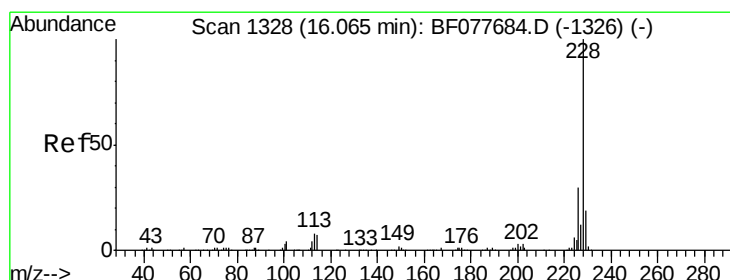
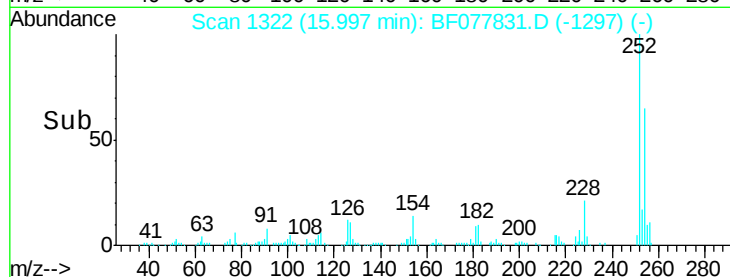
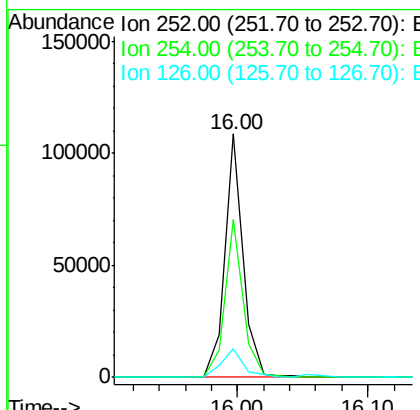
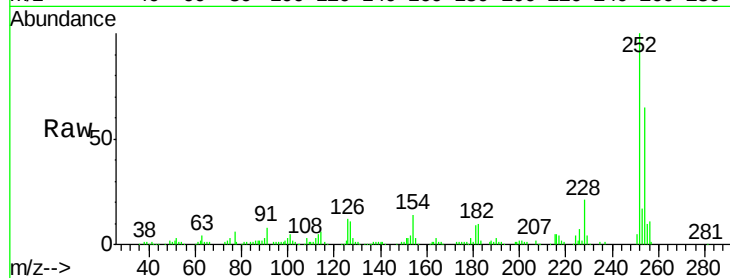




#81
 3,3'-Dichlorobenzidine
 Concen: 34.42 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

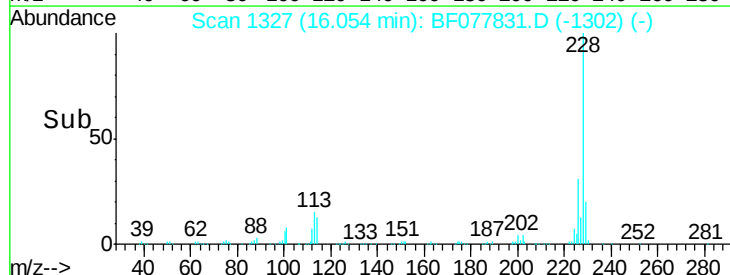
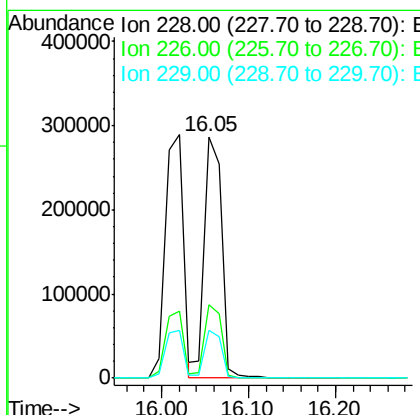
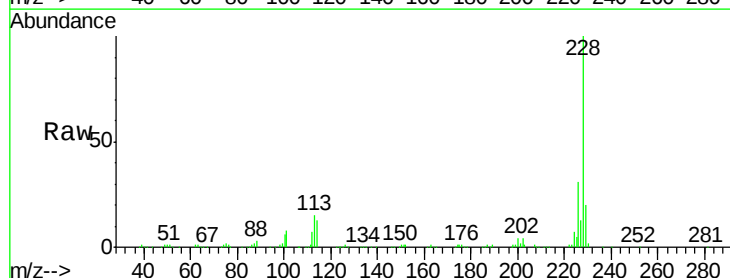
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	11.8	9.8	14.8



#82
 Chrysene
 Concen: 47.57 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.0	15.5	23.3

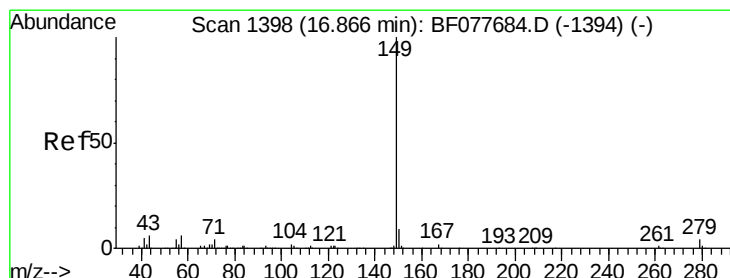
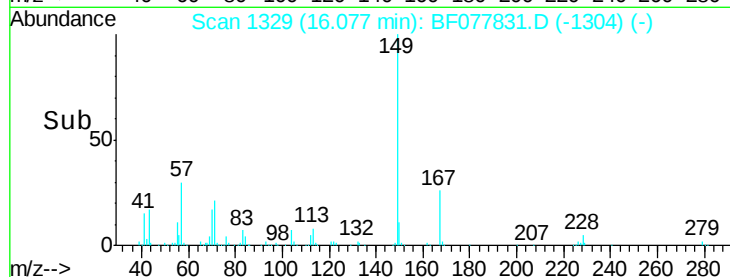
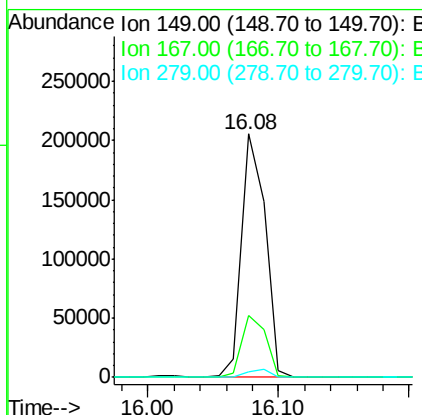
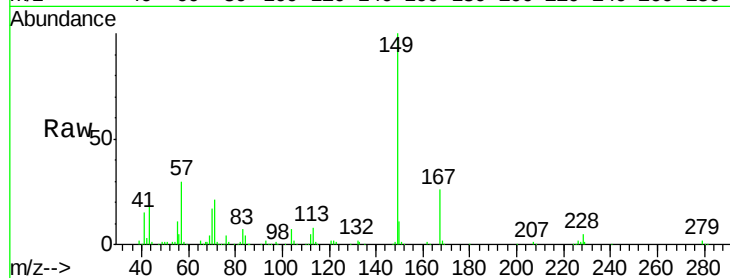




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.88 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

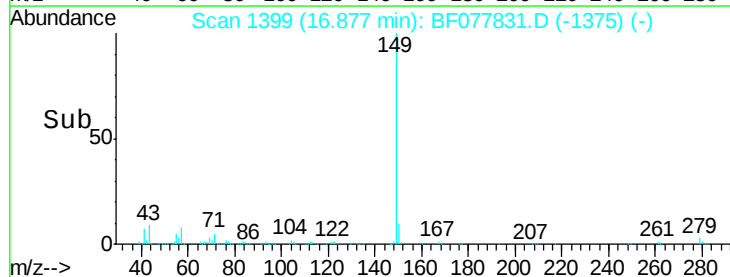
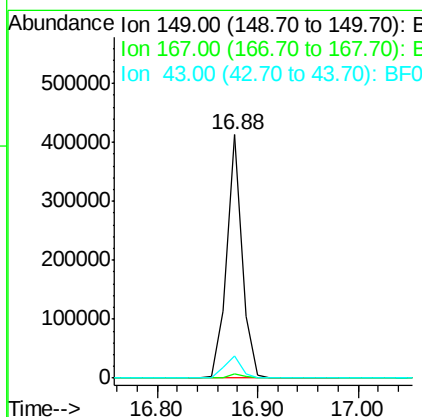
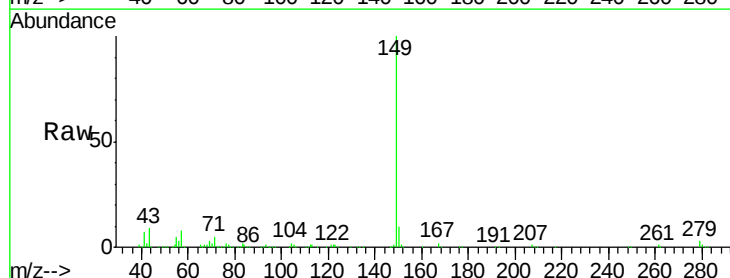
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

Tot Ion:149 Resp: 259557
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.4 33.6
 279 2.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 43.63 ng
 RT: 16.88 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:149 Resp: 441223
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 7.3 10.9

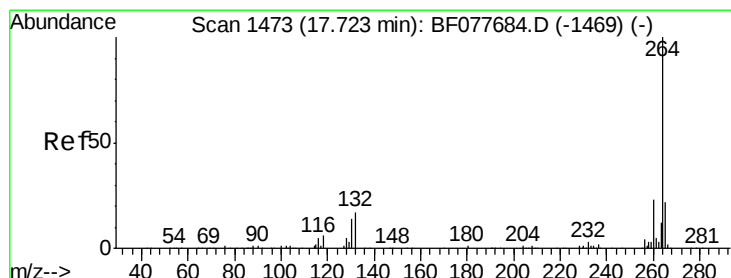
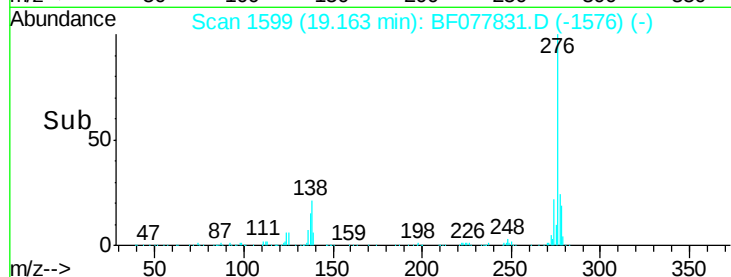
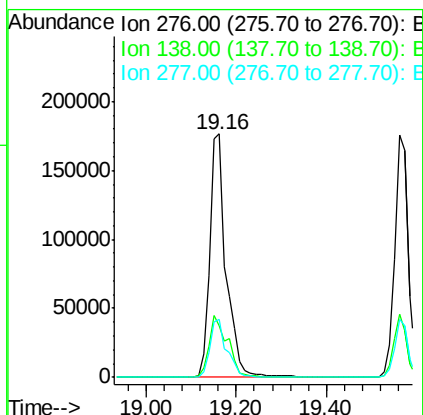
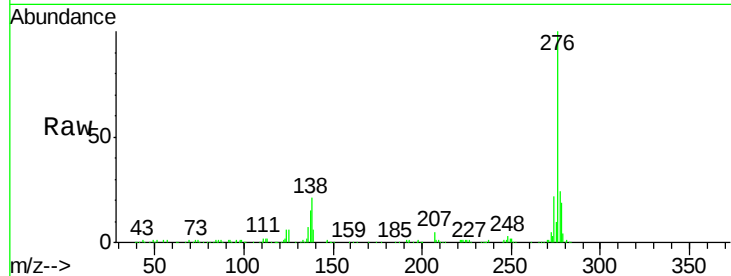




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.67 ng
 RT: 19.16 min Scan# 1599
 Delta R.T. -0.03 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

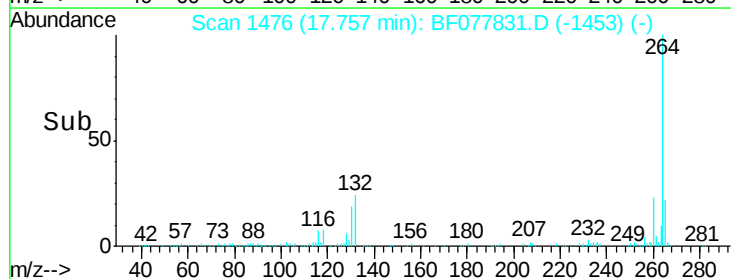
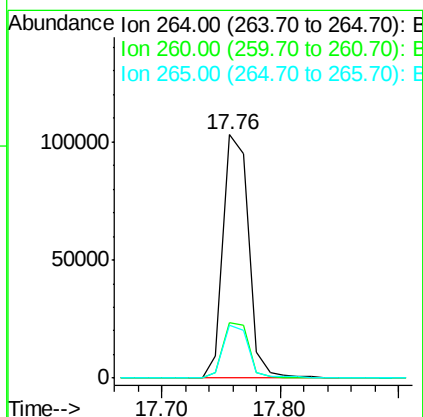
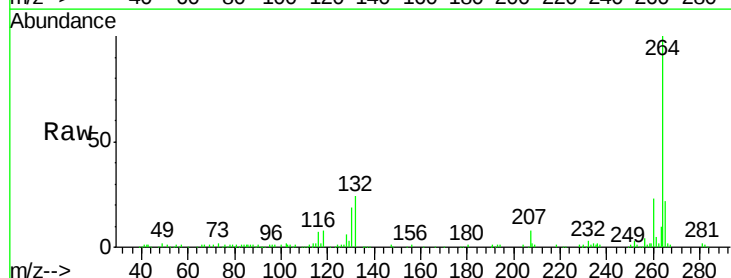
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BS

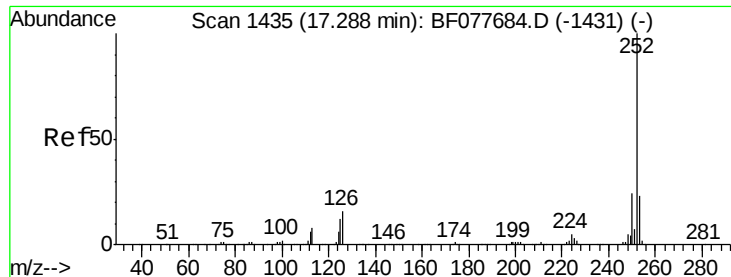
Tot Ion:276 Resp: 447116
 Ion Ratio Lower Upper
 276 100
 138 29.2 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BF077831.D
 Acq: 19 Mar 2015 14:48

Tgt Ion:264 Resp: 153630
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.9 17.3 25.9

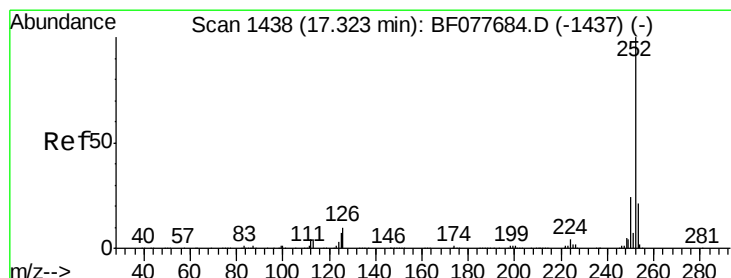
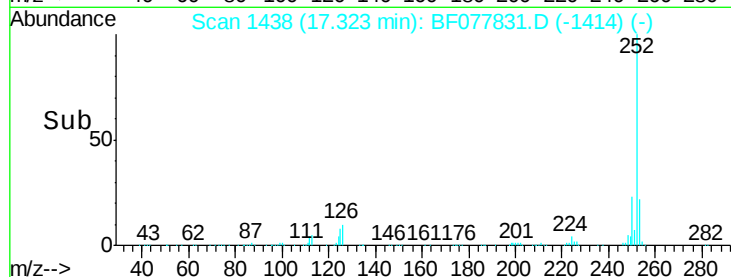
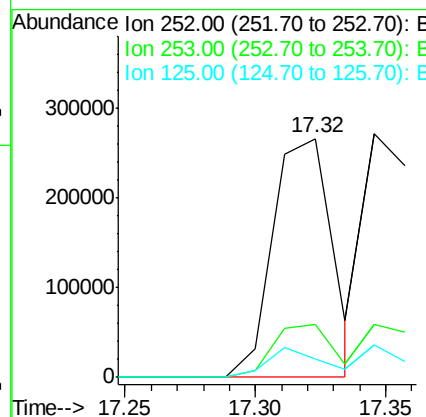
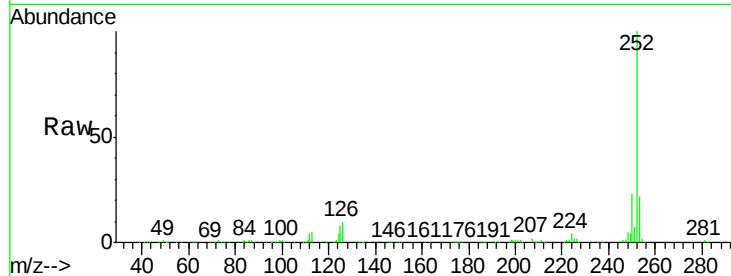




#87
Benzo(b)fluoranthene
Concen: 41.80 ng m
RT: 17.32 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

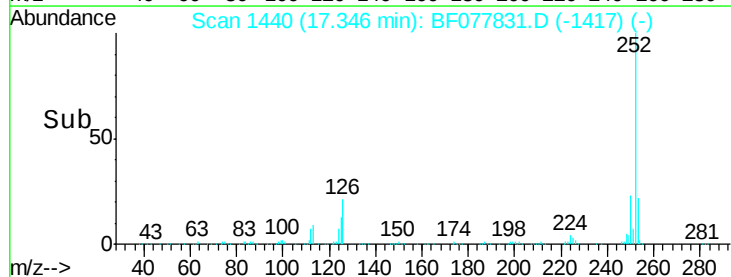
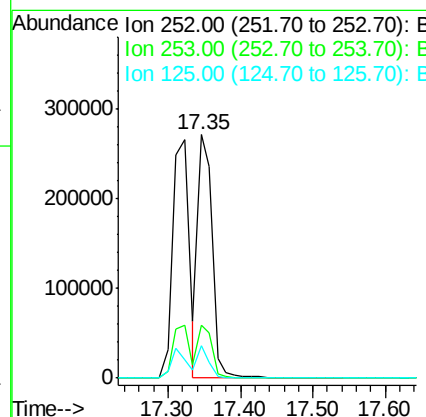
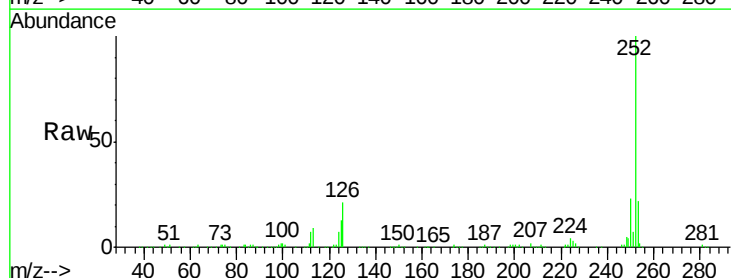
Instrument :
BNA_F
ClientSampleId :
PB82103BS

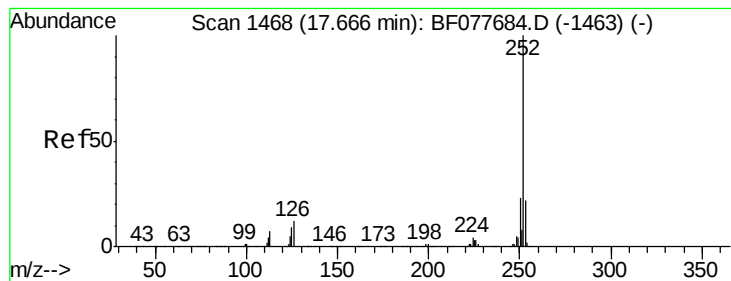
Tot Ion:252 Resp: 419257
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 7.8 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 47.96 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BF077831.D
Acq: 19 Mar 2015 14:48

Tgt Ion:252 Resp: 375720
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 13.4 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 46.86 ng

RT: 17.70 min Scan# 1471

Delta R.T. -0.03 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

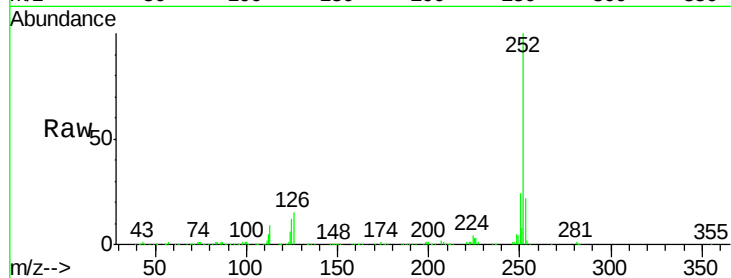
Tot Ion:252 Resp: 392183

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

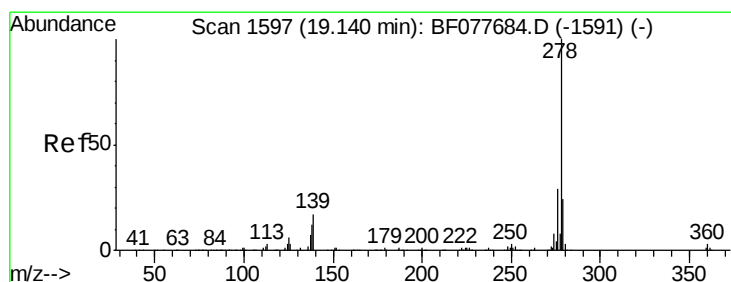
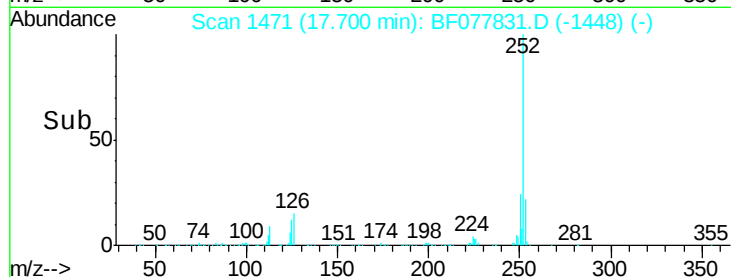
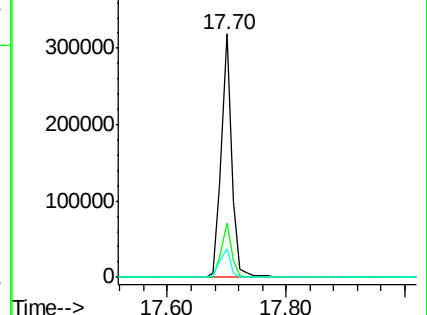
125 12.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.31 ng

RT: 19.19 min Scan# 1601

Delta R.T. -0.05 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

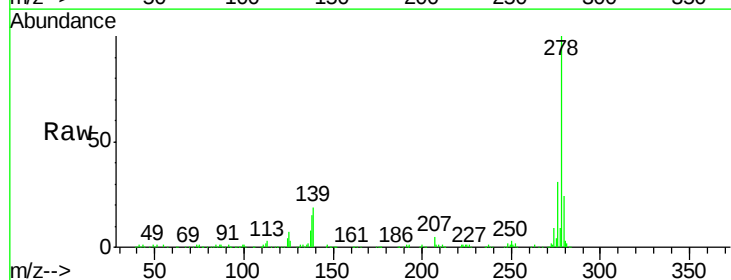
Tgt Ion:278 Resp: 367746

Ion Ratio Lower Upper

278 100

139 18.9 13.4 20.0

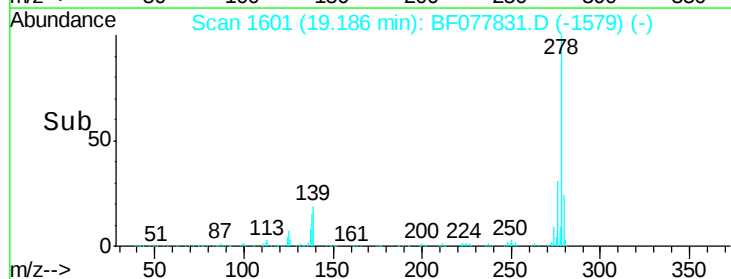
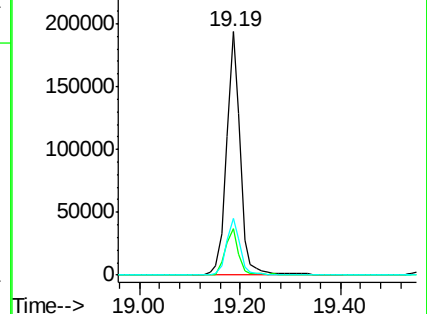
279 23.5 19.0 28.4

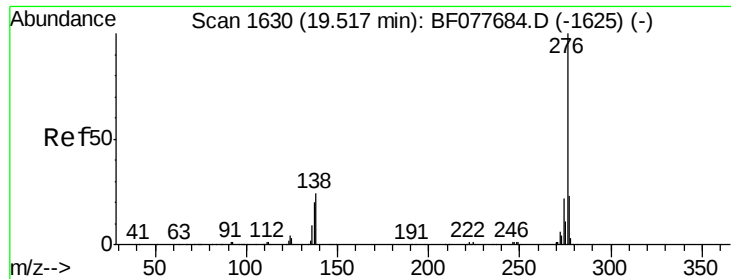


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.64 ng

RT: 19.56 min Scan# 1634

Delta R.T. -0.05 min

Lab File: BF077831.D

Acq: 19 Mar 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB82103BS

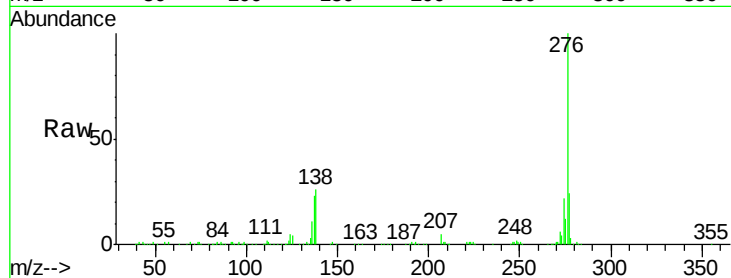
Tot Ion:276 Resp: 377188

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 26.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

