

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077666.D
 Acq On : 10 Mar 2015 17:40
 Operator : TP/IZ
 Sample : PB82015BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Quant Time: Mar 11 00:14:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	57170	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	232616	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	117328	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	227127	20.00	ng	0.00
75) Chrysene-d12	16.06	240	232307	20.00	ng	-0.02
86) Perylene-d12	17.83	264	234867	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	408166	119.19	ng	0.00
7) Phenol-d6	6.75	99	516914	117.40	ng	0.00
23) Nitrobenzene-d5	7.88	82	302058	80.75	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	135534	119.97	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	651816	86.62	ng	0.00
78) Terphenyl-d14	14.76	244	720686	72.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	44105	30.35	ng	95
3) Pyridine	2.83	79	118109	28.41	ng	97
4) n-Nitrosodimethylamine	2.73	42	64918	35.92	ng	88
6) Aniline	6.77	93	139124	22.86	ng	# 65
8) 2-Chlorophenol	6.92	128	152921	37.85	ng	99
9) Benzaldehyde	6.63	77	17126	6.41	ng	89
10) Phenol	6.77	94	179713	34.40	ng	# 70
11) bis(2-Chloroethyl)ether	6.88	93	145304	38.71	ng	93
12) 1,3-Dichlorobenzene	7.11	146	160421	36.47	ng	97
13) 1,4-Dichlorobenzene	7.21	146	162703	36.36	ng	99
14) 1,2-Dichlorobenzene	7.39	146	157773	37.06	ng	98
15) Benzyl Alcohol	7.37	79	124515	37.20	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	192511	35.87	ng	99
17) 2-Methylphenol	7.52	107	121726	38.55	ng	97
18) Hexachloroethane	7.81	117	56027	37.48	ng	# 74
19) n-Nitroso-di-n-propylamine	7.70	70	102021	36.49	ng	97
20) 3+4-Methylphenols	7.71	107	156912	37.73	ng	# 75
22) Acetophenone	7.69	105	203885	37.26	ng	# 84
24) Nitrobenzene	7.90	77	151043	38.38	ng	98
25) Isophorone	8.20	82	276796	37.30	ng	99
26) 2-Nitrophenol	8.29	139	74409	46.13	ng	100
27) 2,4-Dimethylphenol	8.36	122	142660	39.53	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	169853	36.23	ng	99
29) 2,4-Dichlorophenol	8.59	162	130662	38.57	ng	92
30) 1,2,4-Trichlorobenzene	8.69	180	133307	35.79	ng	99
31) Naphthalene	8.79	128	436332	37.51	ng	99
32) Benzoic acid	8.46	122	71389	40.71	ng	97
33) 4-Chloroaniline	8.86	127	107570	20.80	ng	97
34) Hexachlorobutadiene	8.94	225	76001	35.74	ng	100
35) Caprolactam	9.29	113	40377	39.04	ng	88
36) 4-Chloro-3-methylphenol	9.47	107	132329	38.86	ng	98
37) 2-Methylnaphthalene	9.65	142	300052	36.32	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	128948	38.30	ng	# 97
40) Hexachlorocyclopentadiene	9.84	237	132200	73.23	ng	97

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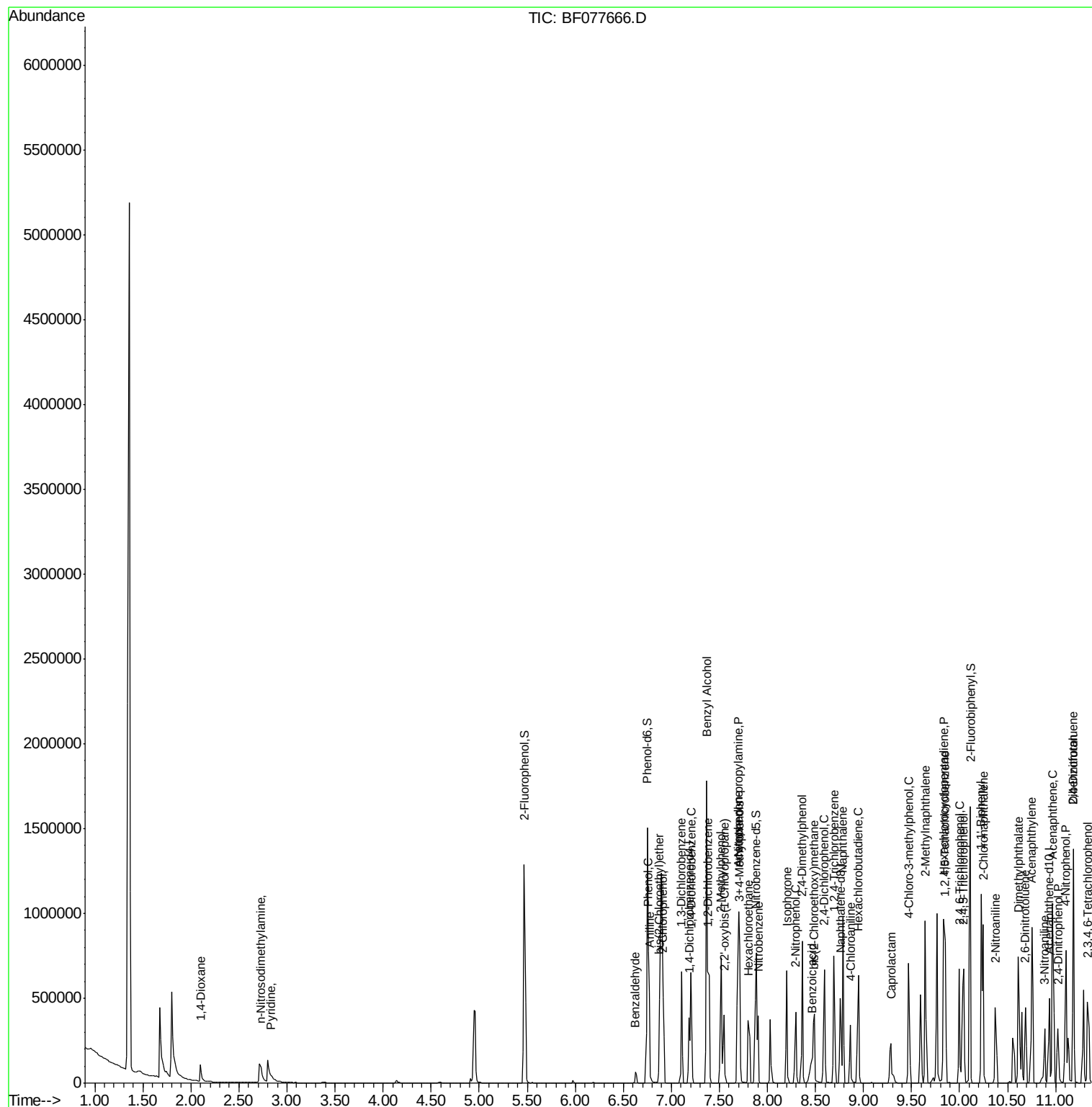
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	94559	42.41	ng	98
43) 2,4,5-Trichlorophenol	10.04	196	102121	42.84	ng #	93
45) 1,1'-Biphenyl	10.23	154	348747	39.23	ng	97
46) 2-Chloronaphthalene	10.25	162	294979	42.31	ng	96
47) 2-Nitroaniline	10.38	65	77618	45.23	ng	98
48) Acenaphthylene	10.76	152	453282	41.07	ng	100
49) Dimethylphthalate	10.62	163	322586	39.11	ng	100
50) 2,6-Dinitrotoluene	10.69	165	70765	42.79	ng #	45
51) Acenaphthene	10.97	154	259449	39.40	ng	99
52) 3-Nitroaniline	10.89	138	58405	30.63	ng	89
53) 2,4-Dinitrophenol	11.02	184	53166	105.64	ng	92
54) Dibenzofuran	11.19	168	409293	40.25	ng	99
55) 4-Nitrophenol	11.11	139	126375	82.40	ng #	70
56) 2,4-Dinitrotoluene	11.18	165	100723	45.07	ng #	89
57) Fluorene	11.61	166	334103	41.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	78931	41.18	ng	95
59) Diethylphthalate	11.49	149	328030	40.34	ng	98
60) 4-Chlorophenyl-phenylether	11.62	204	153550	39.20	ng	94
61) 4-Nitroaniline	11.64	138	81860	44.79	ng	89
62) Azobenzene	11.81	77	307268	39.83	ng	96
64) 4,6-Dinitro-2-methylphenol	11.68	198	36211	40.58	ng #	29
65) n-Nitrosodiphenylamine	11.77	169	295653	39.23	ng	99
66) 4-Bromophenyl-phenylether	12.23	248	93770	35.26	ng	97
67) Hexachlorobenzene	12.28	284	100936	35.36	ng	96
68) Atrazine	12.44	200	91607	37.39	ng	97
69) Pentachlorophenol	12.54	266	118458	78.95	ng	99
70) Phenanthrene	12.80	178	496412	37.71	ng	99
71) Anthracene	12.86	178	516182	39.51	ng	98
72) Carbazole	13.07	167	488580	39.33	ng	98
73) Di-n-butylphthalate	13.52	149	488159	33.47	ng #	97
74) Fluoranthene	14.27	202	510316	35.49	ng	99
76) Benzidine	14.46	184	227910	29.04	ng	97
77) Pyrene	14.55	202	541412	38.10	ng	99
79) Butylbenzylphthalate	15.38	149	222514	38.06	ng #	82
80) Benzo(a)anthracene	16.05	228	508159	37.32	ng	99
81) 3,3'-Dichlorobenzidine	16.03	252	129321	25.92	ng	98
82) Chrysene	16.09	228	487616	38.14	ng	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	324505	34.61	ng #	94
84) Di-n-octyl phthalate	16.93	149	551282	35.22	ng	98
85) Indeno(1,2,3-cd)pyrene	19.25	276	428870	29.42	ng	97
87) Benzo(b)fluoranthene	17.38	252	512000	37.49	ng #	98
88) Benzo(k)fluoranthene	17.41	252	514939	38.47	ng #	94
89) Benzo(a)pyrene	17.77	252	491312	37.77	ng	98
90) Dibenzo(a,h)anthracene	19.28	278	491018	39.58	ng	98
91) Benzo(g,h,i)perylene	19.66	276	492340	39.32	ng #	94

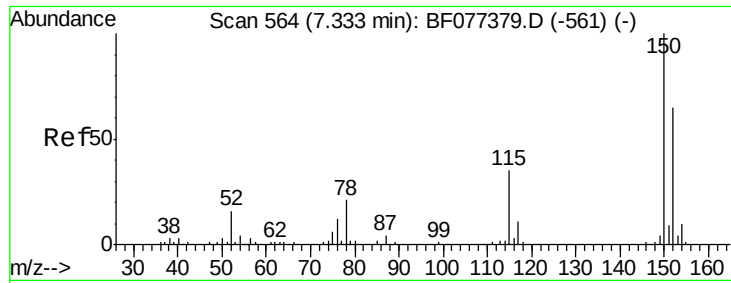
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

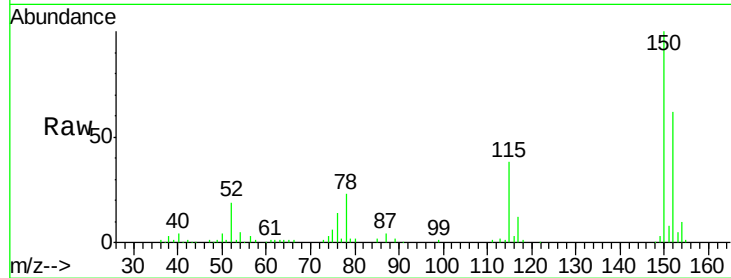
Tgt Ion:152 Resp: 57170

Ion Ratio Lower Upper

152 100

150 161.0 124.0 186.0

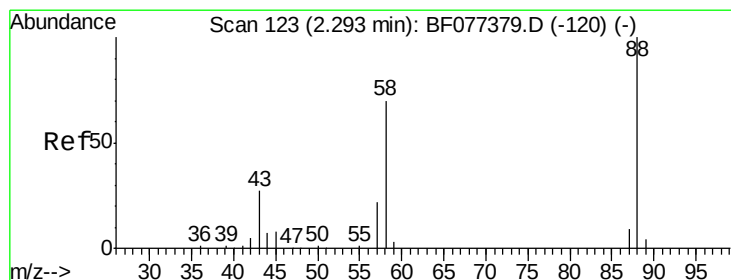
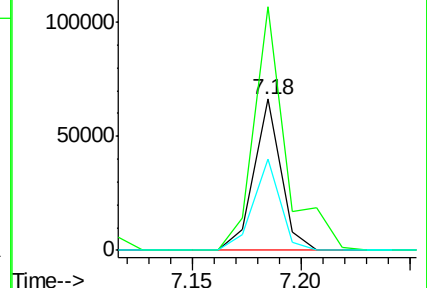
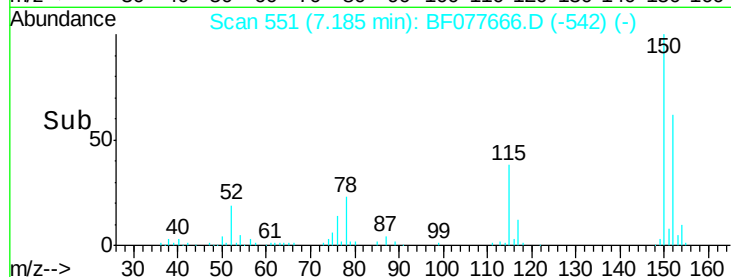
115 60.4 49.4 74.2



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: 30.35 ng

RT: 2.11 min Scan# 107

Delta R.T. 0.02 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

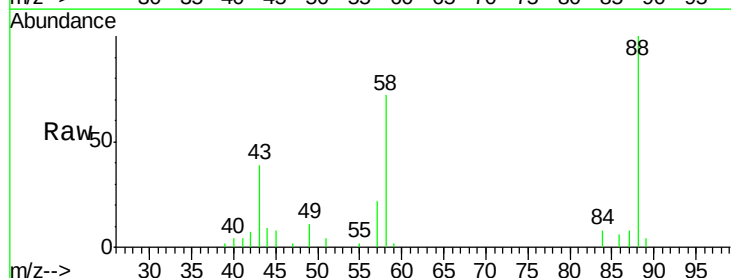
Tgt Ion: 88 Resp: 44105

Ion Ratio Lower Upper

88 100

58 80.5 62.1 93.1

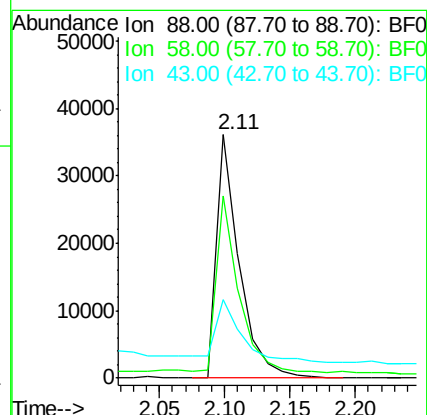
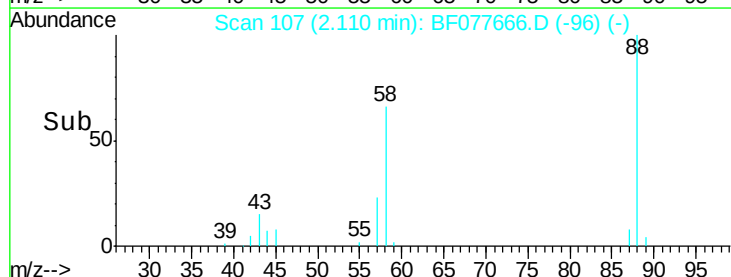
43 35.0 24.0 36.0

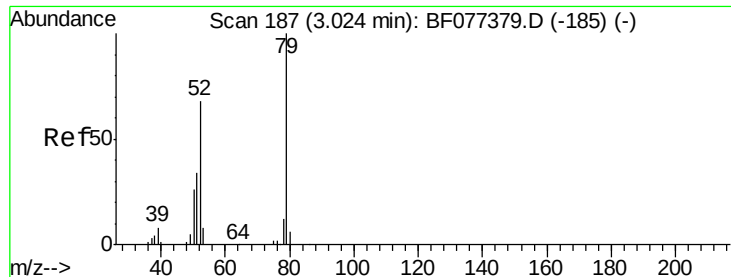


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.41 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF077666.D

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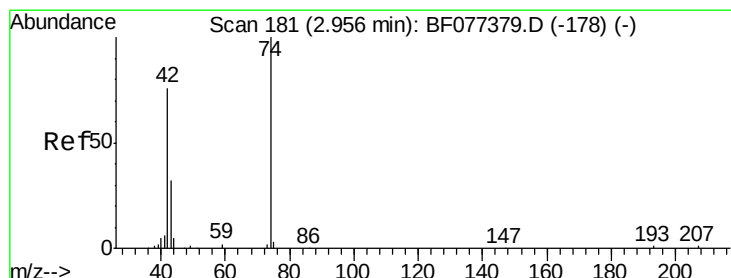
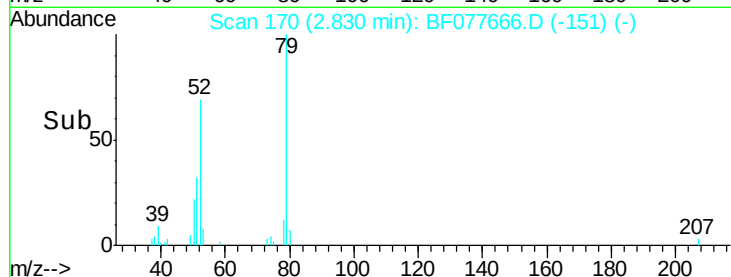
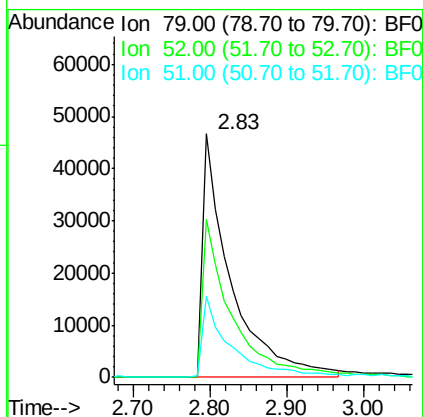
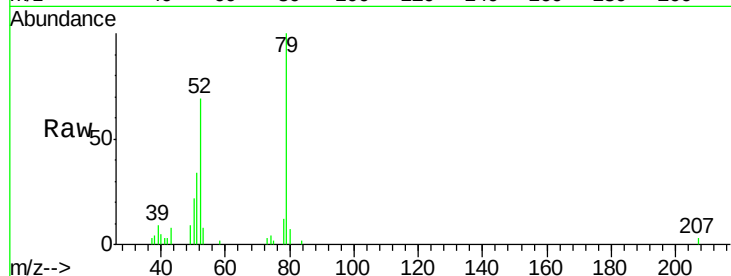
Tgt Ion: 79 Resp: 118109

Ion Ratio Lower Upper

79 100

52 69.1 57.7 86.5

51 34.4 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 35.92 ng

RT: 2.73 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

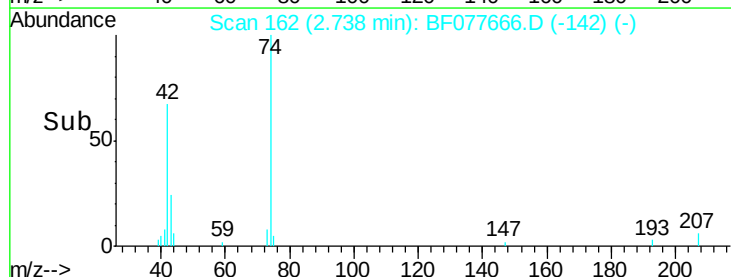
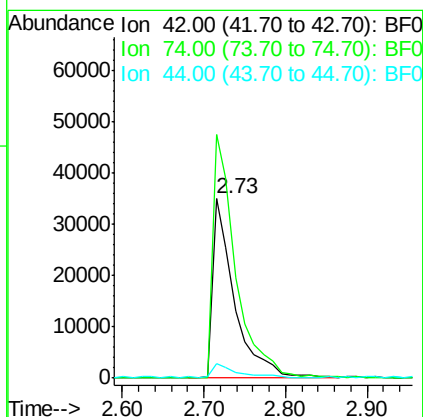
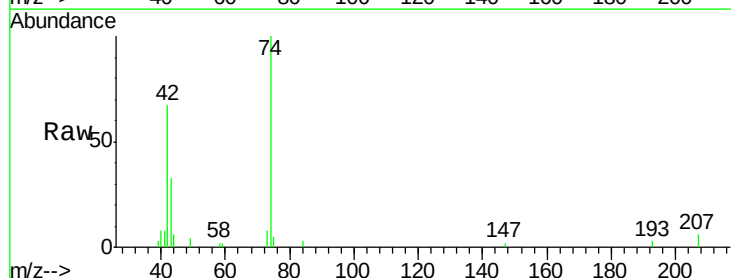
Tgt Ion: 42 Resp: 64918

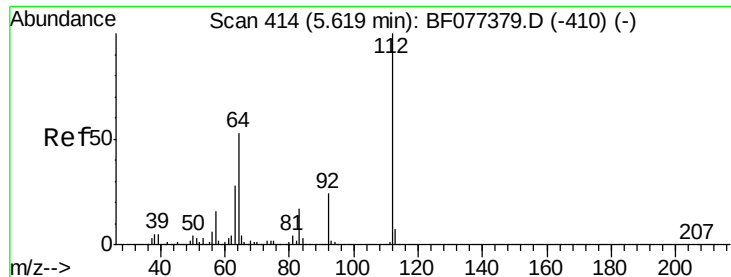
Ion Ratio Lower Upper

42 100

74 148.9 107.1 160.7

44 9.0 6.7 10.1





#5

2-Fluorophenol

Concen: 119.19 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

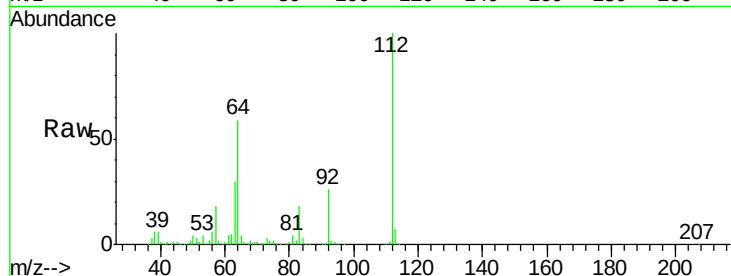
Tgt Ion: 112 Resp: 408166

Ion Ratio Lower Upper

112 100

64 59.0 48.5 72.7

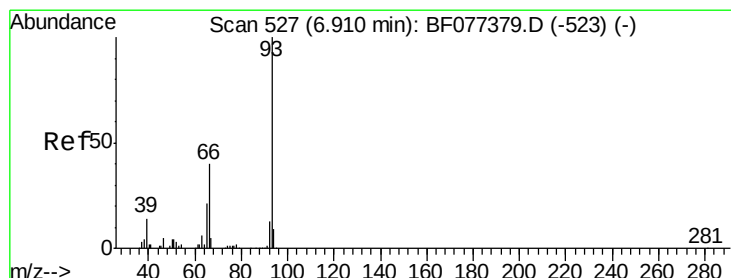
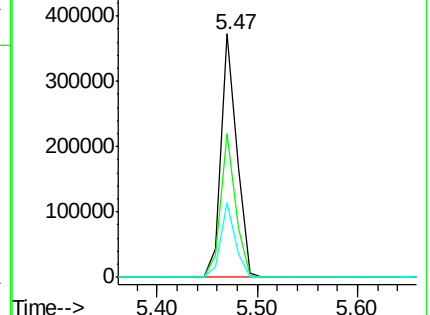
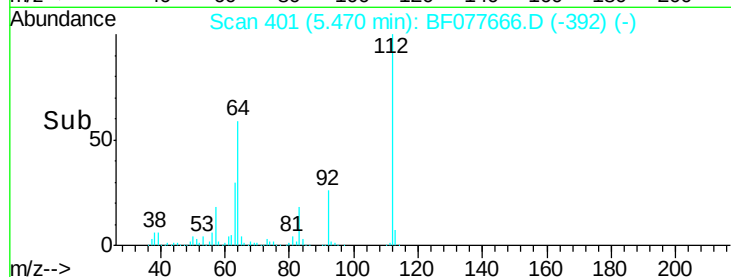
63 30.5 25.0 37.4



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: 22.86 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

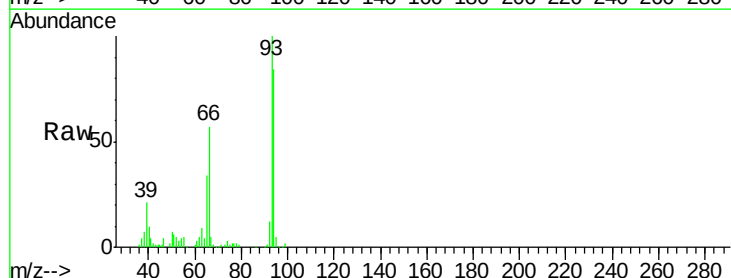
Tgt Ion: 93 Resp: 139124

Ion Ratio Lower Upper

93 100

66 56.8 29.1 43.7#

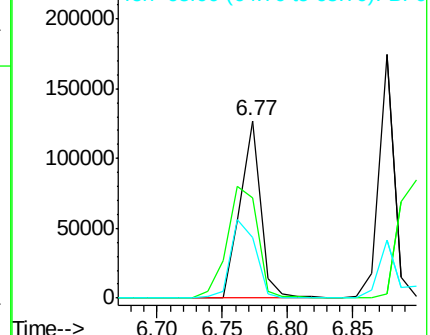
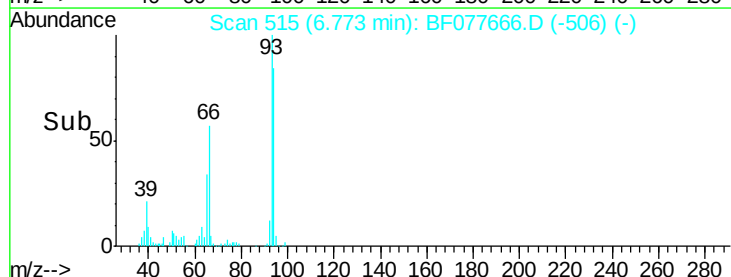
65 34.2 14.6 22.0#

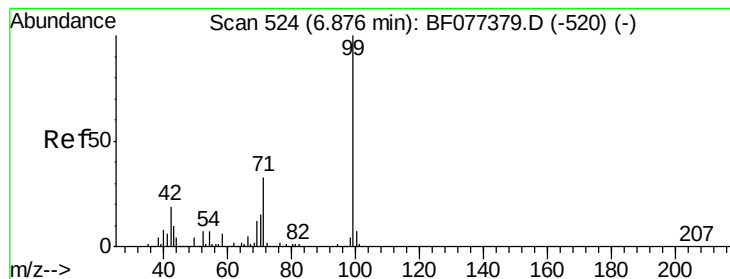


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.40 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

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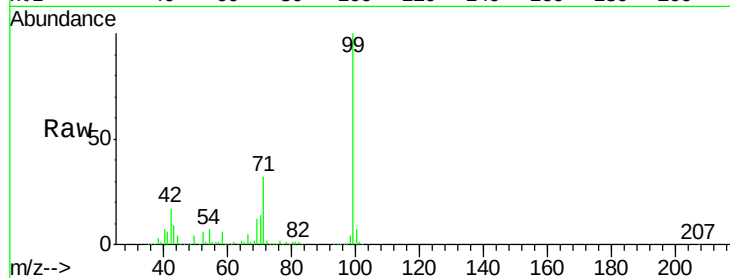
Tgt Ion: 99 Resp: 516914

Ion Ratio Lower Upper

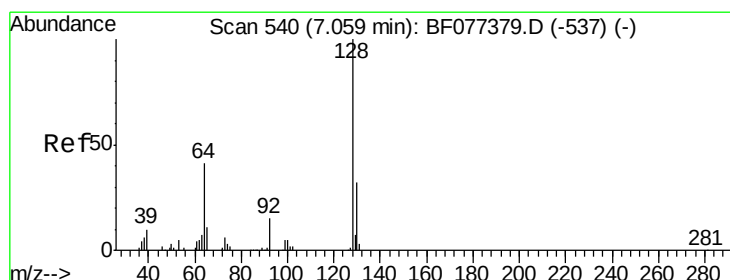
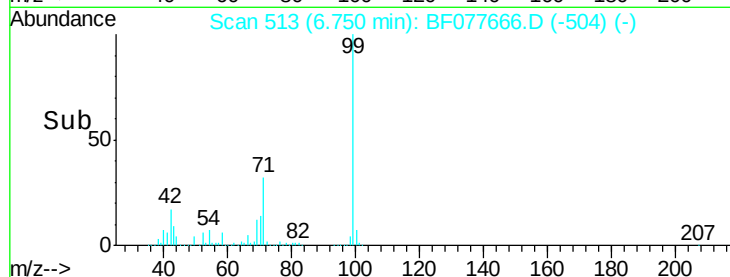
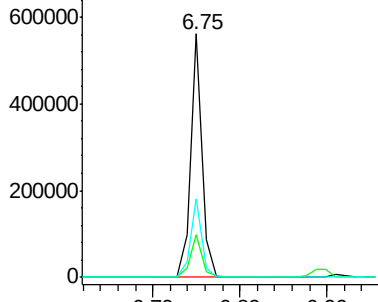
99 100

42 17.5 16.2 24.4

71 32.3 26.7 40.1



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: 37.85 ng

RT: 6.92 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

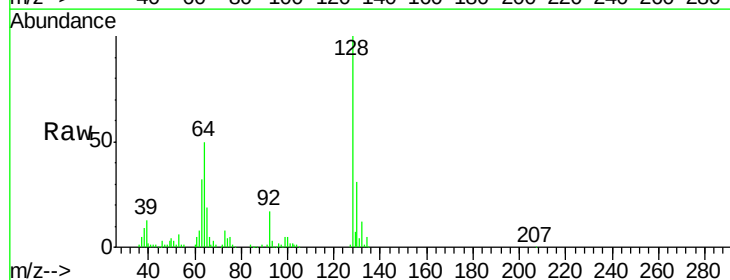
Tgt Ion: 128 Resp: 152921

Ion Ratio Lower Upper

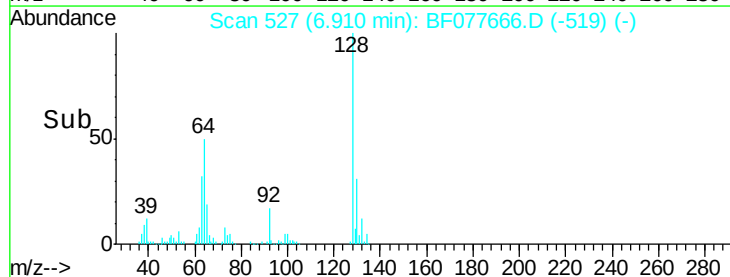
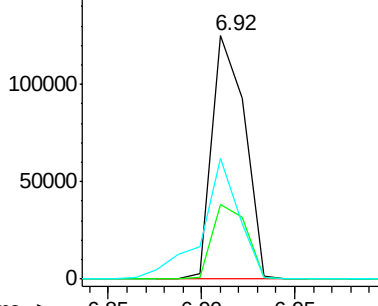
128 100

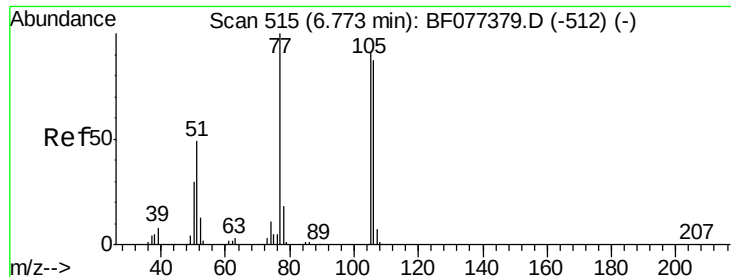
130 30.8 12.0 52.0

64 49.7 29.2 69.2



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: 6.41 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

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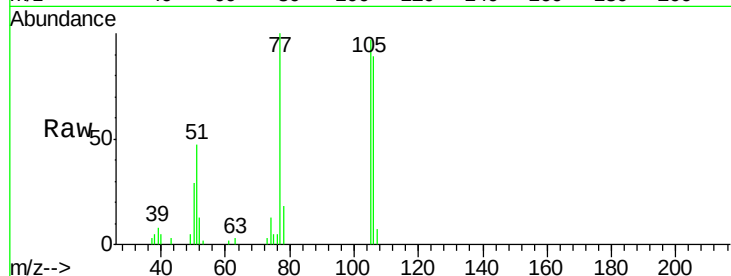
Tgt Ion: 77 Resp: 17126

Ion Ratio Lower Upper

77 100

105 97.3 85.9 125.9

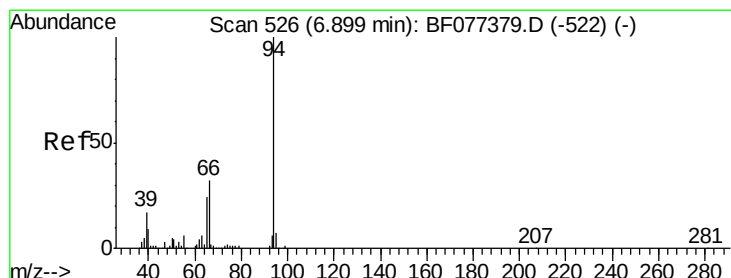
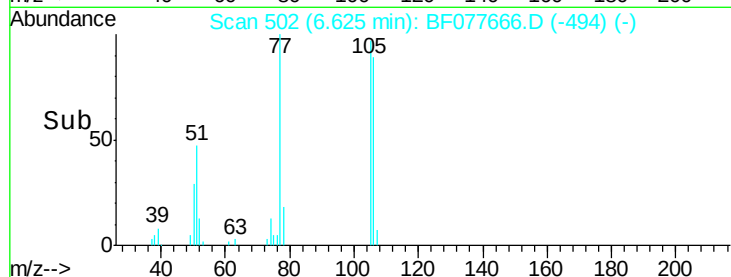
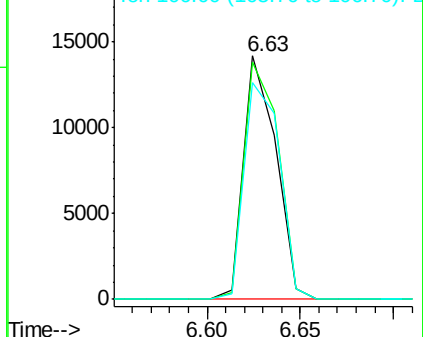
106 89.0 82.9 122.9



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: 34.40 ng

RT: 6.77 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

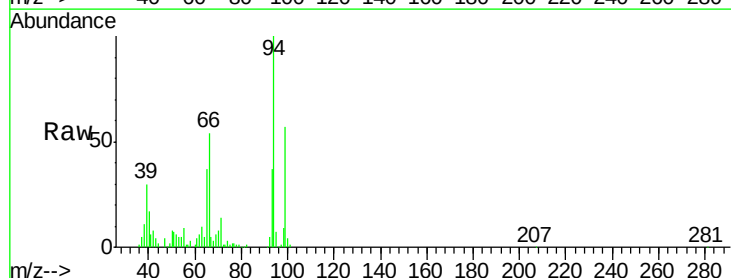
Tgt Ion: 94 Resp: 179713

Ion Ratio Lower Upper

94 100

65 37.3 5.7 45.7

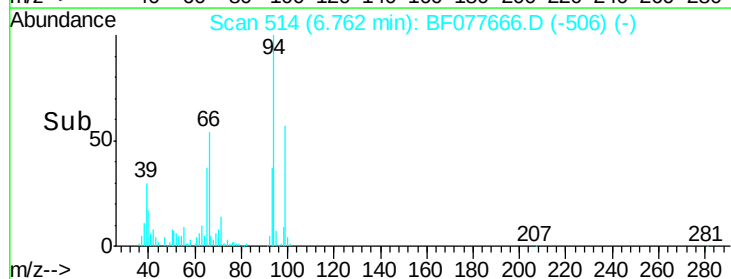
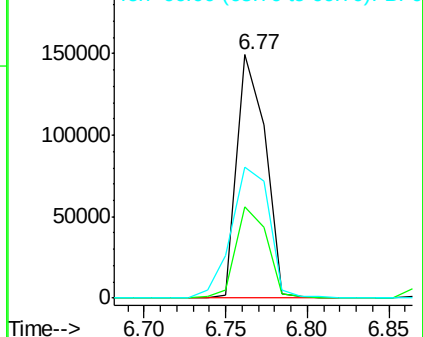
66 53.8 13.6 53.6#

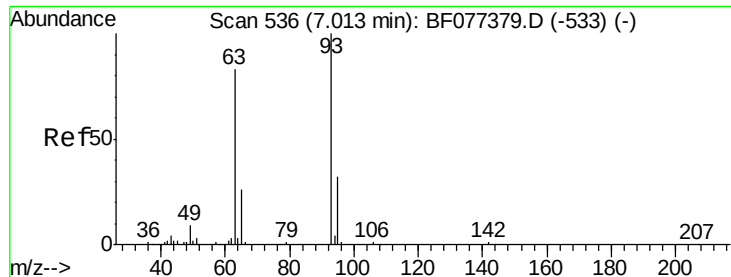


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.71 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

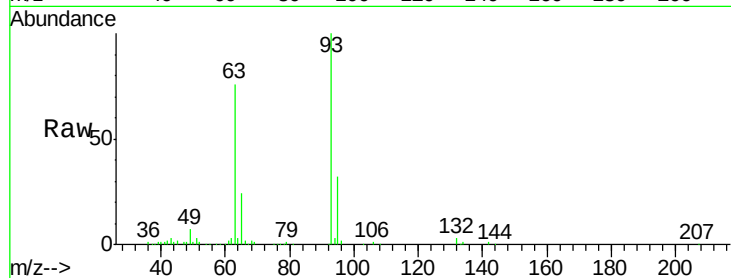
Tgt Ion: 93 Resp: 145304

Ion Ratio Lower Upper

93 100

63 76.1 48.7 88.7

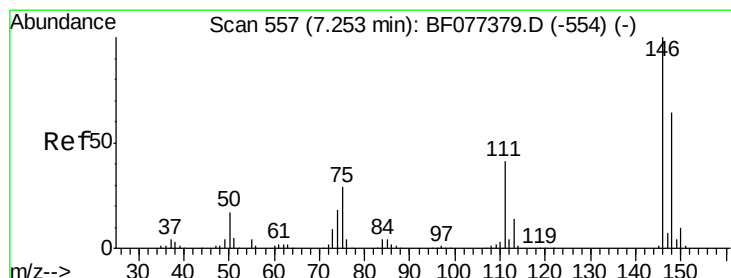
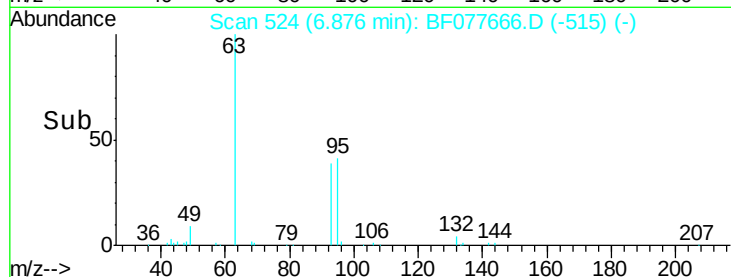
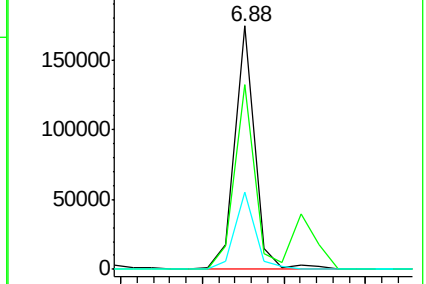
95 31.9 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.47 ng

RT: 7.11 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

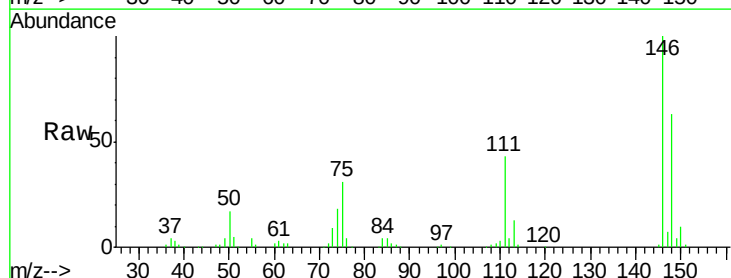
Tgt Ion: 146 Resp: 160421

Ion Ratio Lower Upper

146 100

148 63.3 49.8 74.8

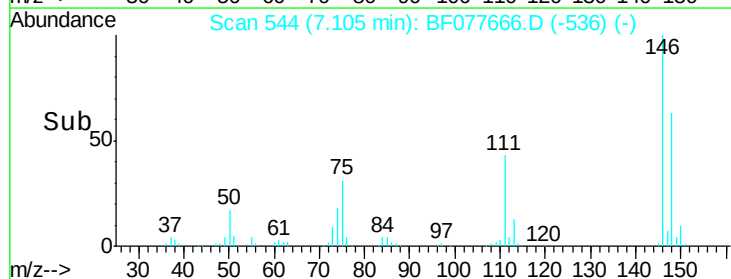
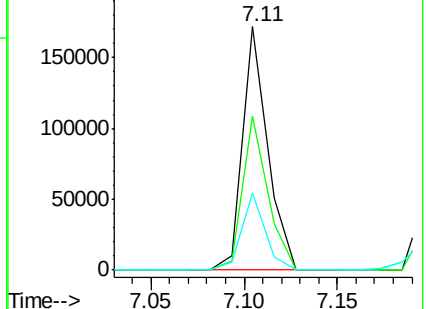
75 31.5 28.2 42.4

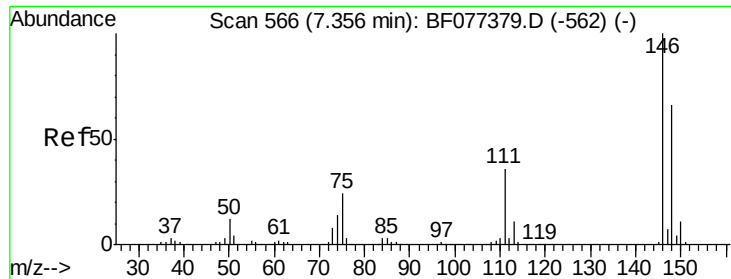


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

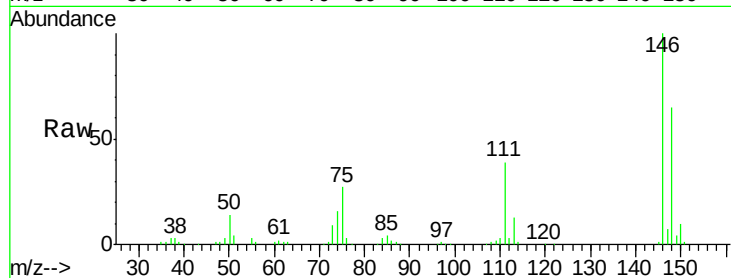




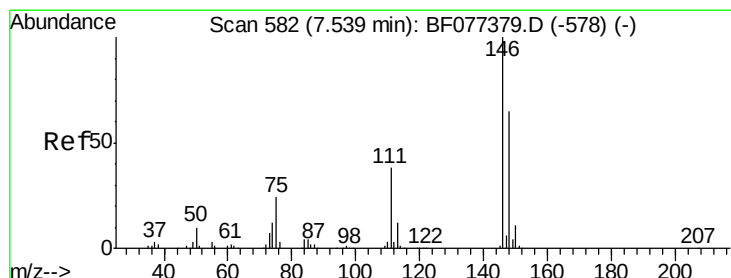
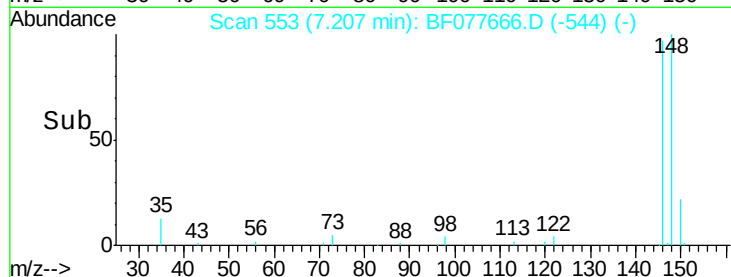
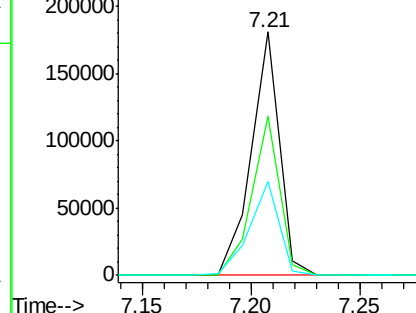
#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Tgt Ion:146 Resp: 162703
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 38.7 31.9 47.9

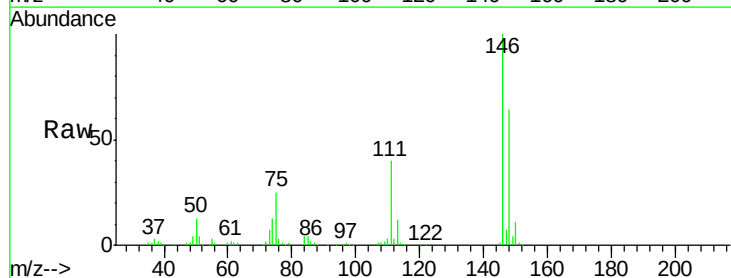


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

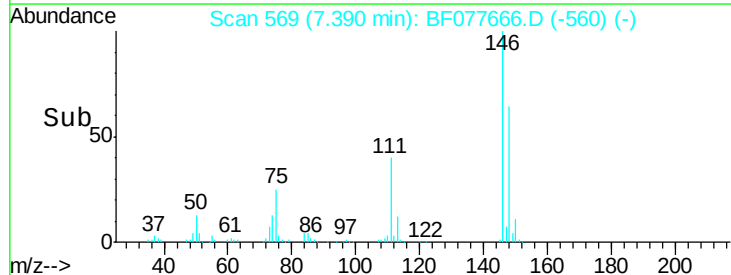
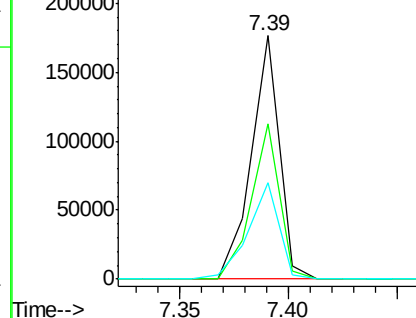


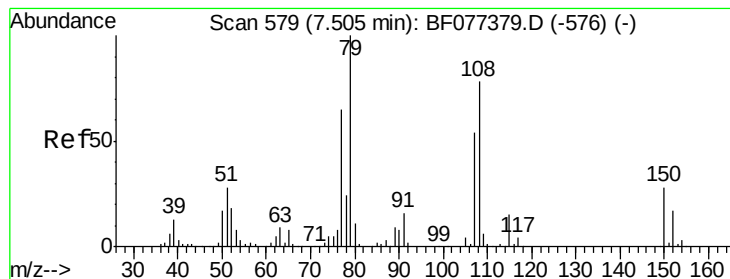
#14
 1,2-Dichlorobenzene
 Concen: 37.06 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:146 Resp: 157773
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 39.5 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 37.20 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

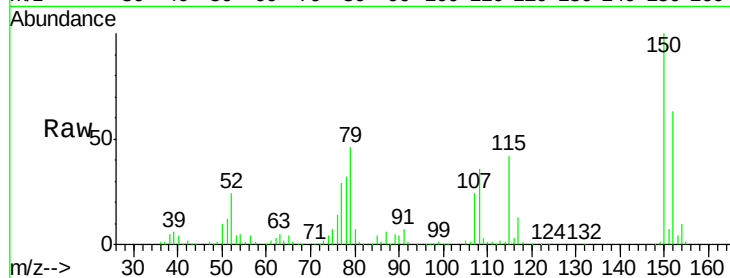
Tgt Ion: 79 Resp: 124515

Ion Ratio Lower Upper

79 100

108 78.2 58.3 87.5

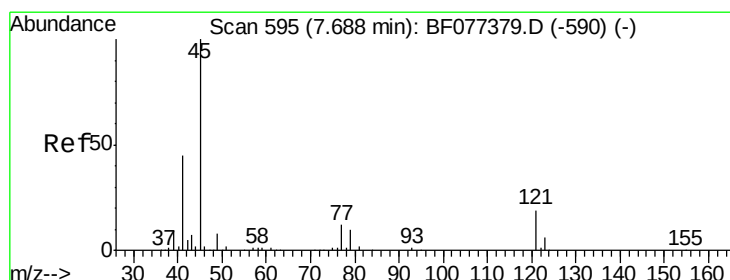
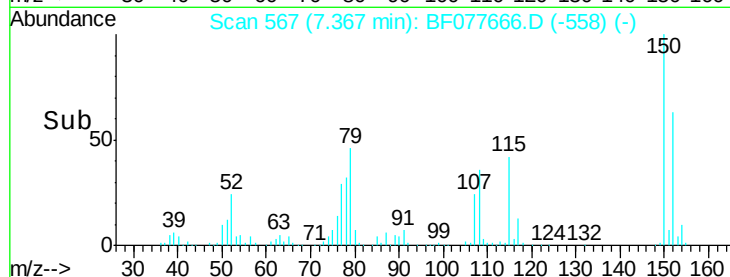
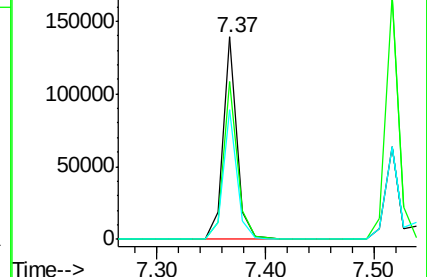
77 63.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.87 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

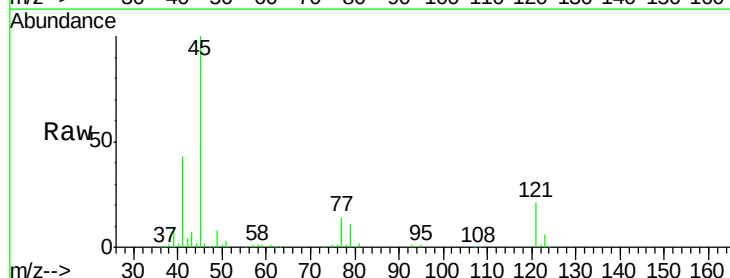
Tgt Ion: 45 Resp: 192511

Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.6

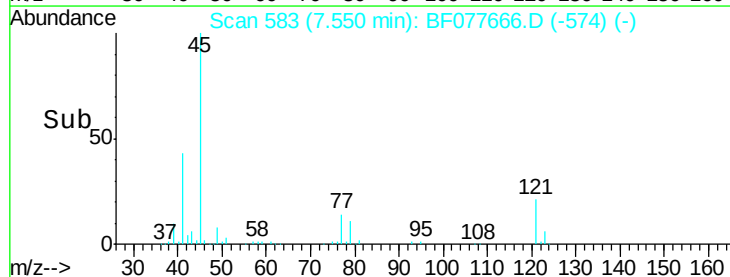
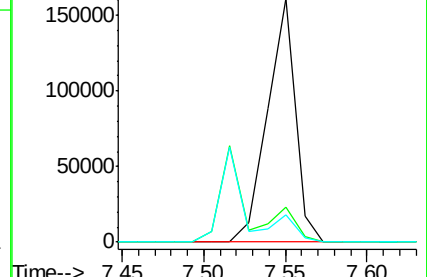
79 11.2 0.0 31.5

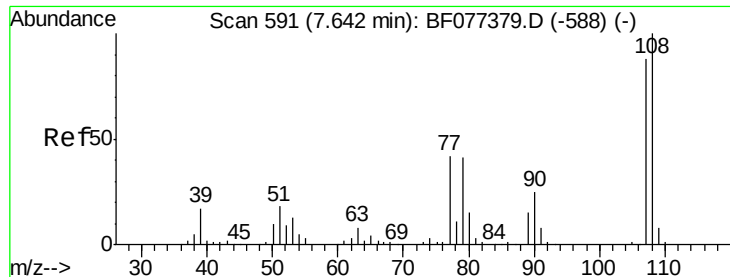


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

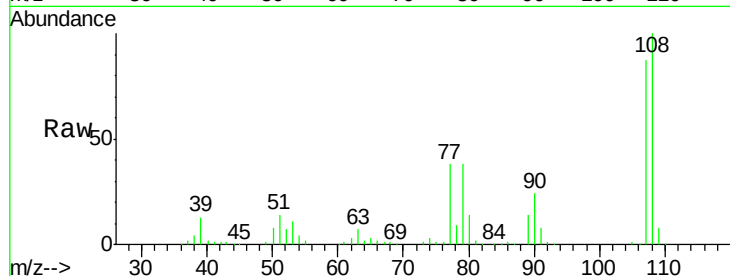




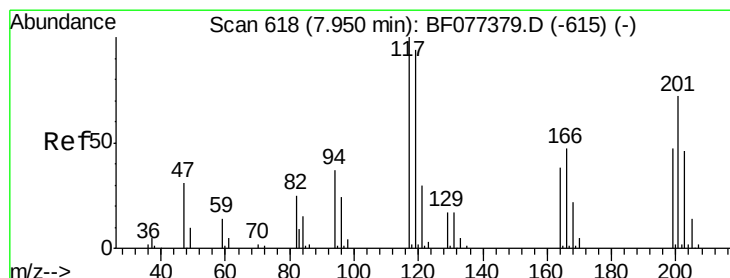
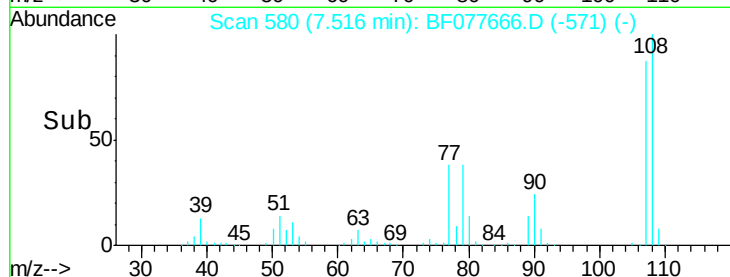
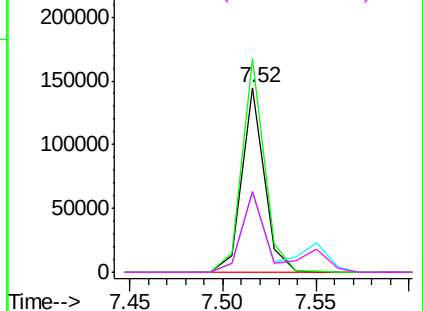
#17
2-Methylphenol
Concen: 38.55 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Instrument :
BNA_F
ClientSampleId :
PB82015BSD

Tgt Ion:107 Resp: 121726
Ion Ratio Lower Upper
107 100
108 115.5 91.2 136.8
77 43.8 33.6 50.4
79 43.6 32.1 48.1

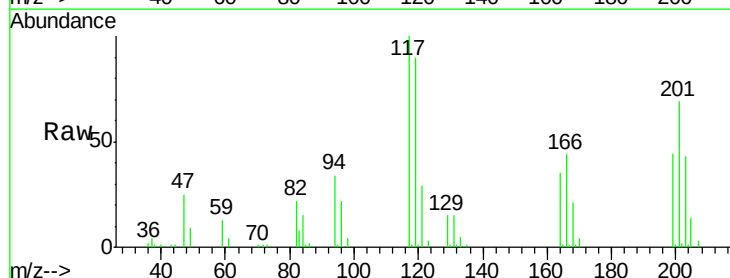


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

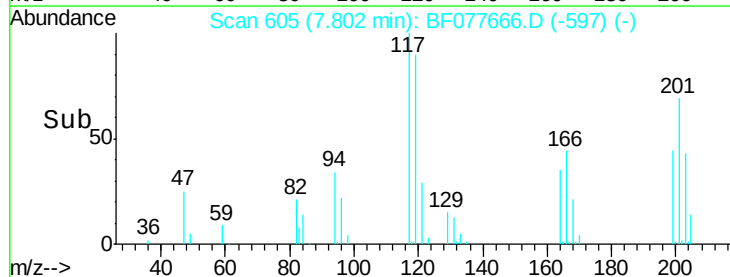
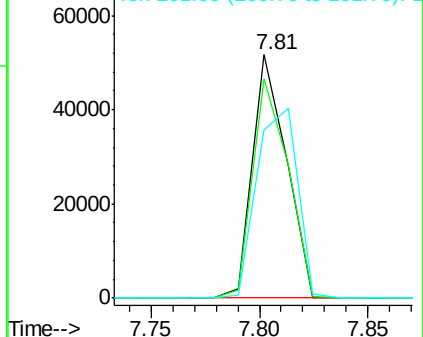


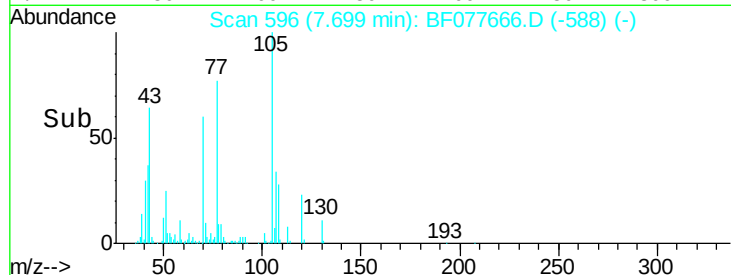
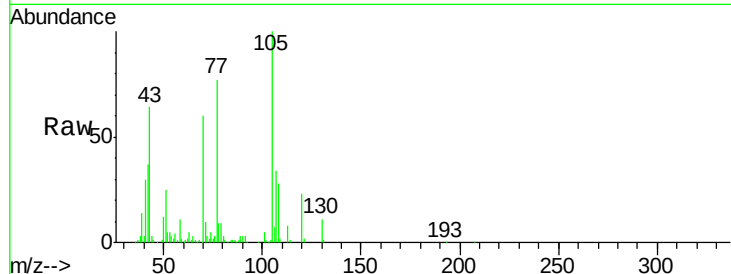
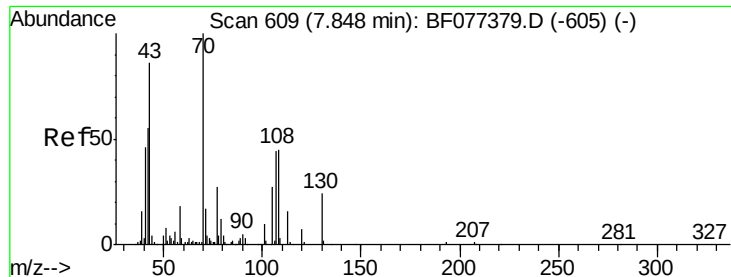
#18
Hexachloroethane
Concen: 37.48 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:117 Resp: 56027
Ion Ratio Lower Upper
117 100
119 89.9 77.8 116.8
201 68.8 90.6 136.0#



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

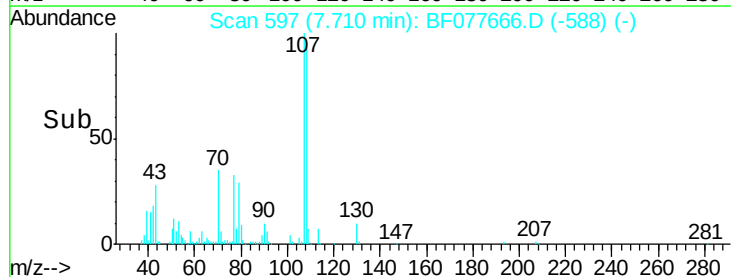
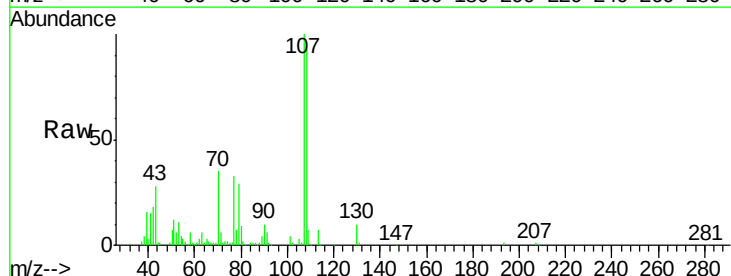
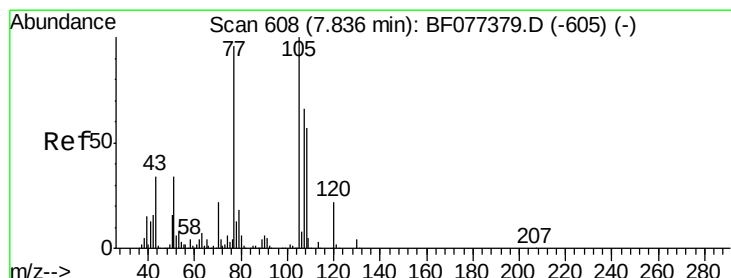
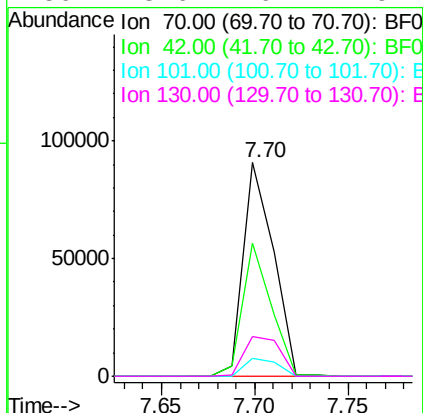




#19
n-Nitroso-di-n-propylamine
Concen: 36.49 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

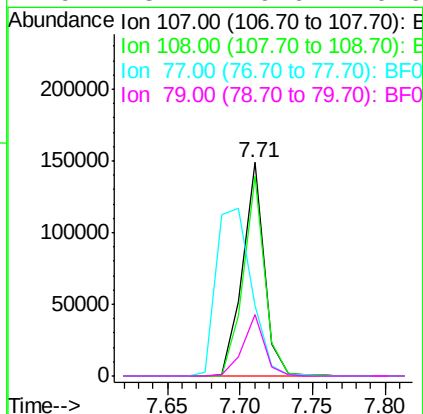
Instrument :
BNA_F
ClientSampleId :
PB82015BSD

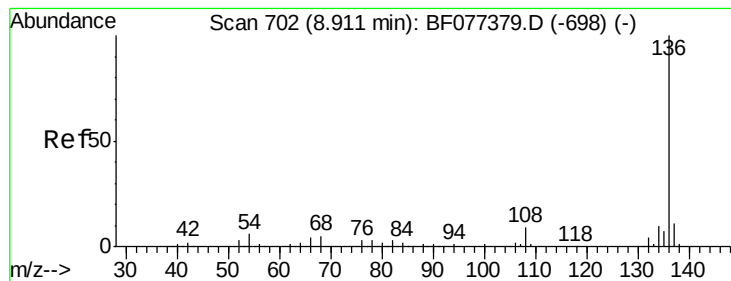
Tgt Ion:	70	Resp:	102021
Ion	Ratio	Lower	Upper
70	100		
42	62.4	48.3	72.5
101	8.6	7.5	11.3
130	18.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:	107	Resp:	156912
Ion	Ratio	Lower	Upper
107	100		
108	93.3	76.8	116.8
77	32.8	65.8	105.8#
79	28.7	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

Tgt Ion:136 Resp: 232616

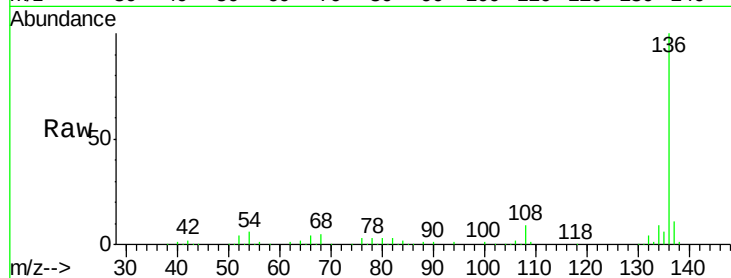
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.4 6.2 9.4

68 5.2 5.0 7.6

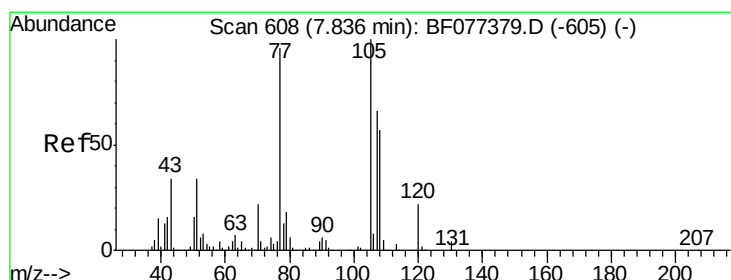
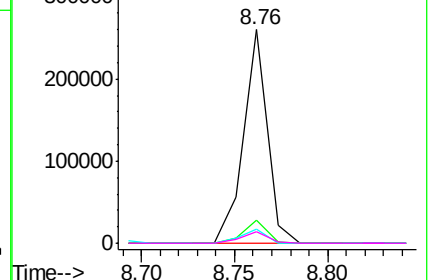
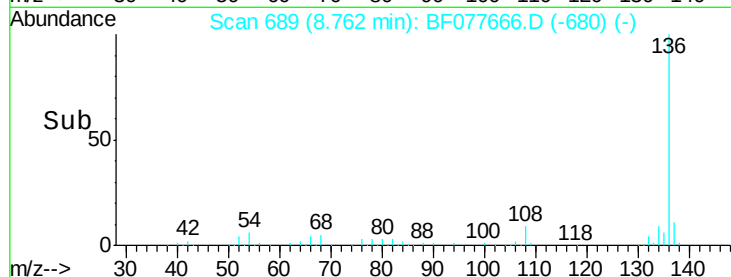


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.26 ng

RT: 7.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Tgt Ion:105 Resp: 203885

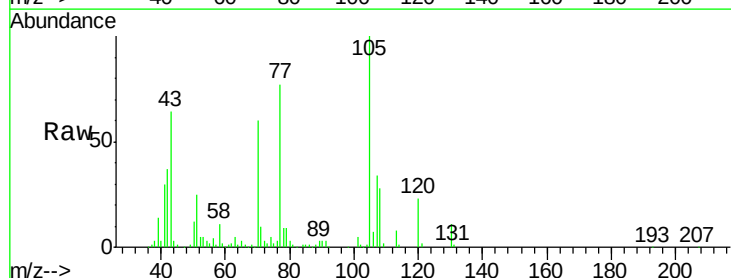
Ion Ratio Lower Upper

105 100

71 10.1 1.7 2.5#

51 25.2 30.7 46.1#

120 22.6 16.7 25.1

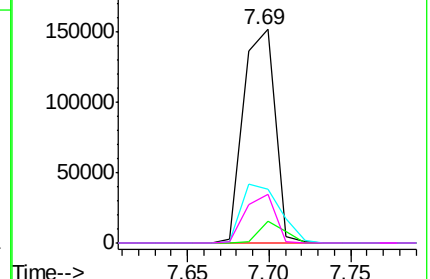
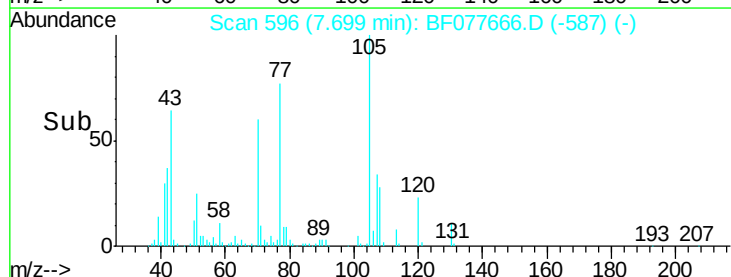


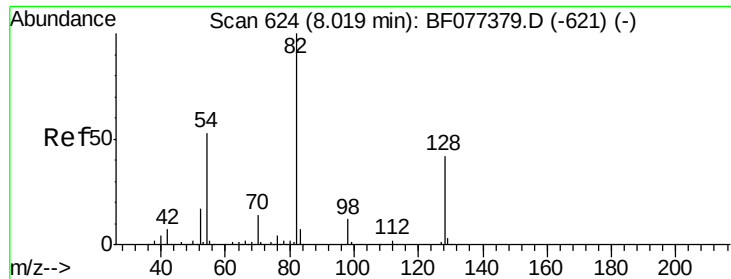
Abundance Ion 105.00 (104.70 to 105.70): E

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

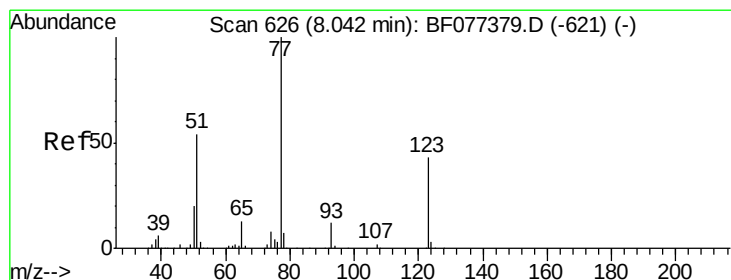
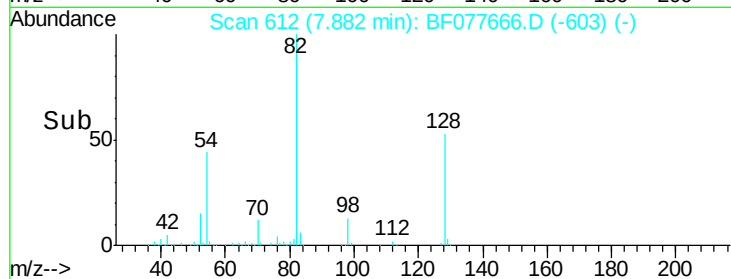
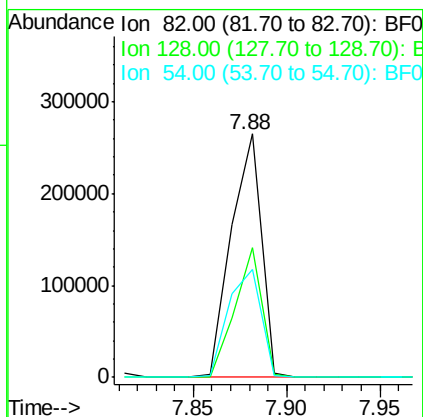
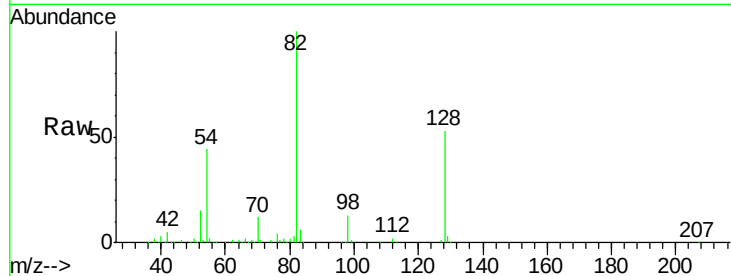




#23
 Nitrobenzene-d5
 Concen: 80.75 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

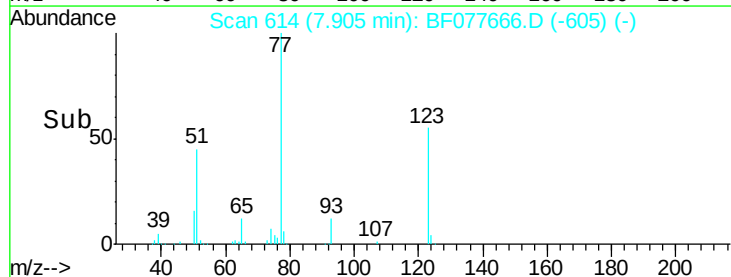
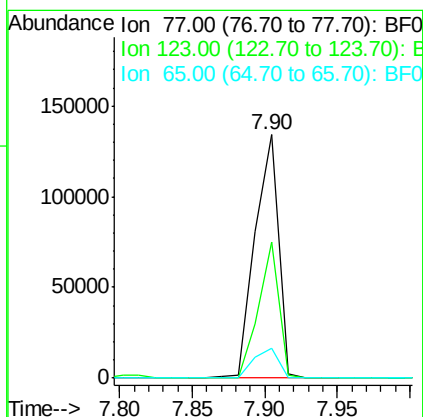
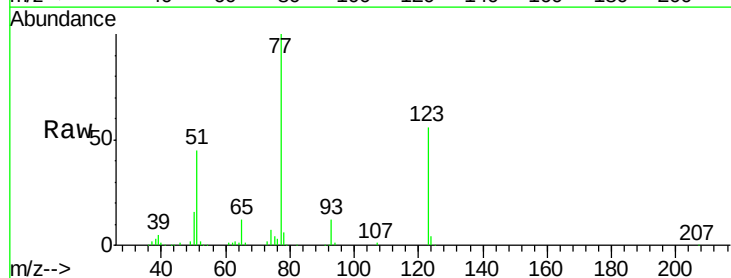
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

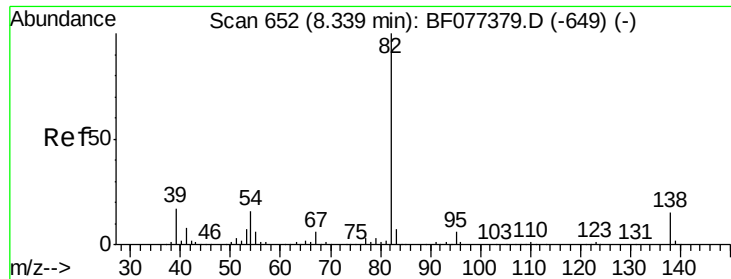
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.1	43.8	65.8
54	44.4	36.7	55.1



#24
 Nitrobenzene
 Concen: 38.38 ng
 RT: 7.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.1	45.9	68.9
65	12.1	9.5	14.3





#25

Isophorone

Concen: 37.30 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

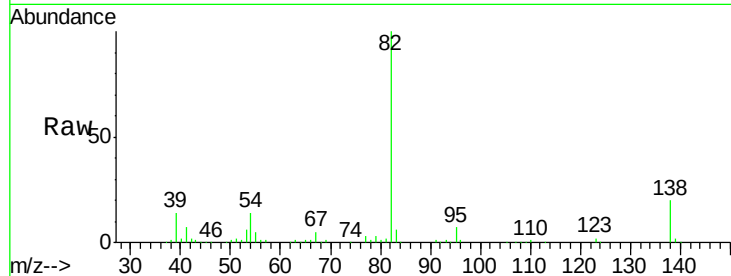
Tgt Ion: 82 Resp: 276796

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

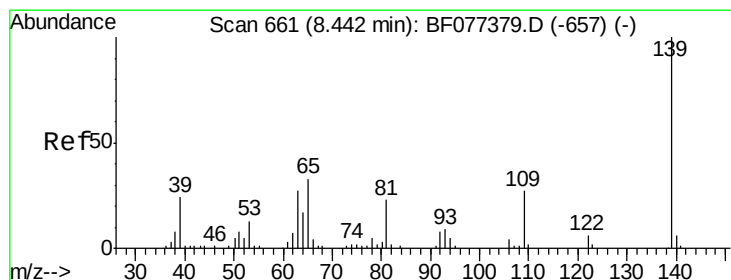
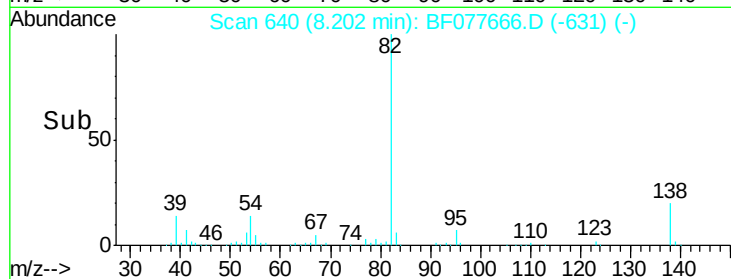
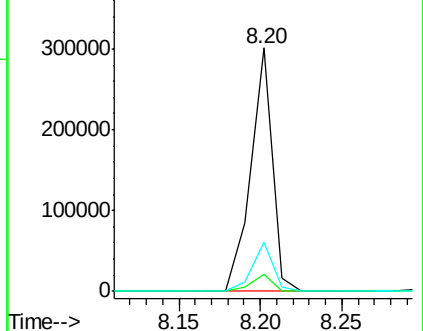
138 20.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BF077379.D (-649) (-)

Ion 138.00 (137.70 to 138.70): BF077379.D (-649) (-)



#26

2-Nitrophenol

Concen: 46.13 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

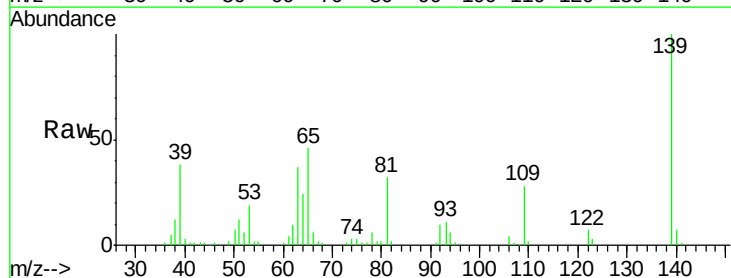
Tgt Ion: 139 Resp: 74409

Ion Ratio Lower Upper

139 100

109 28.1 22.6 34.0

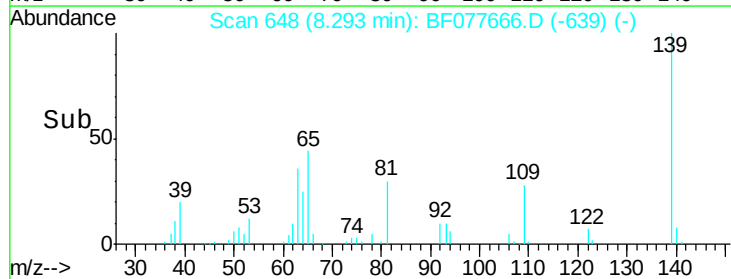
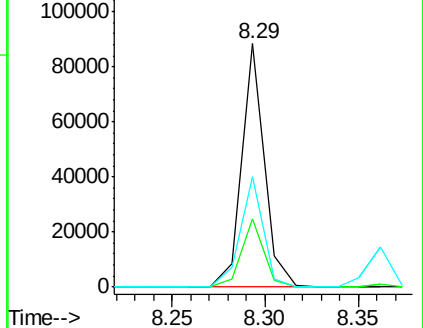
65 45.6 36.4 54.6

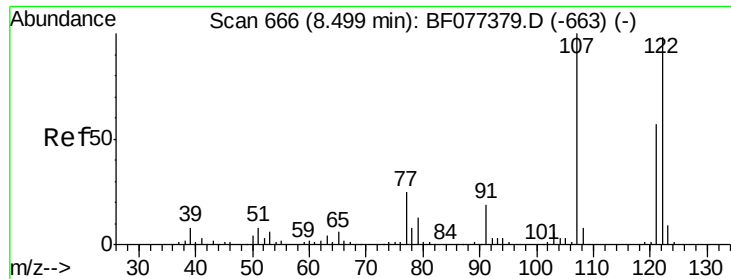


Abundance Ion 139.00 (138.70 to 139.70): BF077379.D (-657) (-)

Ion 109.00 (108.70 to 109.70): BF077379.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BF077379.D (-657) (-)

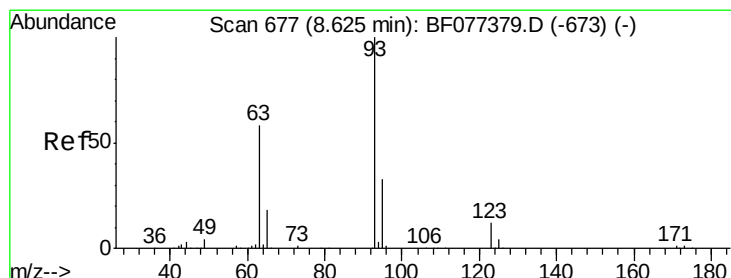
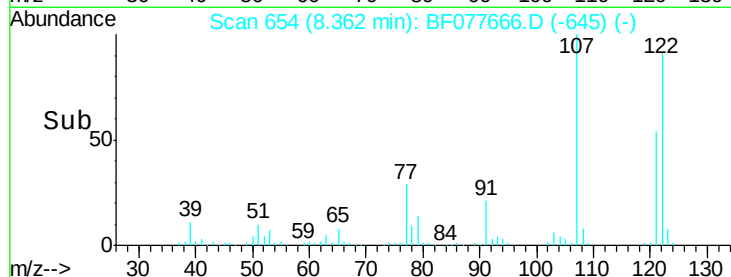
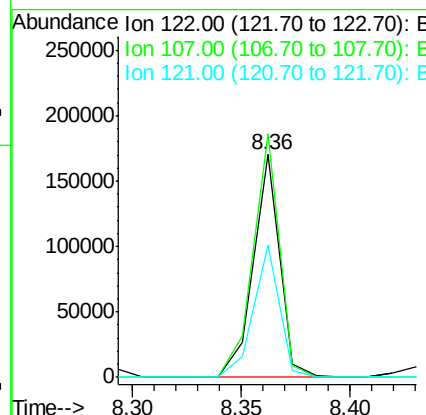
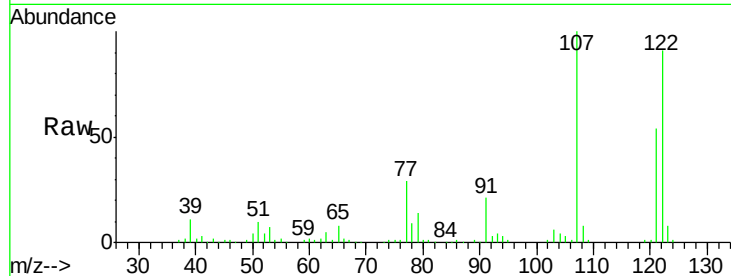




#27
 2,4-Dimethylphenol
 Concen: 39.53 ng
 RT: 8.36 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

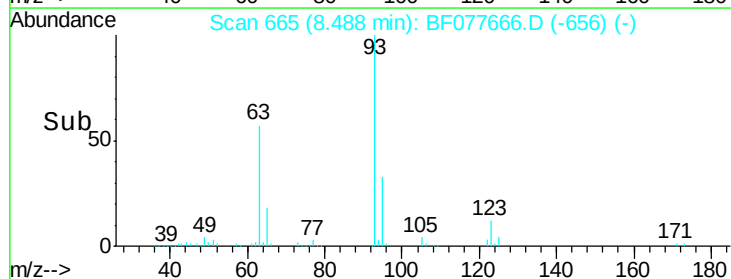
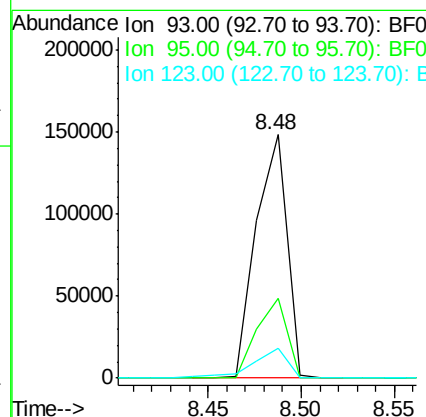
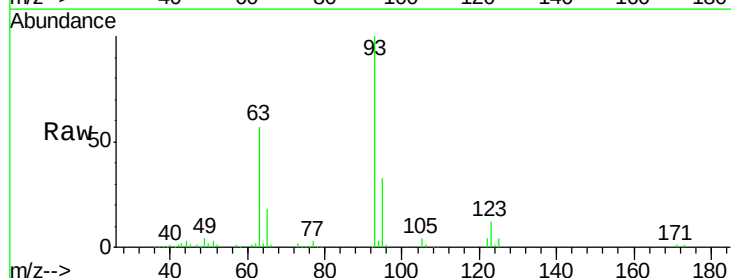
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

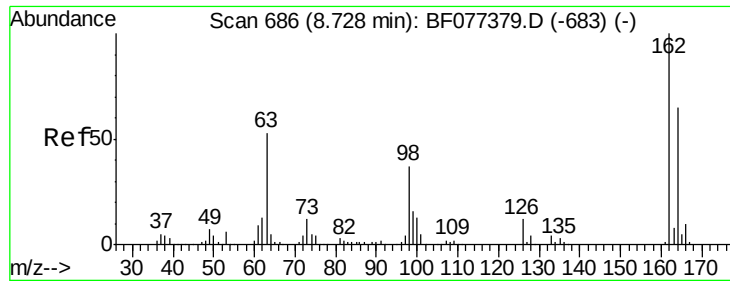
Tgt Ion: 122 Resp: 142660
 Ion Ratio Lower Upper
 122 100
 107 109.3 86.6 130.0
 121 59.3 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.23 ng
 RT: 8.48 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion: 93 Resp: 169853
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 12.2 8.7 13.1

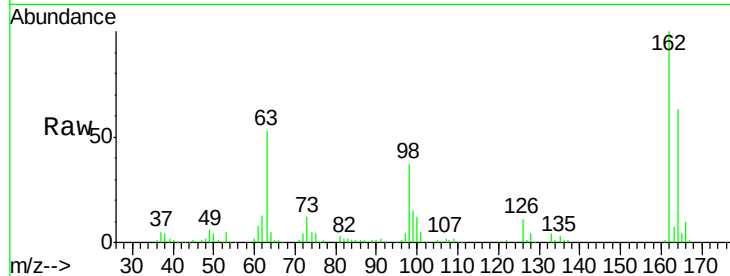




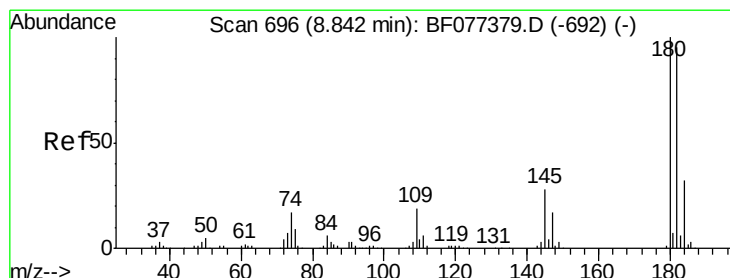
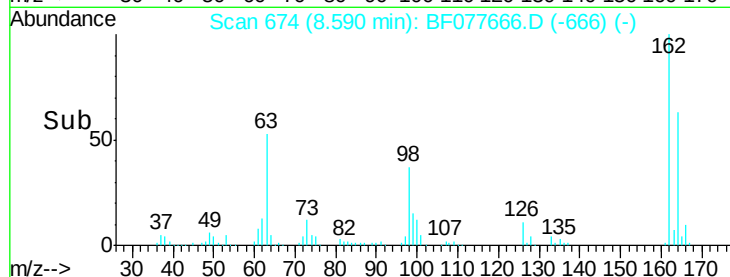
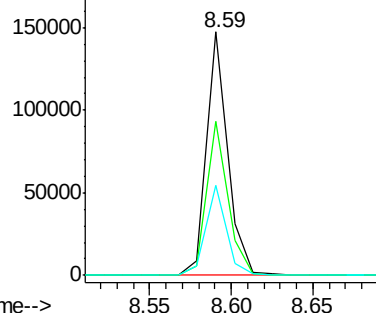
#29
 2,4-Dichlorophenol
 Concen: 38.57 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.4	86.4
98	36.8	6.9	46.9

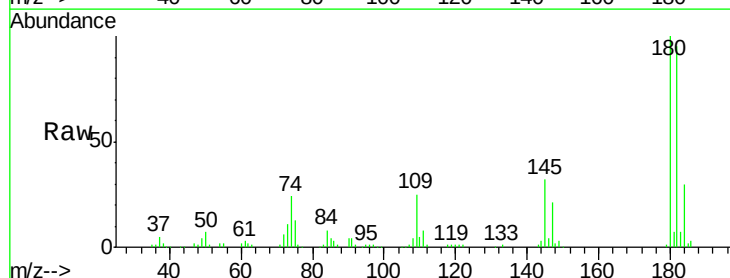


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

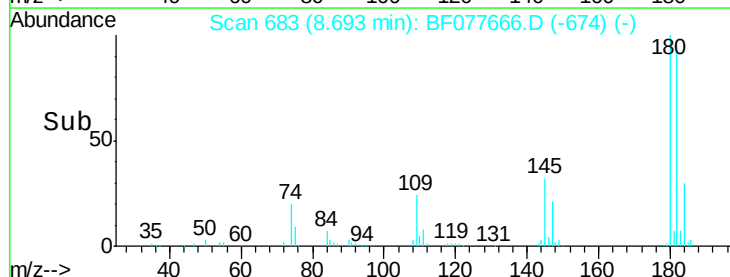
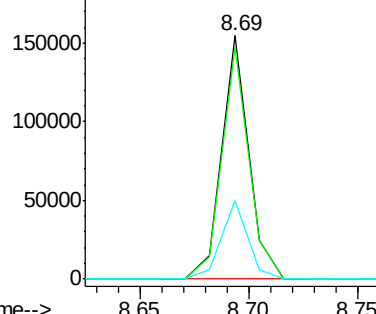


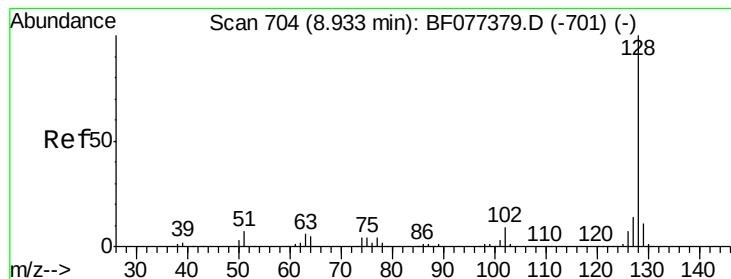
#30
 1,2,4-Trichlorobenzene
 Concen: 35.79 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
145	32.2	24.5	36.7



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: 37.51 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

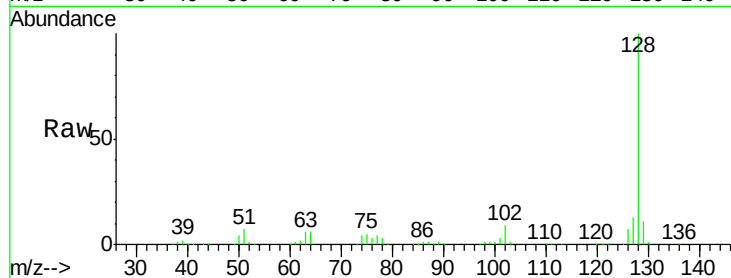
Tgt Ion:128 Resp: 436332

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

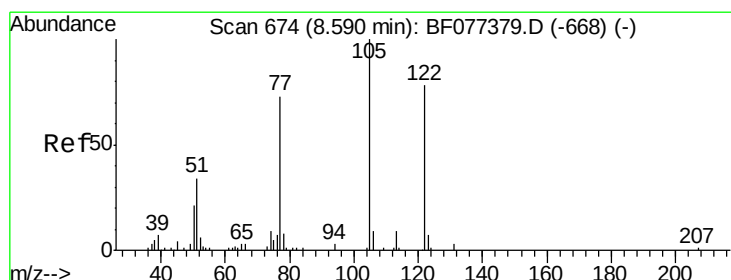
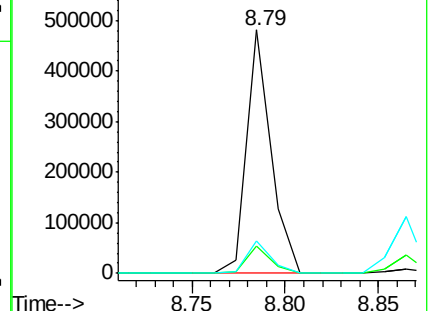
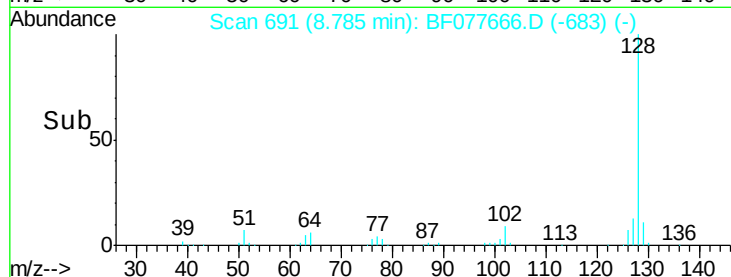
127 13.1 10.6 15.8



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: 40.71 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

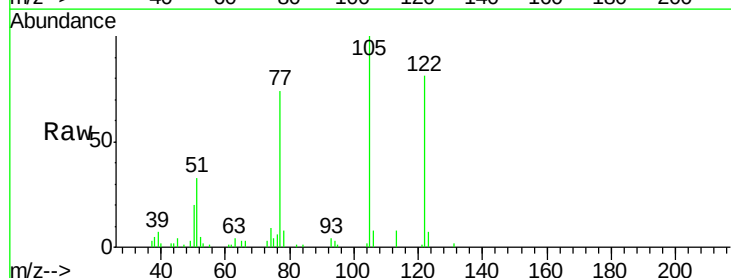
Tgt Ion:122 Resp: 71389

Ion Ratio Lower Upper

122 100

105 123.0 100.3 140.3

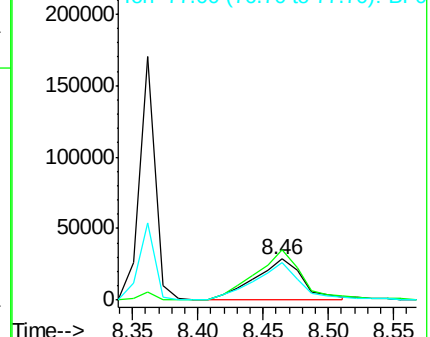
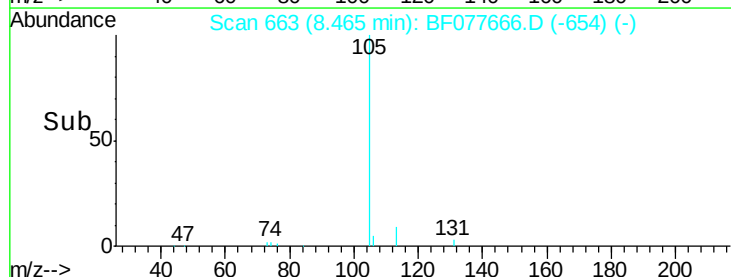
77 91.3 68.7 108.7

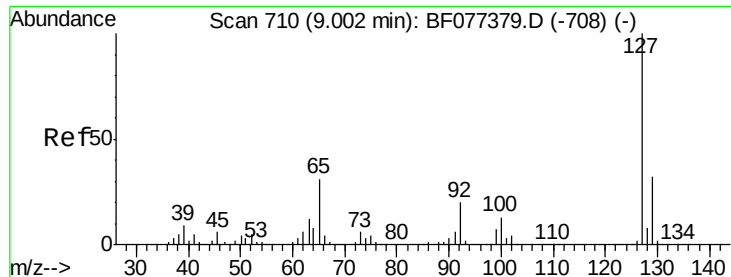


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

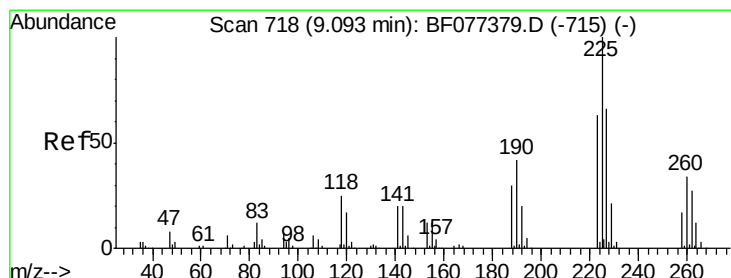
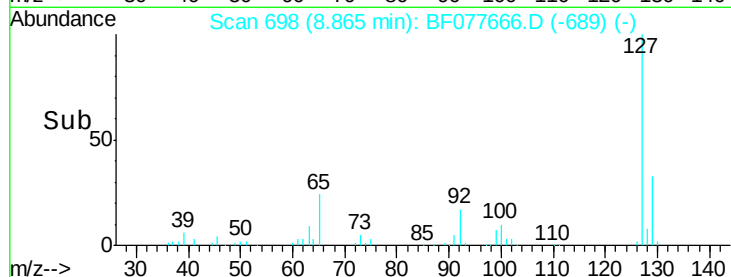
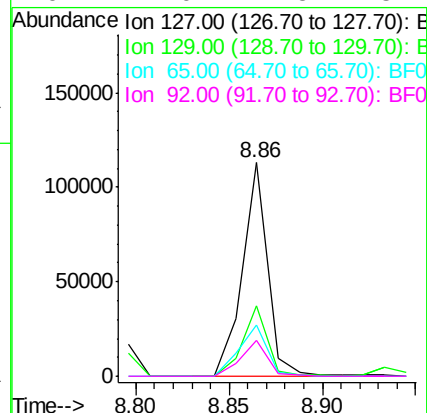
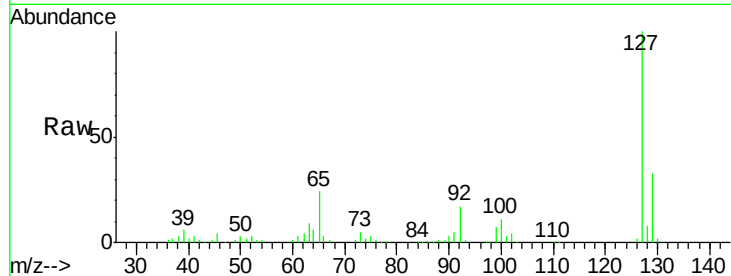




#33
4-Chloroaniline
Concen: 20.80 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

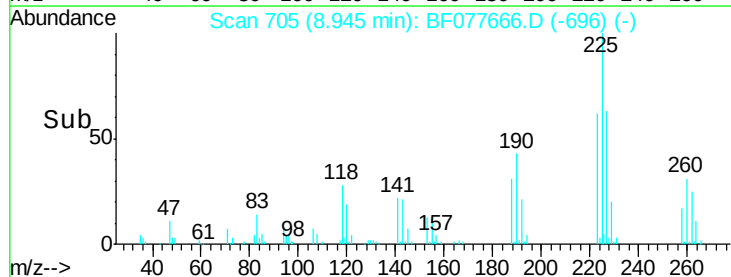
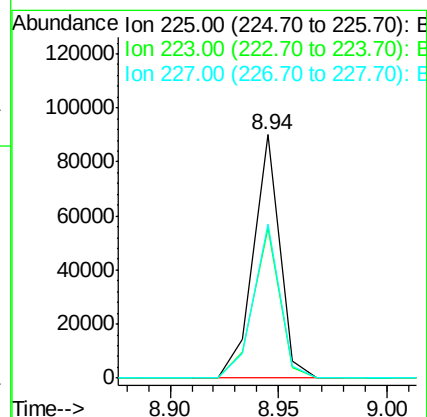
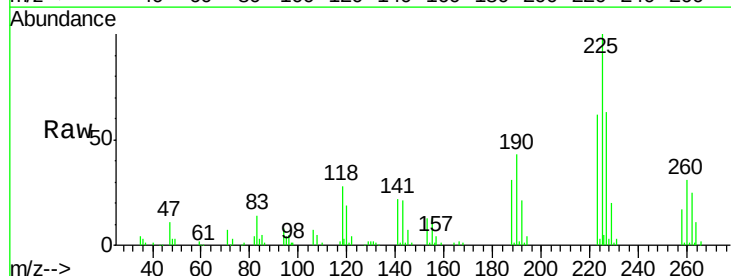
Instrument :
BNA_F
ClientSampleId :
PB82015BSD

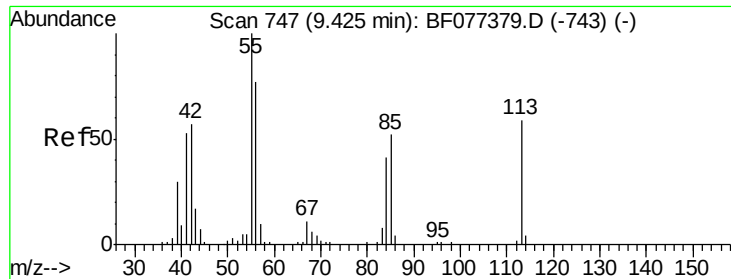
Tgt Ion:	127	Resp:	107570
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.9	40.3
65	24.2	16.7	25.1
92	17.0	12.5	18.7



#34
Hexachlorobutadiene
Concen: 35.74 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:	225	Resp:	76001
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.5	74.3
227	63.5	50.5	75.7

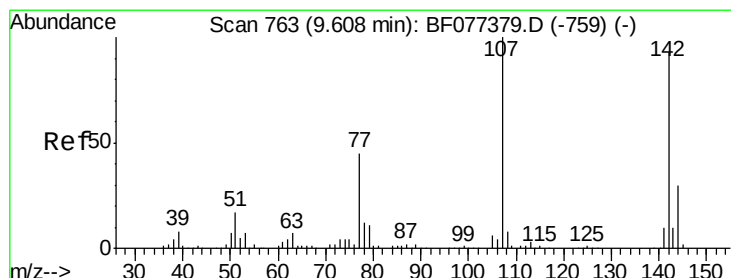
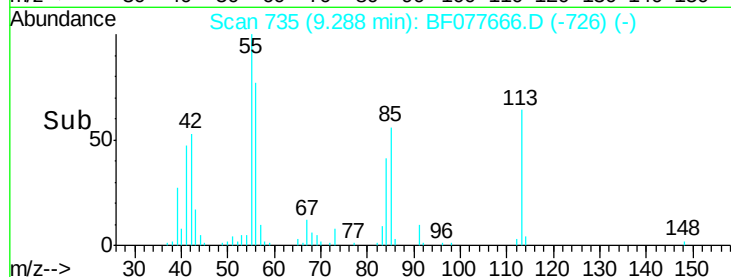
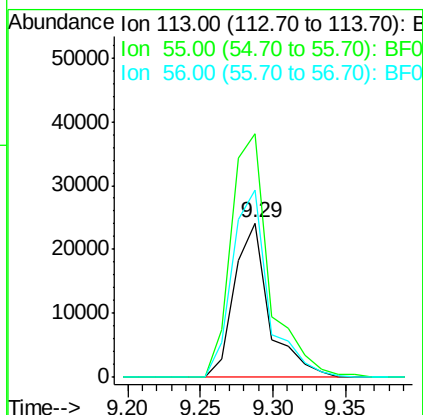
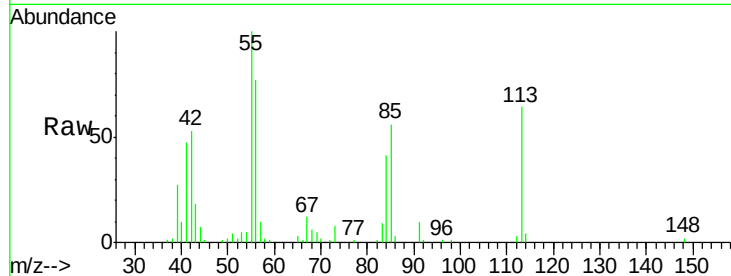




#35
 Caprolactam
 Concen: 39.04 ng
 RT: 9.29 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

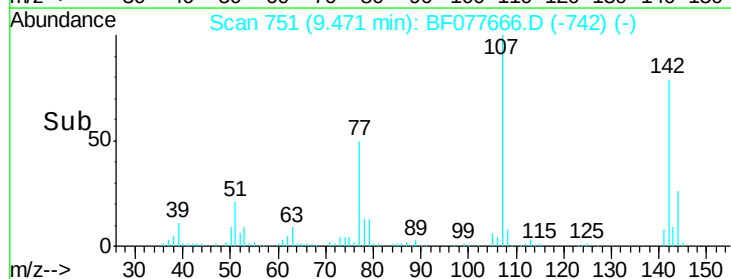
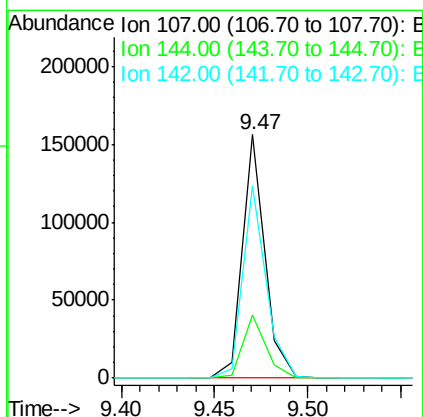
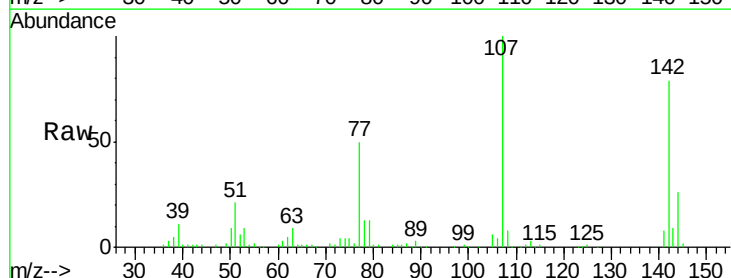
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

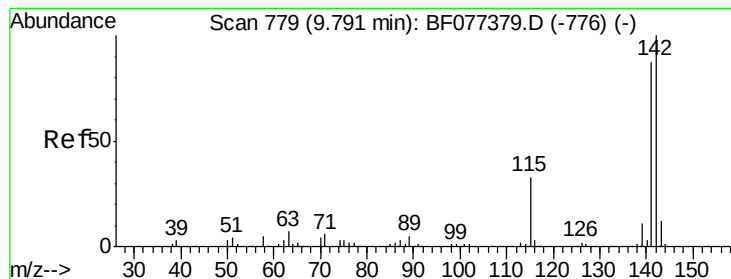
Tgt Ion:113 Resp: 40377
 Ion Ratio Lower Upper
 113 100
 55 157.4 154.6 194.6
 56 120.9 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.86 ng
 RT: 9.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:107 Resp: 132329
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.1 31.7
 142 79.3 65.3 97.9

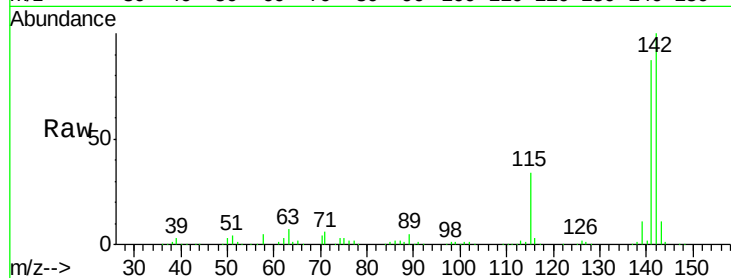




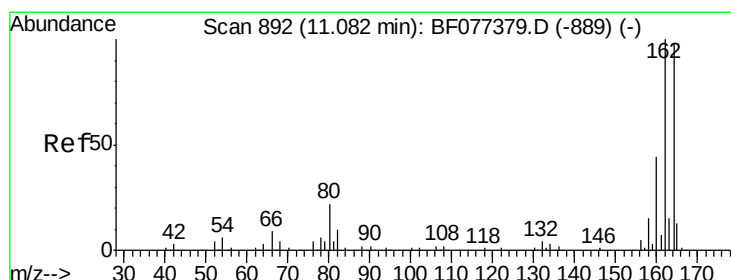
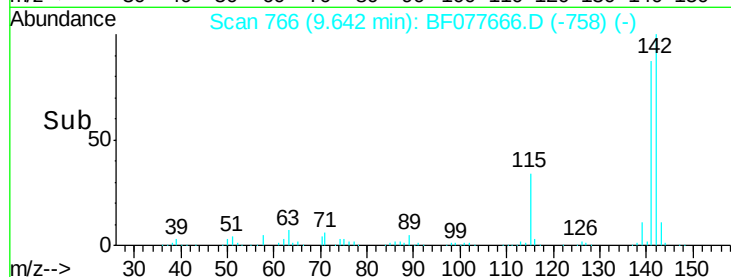
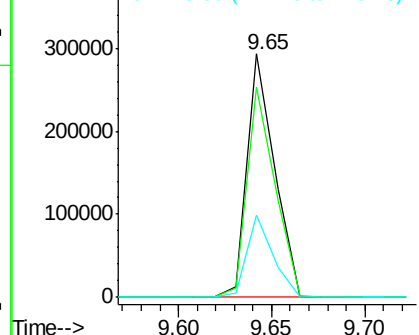
#37
 2-Methylnaphthalene
 Concen: 36.32 ng
 RT: 9.65 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.7	106.1
115	33.8	24.2	36.4

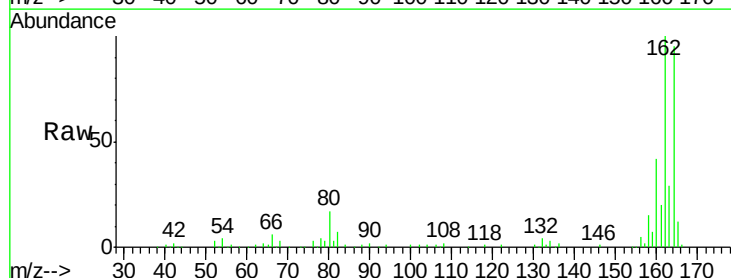


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

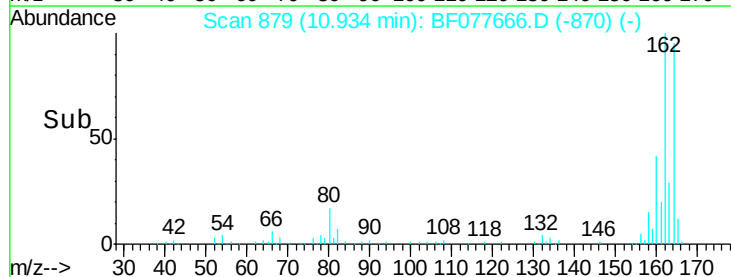
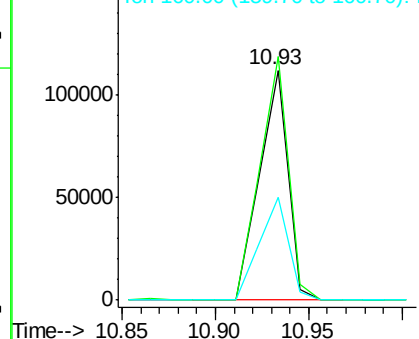


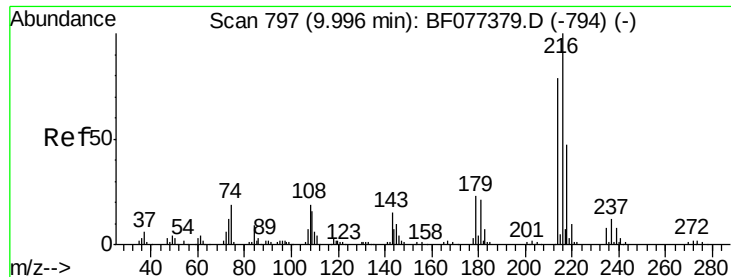
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.2	124.8
160	44.5	34.6	52.0



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: 38.30 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

Tgt Ion:216 Resp: 128948

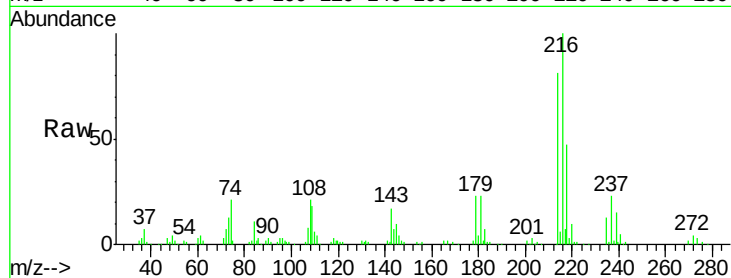
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.0

179 21.8 16.6 25.0

108 21.8 14.2 21.4#

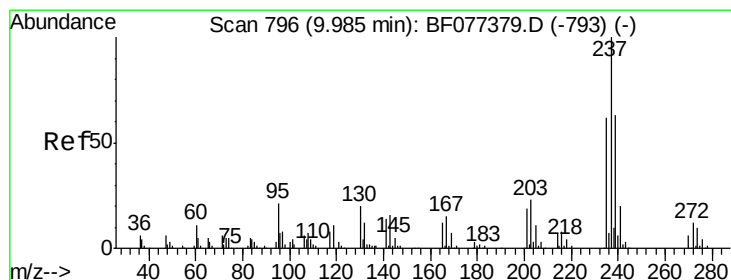
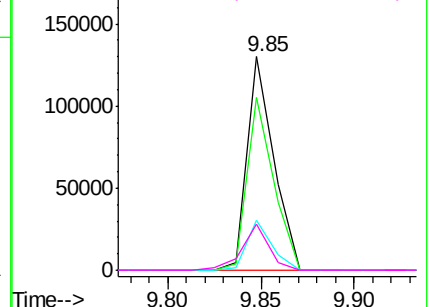
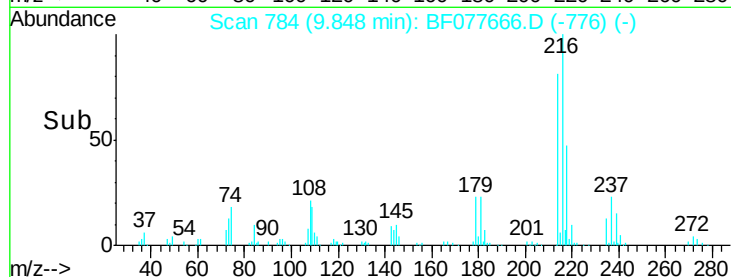


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.23 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

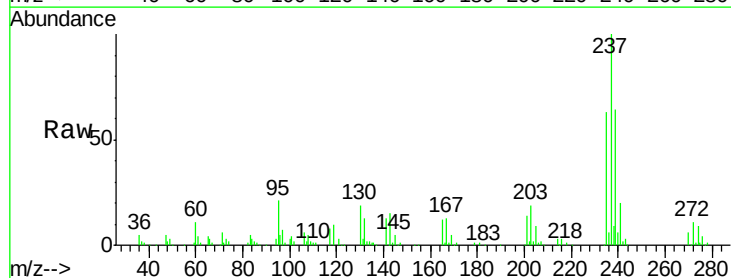
Tgt Ion:237 Resp: 132200

Ion Ratio Lower Upper

237 100

235 63.0 41.0 81.0

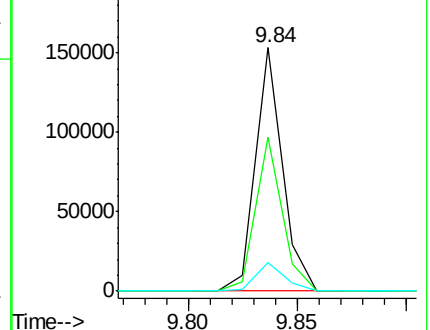
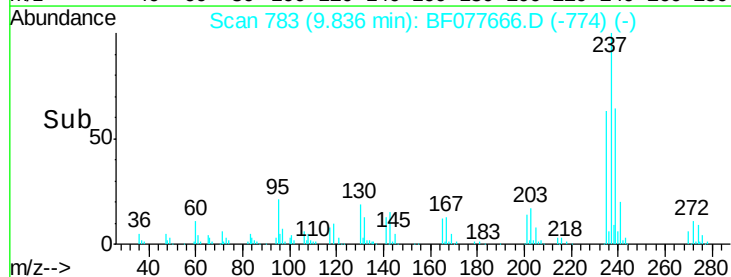
272 11.5 0.0 34.3

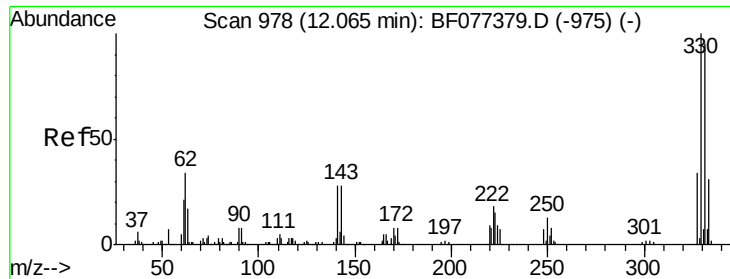


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

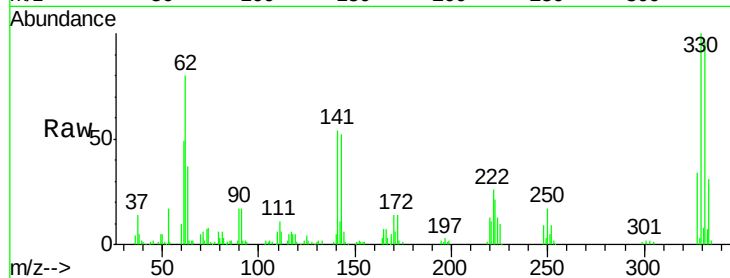




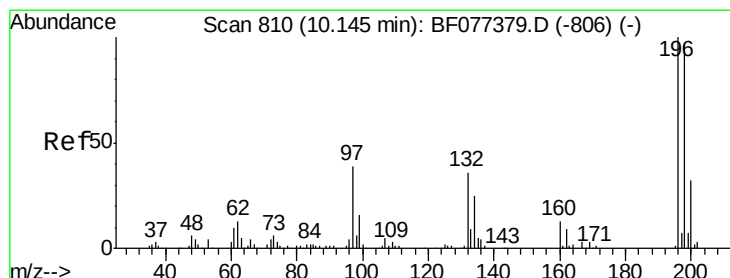
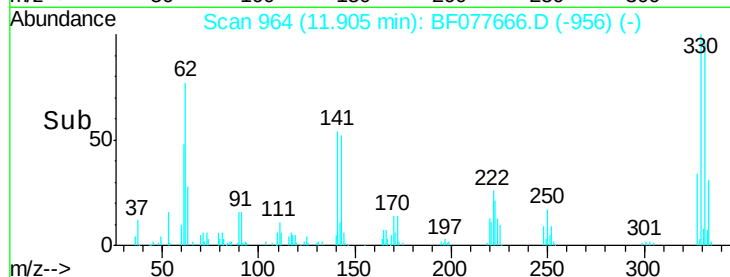
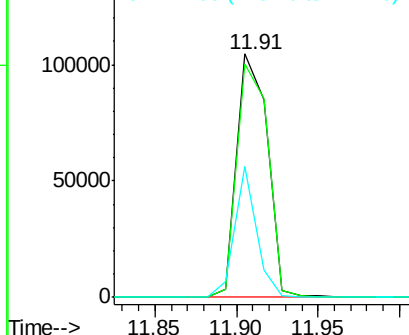
#41
 2,4,6-Tribromophenol
 Concen: 119.97 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Tgt Ion:330 Resp: 135534
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 38.3 28.8 43.2

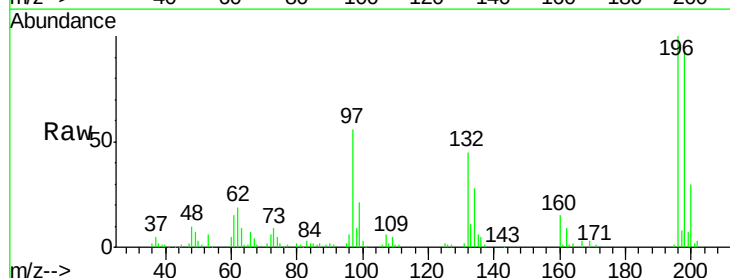


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

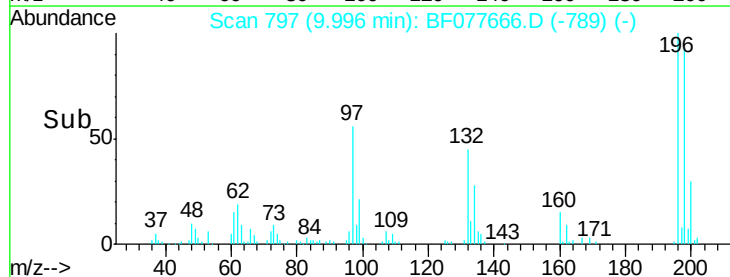
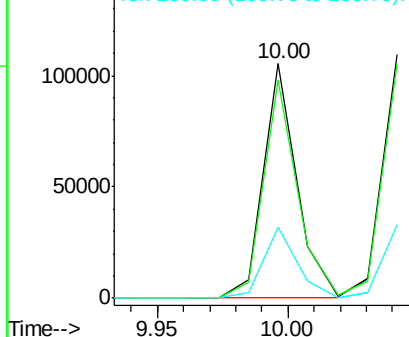


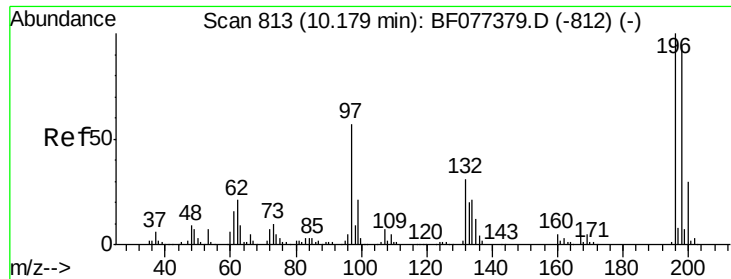
#42
 2,4,6-Trichlorophenol
 Concen: 42.41 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:196 Resp: 94559
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.8 113.8
 200 30.3 24.2 36.4



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

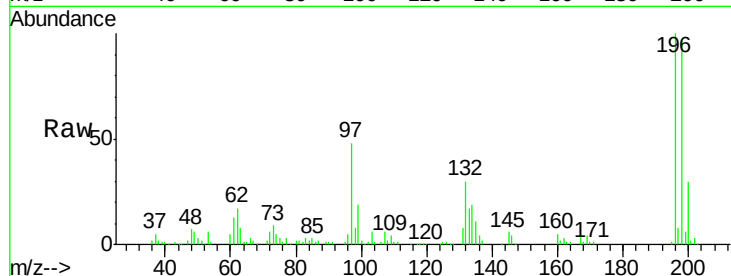




#43
2,4,5-Trichlorophenol
Concen: 42.84 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Instrument :
BNA_F
ClientSampleId :
PB82015BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.2	115.8
97	47.9	27.7	41.5#
132	29.9	18.0	27.0#



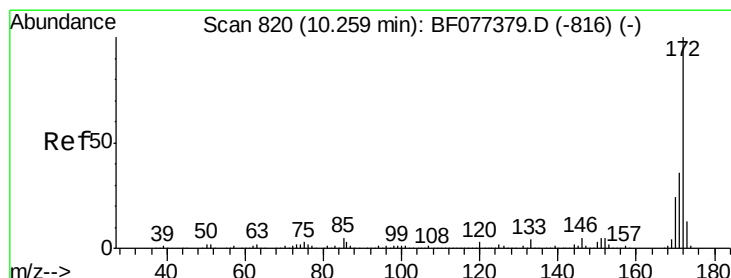
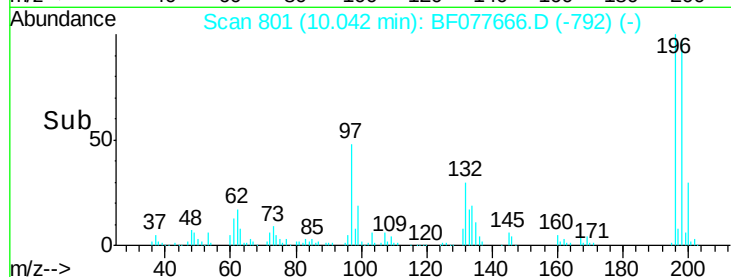
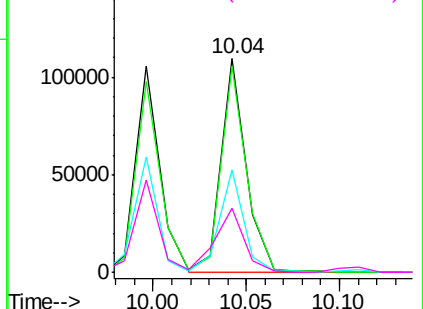
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

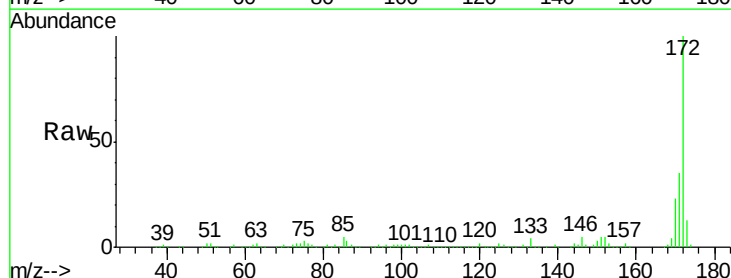
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 86.62 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.4	19.4	29.2

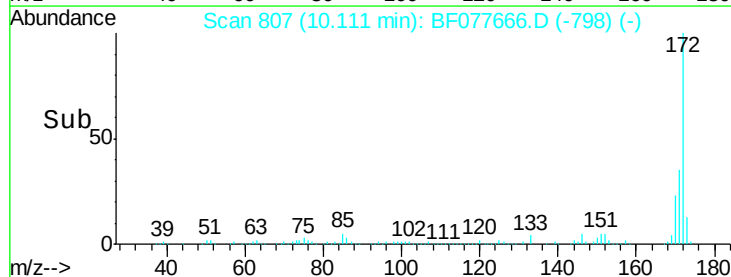
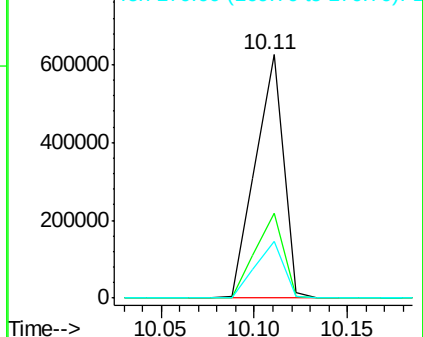


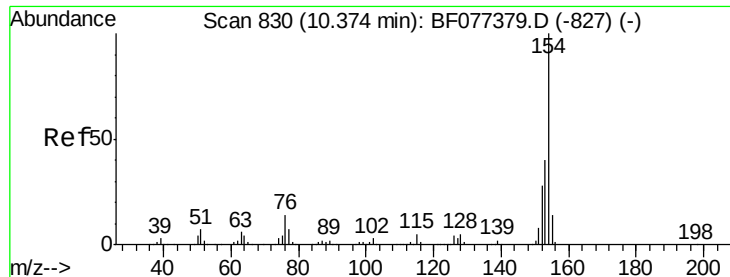
Abundance

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

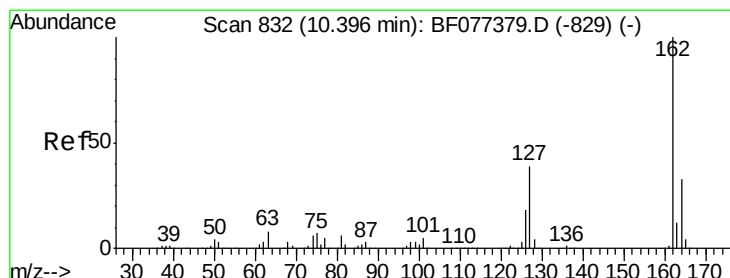
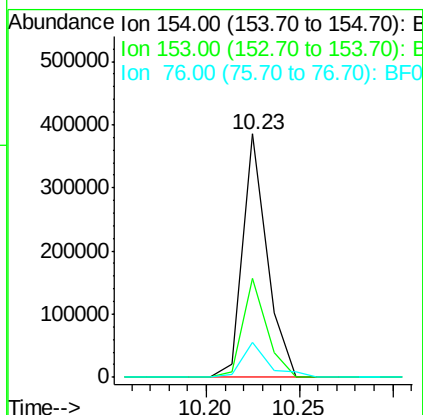
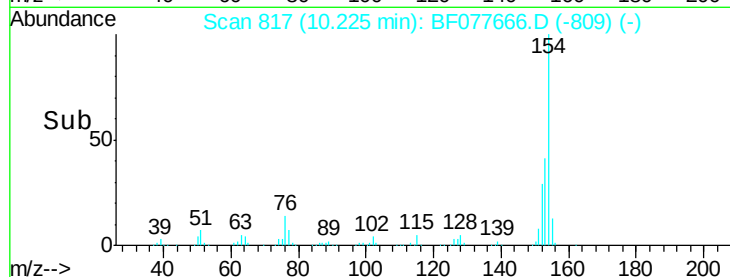
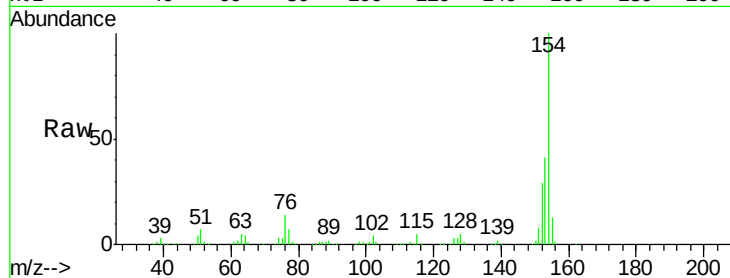




#45
 1,1'-Biphenyl
 Concen: 39.23 ng
 RT: 10.23 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

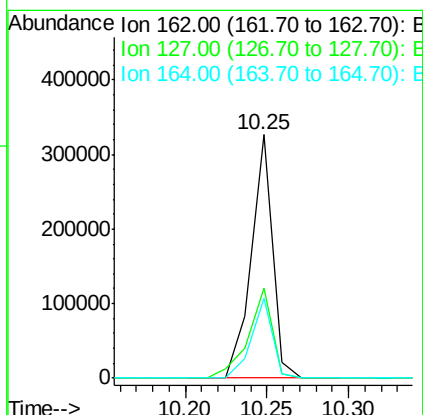
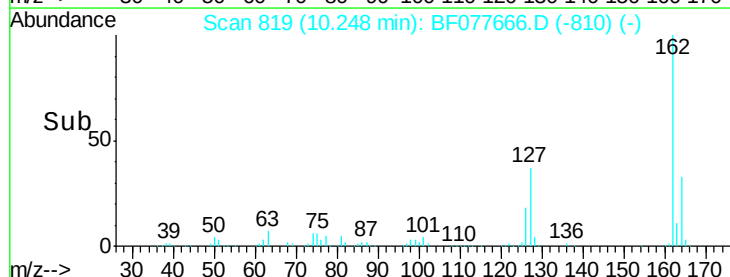
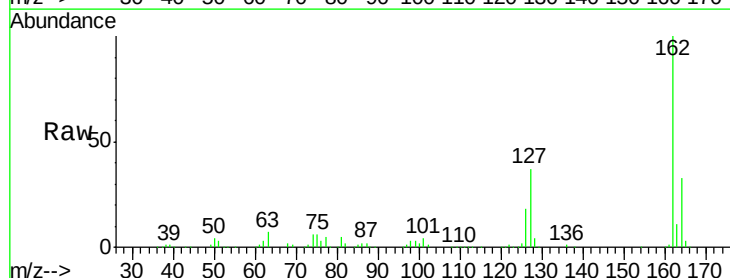
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

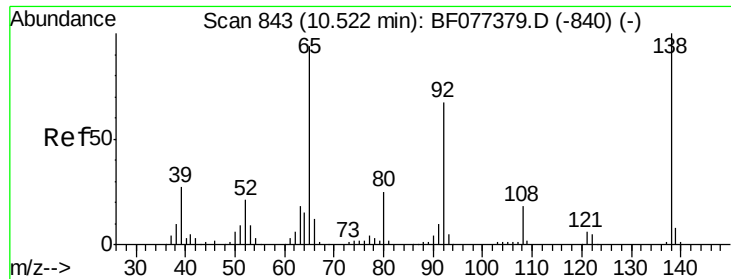
Tgt Ion:	154	Resp:	348747
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	14.1	0.0	29.4



#46
 2-Chloronaphthalene
 Concen: 42.31 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:	162	Resp:	294979
Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.3	49.9
164	32.8	26.2	39.4

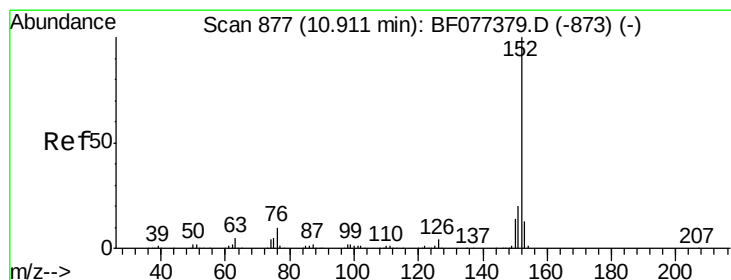
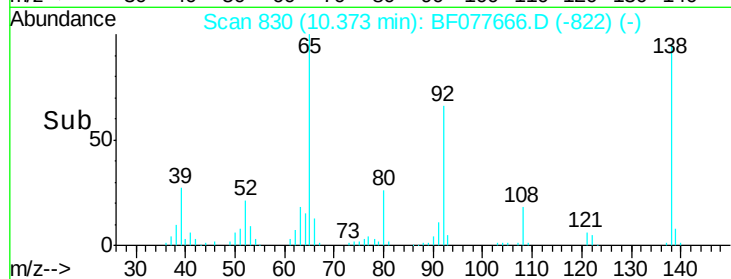
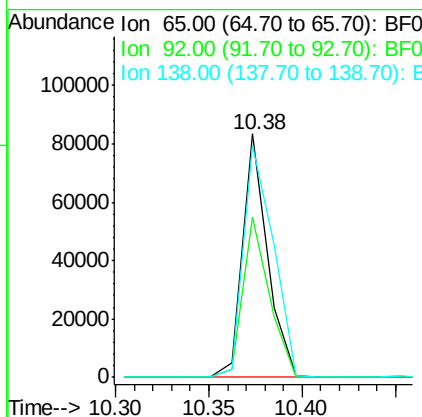
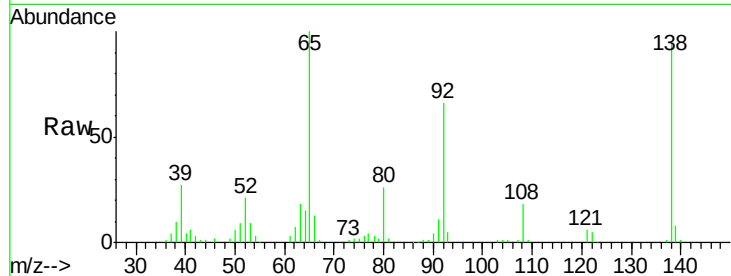




#47
 2-Nitroaniline
 Concen: 45.23 ng
 RT: 10.38 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

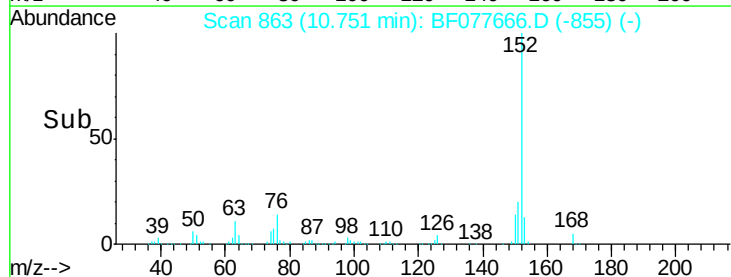
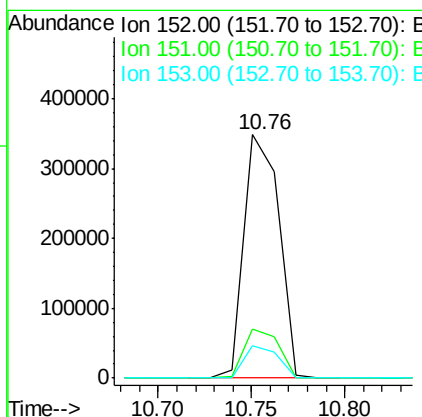
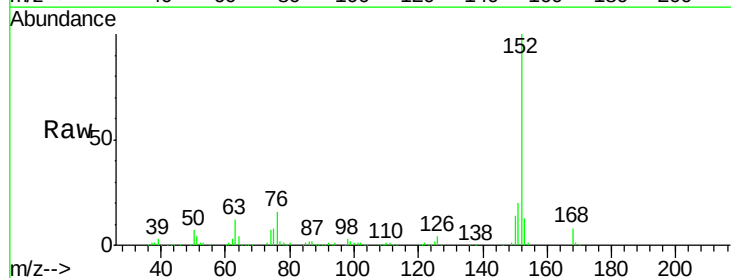
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

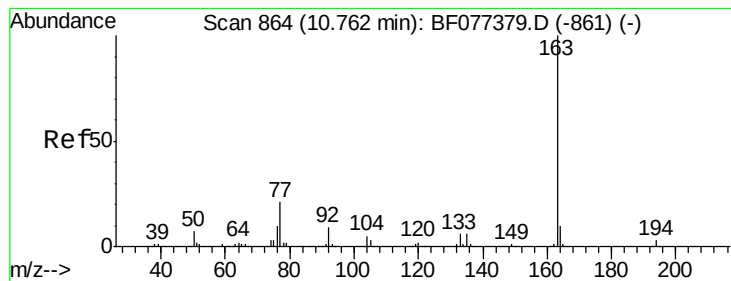
Tgt Ion: 65 Resp: 77618
 Ion Ratio Lower Upper
 65 100
 92 65.6 52.4 78.6
 138 95.5 73.4 110.0



#48
 Acenaphthylene
 Concen: 41.07 ng
 RT: 10.76 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion: 152 Resp: 453282
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.1 24.1
 153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 39.11 ng

RT: 10.62 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

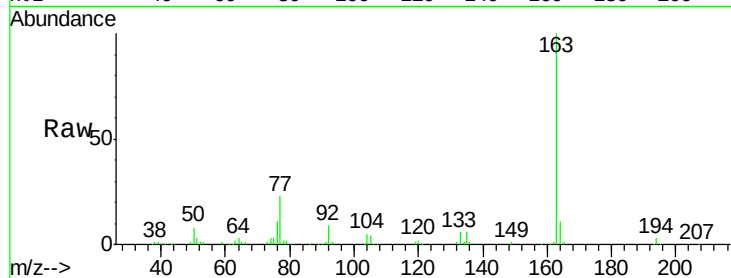
Tgt Ion:163 Resp: 322586

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

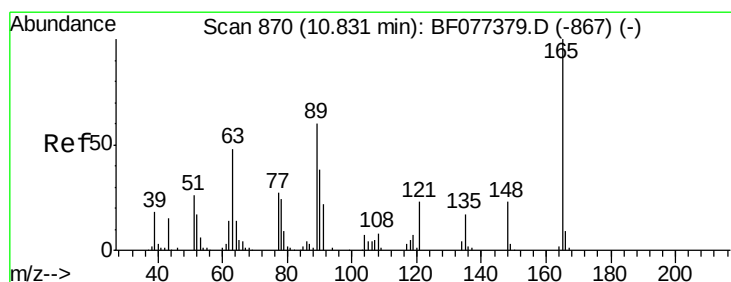
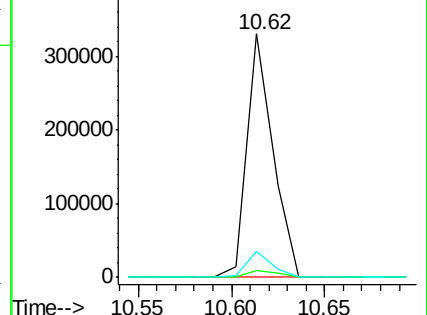
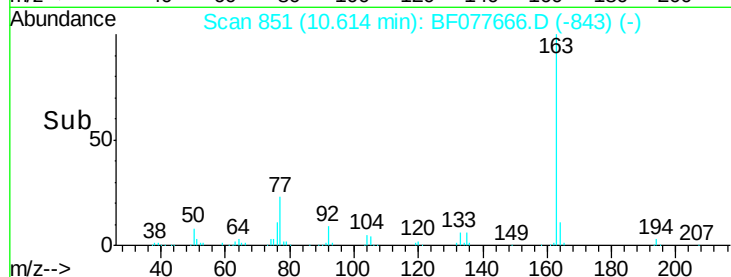
164 10.7 8.6 13.0



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: 42.79 ng

RT: 10.69 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

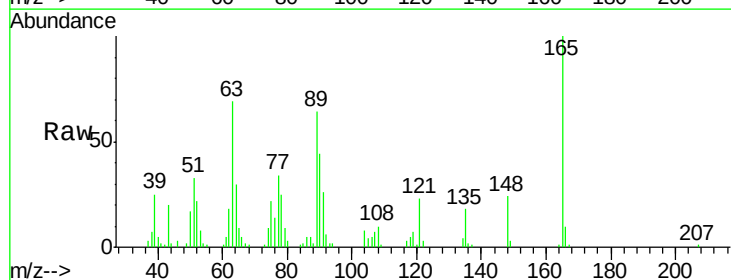
Tgt Ion:165 Resp: 70765

Ion Ratio Lower Upper

165 100

63 69.1 25.2 37.8#

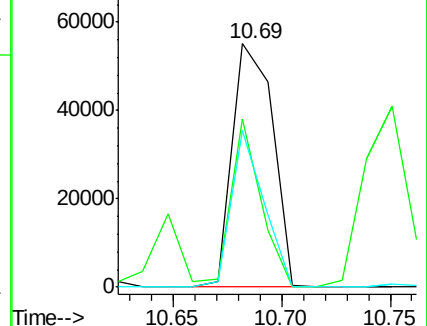
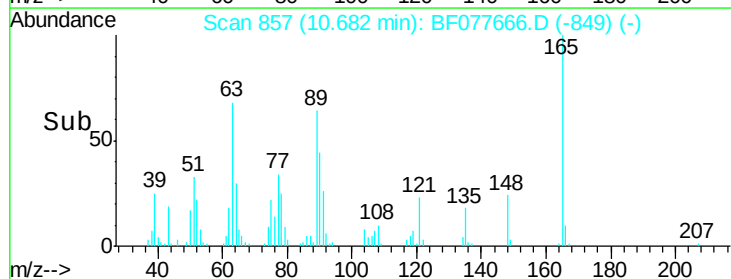
89 64.5 30.5 45.7#

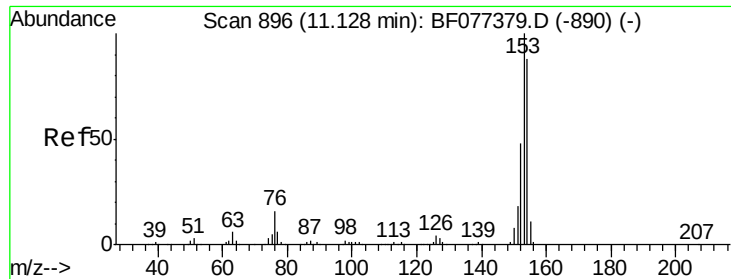


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.40 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

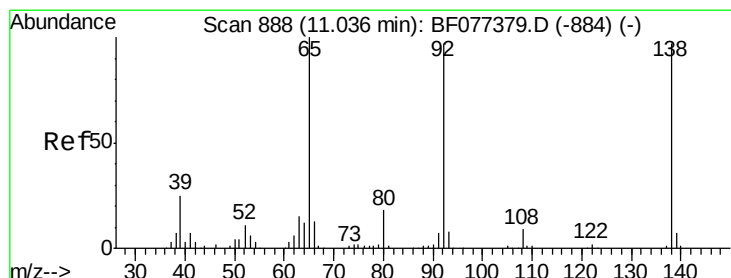
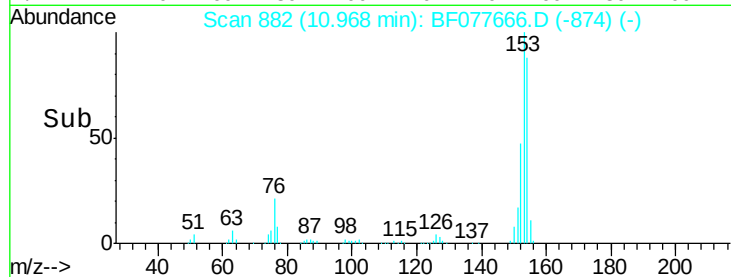
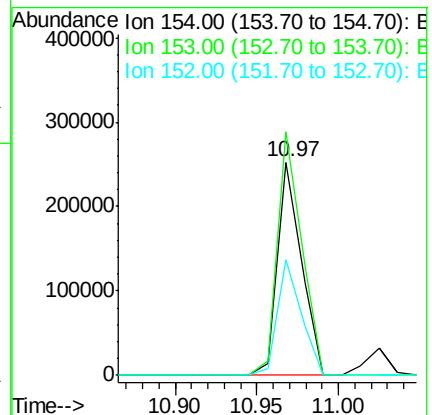
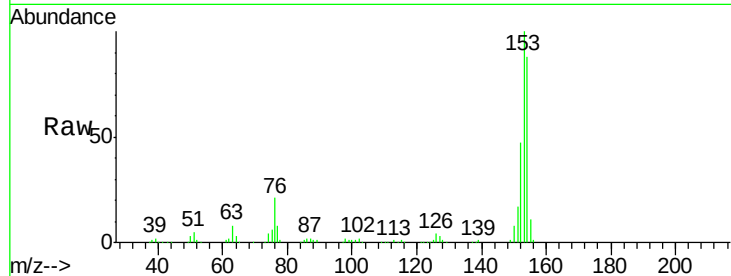
Tgt Ion:154 Resp: 259449

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

152 54.0 43.5 65.3



#52

3-Nitroaniline

Concen: 30.63 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

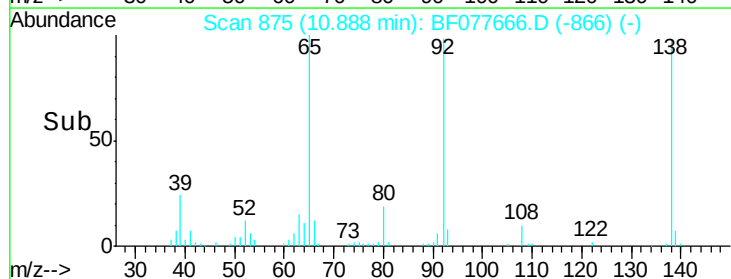
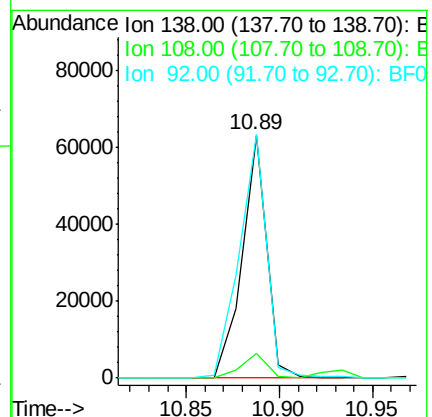
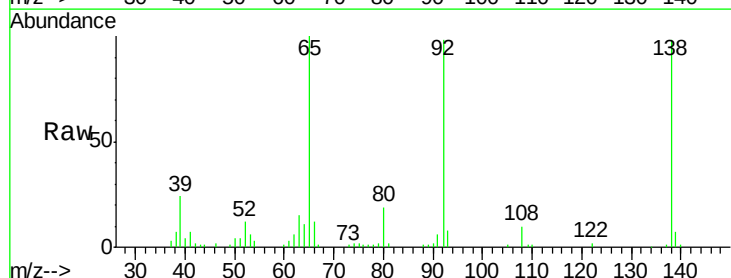
Tgt Ion:138 Resp: 58405

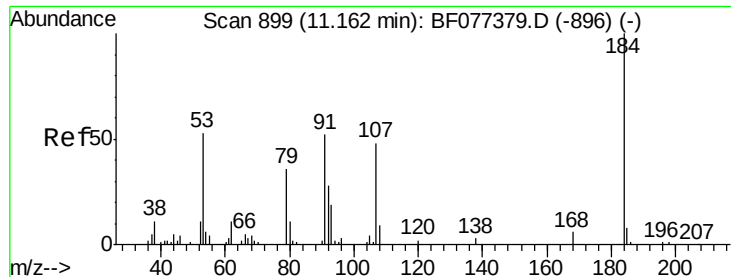
Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.8

92 100.3 90.6 135.8

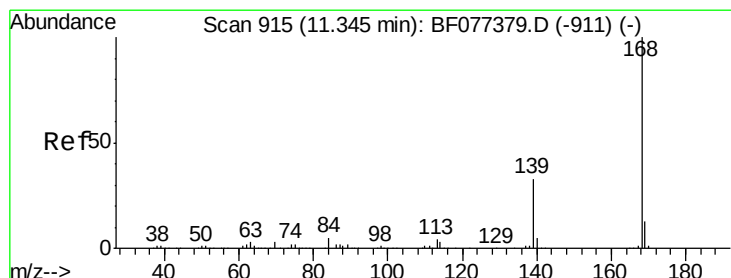
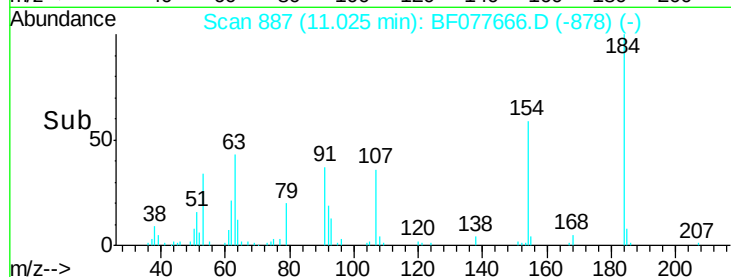
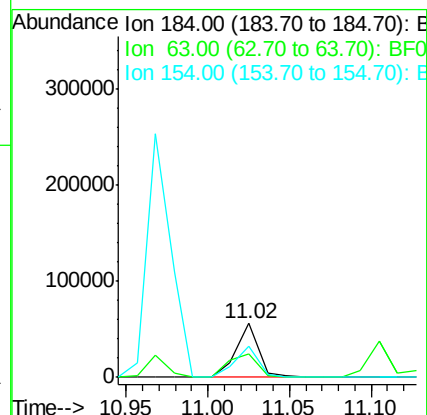
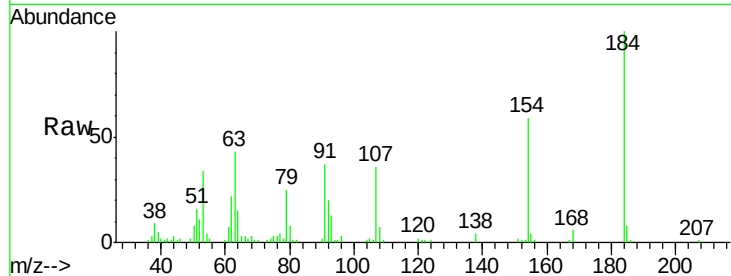




#53
2,4-Dinitrophenol
Concen: 105.64 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

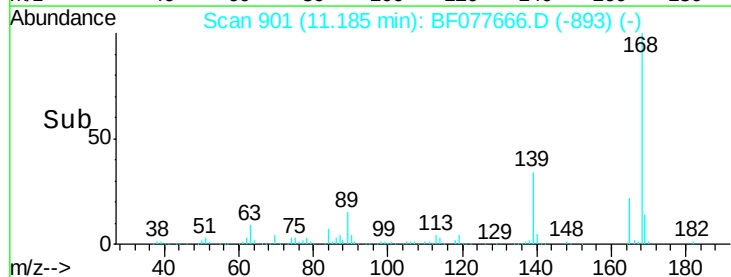
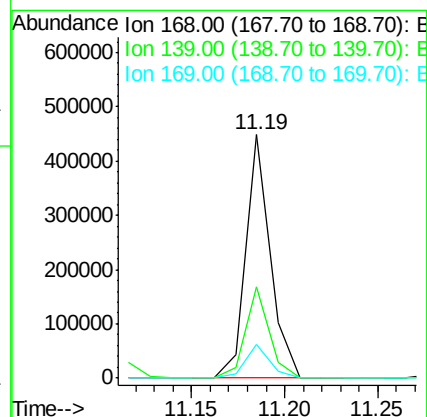
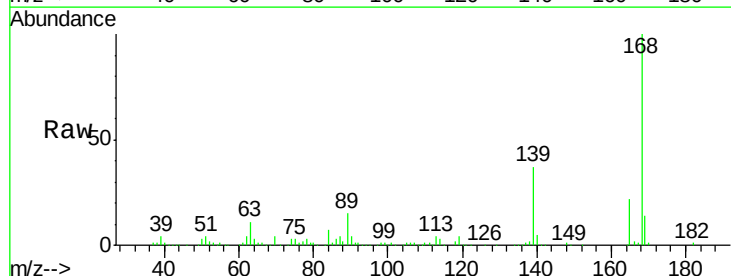
Instrument :
BNA_F
ClientSampleId :
PB82015BSD

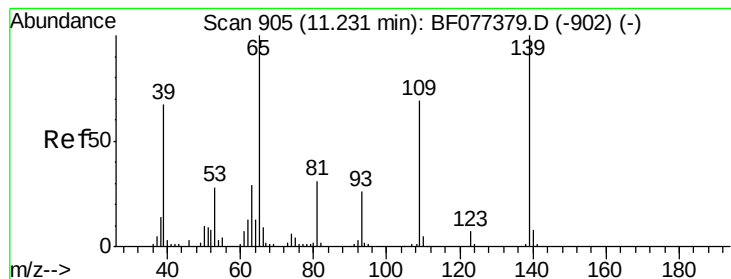
Tgt Ion:184 Resp: 53166
Ion Ratio Lower Upper
184 100
63 42.7 29.5 44.3
154 58.6 43.2 64.8



#54
Dibenzofuran
Concen: 40.25 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:168 Resp: 409293
Ion Ratio Lower Upper
168 100
139 37.4 29.3 43.9
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 82.40 ng

RT: 11.11 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

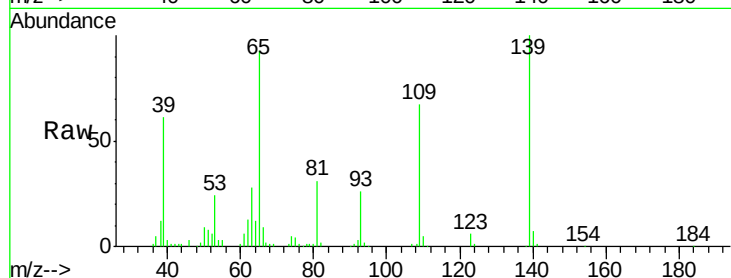
Tgt Ion:139 Resp: 126375

Ion Ratio Lower Upper

139 100

109 67.1 36.2 76.2

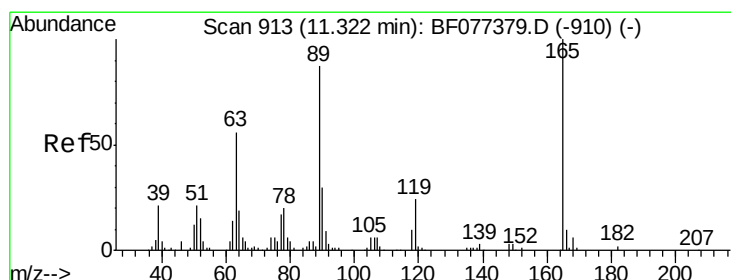
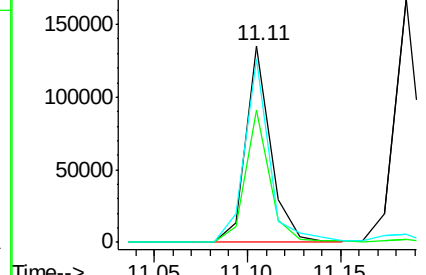
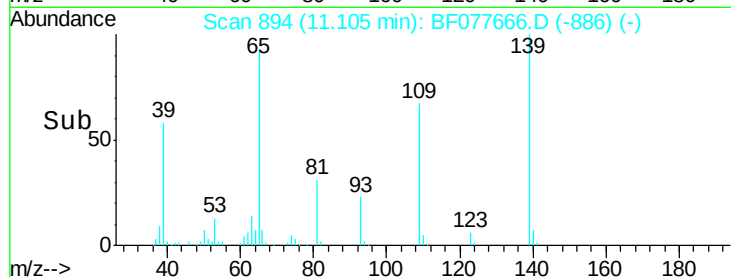
65 93.4 40.3 80.3#



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



#56

2,4-Dinitrotoluene

Concen: 45.07 ng

RT: 11.18 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Tgt Ion:165 Resp: 100723

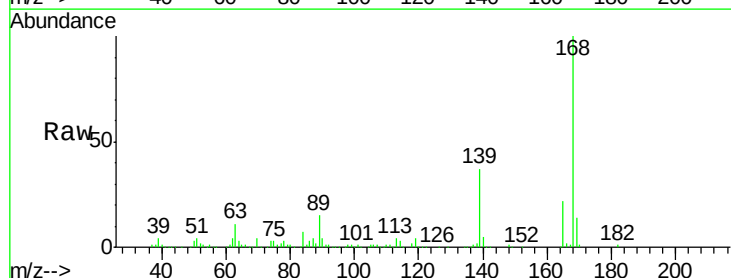
Ion Ratio Lower Upper

165 100

63 48.8 29.8 44.8#

89 65.6 48.5 72.7

182 2.6 1.9 2.9

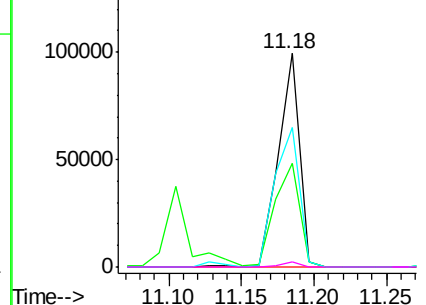
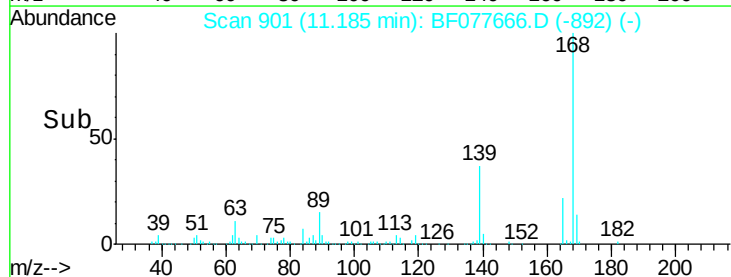


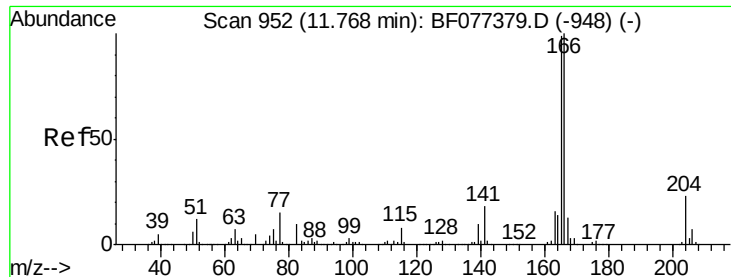
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

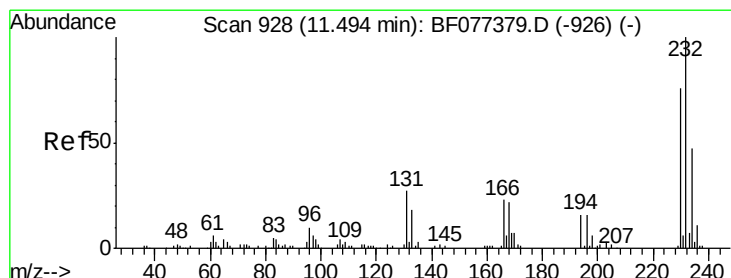
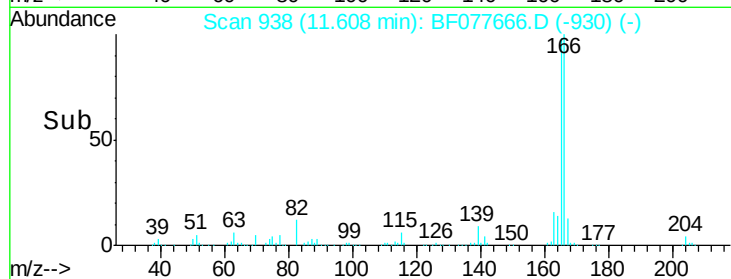
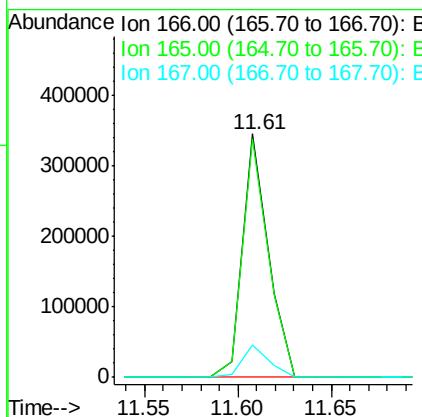
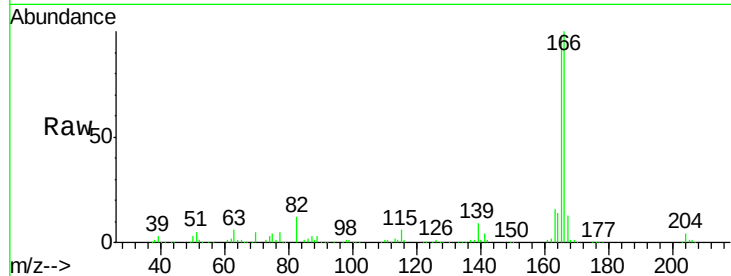




#57
Fluorene
Concen: 41.10 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

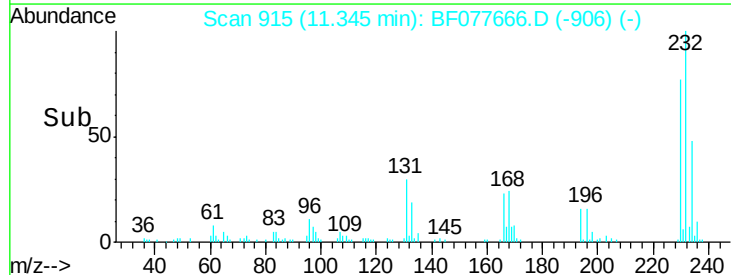
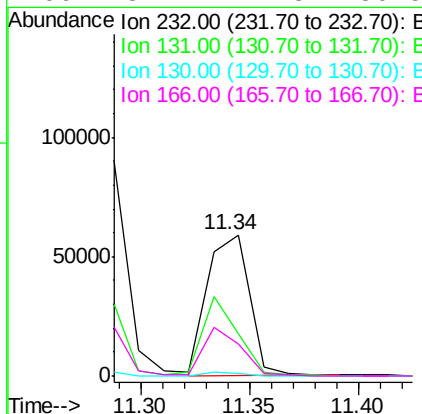
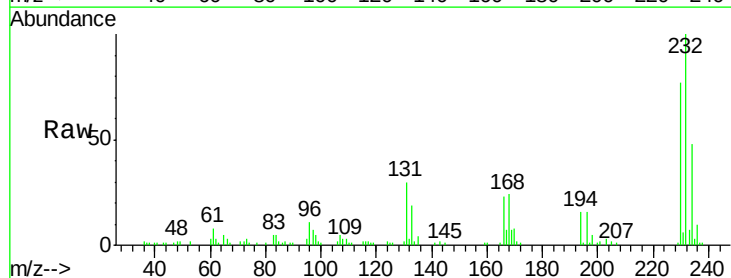
Instrument :
BNA_F
ClientSampleId :
PB82015BSD

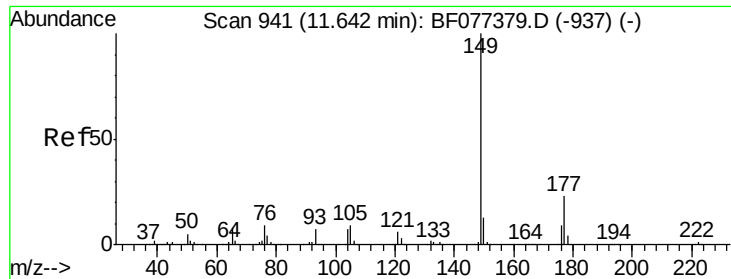
Tgt Ion:166 Resp: 334103
Ion Ratio Lower Upper
166 100
165 98.1 77.6 116.4
167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.18 ng
RT: 11.34 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:232 Resp: 78931
Ion Ratio Lower Upper
232 100
131 47.6 34.2 51.2
130 2.3 1.8 2.6
166 31.2 24.3 36.5

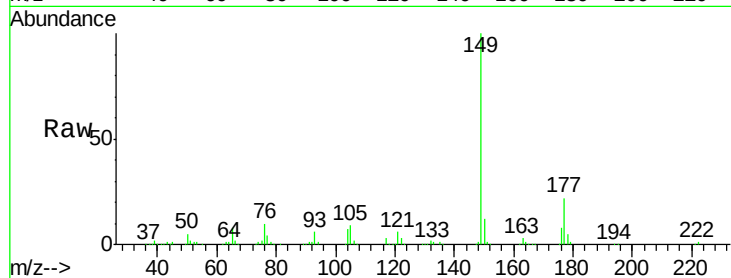




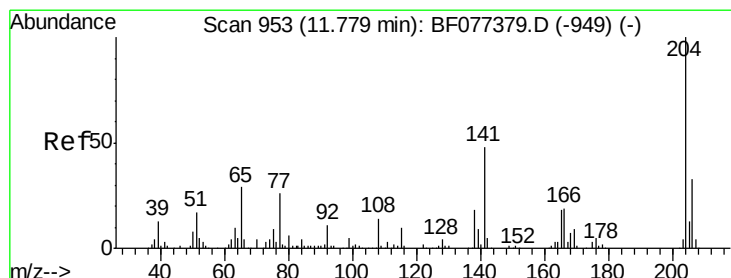
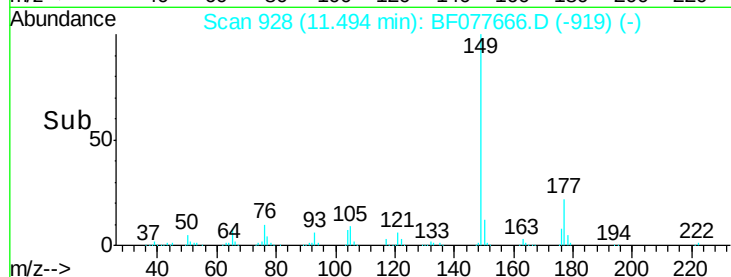
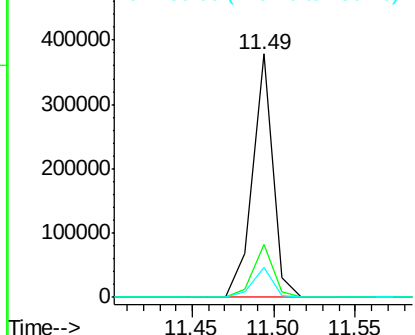
#59
Diethylphthalate
Concen: 40.34 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Instrument :
BNA_F
ClientSampleId :
PB82015BSD

Tgt Ion:149 Resp: 328030
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.0 10.5 15.7

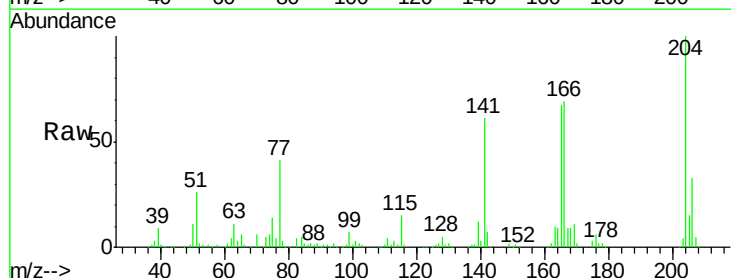


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

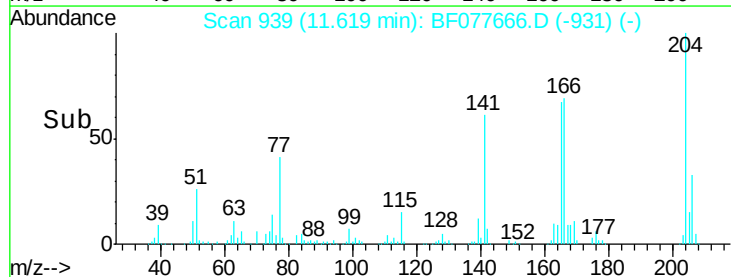
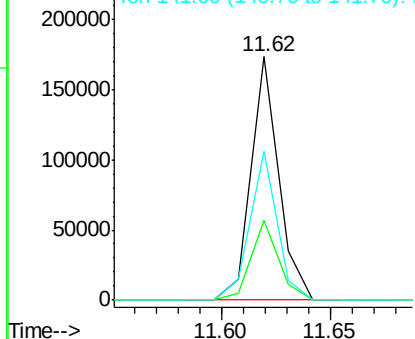


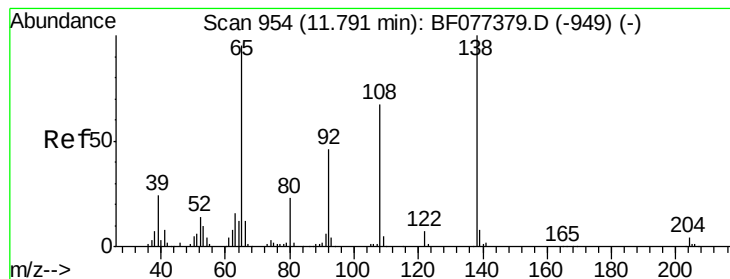
#60
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:204 Resp: 153550
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 61.0 43.6 65.4



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





#61

4-Nitroaniline

Concen: 44.79 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

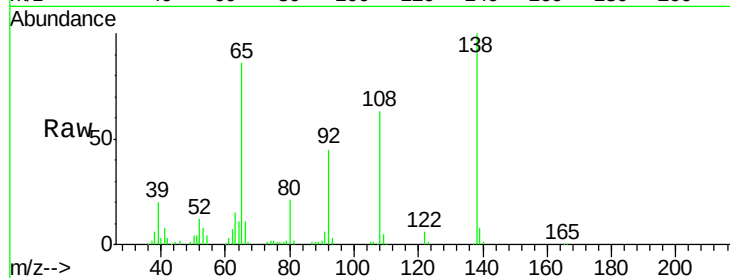
Tgt Ion:138 Resp: 81860

Ion Ratio Lower Upper

138 100

92 44.7 32.8 72.8

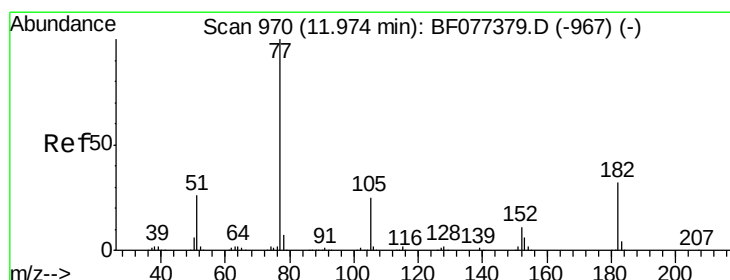
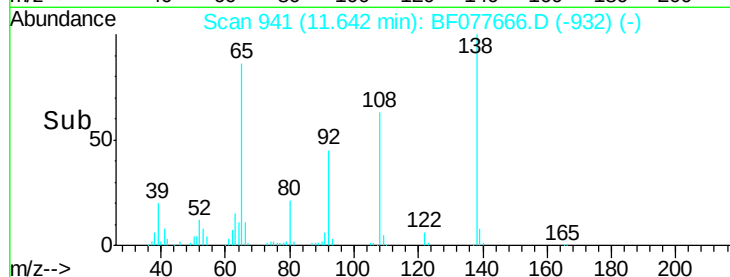
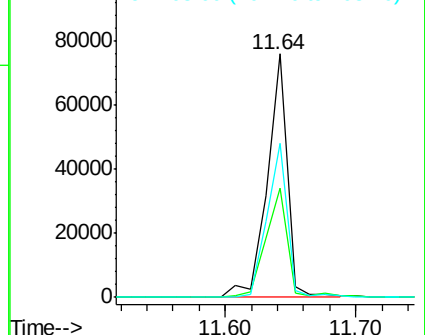
108 63.2 52.1 92.1



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: 39.83 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Tgt Ion: 77 Resp: 307268

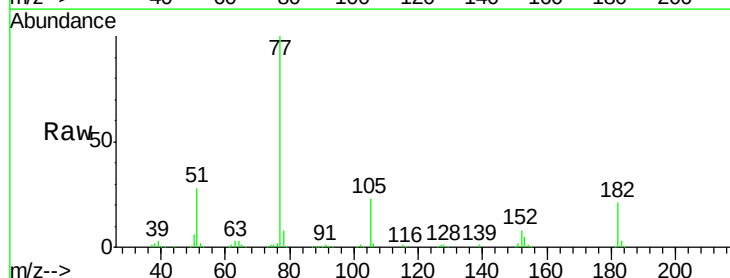
Ion Ratio Lower Upper

77 100

182 20.7 4.9 44.9

105 22.8 3.3 43.3

51 28.2 8.9 48.9

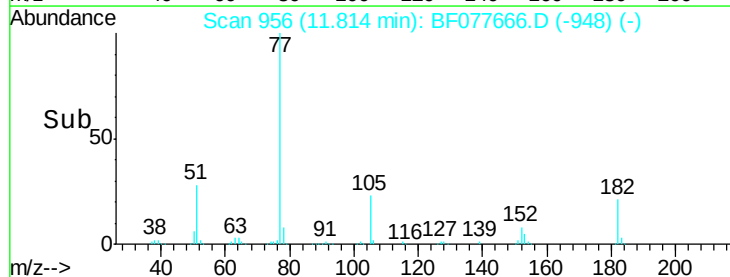
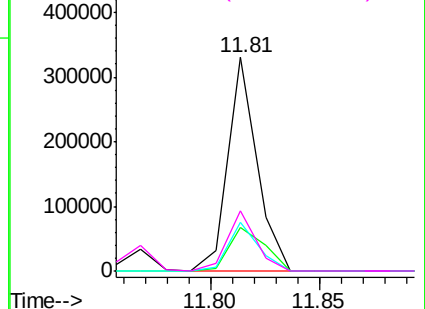


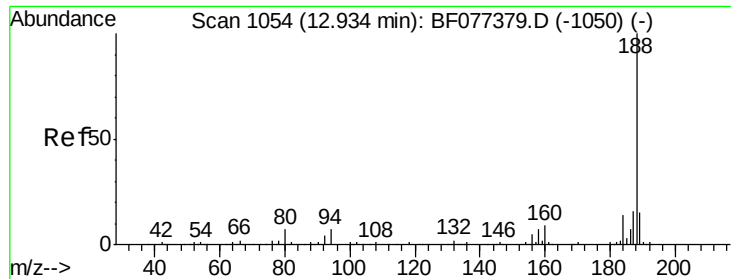
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

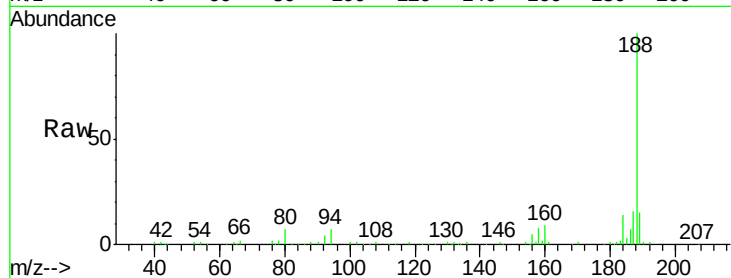




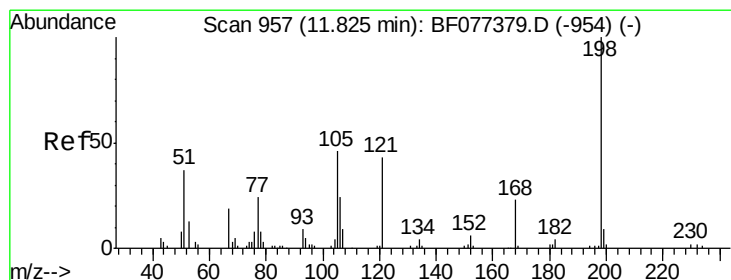
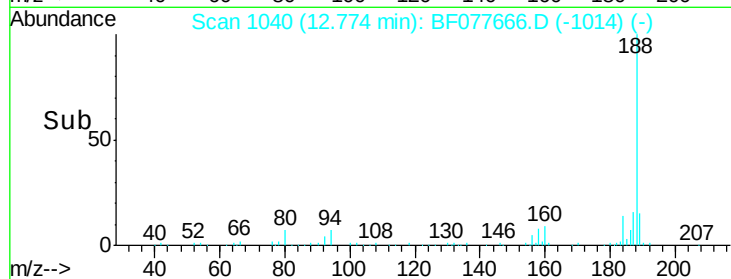
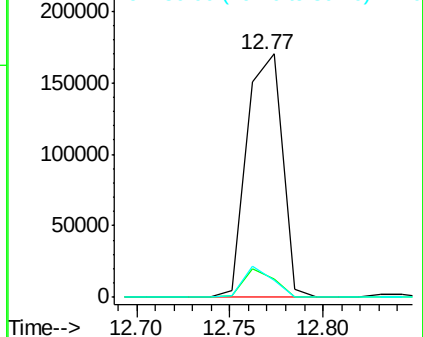
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Instrument :
BNA_F
ClientSampleId :
PB82015BSD

Tgt Ion:188 Resp: 227127
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.1 8.0 12.0#

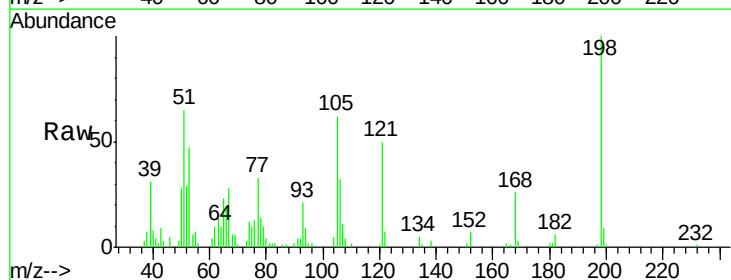


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

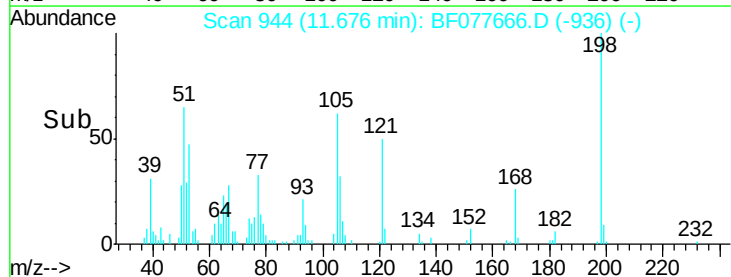
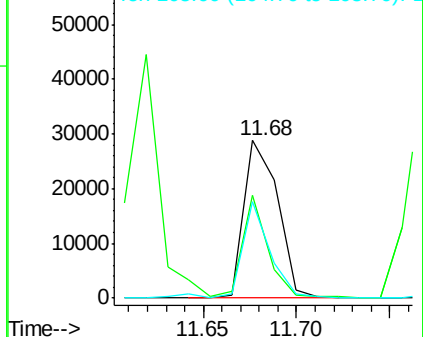


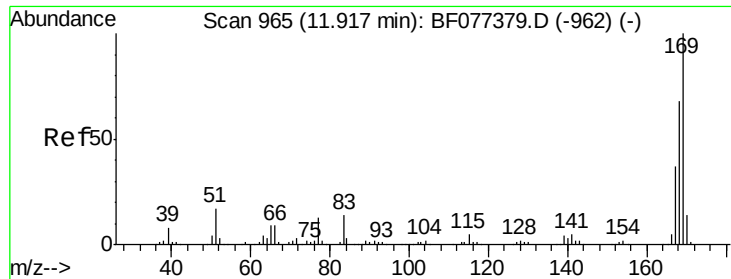
#64
4,6-Dinitro-2-methylphenol
Concen: 40.58 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:198 Resp: 36211
Ion Ratio Lower Upper
198 100
51 65.1 2.7 42.7#
105 61.6 10.0 50.0#



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

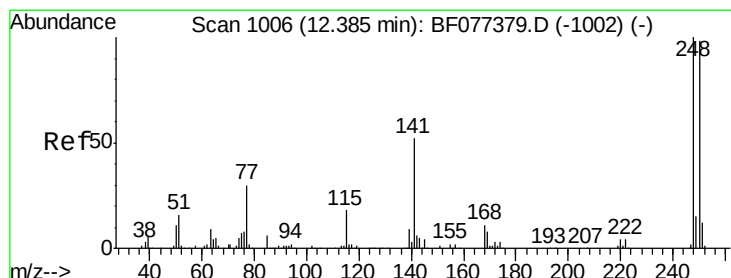
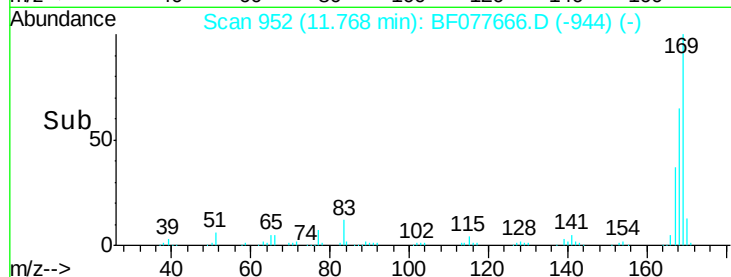
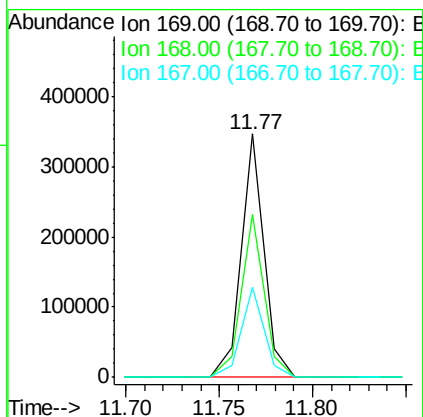
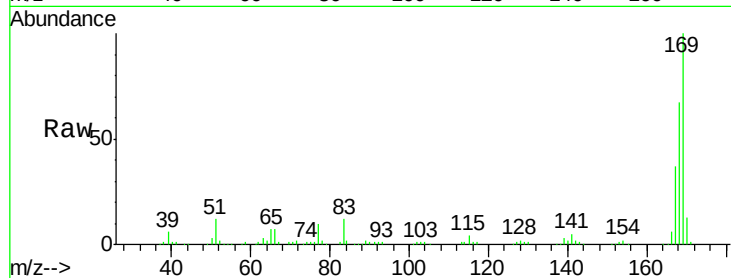




#65
 n-Nitrosodiphenylamine
 Concen: 39.23 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

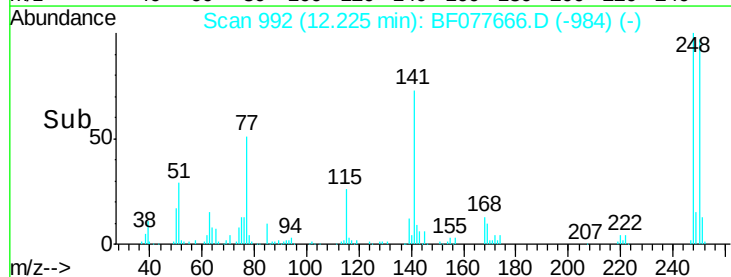
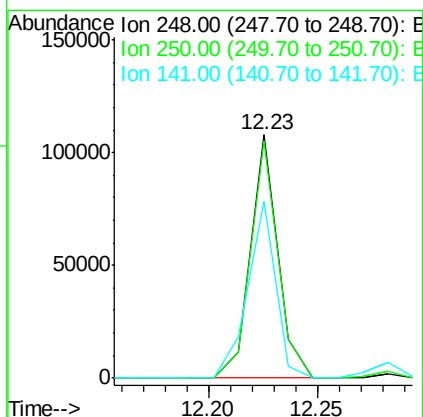
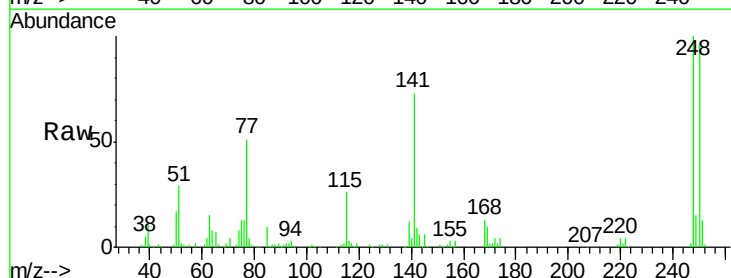
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

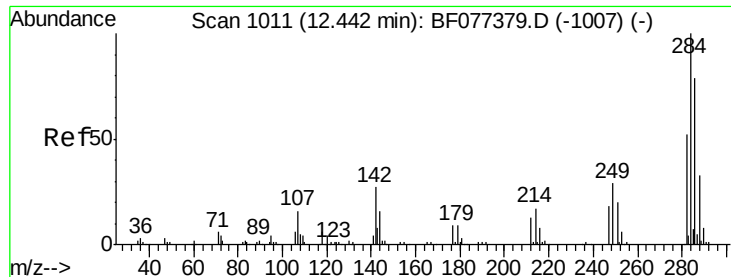
Tgt Ion:169 Resp: 295653
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.0 79.6
 167 36.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 35.26 ng
 RT: 12.23 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:248 Resp: 93770
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.0 117.0
 141 72.9 54.1 81.1

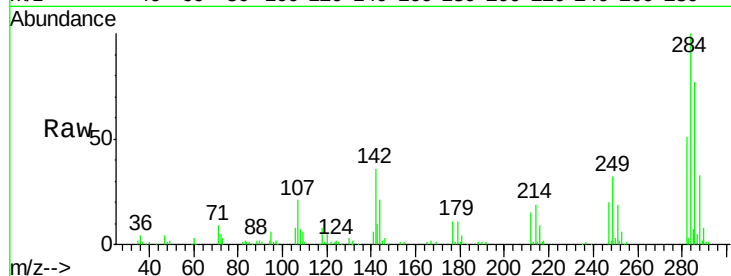




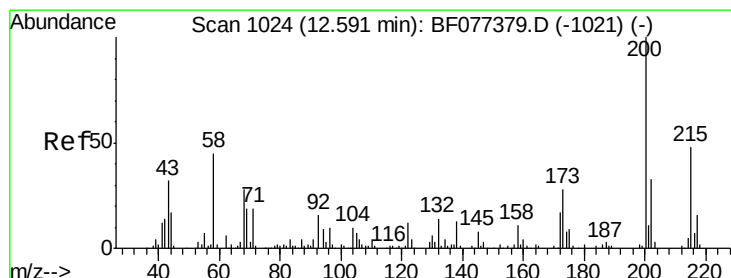
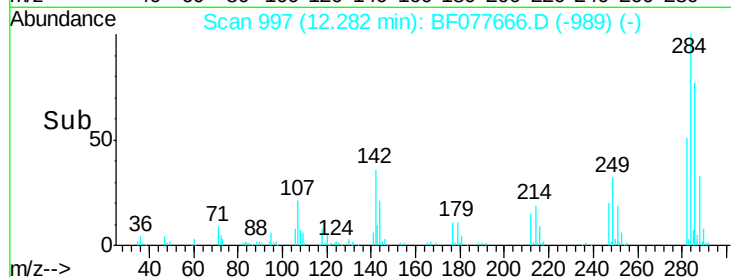
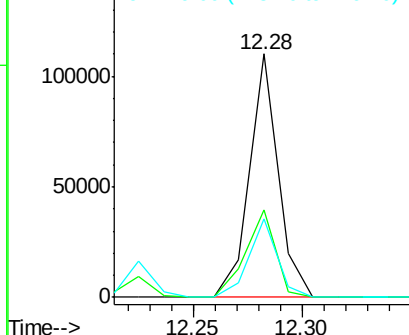
#67
Hexachlorobenzene
Concen: 35.36 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Instrument :
BNA_F
ClientSampleId :
PB82015BSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	31.6	47.4
249	32.0	27.0	40.4

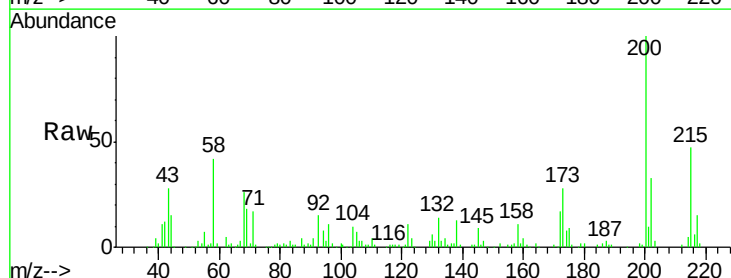


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

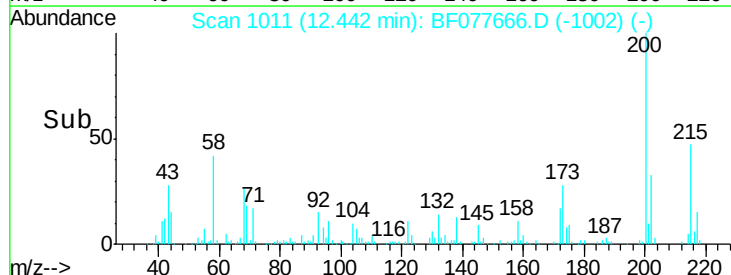
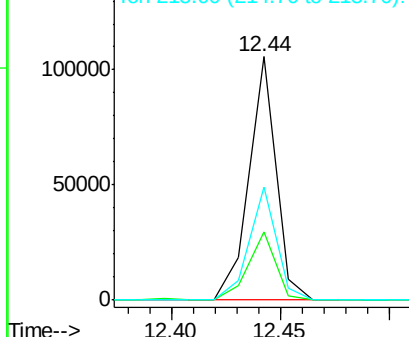


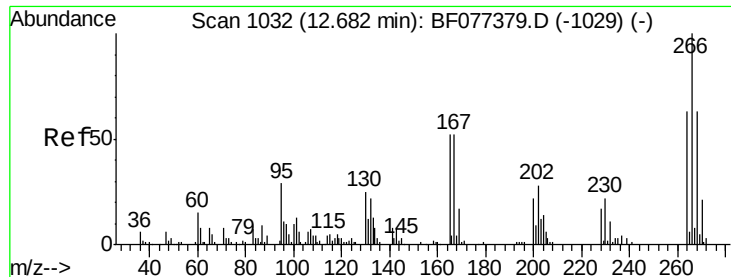
#68
Atrazine
Concen: 37.39 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.6	49.6
215	46.6	24.4	64.4



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

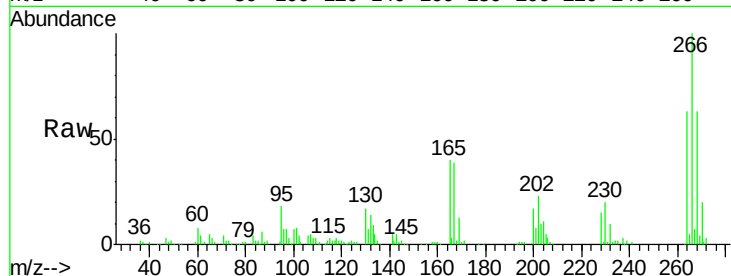




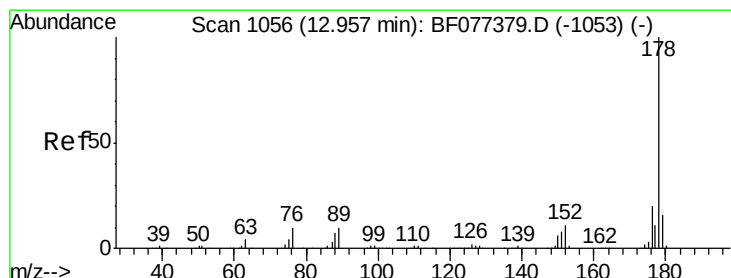
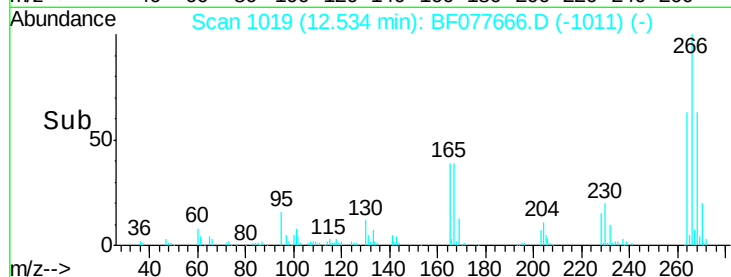
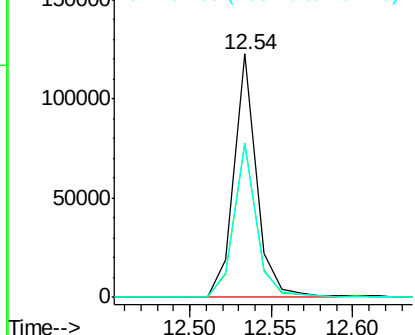
#69
 Pentachlorophenol
 Concen: 78.95 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Tgt Ion: 266 Resp: 118458
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 63.3 50.7 76.1

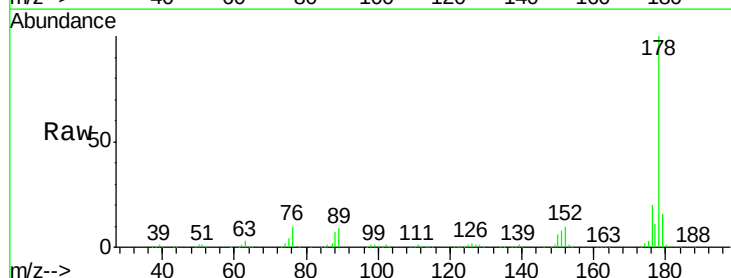


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

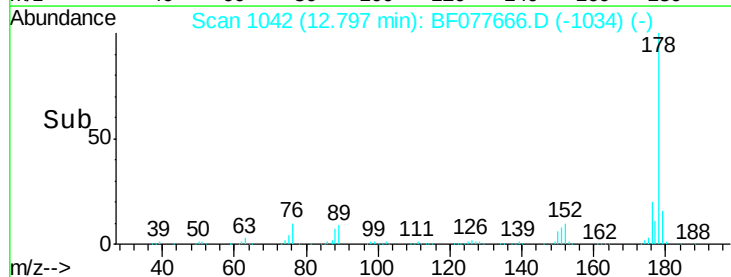
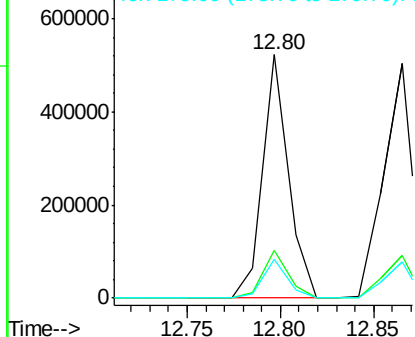


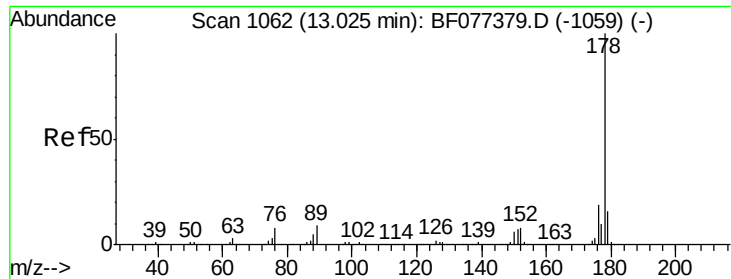
#70
 Phenanthrene
 Concen: 37.71 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion: 178 Resp: 496412
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 16.1 12.2 18.2



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

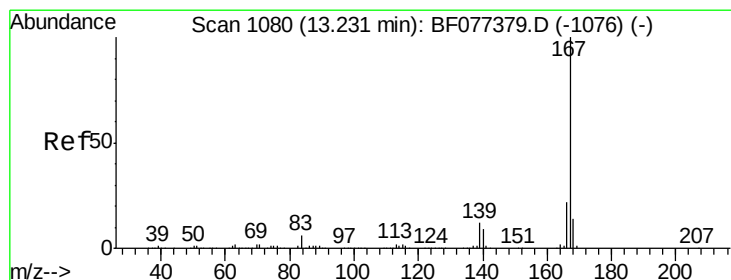
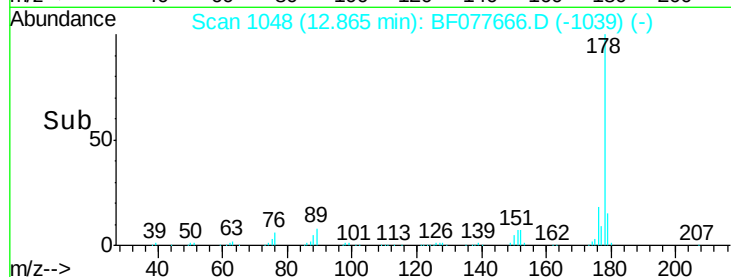
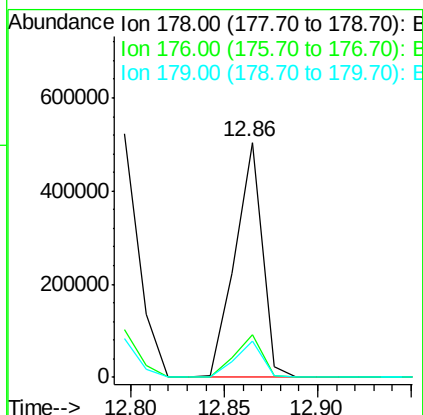
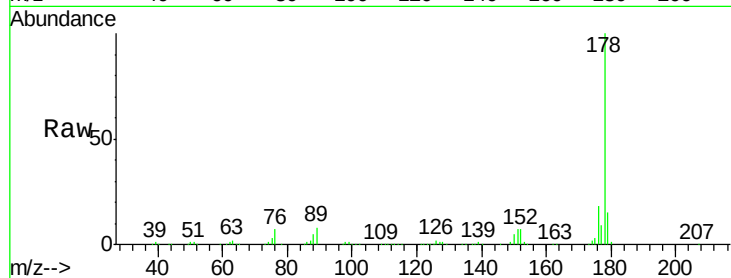




#71
 Anthracene
 Concen: 39.51 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

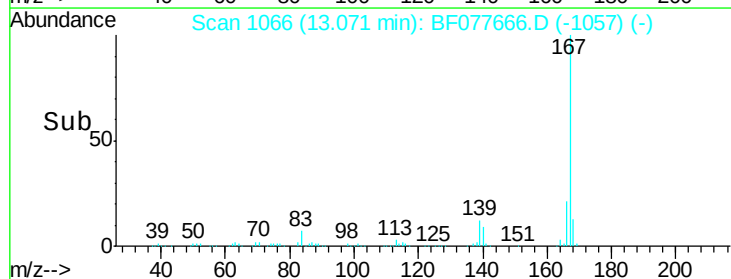
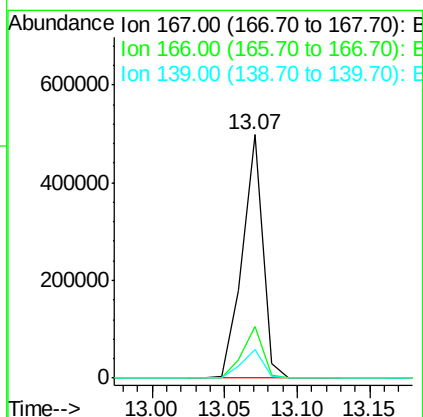
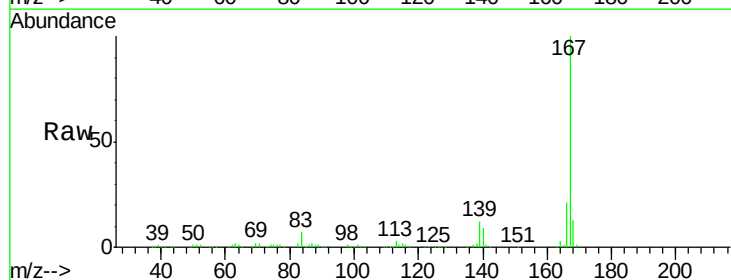
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

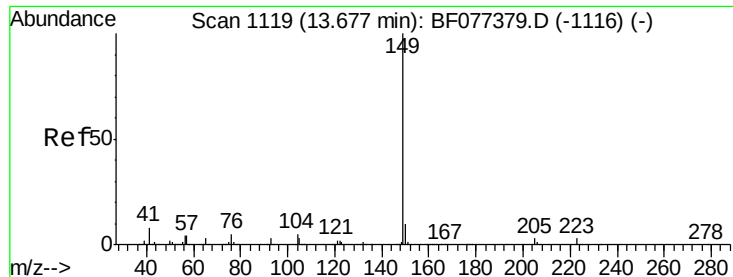
Tgt Ion:178 Resp: 516182
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.4 12.9 19.3



#72
 Carbazole
 Concen: 39.33 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:167 Resp: 488580
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 11.9 9.9 14.9





#73

Di-n-butylphthalate

Concen: 33.47 ng

RT: 13.52 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

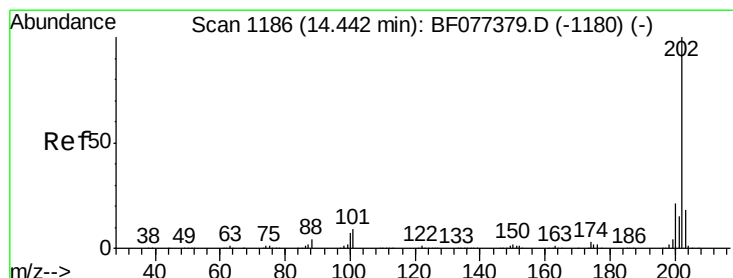
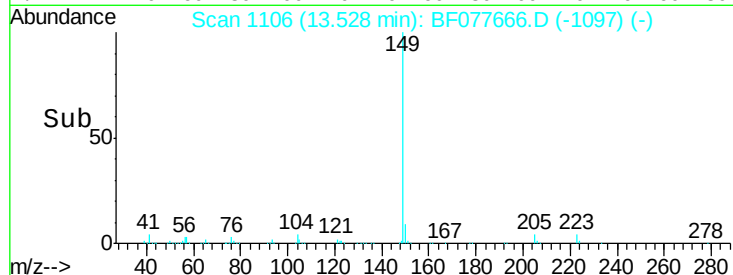
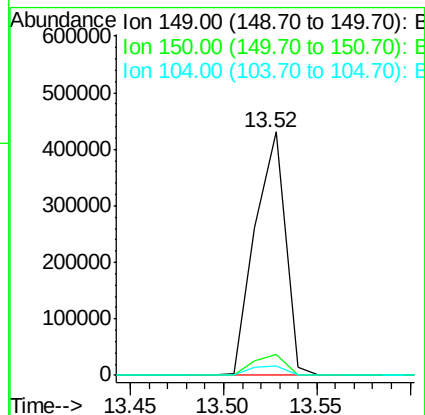
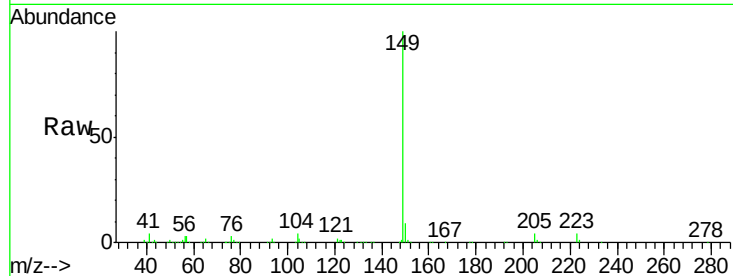
Instrument :

BNA_F

ClientSampleId :

PB82015BSD

Tgt Ion:	149	Resp:	488159
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.8
104	3.7	4.1	6.1#



#74

Fluoranthene

Concen: 35.49 ng

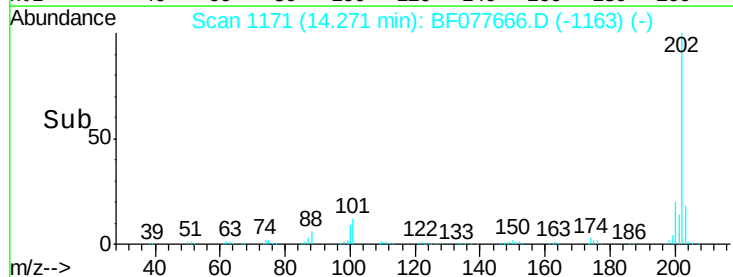
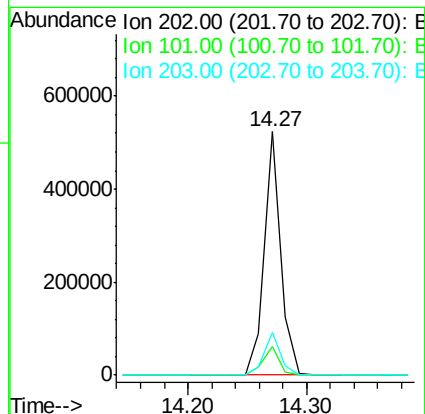
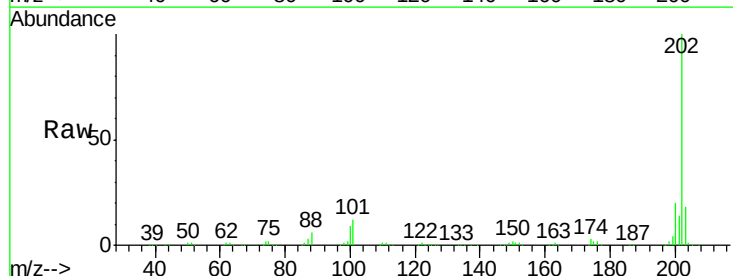
RT: 14.27 min Scan# 1171

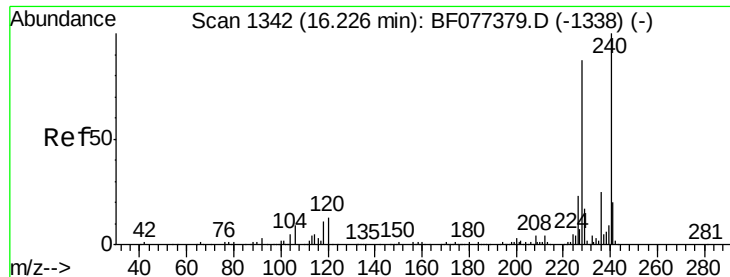
Delta R.T. -0.00 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Tgt Ion:	202	Resp:	510316
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.8
203	17.6	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

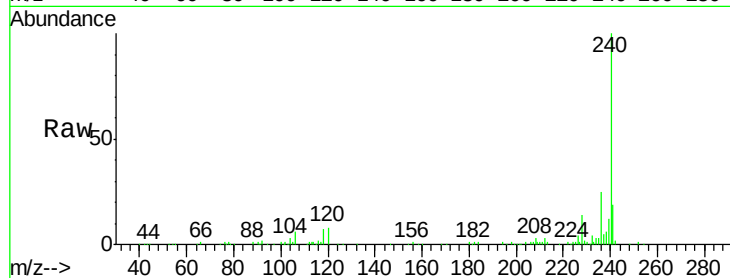
Tgt Ion:240 Resp: 232307

Ion Ratio Lower Upper

240 100

120 8.5 8.8 13.2#

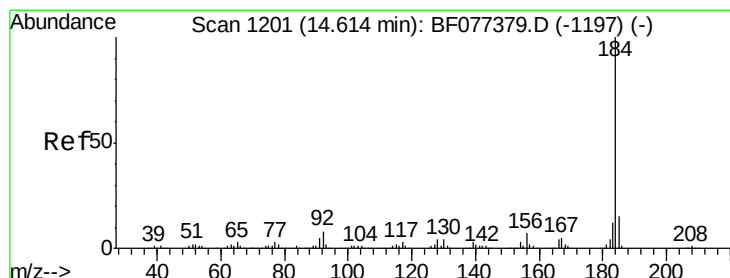
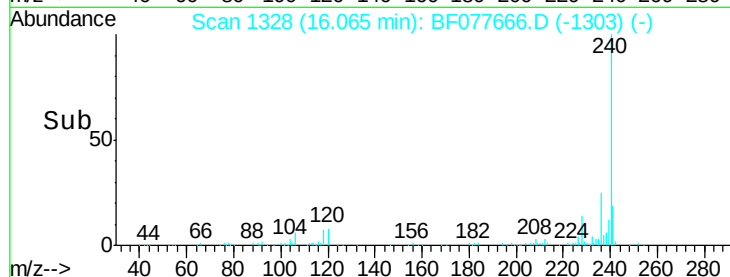
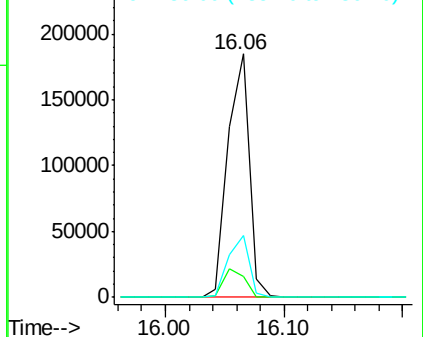
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.04 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

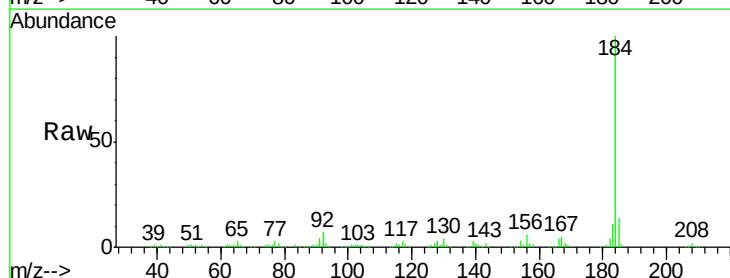
Tgt Ion:184 Resp: 227910

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

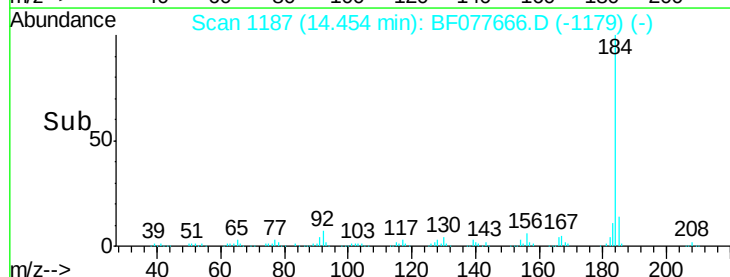
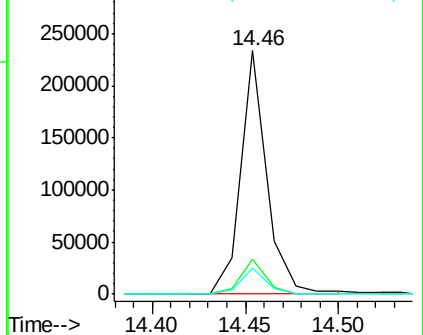
183 10.9 9.3 13.9

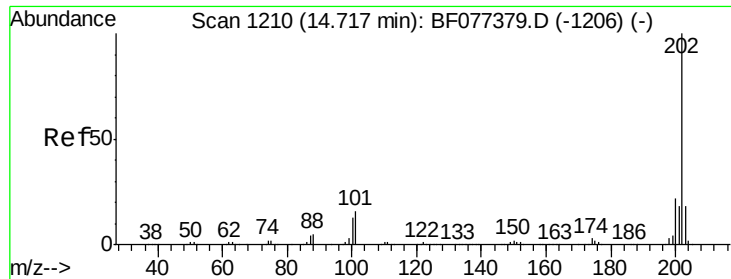


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

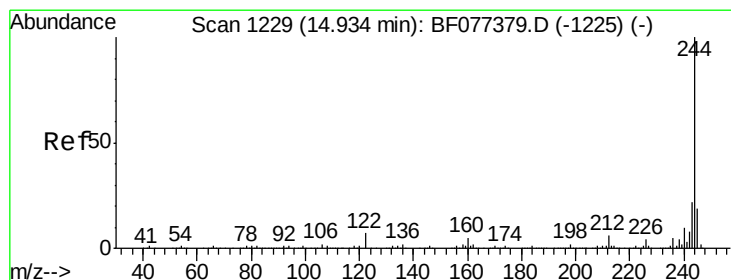
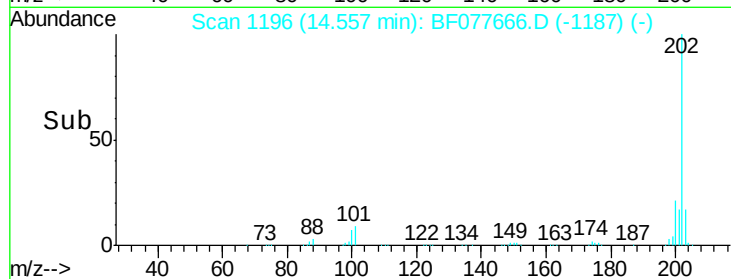
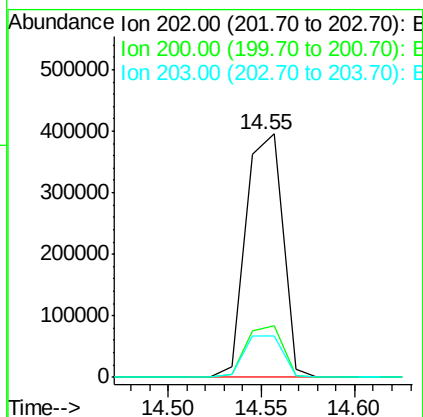
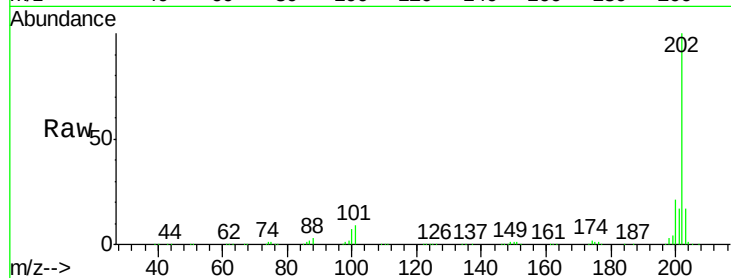




#77
 Pyrene
 Concen: 38.10 ng
 RT: 14.55 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

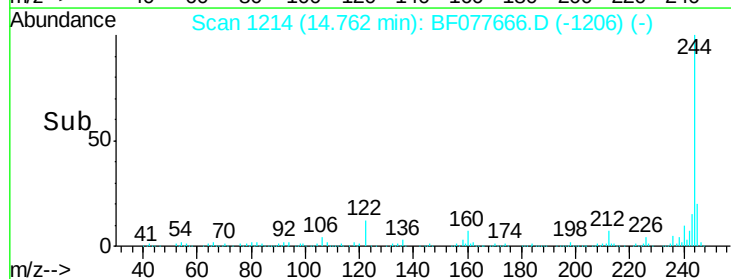
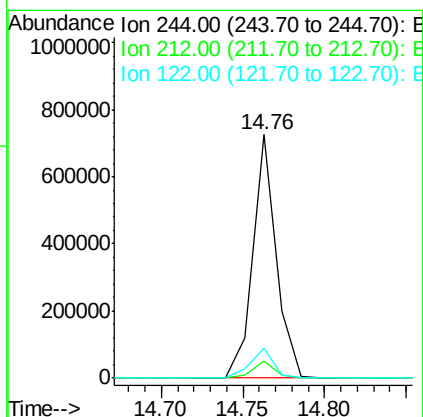
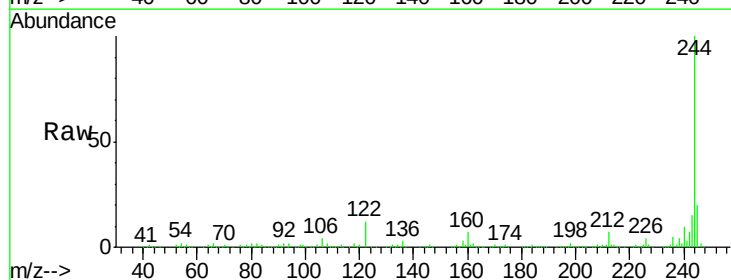
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

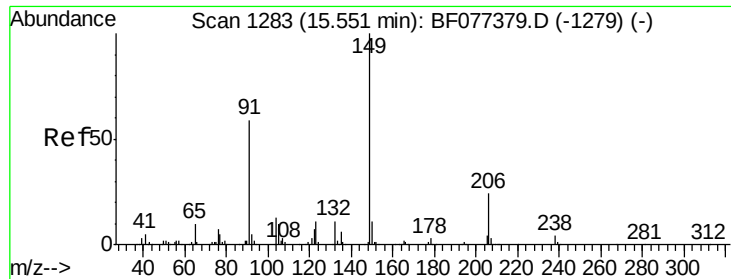
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.2	21.2



#78
 Terphenyl-d14
 Concen: 72.53 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	12.1	7.8	11.8

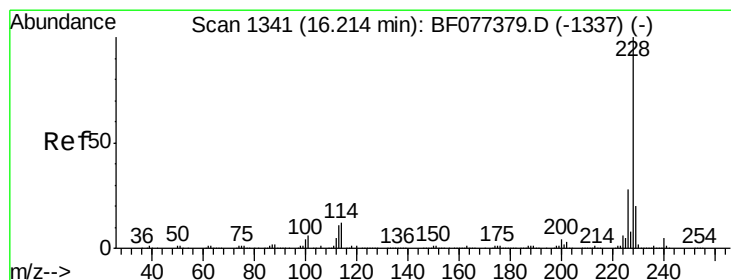
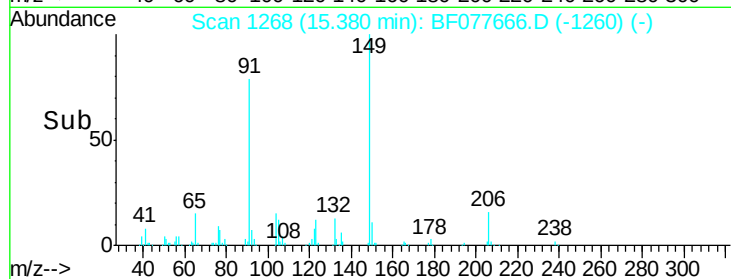
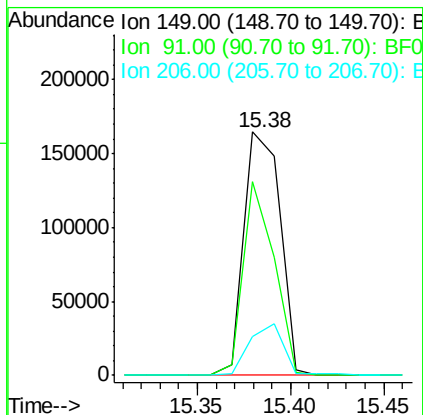
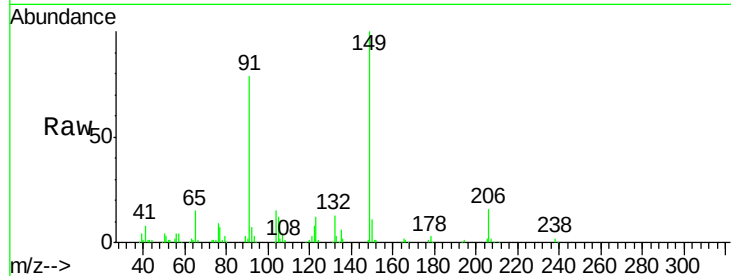




#79
Butylbenzylphthalate
Concen: 38.06 ng
RT: 15.38 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

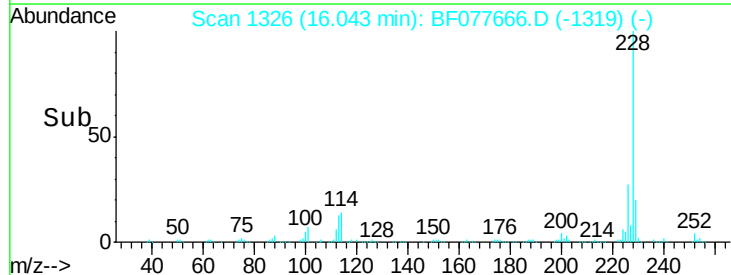
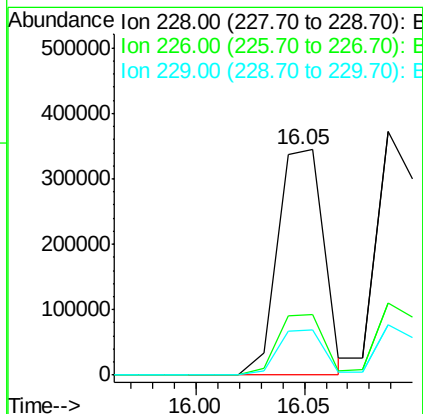
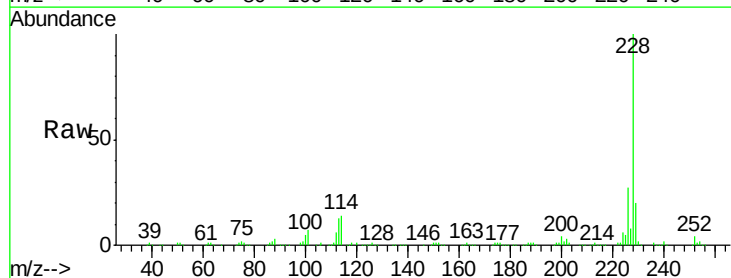
Instrument :
BNA_F
ClientSampleId :
PB82015BSD

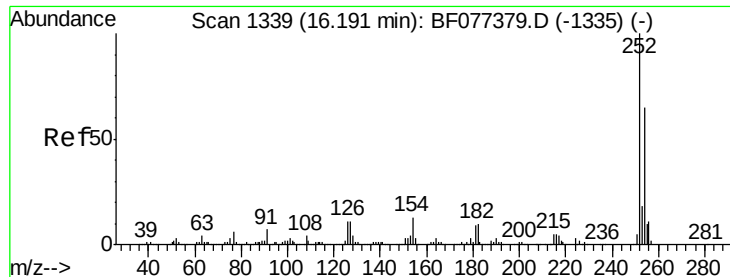
Tgt Ion:149 Resp: 222514
Ion Ratio Lower Upper
149 100
91 79.4 51.2 76.8#
206 16.0 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 37.32 ng
RT: 16.05 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:228 Resp: 508159
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.9 15.8 23.8

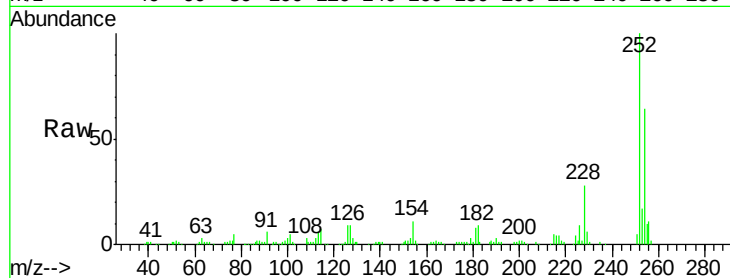




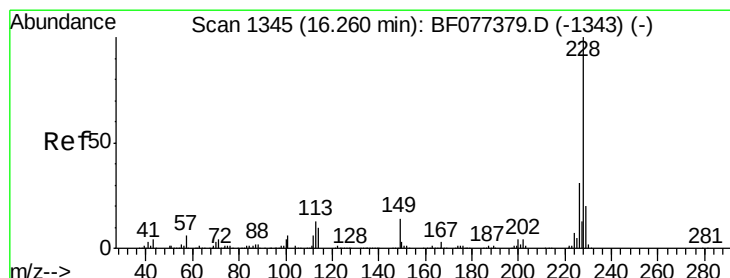
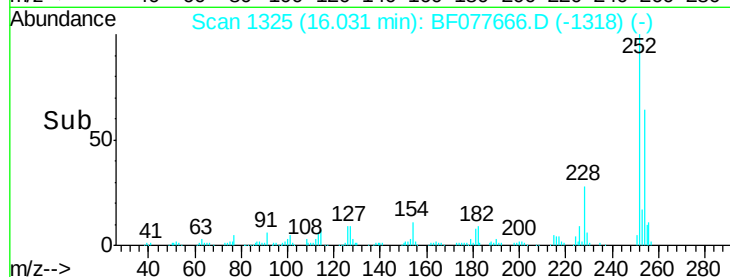
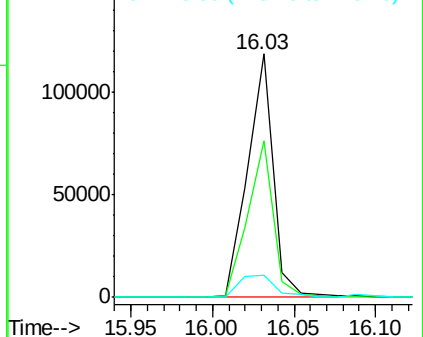
#81
 3,3'-Dichlorobenzidine
 Concen: 25.92 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

Tgt Ion:252 Resp: 129321
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.9 79.3
 126 9.0 7.3 10.9

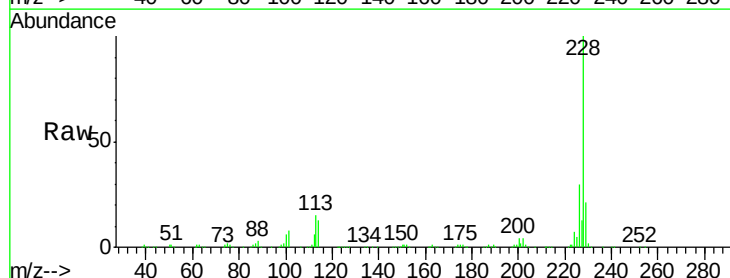


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

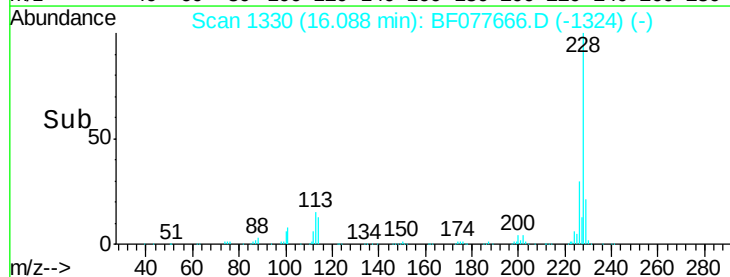
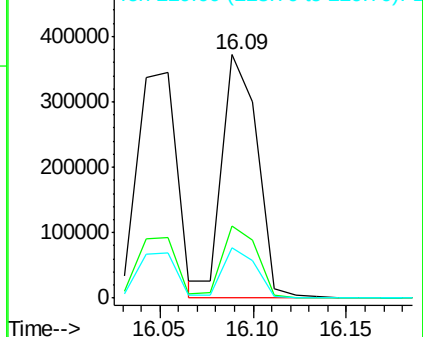


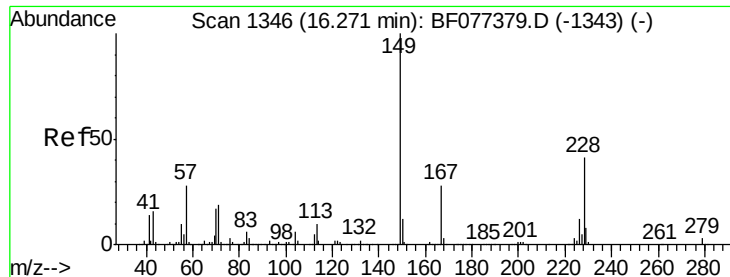
#82
 Chrysene
 Concen: 38.14 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion:228 Resp: 487616
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.5 16.4 24.6



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: 34.61 ng

RT: 16.11 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

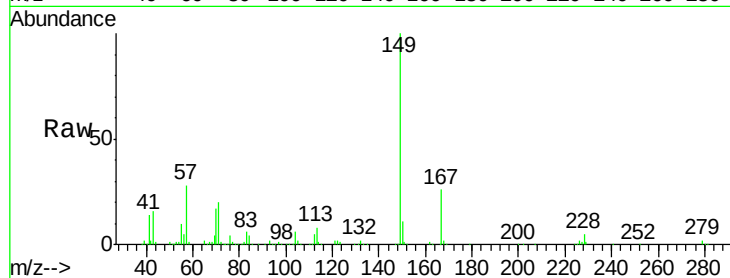
Tgt Ion:149 Resp: 324505

Ion Ratio Lower Upper

149 100

167 25.7 22.8 34.2

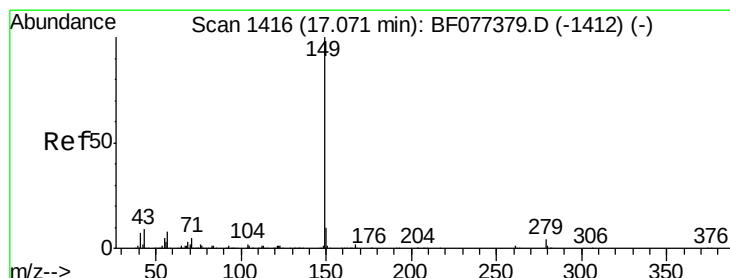
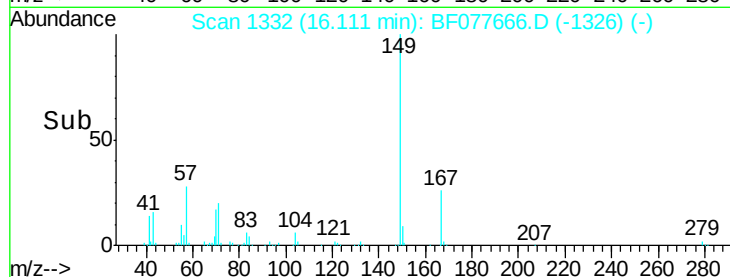
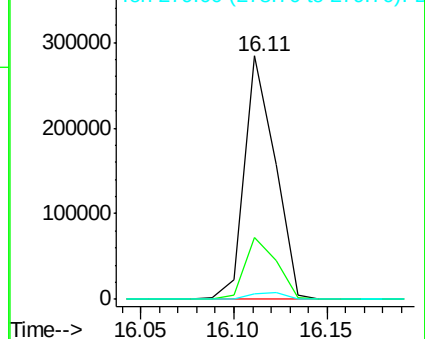
279 2.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.22 ng

RT: 16.93 min Scan# 1403

Delta R.T. -0.05 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

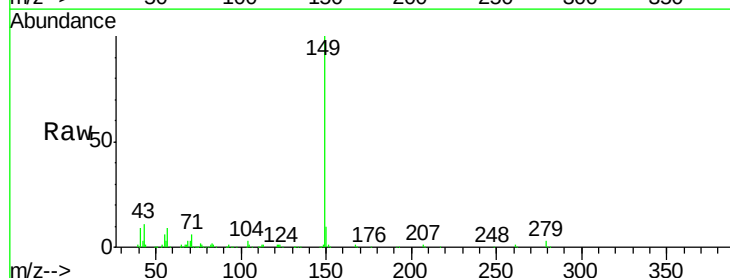
Tgt Ion:149 Resp: 551282

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

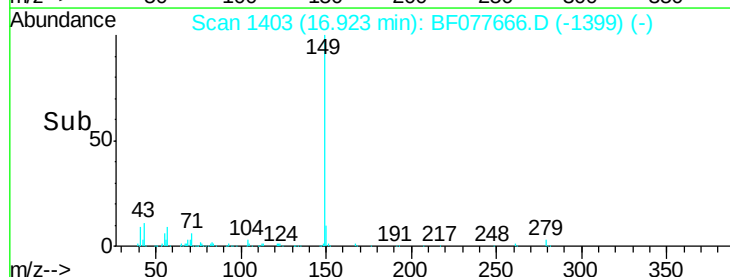
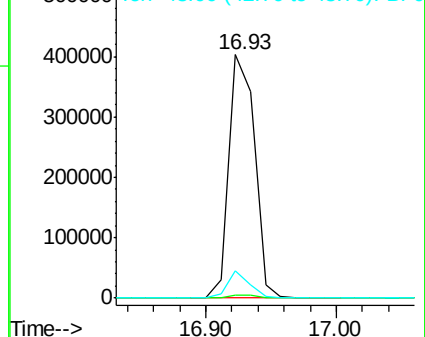
43 9.1 8.1 12.1

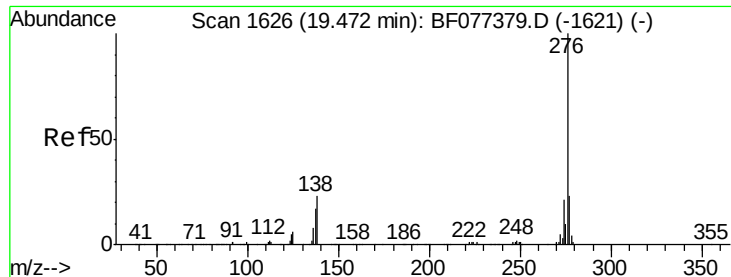


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

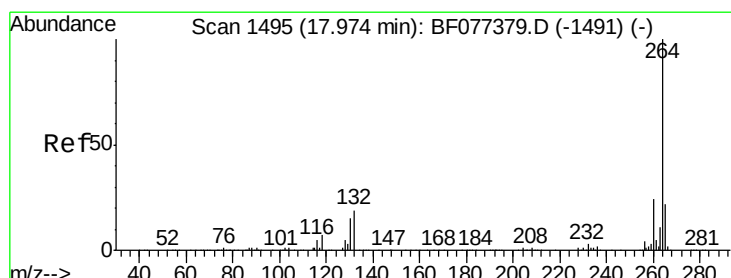
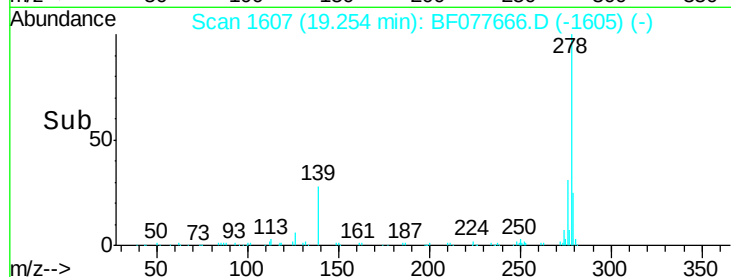
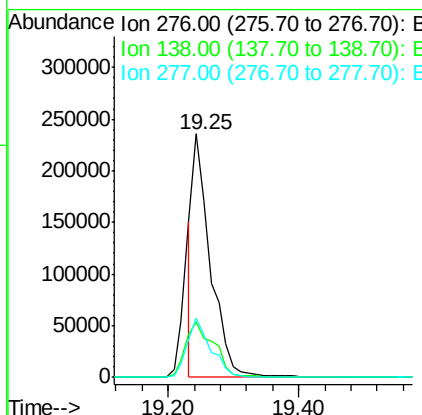
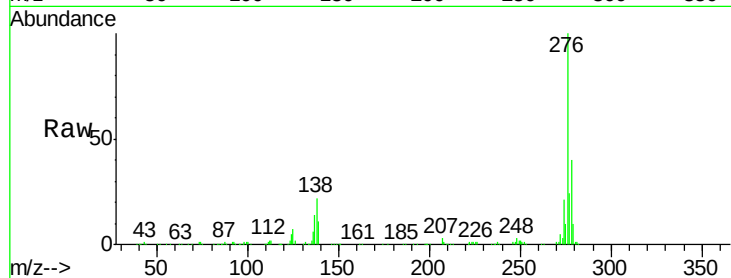




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.42 ng
 RT: 19.25 min Scan# 1607
 Delta R.T. -0.08 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

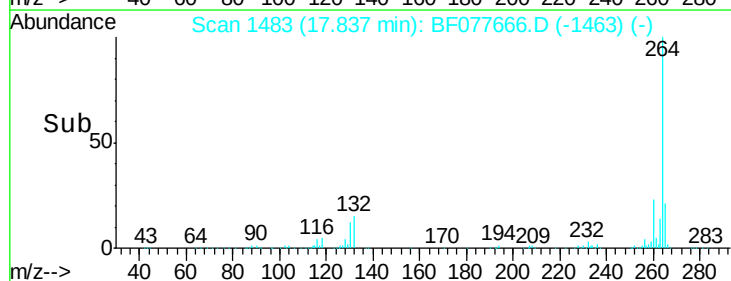
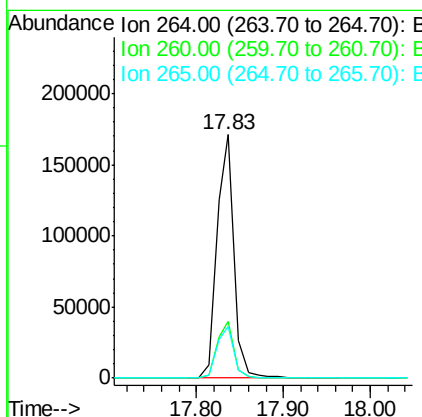
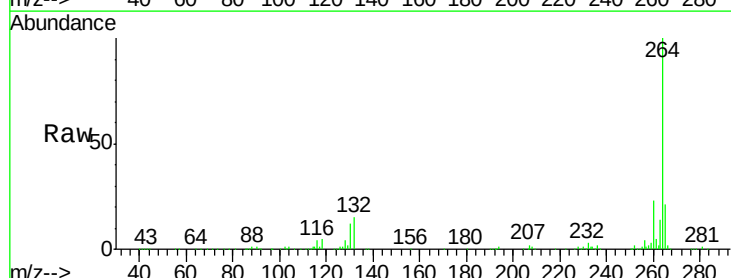
Instrument :
 BNA_F
 ClientSampleId :
 PB82015BSD

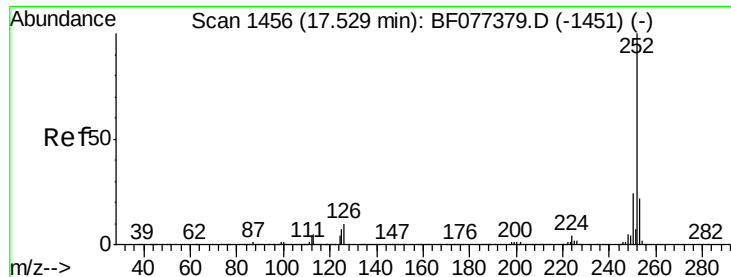
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.2	31.8
277	26.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1483
 Delta R.T. -0.07 min
 Lab File: BF077666.D
 Acq: 10 Mar 2015 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.2	16.8	25.2

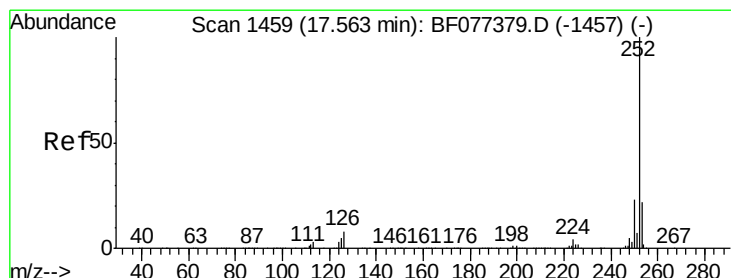
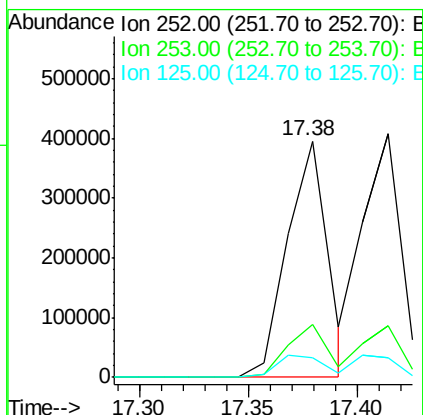
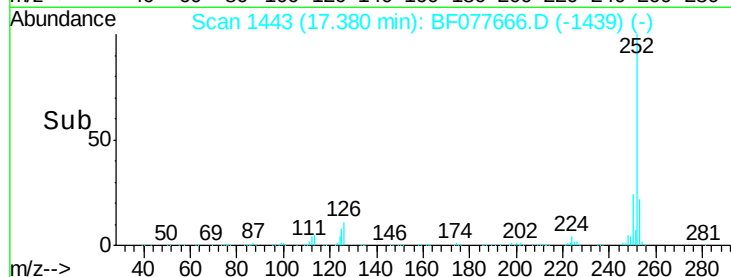
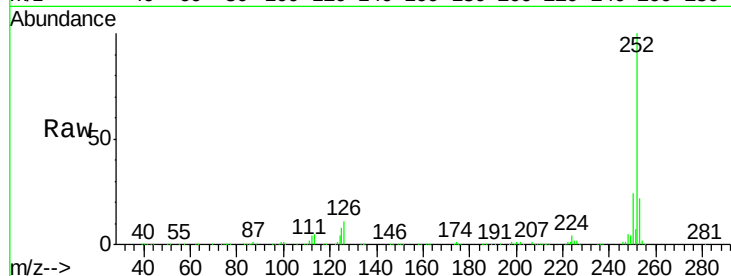




#87
Benzo(b)fluoranthene
Concen: 37.49 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.06 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

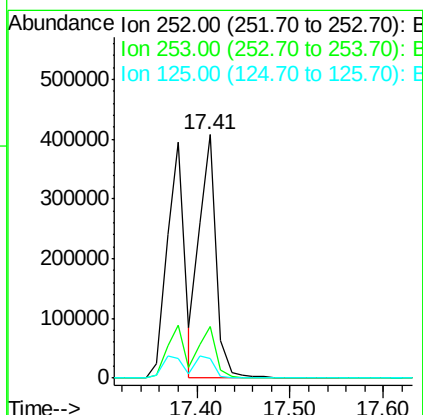
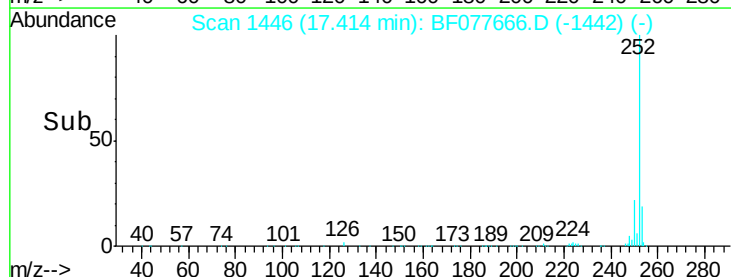
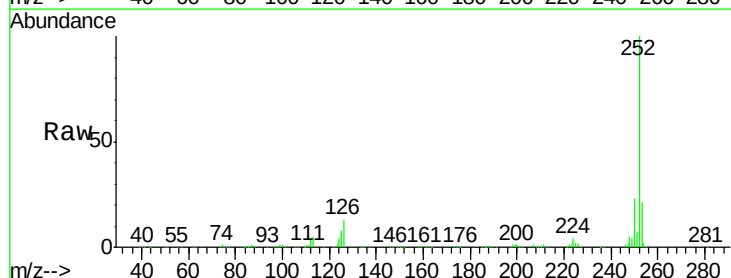
Instrument :
BNA_F
ClientSampleId :
PB82015BSD

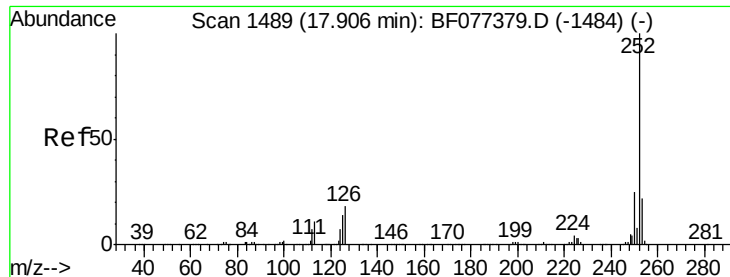
Tgt Ion:252 Resp: 512000
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 8.4 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 38.47 ng
RT: 17.41 min Scan# 1446
Delta R.T. -0.06 min
Lab File: BF077666.D
Acq: 10 Mar 2015 17:40

Tgt Ion:252 Resp: 514939
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 8.3 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 37.77 ng

RT: 17.77 min Scan# 1477

Delta R.T. -0.07 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

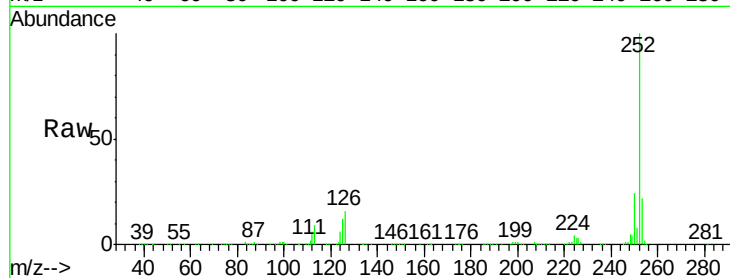
Tgt Ion:252 Resp: 491312

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

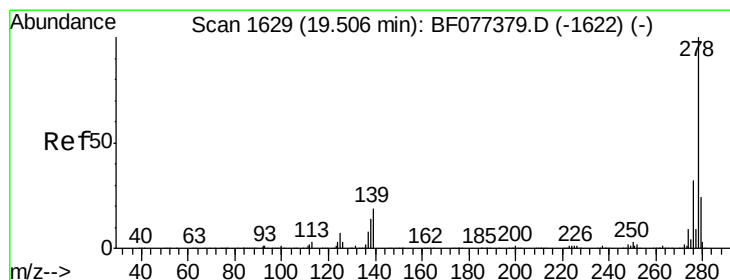
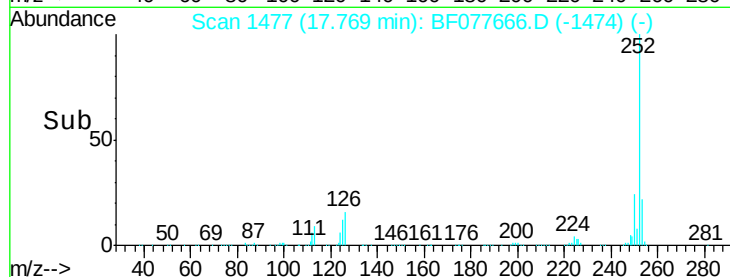
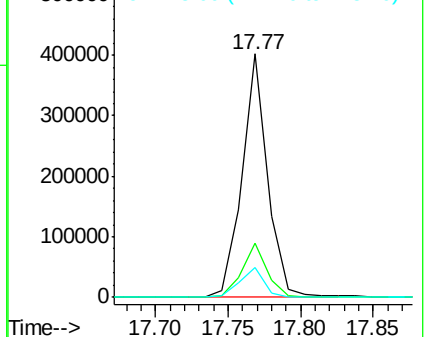
125 12.2 8.3 12.5



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: 39.58 ng

RT: 19.28 min Scan# 1609

Delta R.T. -0.09 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

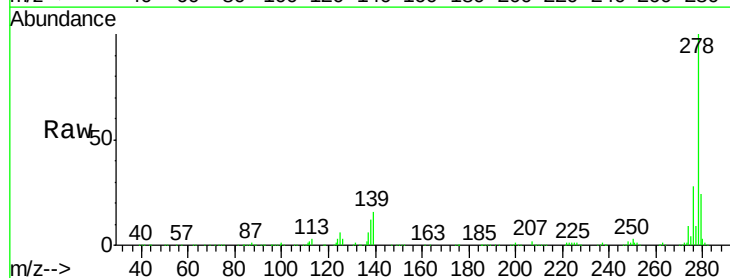
Tgt Ion:278 Resp: 491018

Ion Ratio Lower Upper

278 100

139 16.0 14.3 21.5

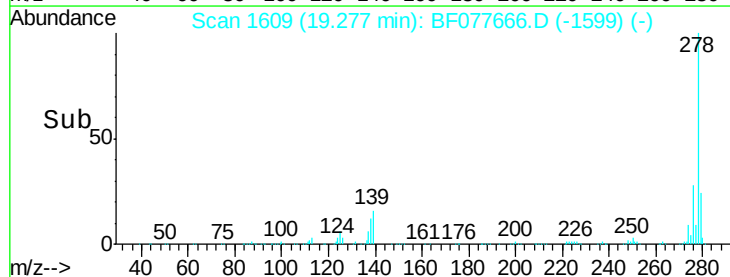
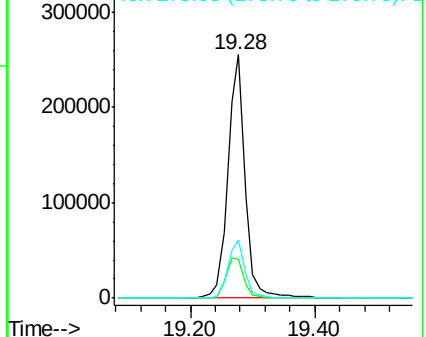
279 23.6 19.0 28.6

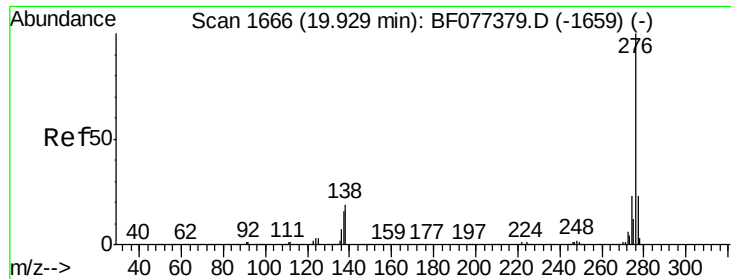


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.32 ng

RT: 19.66 min Scan# 1643

Delta R.T. -0.09 min

Lab File: BF077666.D

Acq: 10 Mar 2015 17:40

Instrument :

BNA_F

ClientSampleId :

PB82015BSD

Tgt Ion: 276 Resp: 492340

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 19.9 20.5 30.7#

