

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030915\
 Data File : BF077646.D
 Acq On : 9 Mar 2015 19:04
 Operator : TP/IZ
 Sample : PB81951BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Quant Time: Mar 10 00:04:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	61707	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	253372	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	127196	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	242851	20.00	ng	0.00
75) Chrysene-d12	16.08	240	274069	20.00	ng	0.02
86) Perylene-d12	17.88	264	256374	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	471558	127.58	ng	0.00
7) Phenol-d6	6.76	99	619161	130.28	ng	0.00
23) Nitrobenzene-d5	7.88	82	325646	79.92	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	153128	125.03	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	726969	89.12	ng	0.00
78) Terphenyl-d14	14.77	244	839397	71.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	46674	29.76	ng	96
3) Pyridine	2.85	79	136512	30.42	ng	97
4) n-Nitrosodimethylamine	2.74	42	76580	39.25	ng	90
6) Aniline	6.78	93	138061	21.02	ng	95
8) 2-Chlorophenol	6.92	128	176135	40.39	ng	95
9) Benzaldehyde	6.64	77	26881	9.32	ng	95
10) Phenol	6.77	94	221256	39.24	ng	81
11) bis(2-Chloroethyl)ether	6.88	93	154990	38.25	ng	99
12) 1,3-Dichlorobenzene	7.11	146	174631	36.78	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	177482	36.74	ng	96
14) 1,2-Dichlorobenzene	7.40	146	172160	37.47	ng	96
15) Benzyl Alcohol	7.38	79	138932	38.46	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.55	45	209715	36.21	ng	96
17) 2-Methylphenol	7.52	107	135322	39.70	ng	98
18) Hexachloroethane	7.81	117	61842	38.33	ng	# 87
19) n-Nitroso-di-n-propylamine	7.71	70	115605	38.30	ng	97
20) 3+4-Methylphenols	7.72	107	182390	40.63	ng	# 74
22) Acetophenone	7.70	105	225377	37.81	ng	# 89
24) Nitrobenzene	7.91	77	166010	38.73	ng	# 82
25) Isophorone	8.21	82	301383	37.28	ng	98
26) 2-Nitrophenol	8.30	139	83144	47.32	ng	91
27) 2,4-Dimethylphenol	8.37	122	151979	38.66	ng	95
28) bis(2-Chloroethoxy)methane	8.49	93	184661	36.16	ng	99
29) 2,4-Dichlorophenol	8.60	162	146556	39.72	ng	97
30) 1,2,4-Trichlorobenzene	8.70	180	146004	35.99	ng	98
31) Naphthalene	8.80	128	497678	39.28	ng	99
32) Benzoic acid	8.47	122	79714	41.73	ng	99
33) 4-Chloroaniline	8.87	127	120530	21.39	ng	98
34) Hexachlorobutadiene	8.95	225	82529	35.63	ng	98
35) Caprolactam	9.30	113	45326	40.24	ng	# 74
36) 4-Chloro-3-methylphenol	9.48	107	150141	40.47	ng	95
37) 2-Methylnaphthalene	9.65	142	339514	37.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	143619	39.35	ng	# 98
40) Hexachlorocyclopentadiene	9.85	237	142093	72.61	ng	96

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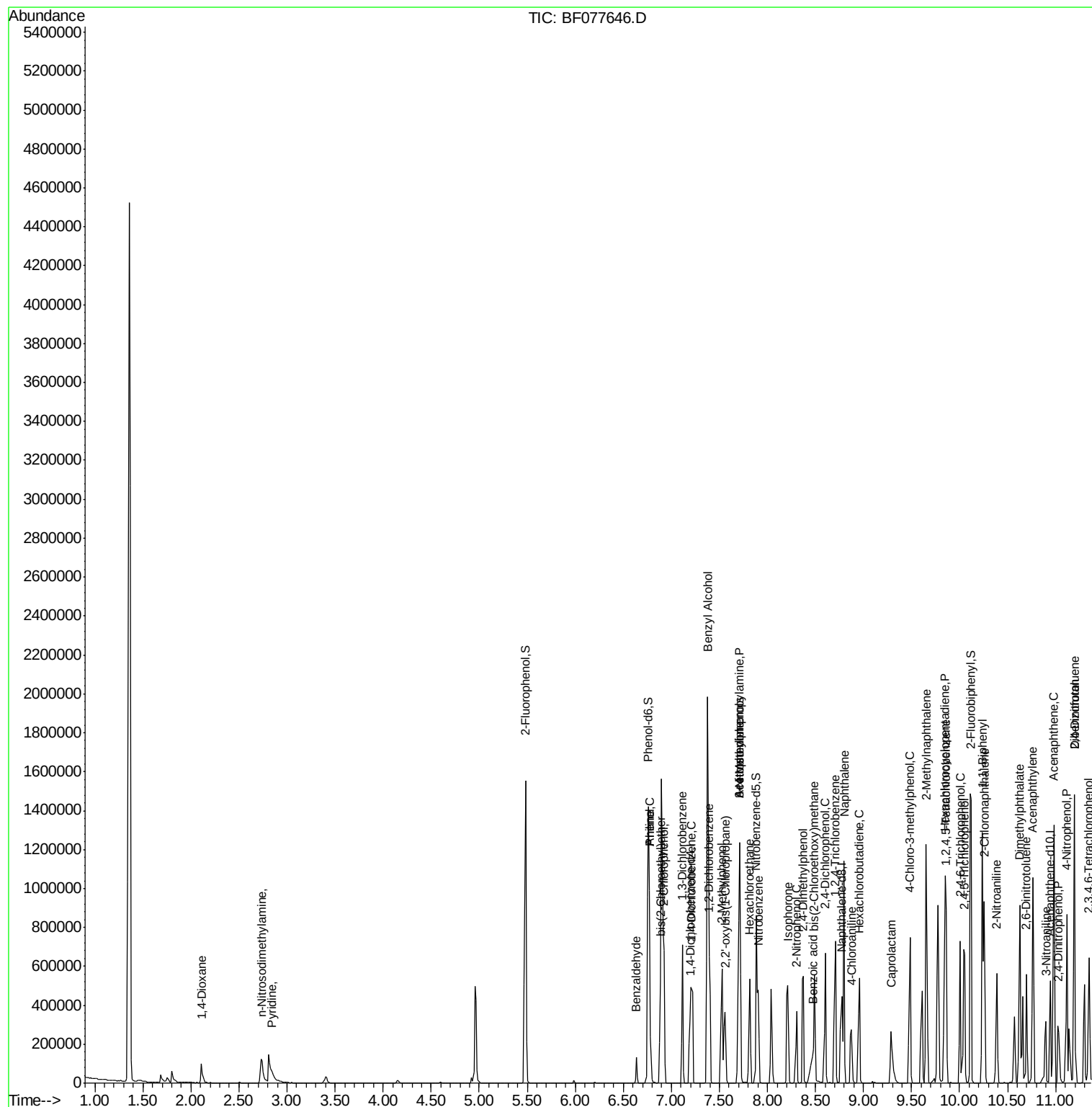
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	10.01	196	106287	43.98	ng	99
43) 2,4,5-Trichlorophenol	10.05	196	111675	43.21	ng	# 95
45) 1,1'-Biphenyl	10.24	154	392270	40.71	ng	98
46) 2-Chloronaphthalene	10.26	162	323784	42.84	ng	94
47) 2-Nitroaniline	10.39	65	90150	48.46	ng	91
48) Acenaphthylene	10.77	152	503042	42.05	ng	100
49) Dimethylphthalate	10.63	163	365568	40.89	ng	98
50) 2,6-Dinitrotoluene	10.70	165	80972	45.16	ng	# 57
51) Acenaphthene	10.98	154	290500	40.69	ng	99
52) 3-Nitroaniline	10.90	138	69938	33.83	ng	83
53) 2,4-Dinitrophenol	11.03	184	54886	100.60	ng	94
54) Dibenzofuran	11.20	168	461741	41.89	ng	99
55) 4-Nitrophenol	11.12	139	156384	94.05	ng	# 81
56) 2,4-Dinitrotoluene	11.19	165	112870	46.59	ng	# 90
57) Fluorene	11.62	166	375692	42.63	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	89107	42.89	ng	97
59) Diethylphthalate	11.50	149	360226	40.87	ng	97
60) 4-Chlorophenyl-phenylether	11.63	204	167873	39.53	ng	95
61) 4-Nitroaniline	11.65	138	92080	46.47	ng	89
62) Azobenzene	11.82	77	356550	42.63	ng	98
64) 4,6-Dinitro-2-methylphenol	11.69	198	39979	41.78	ng	# 46
65) n-Nitrosodiphenylamine	11.78	169	329362	40.88	ng	99
66) 4-Bromophenyl-phenylether	12.24	248	101973	35.86	ng	99
67) Hexachlorobenzene	12.29	284	110748	36.28	ng	92
68) Atrazine	12.45	200	104850	40.02	ng	97
69) Pentachlorophenol	12.55	266	125968	78.52	ng	100
70) Phenanthrene	12.81	178	551022	39.15	ng	99
71) Anthracene	12.87	178	568624	40.71	ng	98
72) Carbazole	13.08	167	537406	40.46	ng	99
73) Di-n-butylphthalate	13.53	149	574530	36.84	ng	# 97
74) Fluoranthene	14.28	202	608420	39.57	ng	99
76) Benzidine	14.47	184	213685	23.08	ng	97
77) Pyrene	14.56	202	645049	38.48	ng	99
79) Butylbenzylphthalate	15.40	149	253793	36.80	ng	# 80
80) Benzo(a)anthracene	16.06	228	603504	37.57	ng	99
81) 3,3'-Dichlorobenzidine	16.05	252	151117	25.68	ng	# 97
82) Chrysene	16.11	228	580002	38.45	ng	99
83) Bis(2-ethylhexyl)phthalate	16.13	149	368258	33.30	ng	# 97
85) Indeno(1,2,3-cd)pyrene	19.30	276	501023	29.13	ng	97
87) Benzo(b)fluoranthene	17.44	252	587933	39.44	ng	99
88) Benzo(k)fluoranthene	17.44	252	586547	40.15	ng	# 95
89) Benzo(a)pyrene	17.81	252	577683	40.69	ng	97
90) Dibenzo(a,h)anthracene	19.33	278	549313	40.57	ng	97
91) Benzo(g,h,i)perylene	19.72	276	563879	41.26	ng	99

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

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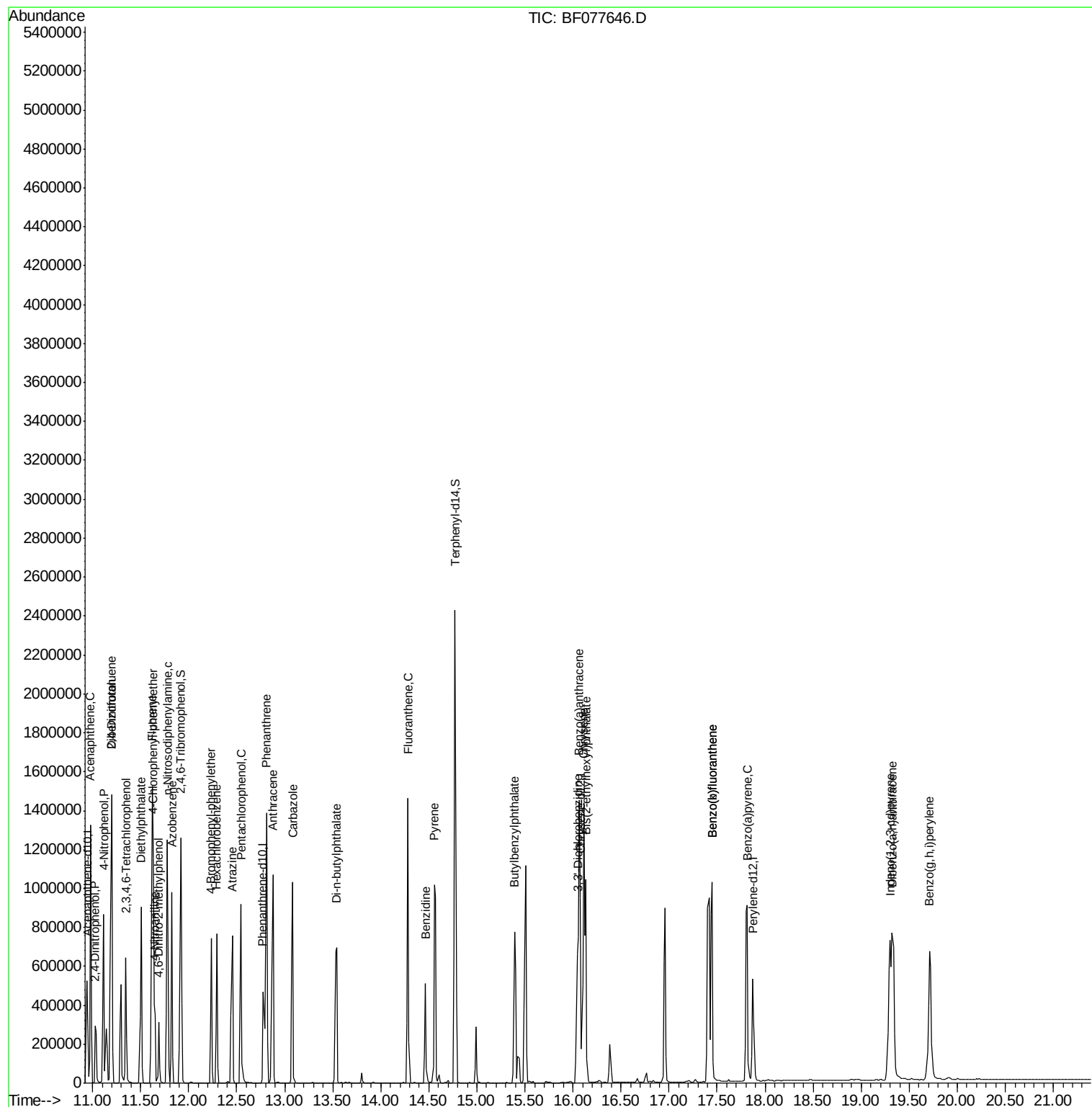
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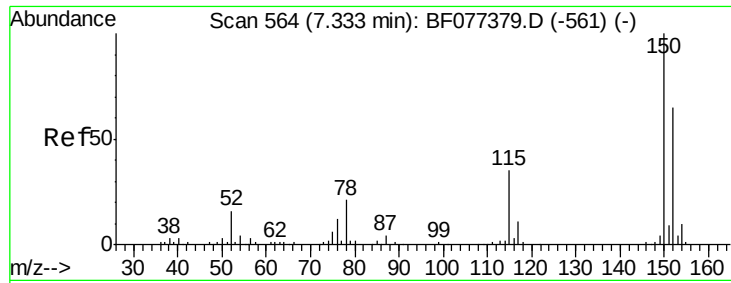


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.19 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

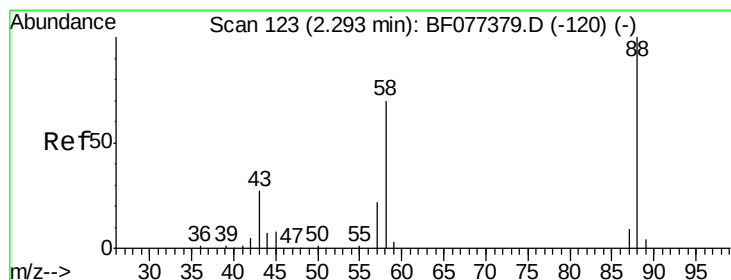
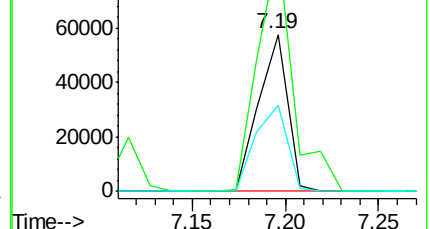
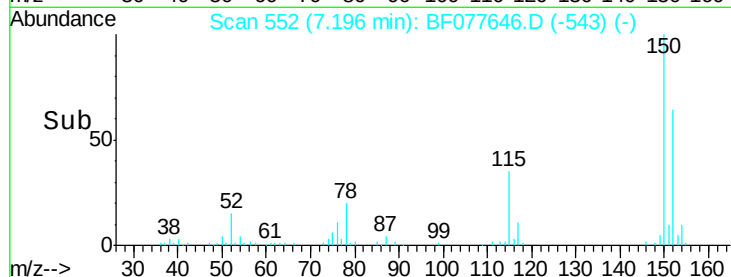
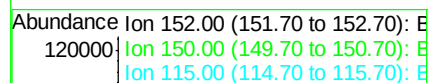
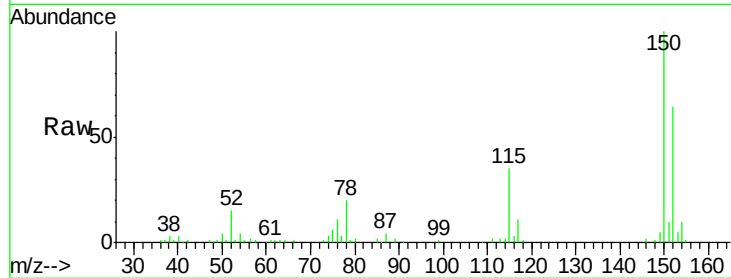
Tgt Ion:152 Resp: 61707

Ion Ratio Lower Upper

152 100

150 155.3 124.0 186.0

115 55.1 49.4 74.2



#2

1,4-Dioxane

Concen: 29.76 ng

RT: 2.12 min Scan# 108

Delta R.T. 0.02 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

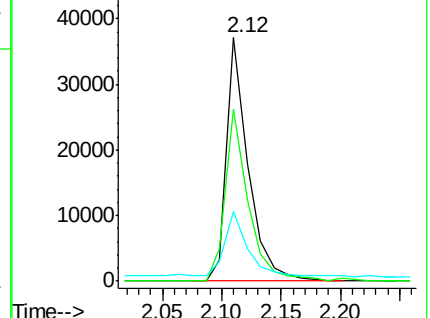
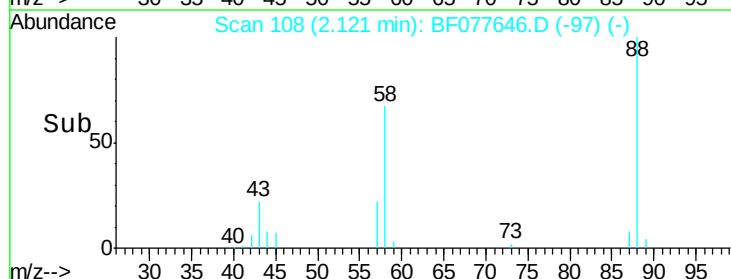
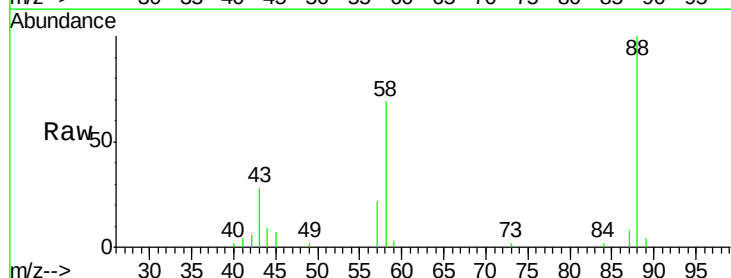
Tgt Ion: 88 Resp: 46674

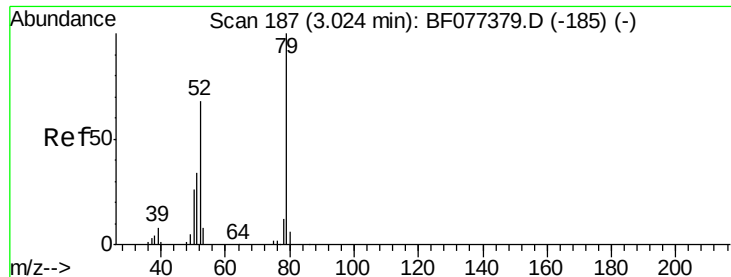
Ion Ratio Lower Upper

88 100

58 75.2 62.1 93.1

43 33.0 24.0 36.0





#3

Pyridine

Concen: 30.42 ng

RT: 2.85 min Scan# 172

Delta R.T. 0.05 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

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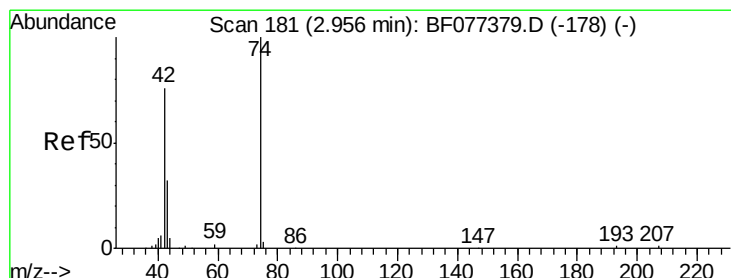
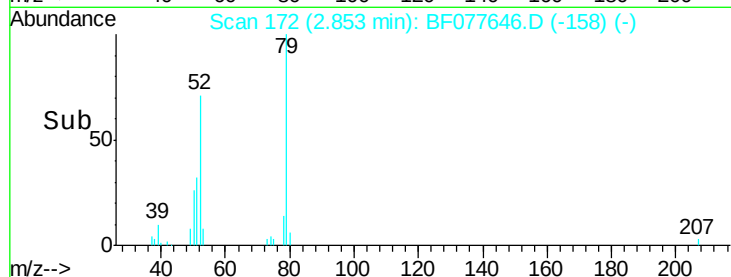
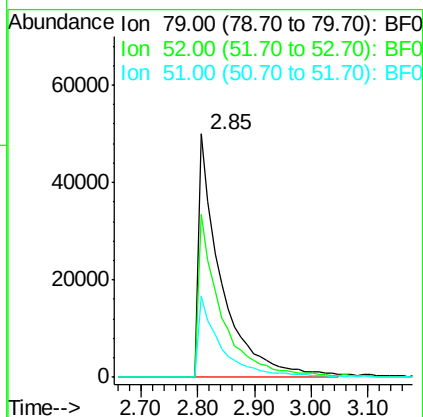
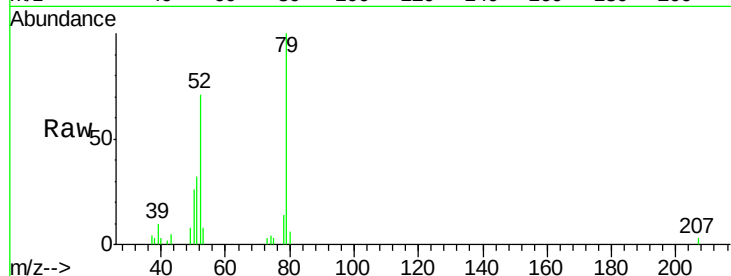
Tgt Ion: 79 Resp: 136512

Ion Ratio Lower Upper

79 100

52 71.0 57.7 86.5

51 31.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 39.25 ng

RT: 2.74 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

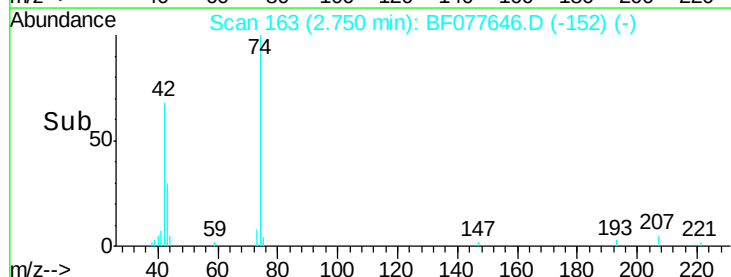
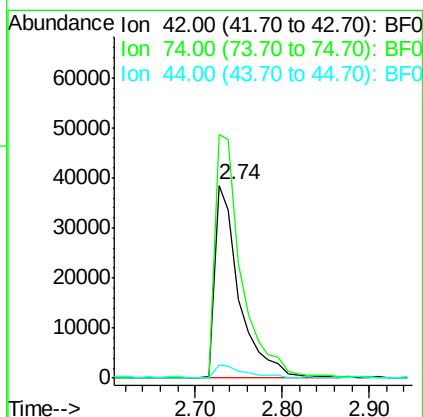
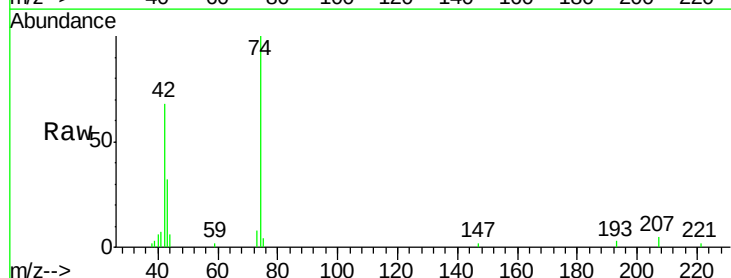
Tgt Ion: 42 Resp: 76580

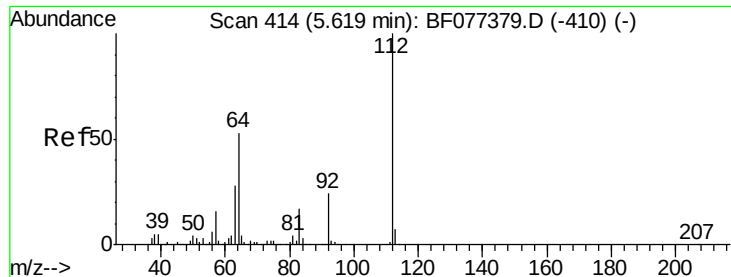
Ion Ratio Lower Upper

42 100

74 146.5 107.1 160.7

44 9.2 6.7 10.1





#5

2-Fluorophenol

Concen: 127.58 ng

RT: 5.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

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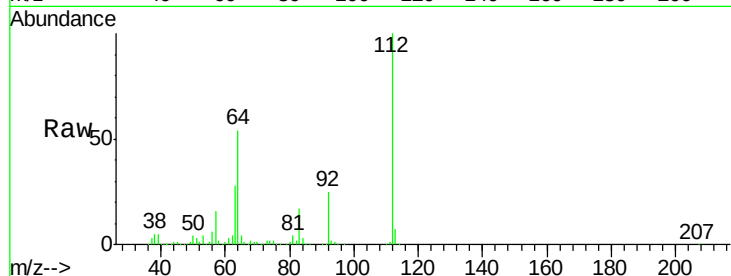
Tgt Ion: 112 Resp: 471558

Ion Ratio Lower Upper

112 100

64 54.5 48.5 72.7

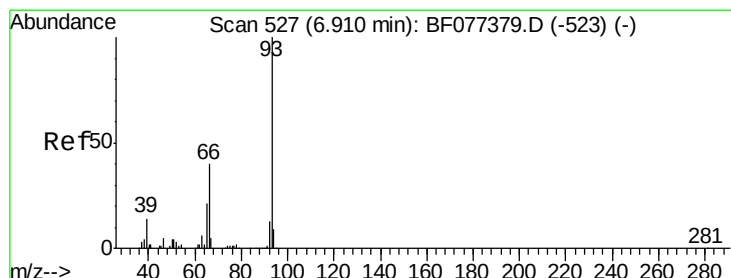
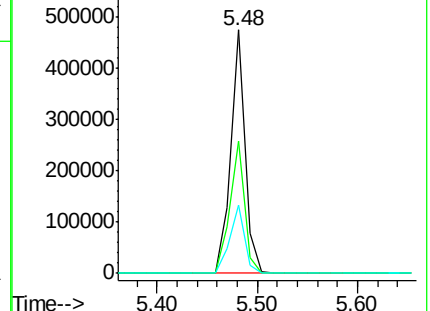
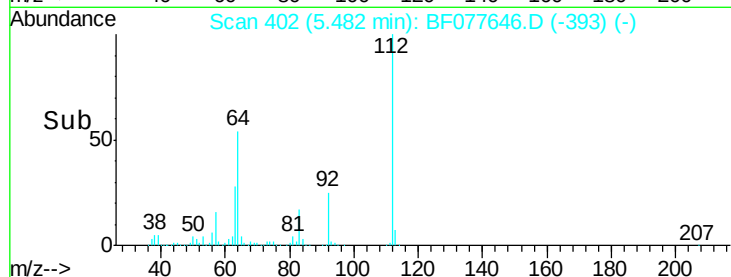
63 28.2 25.0 37.4



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: 21.02 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

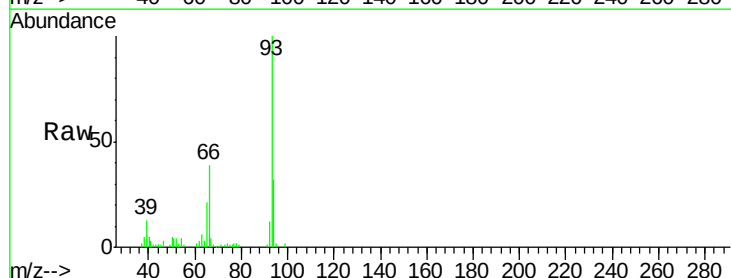
Tgt Ion: 93 Resp: 138061

Ion Ratio Lower Upper

93 100

66 39.2 29.1 43.7

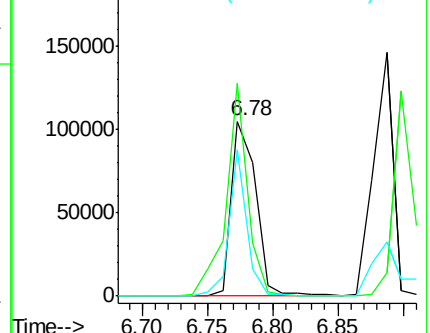
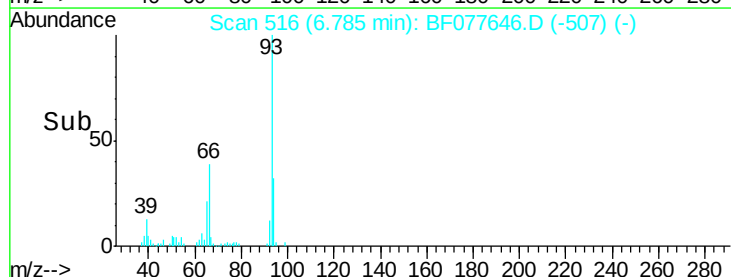
65 20.8 14.6 22.0

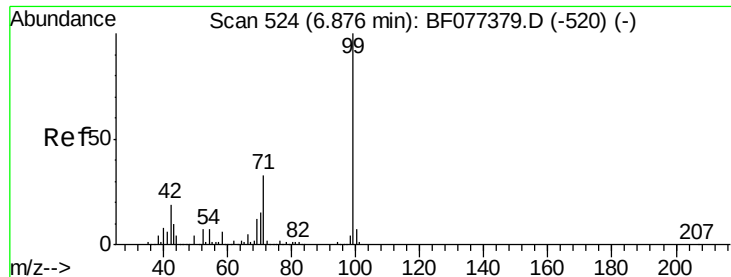


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.28 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

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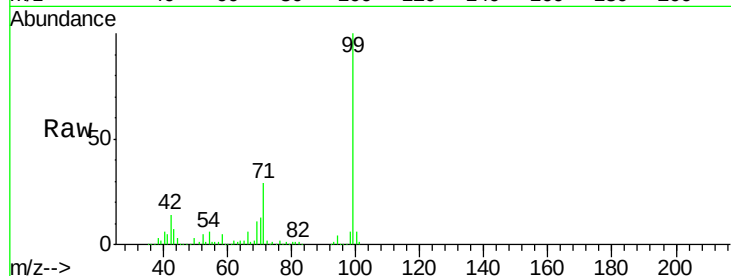
Tgt Ion: 99 Resp: 619161

Ion Ratio Lower Upper

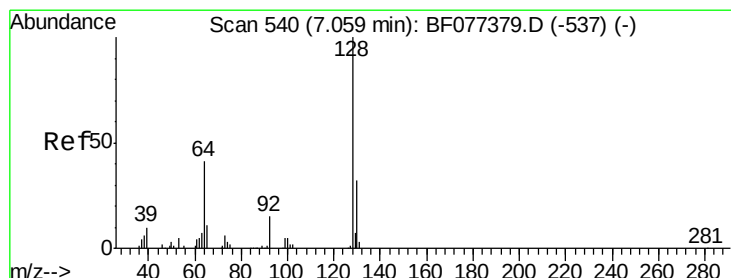
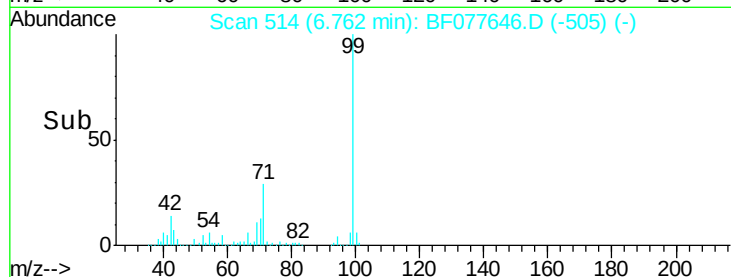
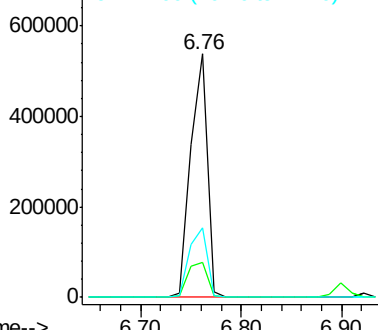
99 100

42 14.3 16.2 24.4#

71 28.8 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: 40.39 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

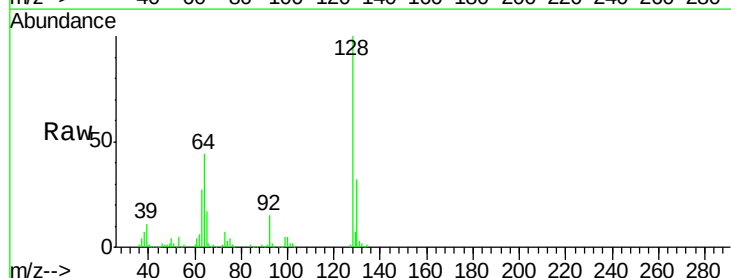
Tgt Ion: 128 Resp: 176135

Ion Ratio Lower Upper

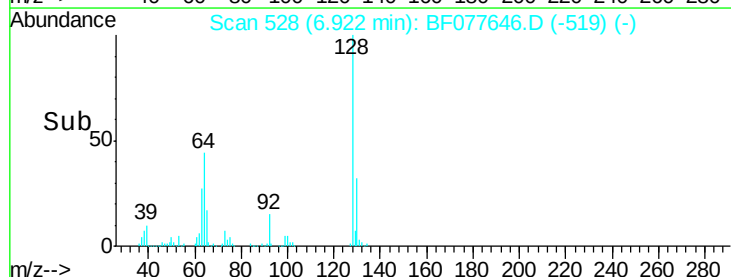
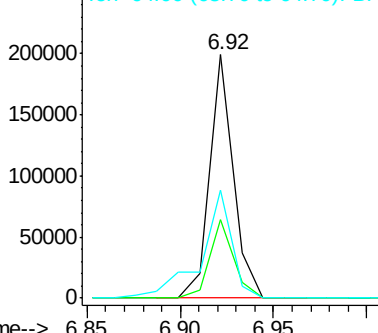
128 100

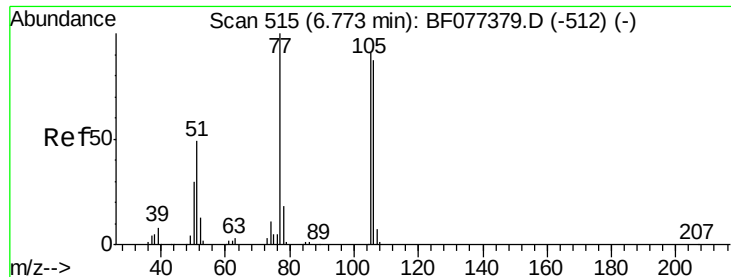
130 32.2 12.0 52.0

64 44.1 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: 9.32 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

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Acq: 9 Mar 2015 19:04

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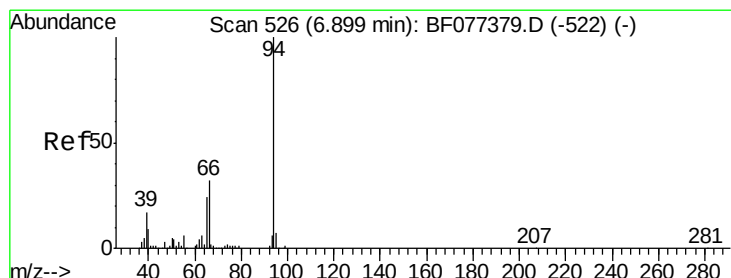
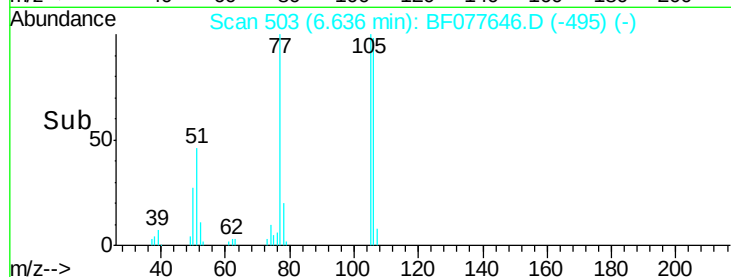
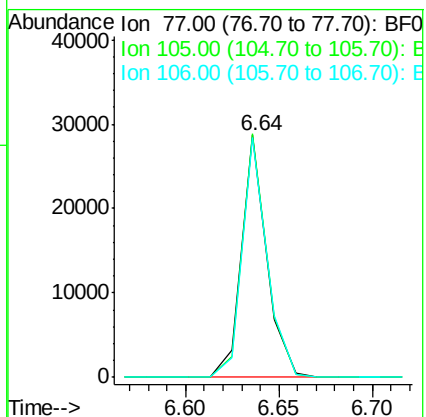
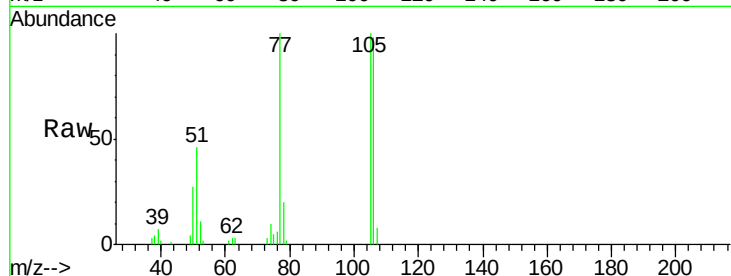
Tgt Ion: 77 Resp: 26881

Ion Ratio Lower Upper

77 100

105 100.5 85.9 125.9

106 98.7 82.9 122.9



#10

Phenol

Concen: 39.24 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

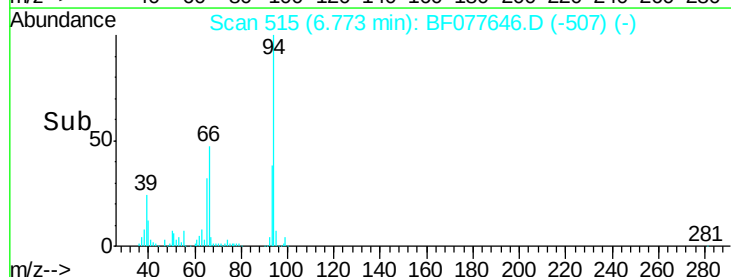
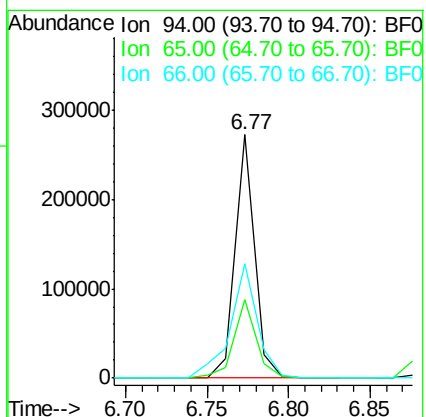
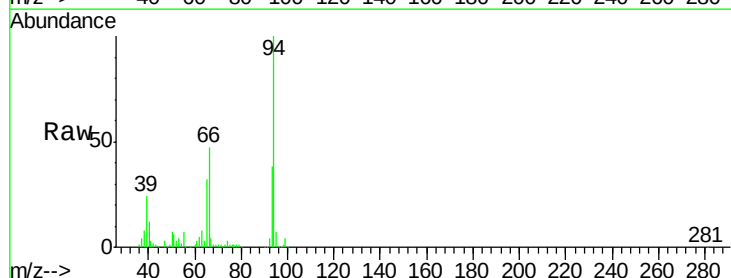
Tgt Ion: 94 Resp: 221256

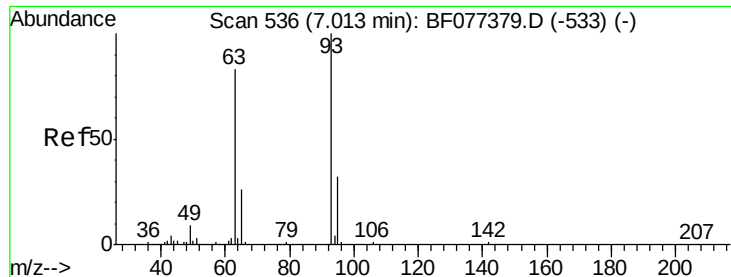
Ion Ratio Lower Upper

94 100

65 32.2 5.7 45.7

66 46.8 13.6 53.6

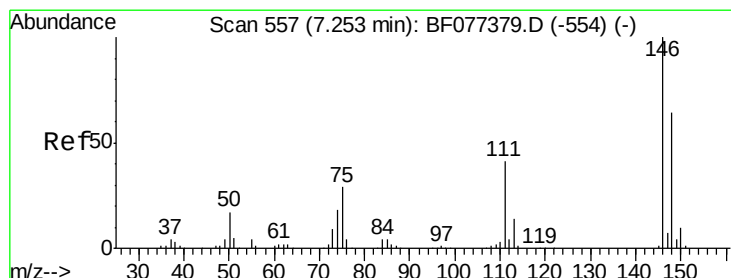
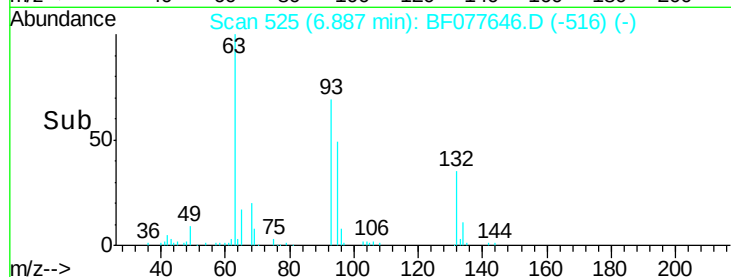
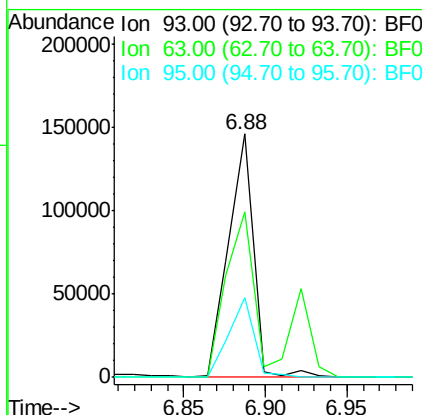
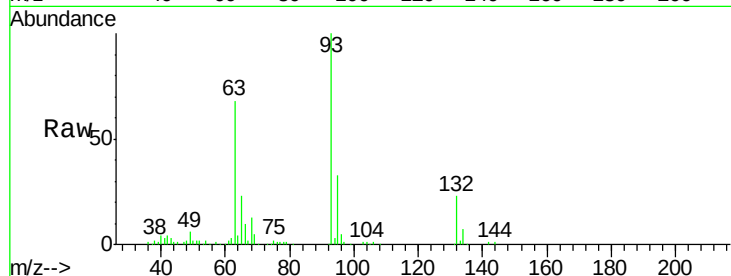




#11
bis(2-Chloroethyl)ether
Concen: 38.25 ng
RT: 6.88 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

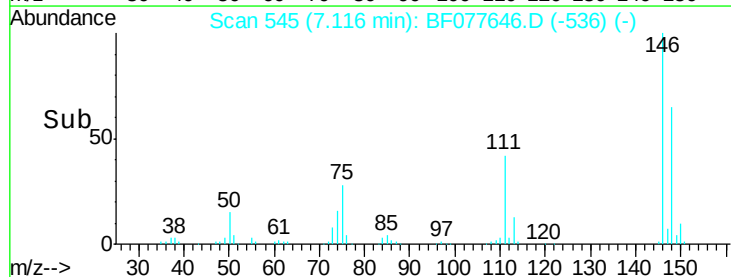
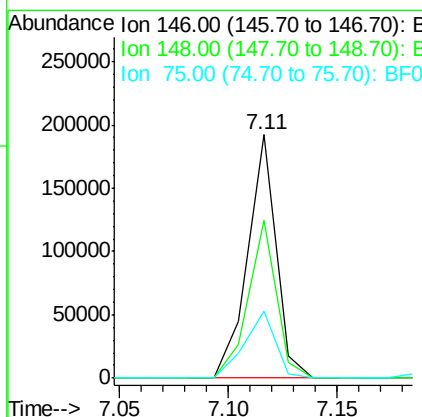
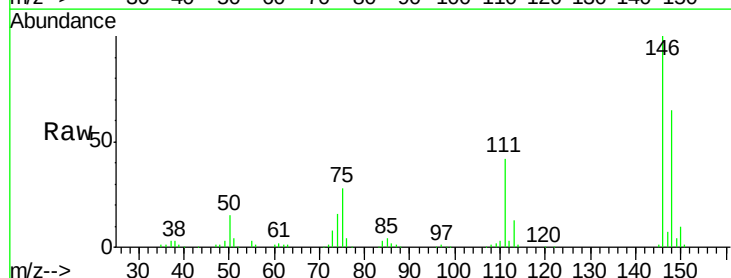
Instrument :
BNA_F
ClientSampleId :
PB81951BS

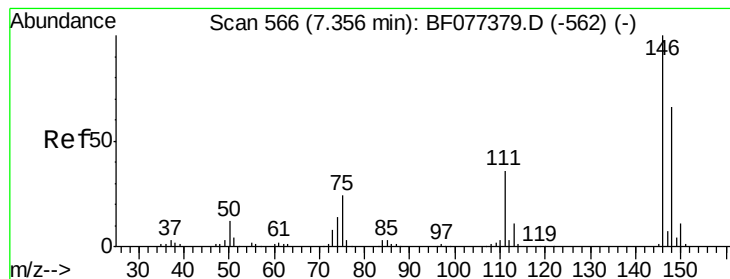
Tgt Ion: 93 Resp: 154990
Ion Ratio Lower Upper
93 100
63 68.2 48.7 88.7
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.78 ng
RT: 7.11 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion: 146 Resp: 174631
Ion Ratio Lower Upper
146 100
148 65.1 49.8 74.8
75 27.6 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 36.74 ng

RT: 7.21 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

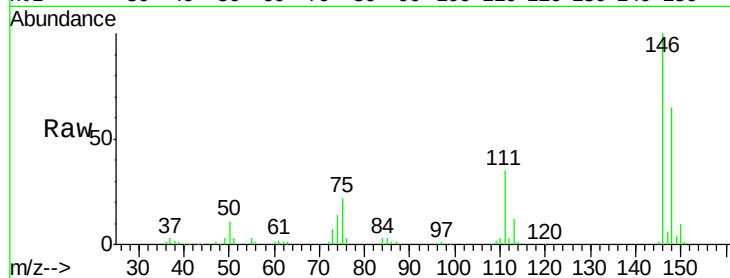
Tgt Ion:146 Resp: 177482

Ion Ratio Lower Upper

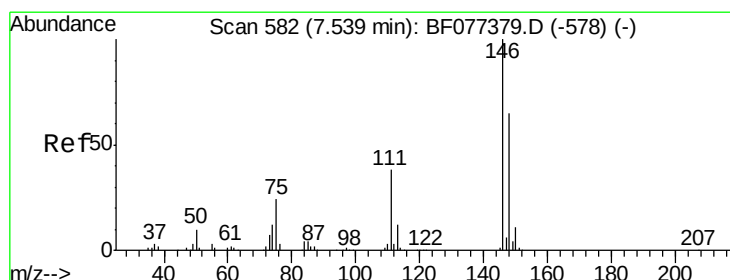
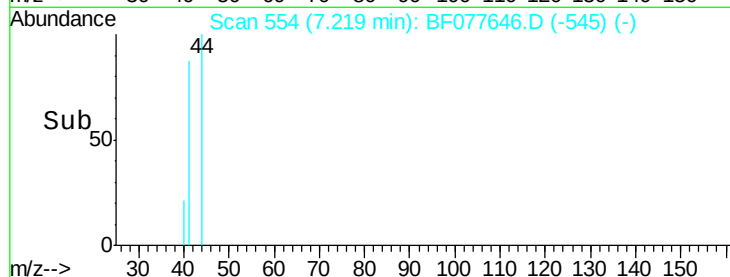
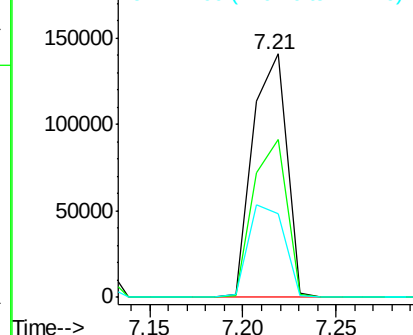
146 100

148 64.7 52.0 78.0

111 34.6 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: 37.47 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

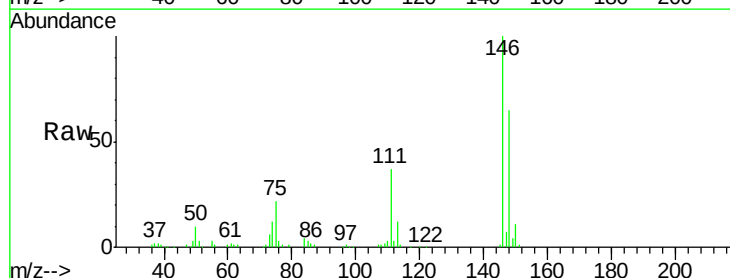
Tgt Ion:146 Resp: 172160

Ion Ratio Lower Upper

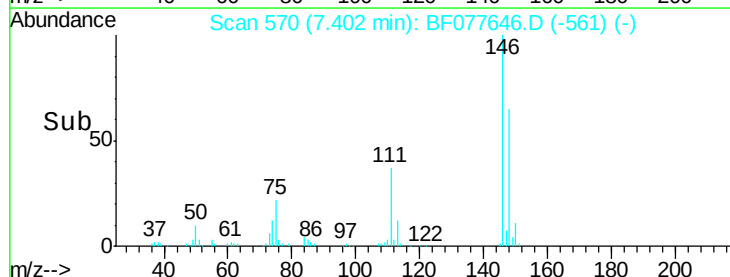
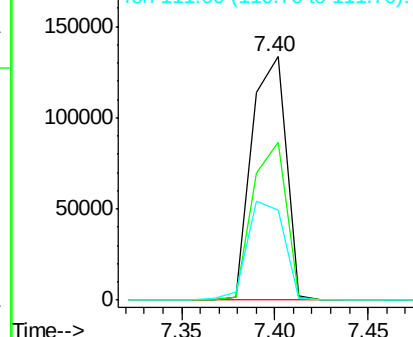
146 100

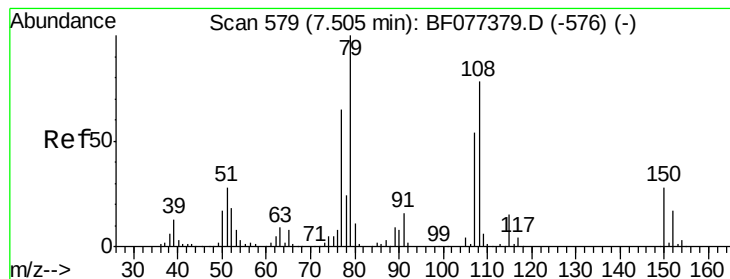
148 64.6 51.6 77.4

111 36.7 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: 38.46 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

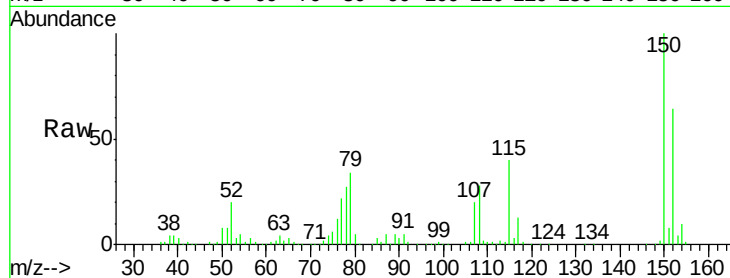
Tgt Ion: 79 Resp: 138932

Ion Ratio Lower Upper

79 100

108 82.5 58.3 87.5

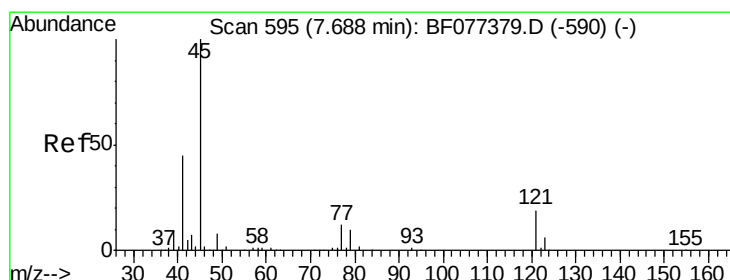
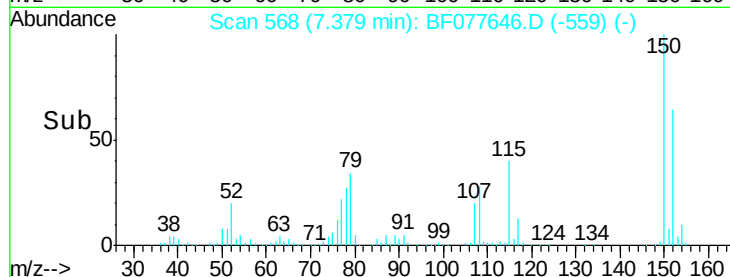
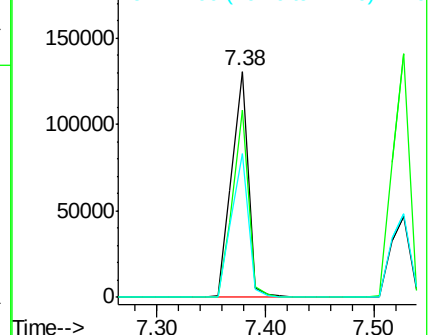
77 63.6 51.3 76.9



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: 36.21 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

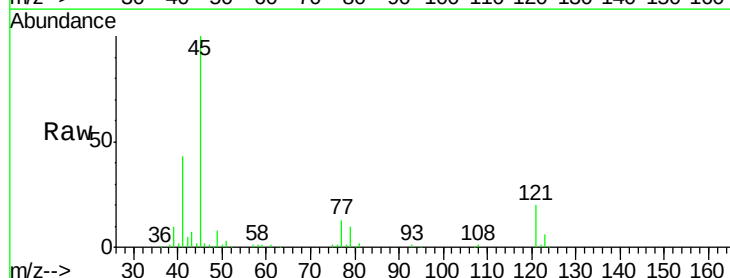
Tgt Ion: 45 Resp: 209715

Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.6

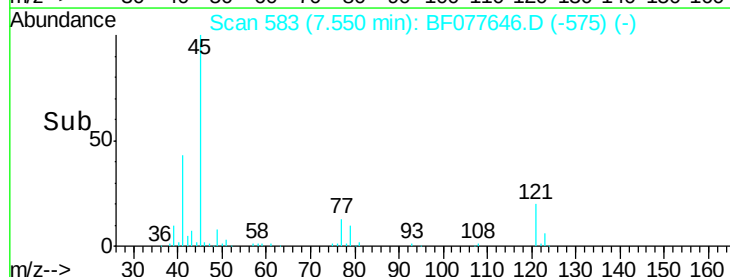
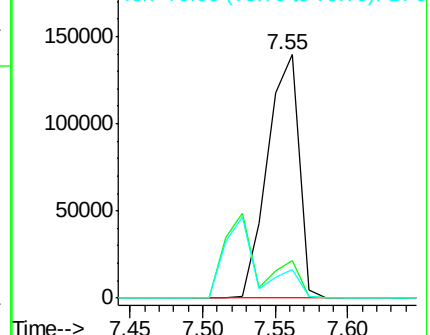
79 9.9 0.0 31.5

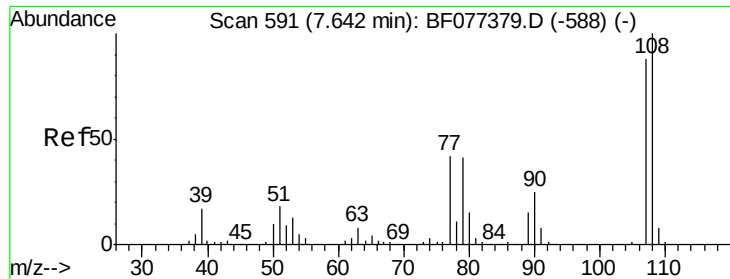


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

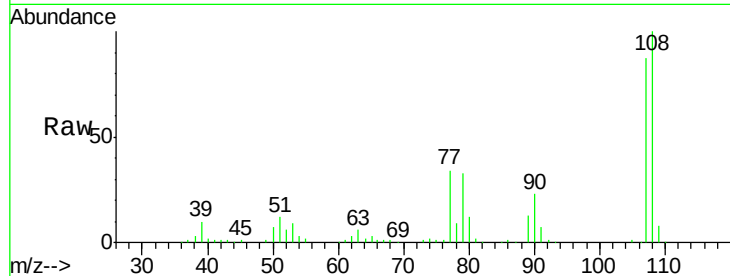




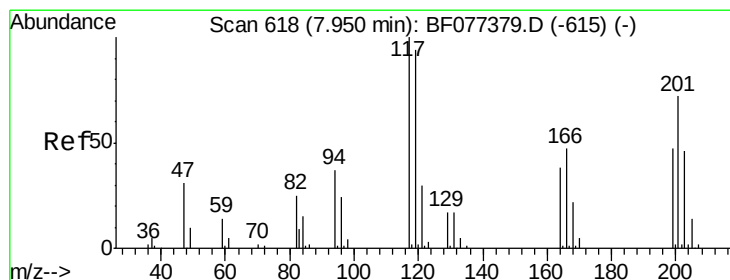
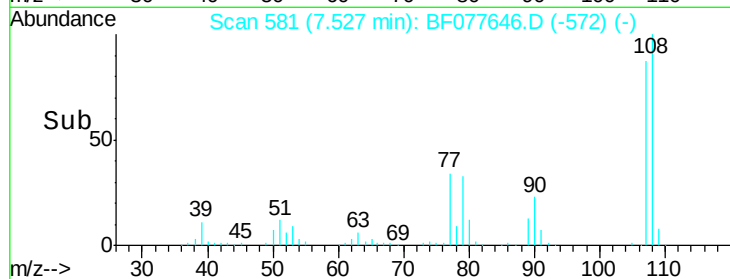
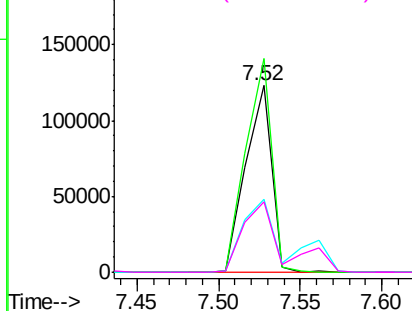
#17
2-Methylphenol
Concen: 39.70 ng
RT: 7.52 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Instrument :
BNA_F
ClientSampleId :
PB81951BS

Tgt Ion:107 Resp: 135322
Ion Ratio Lower Upper
107 100
108 114.5 91.2 136.8
77 39.5 33.6 50.4
79 37.9 32.1 48.1

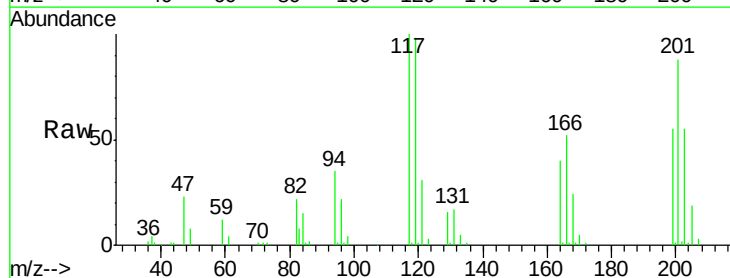


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

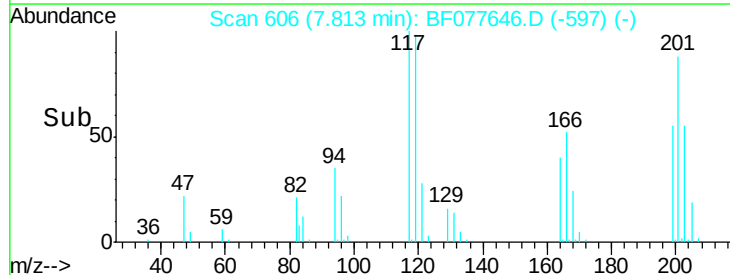
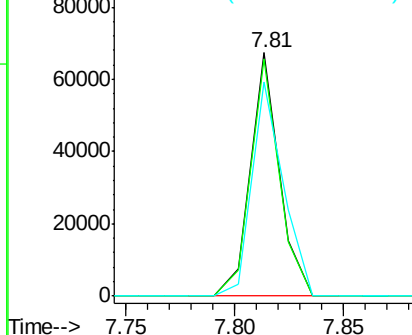


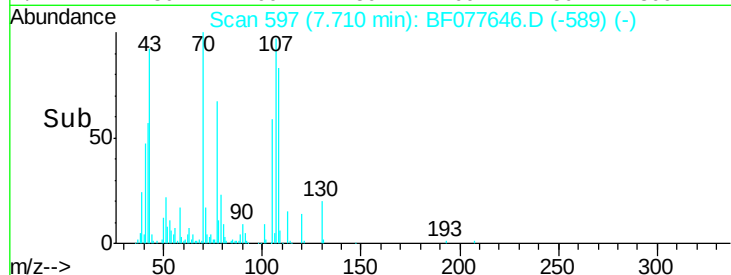
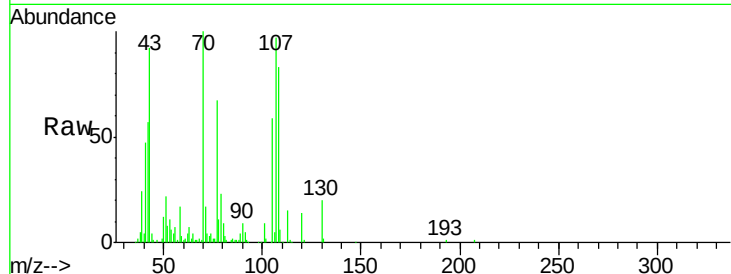
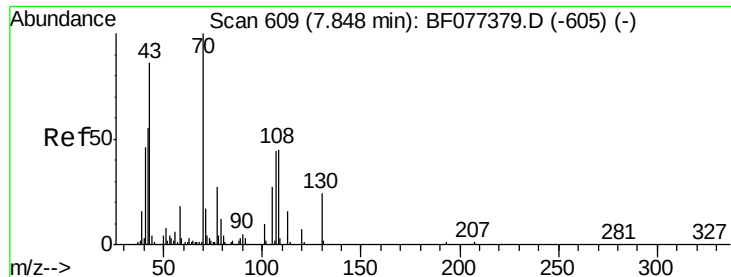
#18
Hexachloroethane
Concen: 38.33 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:117 Resp: 61842
Ion Ratio Lower Upper
117 100
119 97.6 77.8 116.8
201 87.9 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

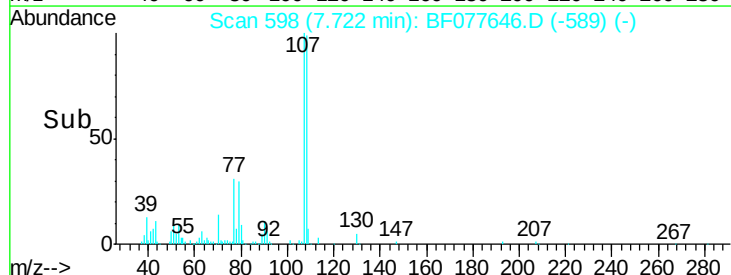
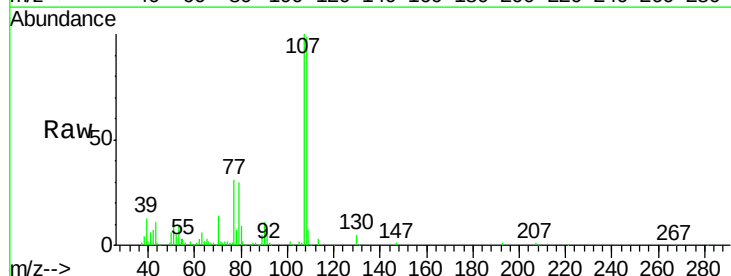
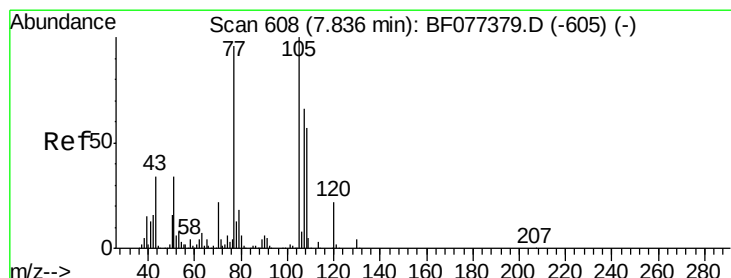
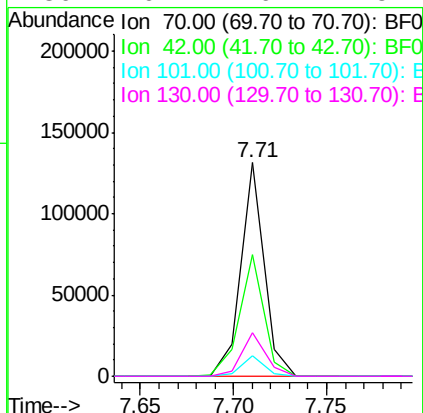




#19
n-Nitroso-di-n-propylamine
Concen: 38.30 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

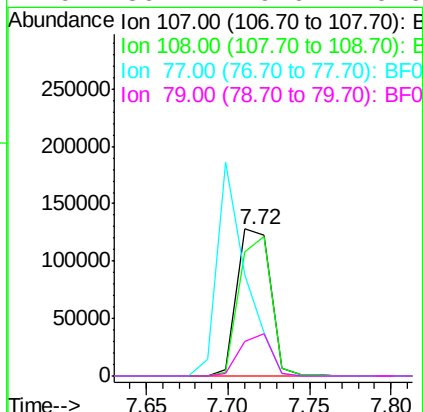
Instrument :
BNA_F
ClientSampleId :
PB81951BS

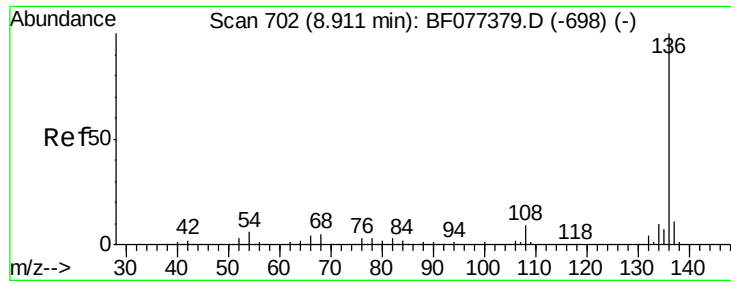
Tgt Ion:	70	Resp:	115605
Ion	Ratio	Lower	Upper
70	100		
42	57.1	48.3	72.5
101	9.4	7.5	11.3
130	20.4	16.7	25.1



#20
3+4-Methylphenols
Concen: 40.63 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:	107	Resp:	182390
Ion	Ratio	Lower	Upper
107	100		
108	99.2	76.8	116.8
77	30.7	65.8	105.8#
79	30.4	9.6	49.6

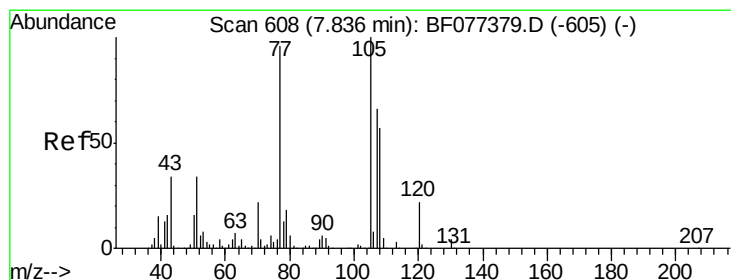
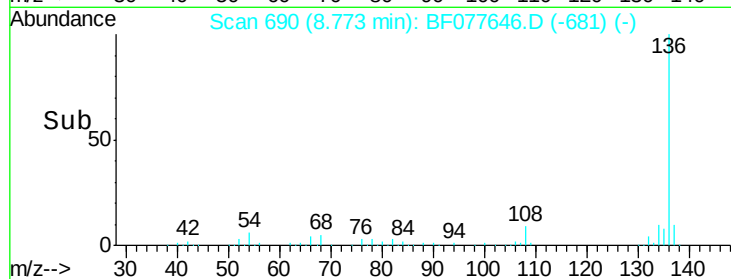
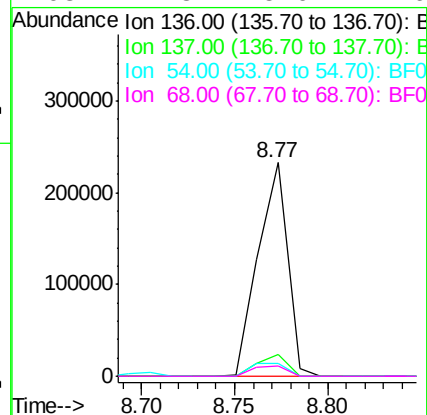
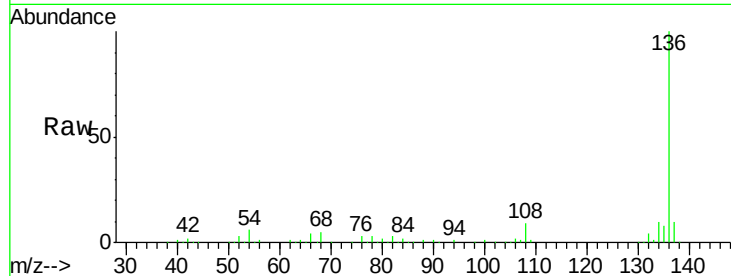




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

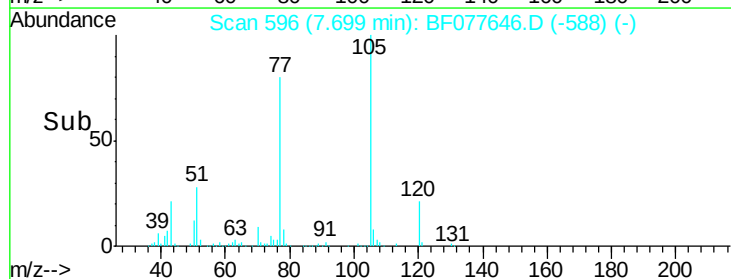
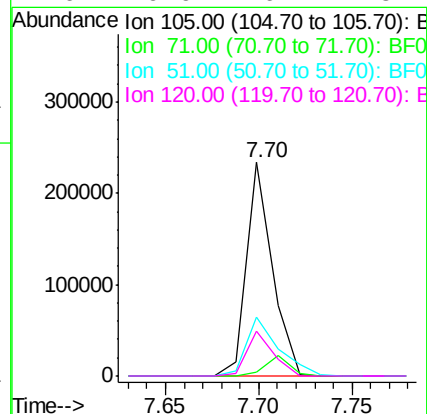
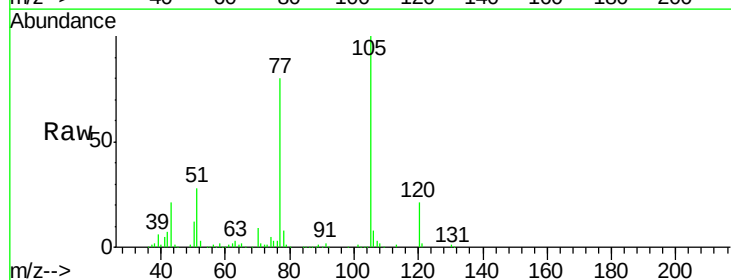
Instrument :
BNA_F
ClientSampleId :
PB81951BS

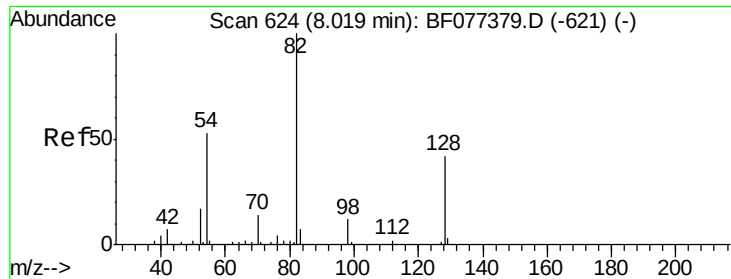
Tgt Ion:	136	Resp:	253372
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	6.0	6.2	9.4#
68	4.8	5.0	7.6#



#22
Acetophenone
Concen: 37.81 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:	105	Resp:	225377
Ion Ratio	Lower	Upper	
105	100		
71	1.6	1.7	2.5#
51	27.8	30.7	46.1#
120	20.9	16.7	25.1

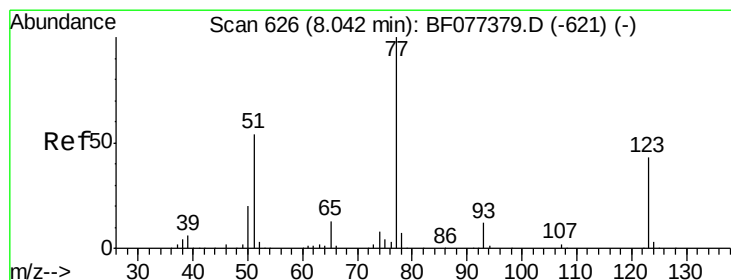
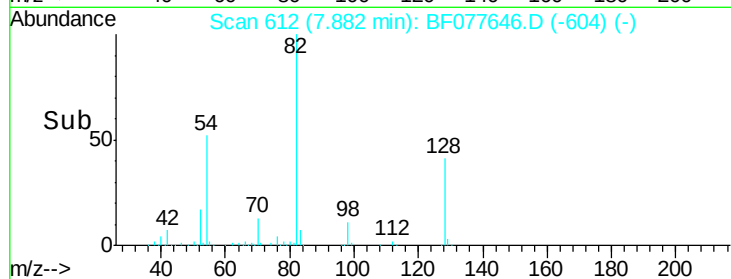
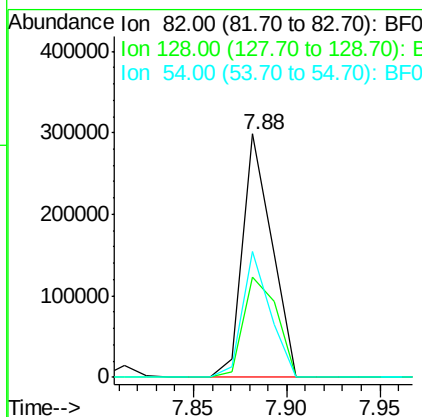
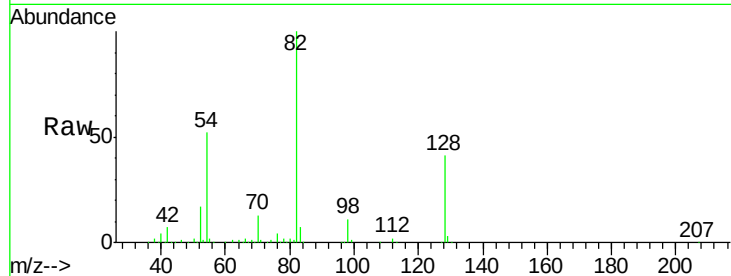




#23
 Nitrobenzene-d5
 Concen: 79.92 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

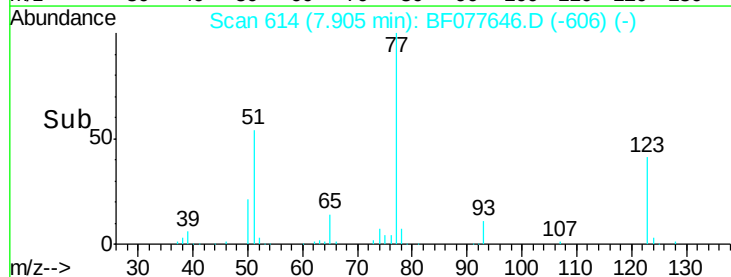
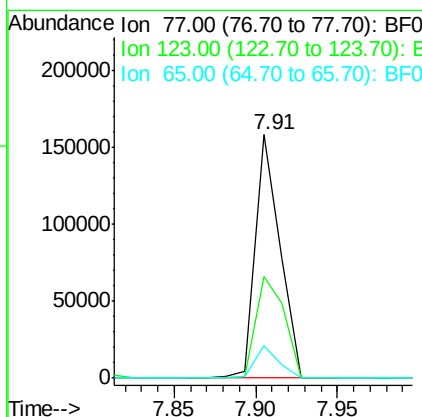
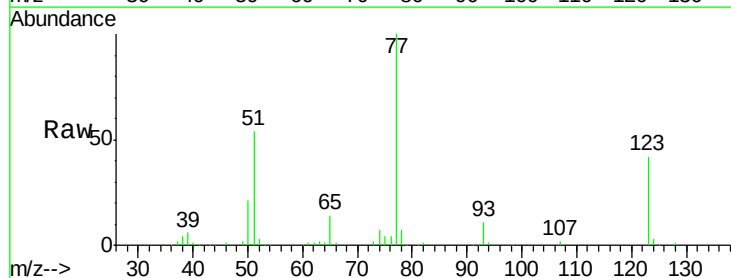
Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

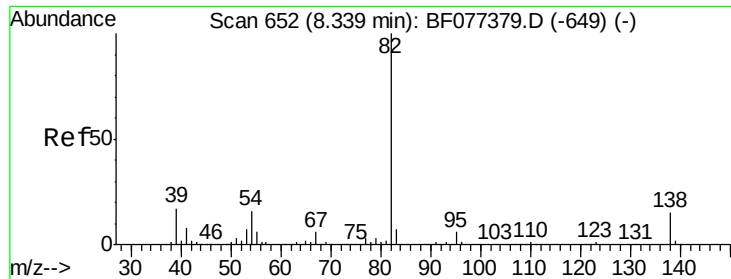
Tgt Ion: 82 Resp: 325646
 Ion Ratio Lower Upper
 82 100
 128 41.0 43.8 65.8#
 54 51.8 36.7 55.1



#24
 Nitrobenzene
 Concen: 38.73 ng
 RT: 7.91 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion: 77 Resp: 166010
 Ion Ratio Lower Upper
 77 100
 123 41.9 45.9 68.9#
 65 13.6 9.5 14.3





#25

Isophorone

Concen: 37.28 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

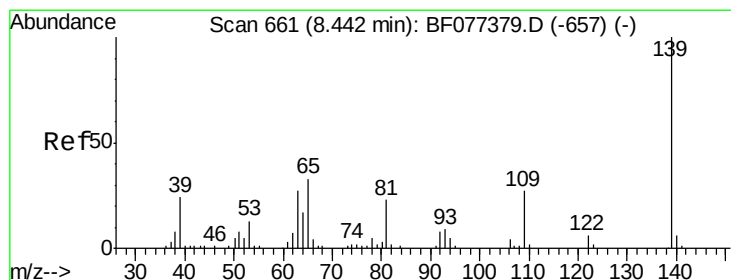
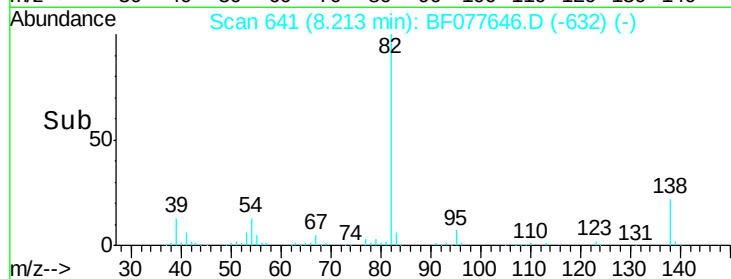
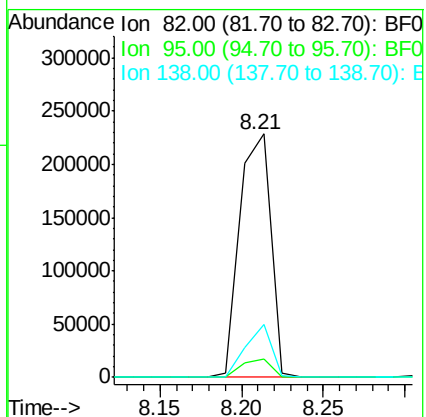
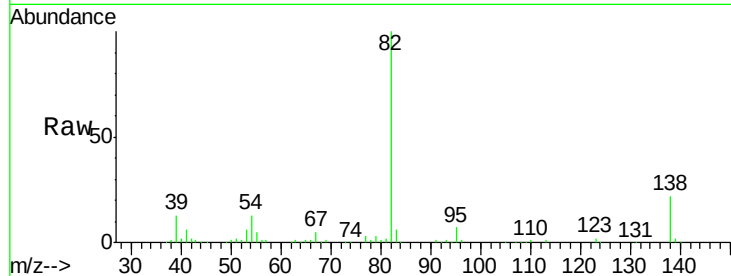
Tgt Ion: 82 Resp: 301383

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 21.6 16.3 24.5



#26

2-Nitrophenol

Concen: 47.32 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

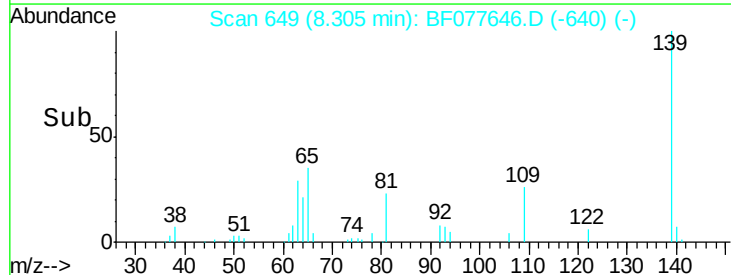
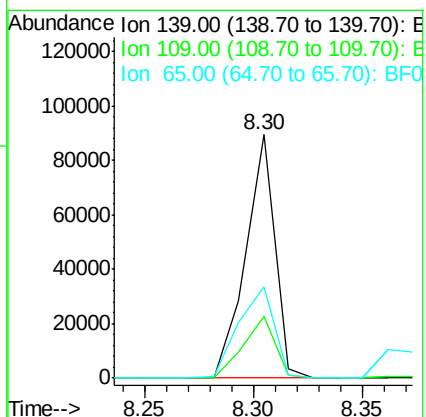
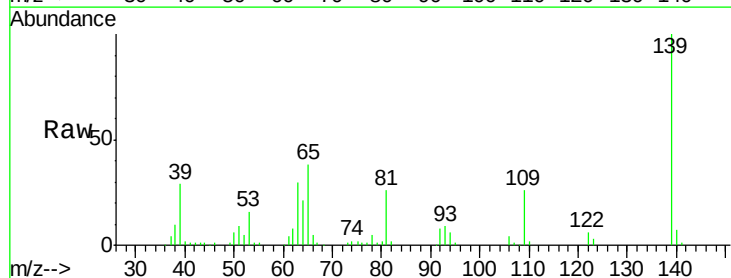
Tgt Ion: 139 Resp: 83144

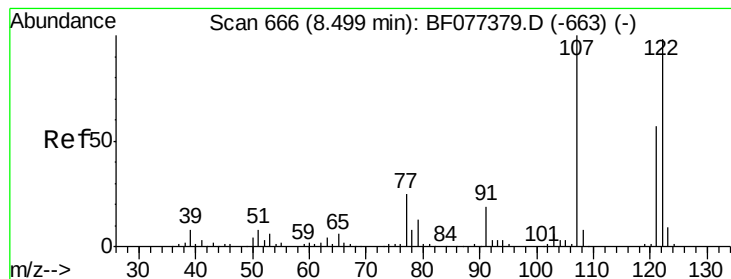
Ion Ratio Lower Upper

139 100

109 25.7 22.6 34.0

65 37.7 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 38.66 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

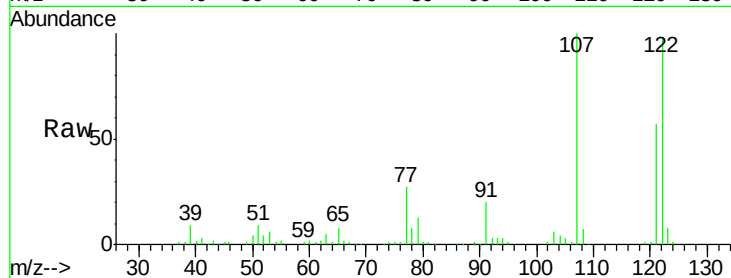
Tgt Ion: 122 Resp: 151979

Ion Ratio Lower Upper

122 100

107 101.8 86.6 130.0

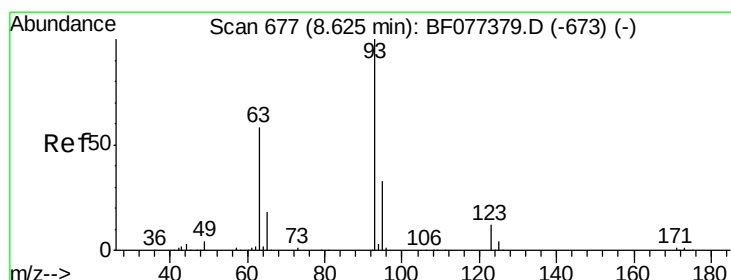
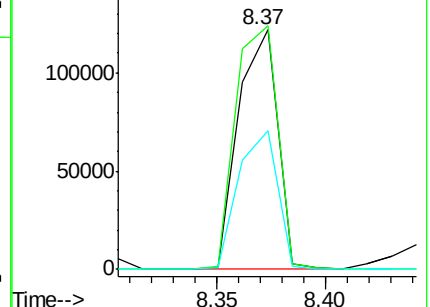
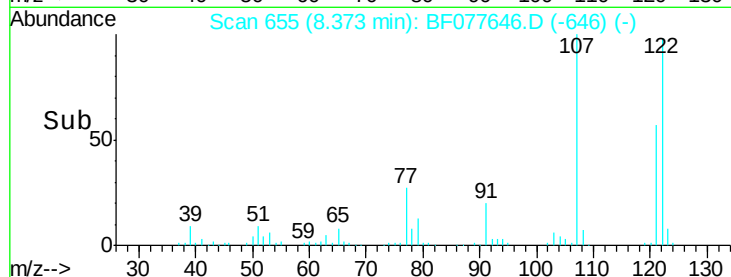
121 57.9 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.16 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

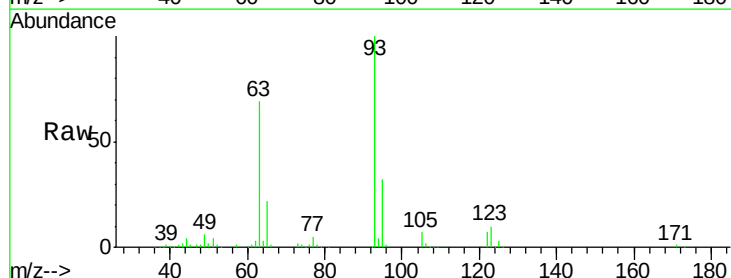
Tgt Ion: 93 Resp: 184661

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

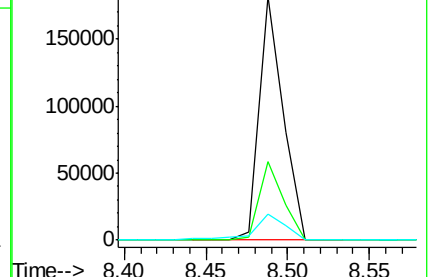
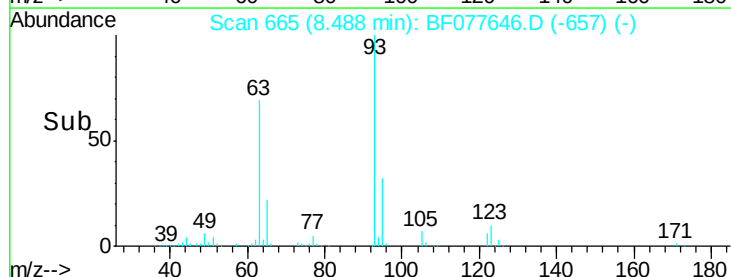
123 10.4 8.7 13.1

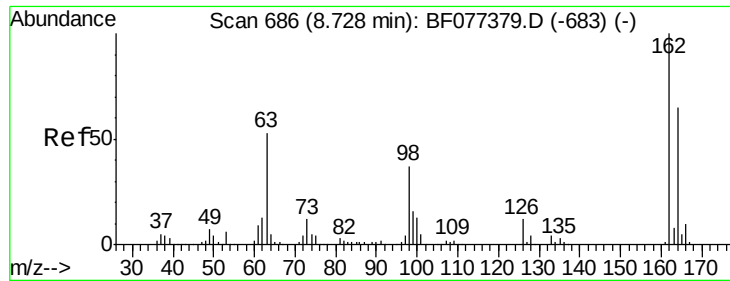


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

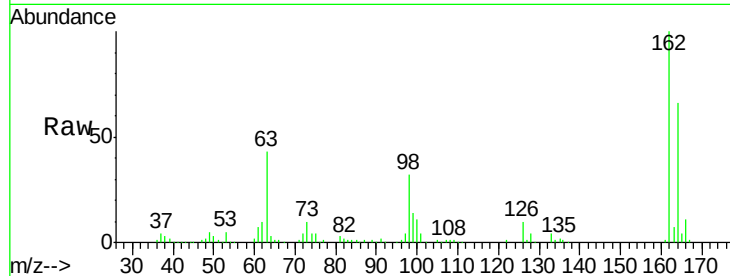




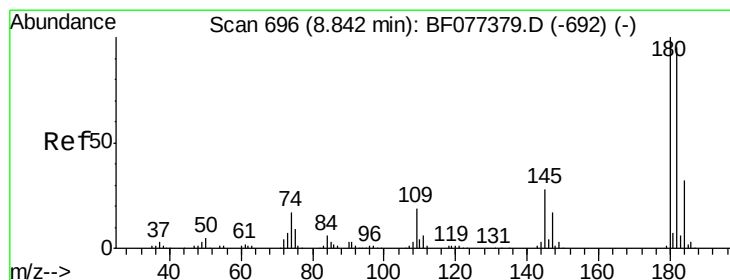
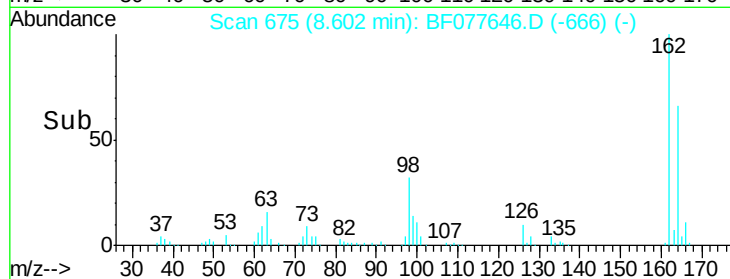
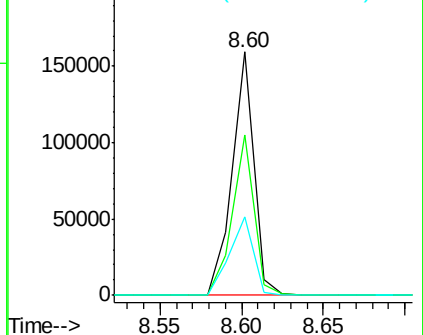
#29
 2,4-Dichlorophenol
 Concen: 39.72 ng
 RT: 8.60 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:162 Resp: 146556
 Ion Ratio Lower Upper
 162 100
 164 65.8 46.4 86.4
 98 32.1 6.9 46.9

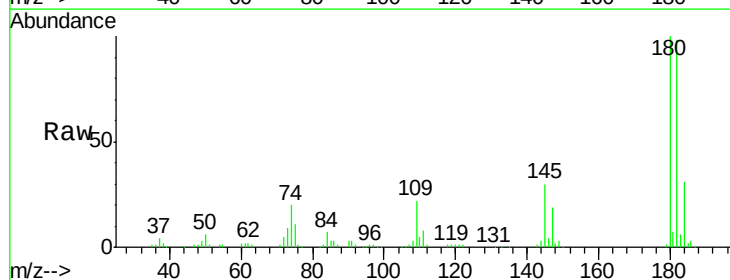


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

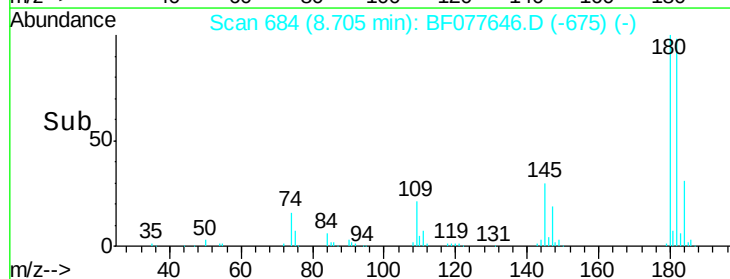
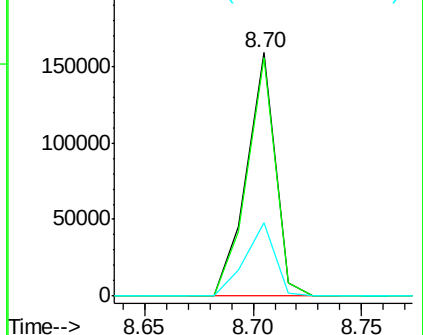


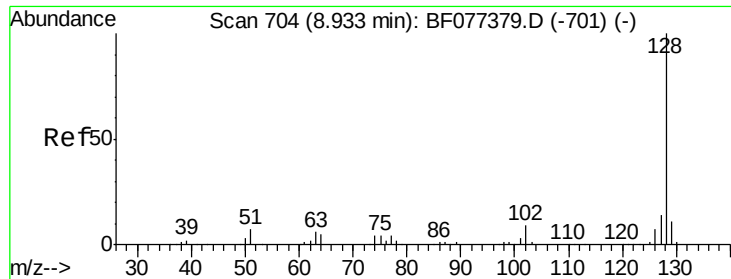
#30
 1,2,4-Trichlorobenzene
 Concen: 35.99 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:180 Resp: 146004
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.2 114.4
 145 30.1 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

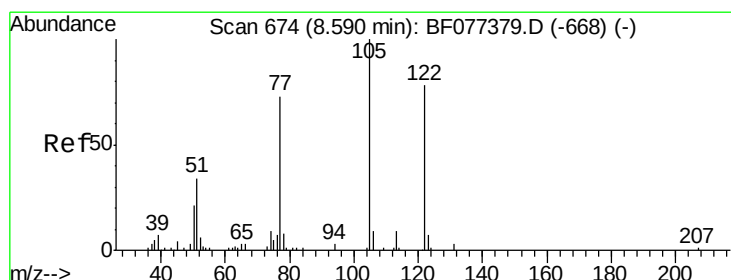
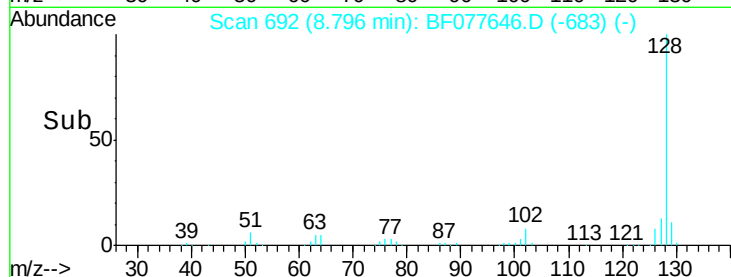
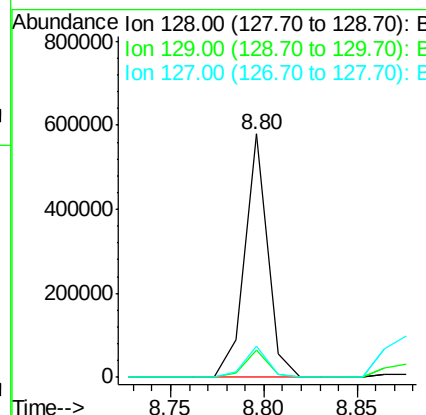
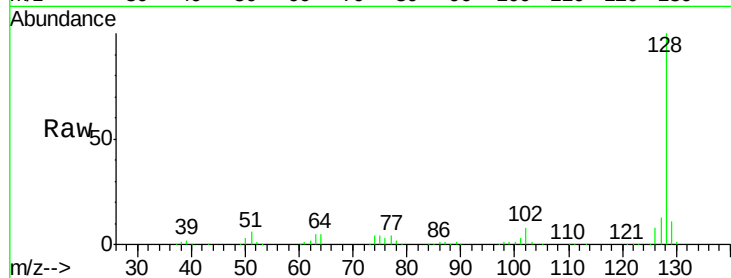




#31
Naphthalene
Concen: 39.28 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

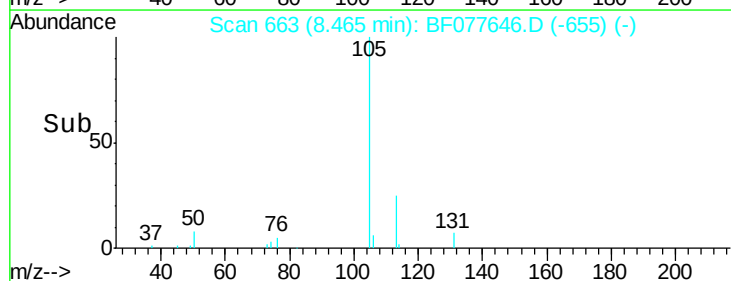
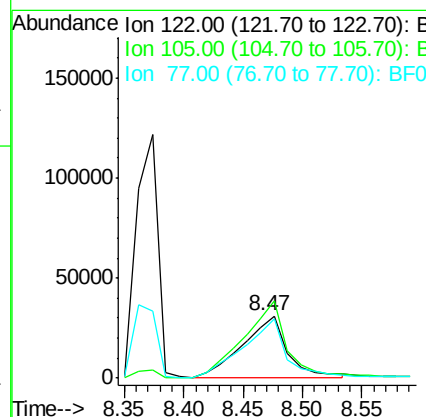
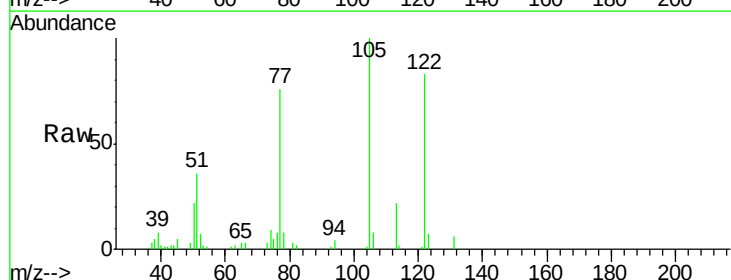
Instrument :
BNA_F
ClientSampleId :
PB81951BS

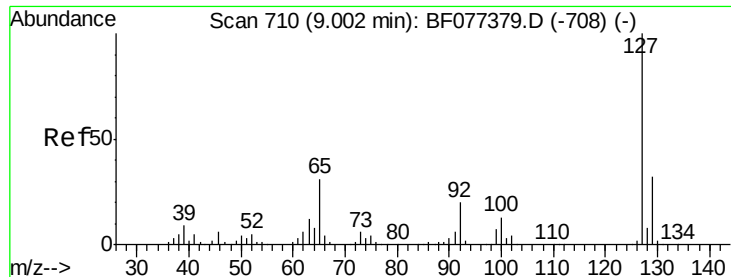
Tgt Ion:128 Resp: 497678
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 41.73 ng
RT: 8.47 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:122 Resp: 79714
Ion Ratio Lower Upper
122 100
105 120.0 100.3 140.3
77 90.6 68.7 108.7

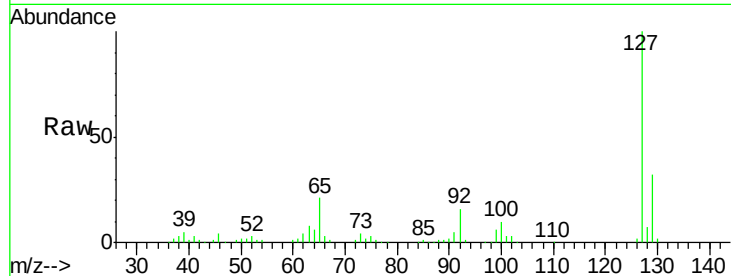




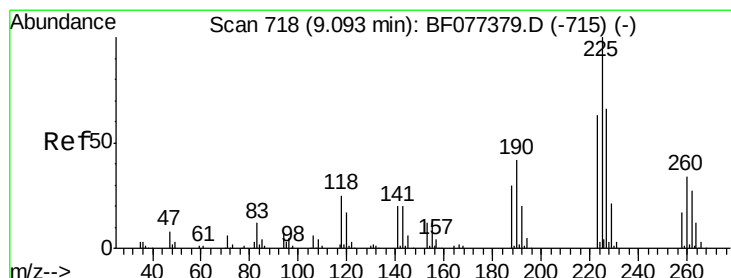
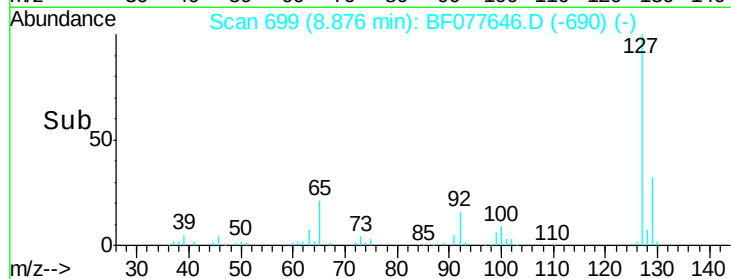
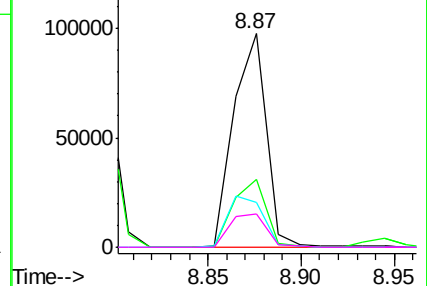
#33
4-Chloroaniline
Concen: 21.39 ng
RT: 8.87 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Instrument :
BNA_F
ClientSampleId :
PB81951BS

Tgt Ion:	127	Resp:	120530
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.9	40.3
65	21.1	16.7	25.1
92	15.7	12.5	18.7

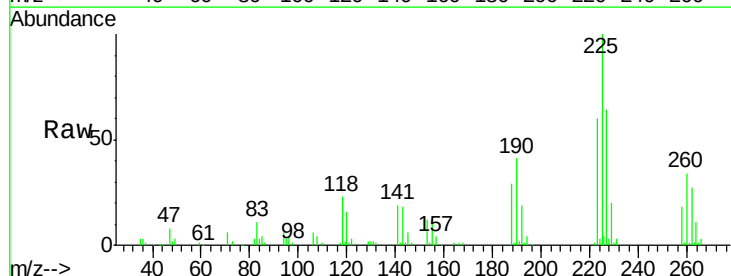


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

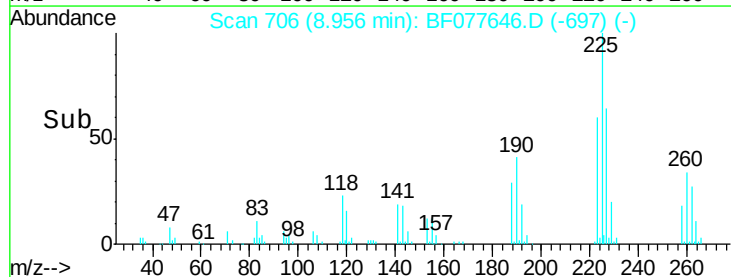
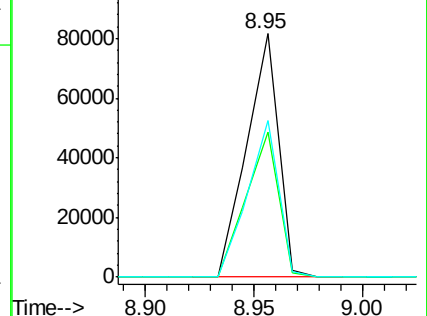


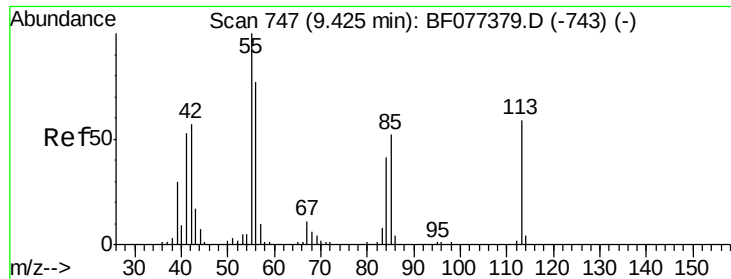
#34
Hexachlorobutadiene
Concen: 35.63 ng
RT: 8.95 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:	225	Resp:	82529
Ion	Ratio	Lower	Upper
225	100		
223	59.5	49.5	74.3
227	64.5	50.5	75.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

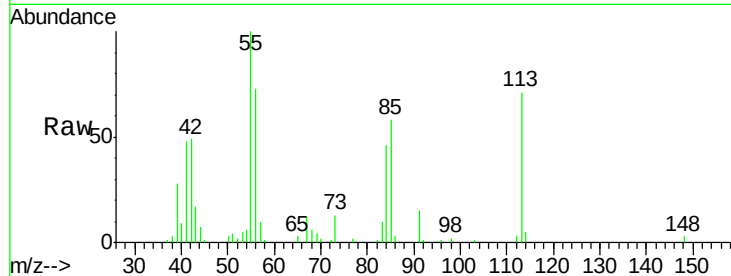




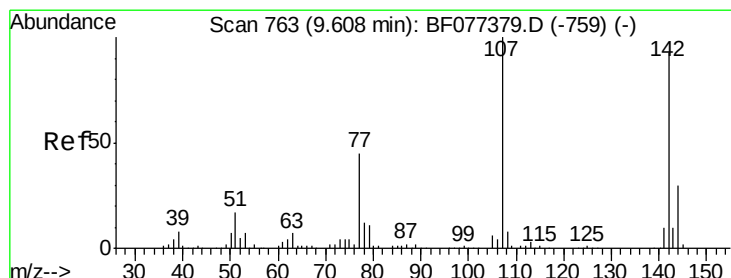
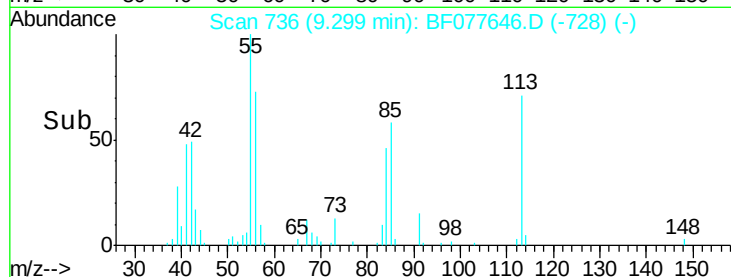
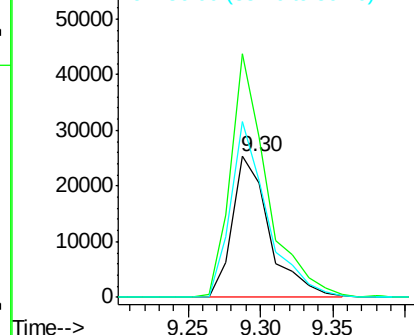
#35
 Caprolactam
 Concen: 40.24 ng
 RT: 9.30 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:113 Resp: 45326
 Ion Ratio Lower Upper
 113 100
 55 140.5 154.6 194.6#
 56 102.0 114.0 154.0#

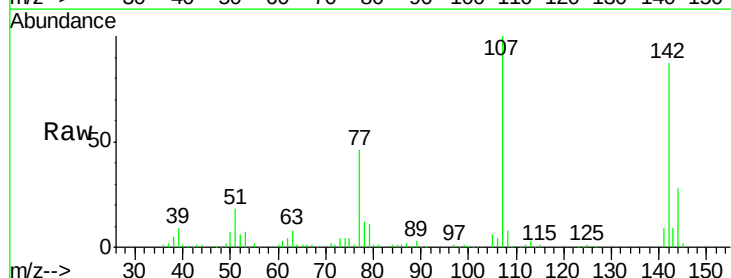


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

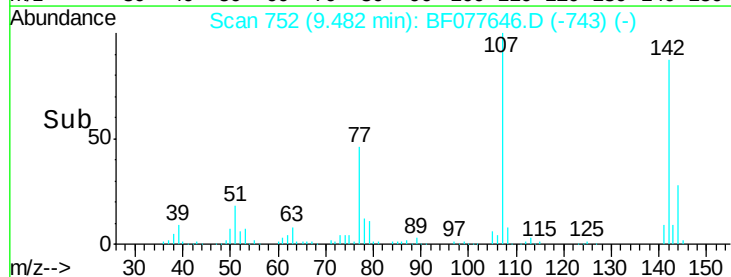
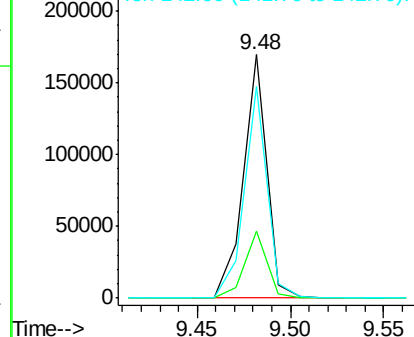


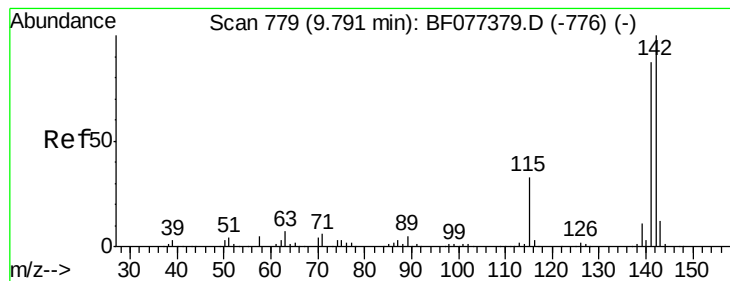
#36
 4-Chloro-3-methylphenol
 Concen: 40.47 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:107 Resp: 150141
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.1 31.7
 142 87.1 65.3 97.9



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





#37

2-Methylnaphthalene

Concen: 37.73 ng

RT: 9.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

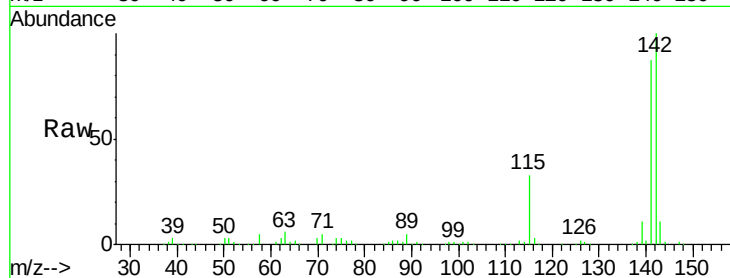
Tgt Ion:142 Resp: 339514

Ion Ratio Lower Upper

142 100

141 87.2 70.7 106.1

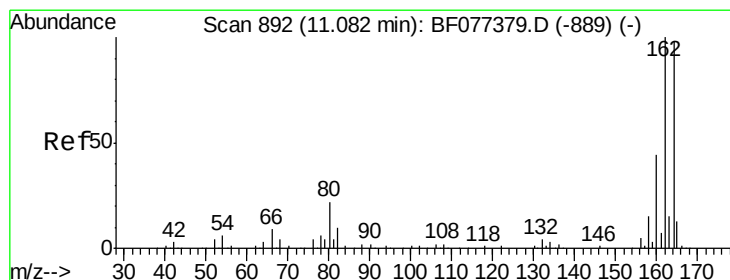
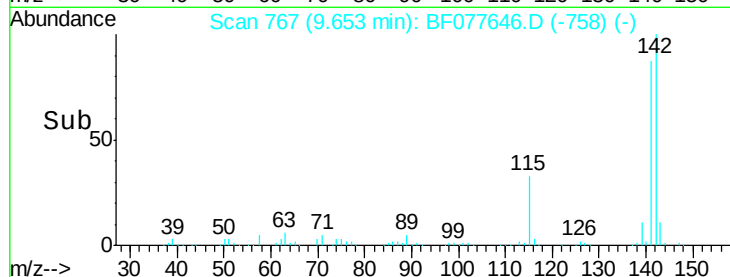
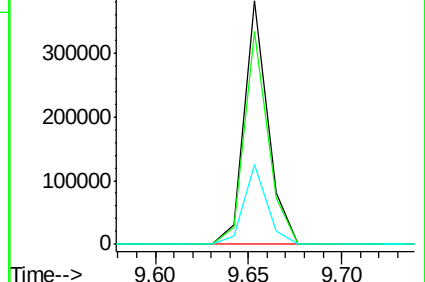
115 32.6 24.2 36.4



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: 10.94 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

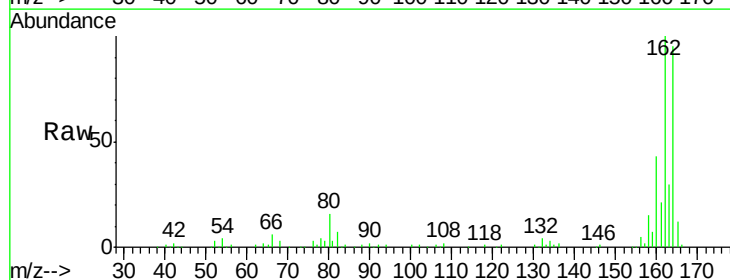
Tgt Ion:164 Resp: 127196

Ion Ratio Lower Upper

164 100

162 104.8 83.2 124.8

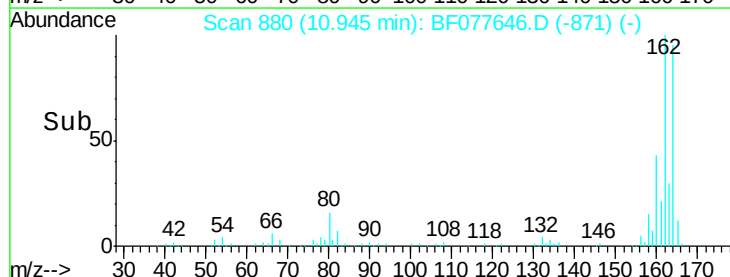
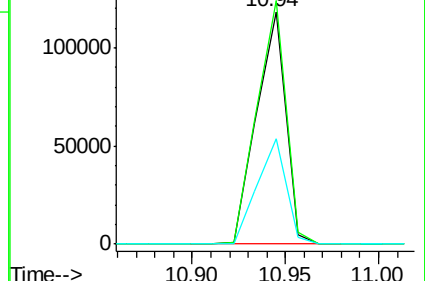
160 45.4 34.6 52.0

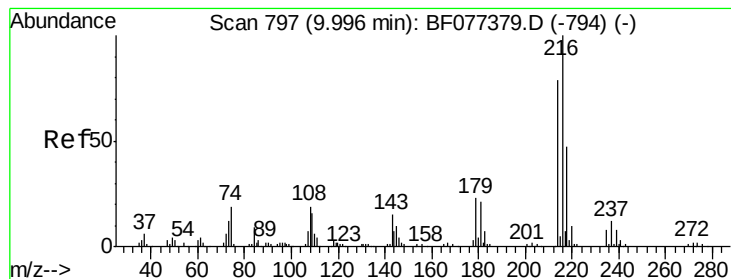


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.35 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

Tgt Ion:216 Resp: 143619

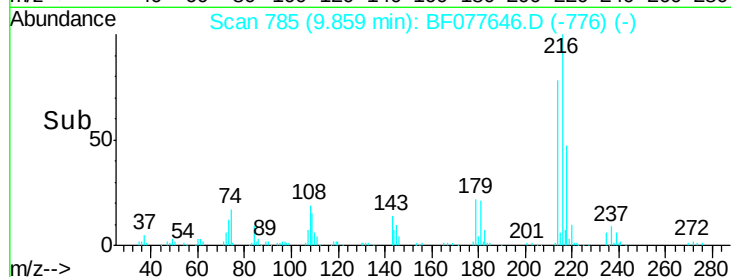
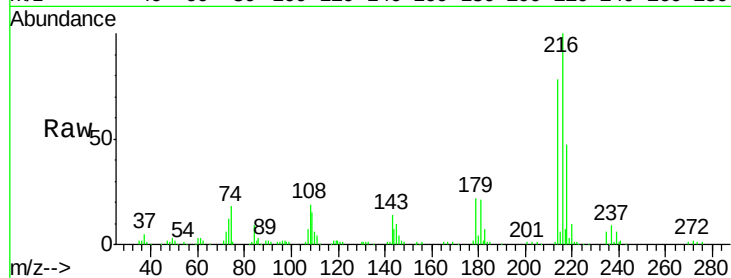
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 21.2 16.6 25.0

108 21.4 14.2 21.4#

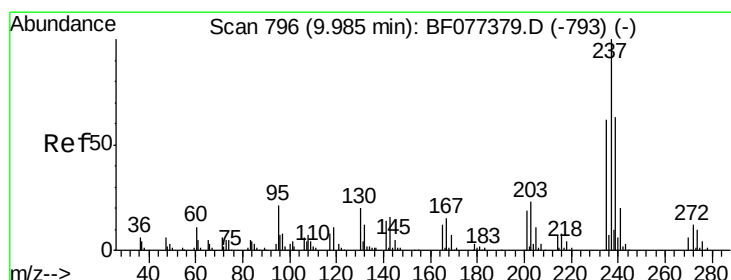
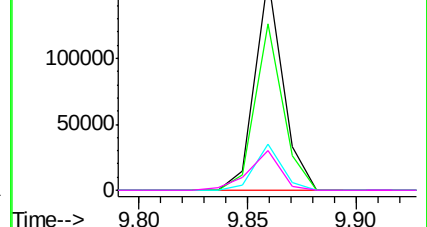


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.61 ng

RT: 9.85 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

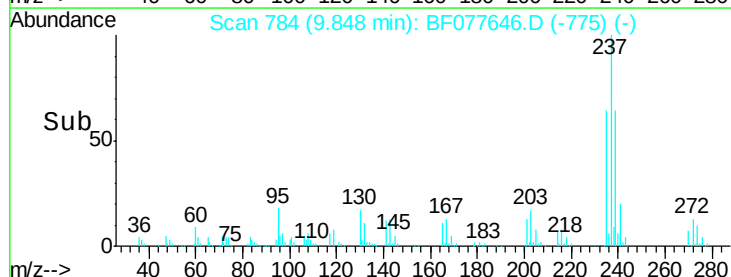
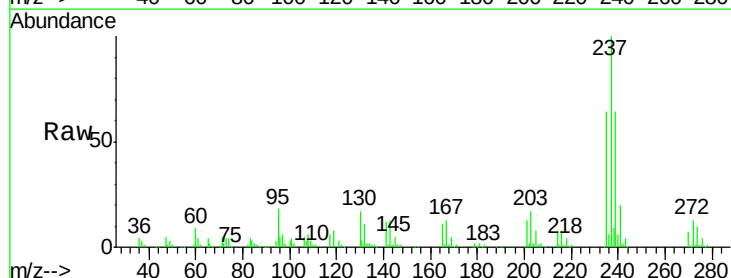
Tgt Ion:237 Resp: 142093

Ion Ratio Lower Upper

237 100

235 64.2 41.0 81.0

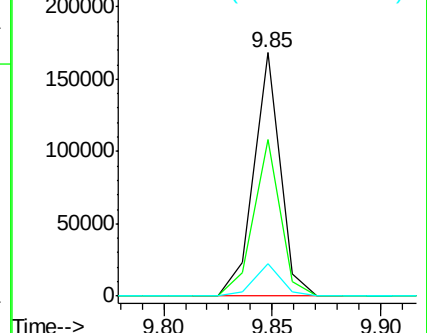
272 13.1 0.0 34.3

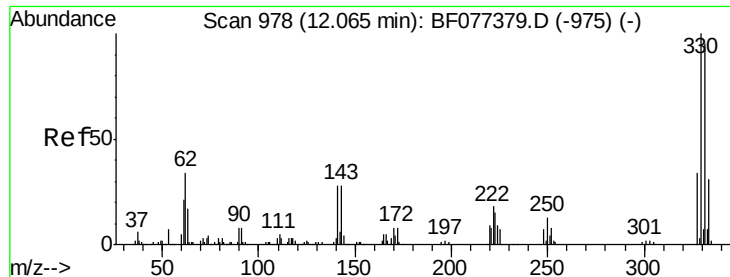


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

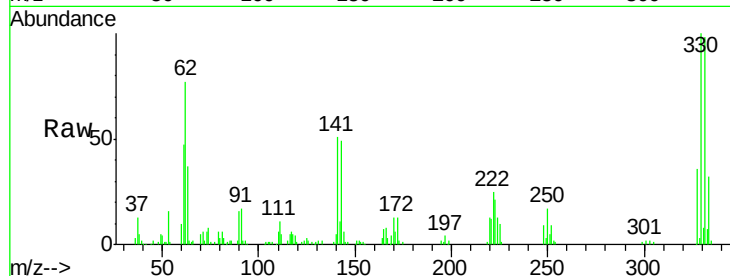




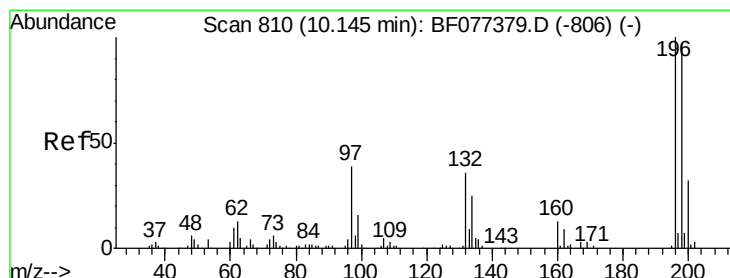
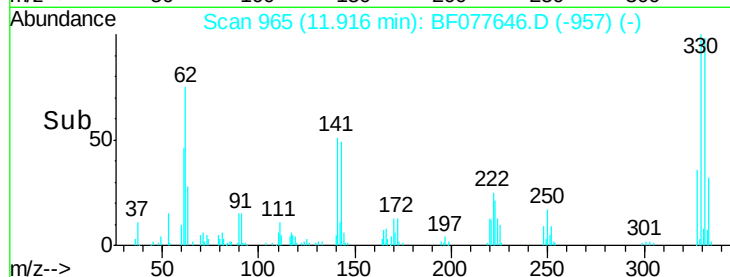
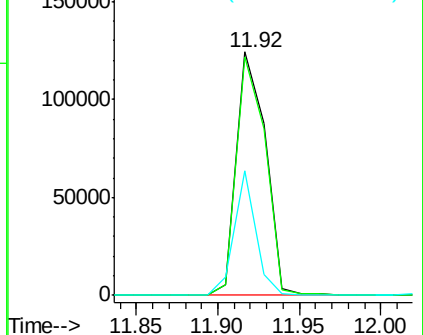
#41
 2,4,6-Tribromophenol
 Concen: 125.03 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:330 Resp: 153128
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 38.1 28.8 43.2

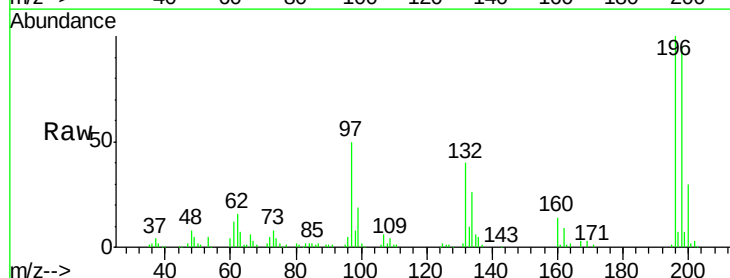


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

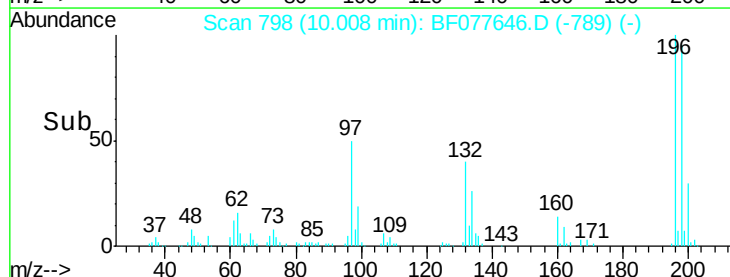
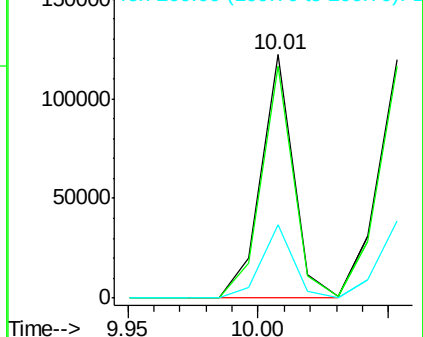


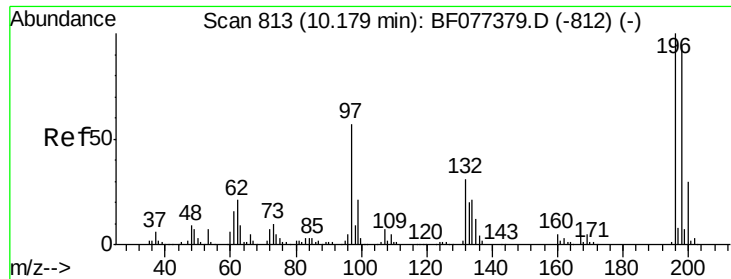
#42
 2,4,6-Trichlorophenol
 Concen: 43.98 ng
 RT: 10.01 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:196 Resp: 106287
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.8 113.8
 200 30.1 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

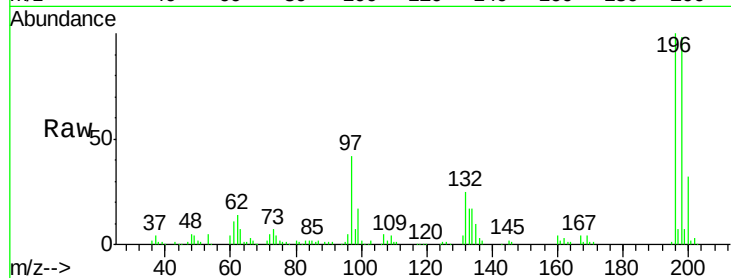




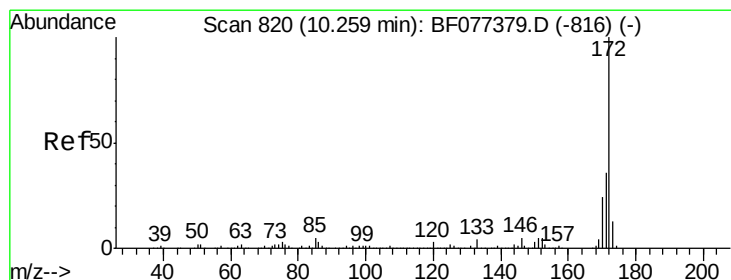
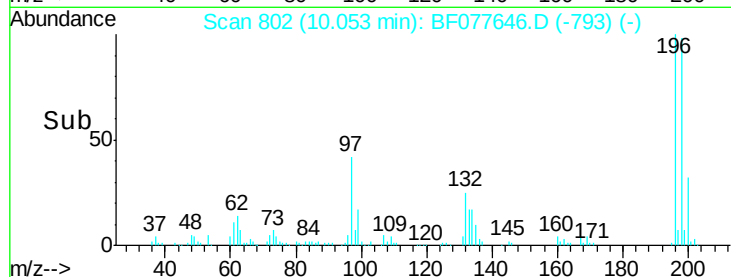
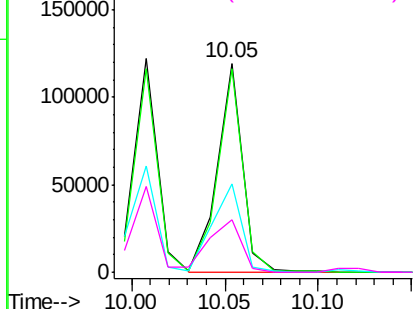
#43
 2,4,5-Trichlorophenol
 Concen: 43.21 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:196 Resp: 111675
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.2 115.8
 97 42.4 27.7 41.5#
 132 25.4 18.0 27.0

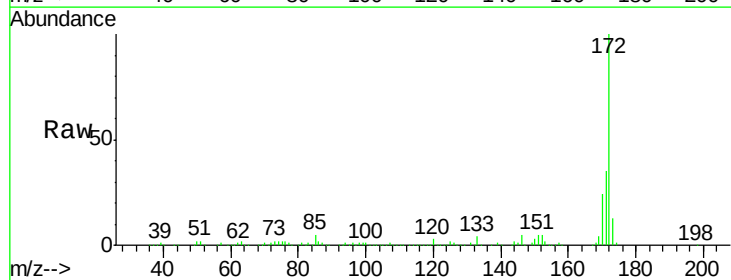


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

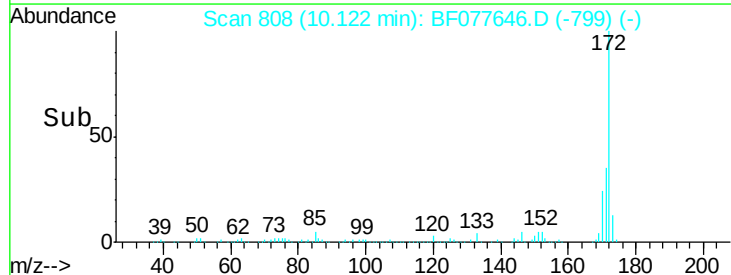
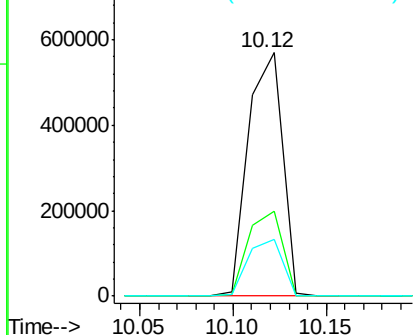


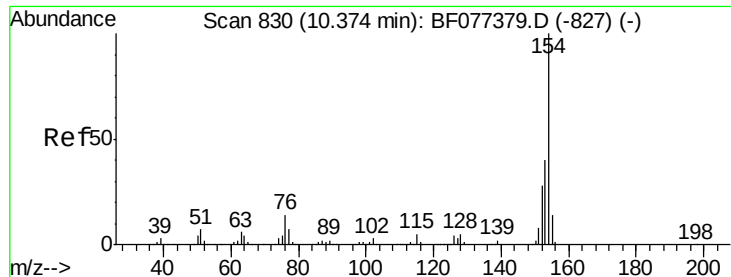
#44
 2-Fluorobiphenyl
 Concen: 89.12 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:172 Resp: 726969
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.5 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

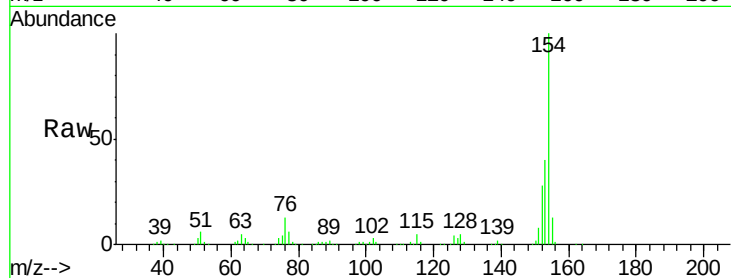




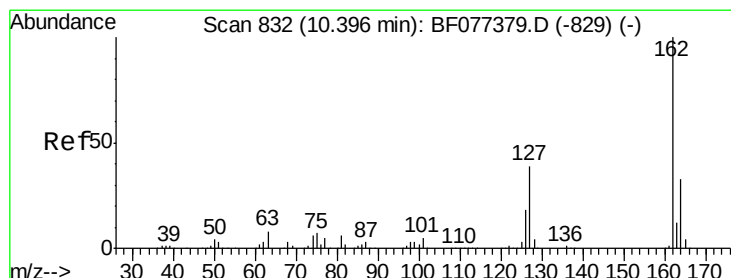
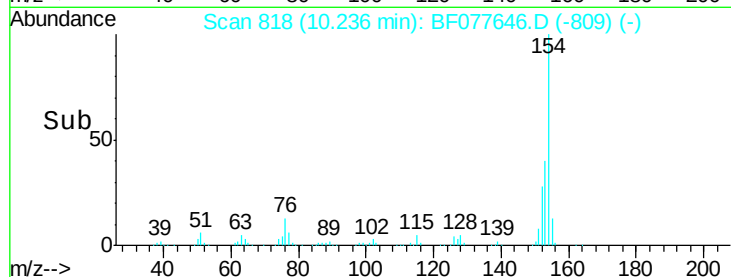
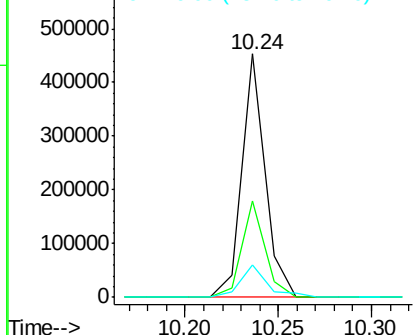
#45
 1,1'-Biphenyl
 Concen: 40.71 ng
 RT: 10.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:154 Resp: 392270
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.2 60.2
 76 13.1 0.0 29.4

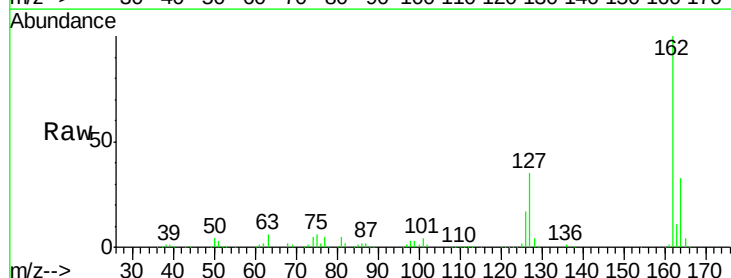


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

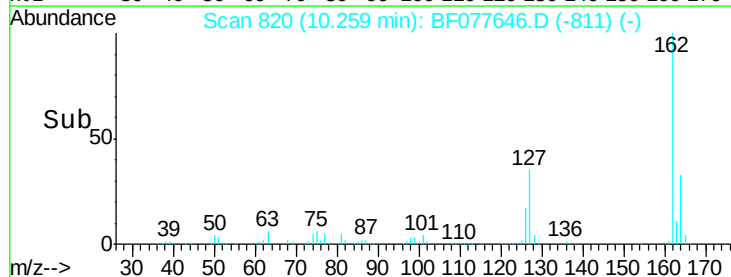
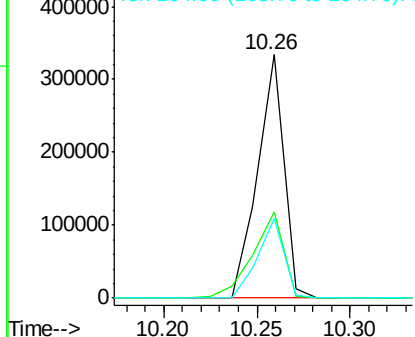


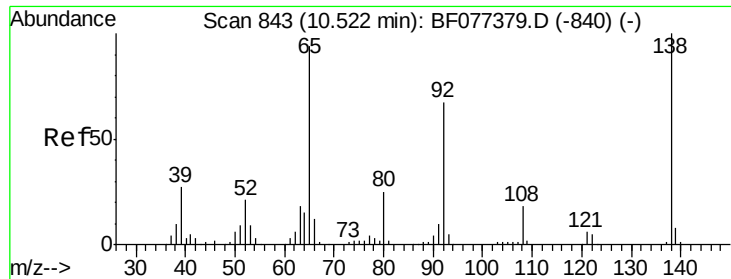
#46
 2-Chloronaphthalene
 Concen: 42.84 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:162 Resp: 323784
 Ion Ratio Lower Upper
 162 100
 127 35.3 33.3 49.9
 164 32.7 26.2 39.4



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

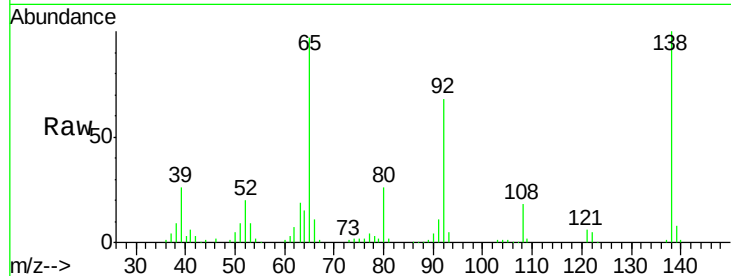




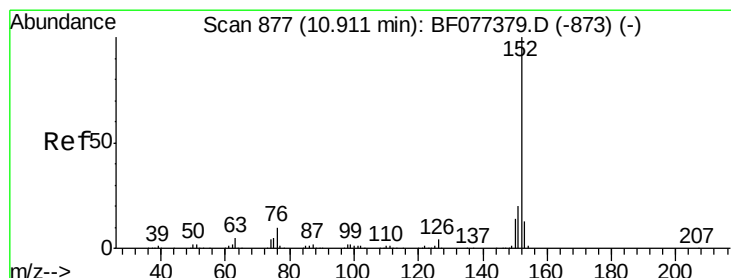
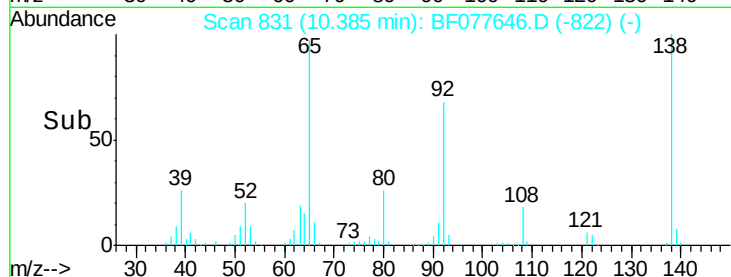
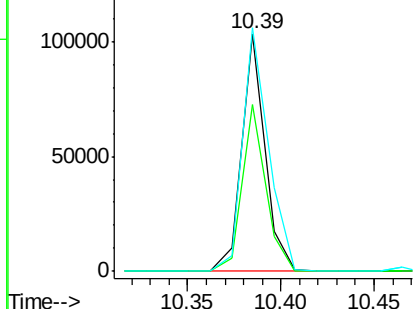
#47
2-Nitroaniline
Concen: 48.46 ng
RT: 10.39 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Instrument :
BNA_F
ClientSampleId :
PB81951BS

Tgt Ion: 65 Resp: 90150
Ion Ratio Lower Upper
65 100
92 70.3 52.4 78.6
138 102.6 73.4 110.0

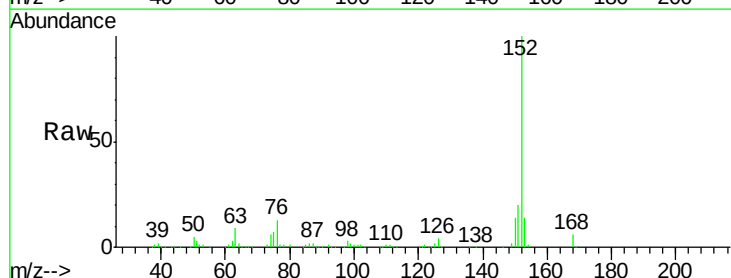


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

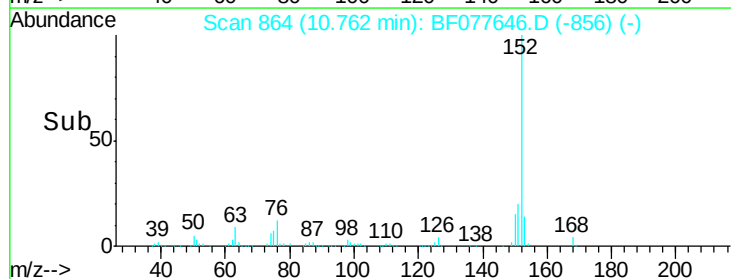
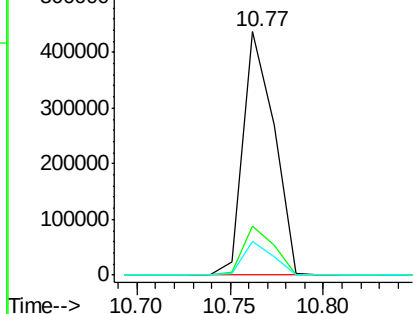


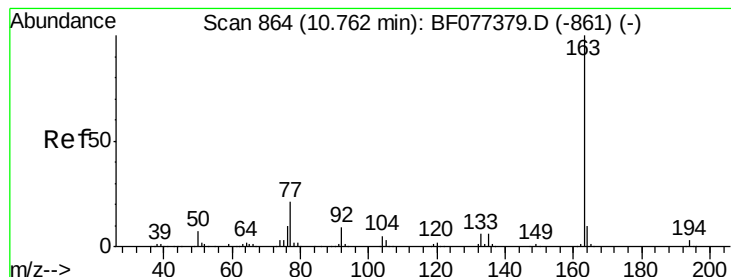
#48
Acenaphthylene
Concen: 42.05 ng
RT: 10.77 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion: 152 Resp: 503042
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.7 10.9 16.3



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





#49

Dimethylphthalate

Concen: 40.89 ng

RT: 10.63 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

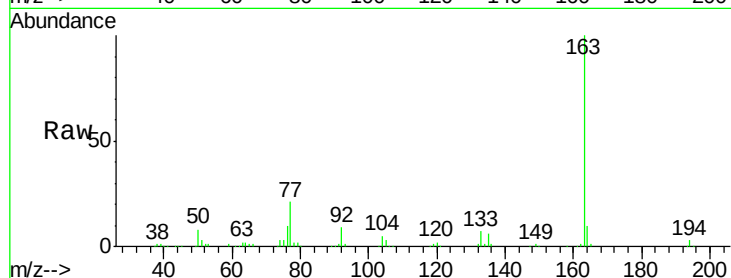
Tgt Ion:163 Resp: 365568

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

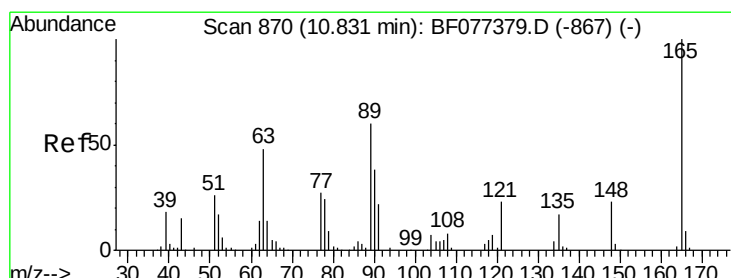
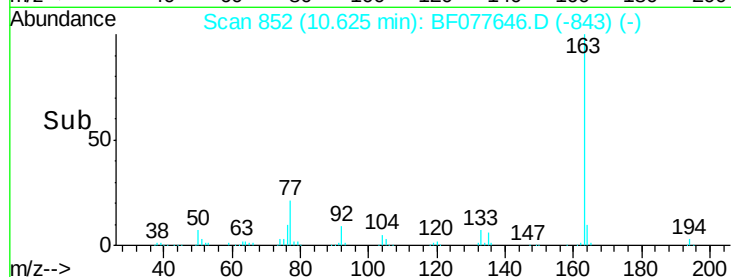
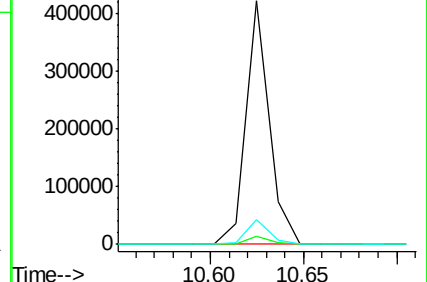
164 10.0 8.6 13.0



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: 45.16 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

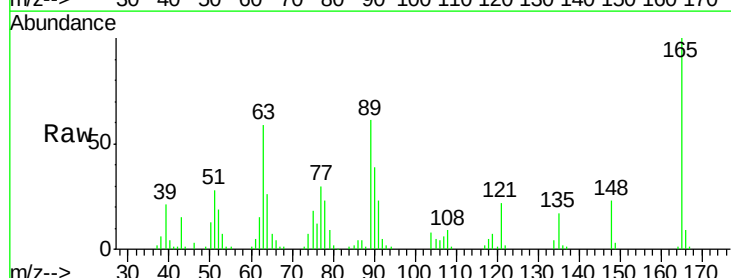
Tgt Ion:165 Resp: 80972

Ion Ratio Lower Upper

165 100

63 59.0 25.2 37.8#

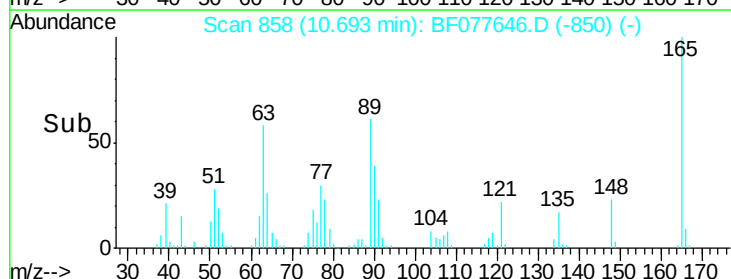
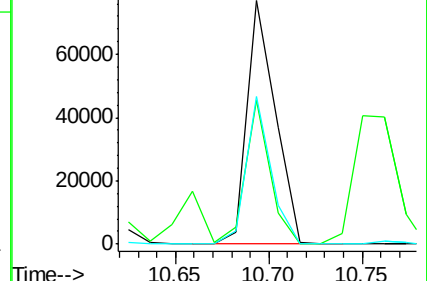
89 60.7 30.5 45.7#

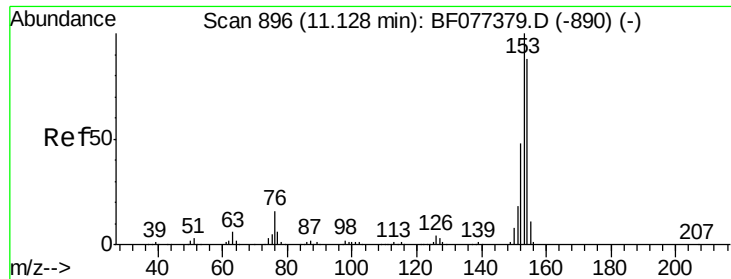


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.69 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

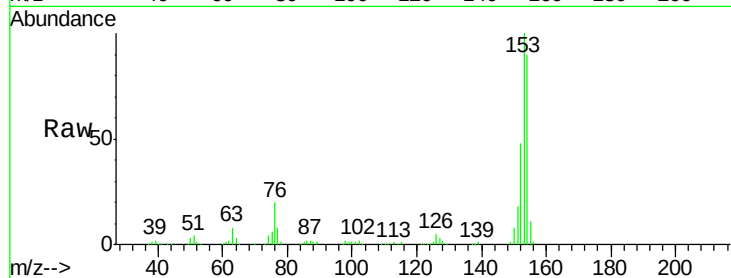
Tgt Ion:154 Resp: 290500

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

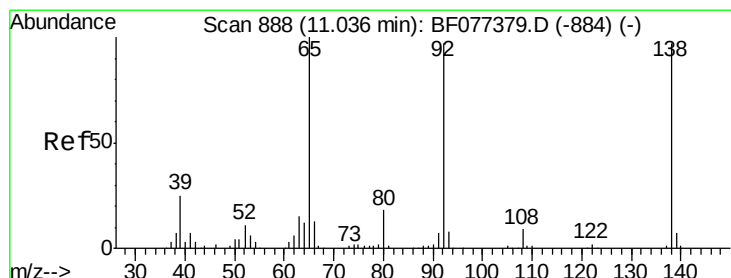
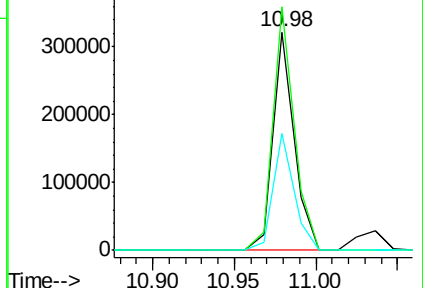
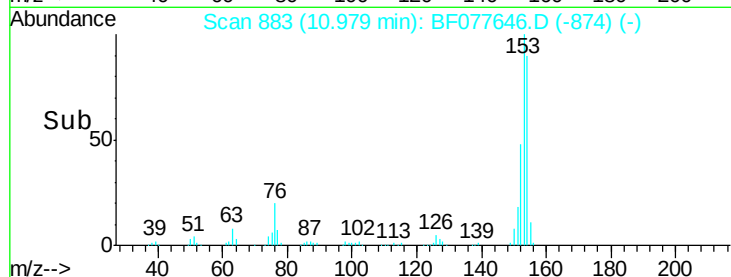
152 53.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.83 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

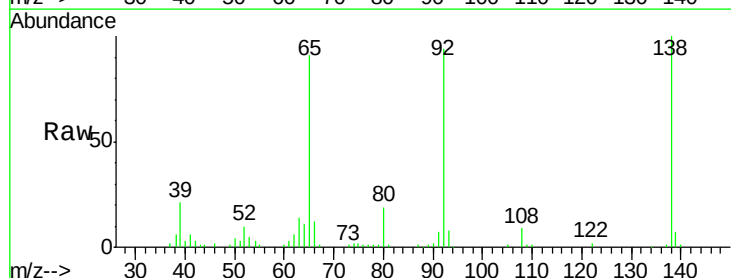
Tgt Ion:138 Resp: 69938

Ion Ratio Lower Upper

138 100

108 8.6 7.8 11.8

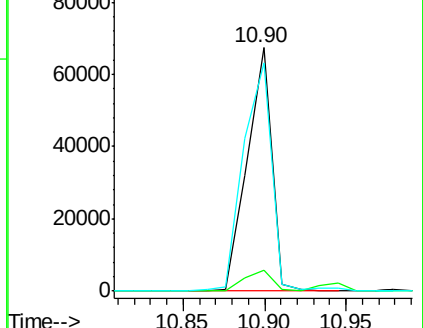
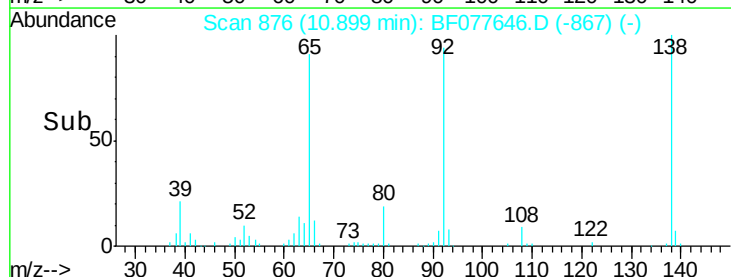
92 93.6 90.6 135.8

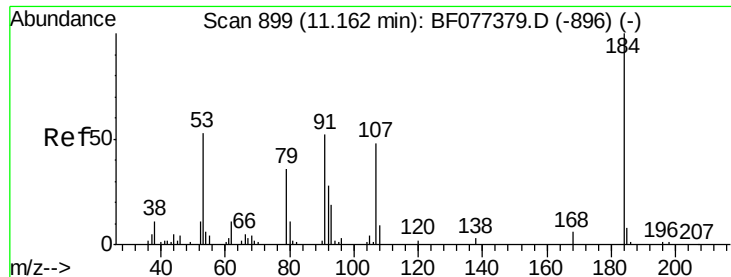


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

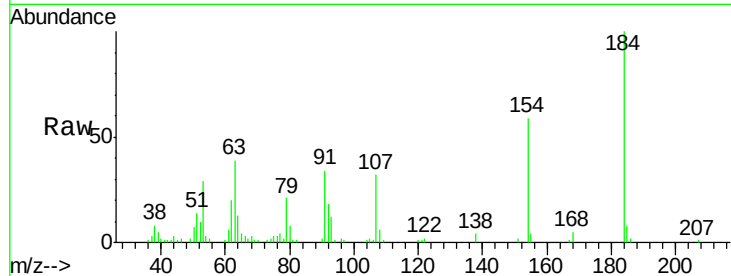




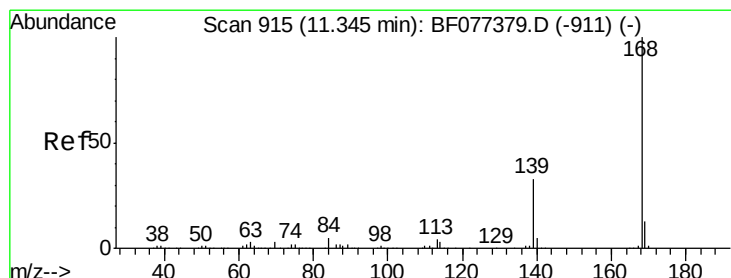
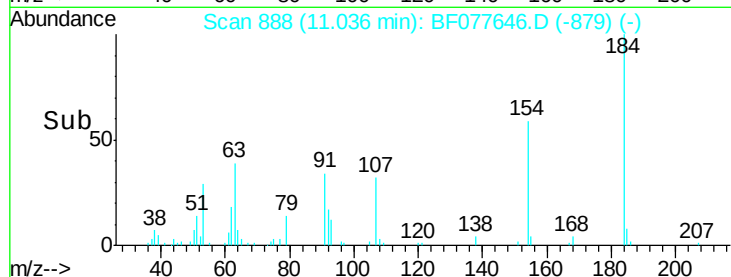
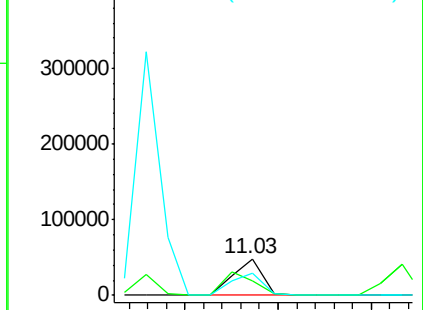
#53
 2,4-Dinitrophenol
 Concen: 100.60 ng
 RT: 11.03 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleID :
 PB81951BS

Tgt Ion:184 Resp: 54886
 Ion Ratio Lower Upper
 184 100
 63 38.9 29.5 44.3
 154 59.2 43.2 64.8

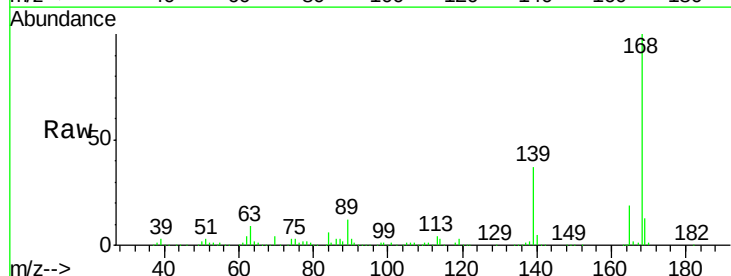


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

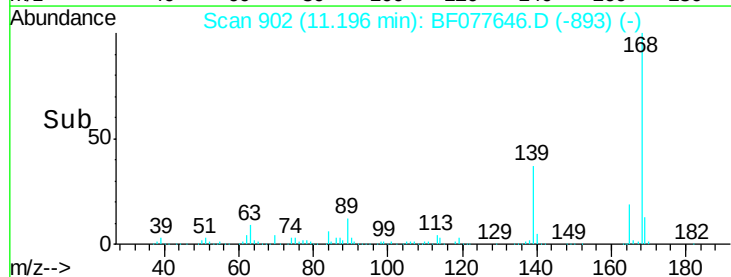
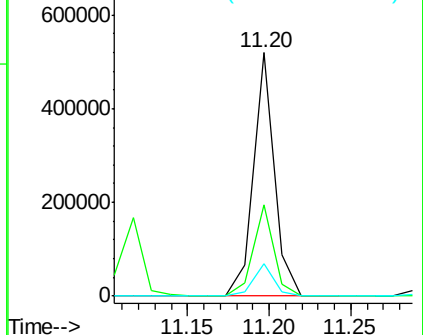


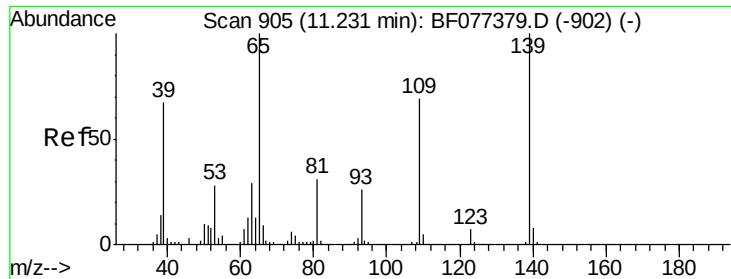
#54
 Dibenzofuran
 Concen: 41.89 ng
 RT: 11.20 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:168 Resp: 461741
 Ion Ratio Lower Upper
 168 100
 139 37.4 29.3 43.9
 169 13.5 10.9 16.3



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

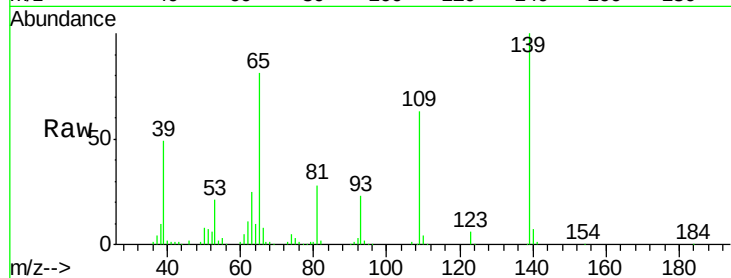




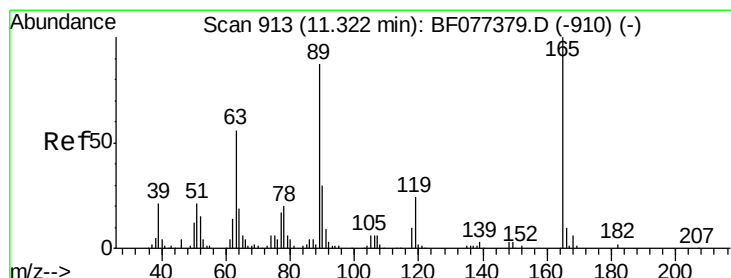
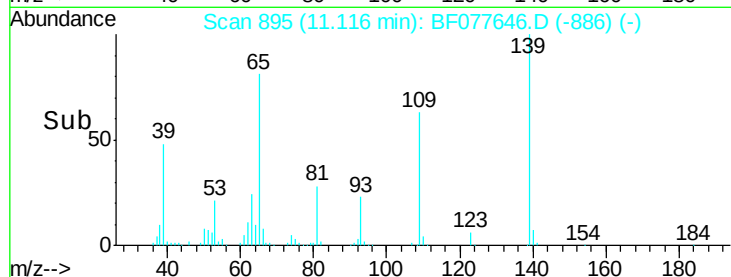
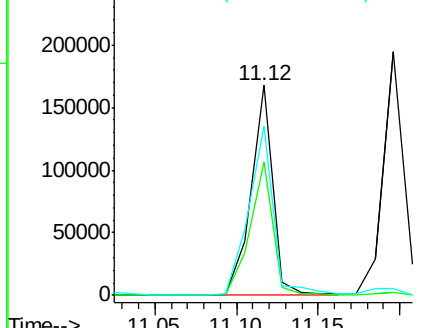
#55
4-Nitrophenol
Concen: 94.05 ng
RT: 11.12 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Instrument :
BNA_F
ClientSampleId :
PB81951BS

Tgt Ion:139 Resp: 156384
Ion Ratio Lower Upper
139 100
109 63.4 36.2 76.2
65 80.6 40.3 80.3#

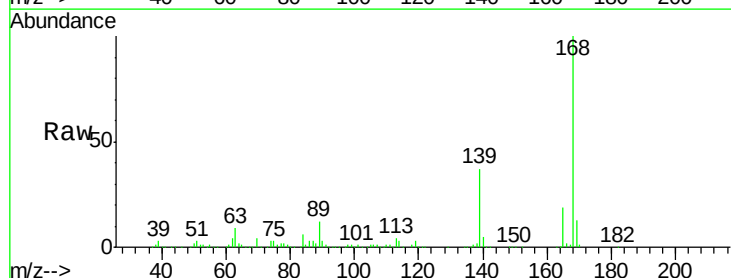


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

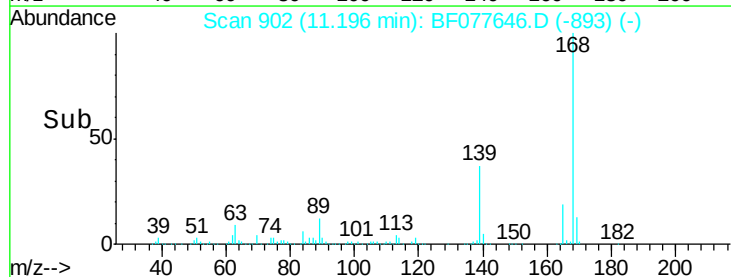
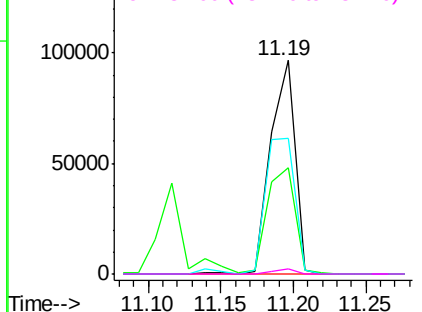


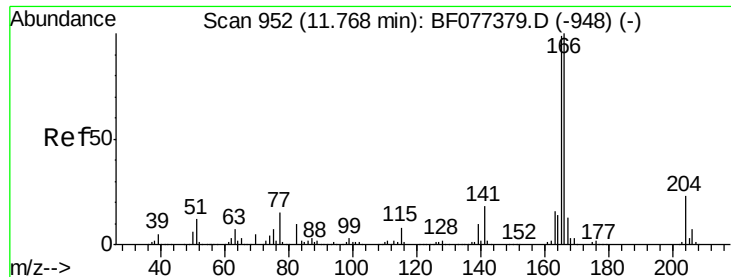
#56
2,4-Dinitrotoluene
Concen: 46.59 ng
RT: 11.19 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:165 Resp: 112870
Ion Ratio Lower Upper
165 100
63 49.5 29.8 44.8#
89 63.3 48.5 72.7
182 2.2 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

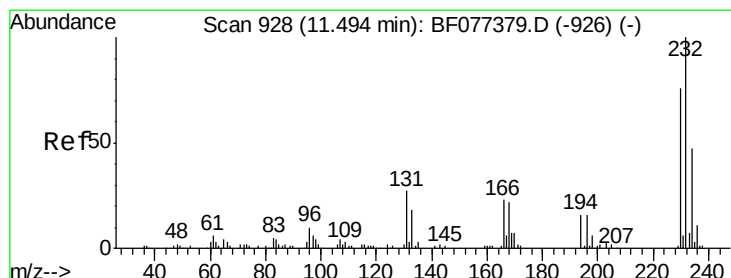
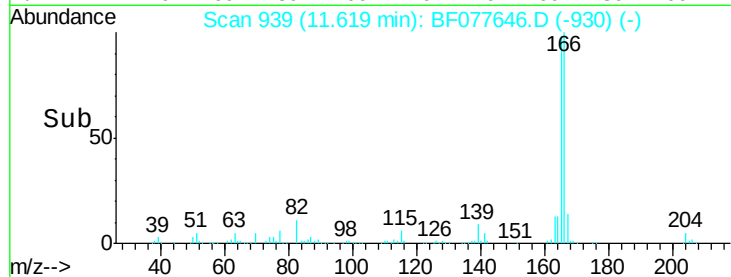
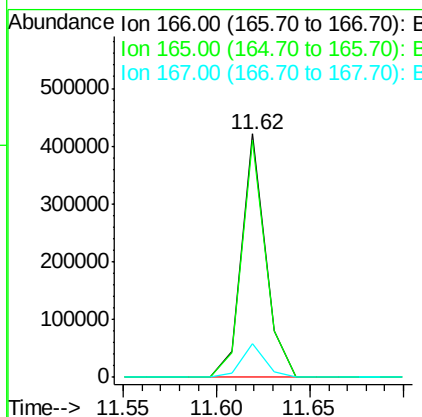
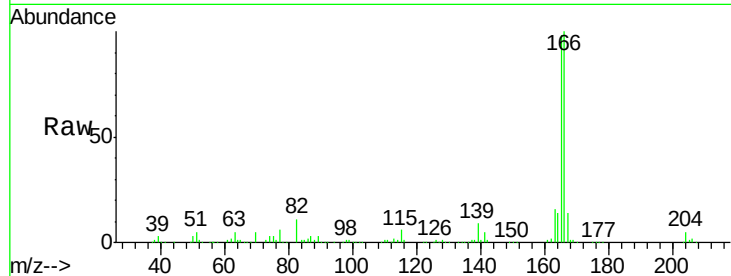




#57
 Fluorene
 Concen: 42.63 ng
 RT: 11.62 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

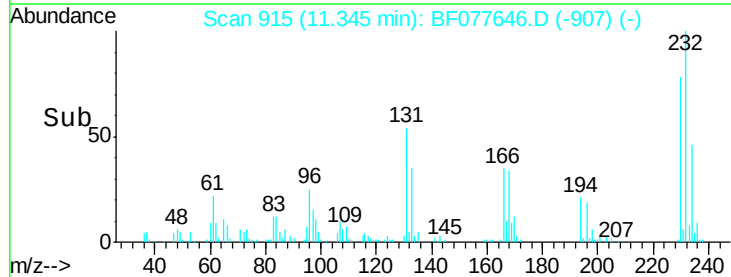
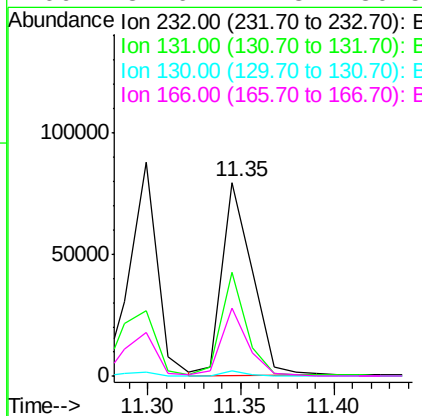
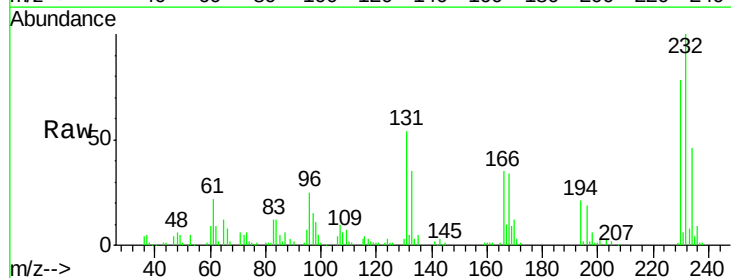
Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

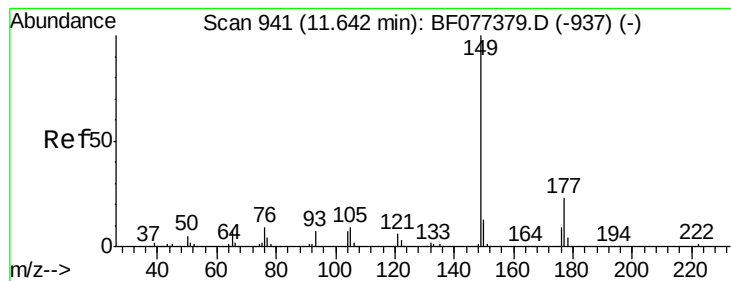
Tgt Ion:166 Resp: 375692
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.6 116.4
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.89 ng
 RT: 11.35 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:232 Resp: 89107
 Ion Ratio Lower Upper
 232 100
 131 45.0 34.2 51.2
 130 2.2 1.8 2.6
 166 31.6 24.3 36.5





#59

Diethylphthalate

Concen: 40.87 ng

RT: 11.50 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

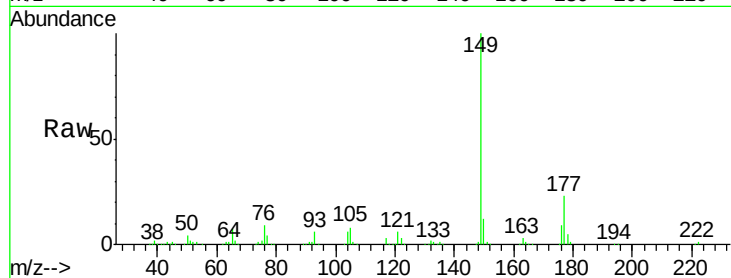
Tgt Ion:149 Resp: 360226

Ion Ratio Lower Upper

149 100

177 23.0 17.2 25.8

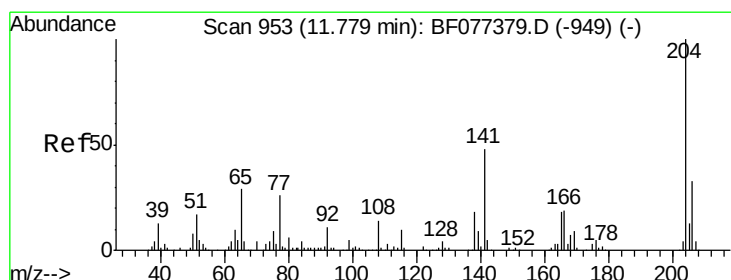
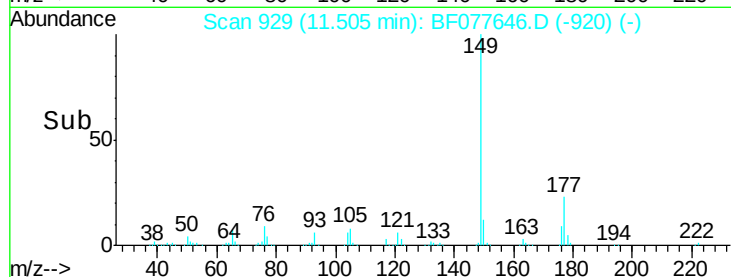
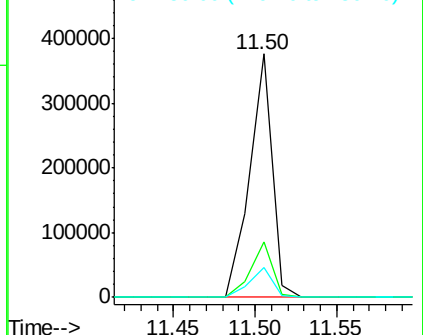
150 12.0 10.5 15.7



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: 39.53 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

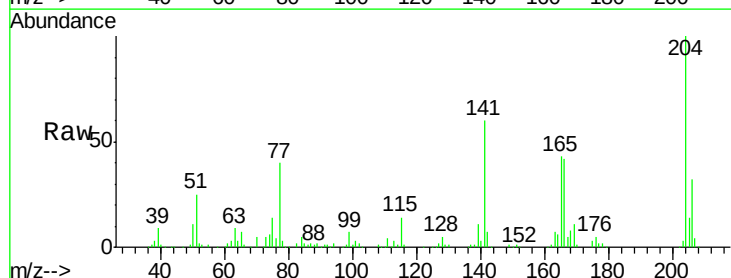
Tgt Ion:204 Resp: 167873

Ion Ratio Lower Upper

204 100

206 32.3 25.9 38.9

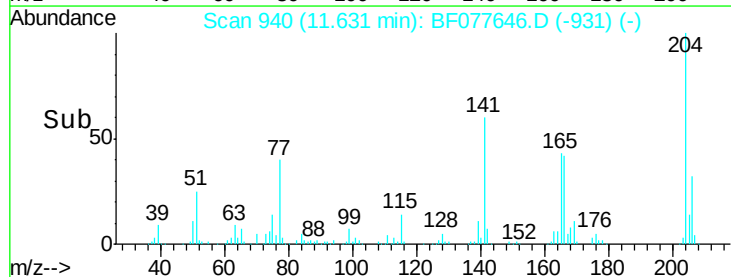
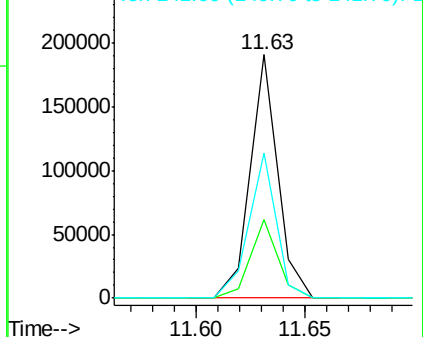
141 59.8 43.6 65.4

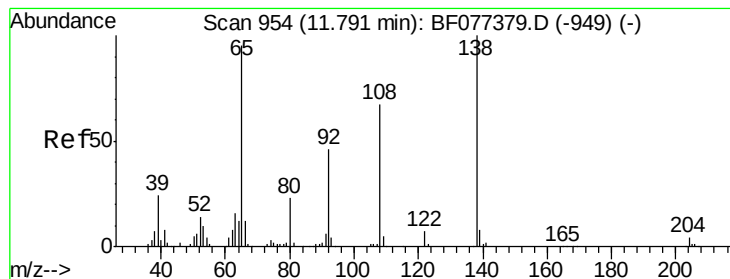


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.47 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

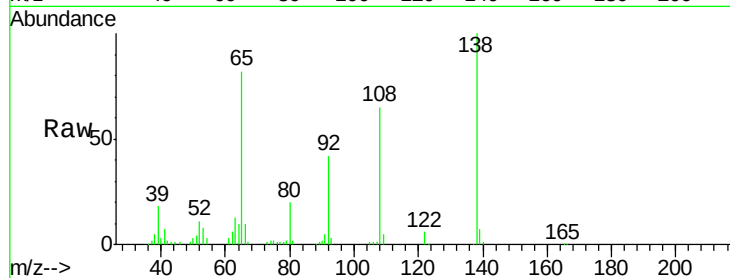
Tgt Ion:138 Resp: 92080

Ion Ratio Lower Upper

138 100

92 42.1 32.8 72.8

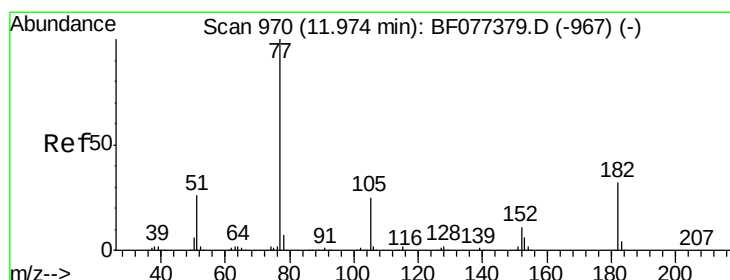
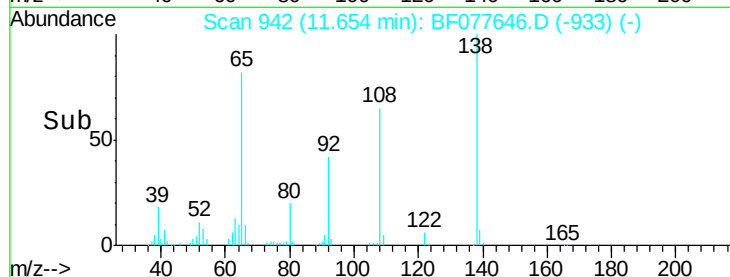
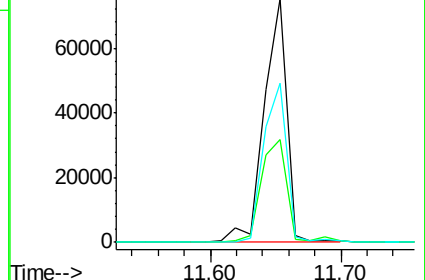
108 65.1 52.1 92.1



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: 42.63 ng

RT: 11.82 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Tgt Ion: 77 Resp: 356550

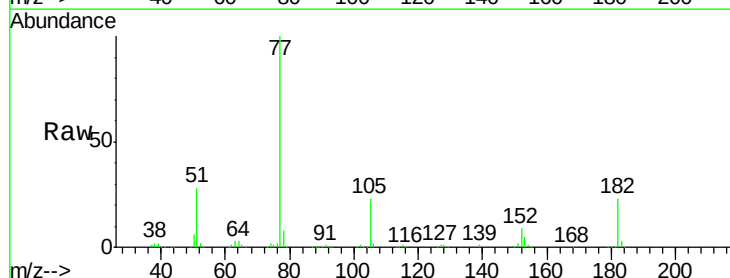
Ion Ratio Lower Upper

77 100

182 22.9 4.9 44.9

105 23.1 3.3 43.3

51 28.4 8.9 48.9

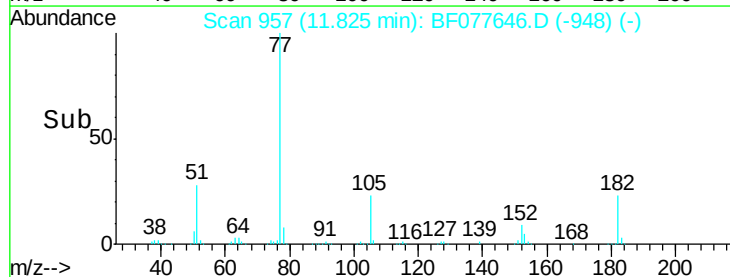
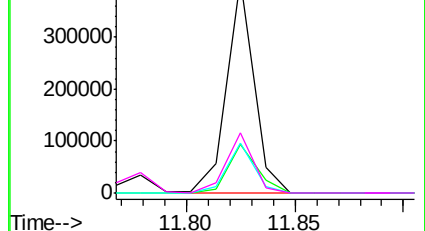


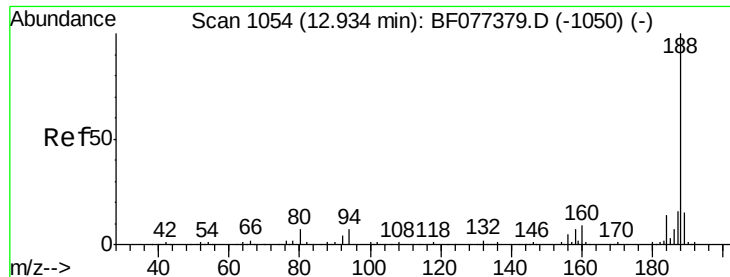
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

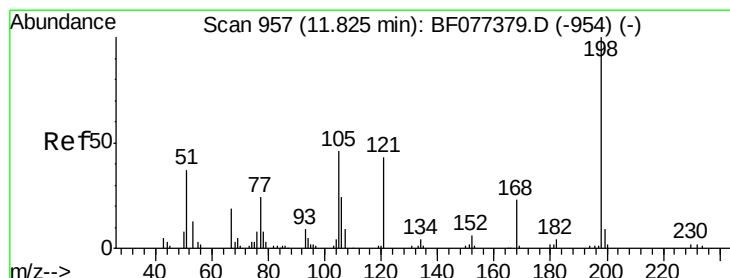
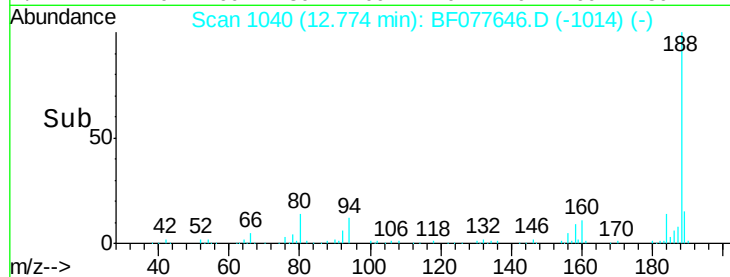
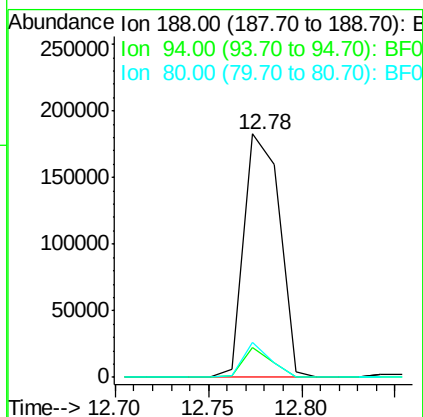
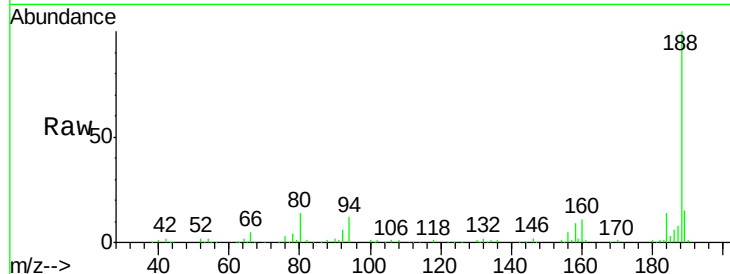




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.78 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

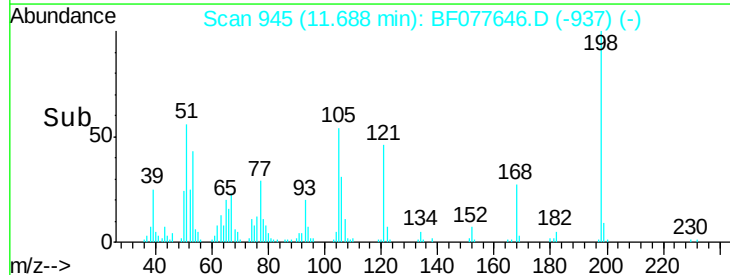
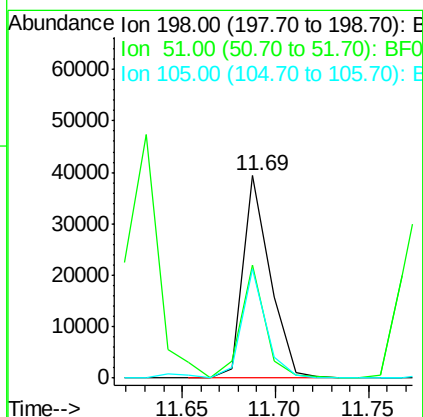
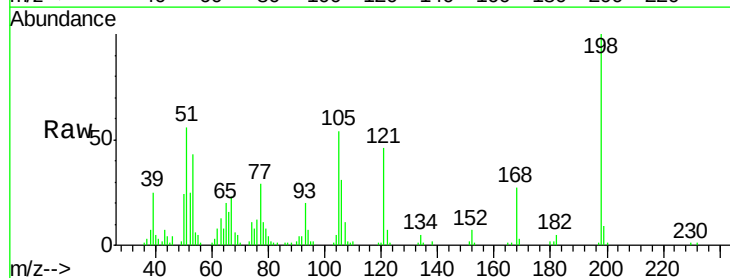
Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

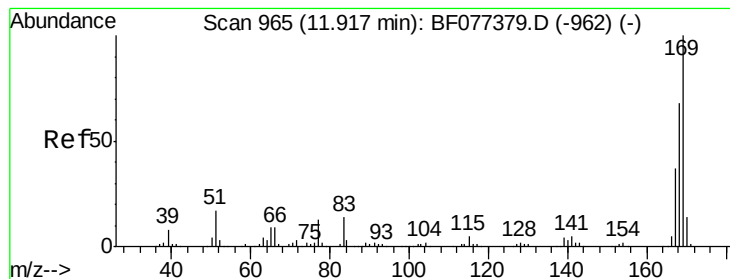
Tgt Ion:188 Resp: 242851
 Ion Ratio Lower Upper
 188 100
 94 12.2 7.4 11.2#
 80 14.2 8.0 12.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.78 ng
 RT: 11.69 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:198 Resp: 39979
 Ion Ratio Lower Upper
 198 100
 51 55.6 2.7 42.7#
 105 53.8 10.0 50.0#

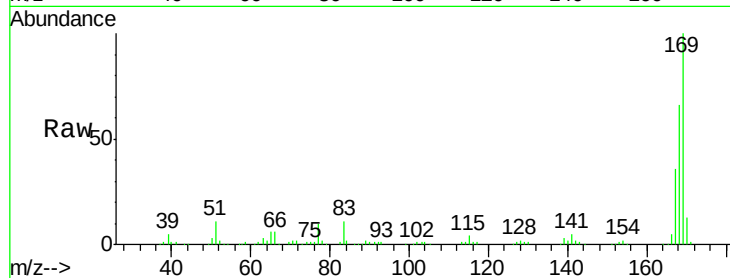




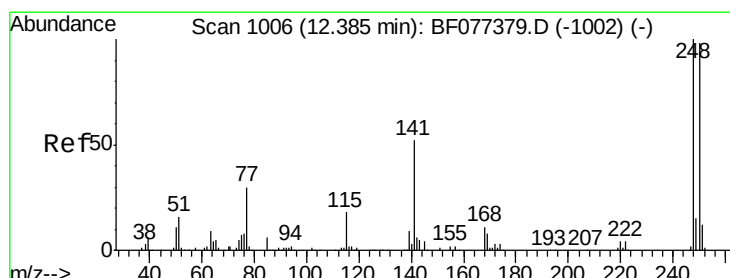
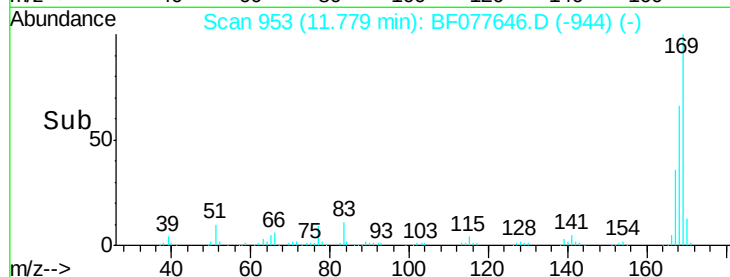
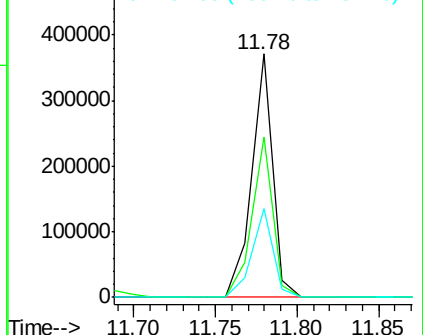
#65
 n-Nitrosodiphenylamine
 Concen: 40.88 ng
 RT: 11.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:169 Resp: 329362
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.0 79.6
 167 36.4 29.5 44.3

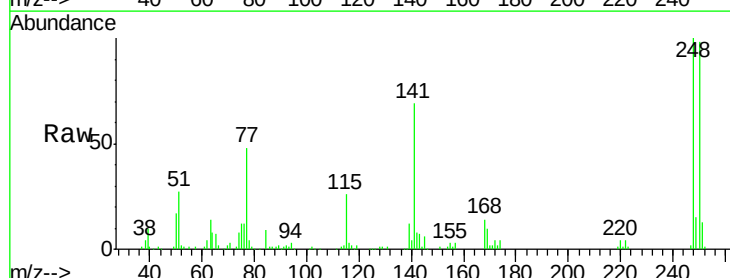


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

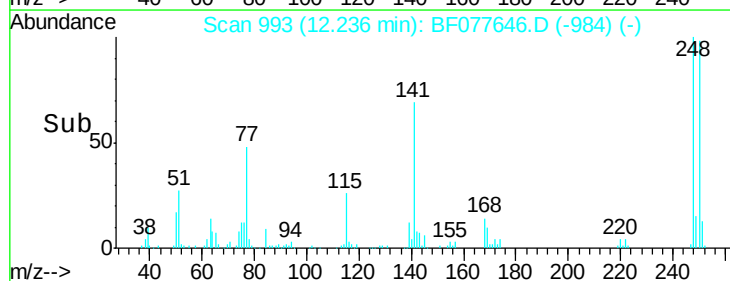
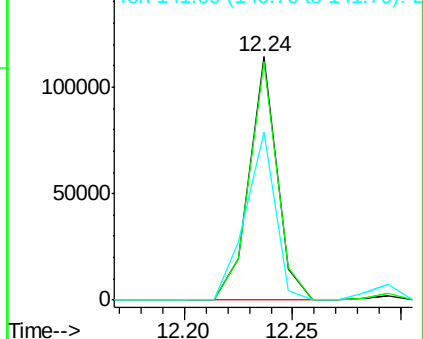


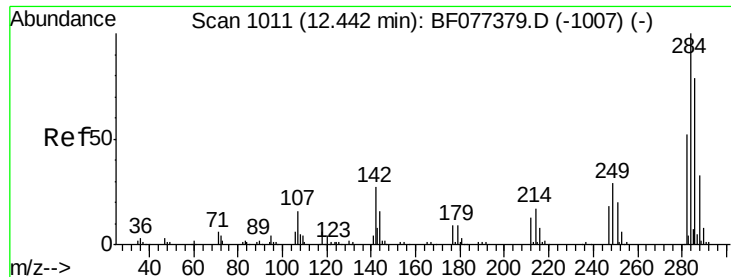
#66
 4-Bromophenyl-phenylether
 Concen: 35.86 ng
 RT: 12.24 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:248 Resp: 101973
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.0 117.0
 141 68.9 54.1 81.1



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

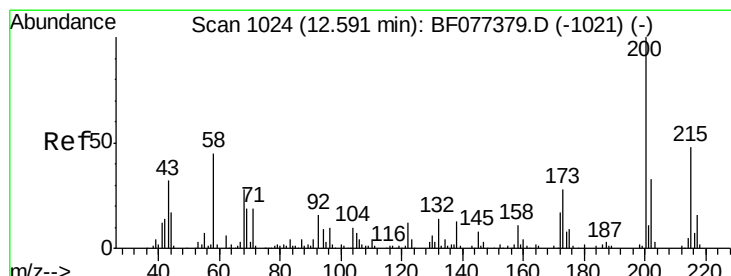
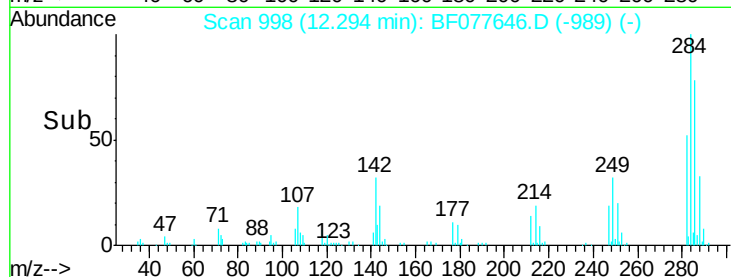
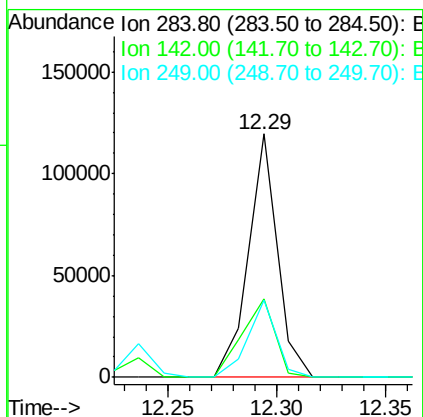
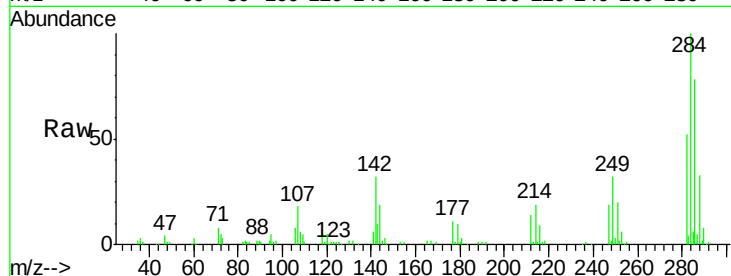




#67
Hexachlorobenzene
Concen: 36.28 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

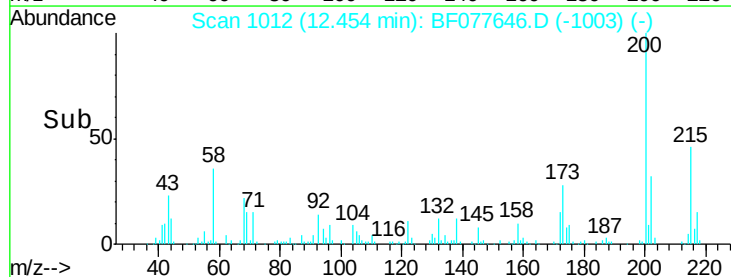
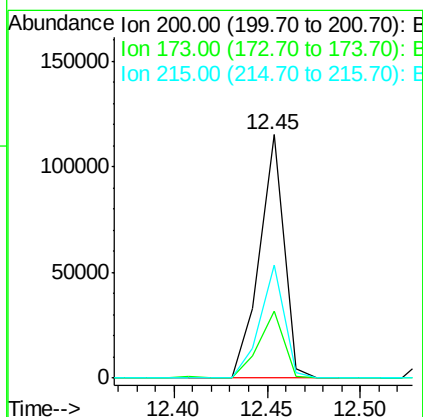
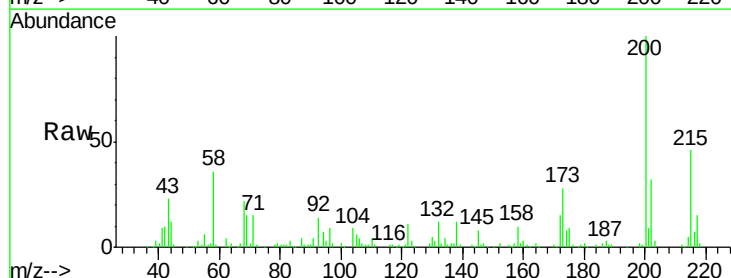
Instrument :
BNA_F
ClientSampleId :
PB81951BS

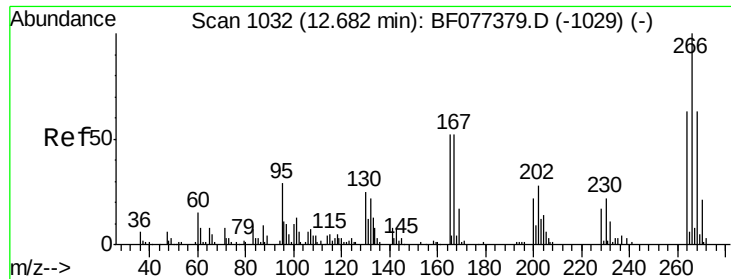
Tgt Ion:284 Resp: 110748
Ion Ratio Lower Upper
284 100
142 32.2 31.6 47.4
249 31.7 27.0 40.4



#68
Atrazine
Concen: 40.02 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:200 Resp: 104850
Ion Ratio Lower Upper
200 100
173 27.8 9.6 49.6
215 46.3 24.4 64.4

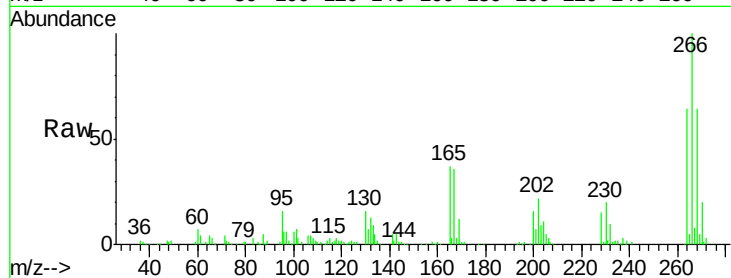




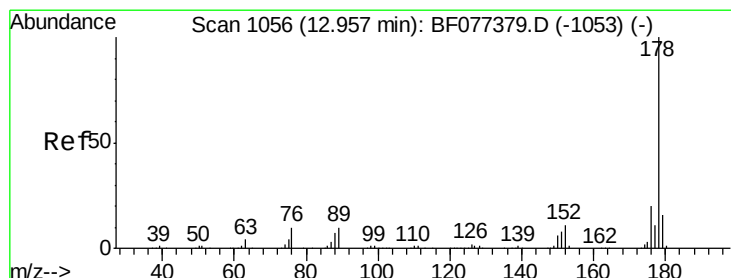
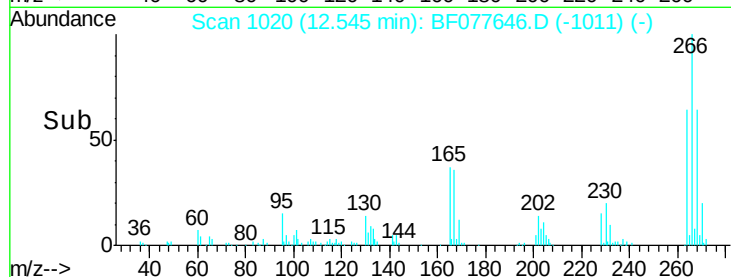
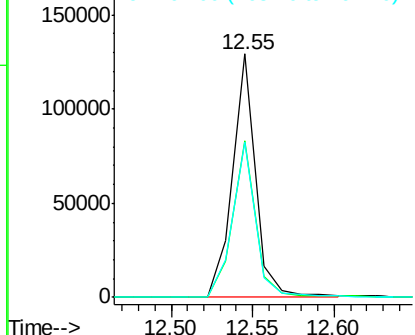
#69
 Pentachlorophenol
 Concen: 78.52 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:266 Resp: 125968
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 63.5 50.7 76.1

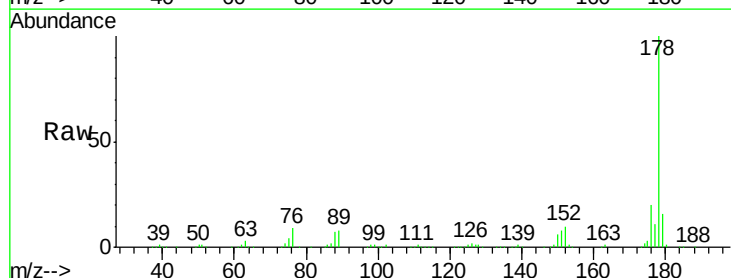


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

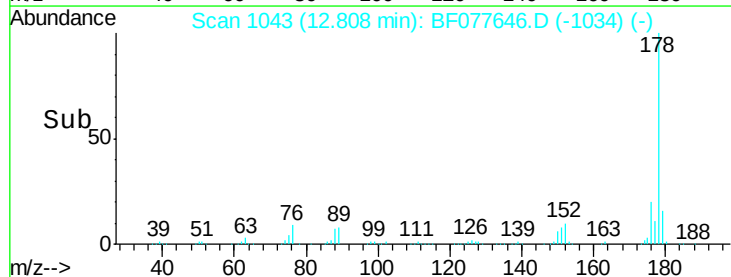
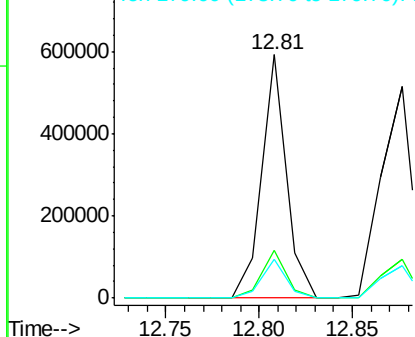


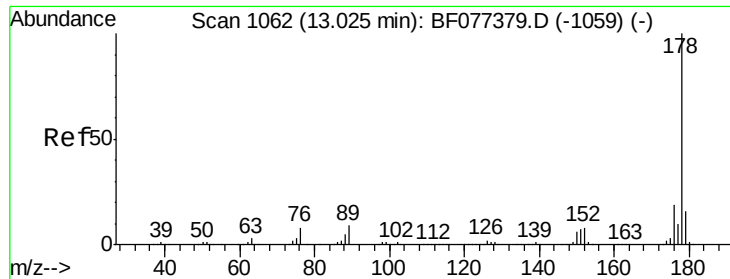
#70
 Phenanthrene
 Concen: 39.15 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:178 Resp: 551022
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 16.0 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

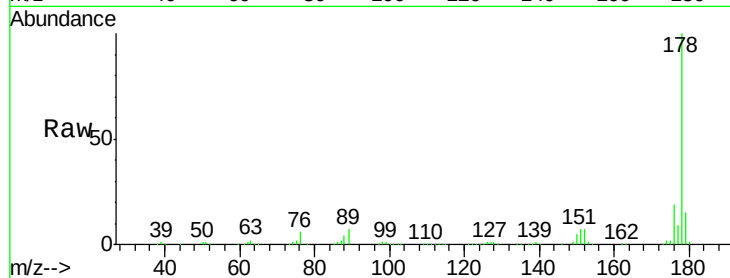




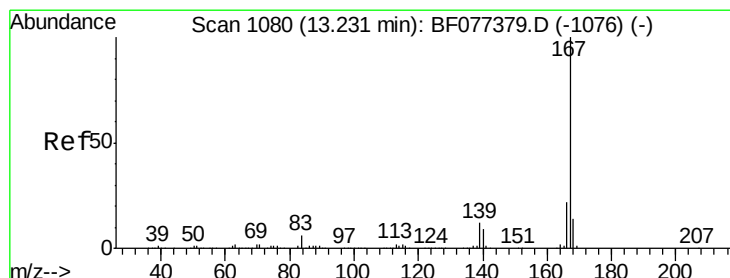
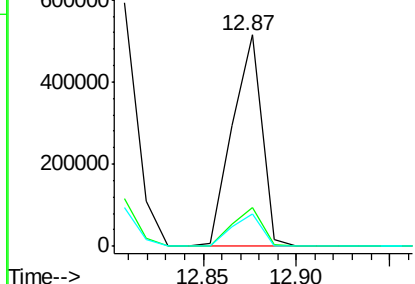
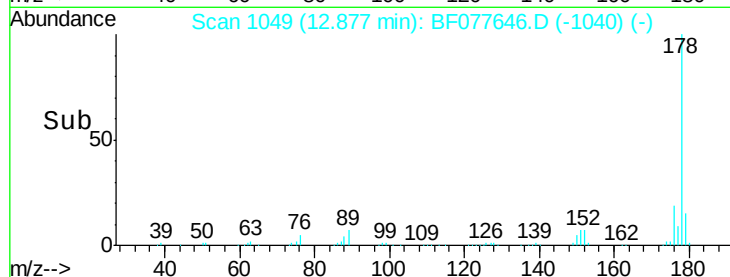
#71
 Anthracene
 Concen: 40.71 ng
 RT: 12.87 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion:178 Resp: 568624
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.3 12.9 19.3

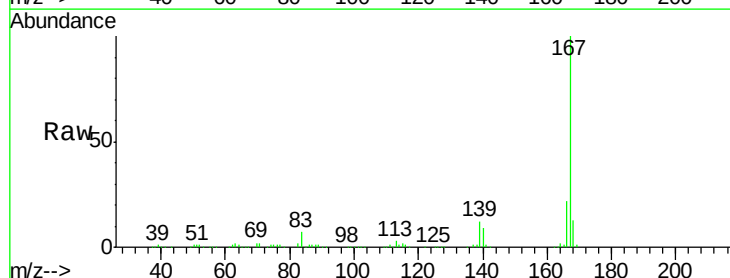


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

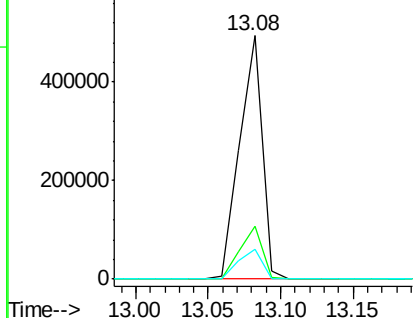
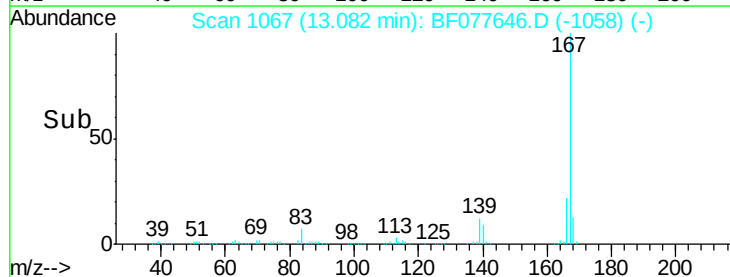


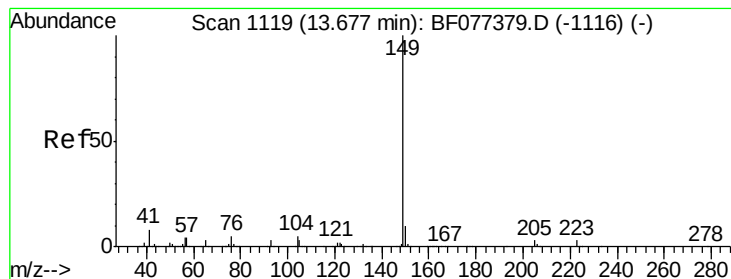
#72
 Carbazole
 Concen: 40.46 ng
 RT: 13.08 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:167 Resp: 537406
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.2 9.9 14.9



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





#73

Di-n-butylphthalate

Concen: 36.84 ng

RT: 13.53 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

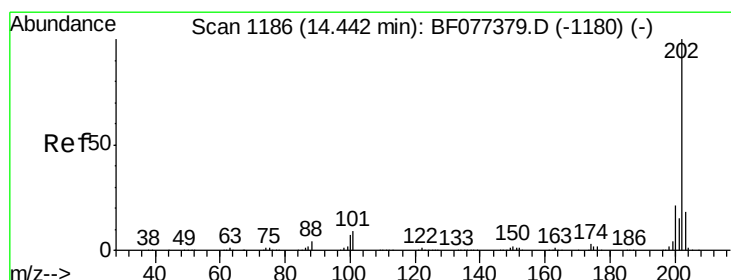
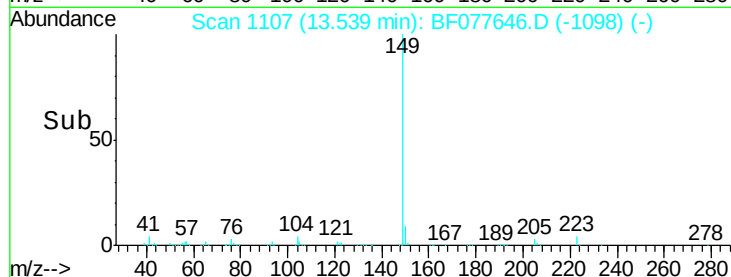
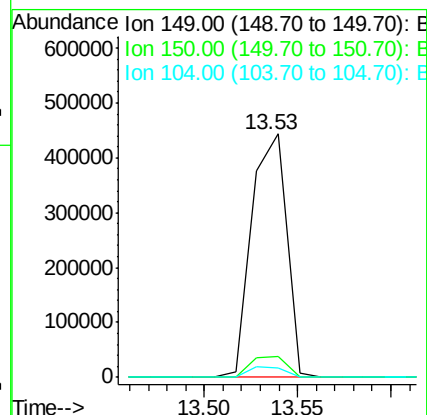
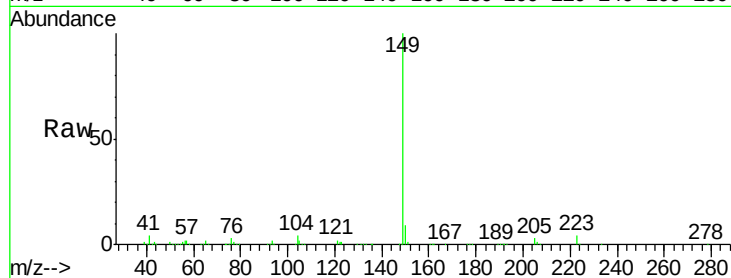
Tgt Ion:149 Resp: 574530

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.8

104 3.9 4.1 6.1#



#74

Fluoranthene

Concen: 39.57 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

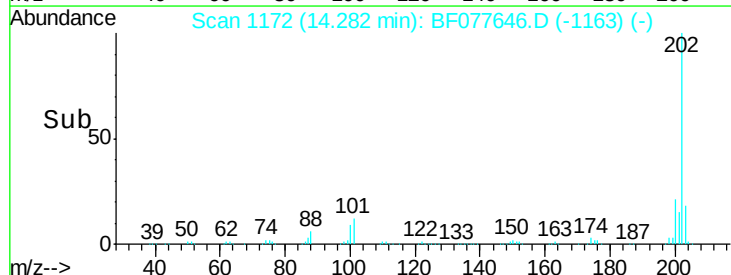
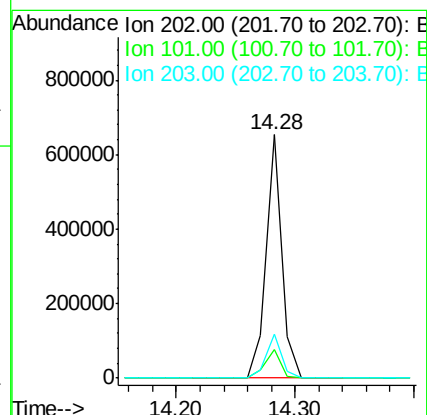
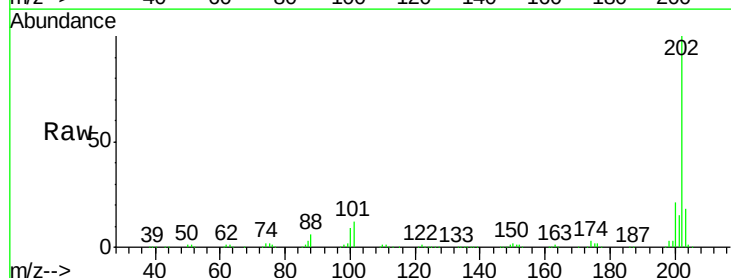
Tgt Ion:202 Resp: 608420

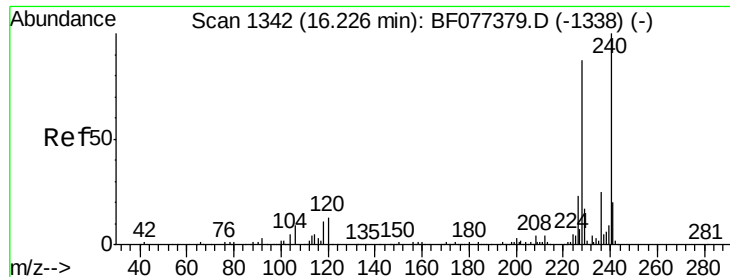
Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.8

203 17.8 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 1329

Delta R.T. 0.02 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

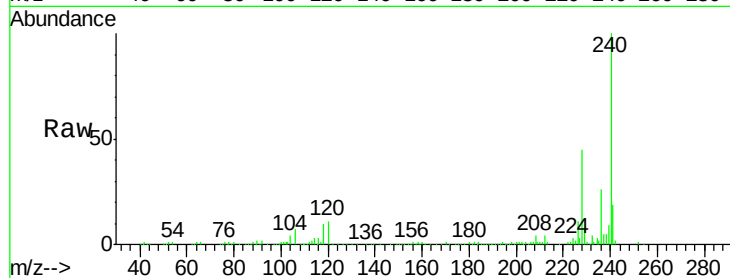
Tgt Ion:240 Resp: 274069

Ion Ratio Lower Upper

240 100

120 11.2 8.8 13.2

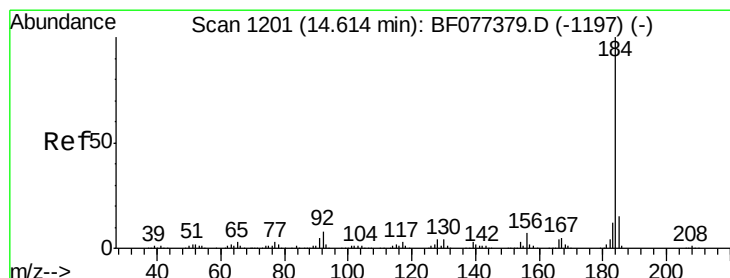
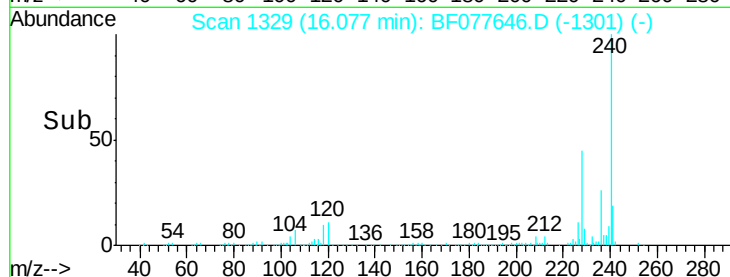
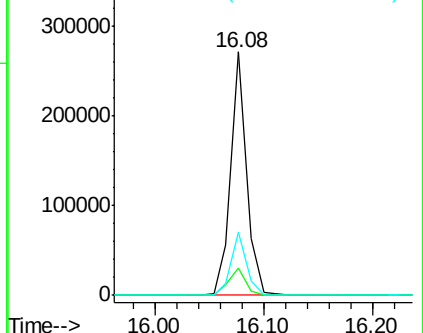
236 25.7 20.7 31.1



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: 23.08 ng

RT: 14.47 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

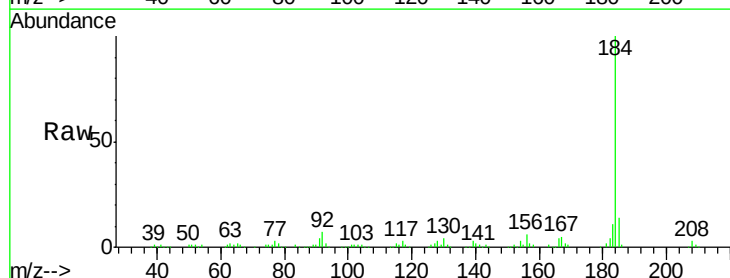
Tgt Ion:184 Resp: 213685

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

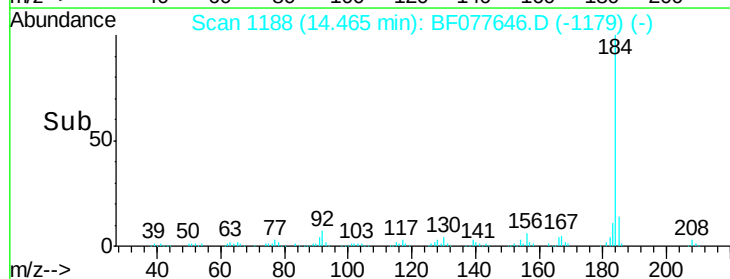
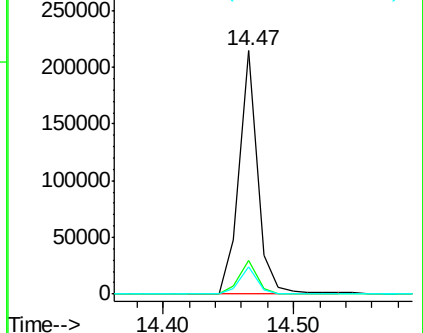
183 11.4 9.3 13.9

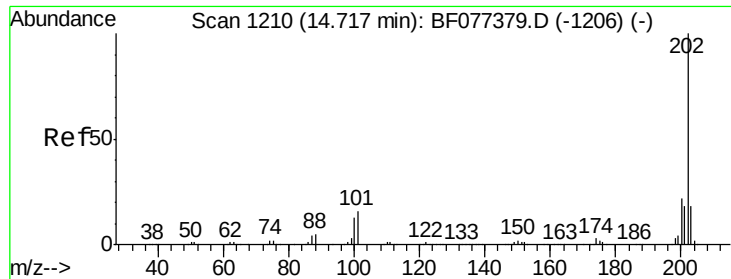


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

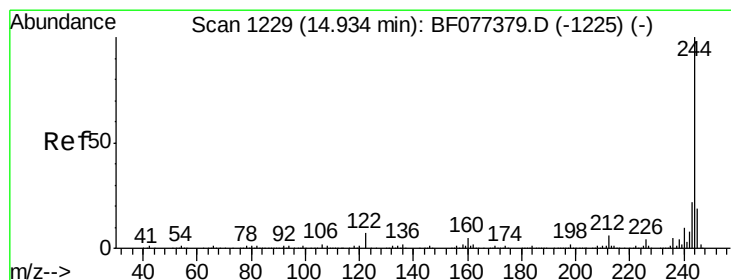
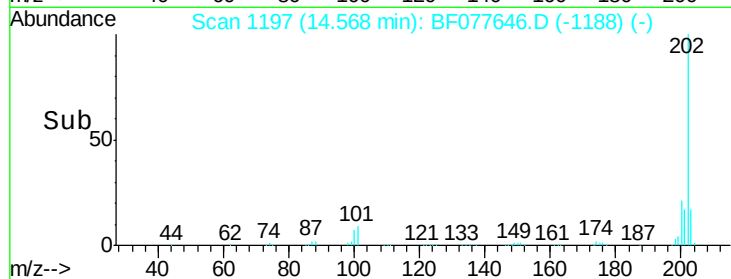
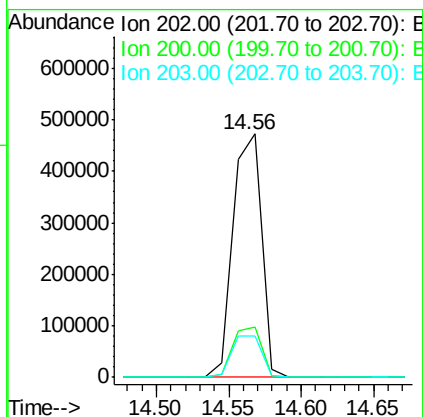
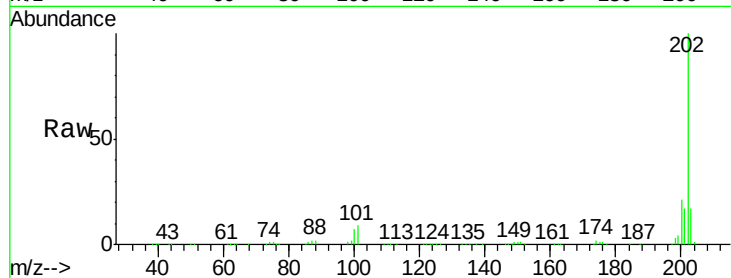




#77
 Pyrene
 Concen: 38.48 ng
 RT: 14.56 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

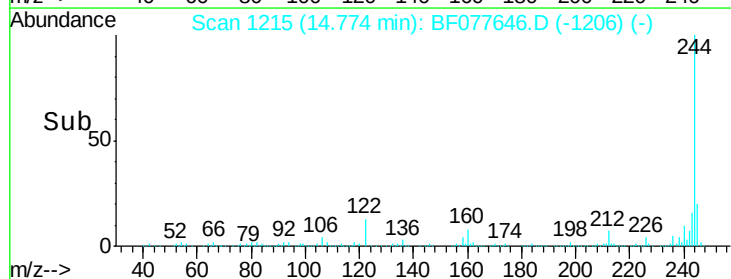
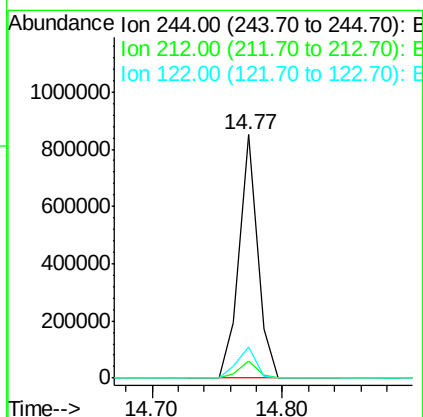
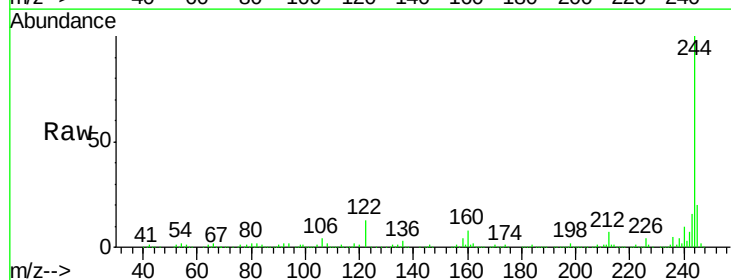
Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

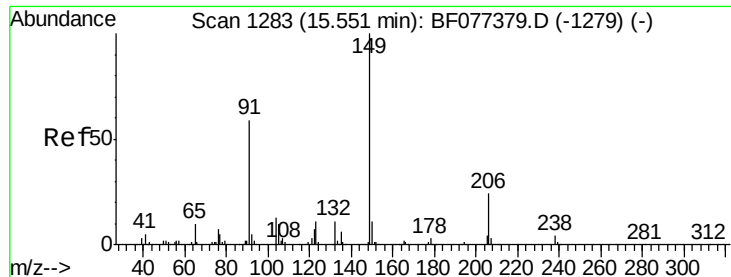
Tgt Ion: 202 Resp: 645049
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.1 25.7
 203 17.0 14.2 21.2



#78
 Terphenyl-d14
 Concen: 71.60 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion: 244 Resp: 839397
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 12.7 7.8 11.8#

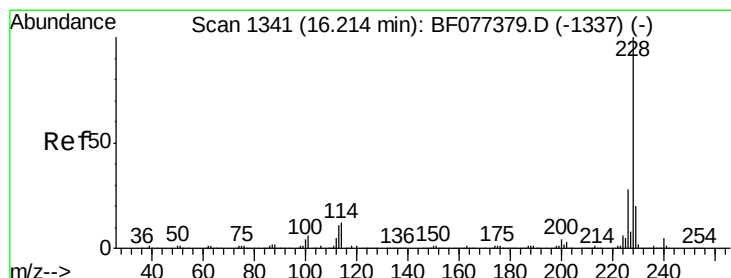
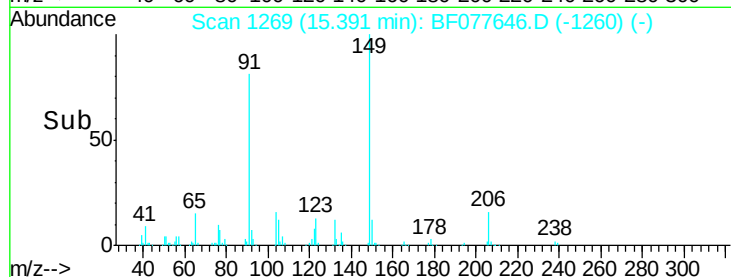
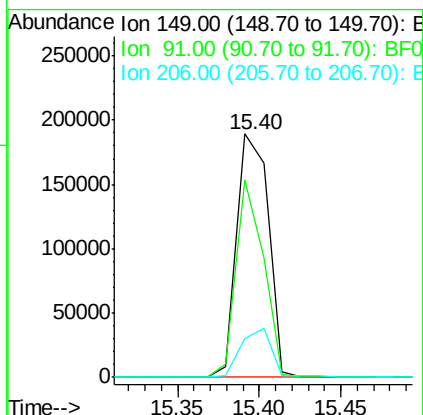
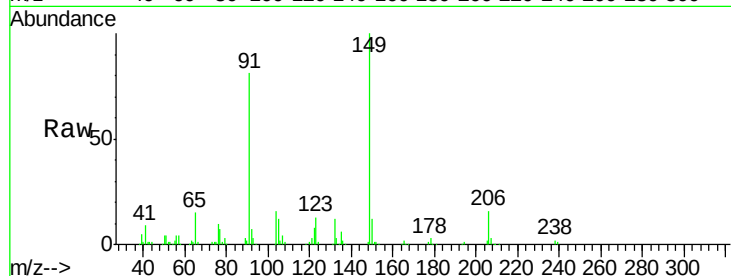




#79
Butylbenzylphthalate
Concen: 36.80 ng
RT: 15.40 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

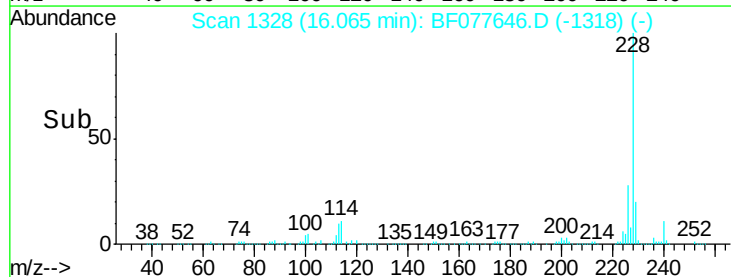
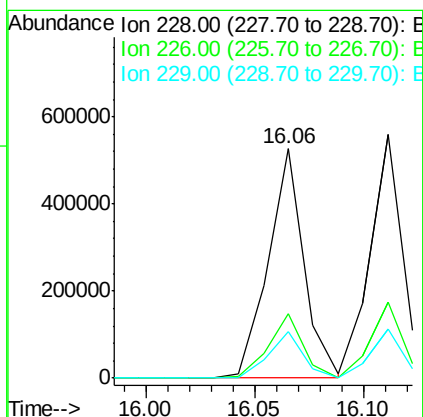
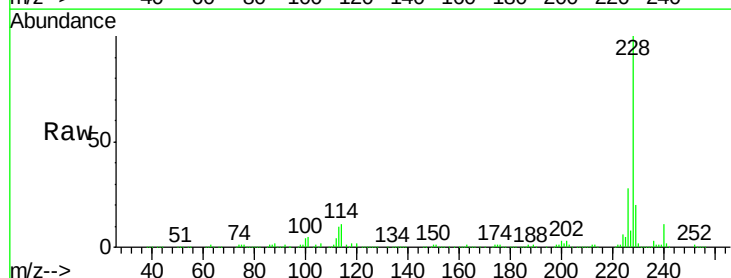
Instrument :
BNA_F
ClientSampleId :
PB81951BS

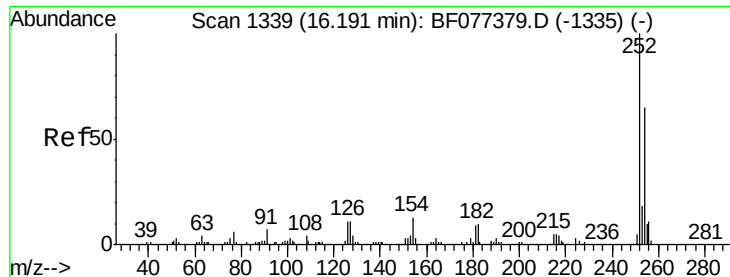
Tgt Ion:149 Resp: 253793
Ion Ratio Lower Upper
149 100
91 81.3 51.2 76.8#
206 15.7 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 37.57 ng
RT: 16.06 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:228 Resp: 603504
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.1 15.8 23.8

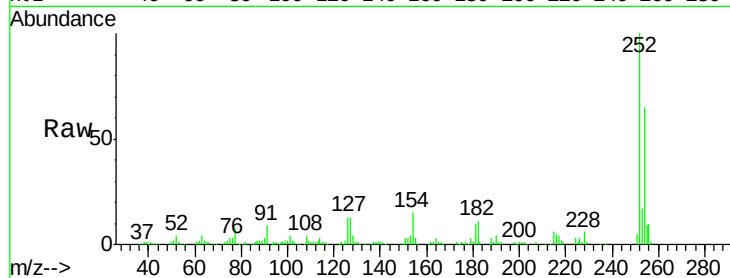




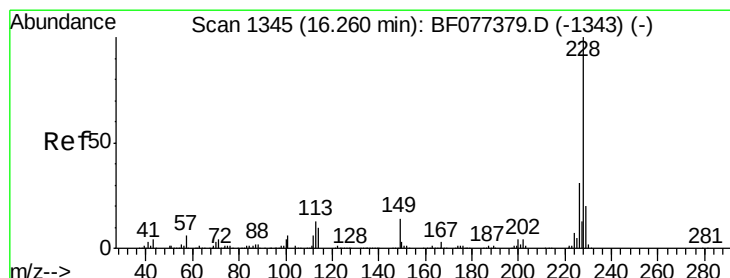
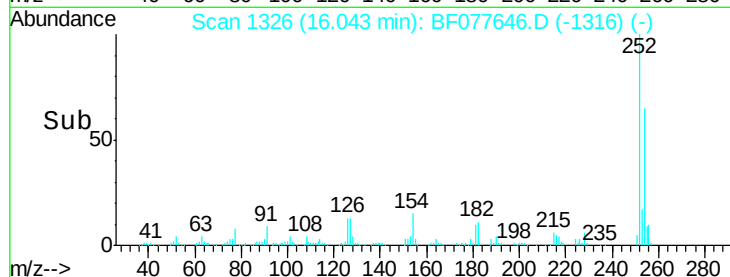
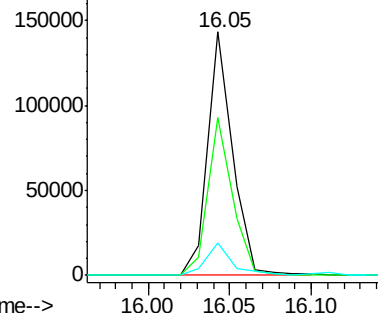
#81
 3,3'-Dichlorobenzidine
 Concen: 25.68 ng
 RT: 16.05 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.9	79.3
126	13.3	7.3	10.9

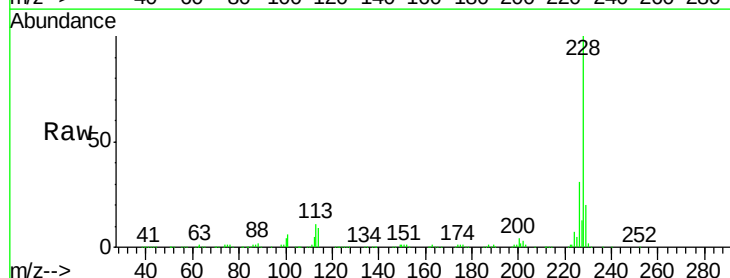


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

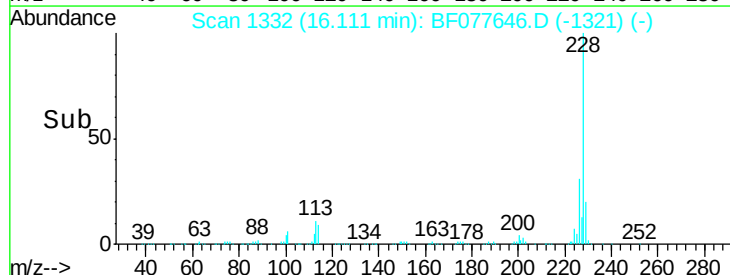
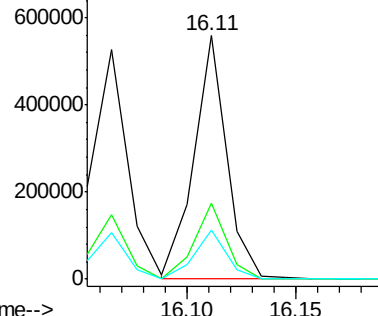


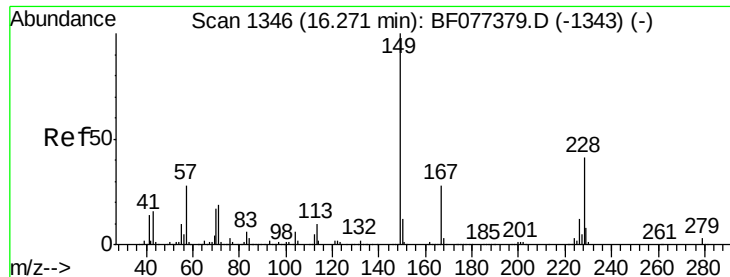
#82
 Chrysene
 Concen: 38.45 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.0	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

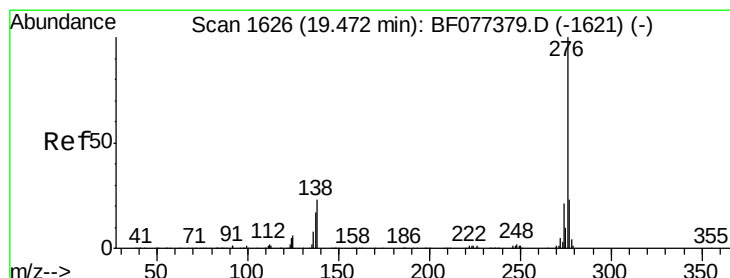
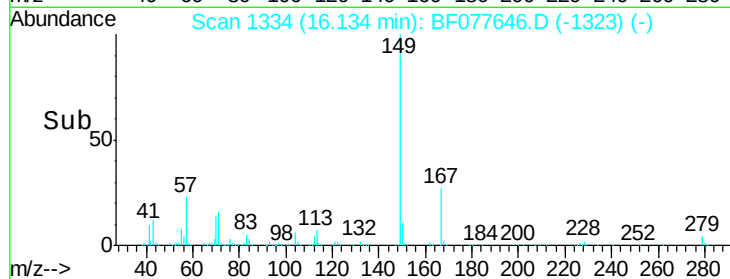
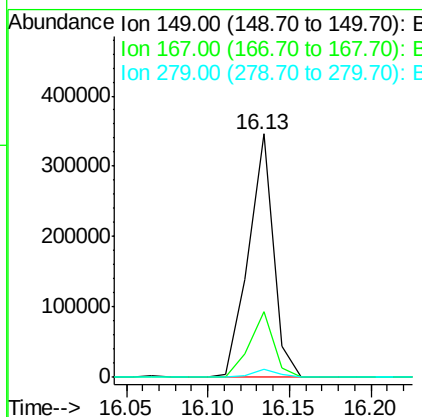
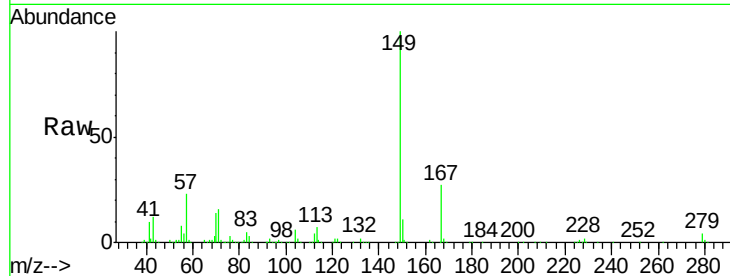




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.30 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

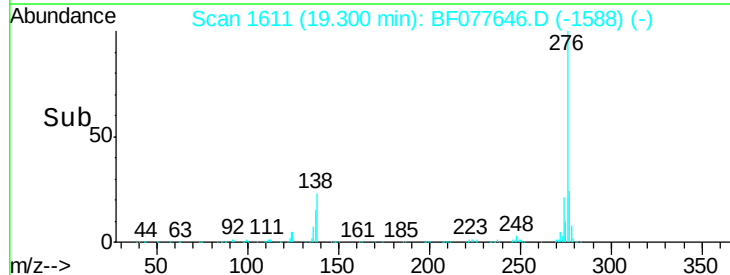
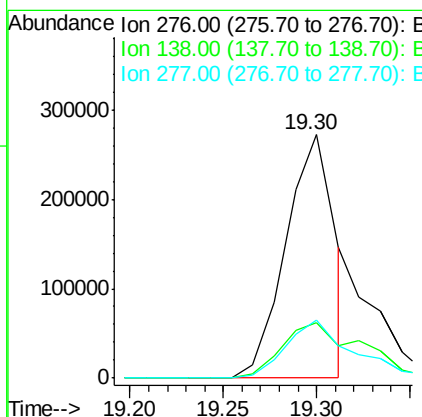
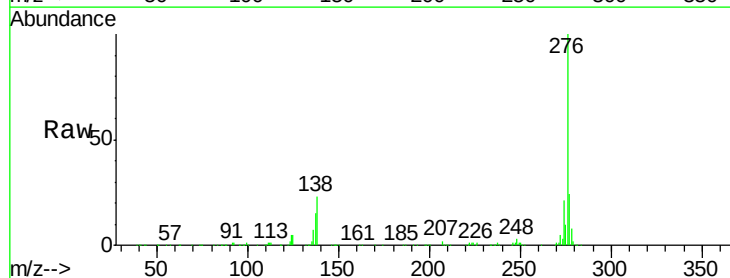
Instrument :
 BNA_F
 ClientSampleId :
 PB81951BS

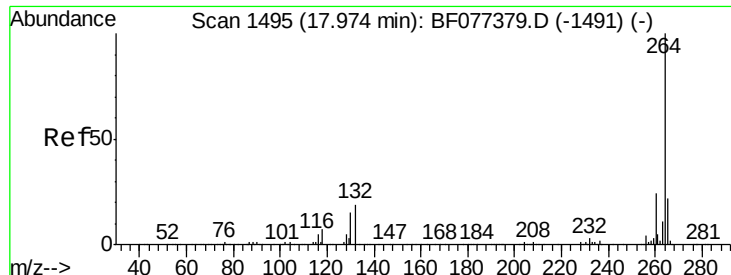
Tgt Ion:149 Resp: 368258
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.8 34.2
 279 3.6 3.8 5.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.13 ng
 RT: 19.30 min Scan# 1611
 Delta R.T. 0.16 min
 Lab File: BF077646.D
 Acq: 9 Mar 2015 19:04

Tgt Ion:276 Resp: 501023
 Ion Ratio Lower Upper
 276 100
 138 24.9 21.2 31.8
 277 23.9 20.0 30.0

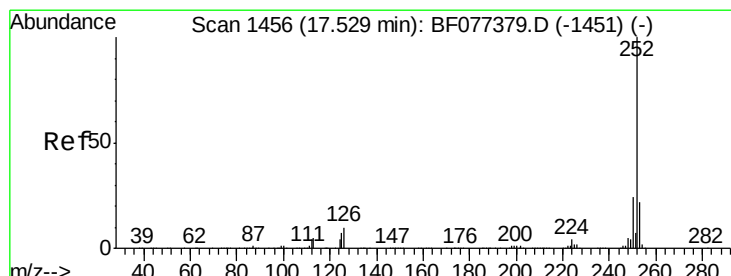
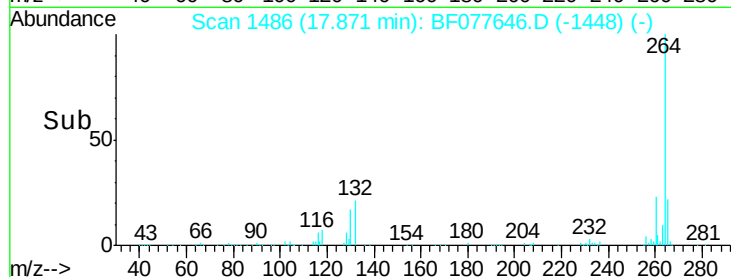
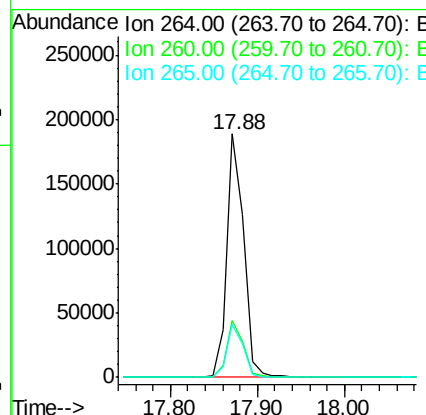
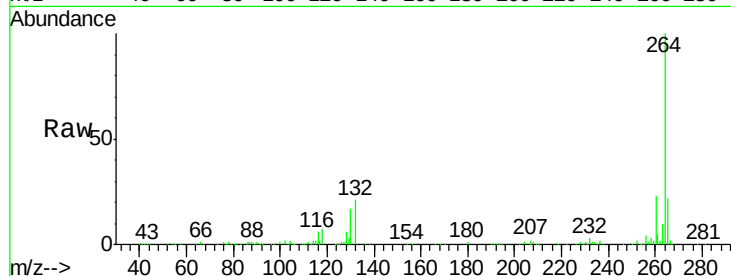




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.88 min Scan# 1486
Delta R.T. 0.14 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

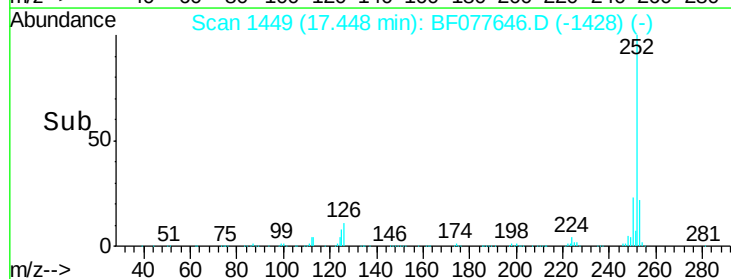
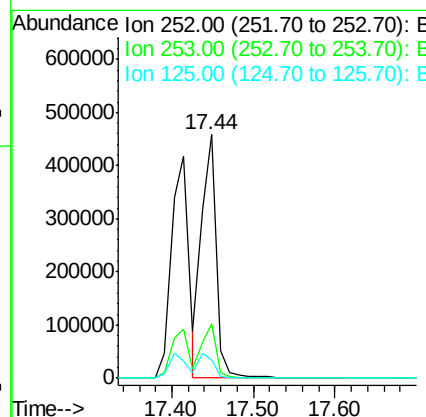
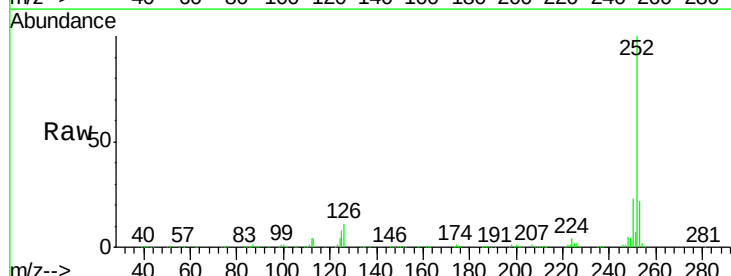
Instrument :
BNA_F
ClientSampleId :
PB81951BS

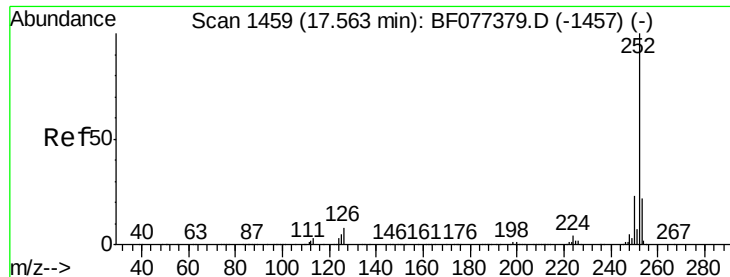
Tgt Ion: 264 Resp: 256374
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 21.7 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 39.44 ng
RT: 17.44 min Scan# 1449
Delta R.T. 0.14 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion: 252 Resp: 587933
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.5 5.4 8.2

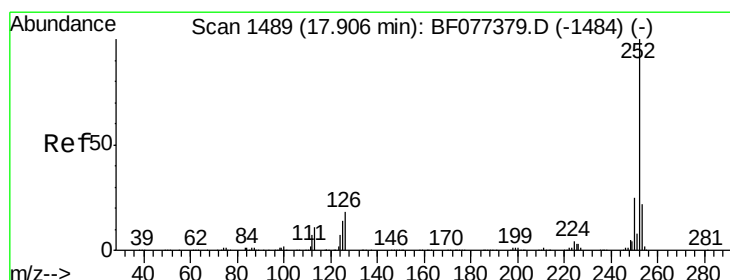
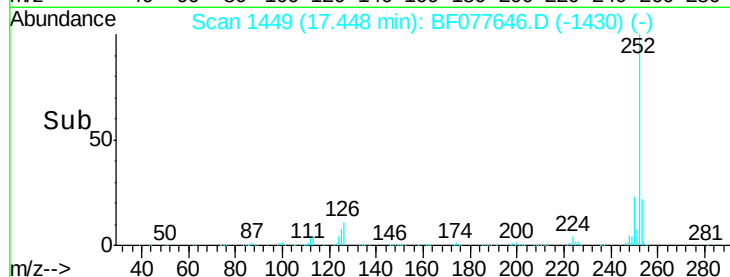
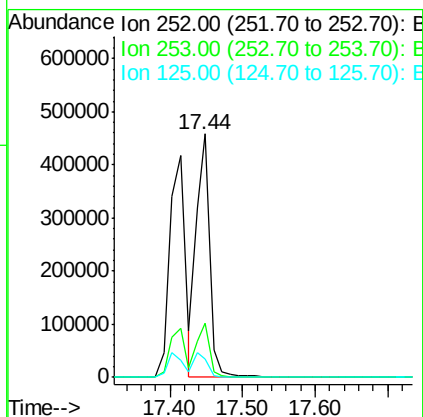
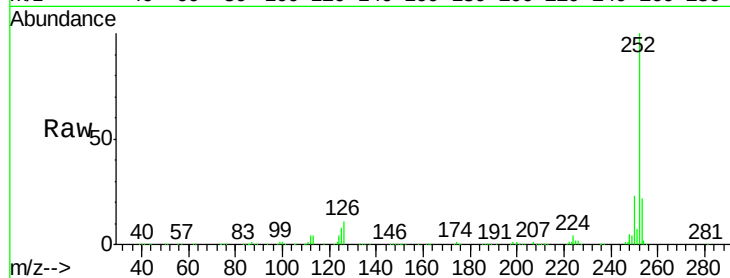




#88
Benzo(k)fluoranthene
Concen: 40.15 ng
RT: 17.44 min Scan# 1449
Delta R.T. 0.11 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

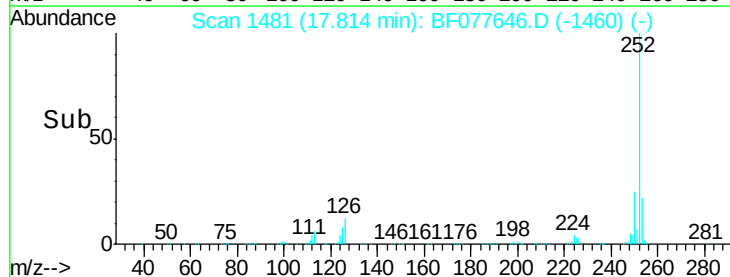
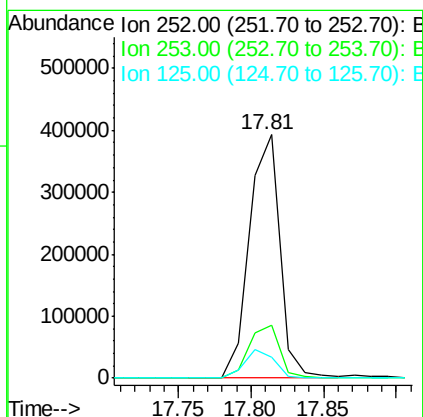
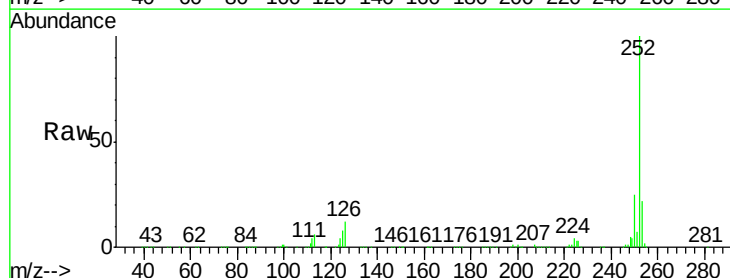
Instrument :
BNA_F
ClientSampleId :
PB81951BS

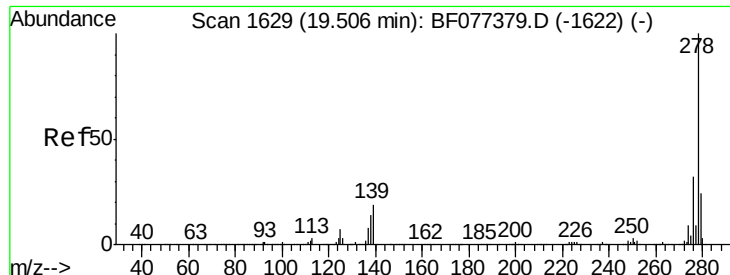
Tgt Ion:252 Resp: 586547
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 7.5 10.1 15.1#



#89
Benzo(a)pyrene
Concen: 40.69 ng
RT: 17.81 min Scan# 1481
Delta R.T. 0.14 min
Lab File: BF077646.D
Acq: 9 Mar 2015 19:04

Tgt Ion:252 Resp: 577683
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 8.3 8.3 12.5





#90

Dibenzo(a,h)anthracene

Concen: 40.57 ng

RT: 19.33 min Scan# 1614

Delta R.T. 0.17 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

Instrument :

BNA_F

ClientSampleId :

PB81951BS

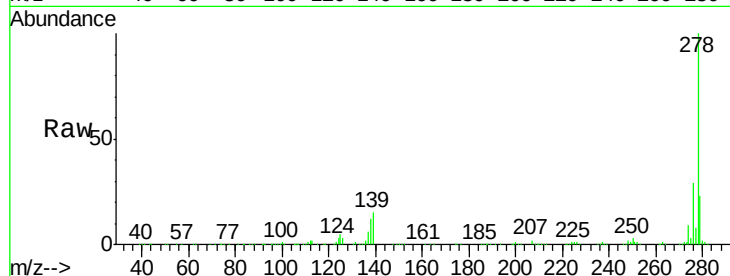
Tgt Ion: 278 Resp: 549313

Ion Ratio Lower Upper

278 100

139 15.2 14.3 21.5

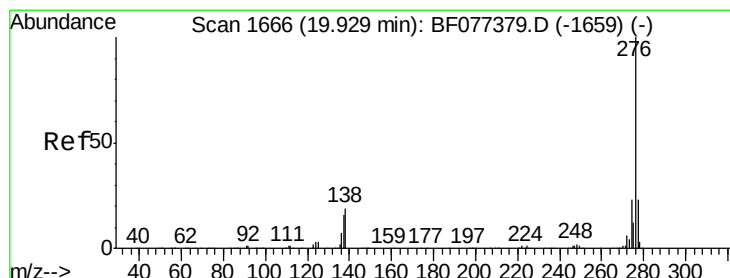
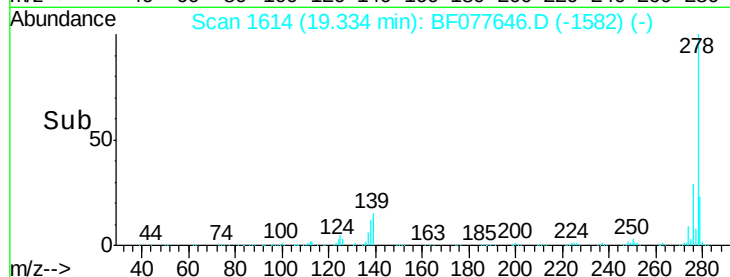
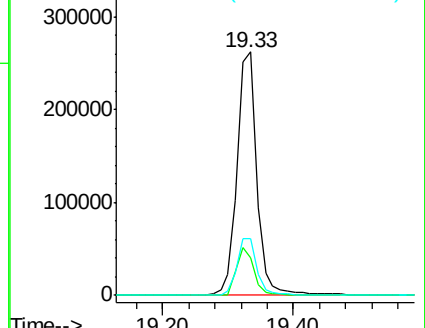
279 23.5 19.0 28.6



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: 41.26 ng

RT: 19.72 min Scan# 1647

Delta R.T. 0.17 min

Lab File: BF077646.D

Acq: 9 Mar 2015 19:04

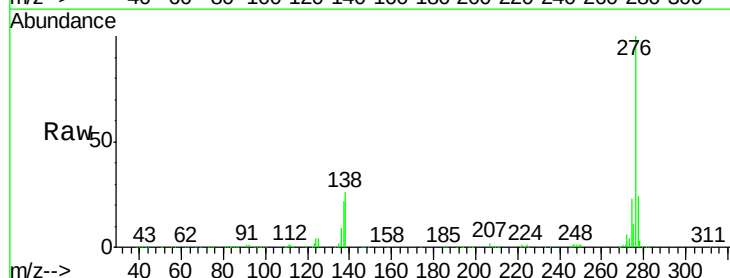
Tgt Ion: 276 Resp: 563879

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 25.6 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

