

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077916.D
 Acq On : 24 Mar 2015 17:27
 Operator : TP/IZ
 Sample : PB82241BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Quant Time: Mar 25 00:09:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	41741	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	173890	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	85550	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	161126	20.00	ng	0.00
75) Chrysene-d12	15.99	240	175624	20.00	ng	0.01
86) Perylene-d12	17.76	264	164864	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	194687	81.41	ng	0.00
7) Phenol-d6	6.69	99	251797	85.23	ng	0.00
23) Nitrobenzene-d5	7.81	82	189354	71.38	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	58623	71.62	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	438781	75.38	ng	0.00
78) Terphenyl-d14	14.69	244	510881	71.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	33367	30.73	ng	# 100
3) Pyridine	2.68	79	86422	29.63	ng	99
4) n-Nitrosodimethylamine	2.61	42	44164	34.77	ng	# 98
6) Aniline	6.70	93	87182	20.63	ng	# 13
8) 2-Chlorophenol	6.85	128	117456	41.26	ng	87
9) Benzaldehyde	6.57	77	3946	3.26	ng	85
10) Phenol	6.70	94	140369	40.19	ng	96
11) bis(2-Chloroethyl)ether	6.81	93	108445	41.46	ng	91
12) 1,3-Dichlorobenzene	7.04	146	123695	39.07	ng	98
13) 1,4-Dichlorobenzene	7.14	146	124672	37.90	ng	98
14) 1,2-Dichlorobenzene	7.32	146	119942	39.77	ng	98
15) Benzyl Alcohol	7.31	79	87763	38.05	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.48	45	145802	41.36	ng	97
17) 2-Methylphenol	7.46	107	95994	41.43	ng	99
18) Hexachloroethane	7.73	117	42778	39.65	ng	94
19) n-Nitroso-di-n-propylamine	7.64	70	79801	39.04	ng	# 93
20) 3+4-Methylphenols	7.65	107	120725	39.70	ng	99
22) Acetophenone	7.63	105	158927	41.28	ng	# 92
24) Nitrobenzene	7.84	77	118092	41.32	ng	89
25) Isophorone	8.13	82	208395	38.90	ng	95
26) 2-Nitrophenol	8.22	139	53969	38.57	ng	# 83
27) 2,4-Dimethylphenol	8.30	122	102235	40.11	ng	98
28) bis(2-Chloroethoxy)methane	8.42	93	134530	41.37	ng	99
29) 2,4-Dichlorophenol	8.53	162	96398	39.68	ng	97
30) 1,2,4-Trichlorobenzene	8.62	180	100914	37.12	ng	97
31) Naphthalene	8.72	128	335706	37.59	ng	100
32) Benzoic acid	8.42	122	41065	30.11	ng	97
33) 4-Chloroaniline	8.80	127	72255	19.94	ng	# 91
34) Hexachlorobutadiene	8.88	225	59873	38.86	ng	97
35) Caprolactam	9.23	113	28730	40.46	ng	# 76
36) 4-Chloro-3-methylphenol	9.41	107	100289	41.02	ng	87
37) 2-Methylnaphthalene	9.57	142	231707	38.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	99586	39.03	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	101282	79.32	ng	98

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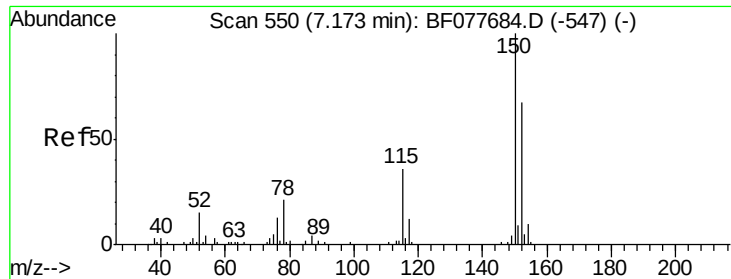
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Quant Time: Mar 25 00:09:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	9.94	196	65287	36.94	ng	98
43) 2,4,5-Trichlorophenol	9.98	196	75045	39.30	ng	# 93
45) 1,1'-Biphenyl	10.16	154	274117	40.08	ng	96
46) 2-Chloronaphthalene	10.18	162	221239	39.81	ng	95
47) 2-Nitroaniline	10.32	65	60012	43.48	ng	93
48) Acenaphthylene	10.68	152	350494	37.92	ng	100
49) Dimethylphthalate	10.56	163	265493	41.84	ng	99
50) 2,6-Dinitrotoluene	10.62	165	58520	44.49	ng	87
51) Acenaphthene	10.90	154	197030	37.18	ng	99
52) 3-Nitroaniline	10.82	138	39629	25.94	ng	# 71
53) 2,4-Dinitrophenol	10.96	184	38752	80.18	ng	99
54) Dibenzofuran	11.12	168	315475	40.14	ng	96
55) 4-Nitrophenol	11.05	139	83381	73.69	ng	# 61
56) 2,4-Dinitrotoluene	11.12	165	75569	44.06	ng	90
57) Fluorene	11.54	166	252239	38.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	60352	41.05	ng	# 100
59) Diethylphthalate	11.43	149	248583	40.21	ng	97
60) 4-Chlorophenyl-phenylether	11.55	204	117323	39.39	ng	91
61) 4-Nitroaniline	11.57	138	57775	37.95	ng	76
62) Azobenzene	11.75	77	239736	40.57	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	29570	39.69	ng	79
65) n-Nitrosodiphenylamine	11.70	169	220726	41.14	ng	99
66) 4-Bromophenyl-phenylether	12.16	248	71534	41.60	ng	# 93
67) Hexachlorobenzene	12.21	284	76917	40.71	ng	98
68) Atrazine	12.37	200	64766	43.08	ng	96
69) Pentachlorophenol	12.47	266	74106	75.08	ng	99
70) Phenanthrene	12.73	178	383655	41.48	ng	99
71) Anthracene	12.79	178	383365	41.95	ng	99
72) Carbazole	13.00	167	372559	42.86	ng	99
73) Di-n-butylphthalate	13.46	149	407812	41.84	ng	98
74) Fluoranthene	14.20	202	421232	41.29	ng	99
76) Benzidine	14.39	184	124596	28.54	ng	99
77) Pyrene	14.48	202	439691	39.81	ng	100
79) Butylbenzylphthalate	15.31	149	177053	40.66	ng	90
80) Benzo(a)anthracene	15.97	228	417377	40.09	ng	100
81) 3,3'-Dichlorobenzidine	15.95	252	100517	29.27	ng	# 96
82) Chrysene	16.02	228	391249	41.80	ng	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	288179	43.69	ng	# 96
84) Di-n-octyl phthalate	16.85	149	467481	41.45	ng	100
85) Indeno(1,2,3-cd)pyrene	19.13	276	437814	37.47	ng	# 100
87) Benzo(b)fluoranthene	17.33	252	349895	32.51	ng	98
88) Benzo(k)fluoranthene	17.33	252	349899	41.62	ng	98
89) Benzo(a)pyrene	17.69	252	386733	43.06	ng	# 95
90) Dibenzo(a,h)anthracene	19.16	278	368124	41.33	ng	99
91) Benzo(g,h,i)perylene	19.54	276	362723	40.00	ng	98

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

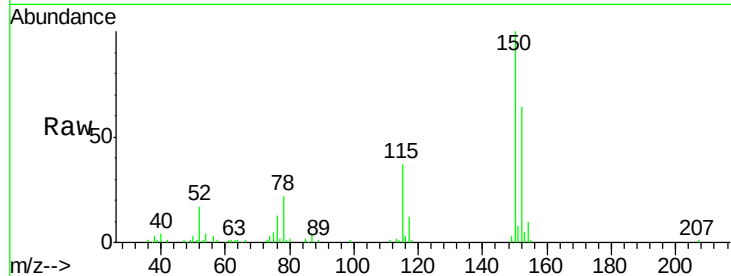


#1

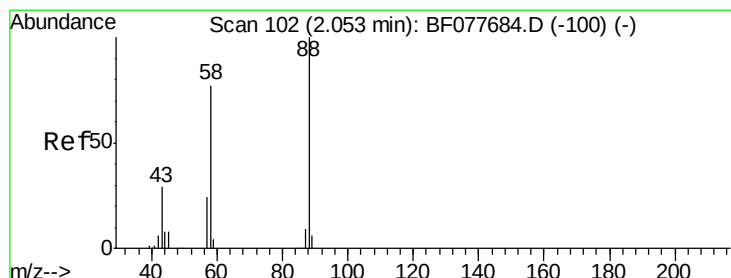
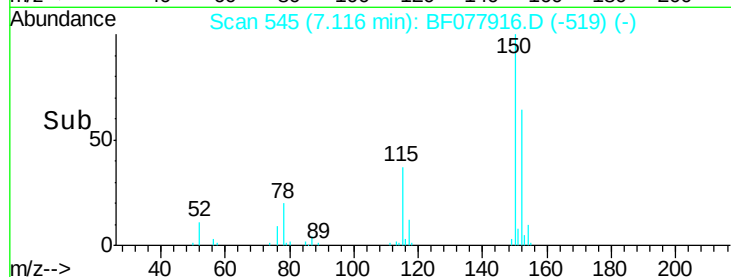
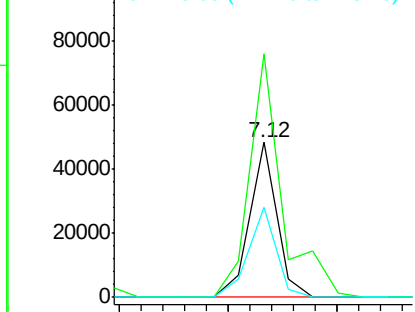
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion:152 Resp: 41741
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 57.8 43.0 64.4



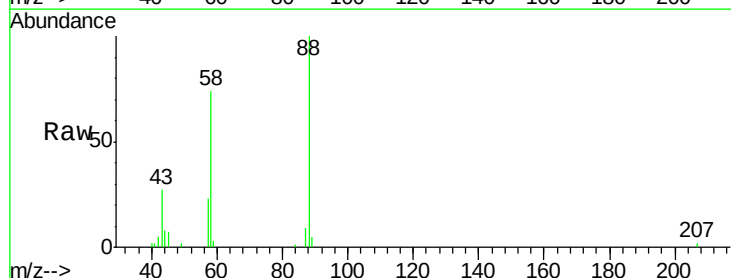
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



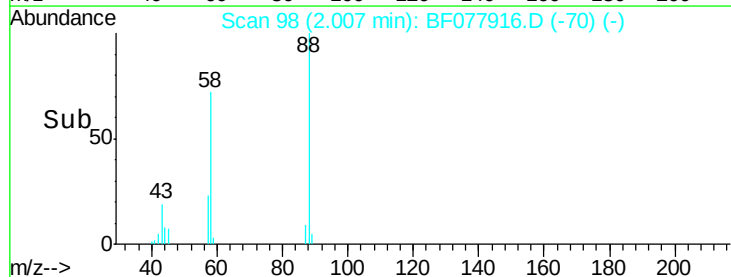
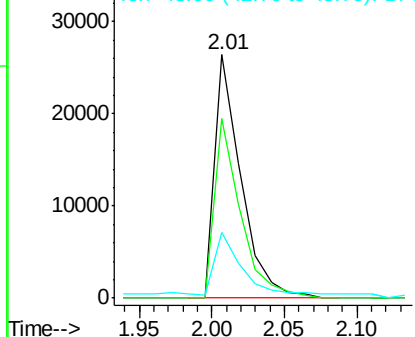
#2

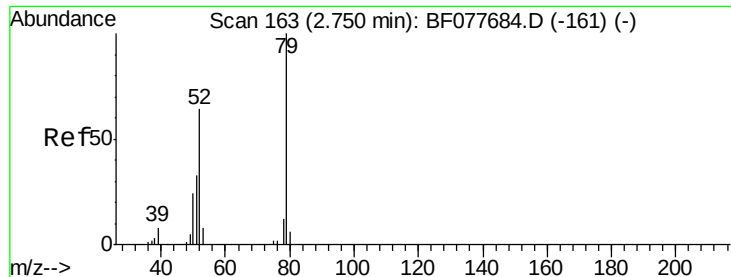
1,4-Dioxane
Concen: 30.73 ng
RT: 2.01 min Scan# 98
Delta R.T. 0.02 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion: 88 Resp: 33367
Ion Ratio Lower Upper
88 100
58 72.7 0.0 0.0#
43 34.5 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

Pyridine

Concen: 29.63 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

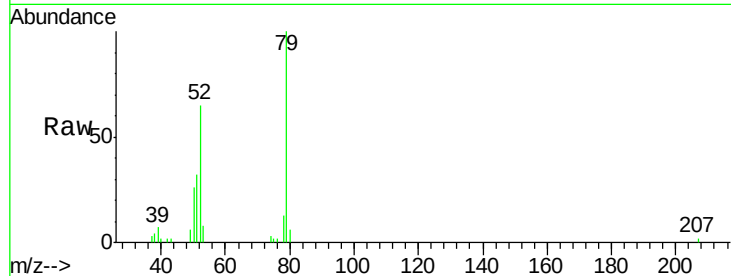
Tgt Ion: 79 Resp: 86422

Ion Ratio Lower Upper

79 100

52 64.8 51.1 76.7

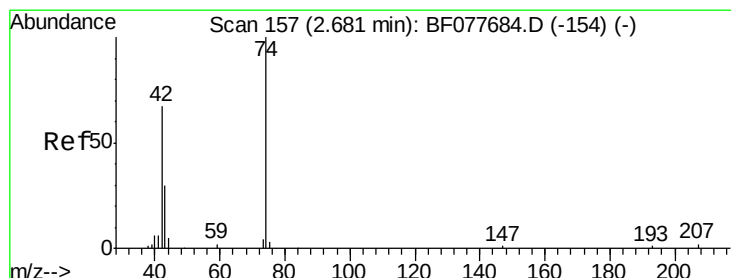
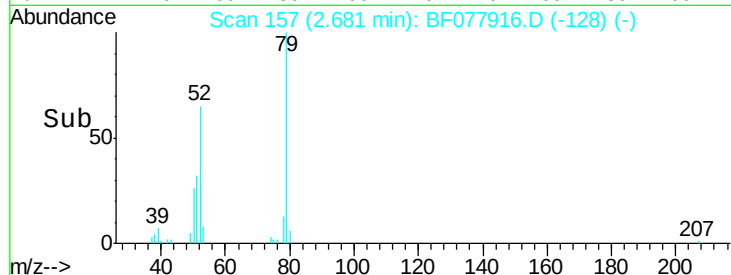
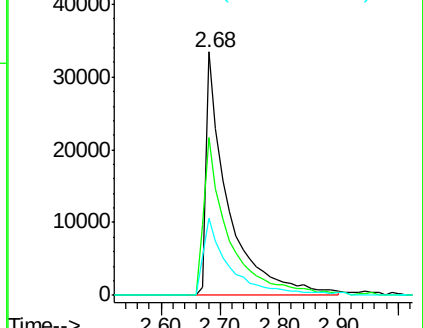
51 31.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.77 ng

RT: 2.61 min Scan# 151

Delta R.T. 0.02 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

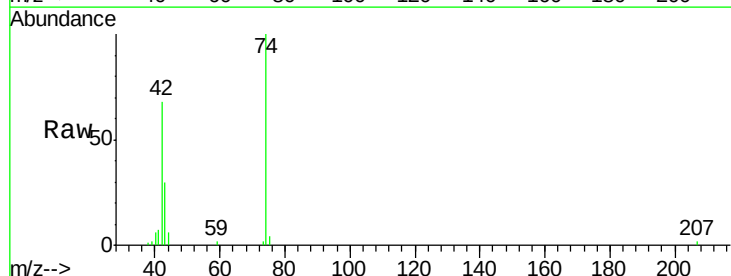
Tgt Ion: 42 Resp: 44164

Ion Ratio Lower Upper

42 100

74 147.1 119.3 178.9

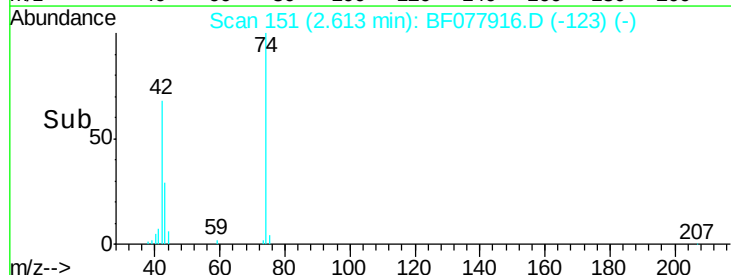
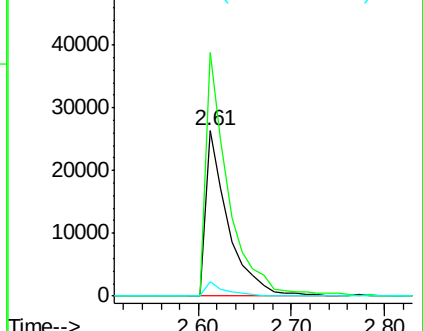
44 8.4 5.4 8.2#

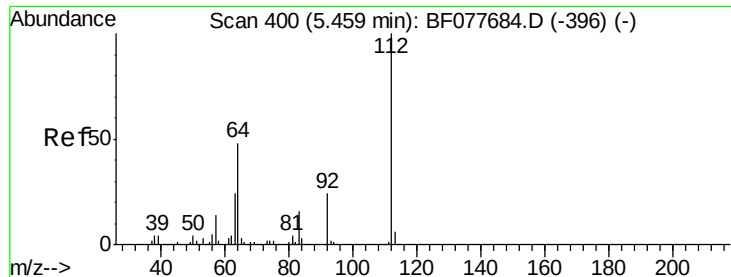


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.41 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

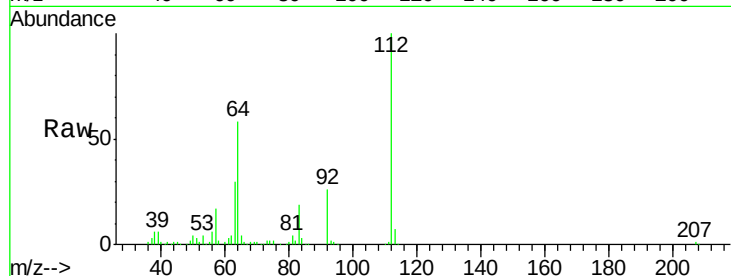
Tgt Ion: 112 Resp: 194687

Ion Ratio Lower Upper

112 100

64 58.2 38.6 57.8#

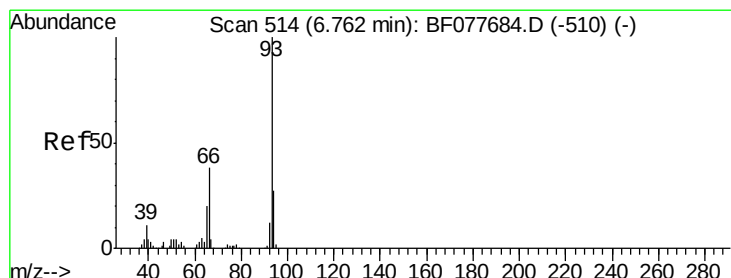
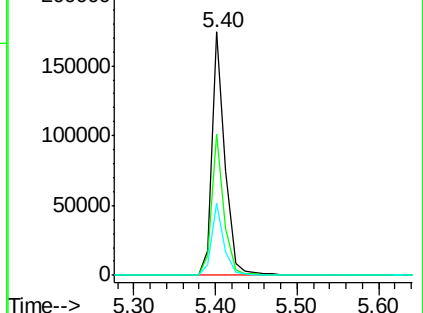
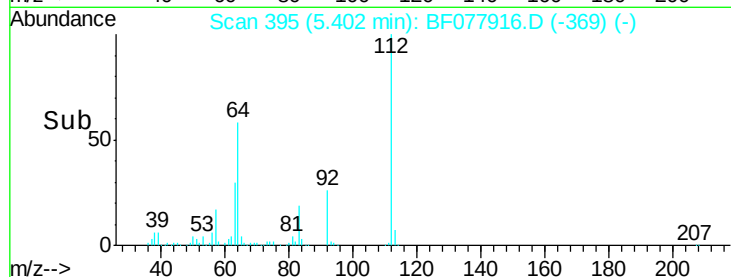
63 29.7 19.3 28.9#



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: 20.63 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

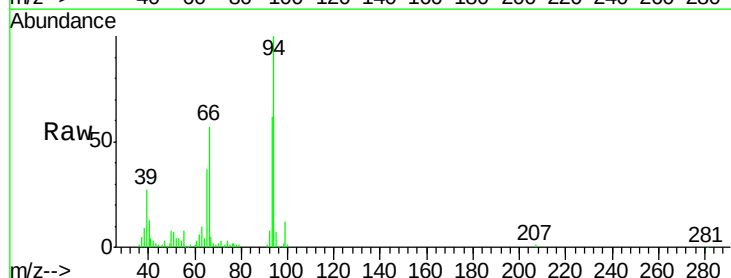
Tgt Ion: 93 Resp: 87182

Ion Ratio Lower Upper

93 100

66 91.4 30.8 46.2#

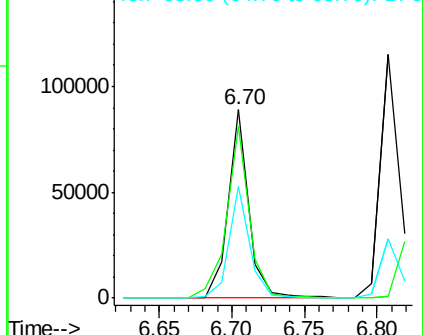
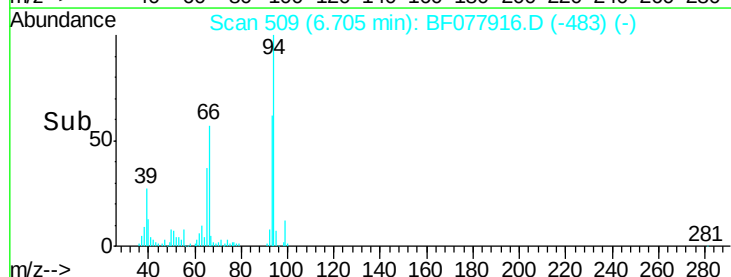
65 59.3 16.0 24.0#

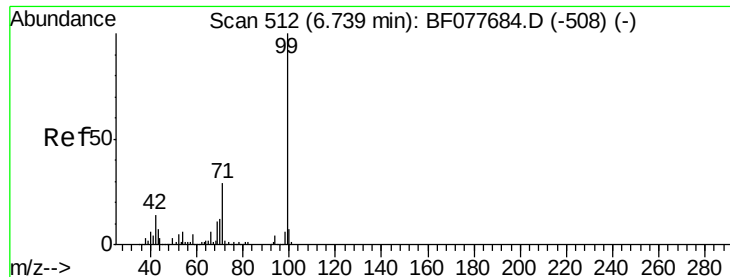


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.23 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077916.D

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PB82241BSD

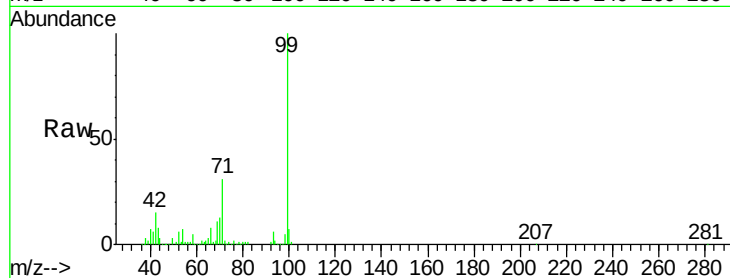
Tgt Ion: 99 Resp: 251797

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

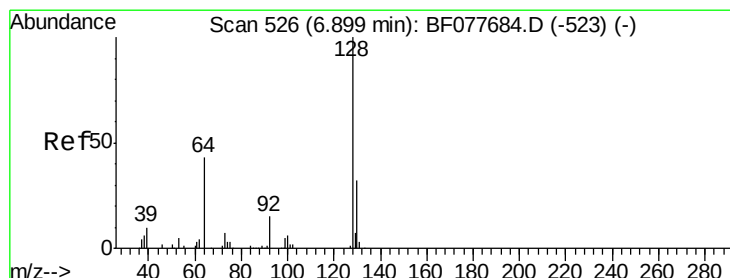
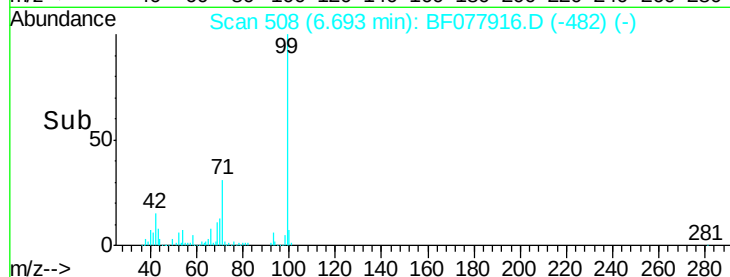
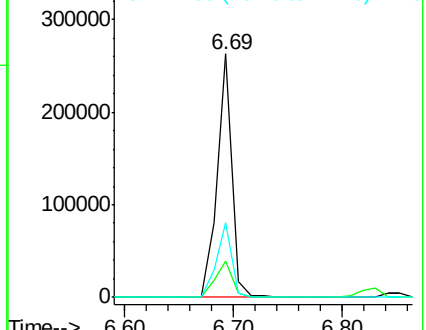
71 30.6 23.4 35.2



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: 41.26 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

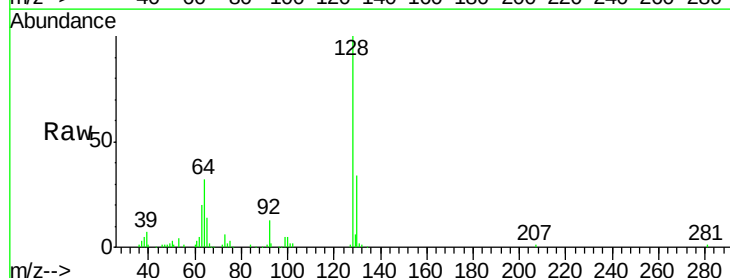
Tgt Ion: 128 Resp: 117456

Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

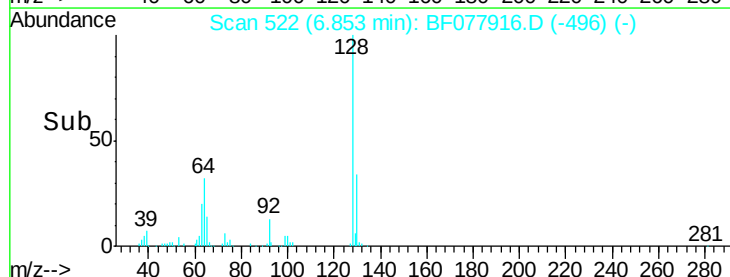
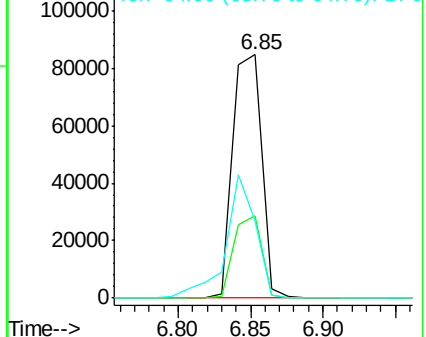
64 31.8 24.9 64.9

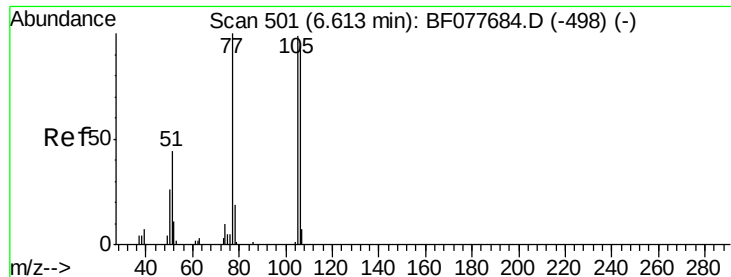


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

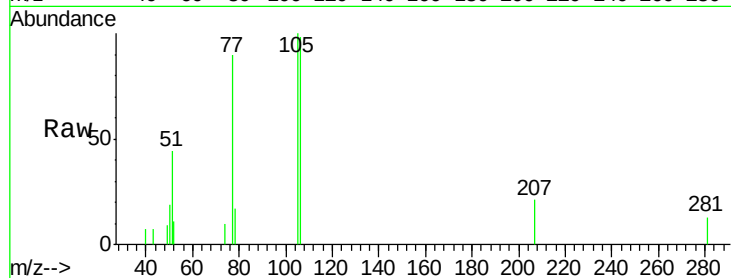
Tgt Ion: 77 Resp: 3946

Ion Ratio Lower Upper

77 100

105 111.7 78.8 118.8

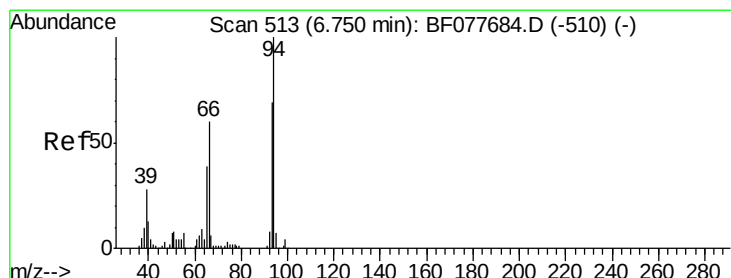
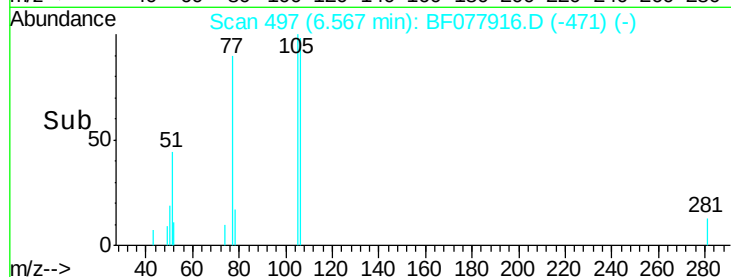
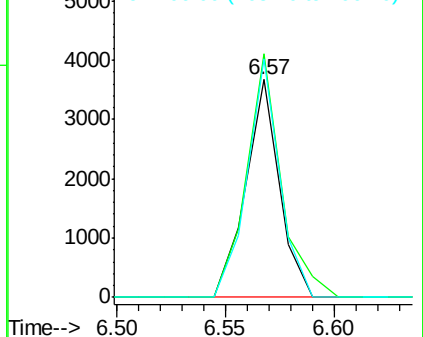
106 109.5 73.7 113.7



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: 40.19 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

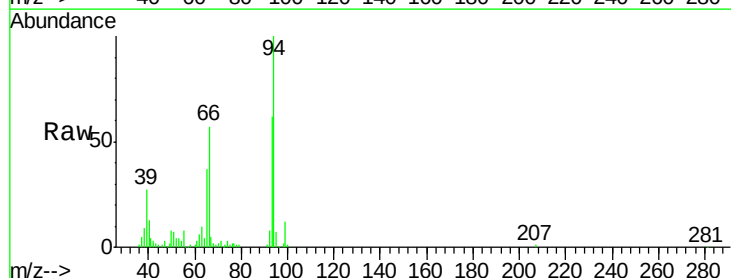
Tgt Ion: 94 Resp: 140369

Ion Ratio Lower Upper

94 100

65 36.9 18.8 58.8

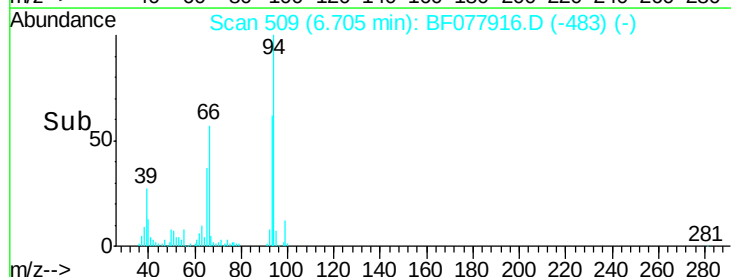
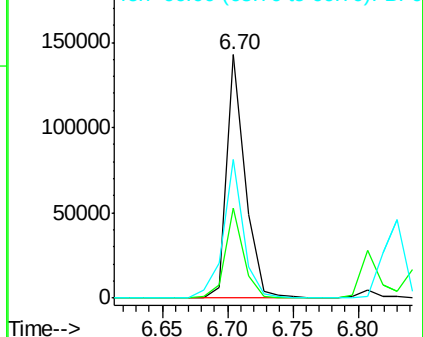
66 56.9 39.9 79.9

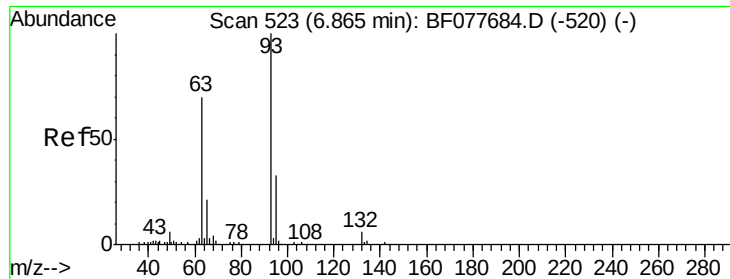


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

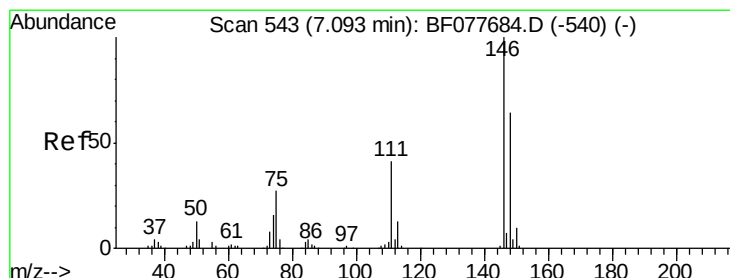
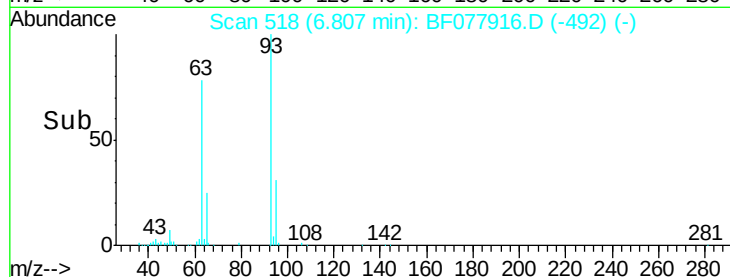
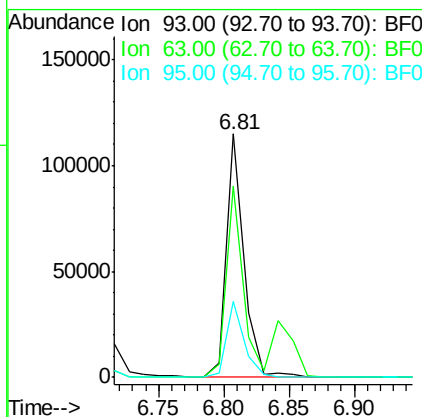
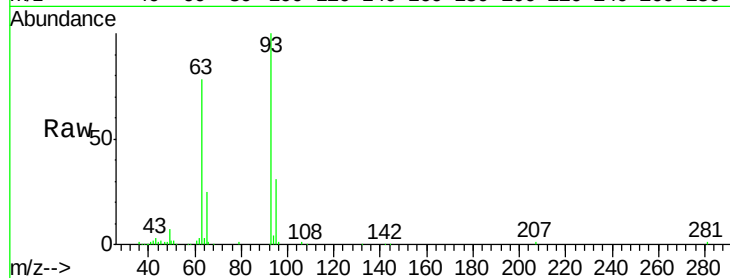




#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

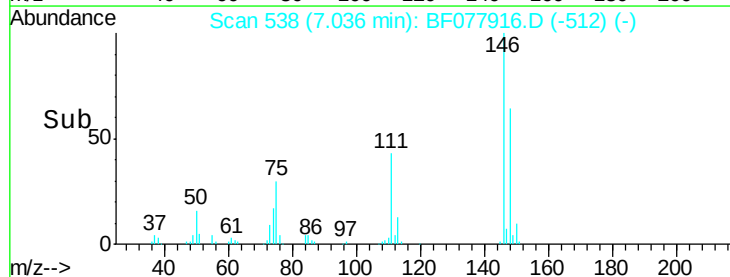
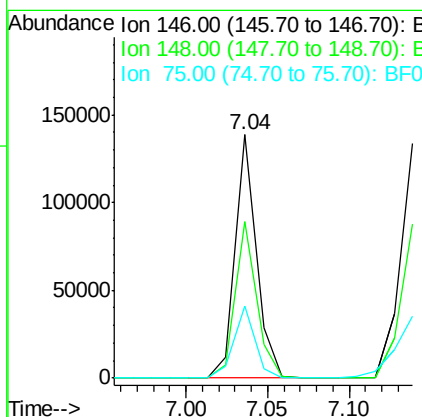
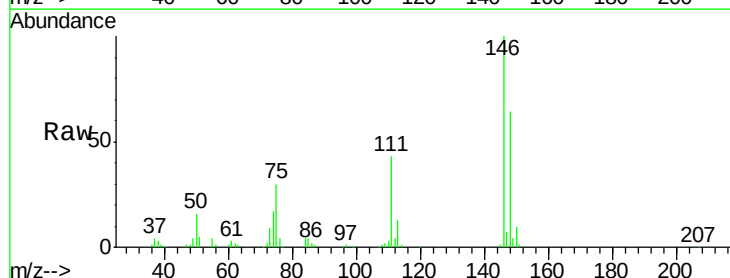
Instrument :
BNA_F
ClientSampleId :
PB82241BSD

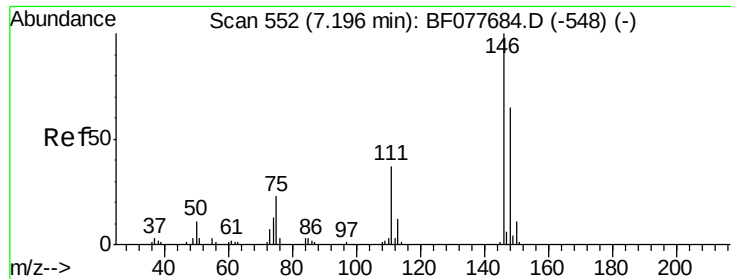
Tgt Ion: 93 Resp: 108445
Ion Ratio Lower Upper
93 100
63 78.4 49.5 89.5
95 31.4 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.07 ng
RT: 7.04 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion: 146 Resp: 123695
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 29.6 21.4 32.2

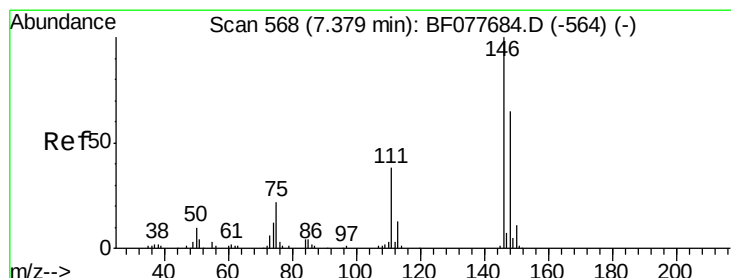
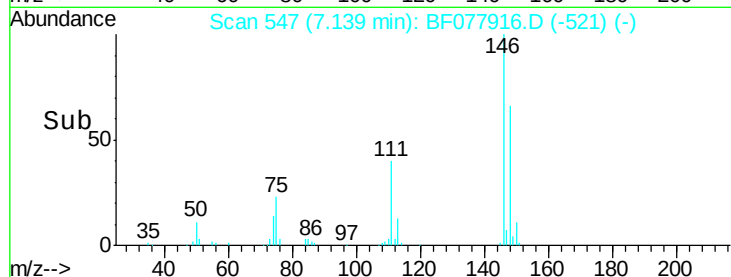
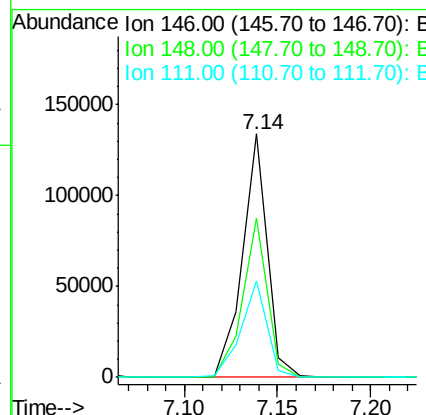
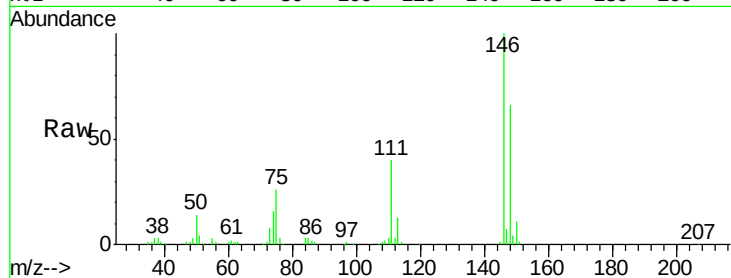




#13
 1,4-Dichlorobenzene
 Concen: 37.90 ng
 RT: 7.14 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

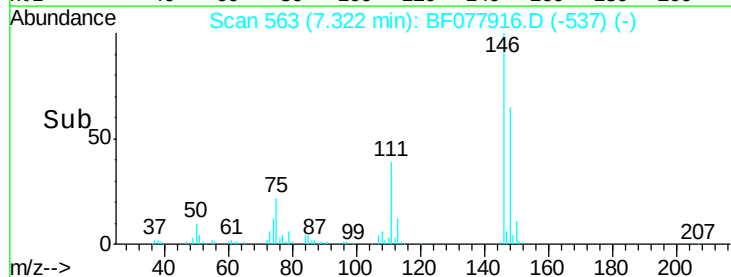
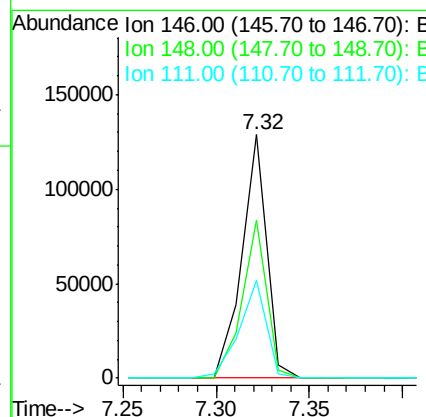
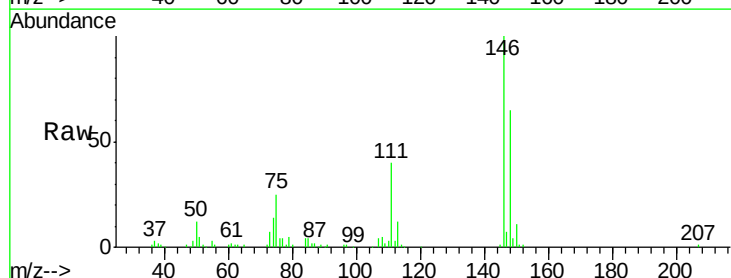
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

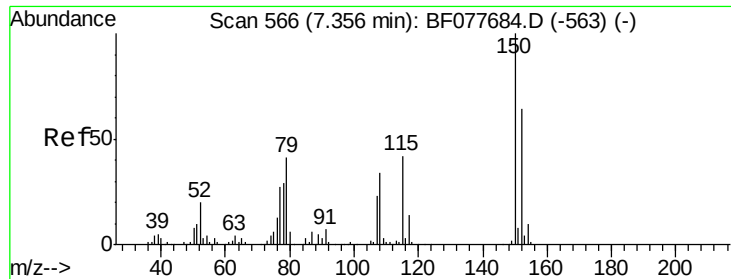
Tgt Ion:146 Resp: 124672
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 39.7 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 39.77 ng
 RT: 7.32 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:146 Resp: 119942
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 40.3 30.6 45.8





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

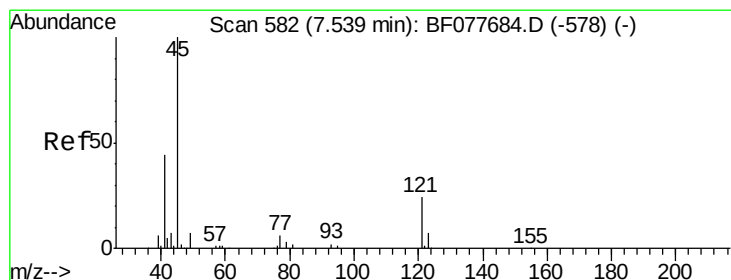
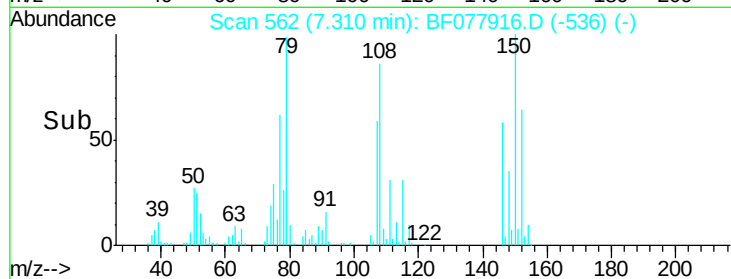
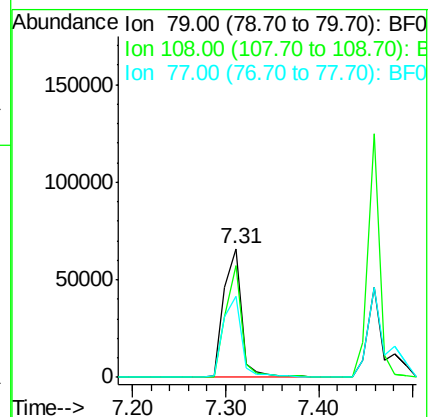
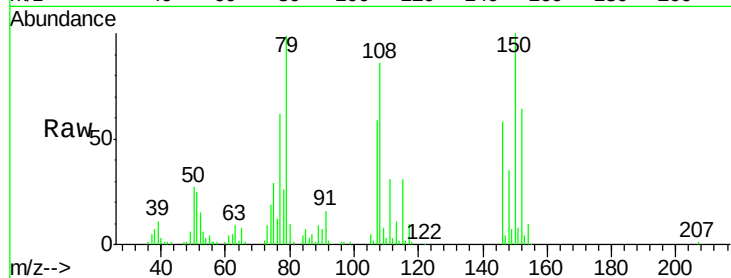
Tgt Ion: 79 Resp: 87763

Ion Ratio Lower Upper

79 100

108 86.8 65.0 97.4

77 62.6 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.36 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

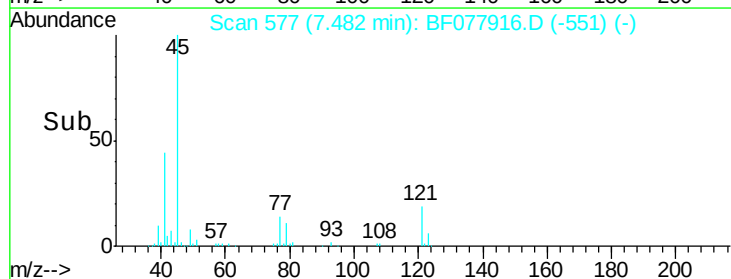
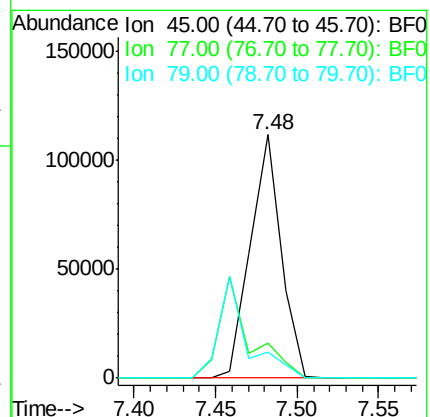
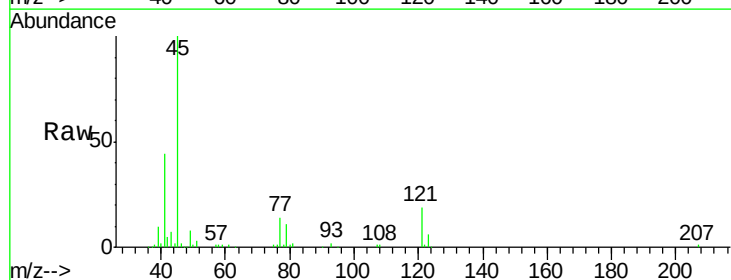
Tgt Ion: 45 Resp: 145802

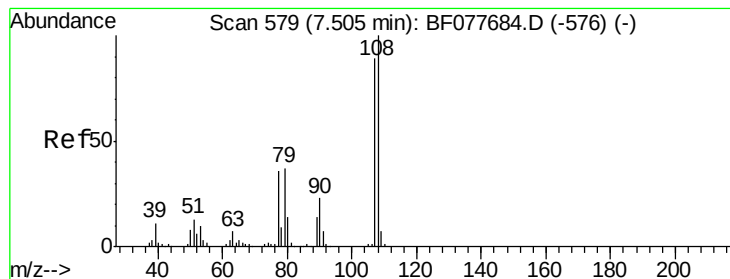
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.2

79 10.9 0.0 32.0





#17

2-Methylphenol

Concen: 41.43 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

Tgt Ion:107 Resp: 95994

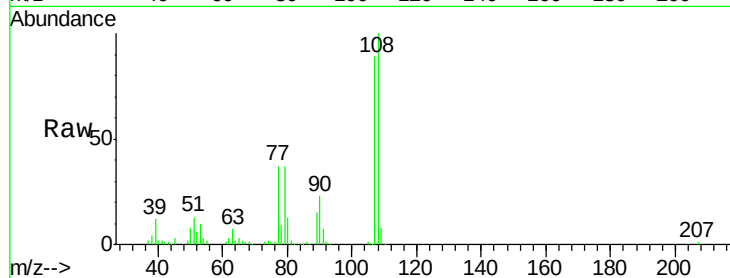
Ion Ratio Lower Upper

107 100

108 111.9 89.8 134.8

77 41.6 32.6 48.8

79 41.7 32.8 49.2

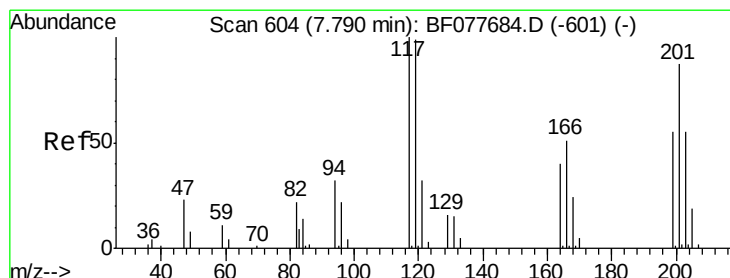
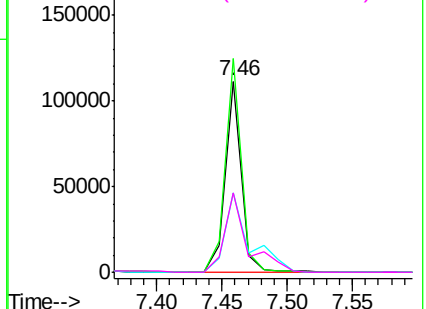
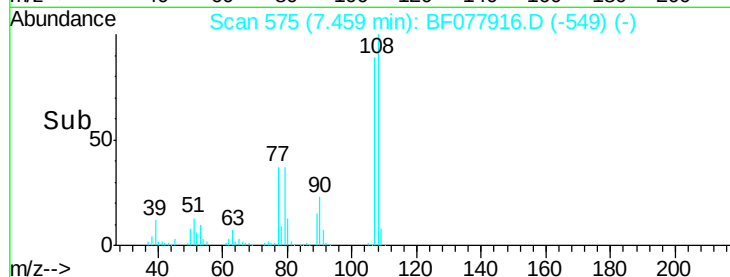


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.65 ng

RT: 7.73 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

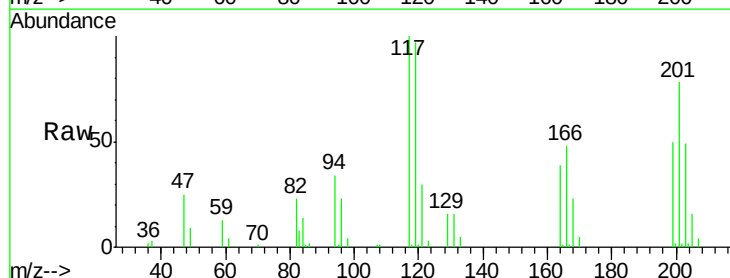
Tgt Ion:117 Resp: 42778

Ion Ratio Lower Upper

117 100

119 96.7 79.2 118.8

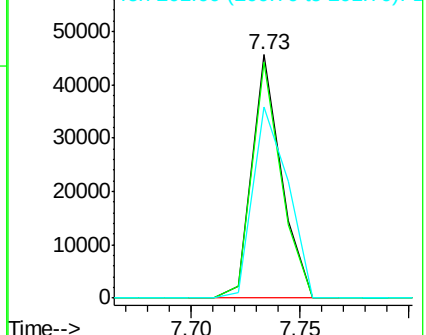
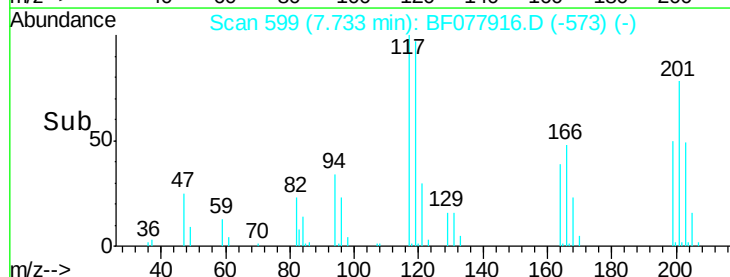
201 78.3 69.8 104.6

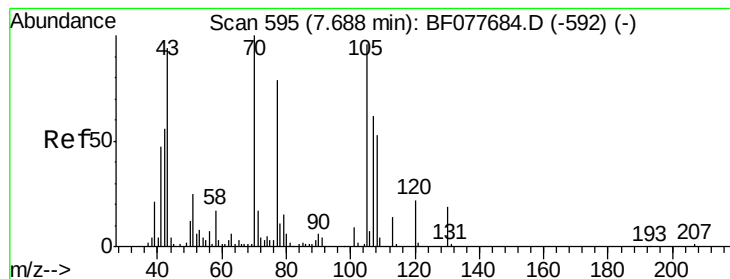


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.04 ng

RT: 7.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

Tgt Ion: 70 Resp: 79801

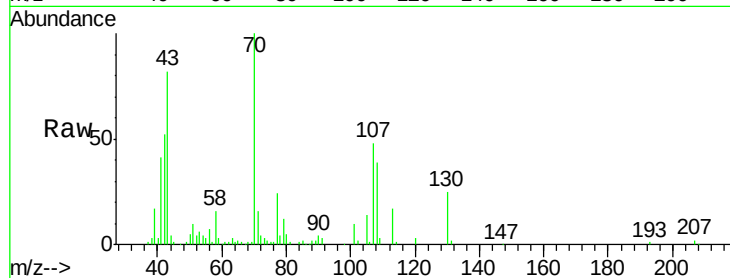
Ion Ratio Lower Upper

70 100

42 51.8 44.5 66.7

101 10.3 7.4 11.2

130 25.0 15.3 22.9#



Abundance

Ion 70.00 (69.70 to 70.70): BF0

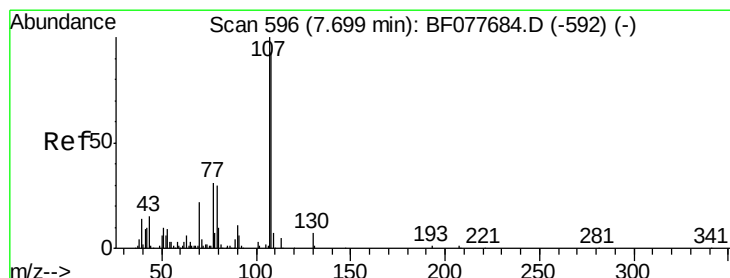
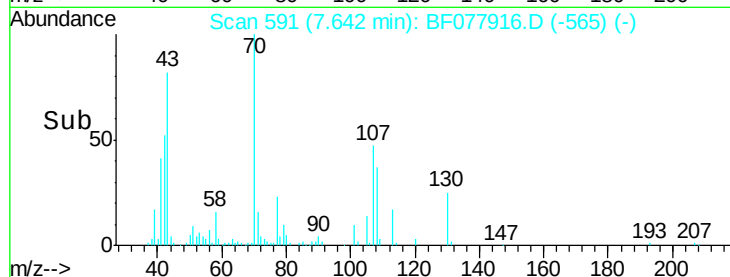
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

7.64

Time-->



#20

3+4-Methylphenols

Concen: 39.70 ng

RT: 7.65 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion: 107 Resp: 120725

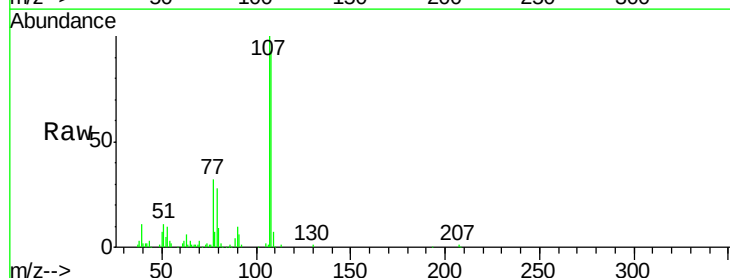
Ion Ratio Lower Upper

107 100

108 92.8 73.2 113.2

77 31.9 10.7 50.7

79 27.8 9.6 49.6



Abundance

Ion 107.00 (106.70 to 107.70): E

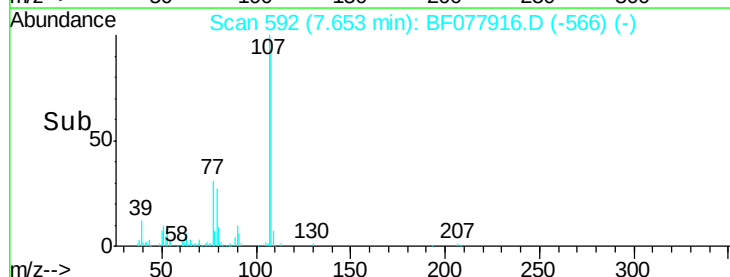
Ion 108.00 (107.70 to 108.70): E

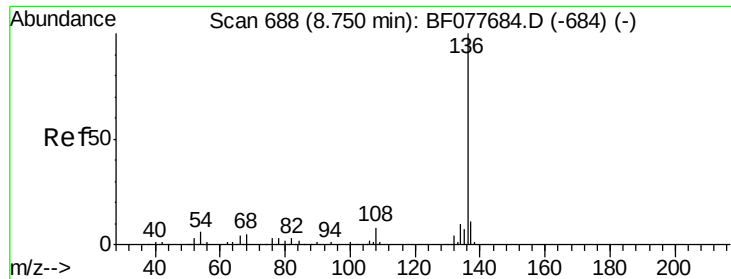
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.65

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

Tgt Ion:136 Resp: 173890

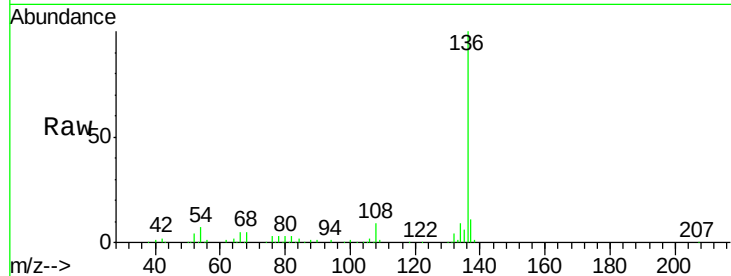
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 4.6 6.8#

68 5.3 3.7 5.5

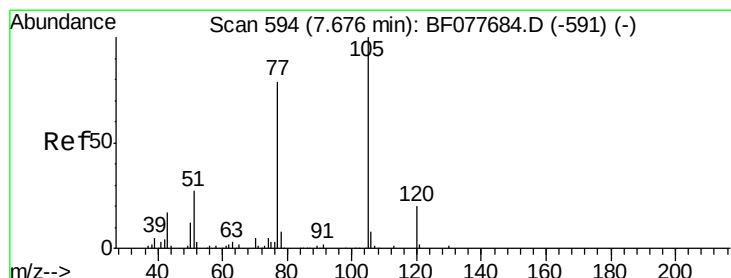
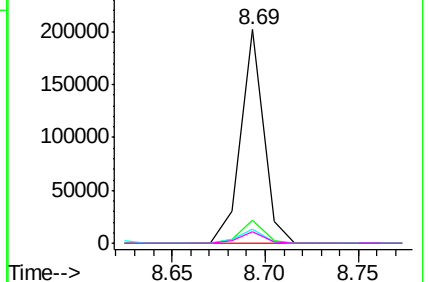
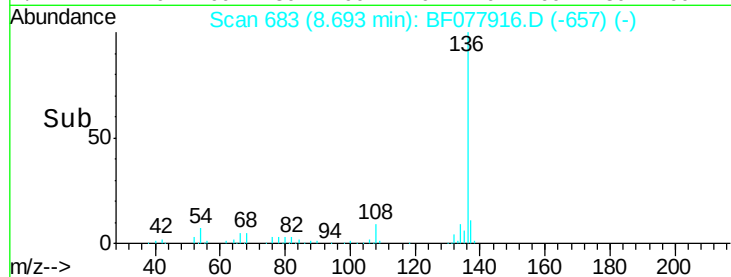


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.28 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:105 Resp: 158927

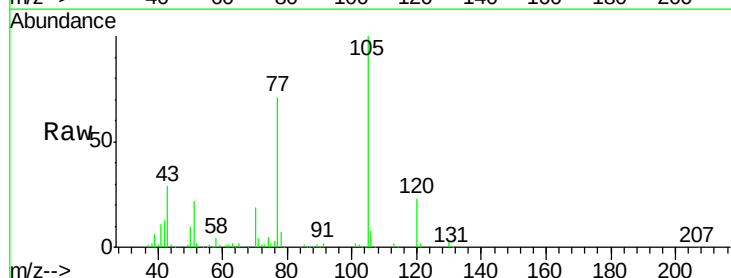
Ion Ratio Lower Upper

105 100

71 3.6 0.6 1.0#

51 22.3 21.6 32.4

120 22.6 16.1 24.1

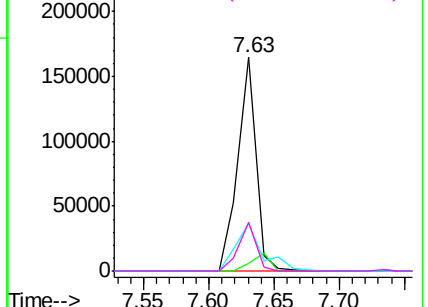
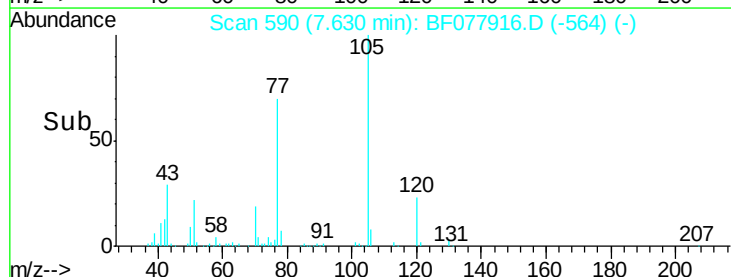


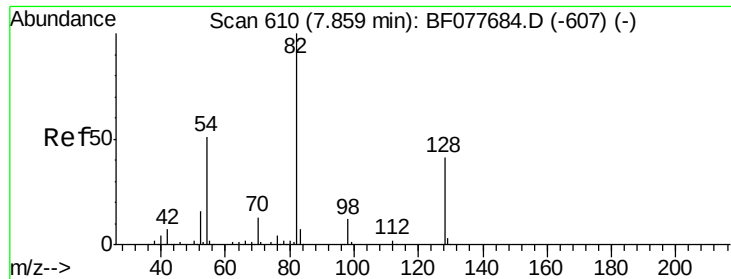
Abundance Ion 105.00 (104.70 to 105.70): E

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

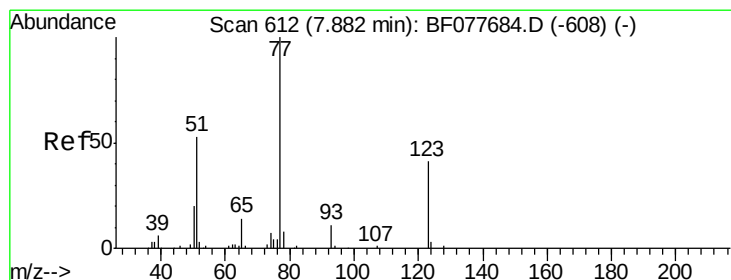
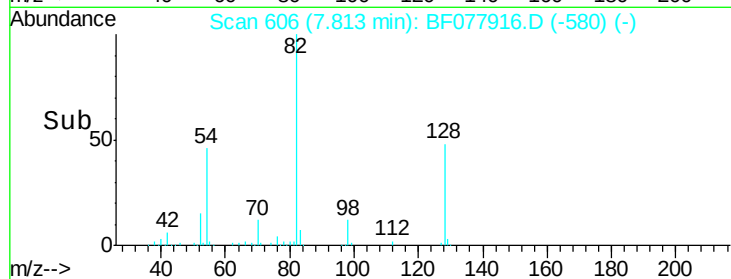
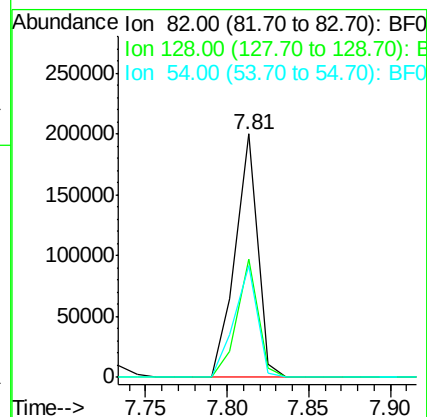
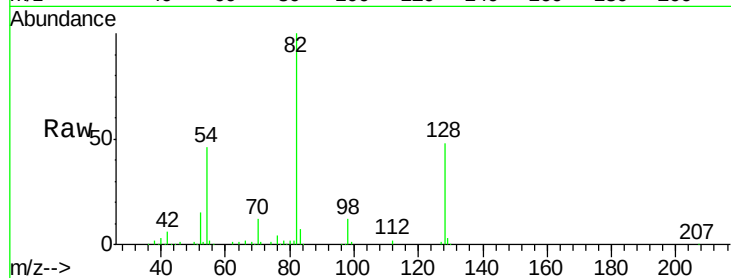




#23
 Nitrobenzene-d5
 Concen: 71.38 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

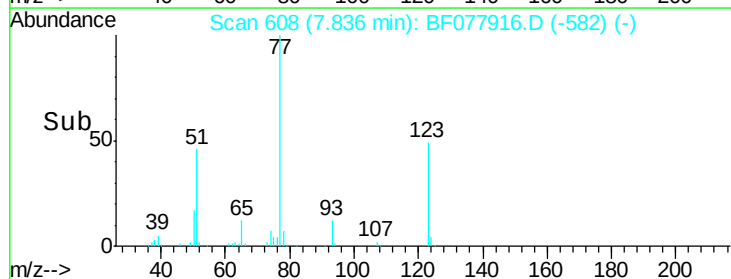
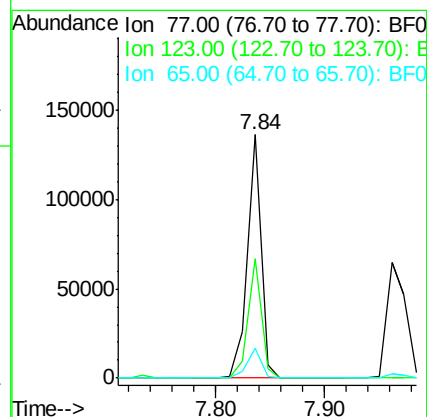
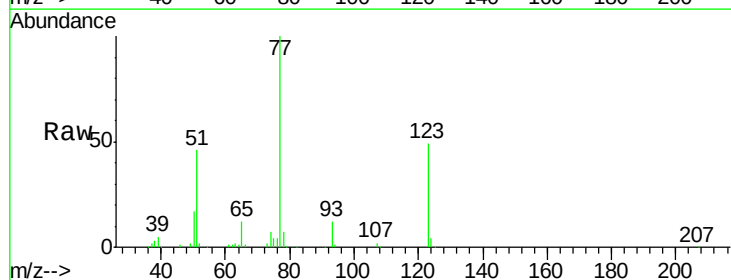
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

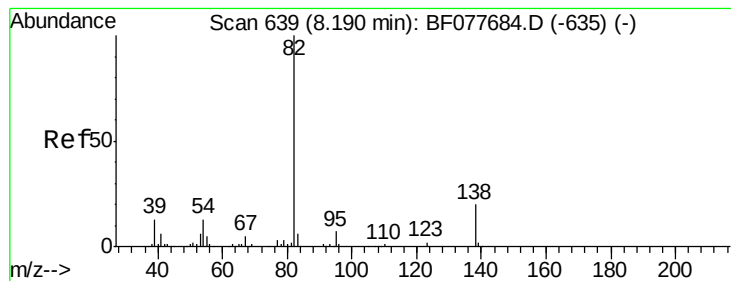
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	32.8	49.2
54	46.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 41.32 ng
 RT: 7.84 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	32.6	49.0
65	12.4	10.9	16.3





#25

Isophorone

Concen: 38.90 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

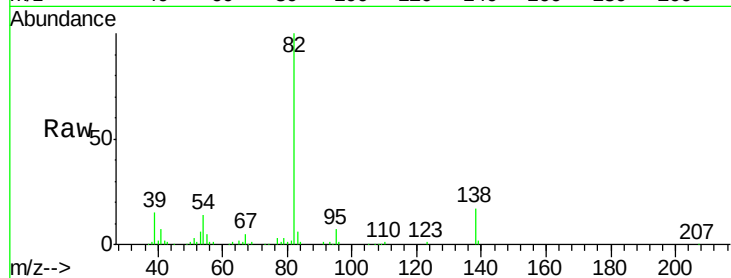
Tgt Ion: 82 Resp: 208395

Ion Ratio Lower Upper

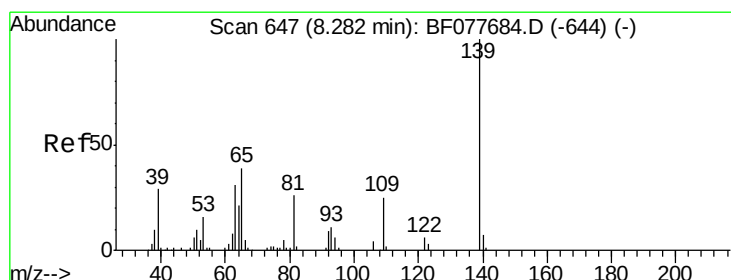
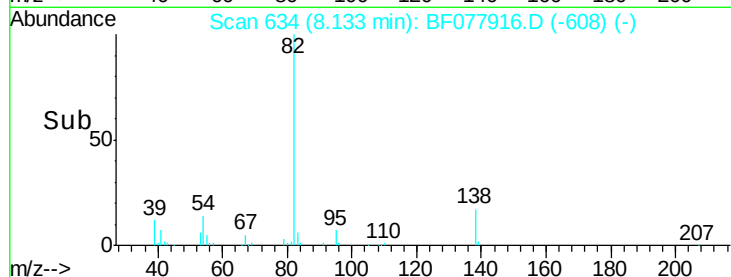
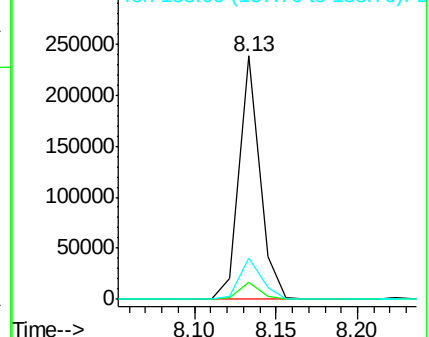
82 100

95 6.8 5.8 8.6

138 17.2 16.3 24.5



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



#26

2-Nitrophenol

Concen: 38.57 ng

RT: 8.22 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

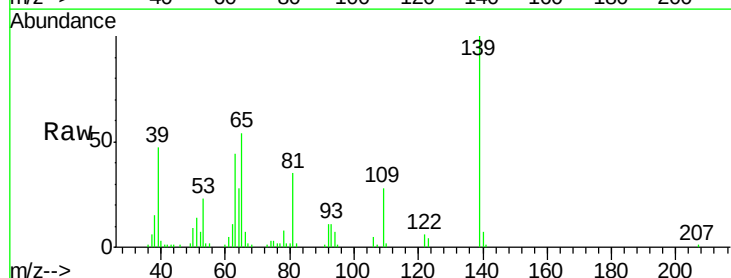
Tgt Ion: 139 Resp: 53969

Ion Ratio Lower Upper

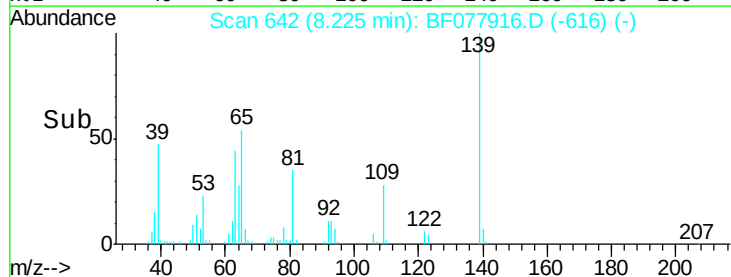
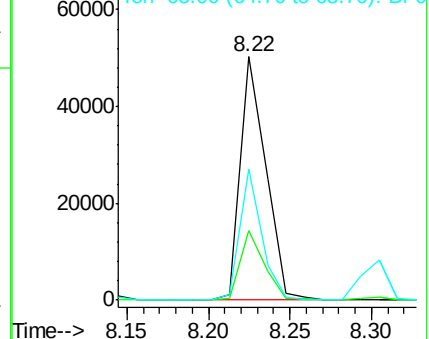
139 100

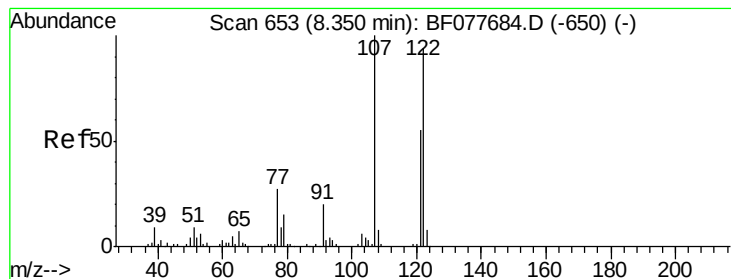
109 28.4 20.1 30.1

65 54.0 31.5 47.3#



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





#27

2,4-Dimethylphenol

Concen: 40.11 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

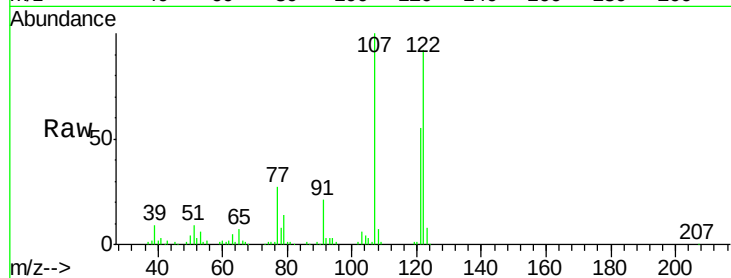
Tgt Ion:122 Resp: 102235

Ion Ratio Lower Upper

122 100

107 108.2 84.7 127.1

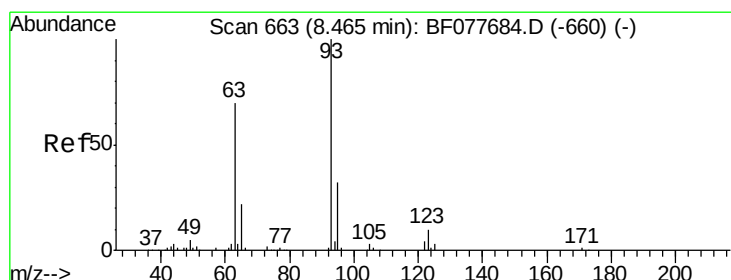
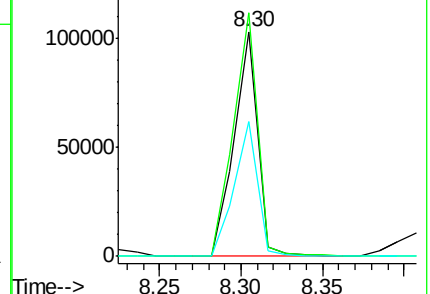
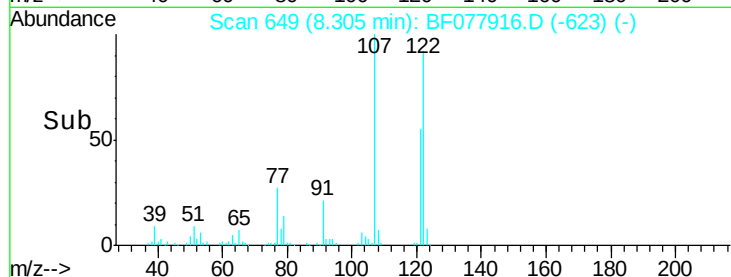
121 60.0 46.6 69.8



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: 41.37 ng

RT: 8.42 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

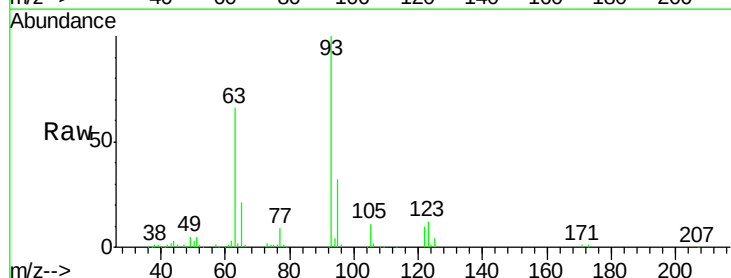
Tgt Ion: 93 Resp: 134530

Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

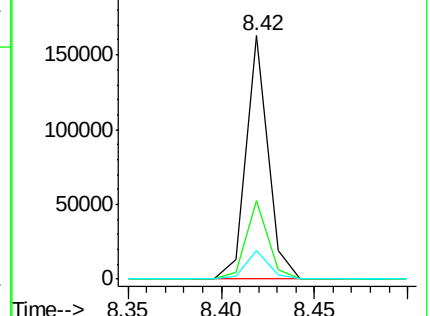
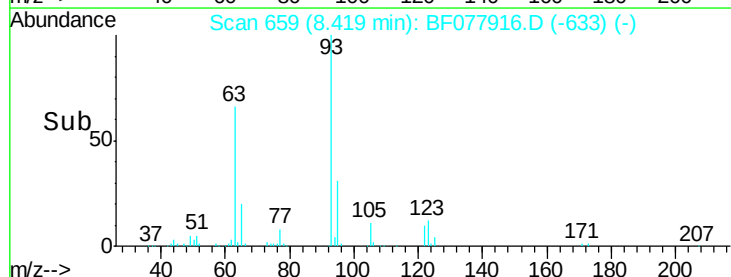
123 11.8 8.6 13.0

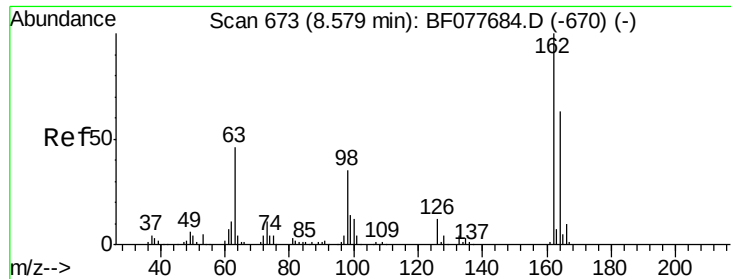


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

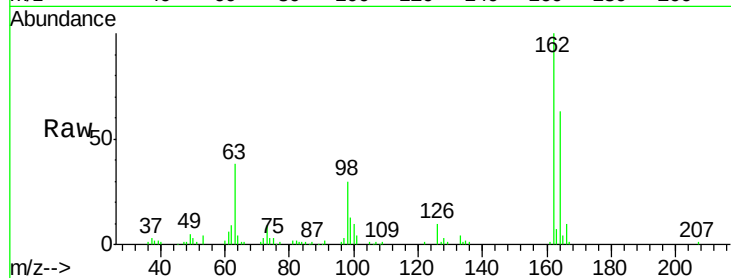




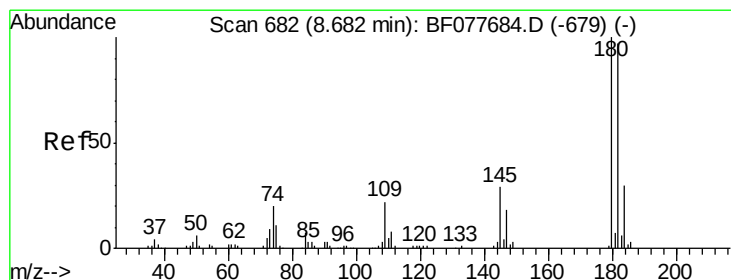
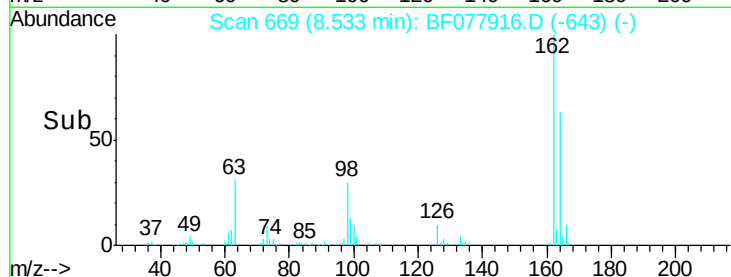
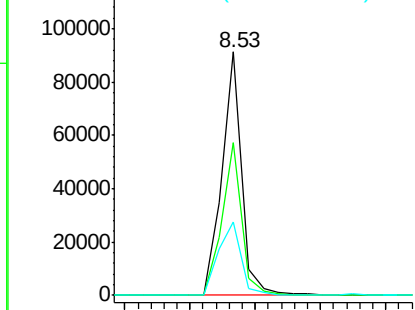
#29
 2,4-Dichlorophenol
 Concen: 39.68 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion:162 Resp: 96398
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.8 82.8
 98 30.1 14.5 54.5

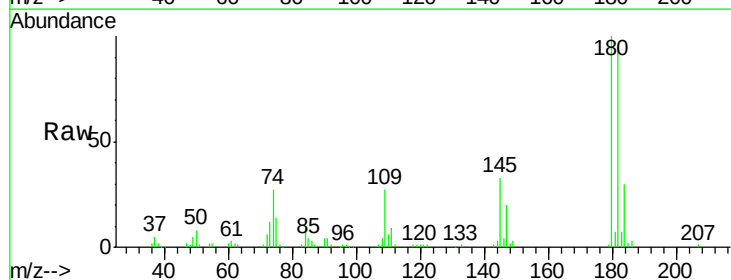


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

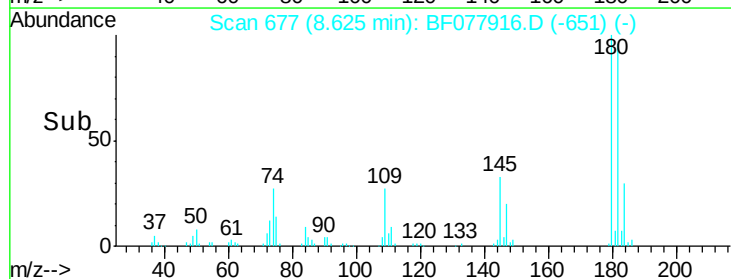
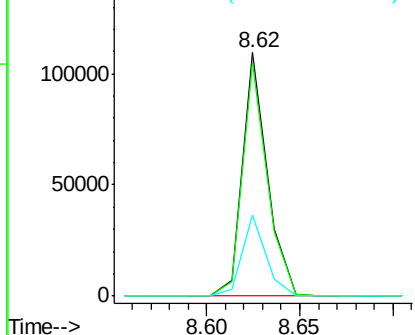


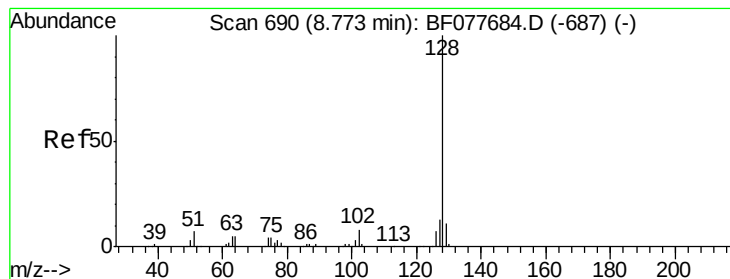
#30
 1,2,4-Trichlorobenzene
 Concen: 37.12 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:180 Resp: 100914
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.6 116.4
 145 33.3 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: 37.59 ng

RT: 8.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

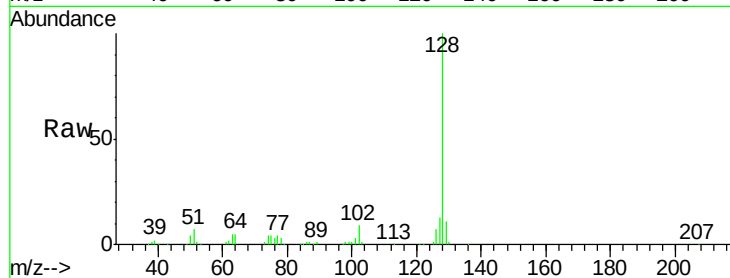
Tgt Ion:128 Resp: 335706

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

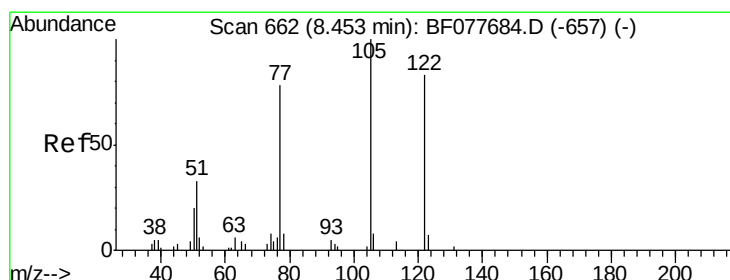
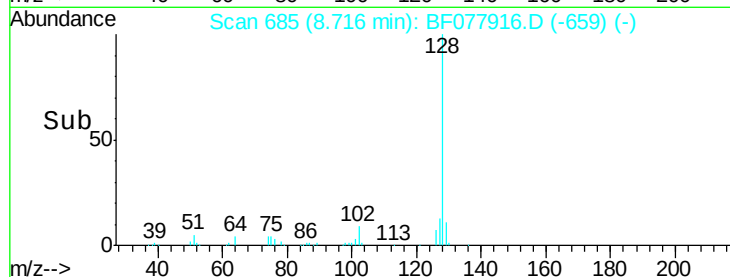
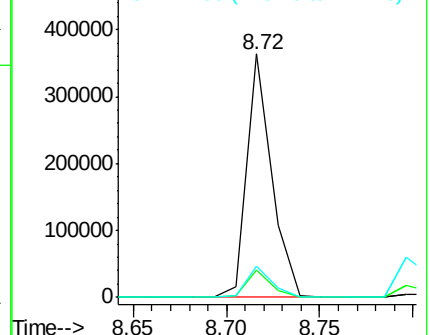
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.11 ng

RT: 8.42 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

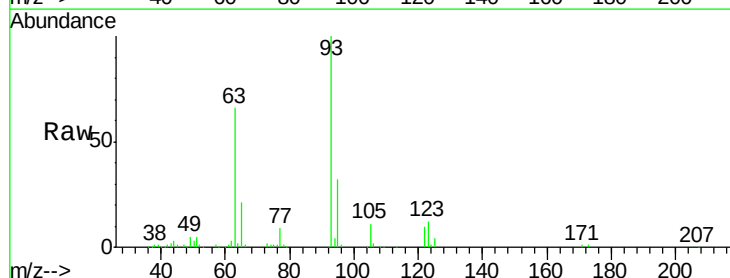
Tgt Ion:122 Resp: 41065

Ion Ratio Lower Upper

122 100

105 116.5 99.9 139.9

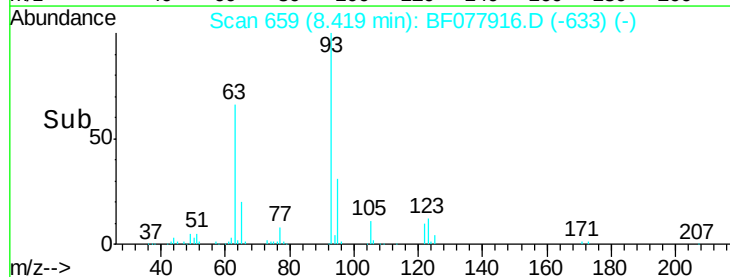
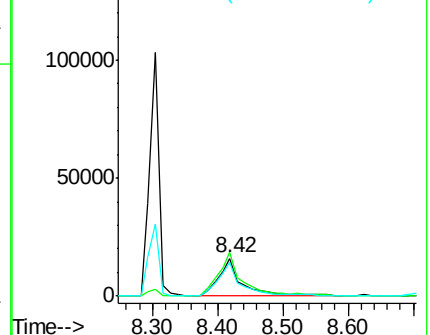
77 90.1 73.7 113.7

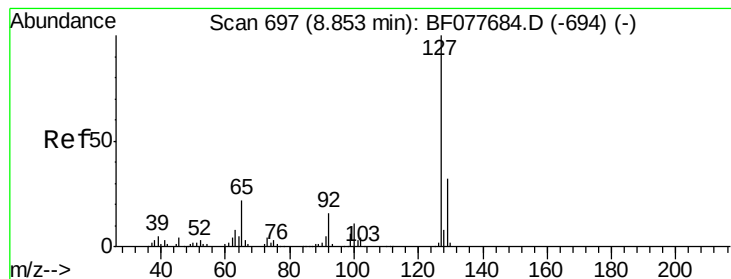


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.94 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

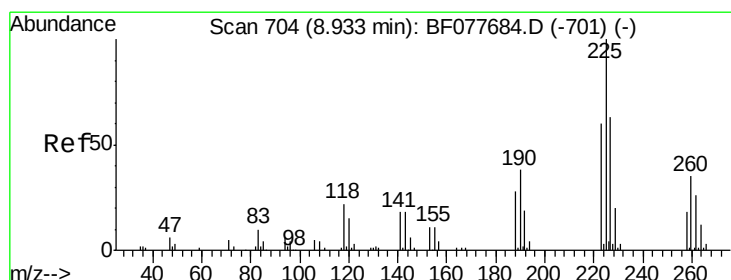
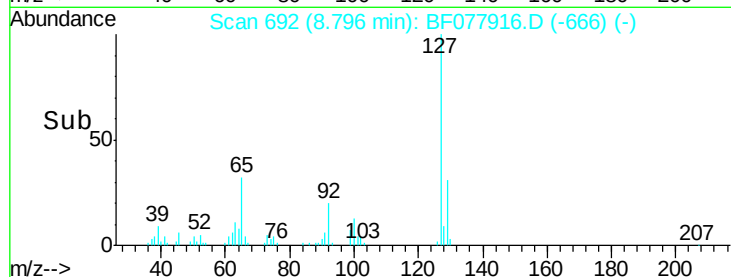
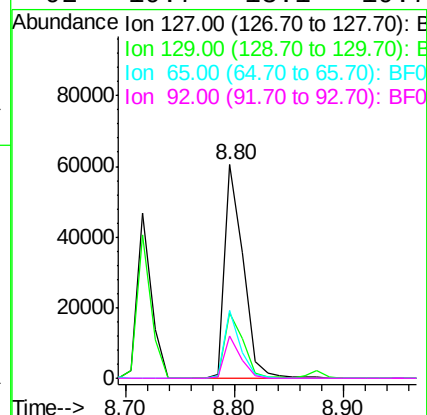
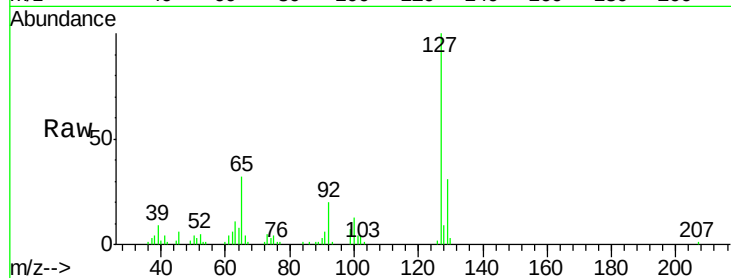
Instrument :

BNA_F

ClientSampleId :

PB82241BSD

Tgt Ion:	127	Resp:	72255
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.3	37.9
65	31.7	17.6	26.4
92	19.7	13.1	19.7



#34

Hexachlorobutadiene

Concen: 38.86 ng

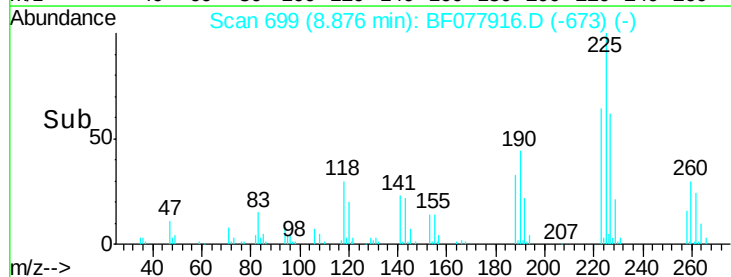
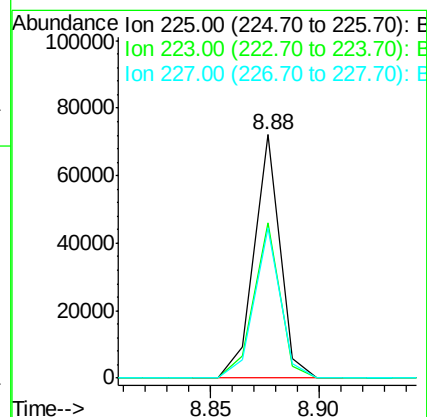
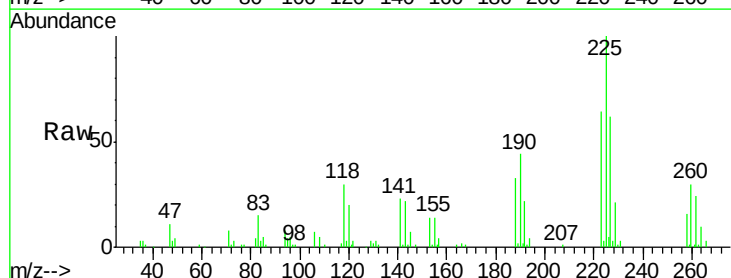
RT: 8.88 min Scan# 699

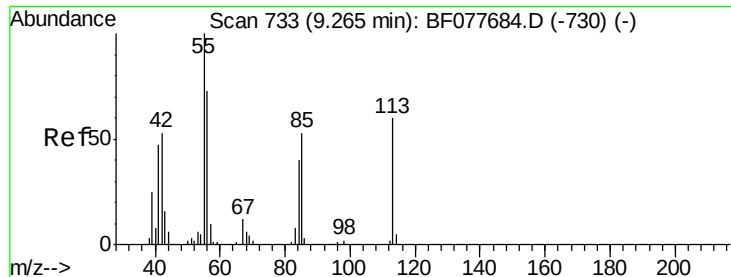
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	225	Resp:	59873
Ion	Ratio	Lower	Upper
225	100		
223	64.0	47.9	71.9
227	61.8	50.1	75.1

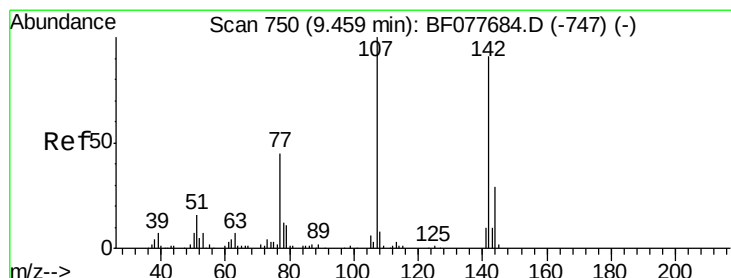
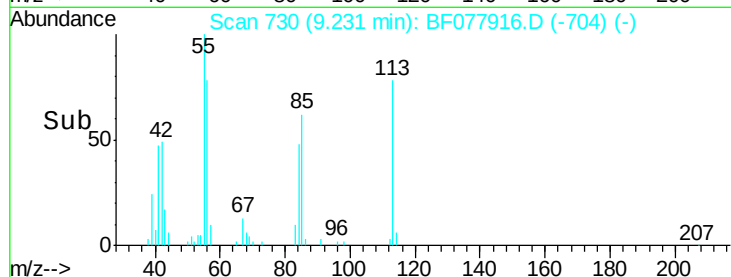
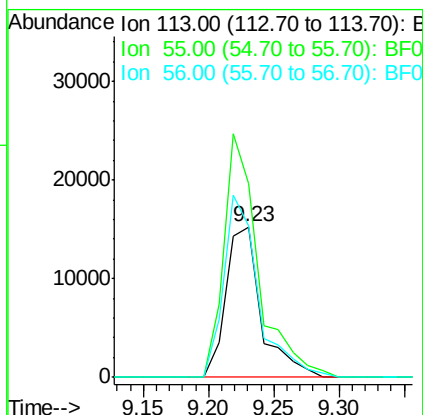
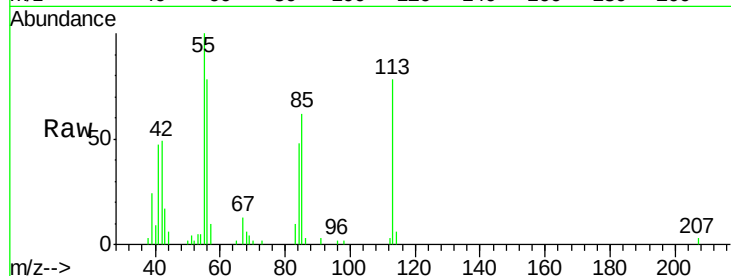




#35
 Caprolactam
 Concen: 40.46 ng
 RT: 9.23 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

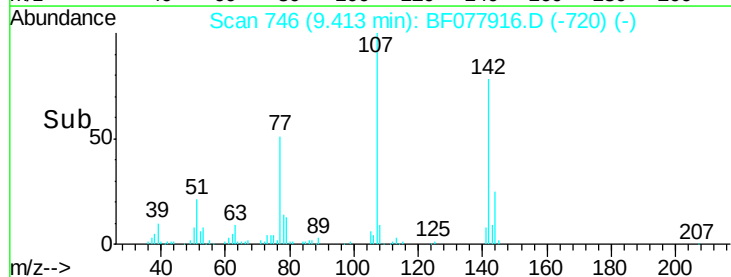
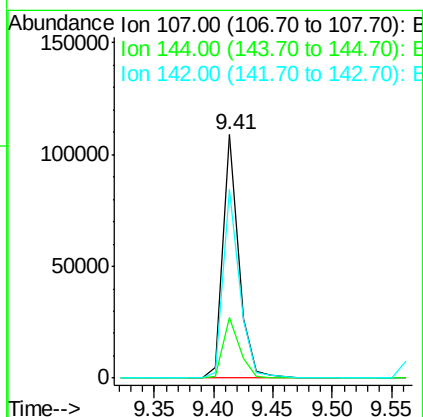
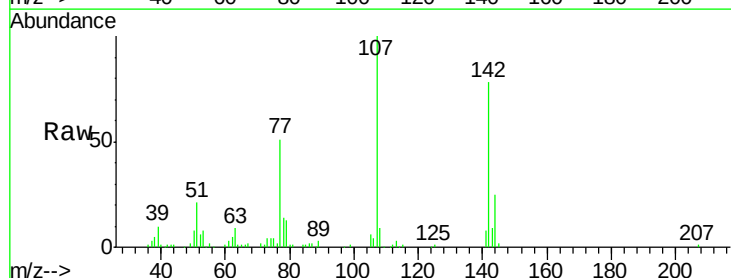
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

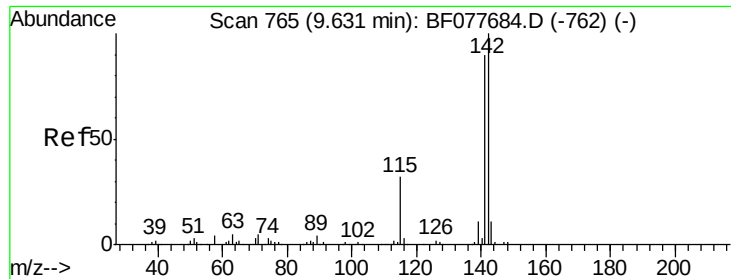
Tgt Ion:113 Resp: 28730
 Ion Ratio Lower Upper
 113 100
 55 129.0 145.9 185.9#
 56 100.2 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 41.02 ng
 RT: 9.41 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:107 Resp: 100289
 Ion Ratio Lower Upper
 107 100
 144 24.7 23.3 34.9
 142 77.7 72.6 109.0





#37

2-Methylnaphthalene

Concen: 38.62 ng

RT: 9.57 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

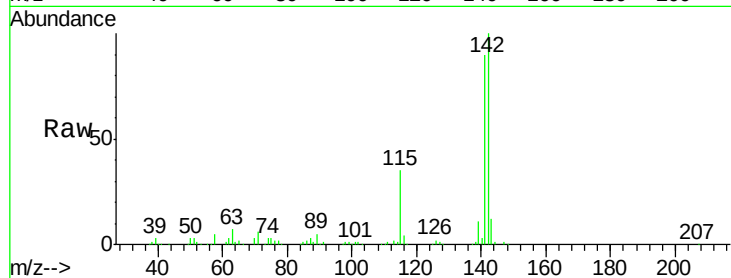
Tgt Ion:142 Resp: 231707

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

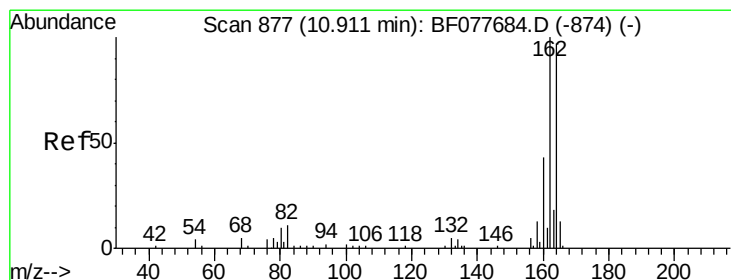
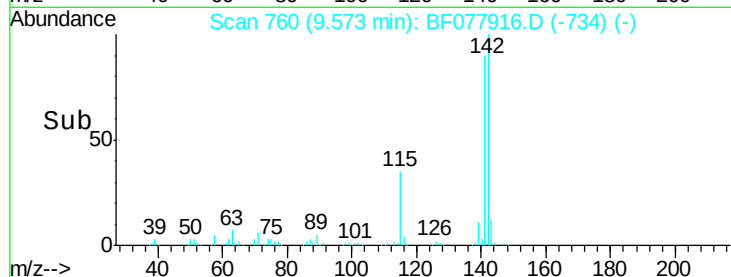
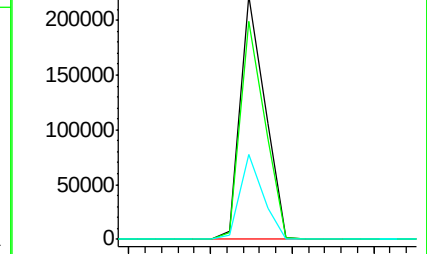
115 34.9 25.4 38.0



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: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

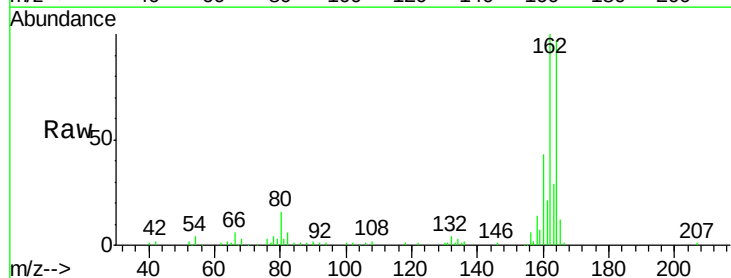
Tgt Ion:164 Resp: 85550

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

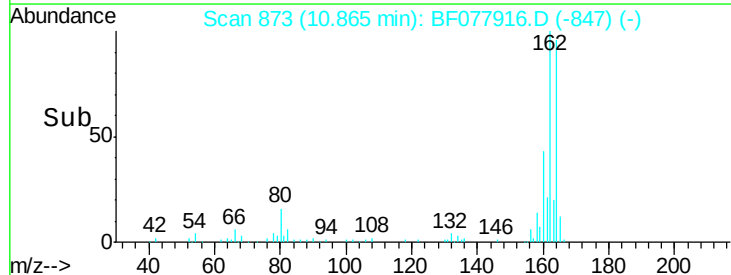
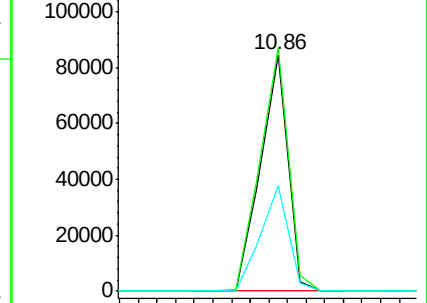
160 44.6 35.8 53.6

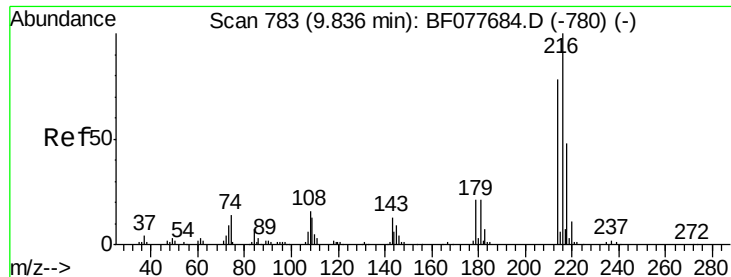


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.03 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

Tgt Ion:216 Resp: 99586

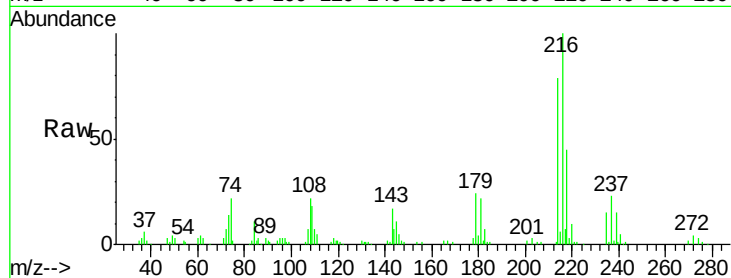
Ion Ratio Lower Upper

216 100

214 77.6 0.0 0.0#

179 21.9 0.0 0.0#

108 22.1 0.0 0.0#

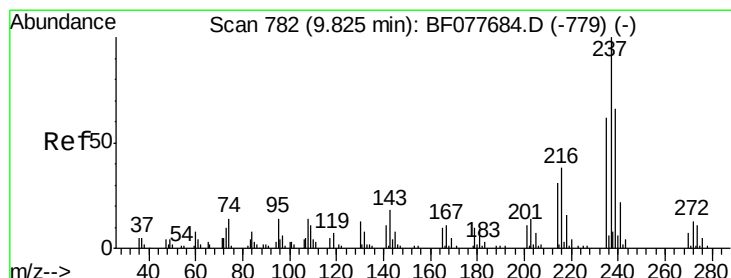
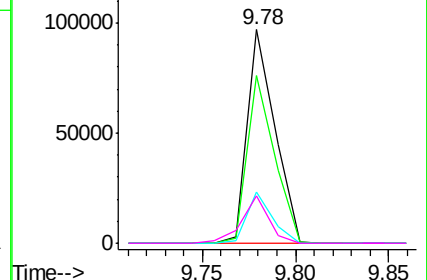
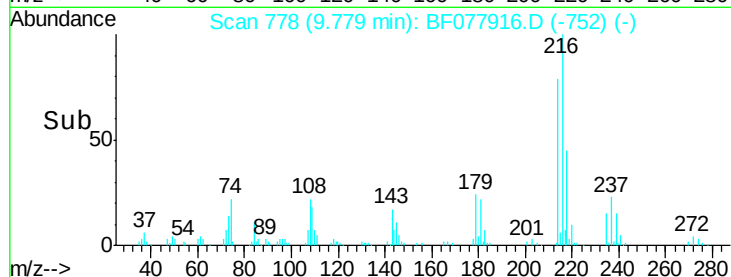


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.32 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

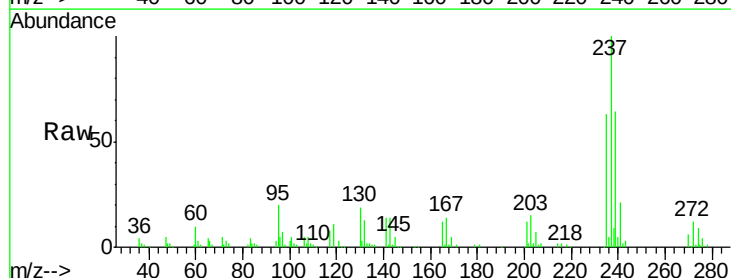
Tgt Ion:237 Resp: 101282

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

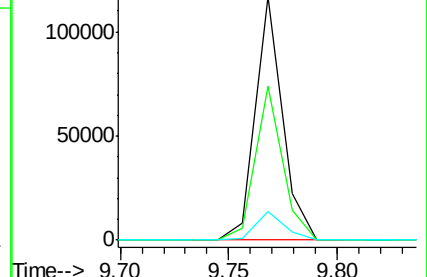
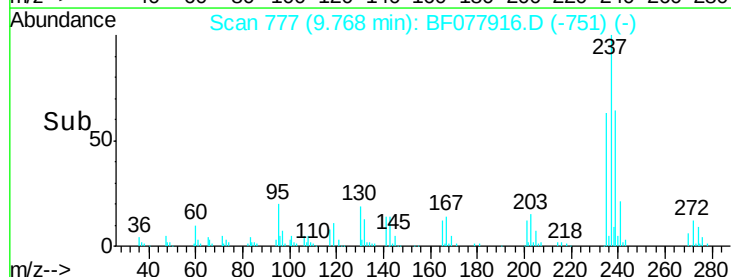
272 11.5 0.0 33.4

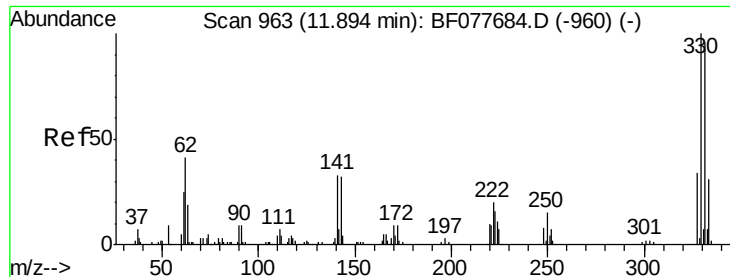


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

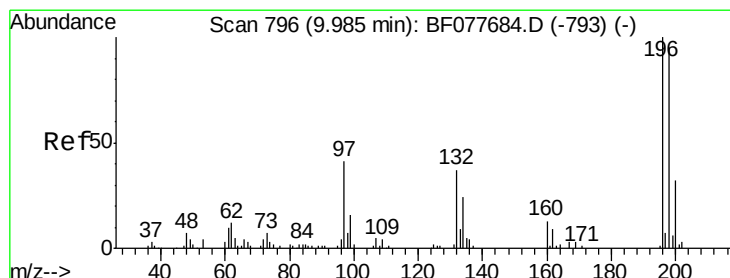
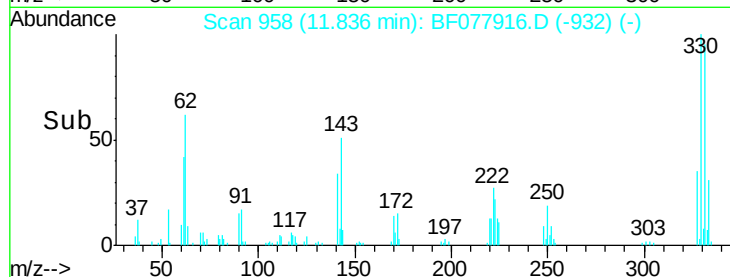
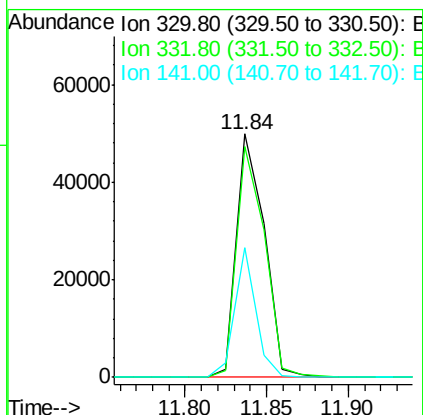
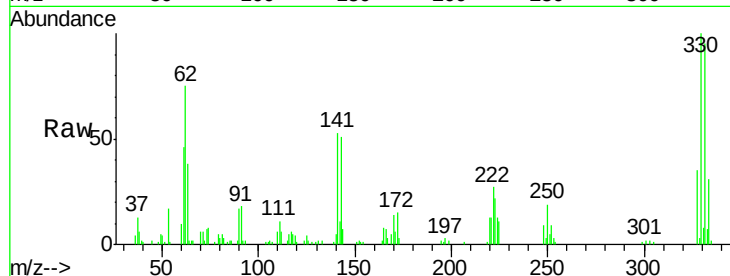




#41
 2,4,6-Tribromophenol
 Concen: 71.62 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

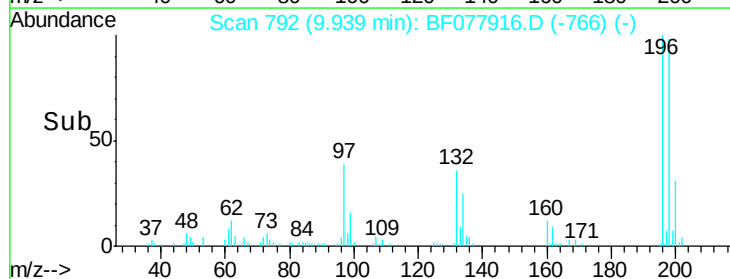
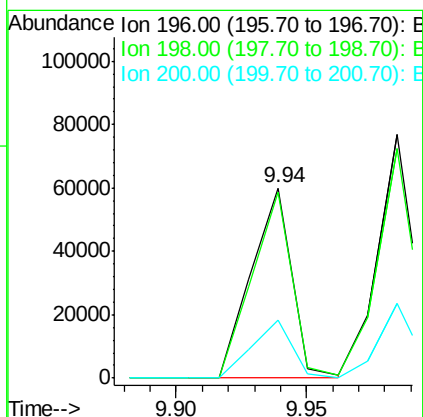
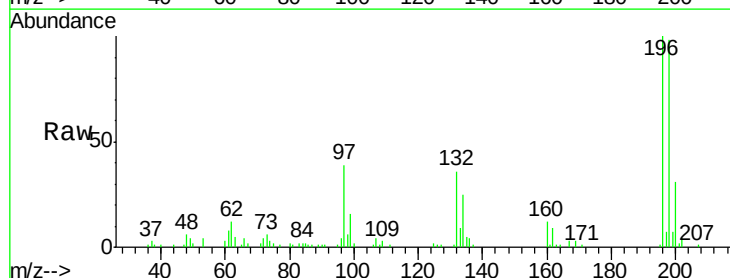
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

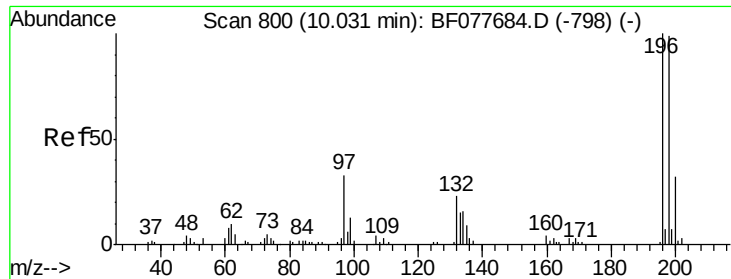
Tgt Ion:330 Resp: 58623
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 40.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.94 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:196 Resp: 65287
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.3 114.5
 200 30.8 25.6 38.4

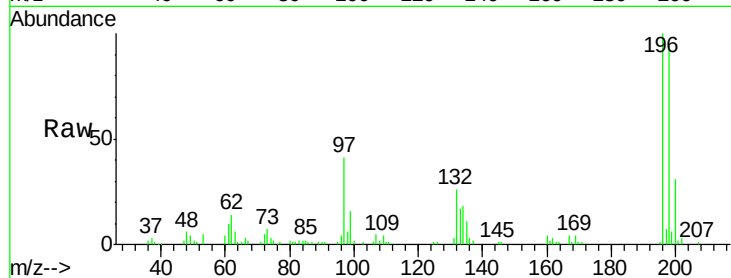




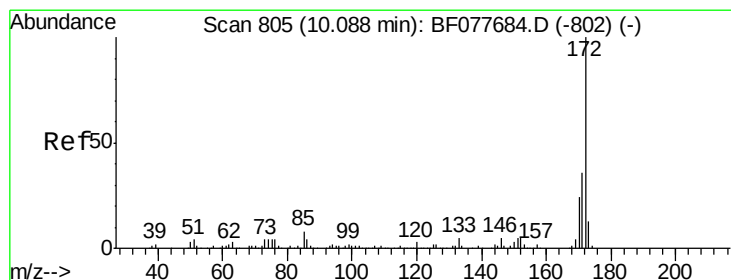
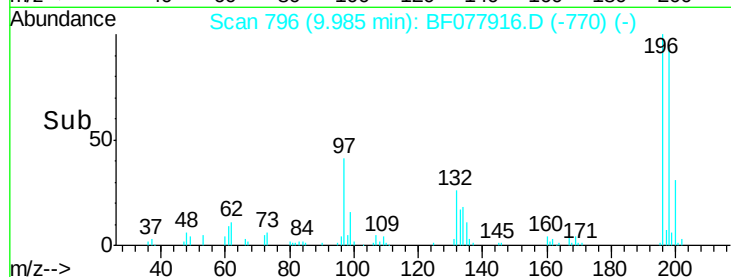
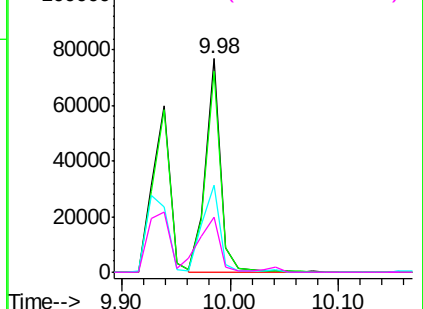
#43
 2,4,5-Trichlorophenol
 Concen: 39.30 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	79.4	119.0
97	41.0	26.8	40.2
132	25.6	18.6	28.0

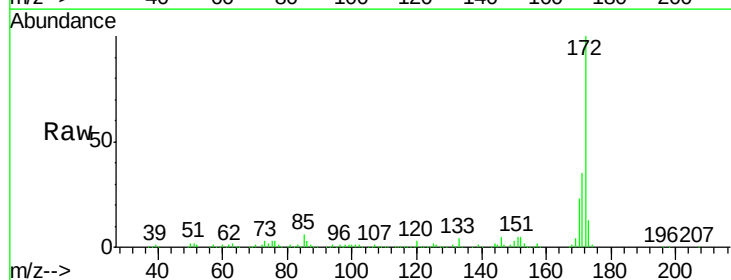


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

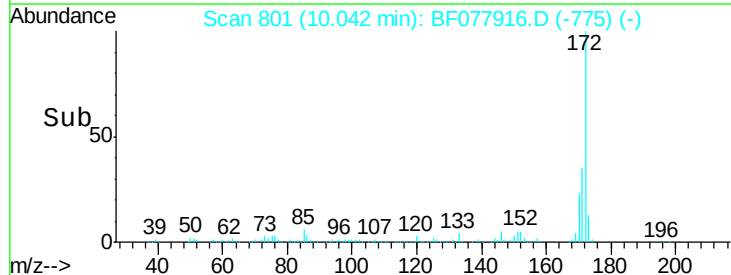
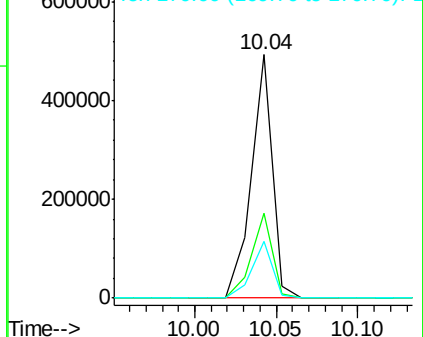


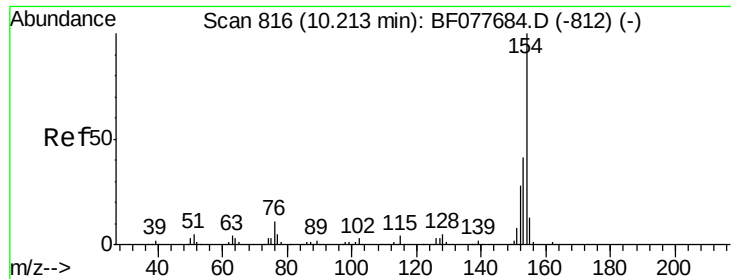
#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.2	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

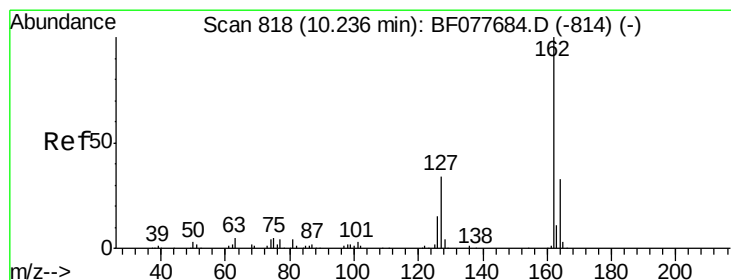
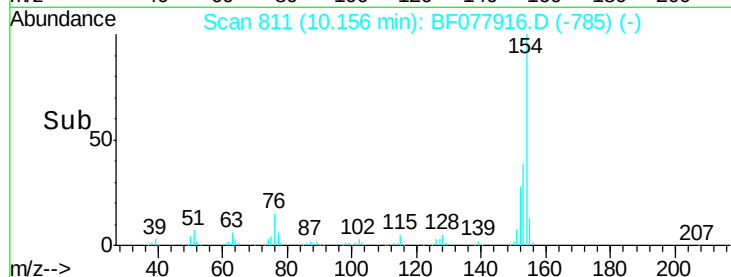
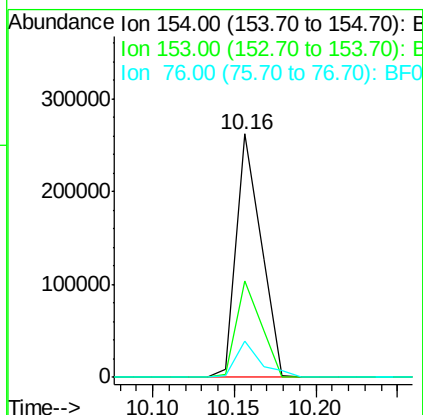
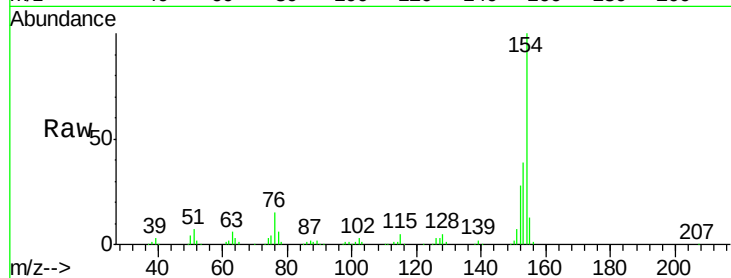




#45
 1,1'-Biphenyl
 Concen: 40.08 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

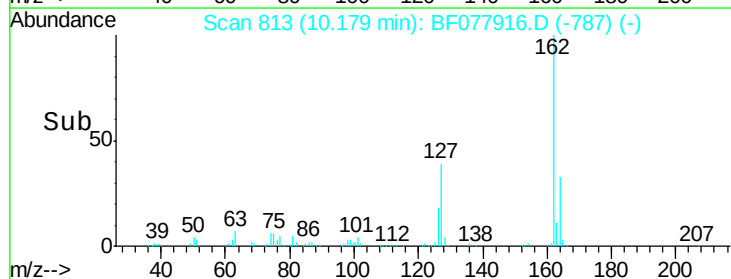
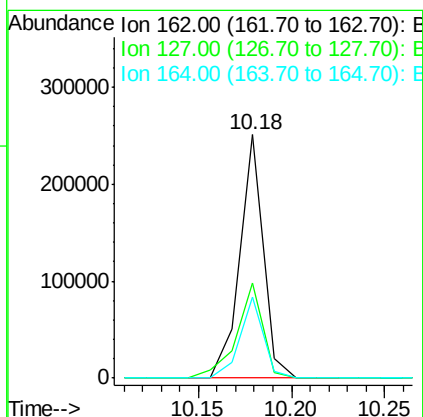
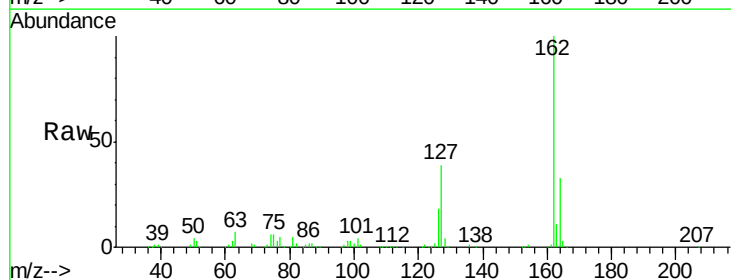
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

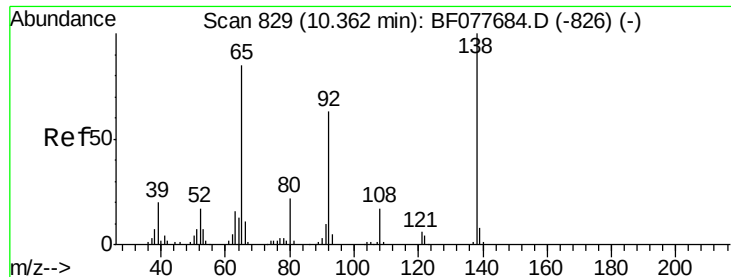
Tgt Ion:154 Resp: 274117
 Ion Ratio Lower Upper
 154 100
 153 39.5 20.7 60.7
 76 14.7 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 39.81 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:162 Resp: 221239
 Ion Ratio Lower Upper
 162 100
 127 38.9 26.9 40.3
 164 33.5 26.8 40.2

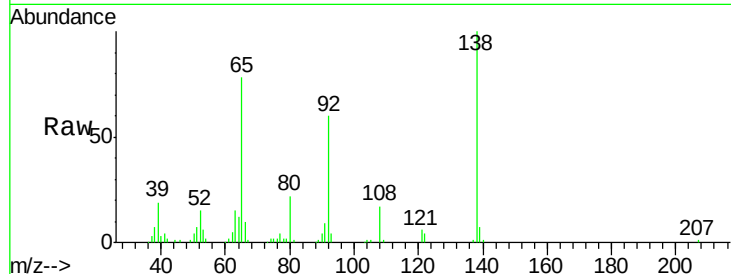




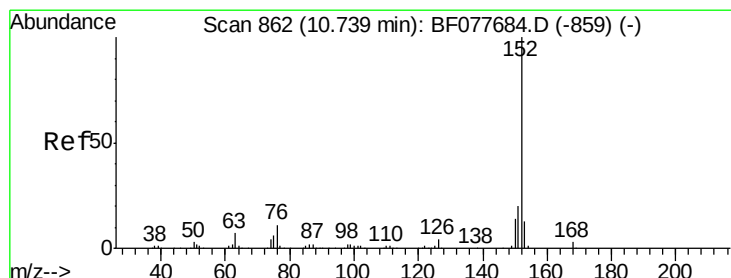
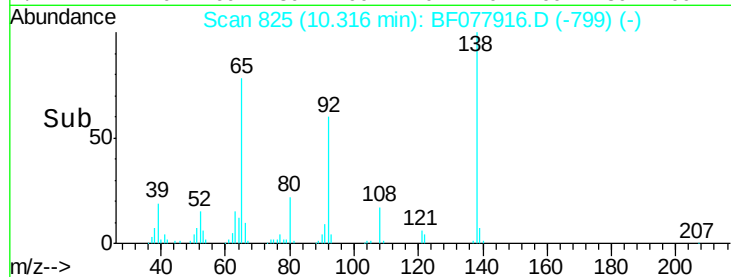
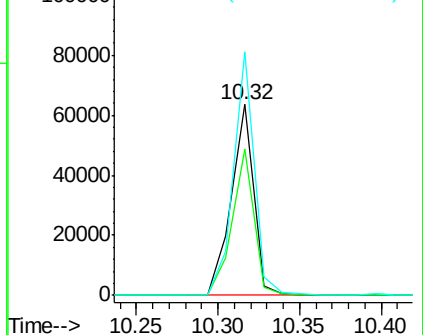
#47
2-Nitroaniline
Concen: 43.48 ng
RT: 10.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion: 65 Resp: 60012
Ion Ratio Lower Upper
65 100
92 76.8 59.1 88.7
138 127.5 93.9 140.9

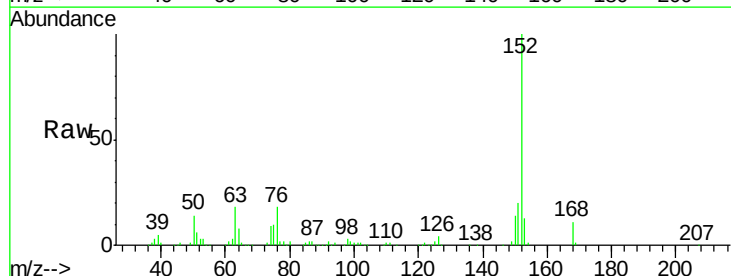


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

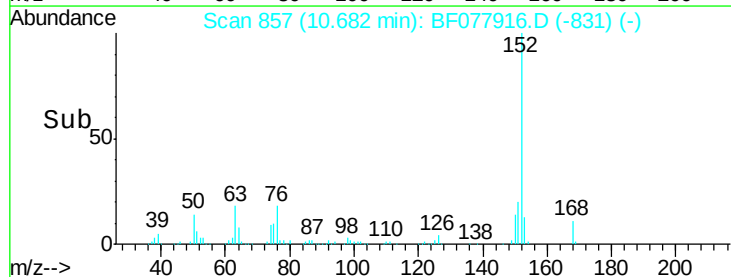
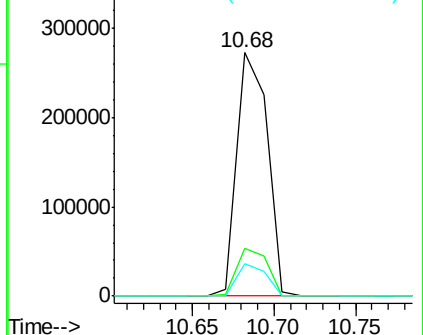


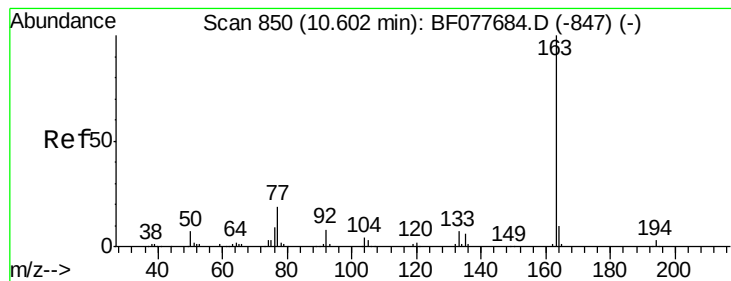
#48
Acenaphthylene
Concen: 37.92 ng
RT: 10.68 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion: 152 Resp: 350494
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.84 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

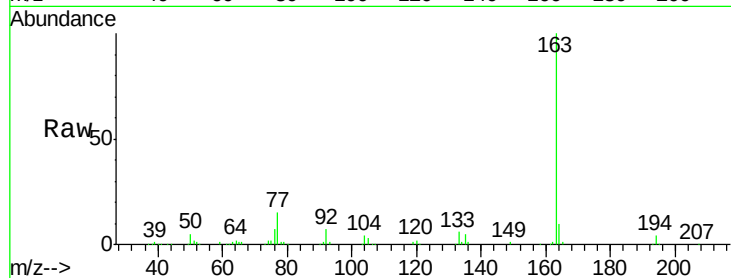
Tgt Ion:163 Resp: 265493

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

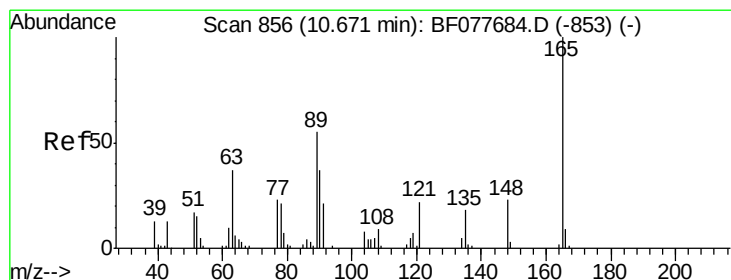
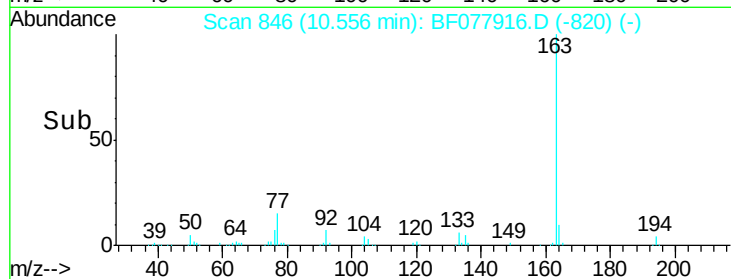
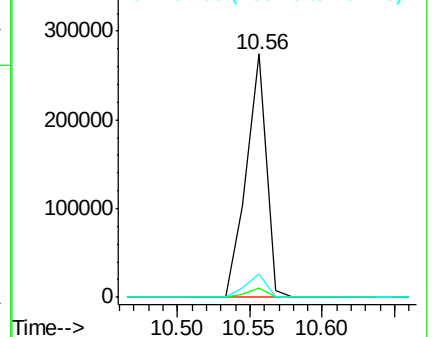
164 9.7 8.2 12.2



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: 44.49 ng

RT: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

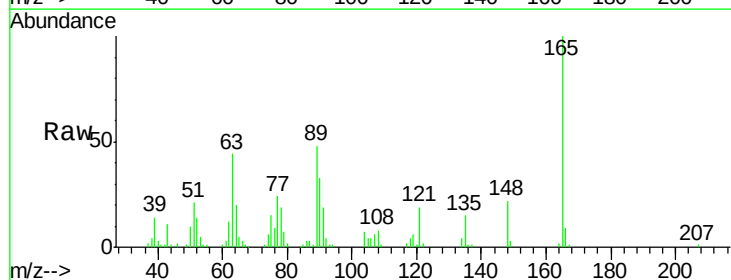
Tgt Ion:165 Resp: 58520

Ion Ratio Lower Upper

165 100

63 44.3 44.1 66.1

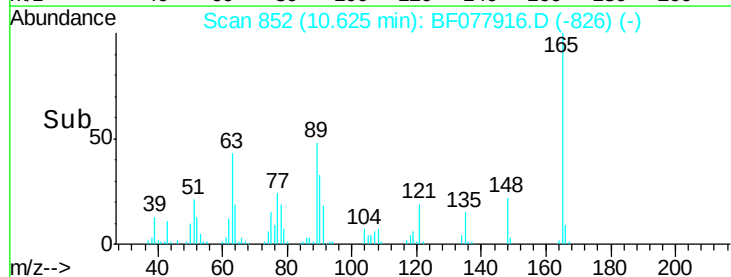
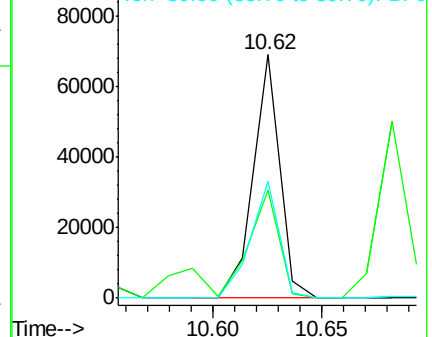
89 48.0 44.3 66.5

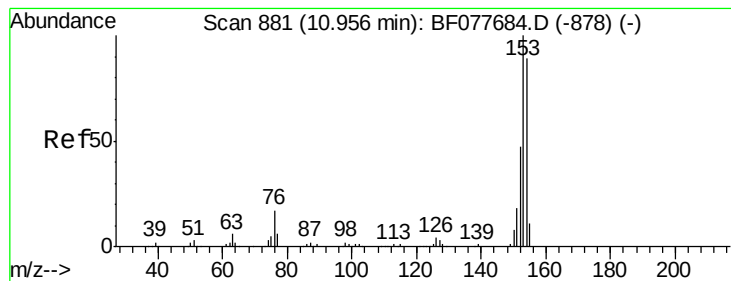


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.18 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

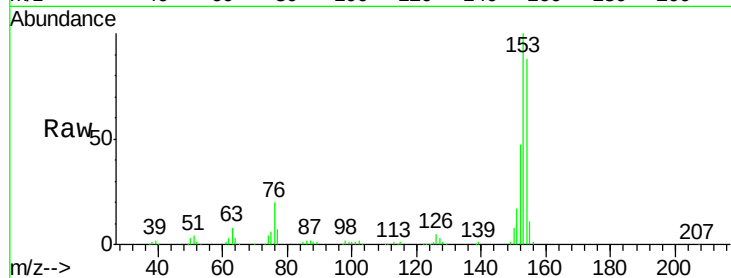
Tgt Ion:154 Resp: 197030

Ion Ratio Lower Upper

154 100

153 114.0 90.0 135.0

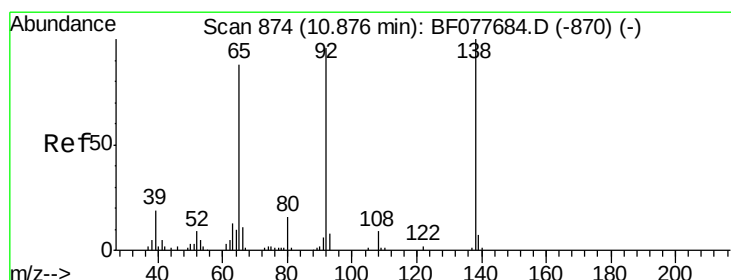
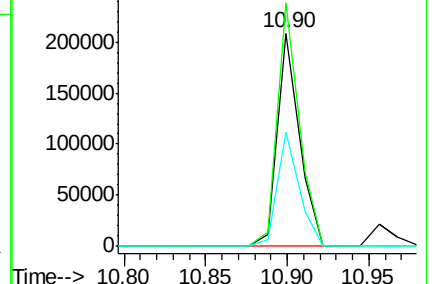
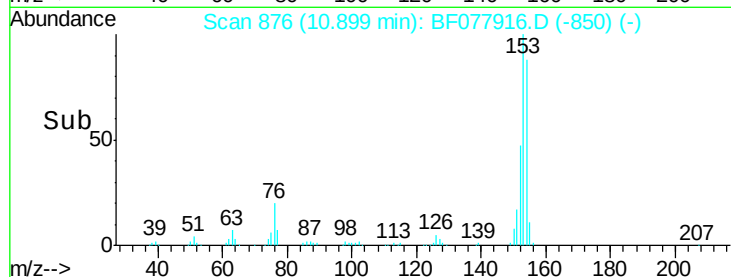
152 53.4 42.6 63.8



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: 25.94 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

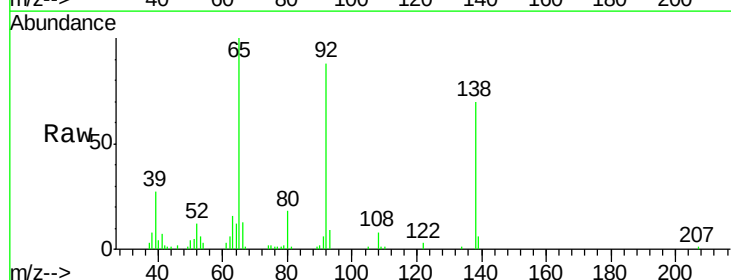
Tgt Ion:138 Resp: 39629

Ion Ratio Lower Upper

138 100

108 11.1 7.3 10.9#

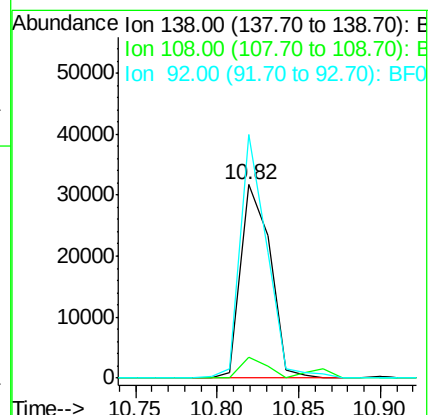
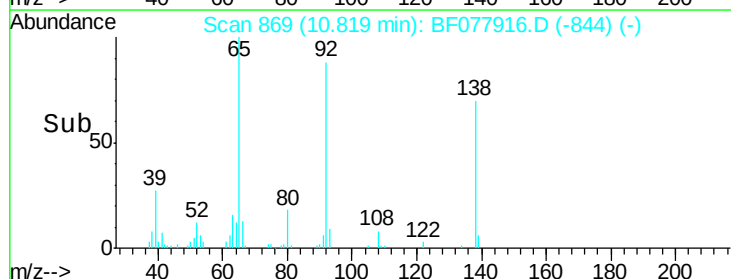
92 125.8 76.6 114.8#

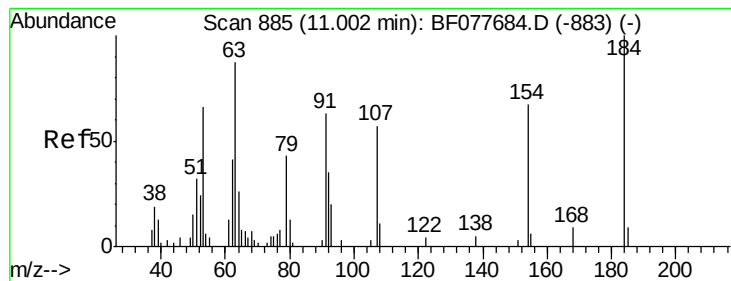


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.18 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

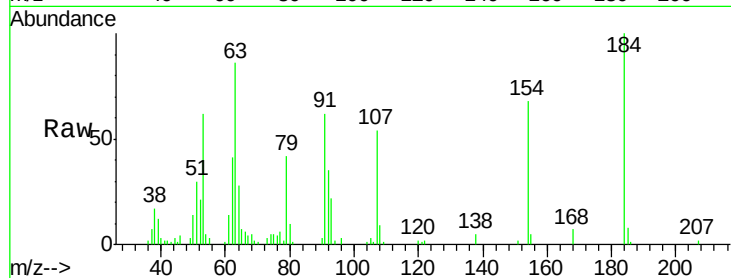
Tgt Ion:184 Resp: 38752

Ion Ratio Lower Upper

184 100

63 86.5 69.2 103.8

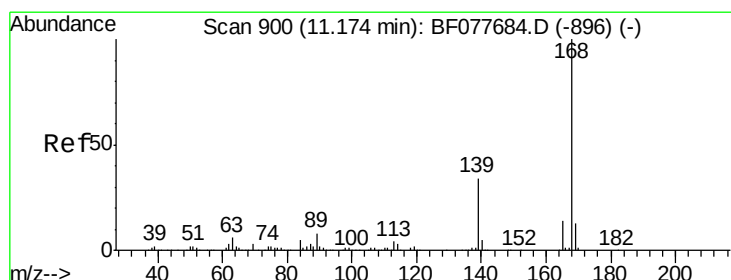
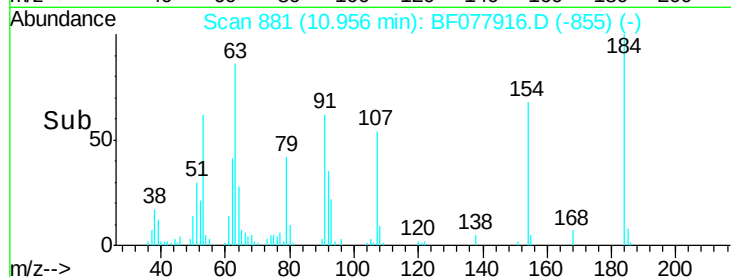
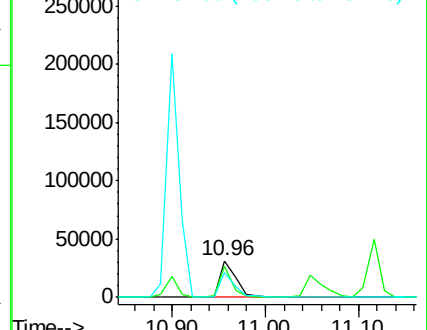
154 68.3 53.3 79.9



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: 40.14 ng

RT: 11.12 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

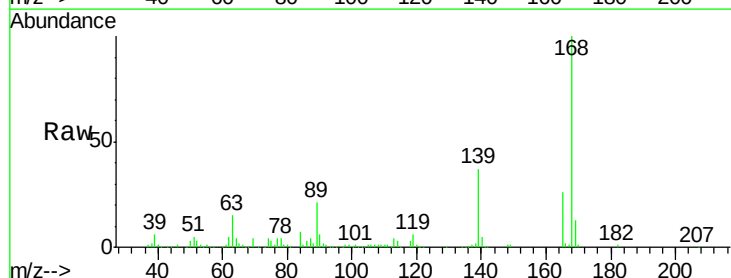
Tgt Ion:168 Resp: 315475

Ion Ratio Lower Upper

168 100

139 37.5 27.3 40.9

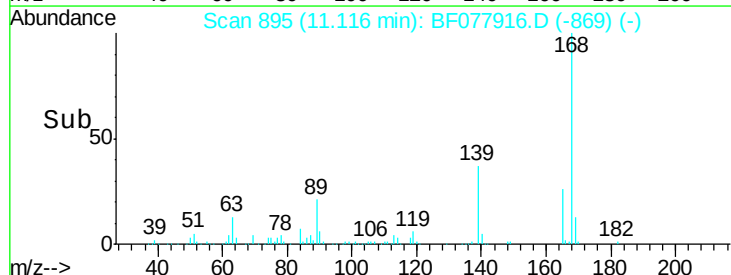
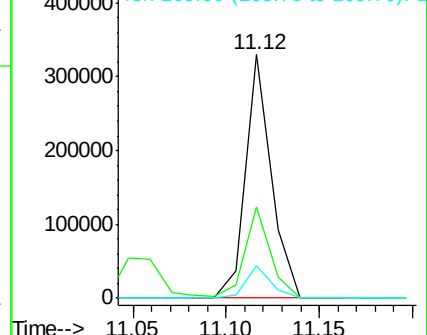
169 13.3 10.6 16.0

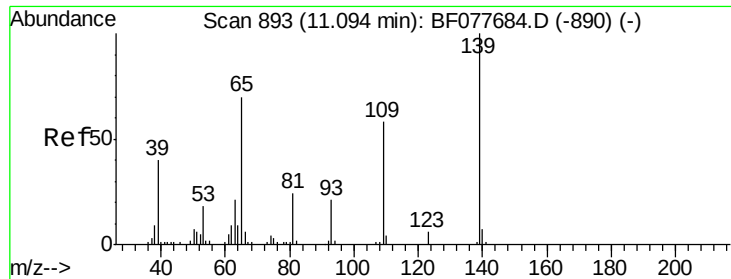


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

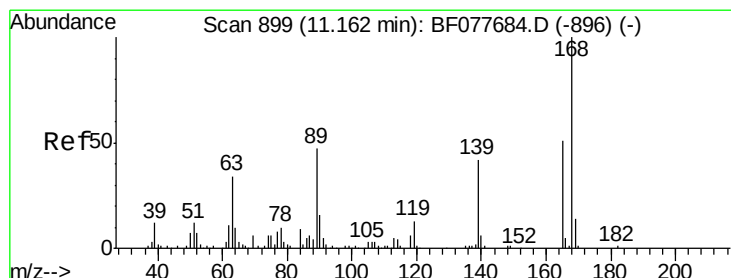
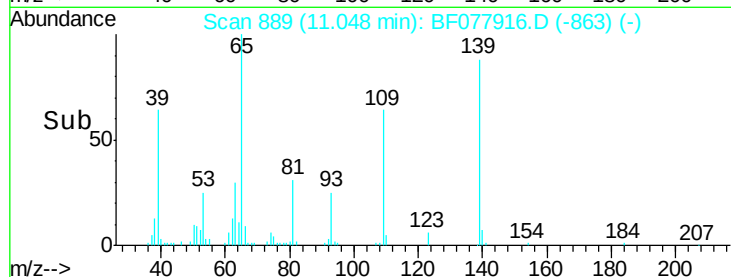
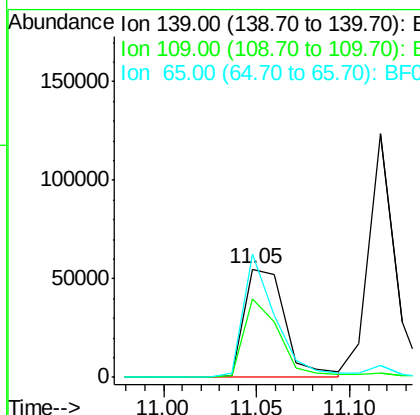
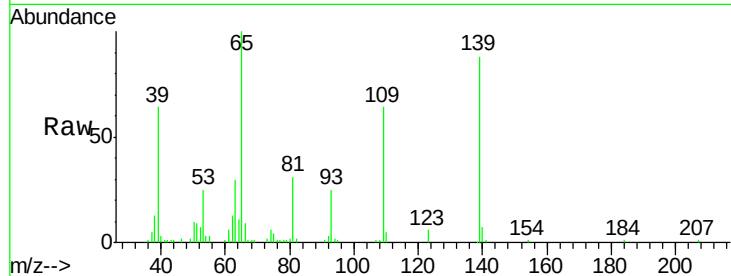




#55
 4-Nitrophenol
 Concen: 73.69 ng
 RT: 11.05 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

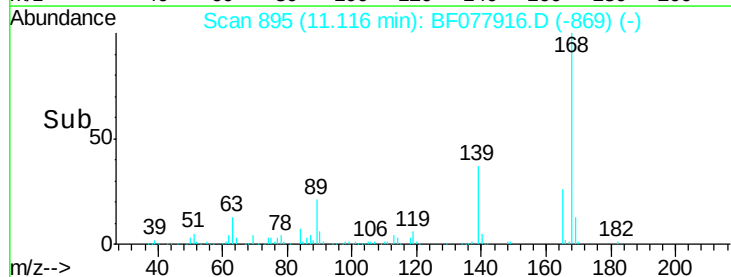
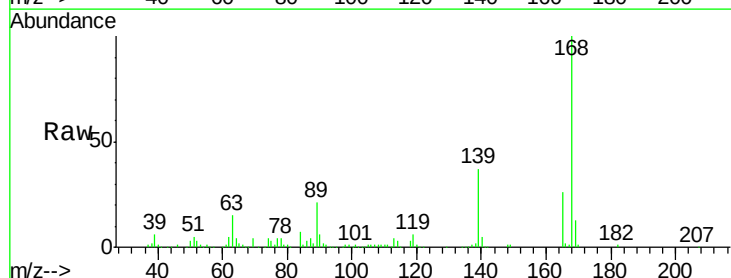
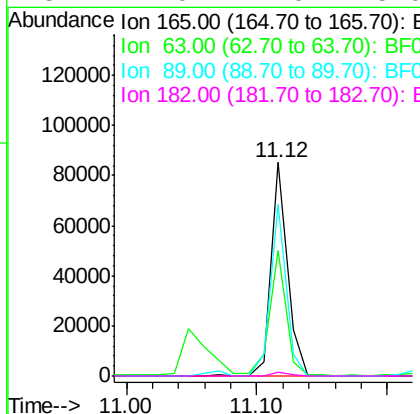
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

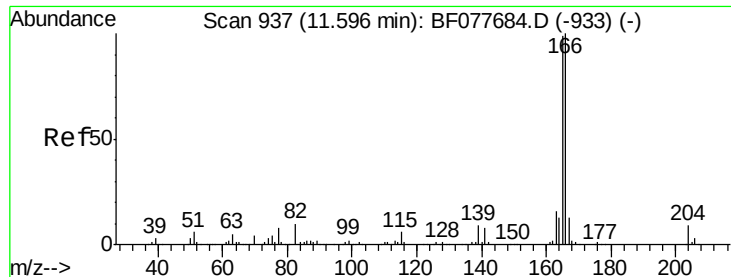
Tgt Ion:139 Resp: 83381
 Ion Ratio Lower Upper
 139 100
 109 72.8 37.7 77.7
 65 113.8 49.9 89.9#



#56
 2,4-Dinitrotoluene
 Concen: 44.06 ng
 RT: 11.12 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:165 Resp: 75569
 Ion Ratio Lower Upper
 165 100
 63 59.0 52.4 78.6
 89 80.3 72.4 108.6
 182 2.0 2.0 3.0

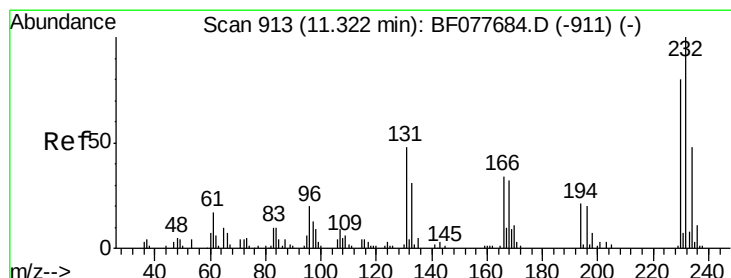
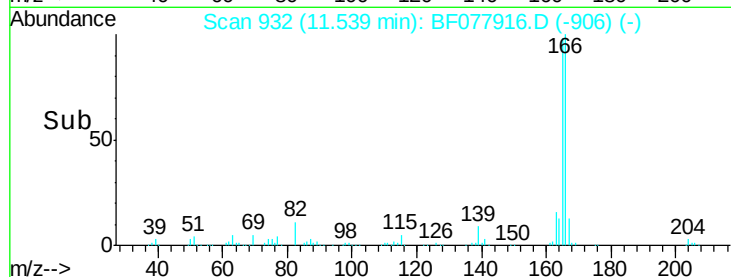
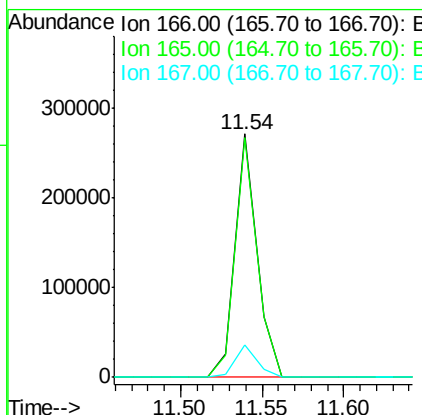
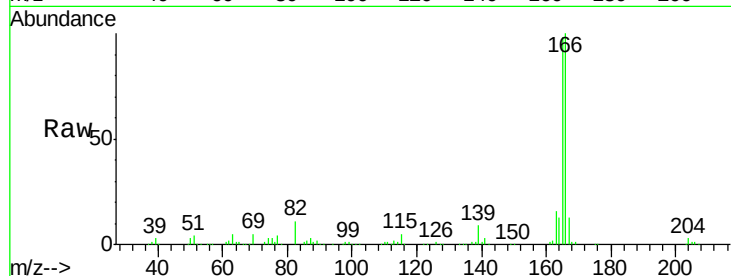




#57
 Fluorene
 Concen: 38.65 ng
 RT: 11.54 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

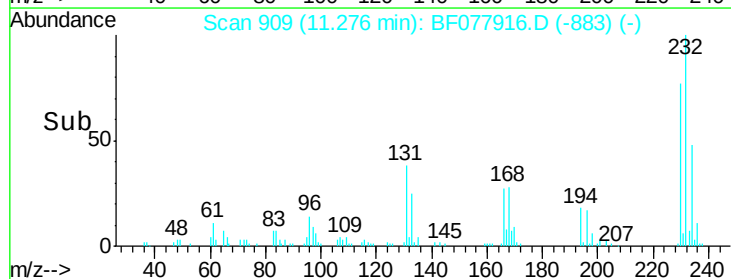
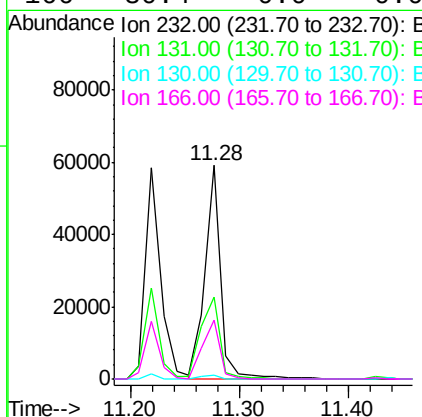
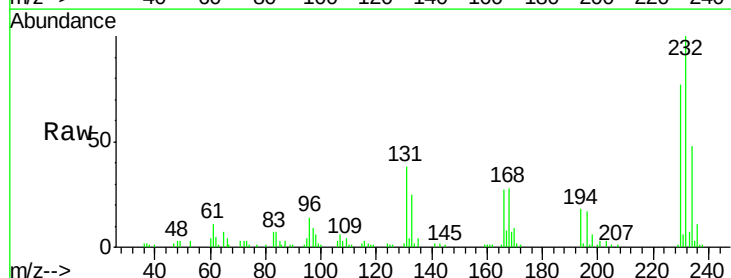
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

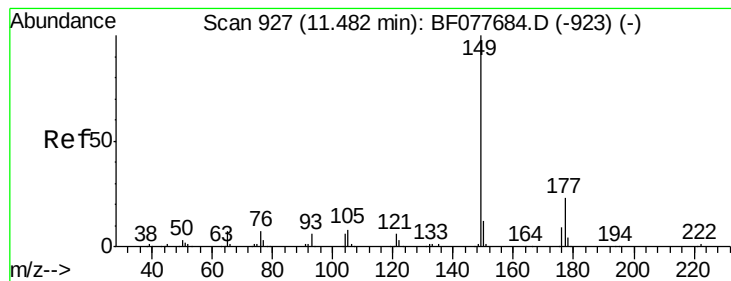
Tgt Ion:166 Resp: 252239
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.0 118.4
 167 13.2 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.05 ng
 RT: 11.28 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:232 Resp: 60352
 Ion Ratio Lower Upper
 232 100
 131 45.6 0.0 0.0#
 130 2.2 0.0 0.0#
 166 30.4 0.0 0.0#





#59

Diethylphthalate

Concen: 40.21 ng

RT: 11.43 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

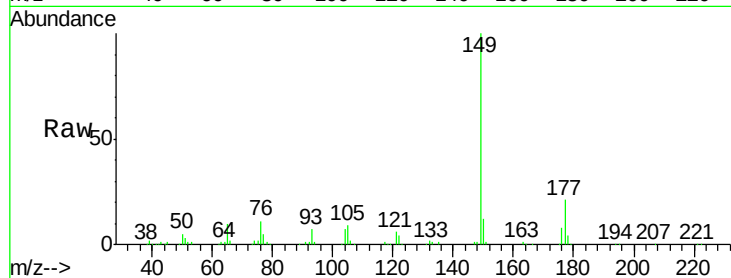
Tgt Ion:149 Resp: 248583

Ion Ratio Lower Upper

149 100

177 20.6 18.3 27.5

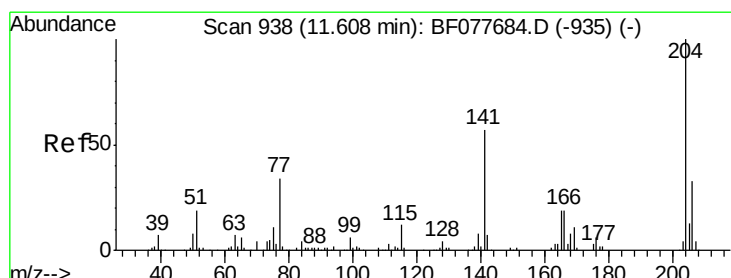
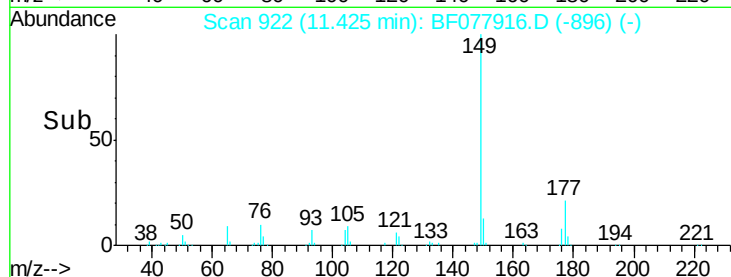
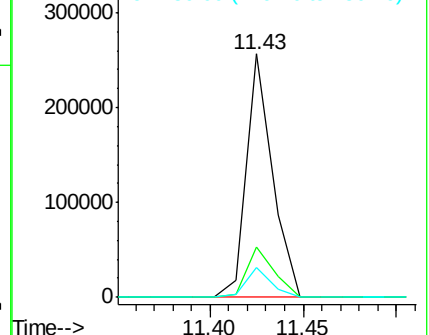
150 12.5 9.8 14.8



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: 39.39 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

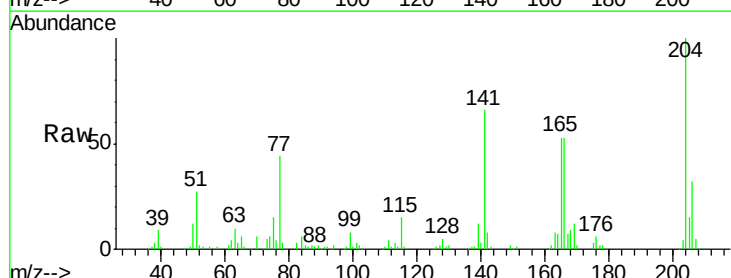
Tgt Ion:204 Resp: 117323

Ion Ratio Lower Upper

204 100

206 31.7 26.6 39.8

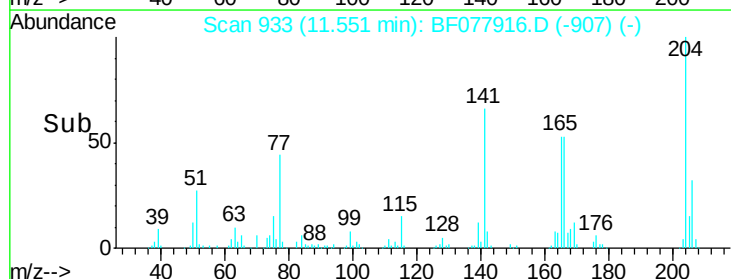
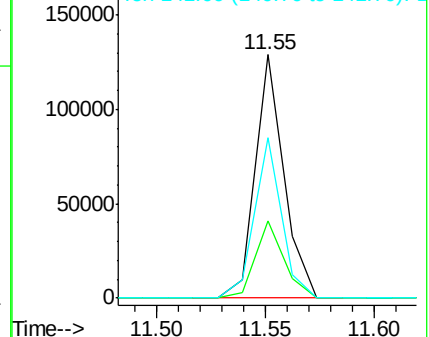
141 65.9 45.2 67.8

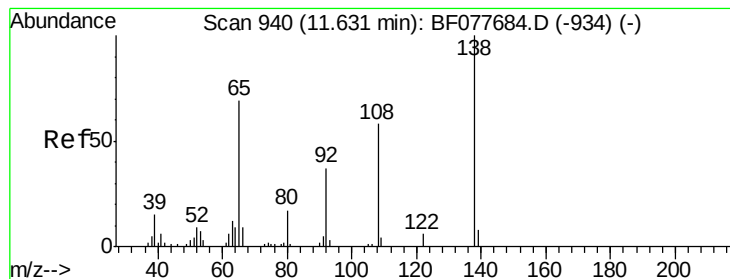


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.95 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

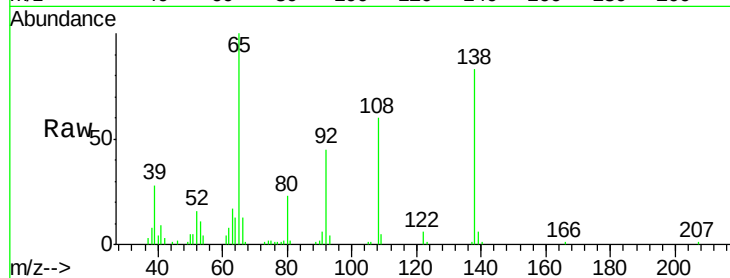
Tgt Ion:138 Resp: 57775

Ion Ratio Lower Upper

138 100

92 54.9 16.7 56.7

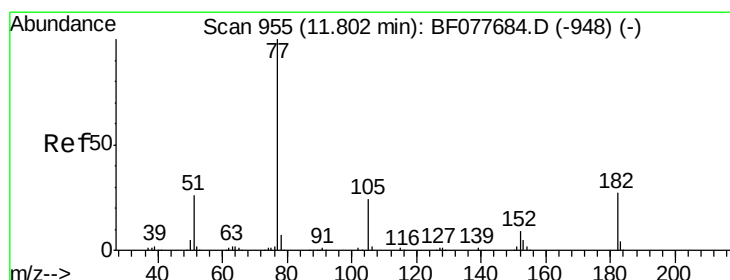
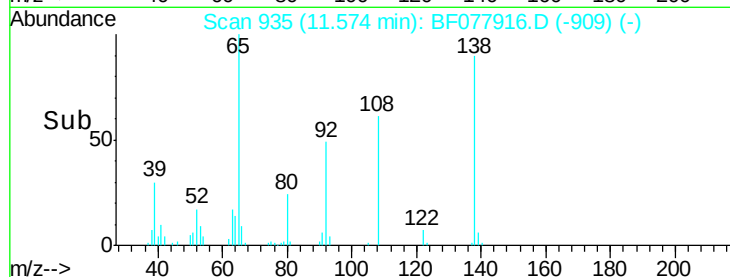
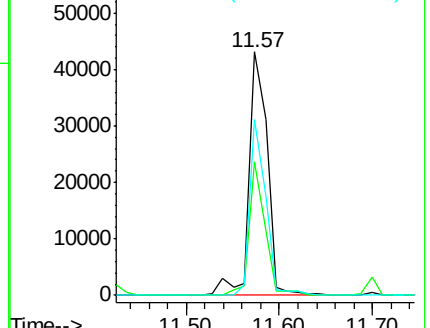
108 72.0 37.6 77.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.57 ng

RT: 11.75 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion: 77 Resp: 239736

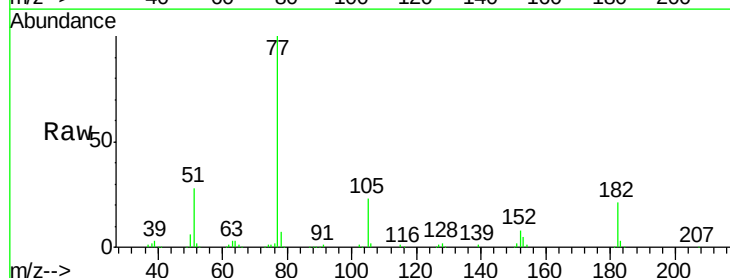
Ion Ratio Lower Upper

77 100

182 21.4 6.5 46.5

105 22.6 3.8 43.8

51 27.8 5.5 45.5

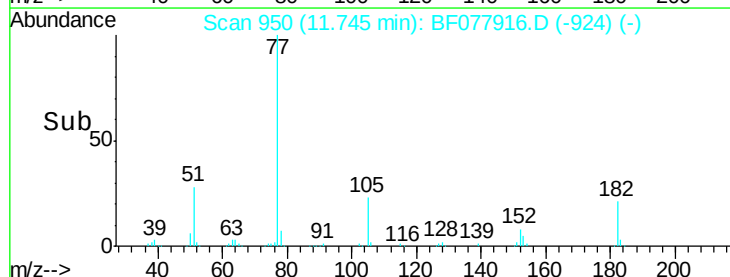
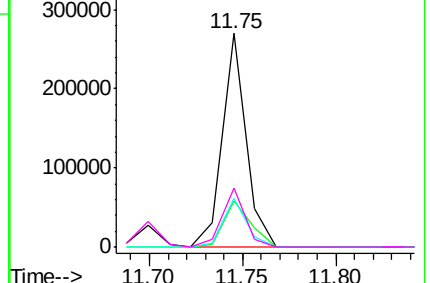


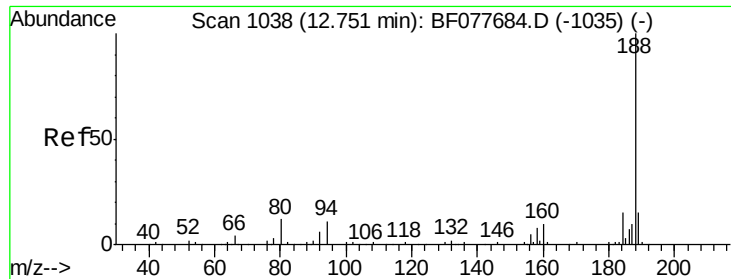
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

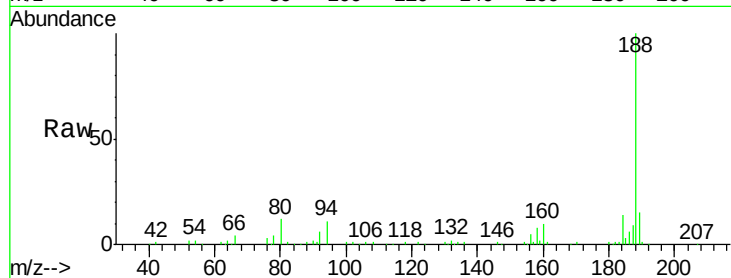




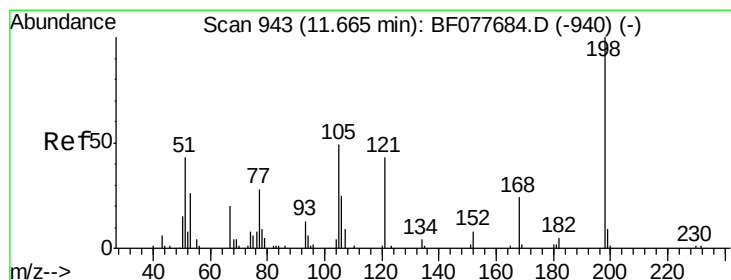
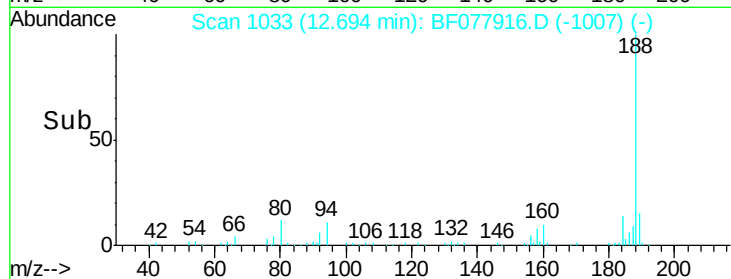
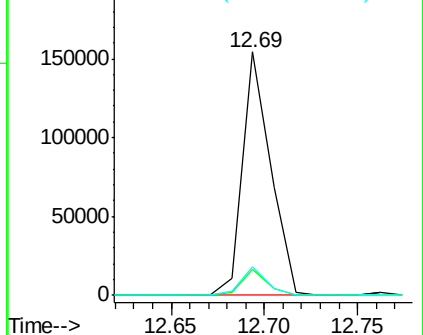
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion:188 Resp: 161126
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.7 13.1
 80 11.7 9.3 13.9

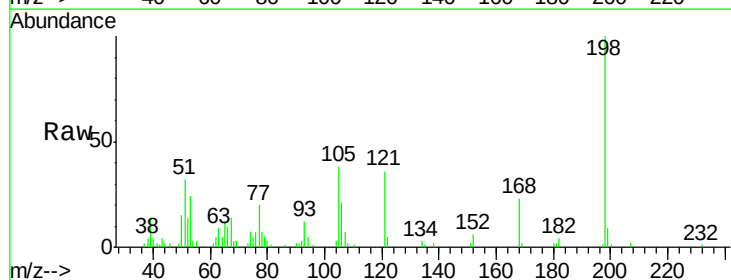


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

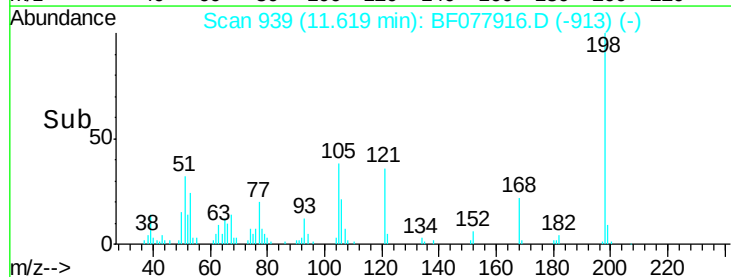
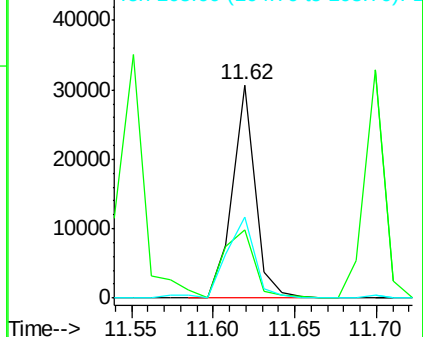


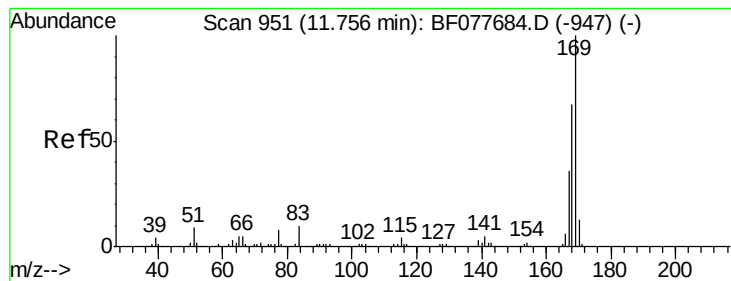
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.69 ng
 RT: 11.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:198 Resp: 29570
 Ion Ratio Lower Upper
 198 100
 51 31.8 28.8 68.8
 105 38.1 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: 41.14 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

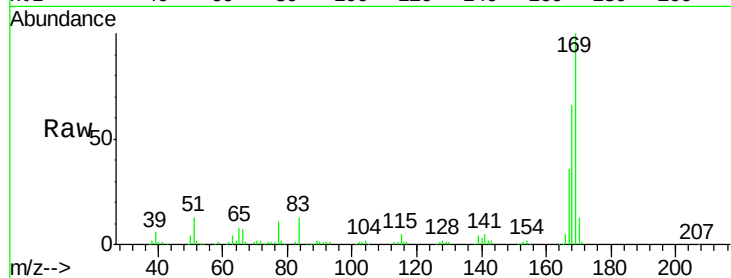
Tgt Ion:169 Resp: 220726

Ion Ratio Lower Upper

169 100

168 66.4 53.9 80.9

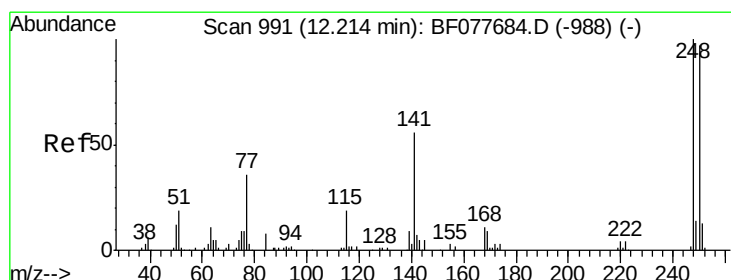
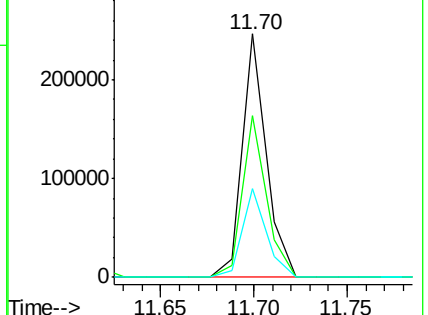
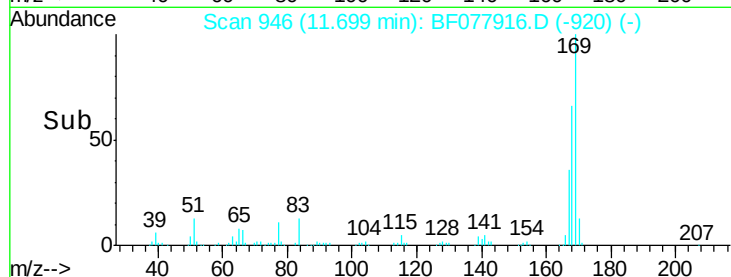
167 36.5 28.9 43.3



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: 41.60 ng

RT: 12.16 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

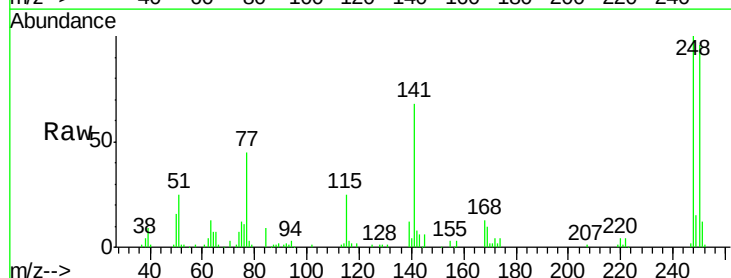
Tgt Ion:248 Resp: 71534

Ion Ratio Lower Upper

248 100

250 95.8 77.4 116.0

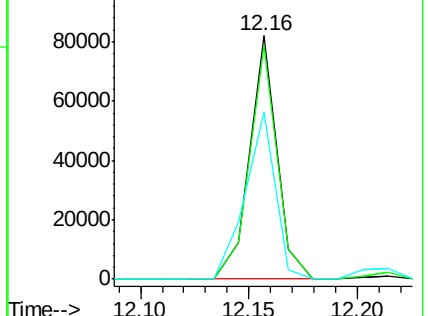
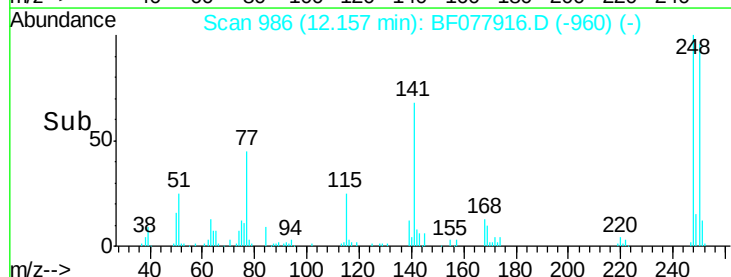
141 68.3 45.2 67.8#

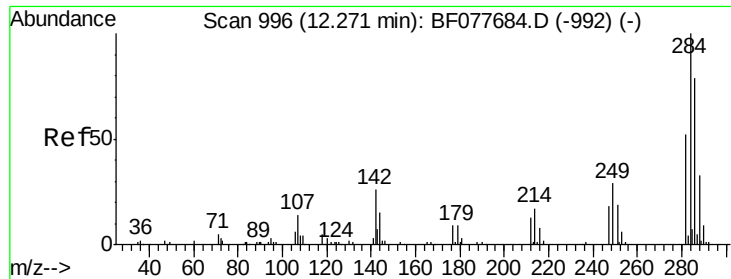


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

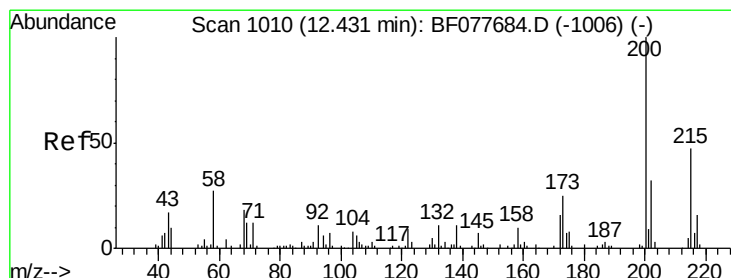
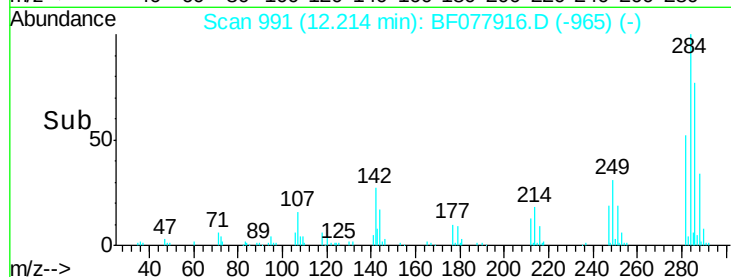
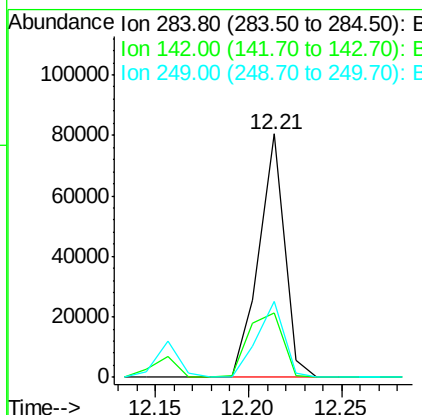
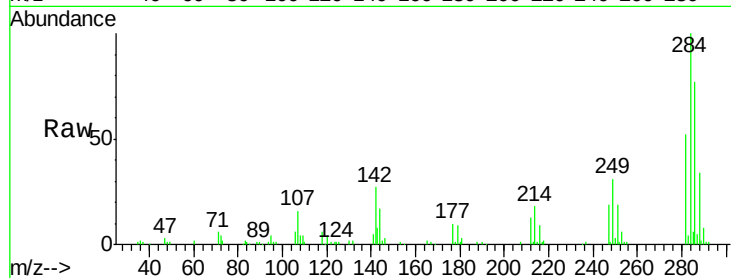




#67
Hexachlorobenzene
Concen: 40.71 ng
RT: 12.21 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

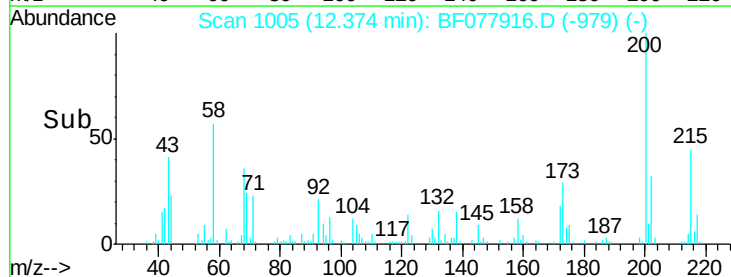
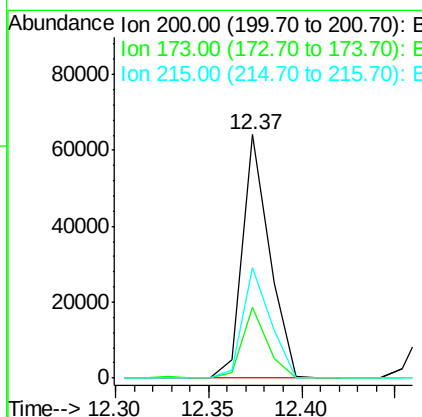
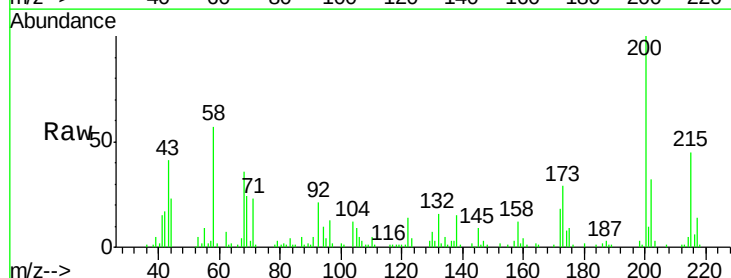
Instrument :
BNA_F
ClientSampleId :
PB82241BSD

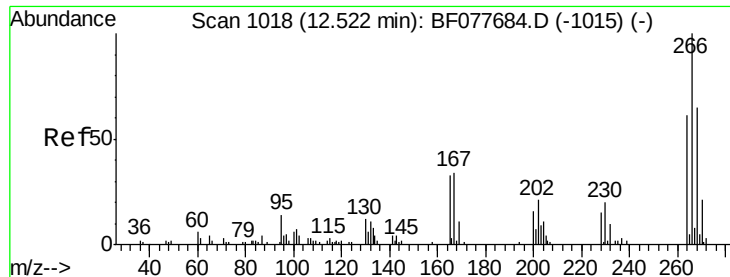
Tgt Ion:284 Resp: 76917
Ion Ratio Lower Upper
284 100
142 26.7 20.4 30.6
249 31.0 23.8 35.6



#68
Atrazine
Concen: 43.08 ng
RT: 12.37 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion:200 Resp: 64766
Ion Ratio Lower Upper
200 100
173 29.0 4.8 44.8
215 45.4 26.9 66.9

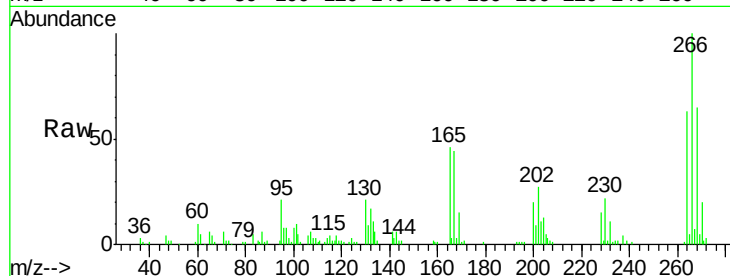




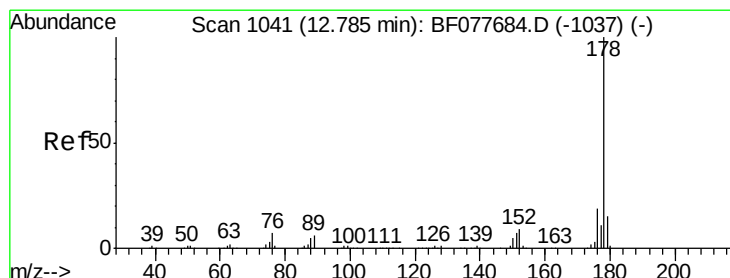
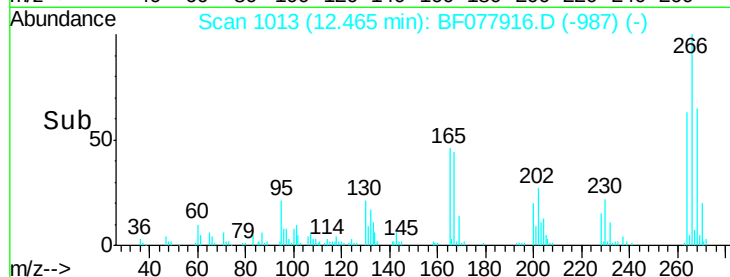
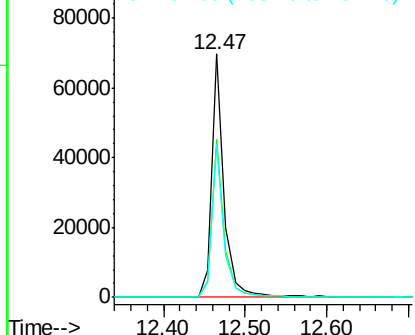
#69
 Pentachlorophenol
 Concen: 75.08 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion:266 Resp: 74106
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.0 78.0
 264 63.0 49.0 73.4

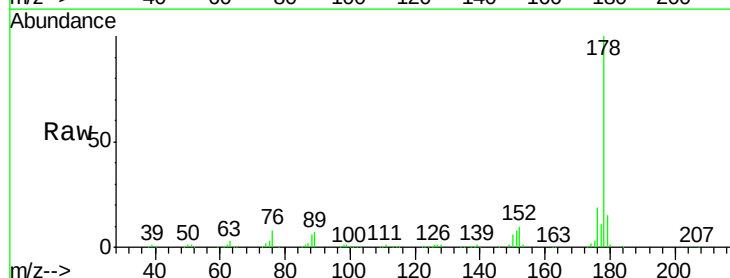


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

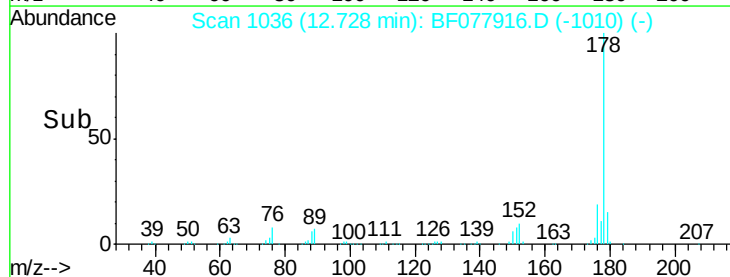
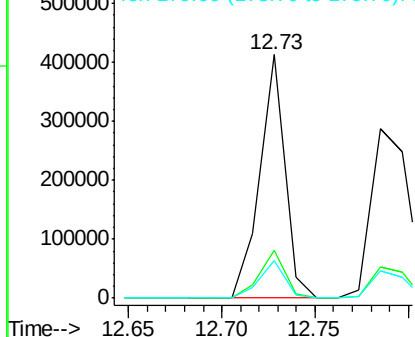


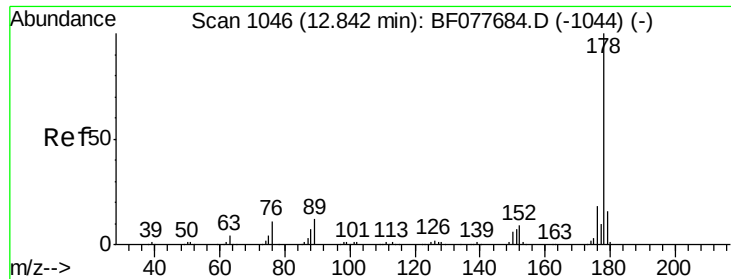
#70
 Phenanthrene
 Concen: 41.48 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:178 Resp: 383655
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.3 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

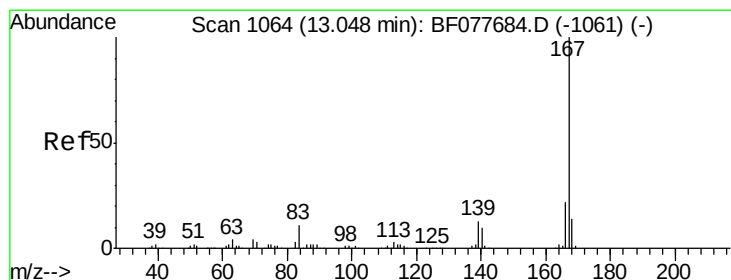
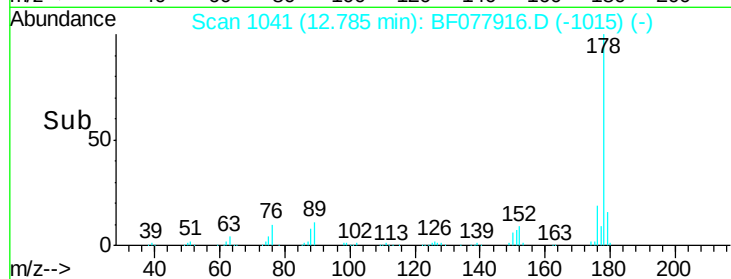
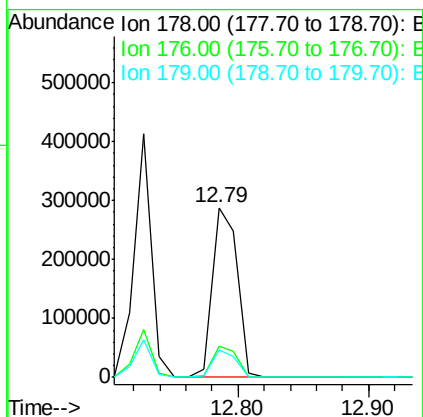
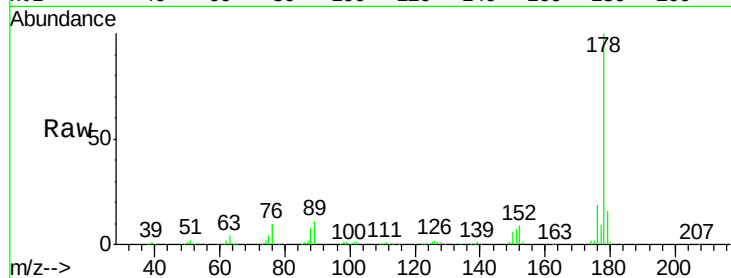




#71
 Anthracene
 Concen: 41.95 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

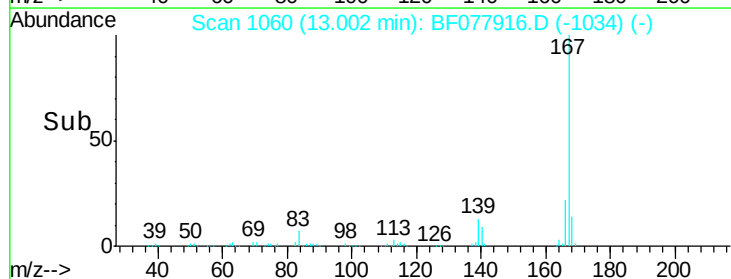
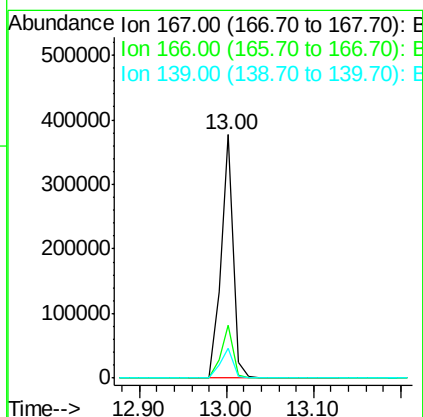
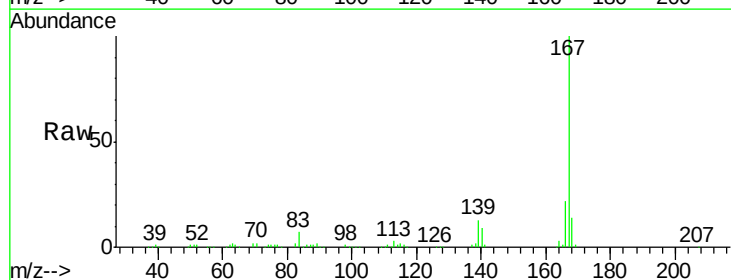
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

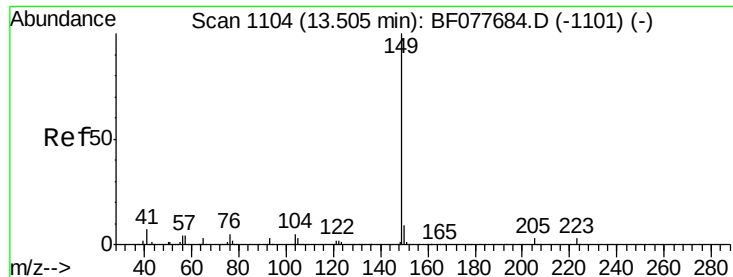
Tgt Ion:178 Resp: 383365
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 42.86 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:167 Resp: 372559
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 13.46 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

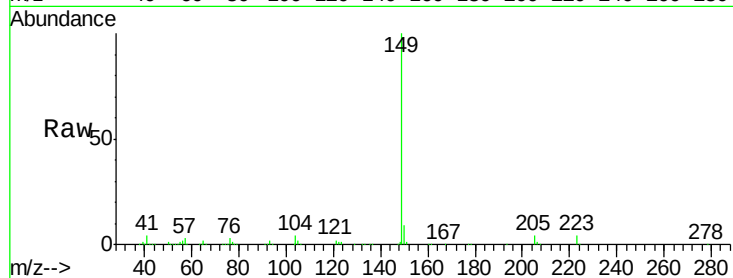
Tgt Ion:149 Resp: 407812

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

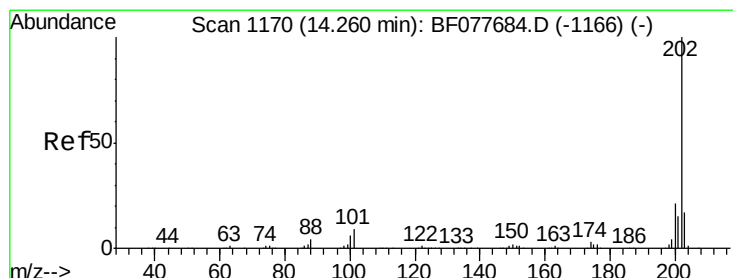
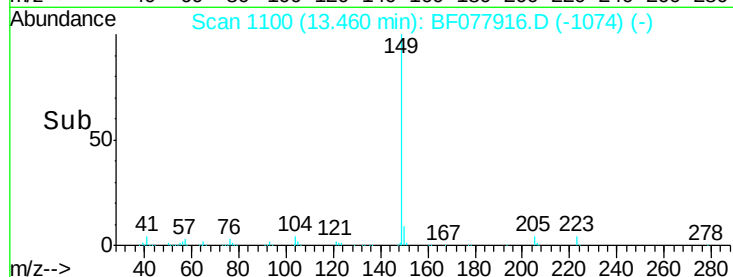
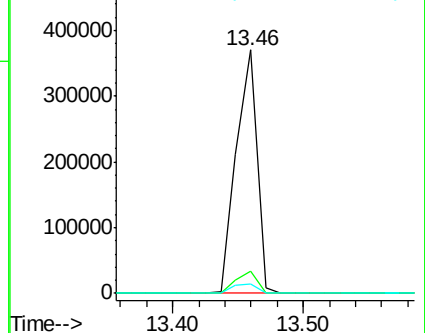
104 4.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.29 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

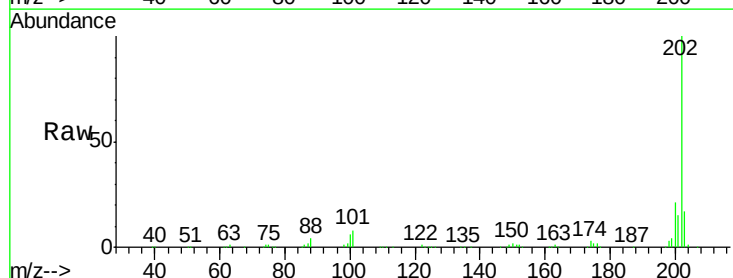
Tgt Ion:202 Resp: 421232

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.7

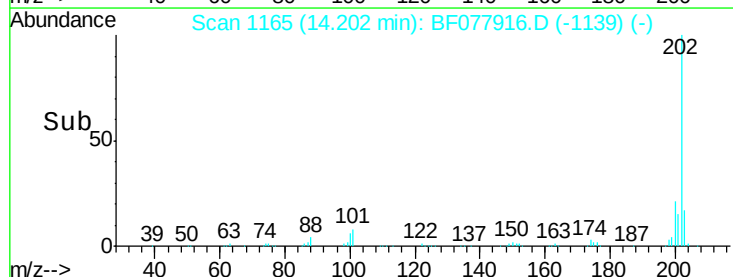
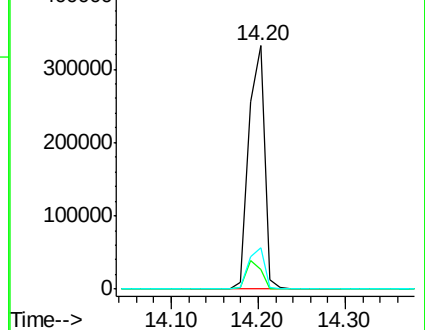
203 17.2 0.0 37.2

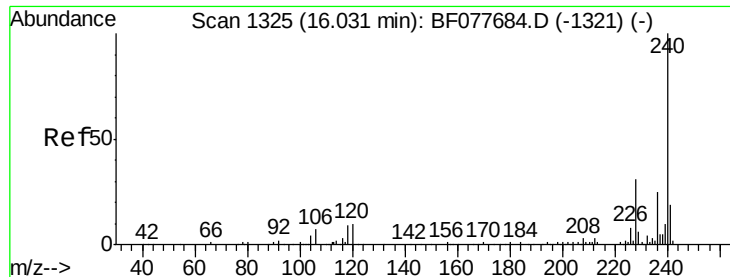


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

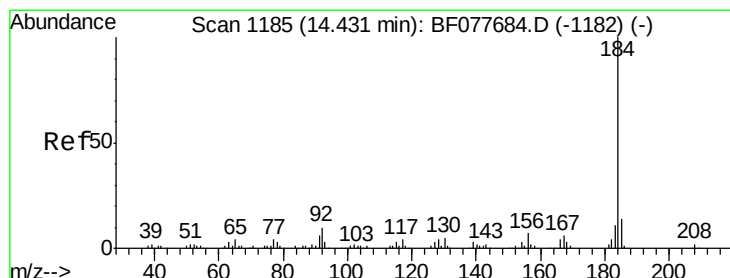
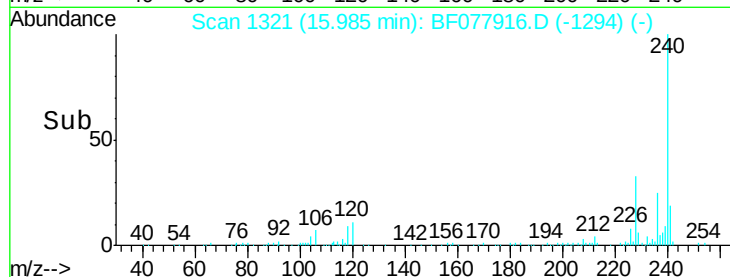
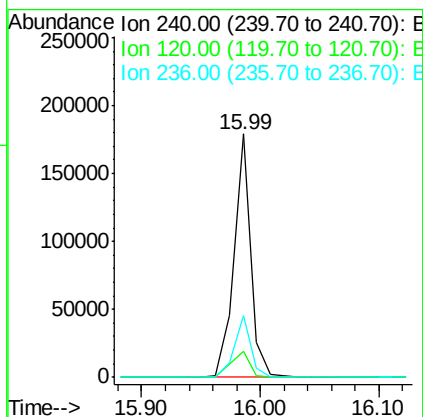
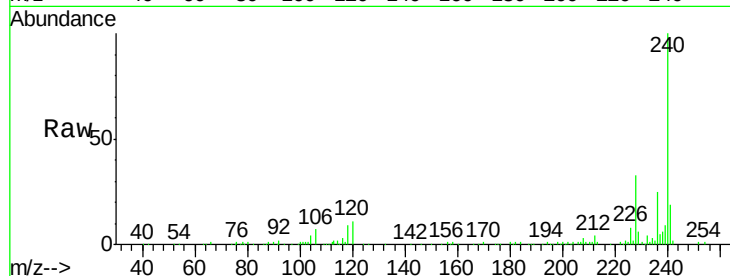




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

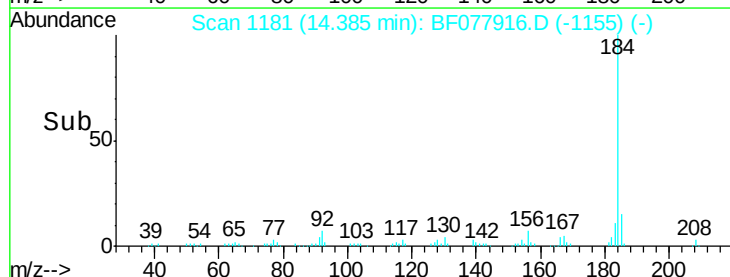
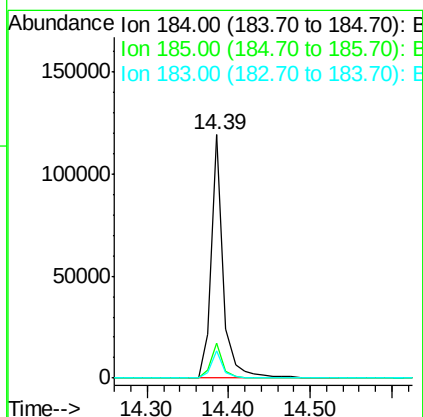
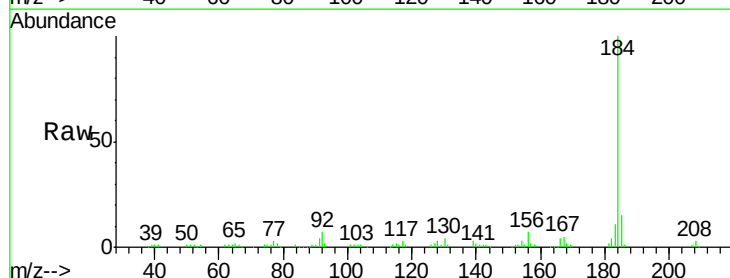
Instrument :
BNA_F
ClientSampleId :
PB82241BSD

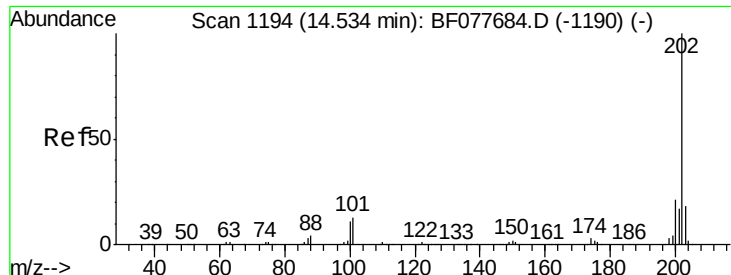
Tgt Ion:240 Resp: 175624
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.2 20.0 30.0



#76
Benzidine
Concen: 28.54 ng
RT: 14.39 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion:184 Resp: 124596
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.4 8.9 13.3

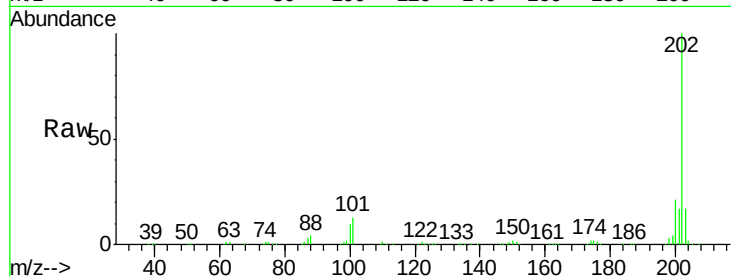




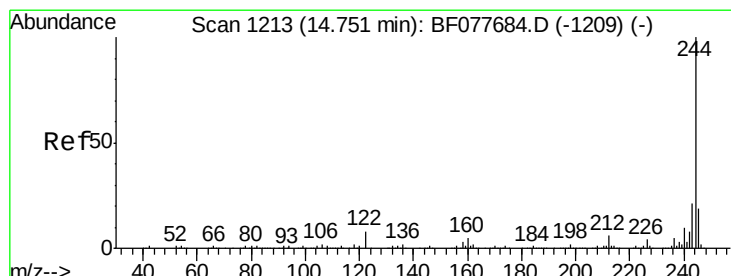
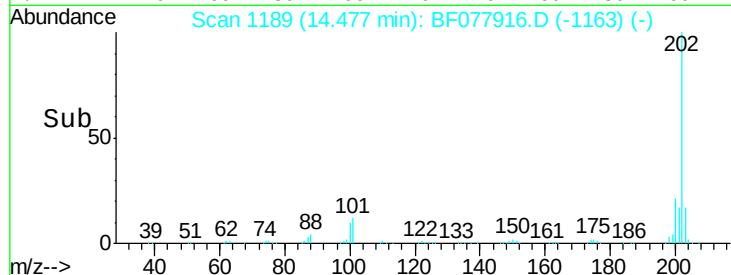
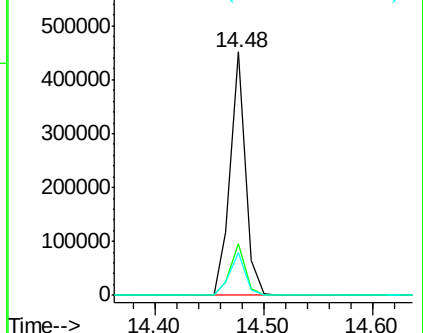
#77
 Pyrene
 Concen: 39.81 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.1	21.1

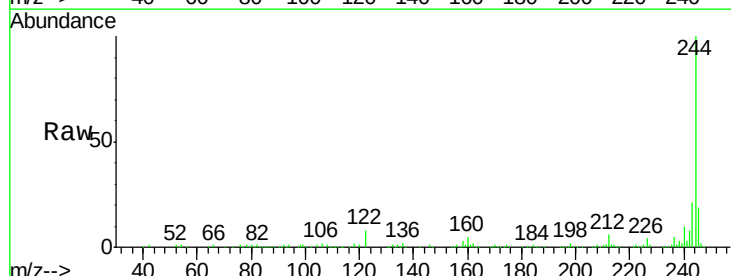


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

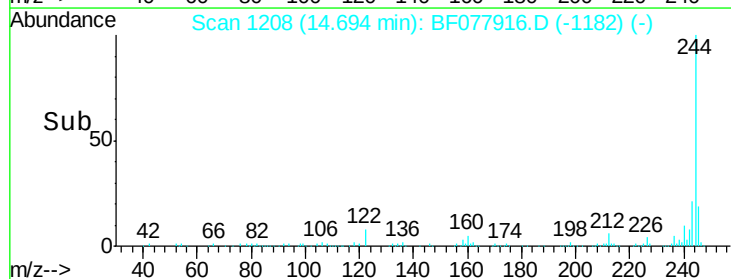
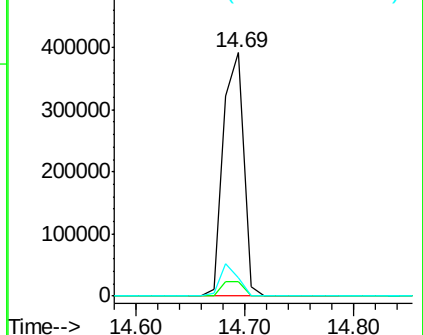


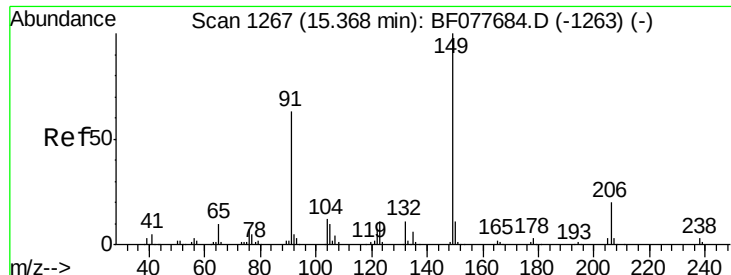
#78
 Terphenyl-d14
 Concen: 71.06 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.9	7.3
122	7.7	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

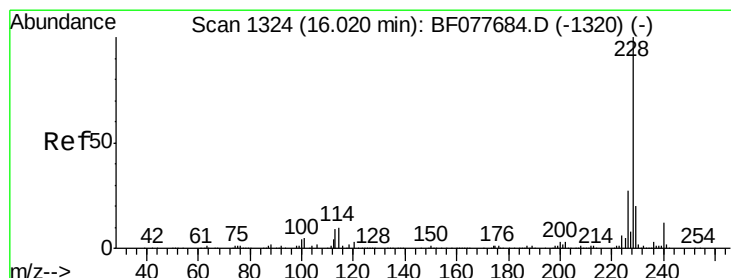
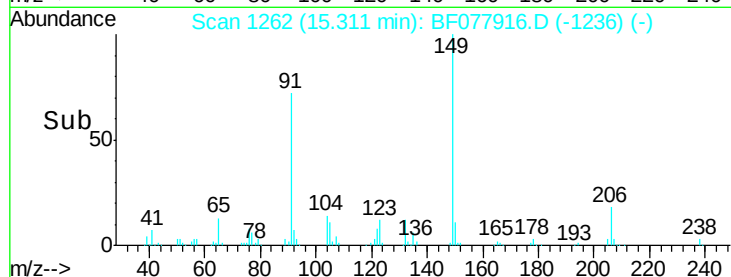
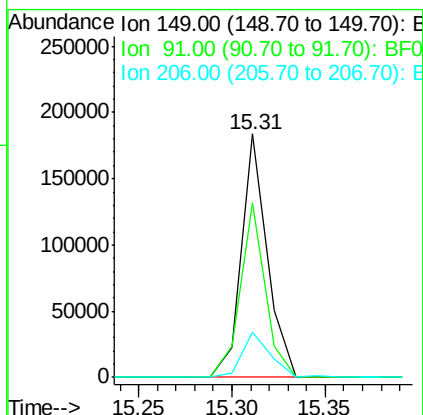
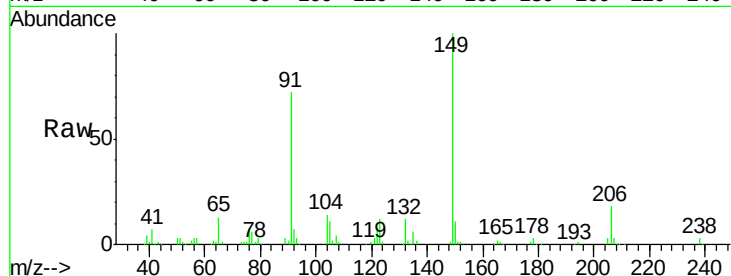




#79
Butylbenzylphthalate
Concen: 40.66 ng
RT: 15.31 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

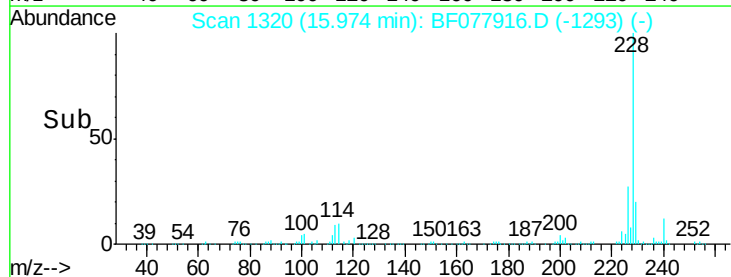
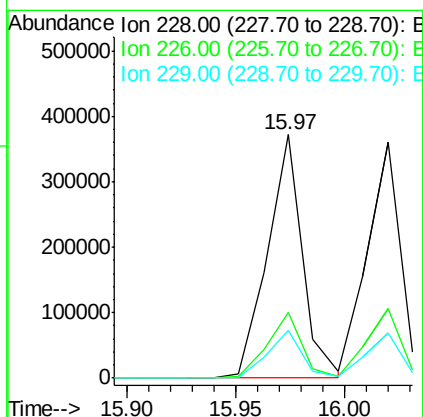
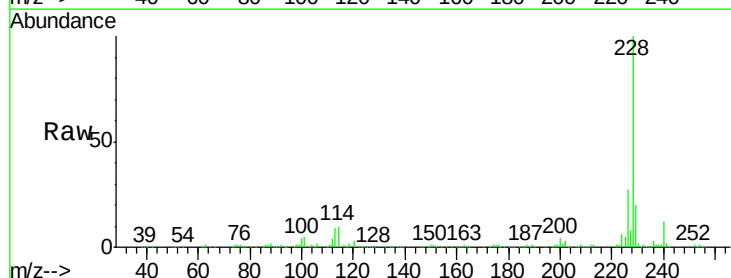
Instrument :
BNA_F
ClientSampleId :
PB82241BSD

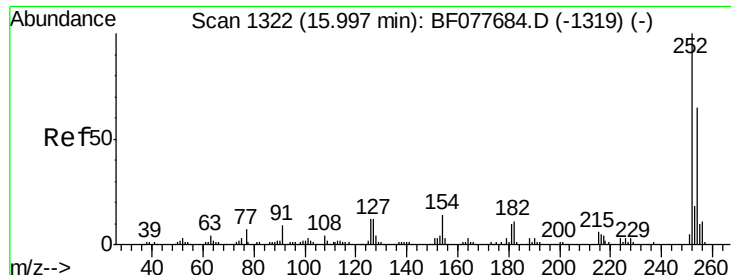
Tgt Ion:149 Resp: 177053
Ion Ratio Lower Upper
149 100
91 71.8 50.1 75.1
206 18.3 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.09 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion:228 Resp: 417377
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.8 16.0 24.0

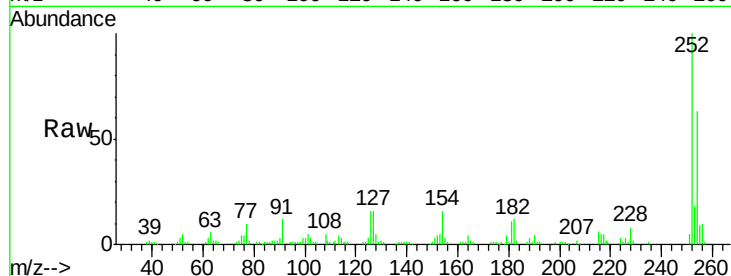




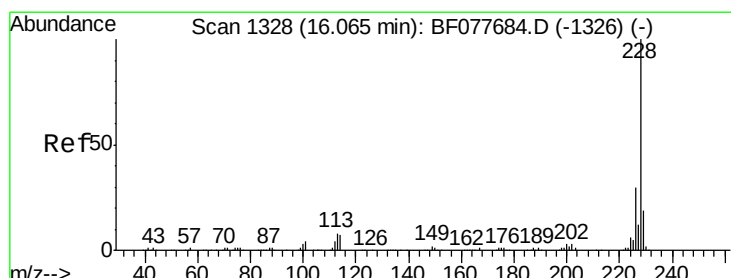
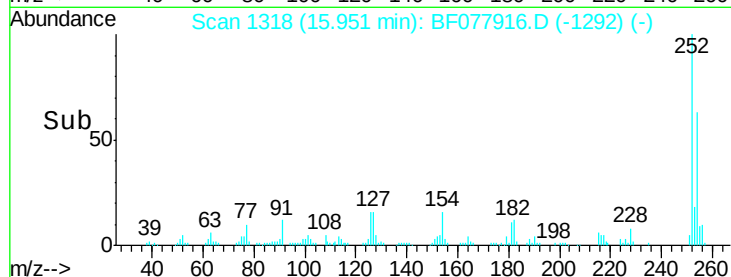
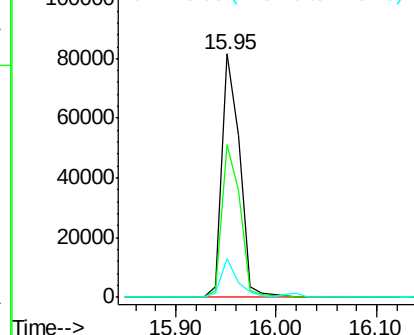
#81
 3,3'-Dichlorobenzidine
 Concen: 29.27 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion:252 Resp: 100517
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.9 77.9
 126 15.7 9.8 14.8#

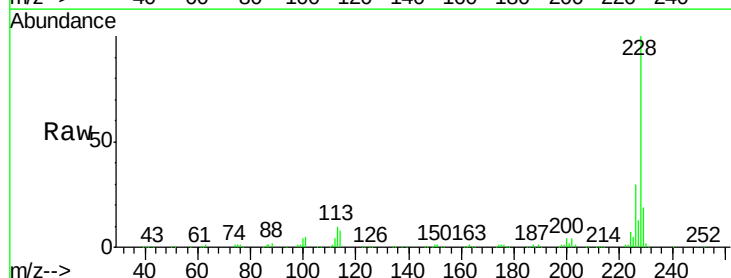


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

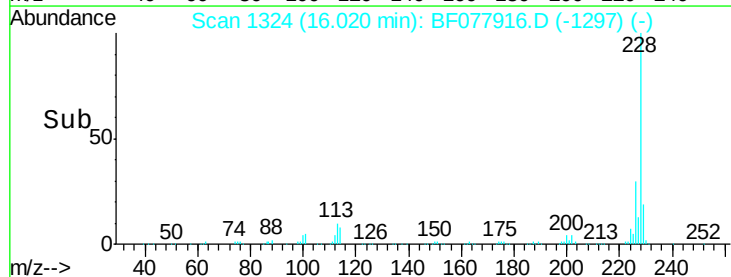
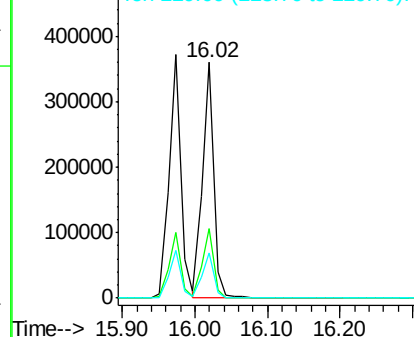


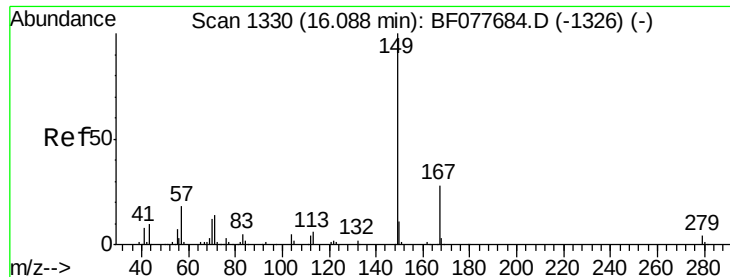
#82
 Chrysene
 Concen: 41.80 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:228 Resp: 391249
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.2 15.5 23.3



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

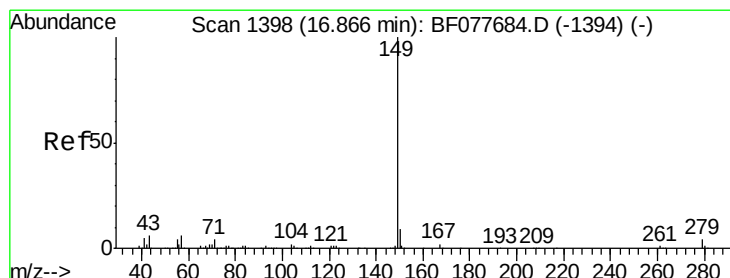
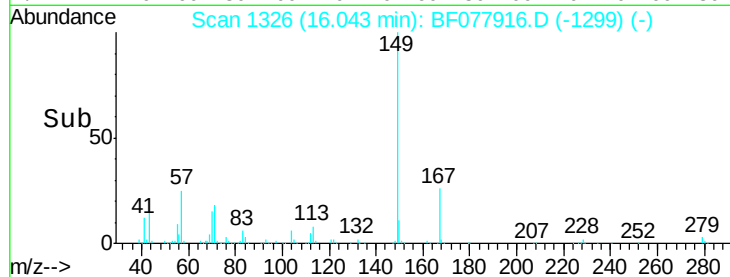
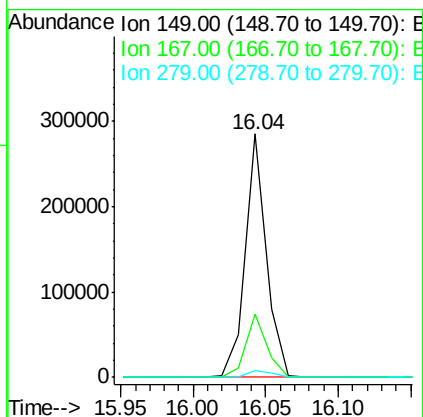
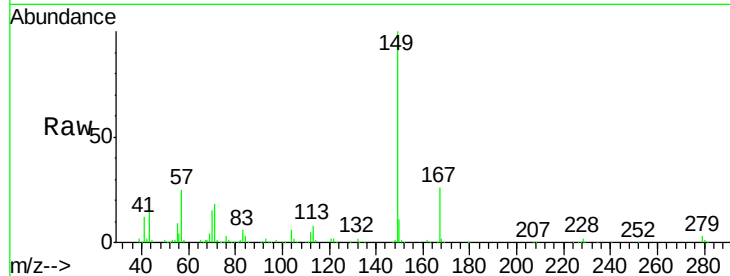




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.69 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

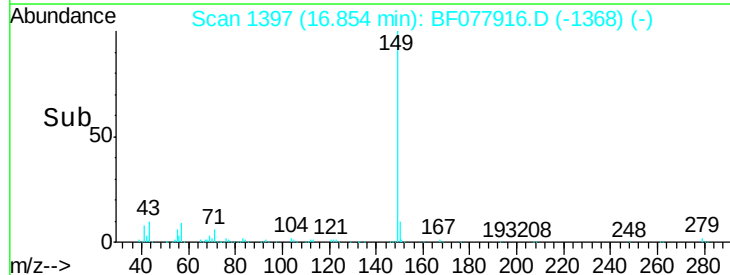
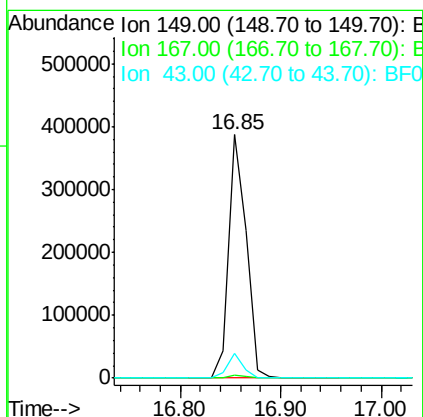
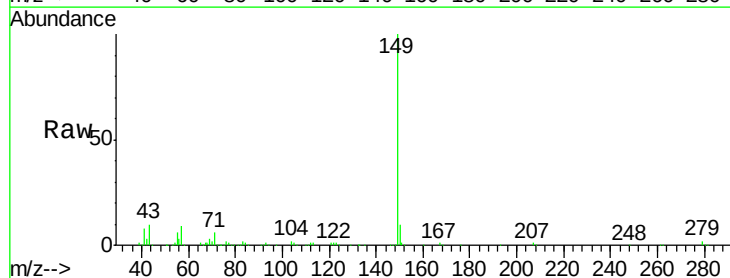
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

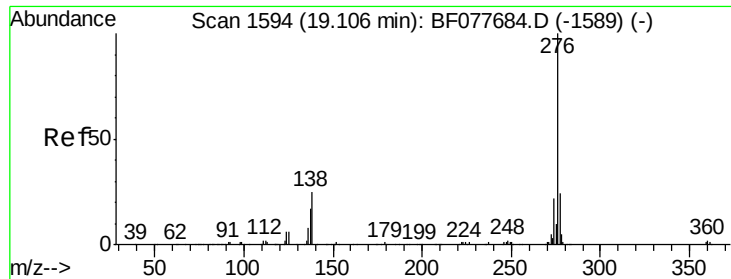
Tgt Ion:149 Resp: 288179
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.4 33.6
 279 2.6 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 41.45 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. 0.03 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:149 Resp: 467481
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.2 7.3 10.9

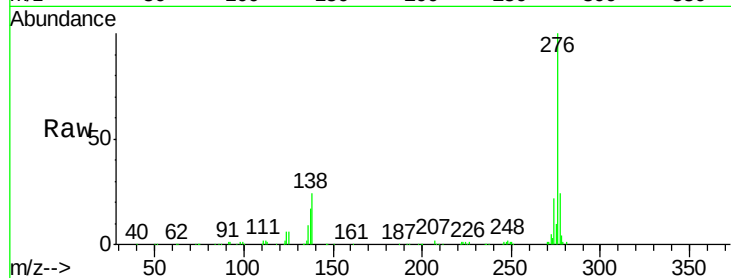




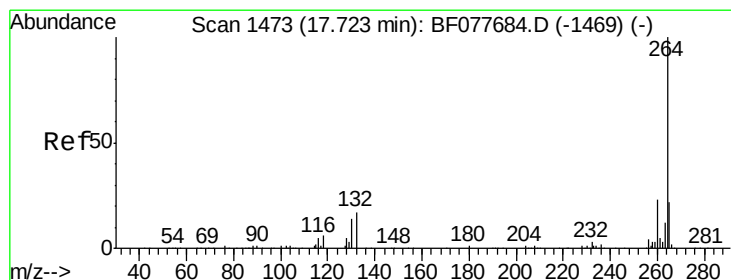
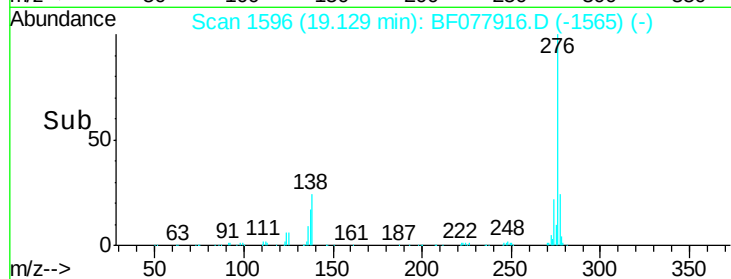
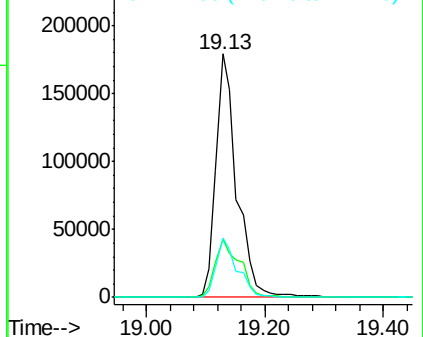
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.47 ng
 RT: 19.13 min Scan# 1596
 Delta R.T. 0.06 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion: 276 Resp: 437814
 Ion Ratio Lower Upper
 276 100
 138 28.5 0.0 0.0#
 277 24.9 0.0 0.0#

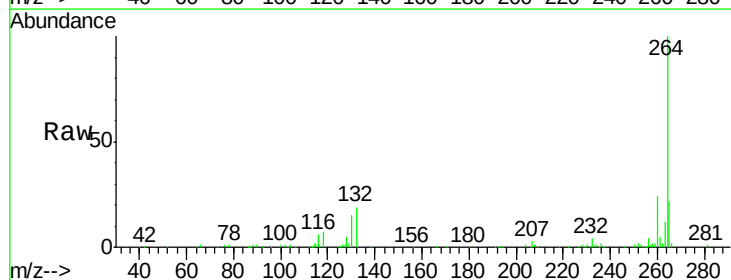


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

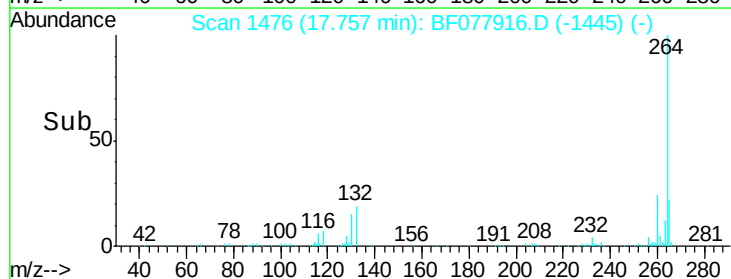
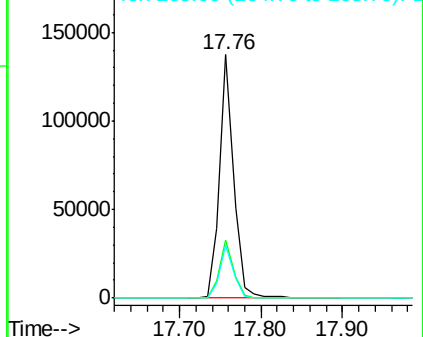


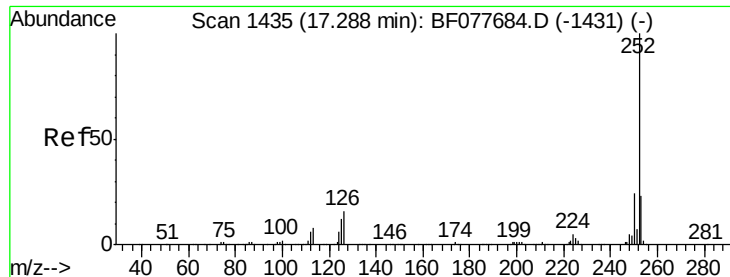
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.06 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion: 264 Resp: 164864
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.5 17.3 25.9



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





#87

Benzo(b)fluoranthene

Concen: 32.51 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.07 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

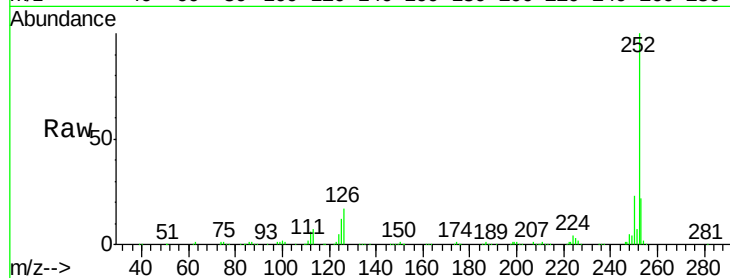
Tgt Ion:252 Resp: 349895

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

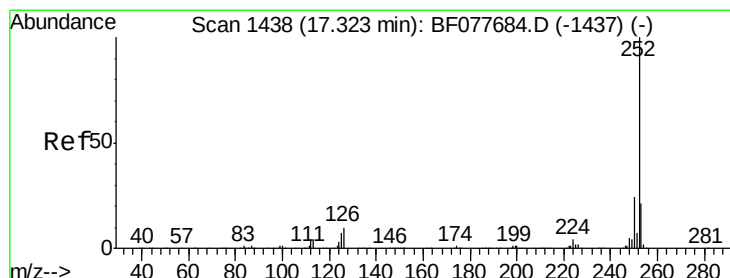
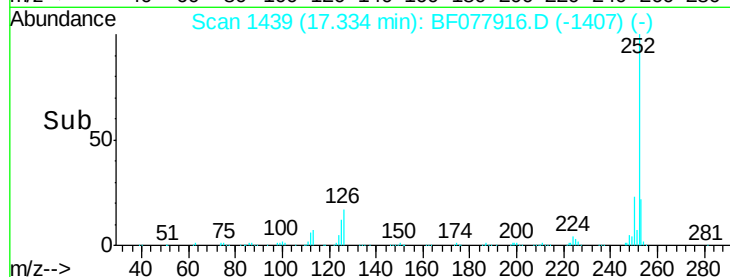
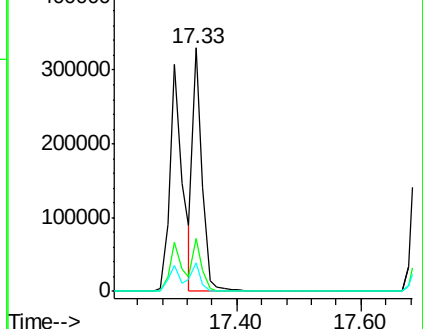
125 11.9 9.9 14.9



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



#88

Benzo(k)fluoranthene

Concen: 41.62 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.05 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

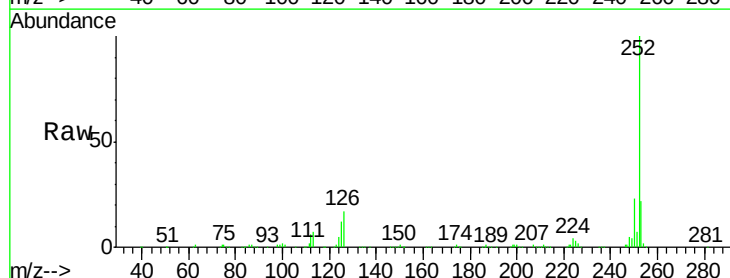
Tgt Ion:252 Resp: 349899

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

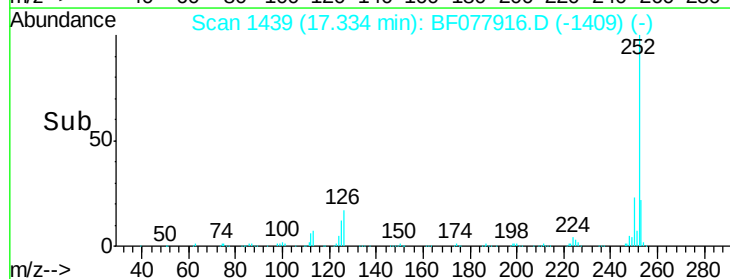
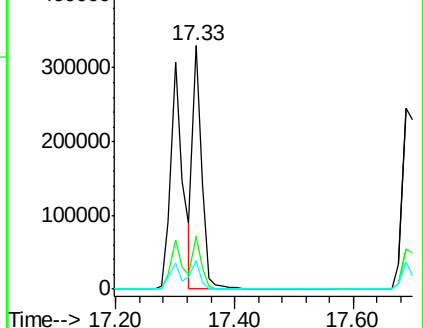
125 11.9 8.1 12.1

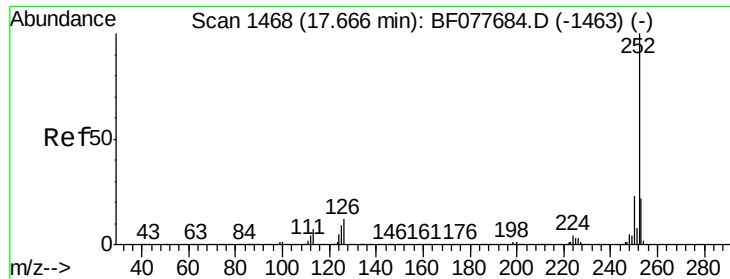


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.06 ng

RT: 17.69 min Scan# 1470

Delta R.T. 0.05 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD

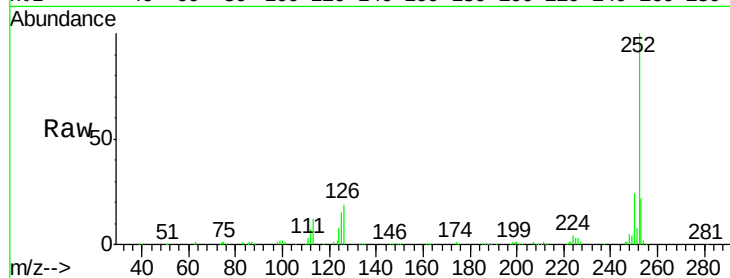
Tgt Ion:252 Resp: 386733

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

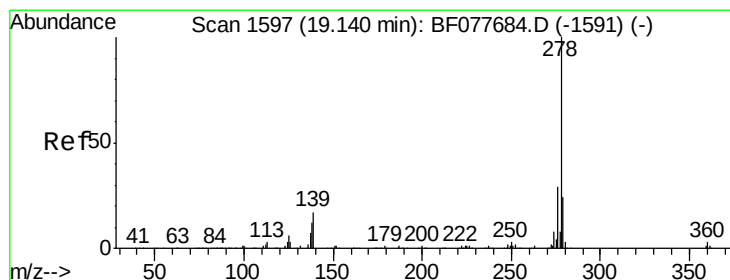
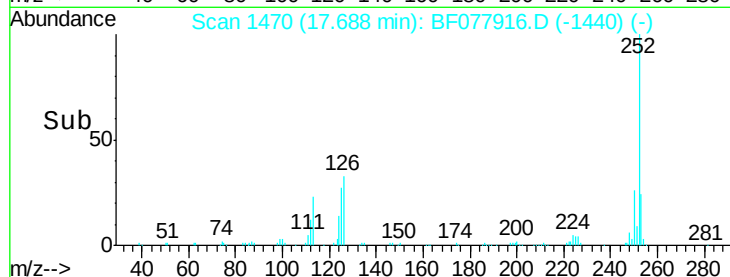
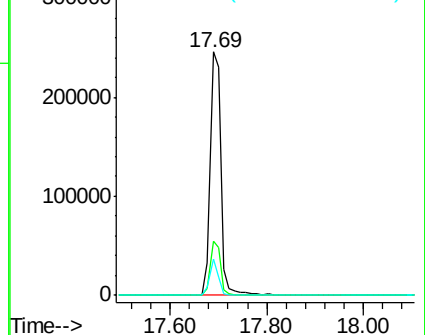
125 15.0 7.4 11.2#



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: 41.33 ng

RT: 19.16 min Scan# 1599

Delta R.T. 0.07 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

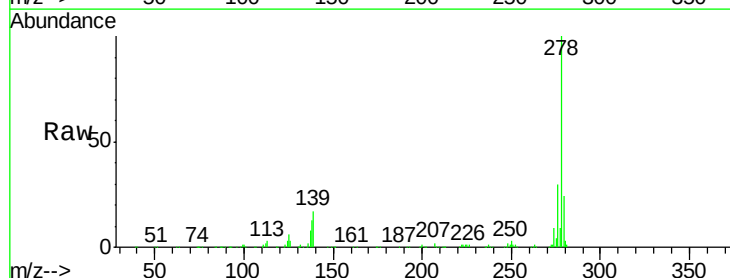
Tgt Ion:278 Resp: 368124

Ion Ratio Lower Upper

278 100

139 17.0 13.4 20.0

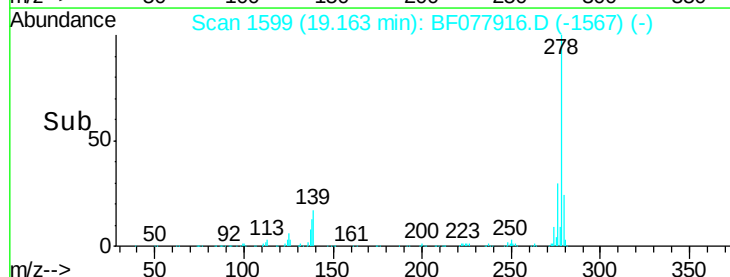
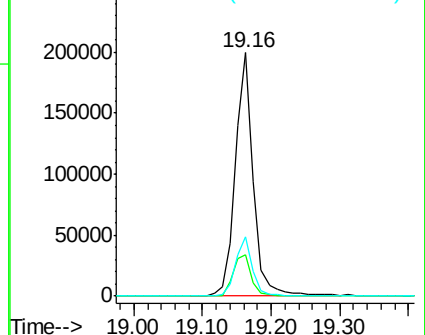
279 24.3 19.0 28.4

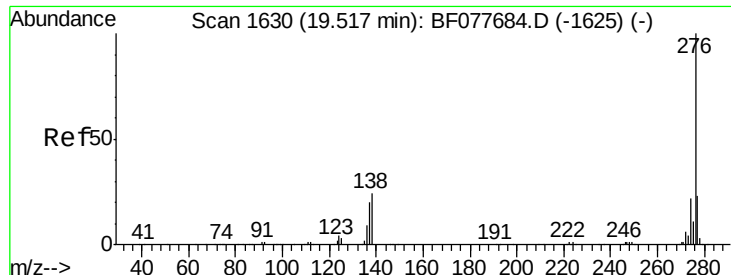


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.00 ng

RT: 19.54 min Scan# 1632

Delta R.T. 0.07 min

Lab File: BF077916.D

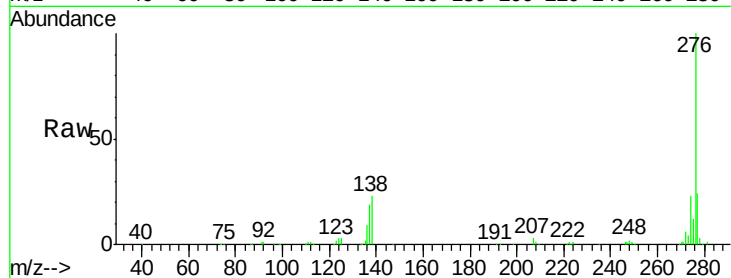
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD



Tgt Ion:	276	Resp:	362723
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	22.6	19.0	28.6

