

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030915\
 Data File : BF077643.D
 Acq On : 9 Mar 2015 17:37
 Operator : TP/IZ
 Sample : PB82019BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Quant Time: Mar 10 00:02:16 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	58265	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	240296	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	117624	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	234137	20.00	ng	0.00
75) Chrysene-d12	16.06	240	253780	20.00	ng	0.00
86) Perylene-d12	17.76	264	250368	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	288644	82.70	ng	0.00
7) Phenol-d6	6.76	99	364920	81.32	ng	0.00
23) Nitrobenzene-d5	7.88	82	262860	68.02	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	96955	85.61	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	582992	77.28	ng	0.00
78) Terphenyl-d14	14.77	244	747121	68.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	50804	34.30	ng	98
3) Pyridine	2.83	79	164821	38.90	ng	96
4) n-Nitrosodimethylamine	2.74	42	71784	38.97	ng	90
6) Aniline	6.78	93	118200	19.06	ng	99
8) 2-Chlorophenol	6.92	128	172451	41.89	ng	95
9) Benzaldehyde	6.64	77	20549	7.54	ng	90
10) Phenol	6.77	94	217111	40.78	ng	81
11) bis(2-Chloroethyl)ether	6.88	93	149729	39.13	ng	98
12) 1,3-Dichlorobenzene	7.11	146	176739	39.42	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	175300	38.44	ng	98
14) 1,2-Dichlorobenzene	7.40	146	170518	39.30	ng	95
15) Benzyl Alcohol	7.38	79	139169	40.80	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.55	45	204917	37.47	ng	97
17) 2-Methylphenol	7.52	107	134152	41.69	ng	99
18) Hexachloroethane	7.81	117	60469	39.70	ng	# 87
19) n-Nitroso-di-n-propylamine	7.71	70	115532	40.54	ng	97
20) 3+4-Methylphenols	7.72	107	181852	42.91	ng	# 74
22) Acetophenone	7.70	105	226150	40.01	ng	# 89
24) Nitrobenzene	7.91	77	164619	40.49	ng	# 83
25) Isophorone	8.21	82	301399	39.31	ng	# 90
26) 2-Nitrophenol	8.30	139	83013	49.82	ng	89
27) 2,4-Dimethylphenol	8.37	122	152590	40.93	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	188597	38.94	ng	99
29) 2,4-Dichlorophenol	8.60	162	143684	41.06	ng	97
30) 1,2,4-Trichlorobenzene	8.70	180	150928	39.23	ng	99
31) Naphthalene	8.79	128	493157	41.04	ng	99
32) Benzoic acid	8.47	122	78258	43.20	ng	96
33) 4-Chloroaniline	8.87	127	98510	18.44	ng	99
34) Hexachlorobutadiene	8.95	225	80623	36.70	ng	99
35) Caprolactam	9.30	113	47076	44.07	ng	# 76
36) 4-Chloro-3-methylphenol	9.48	107	151702	43.12	ng	95
37) 2-Methylnaphthalene	9.65	142	341357	40.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	147021	43.56	ng	99
40) Hexachlorocyclopentadiene	9.85	237	148855	82.25	ng	98

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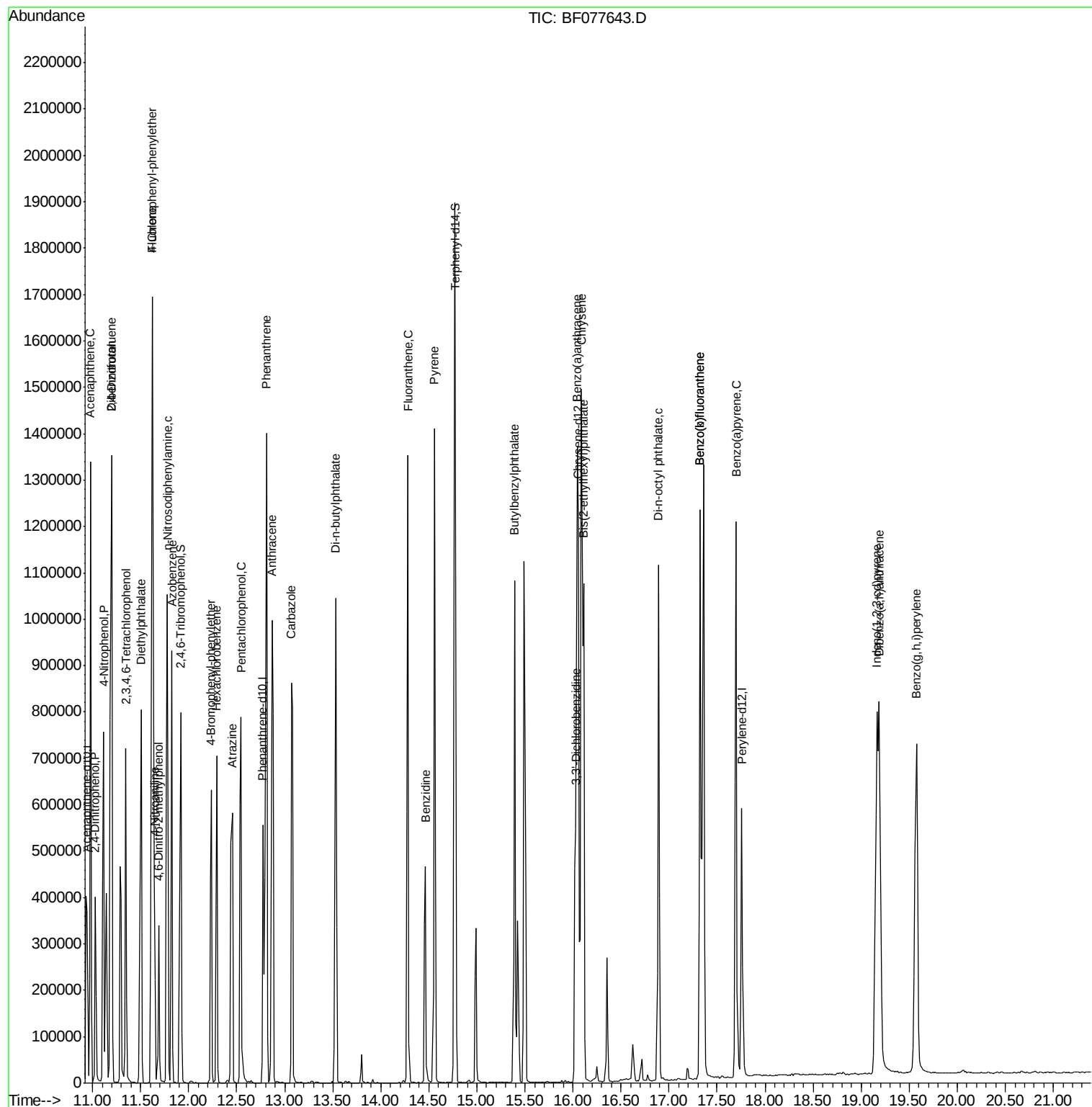
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	103770	46.43	ng	97
43) 2,4,5-Trichlorophenol	10.05	196	109438	45.79	ng	95
45) 1,1'-Biphenyl	10.24	154	400654	44.96	ng	98
46) 2-Chloronaphthalene	10.25	162	317005	45.36	ng	93
47) 2-Nitroaniline	10.38	65	93392	54.29	ng	86
48) Acenaphthylene	10.76	152	505897	45.73	ng	100
49) Dimethylphthalate	10.62	163	379050	45.84	ng	98
50) 2,6-Dinitrotoluene	10.70	165	80295	48.43	ng	# 57
51) Acenaphthene	10.98	154	291714	44.18	ng	100
52) 3-Nitroaniline	10.89	138	58352	30.52	ng	# 78
53) 2,4-Dinitrophenol	11.03	184	57503	113.97	ng	95
54) Dibenzofuran	11.20	168	464884	45.60	ng	99
55) 4-Nitrophenol	11.11	139	159660	103.84	ng	86
56) 2,4-Dinitrotoluene	11.19	165	106838	47.68	ng	# 54
57) Fluorene	11.62	166	386506	47.42	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	92126	47.95	ng	95
59) Diethylphthalate	11.50	149	370586	45.46	ng	97
60) 4-Chlorophenyl-phenylether	11.63	204	171666	43.72	ng	96
61) 4-Nitroaniline	11.65	138	87692	47.86	ng	95
62) Azobenzene	11.82	77	359609	46.50	ng	98
64) 4,6-Dinitro-2-methylphenol	11.69	198	44232	47.40	ng	# 64
65) n-Nitrosodiphenylamine	11.78	169	328965	42.35	ng	99
66) 4-Bromophenyl-phenylether	12.23	248	106805	38.95	ng	95
67) Hexachlorobenzene	12.29	284	112572	38.25	ng	# 89
68) Atrazine	12.45	200	106064	42.00	ng	93
69) Pentachlorophenol	12.54	266	129539	83.75	ng	100
70) Phenanthrene	12.81	178	575564	42.41	ng	99
71) Anthracene	12.87	178	559599	41.55	ng	99
72) Carbazole	13.08	167	544604	42.53	ng	98
73) Di-n-butylphthalate	13.53	149	590992	39.31	ng	100
74) Fluoranthene	14.28	202	625690	42.21	ng	99
76) Benzidine	14.46	184	248596	28.99	ng	97
77) Pyrene	14.56	202	637655	41.08	ng	99
79) Butylbenzylphthalate	15.39	149	266266	41.69	ng	94
80) Benzo(a)anthracene	16.05	228	605667	40.72	ng	100
81) 3,3'-Dichlorobenzidine	16.03	252	131415	24.11	ng	98
82) Chrysene	16.09	228	568333	40.69	ng	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	378220	36.93	ng	# 97
84) Di-n-octyl phthalate	16.89	149	640695	37.47	ng	98
85) Indeno(1,2,3-cd)pyrene	19.17	276	660030	41.45	ng	99
87) Benzo(b)fluoranthene	17.33	252	691229	47.48	ng	# 96
88) Benzo(k)fluoranthene	17.33	252	691195	48.44	ng	98
89) Benzo(a)pyrene	17.70	252	585309	42.21	ng	99
90) Dibenzo(a,h)anthracene	19.19	278	542244	41.00	ng	# 96
91) Benzo(g,h,i)perylene	19.58	276	558013	41.81	ng	99

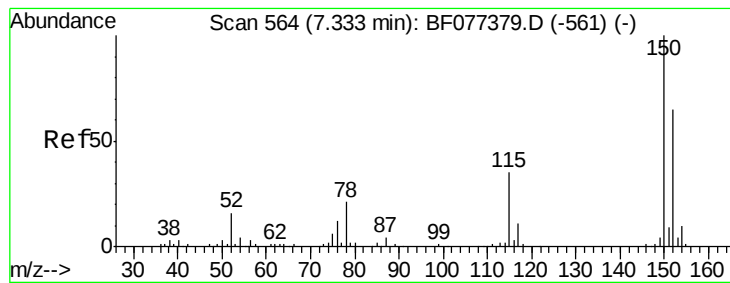
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

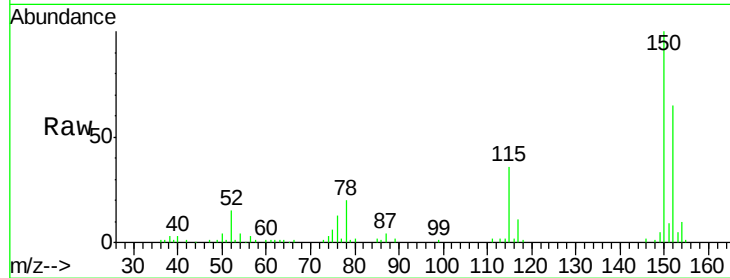
Tgt Ion:152 Resp: 58265

Ion Ratio Lower Upper

152 100

150 155.0 124.0 186.0

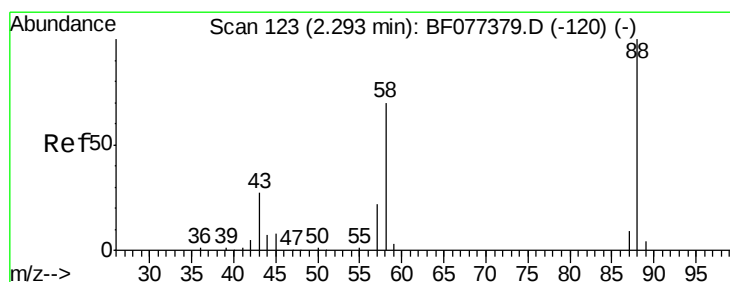
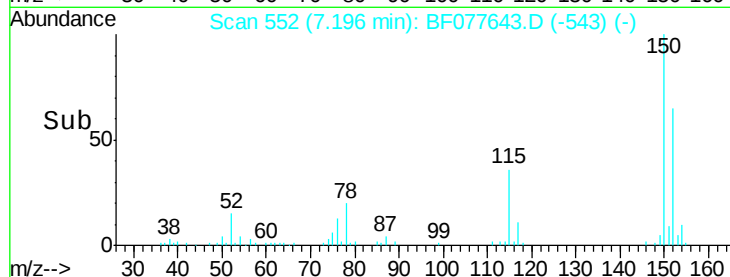
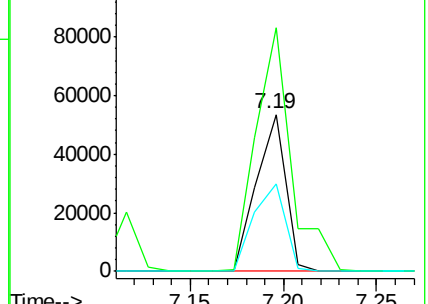
115 56.0 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.30 ng

RT: 2.11 min Scan# 107

Delta R.T. 0.02 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

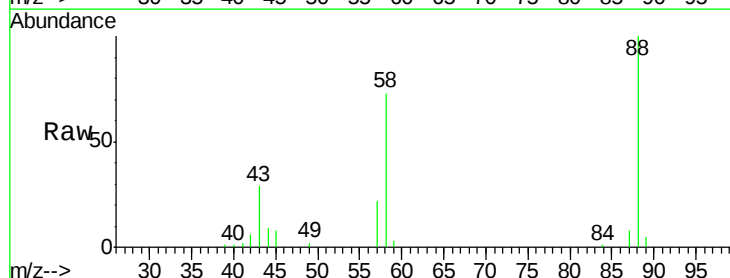
Tgt Ion: 88 Resp: 50804

Ion Ratio Lower Upper

88 100

58 75.9 62.1 93.1

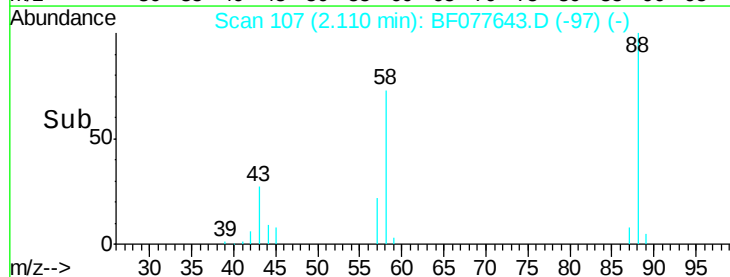
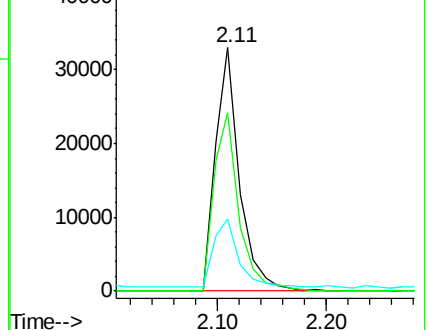
43 28.5 24.0 36.0

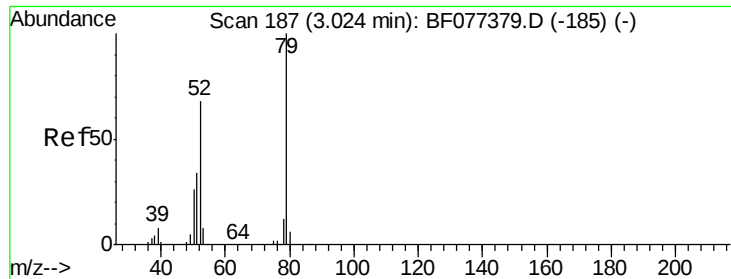


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.90 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.04 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

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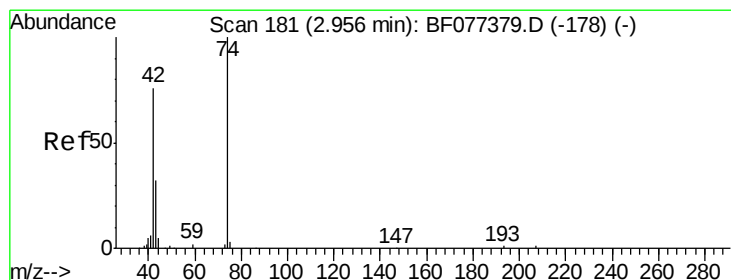
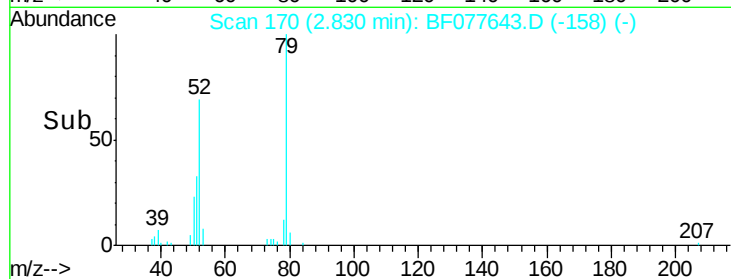
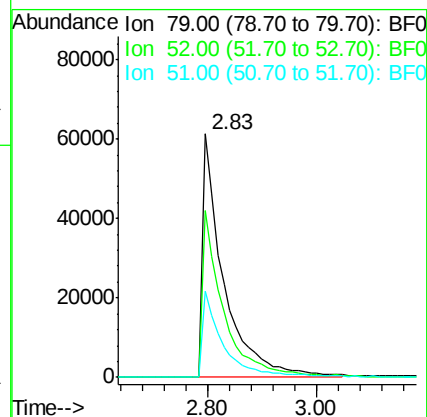
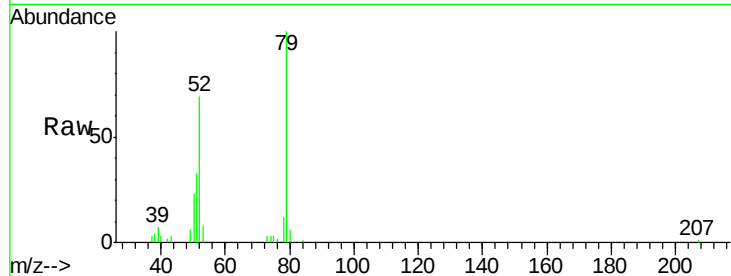
Tgt Ion: 79 Resp: 164821

Ion Ratio Lower Upper

79 100

52 69.2 57.7 86.5

51 32.8 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 38.97 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

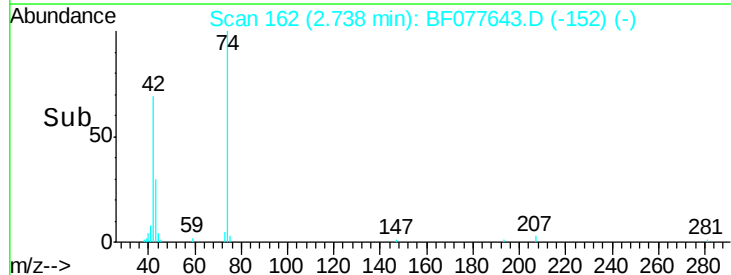
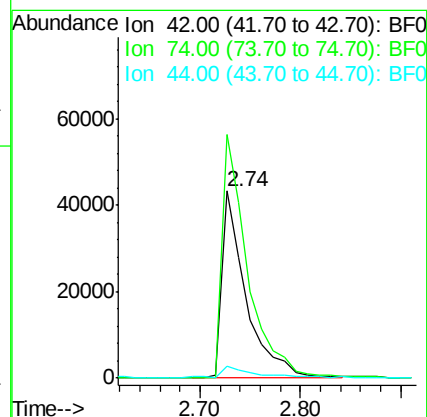
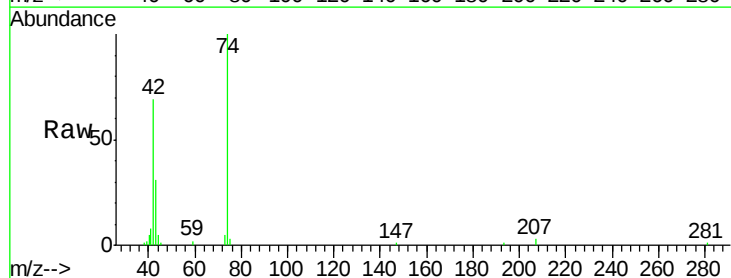
Tgt Ion: 42 Resp: 71784

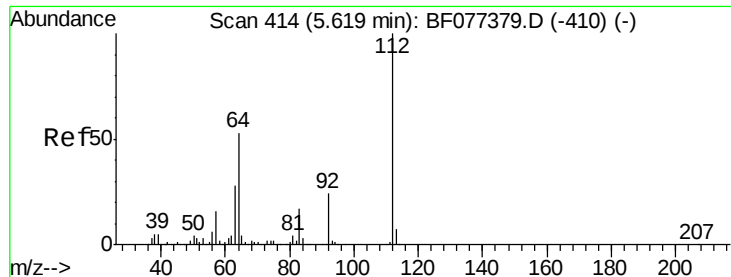
Ion Ratio Lower Upper

42 100

74 145.8 107.1 160.7

44 7.0 6.7 10.1





#5

2-Fluorophenol

Concen: 82.70 ng

RT: 5.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

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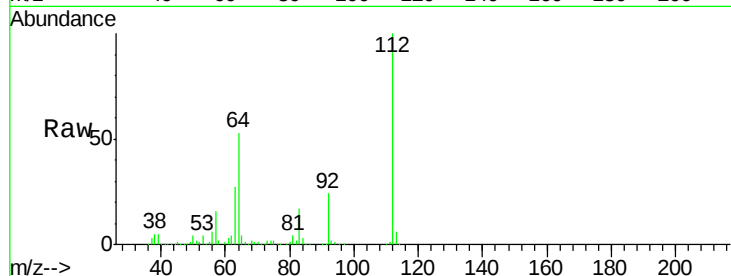
Tgt Ion: 112 Resp: 288644

Ion Ratio Lower Upper

112 100

64 53.0 48.5 72.7

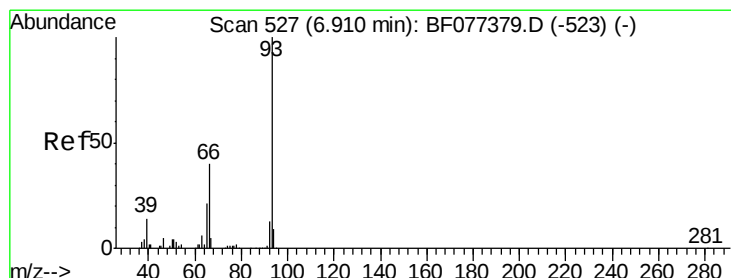
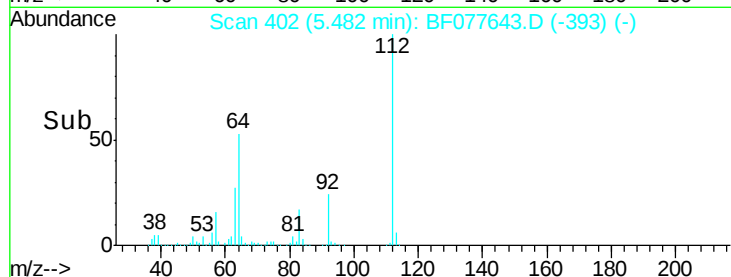
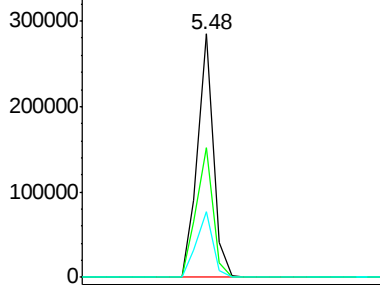
63 27.1 25.0 37.4



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: 19.06 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

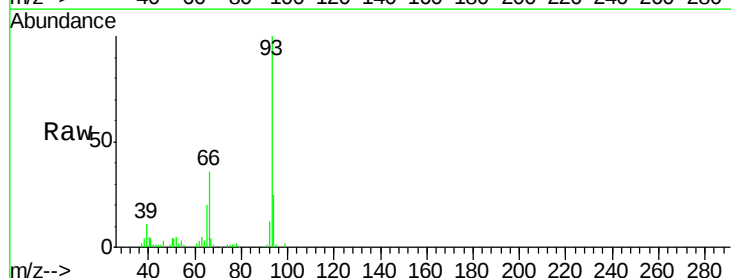
Tgt Ion: 93 Resp: 118200

Ion Ratio Lower Upper

93 100

66 36.3 29.1 43.7

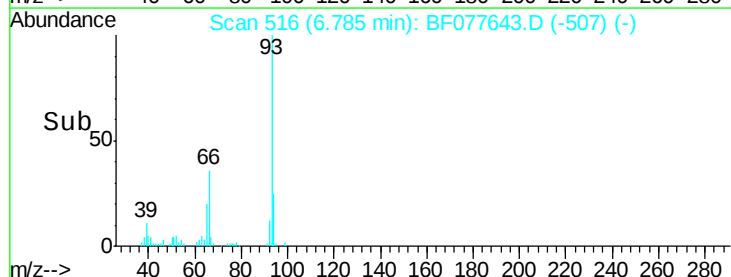
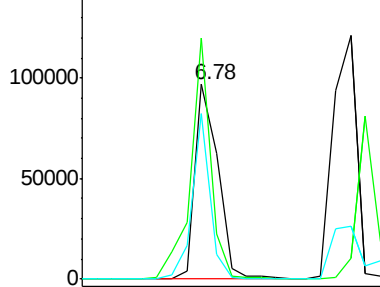
65 20.1 14.6 22.0

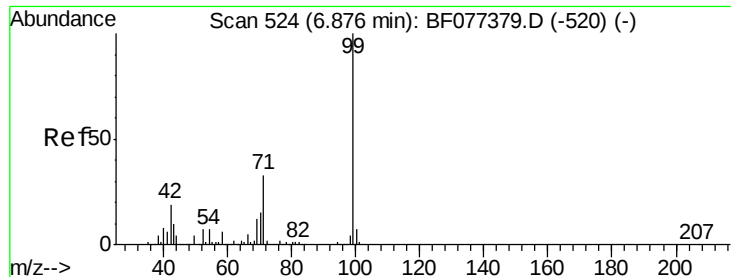


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.32 ng

RT: 6.76 min Scan# 513

Delta R.T. -0.00 min

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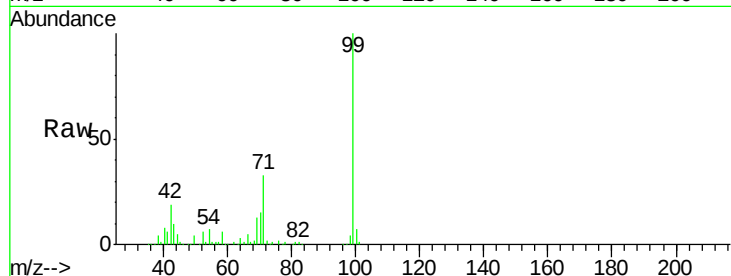
Tgt Ion: 99 Resp: 364920

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

71 32.9 26.7 40.1

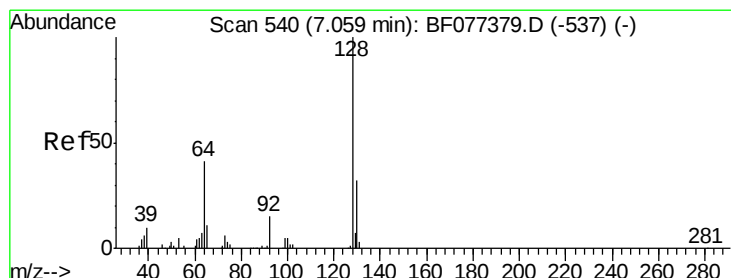
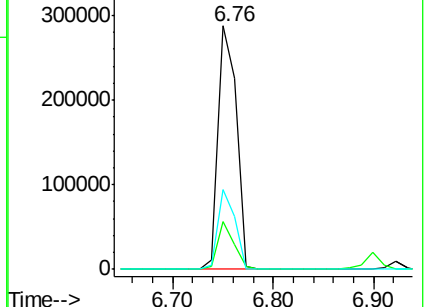
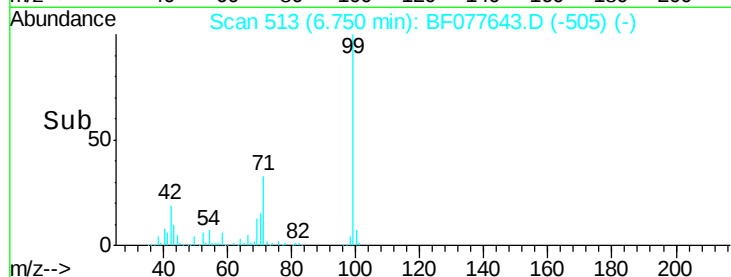


Abundance Ion 99.00 (98.70 to 99.70): BF077379.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BF077379.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BF077379.D (-520) (-)

Time-->



#8

2-Chlorophenol

Concen: 41.89 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

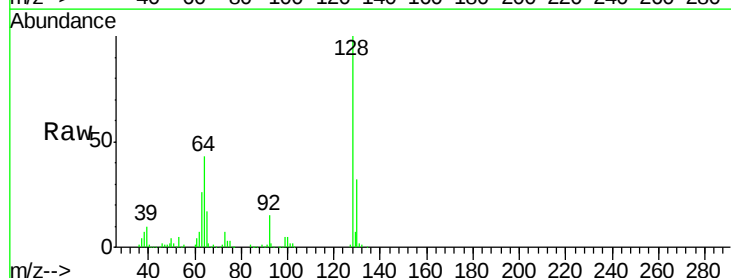
Tgt Ion: 128 Resp: 172451

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 43.5 29.2 69.2

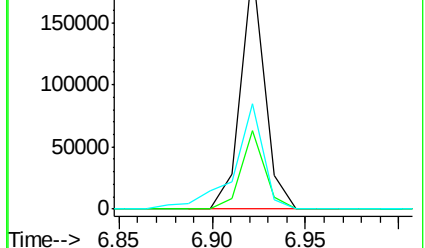
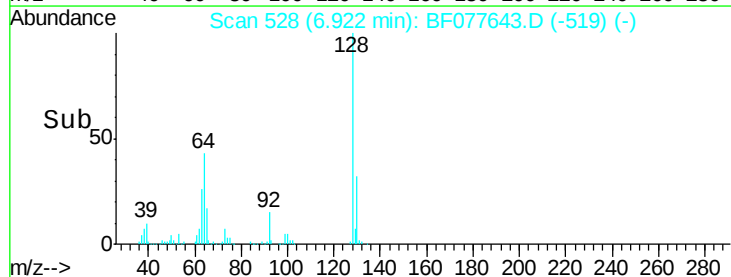


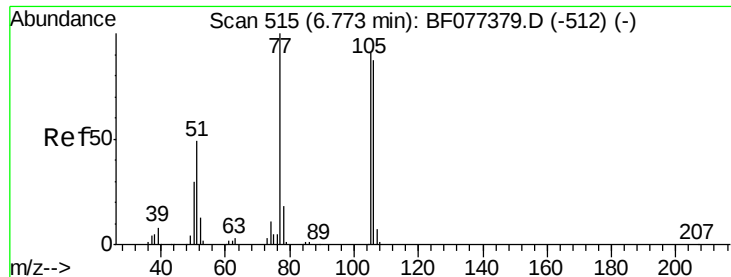
Abundance Ion 128.00 (127.70 to 128.70): BF077379.D (-537) (-)

Ion 130.00 (129.70 to 130.70): BF077379.D (-537) (-)

Ion 64.00 (63.70 to 64.70): BF077379.D (-537) (-)

Time-->





#9

Benzaldehyde

Concen: 7.54 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

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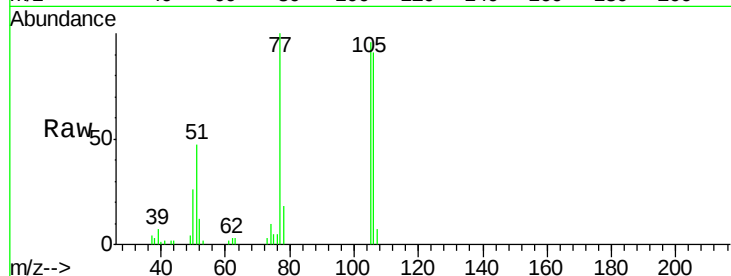
Tgt Ion: 77 Resp: 20549

Ion Ratio Lower Upper

77 100

105 96.2 85.9 125.9

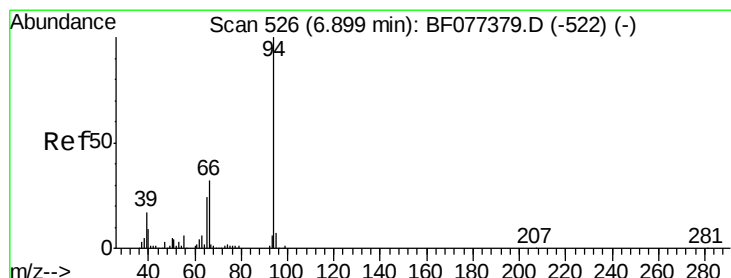
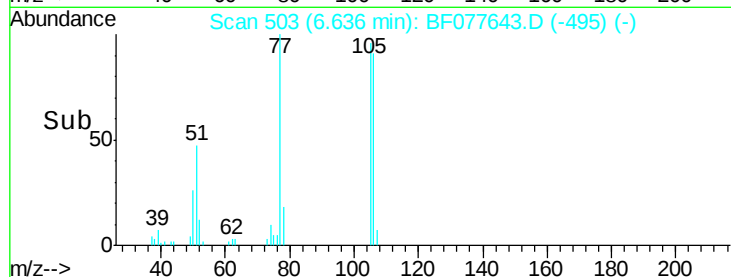
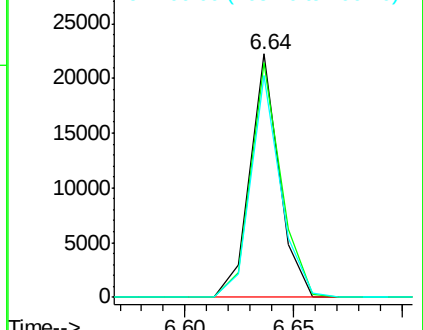
106 91.2 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.78 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

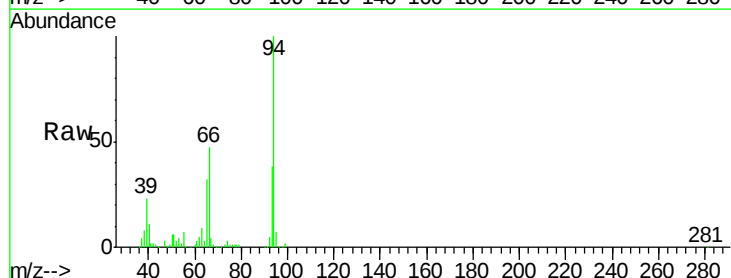
Tgt Ion: 94 Resp: 217111

Ion Ratio Lower Upper

94 100

65 32.4 5.7 45.7

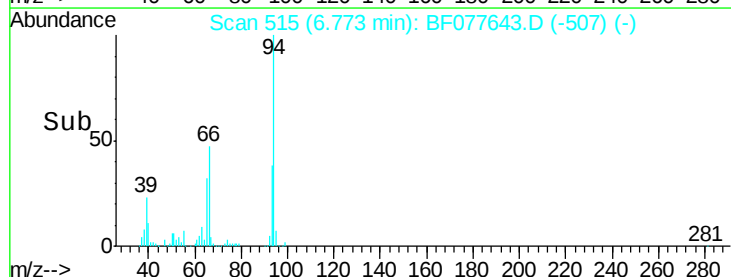
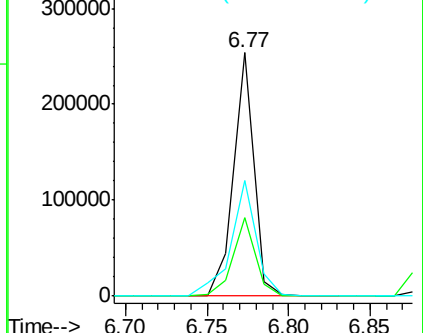
66 47.3 13.6 53.6

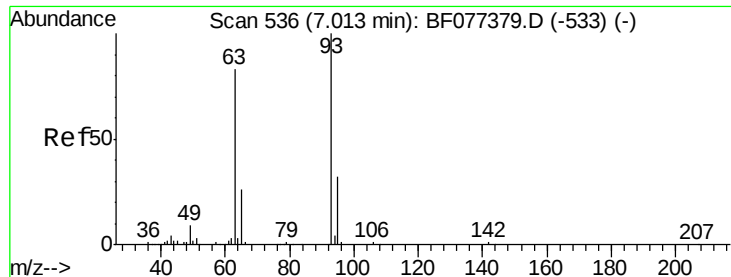


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

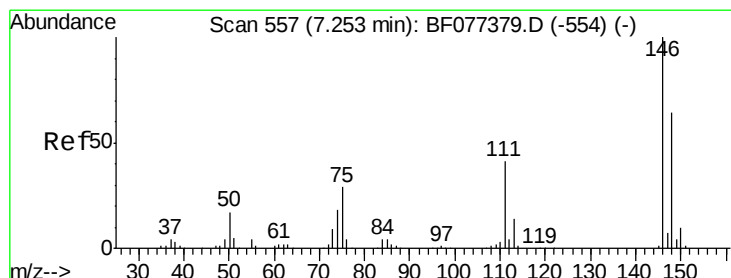
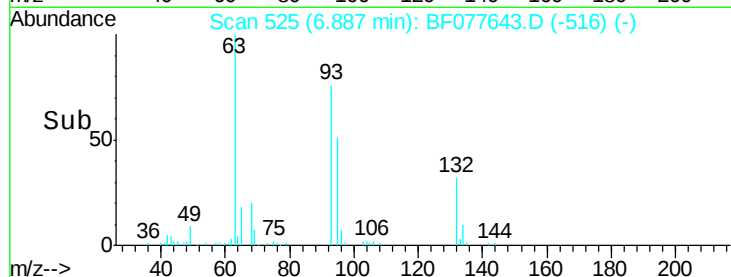
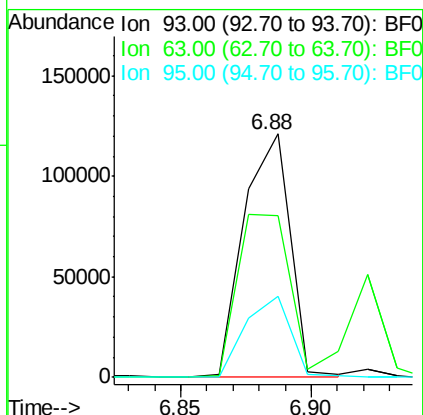
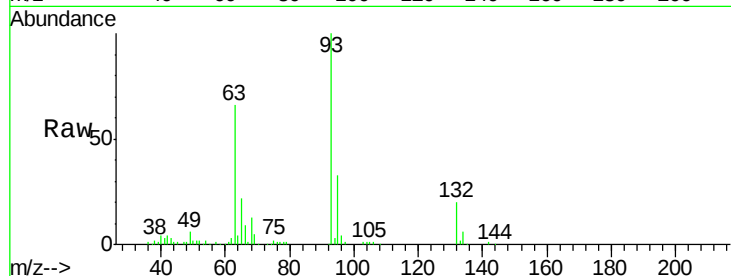




#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 6.88 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

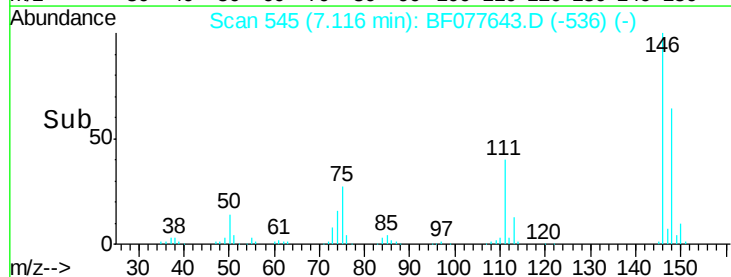
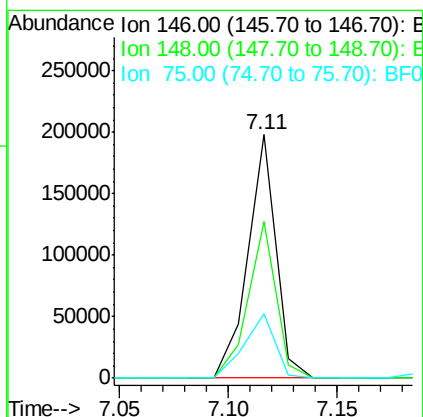
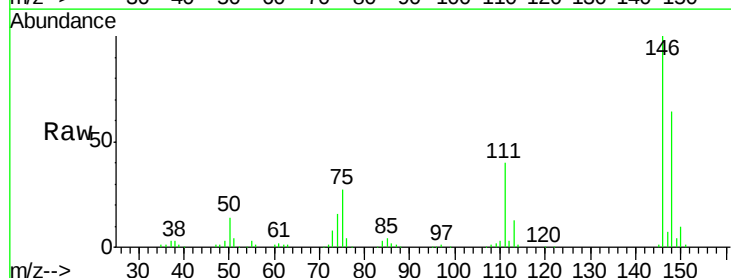
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

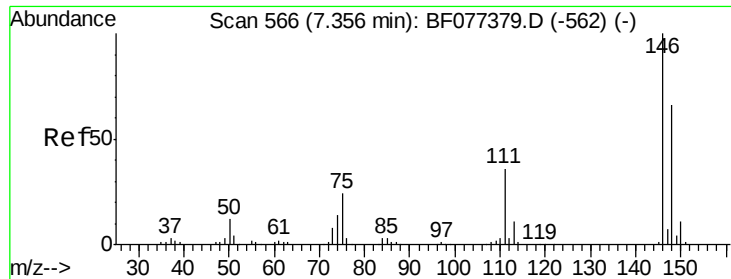
Tgt Ion: 93 Resp: 149729
Ion Ratio Lower Upper
93 100
63 66.3 48.7 88.7
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.42 ng
RT: 7.11 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 146 Resp: 176739
Ion Ratio Lower Upper
146 100
148 64.1 49.8 74.8
75 26.6 28.2 42.4#

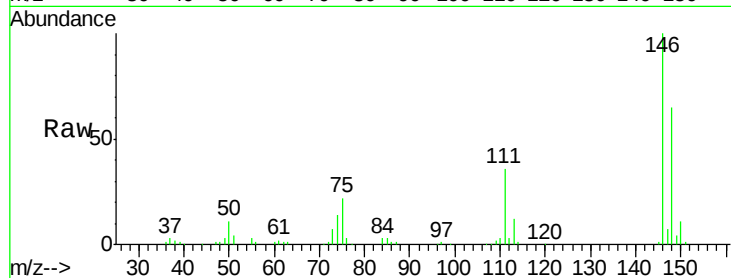




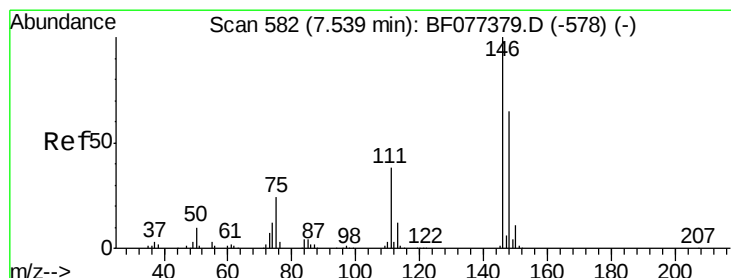
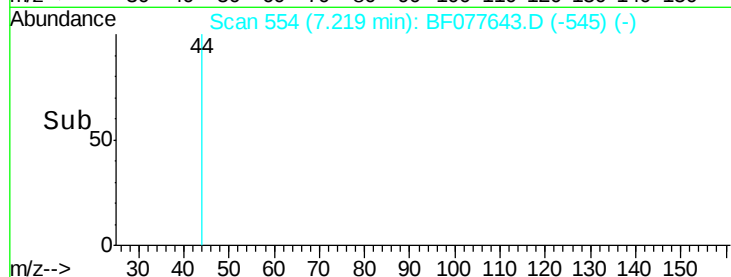
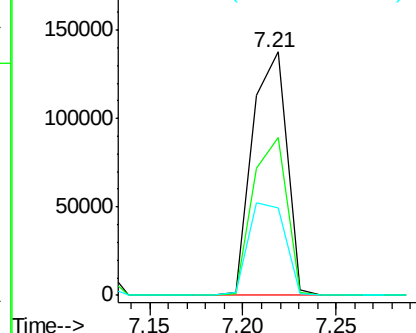
#13
 1,4-Dichlorobenzene
 Concen: 38.44 ng
 RT: 7.21 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:146 Resp: 175300
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 36.1 31.9 47.9

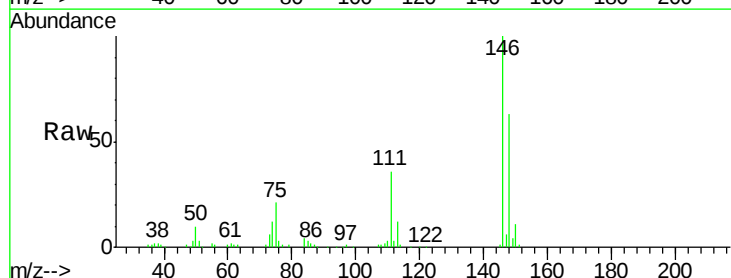


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

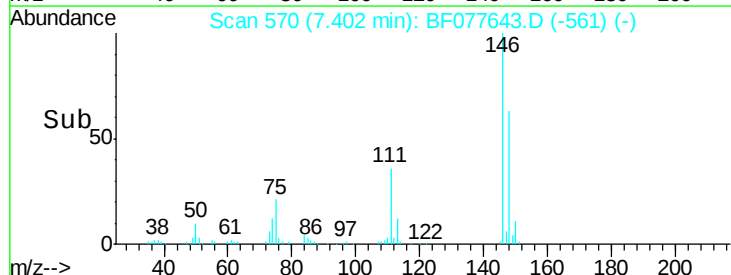
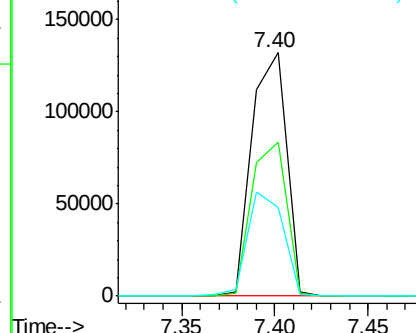


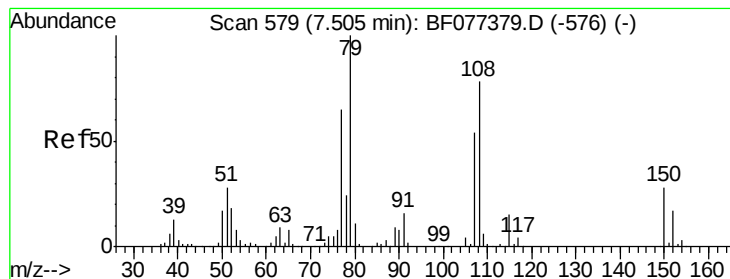
#14
 1,2-Dichlorobenzene
 Concen: 39.30 ng
 RT: 7.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:146 Resp: 170518
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.6 77.4
 111 36.2 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: 40.80 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

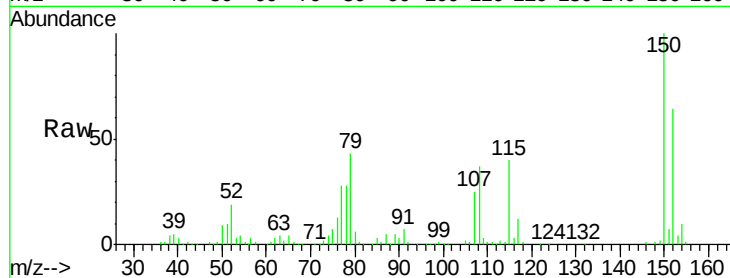
Tgt Ion: 79 Resp: 139169

Ion Ratio Lower Upper

79 100

108 86.0 58.3 87.5

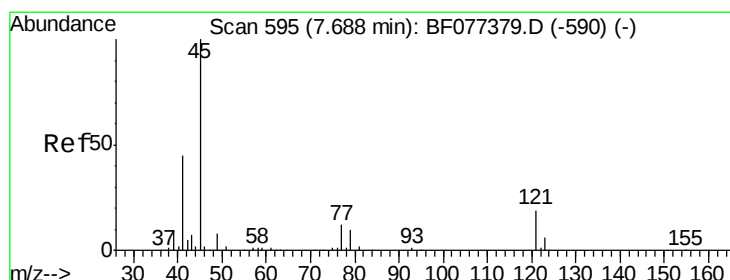
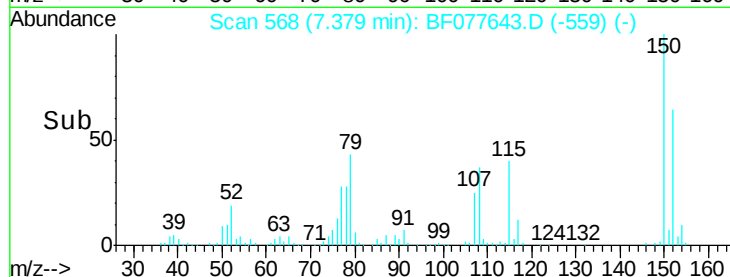
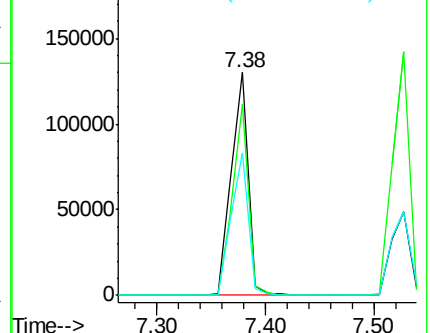
77 63.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.47 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

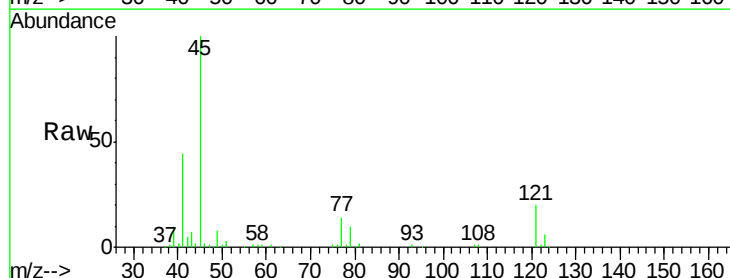
Tgt Ion: 45 Resp: 204917

Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.6

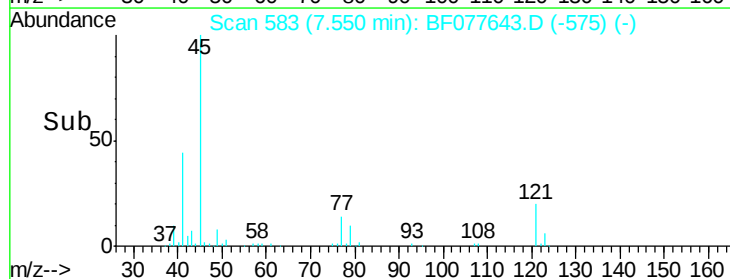
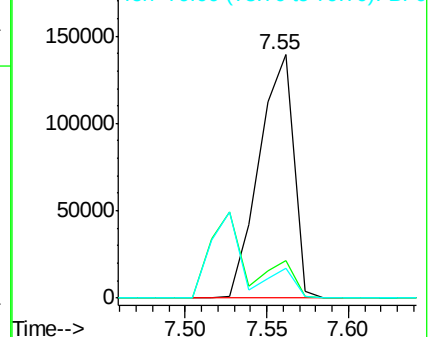
79 9.9 0.0 31.5

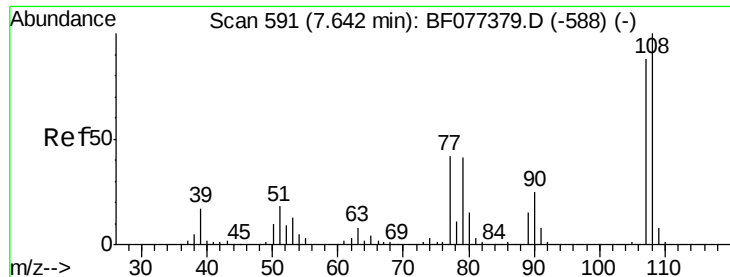


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

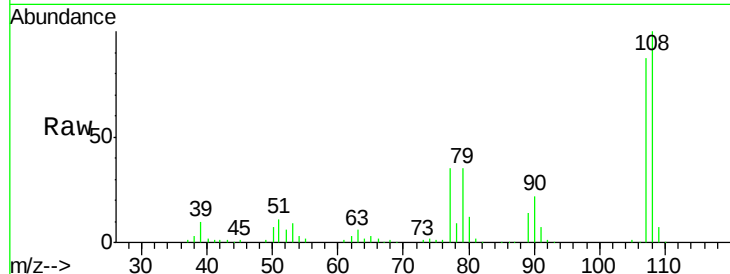




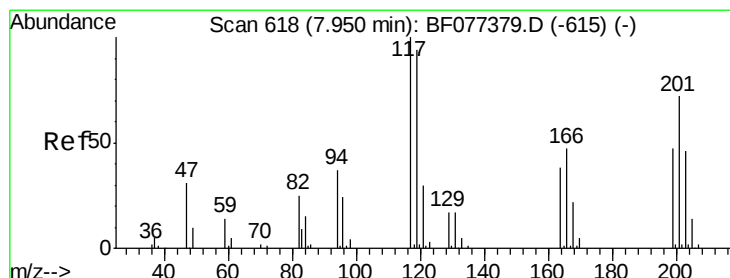
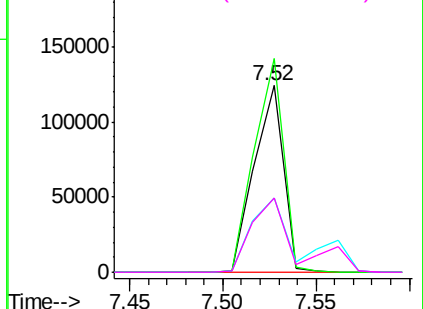
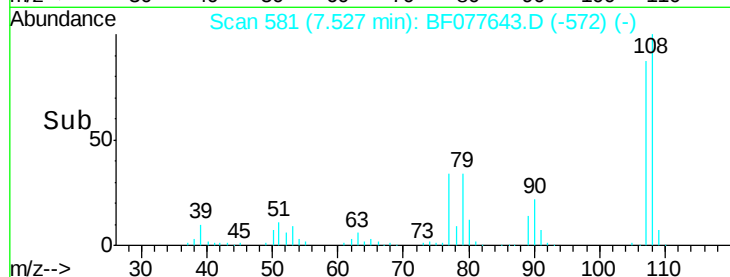
#17
2-Methylphenol
Concen: 41.69 ng
RT: 7.52 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion:107 Resp: 134152
Ion Ratio Lower Upper
107 100
108 114.4 91.2 136.8
77 39.5 33.6 50.4
79 39.5 32.1 48.1

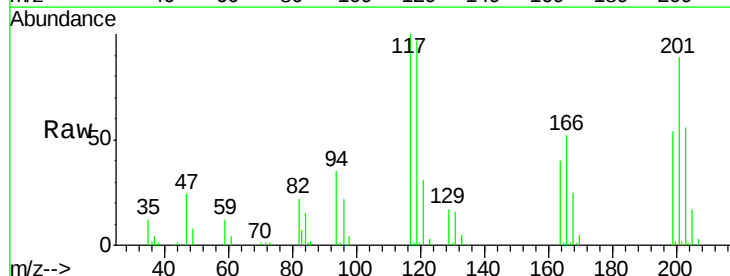


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

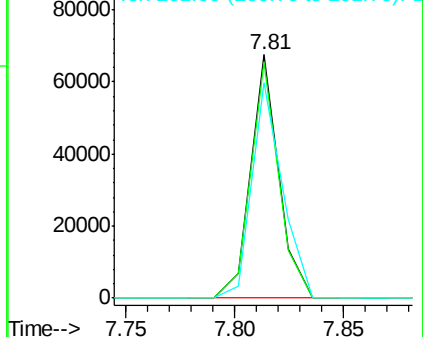
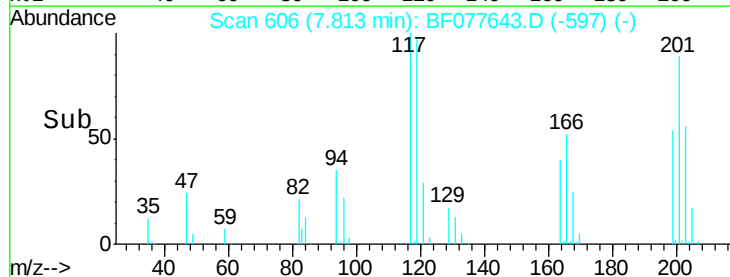


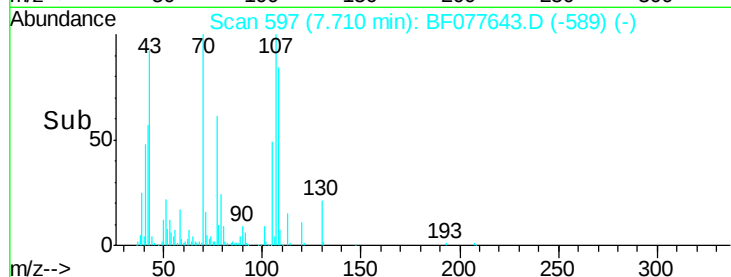
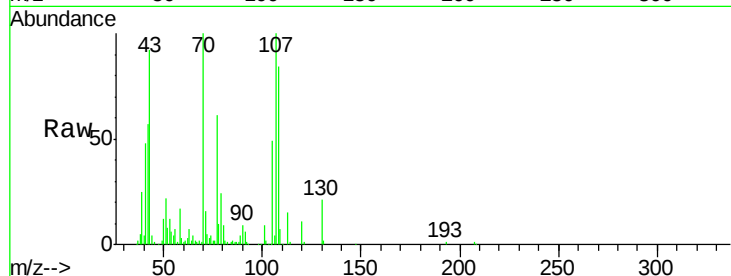
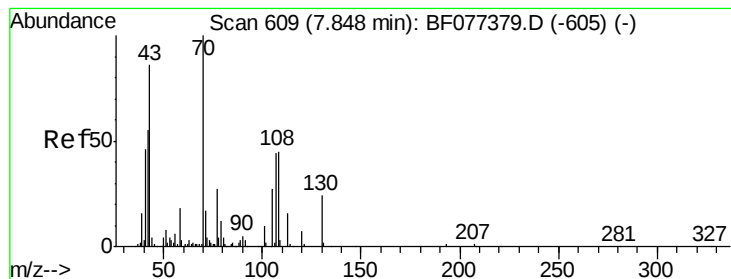
#18
Hexachloroethane
Concen: 39.70 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:117 Resp: 60469
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.8
201 88.6 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: 40.54 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

Tgt Ion: 70 Resp: 115532

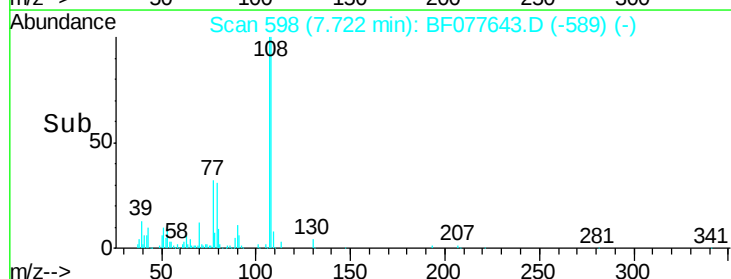
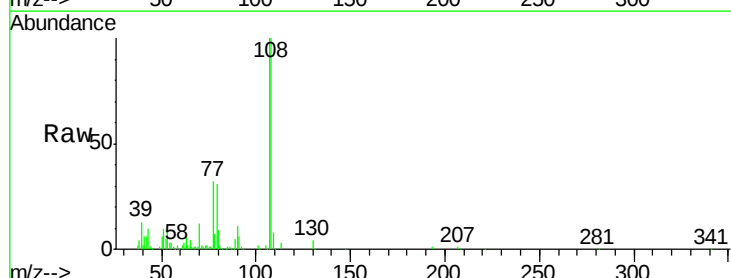
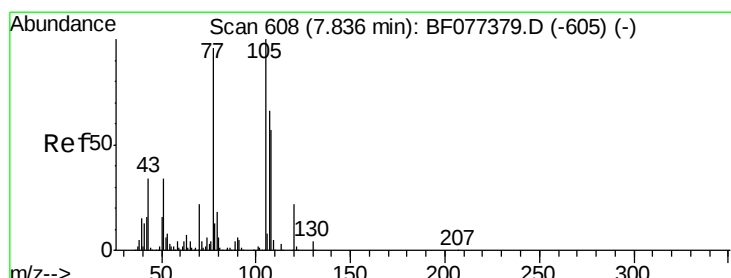
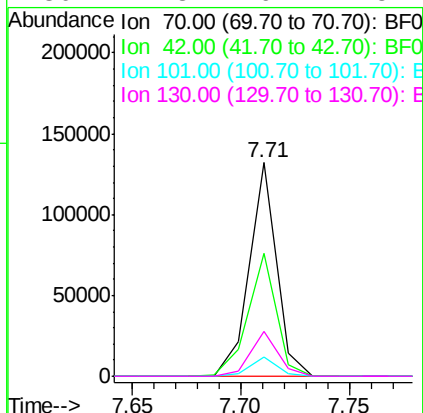
Ion Ratio Lower Upper

70 100

42 57.6 48.3 72.5

101 9.1 7.5 11.3

130 21.3 16.7 25.1



#20

3+4-Methylphenols

Concen: 42.91 ng

RT: 7.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Tgt Ion: 107 Resp: 181852

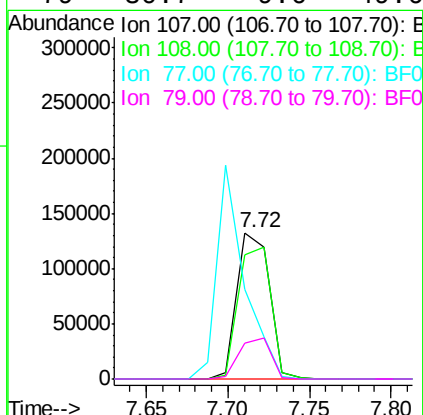
Ion Ratio Lower Upper

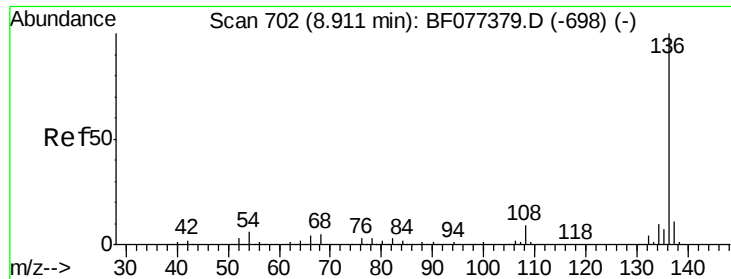
107 100

108 100.0 76.8 116.8

77 31.6 65.8 105.8#

79 30.7 9.6 49.6

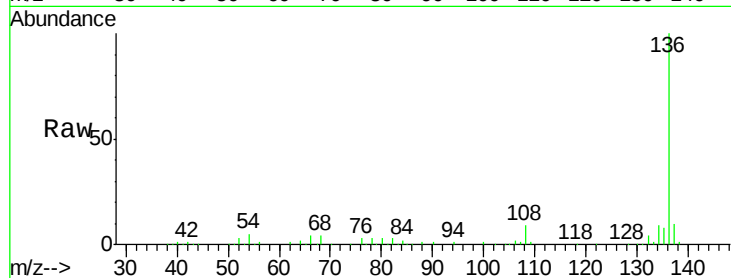




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion:	136	Resp:	240296
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	5.4	6.2	9.4#
68	4.4	5.0	7.6#



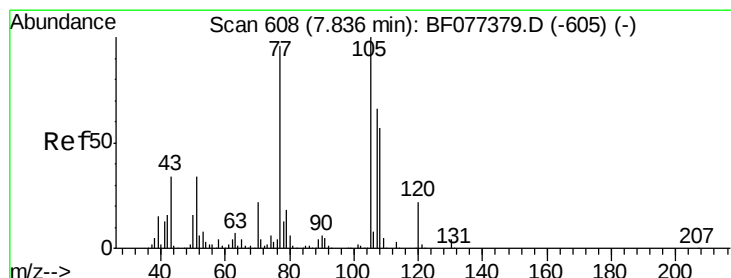
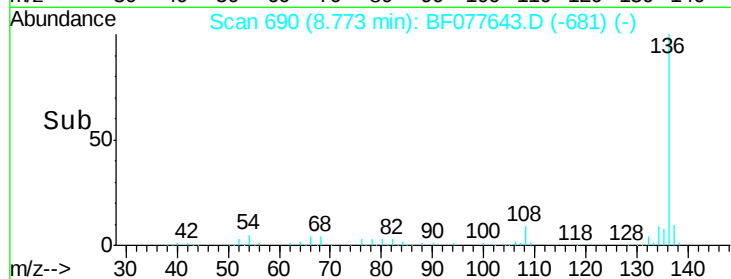
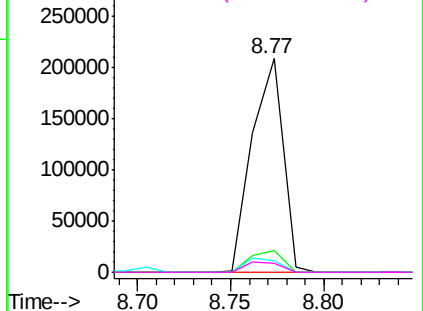
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

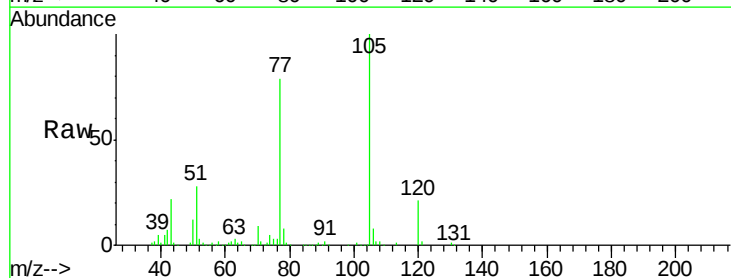
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.01 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:	105	Resp:	226150
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.7	2.5#
51	27.7	30.7	46.1#
120	21.0	16.7	25.1



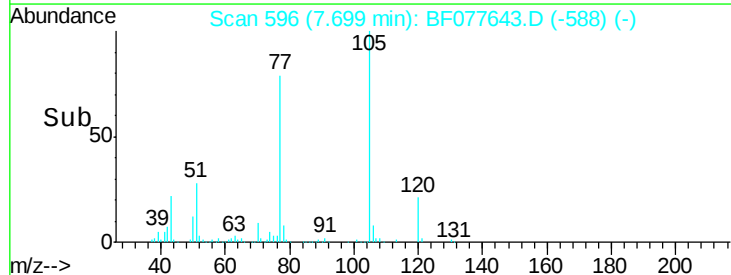
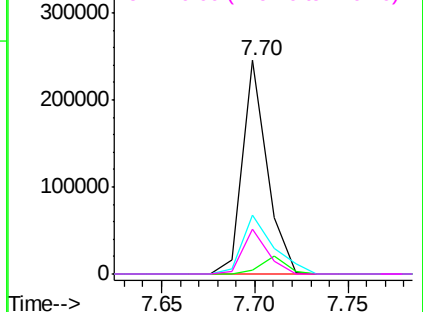
Abundance

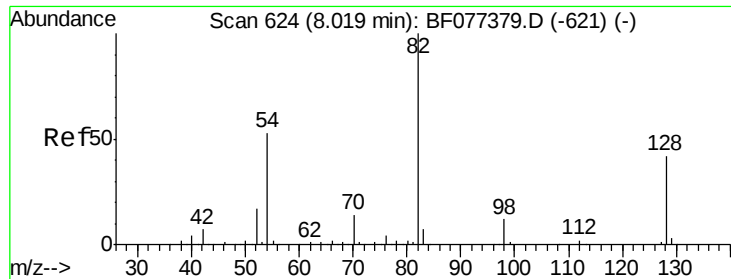
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

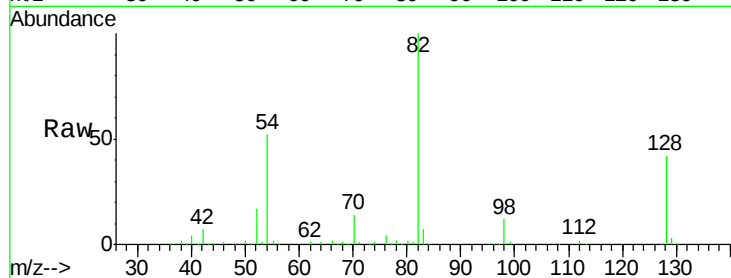




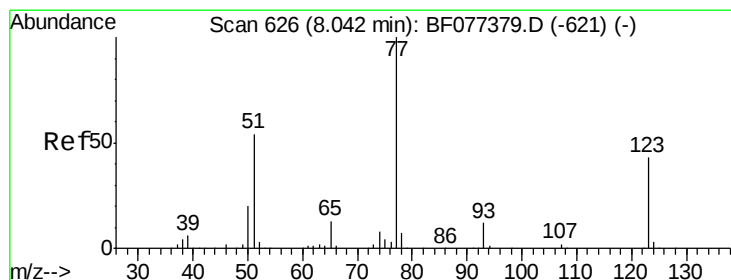
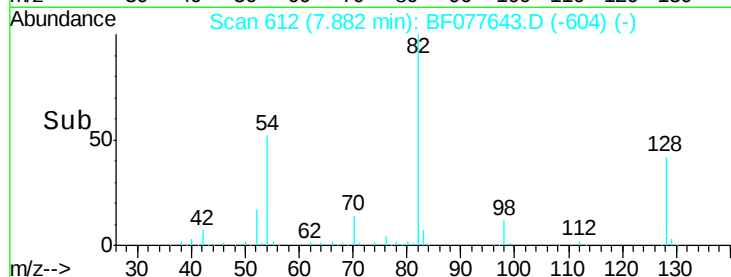
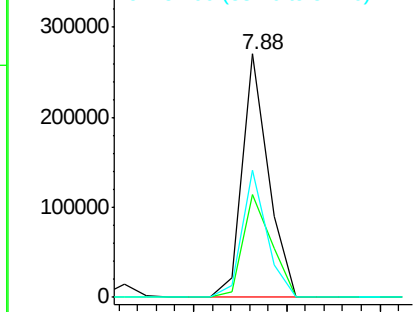
#23
Nitrobenzene-d5
Concen: 68.02 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion: 82 Resp: 262860
Ion Ratio Lower Upper
82 100
128 42.2 43.8 65.8#
54 52.1 36.7 55.1

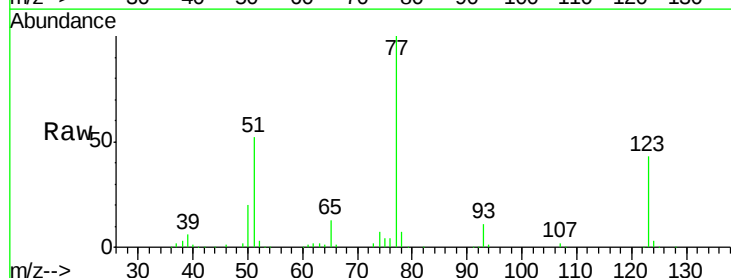


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

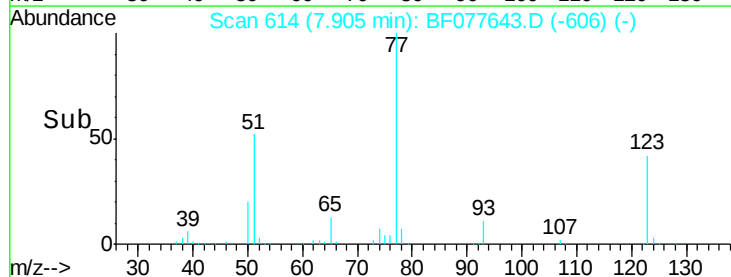
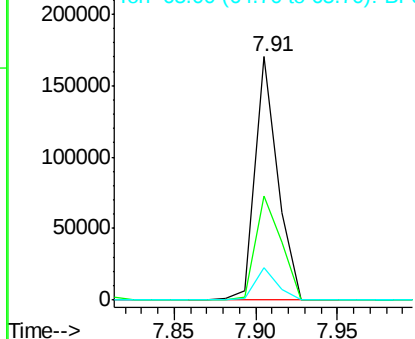


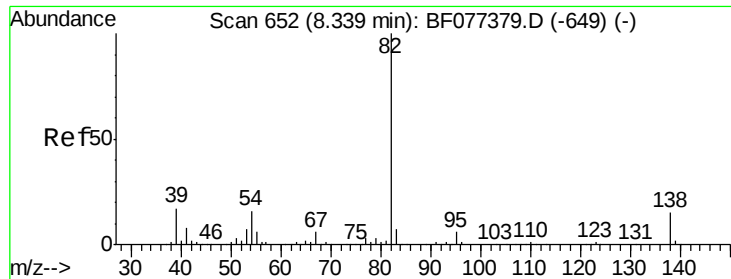
#24
Nitrobenzene
Concen: 40.49 ng
RT: 7.91 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 77 Resp: 164619
Ion Ratio Lower Upper
77 100
123 42.9 45.9 68.9#
65 13.1 9.5 14.3



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





#25

Isophorone

Concen: 39.31 ng

RT: 8.21 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

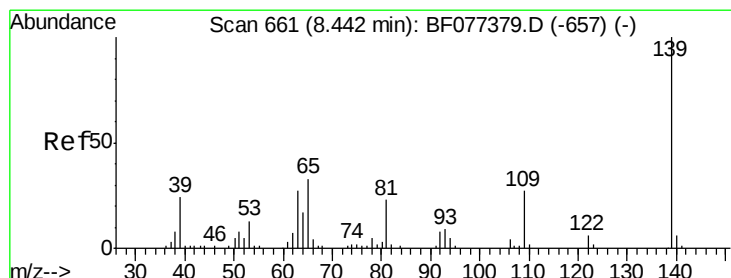
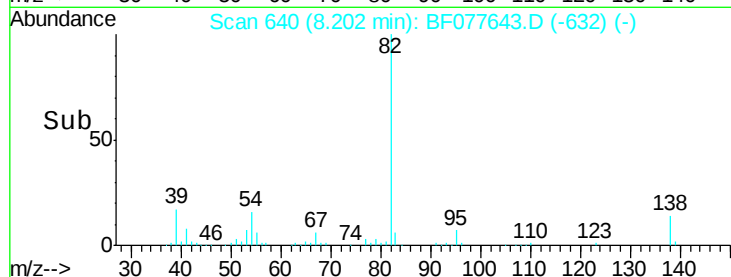
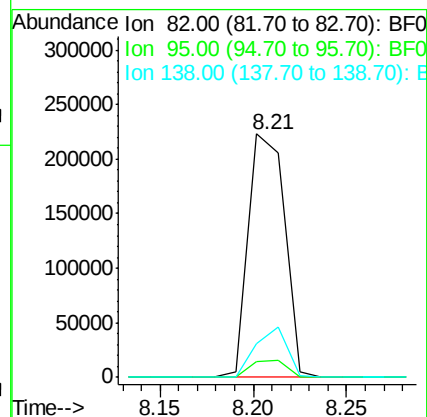
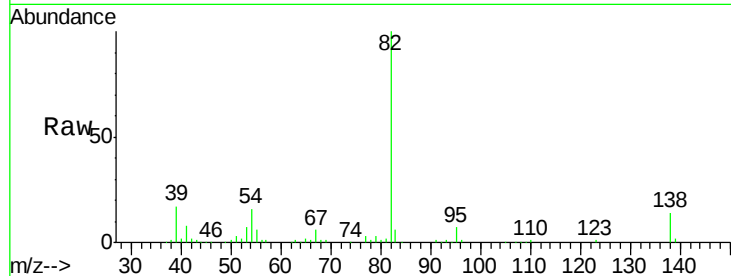
Tgt Ion: 82 Resp: 301399

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

138 14.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 49.82 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

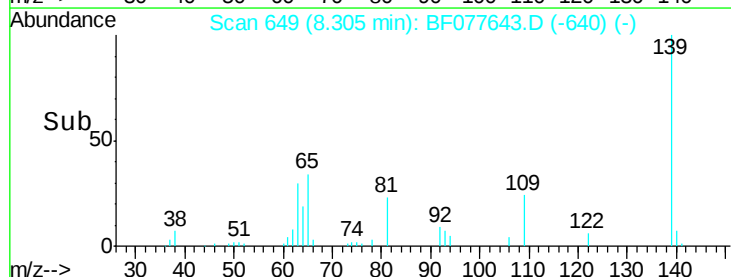
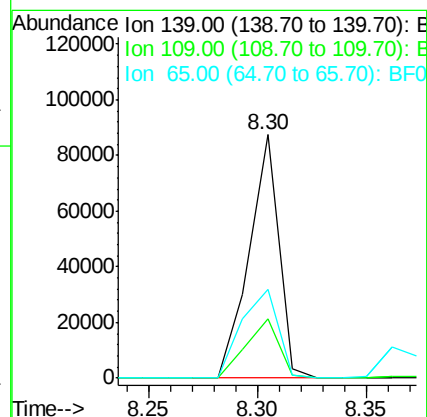
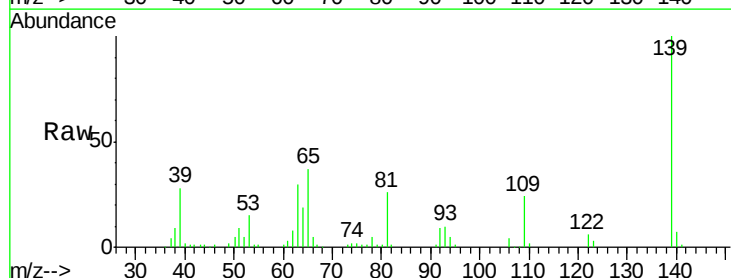
Tgt Ion: 139 Resp: 83013

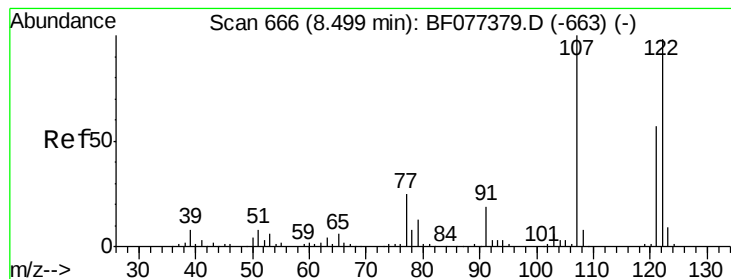
Ion Ratio Lower Upper

139 100

109 24.3 22.6 34.0

65 36.5 36.4 54.6

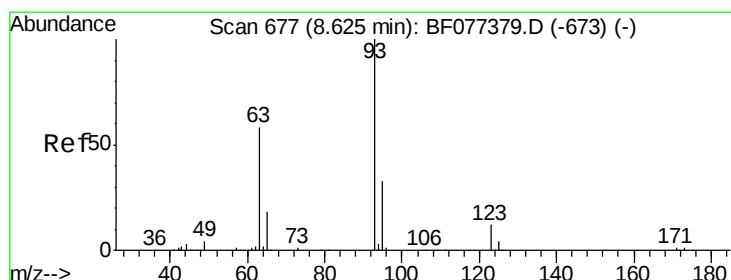
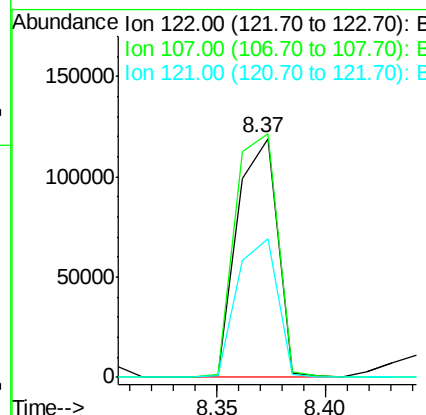
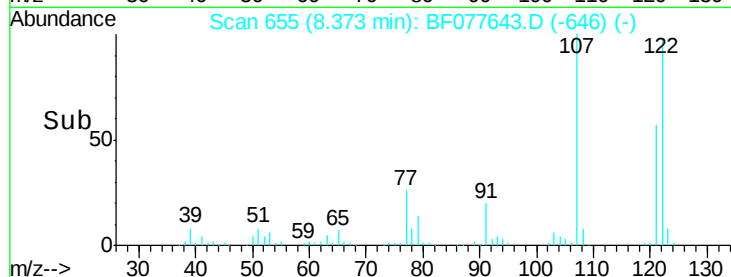
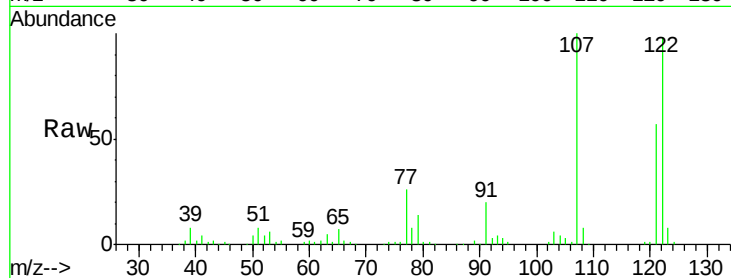




#27
 2,4-Dimethylphenol
 Concen: 40.93 ng
 RT: 8.37 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

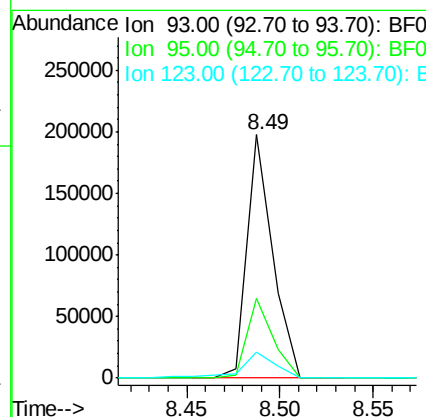
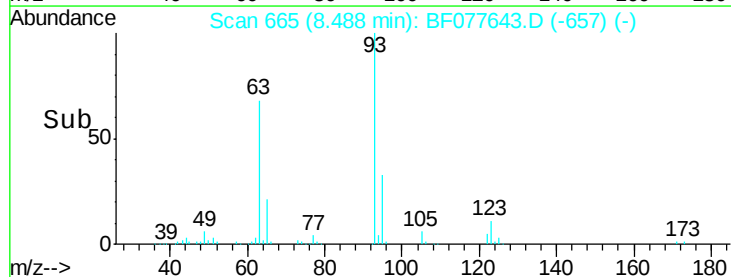
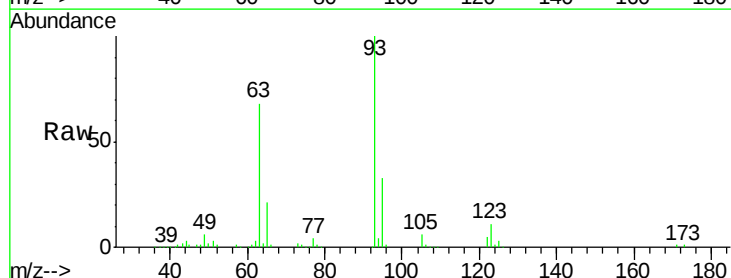
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

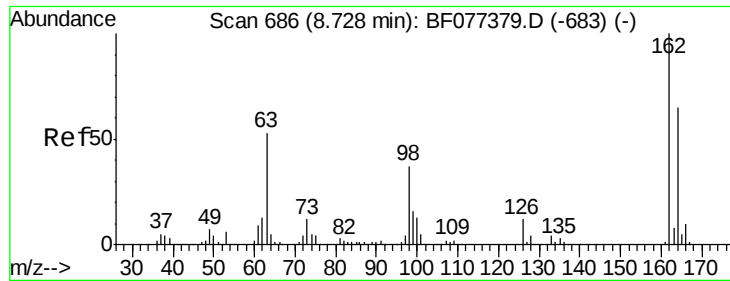
Tgt Ion:122 Resp: 152590
 Ion Ratio Lower Upper
 122 100
 107 102.0 86.6 130.0
 121 58.2 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.94 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion: 93 Resp: 188597
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 10.6 8.7 13.1

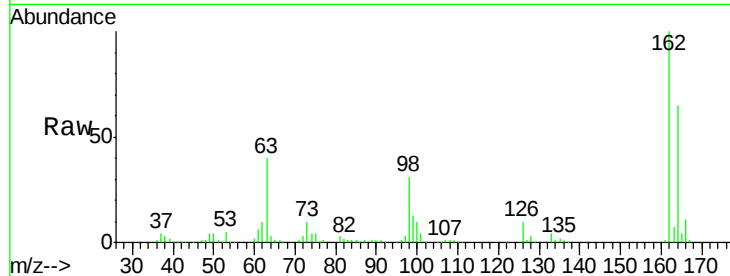




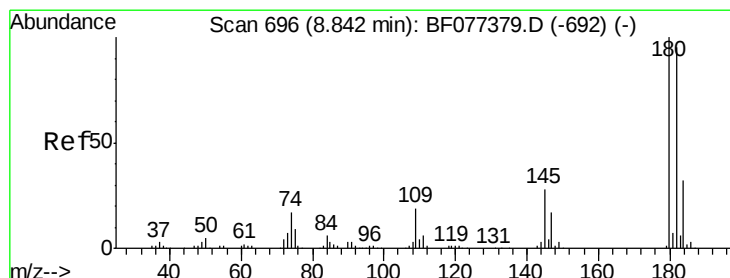
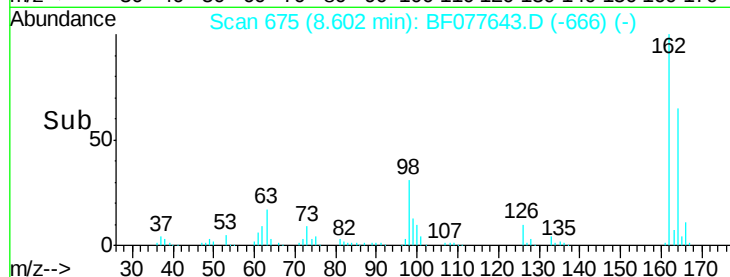
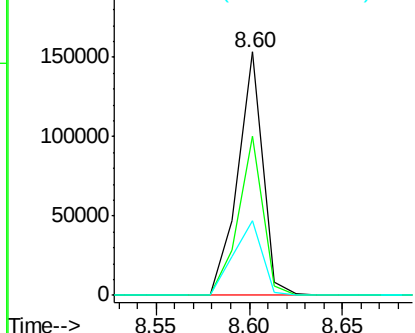
#29
 2,4-Dichlorophenol
 Concen: 41.06 ng
 RT: 8.60 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:162 Resp: 143684
 Ion Ratio Lower Upper
 162 100
 164 65.3 46.4 86.4
 98 30.7 6.9 46.9

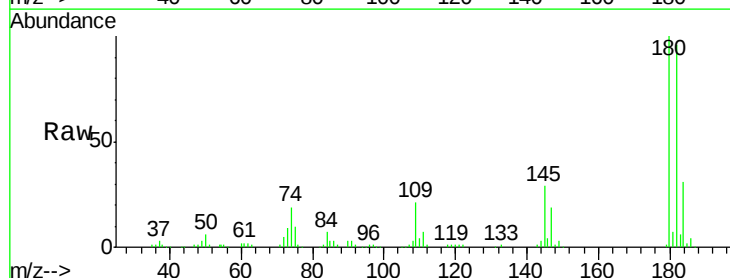


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

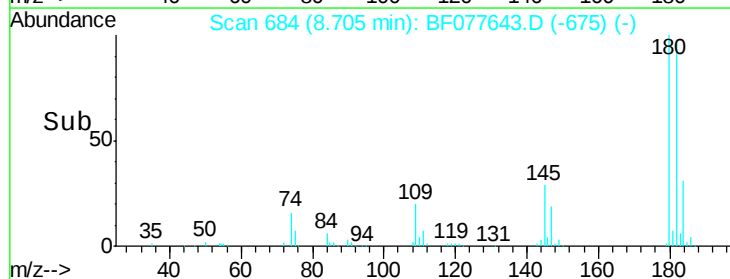
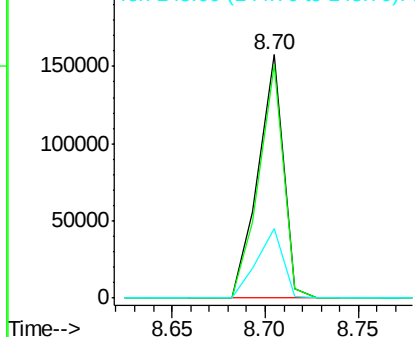


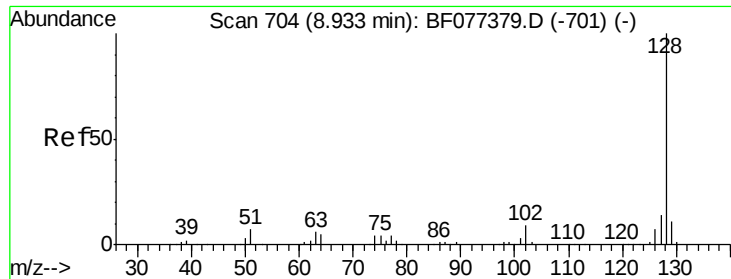
#30
 1,2,4-Trichlorobenzene
 Concen: 39.23 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:180 Resp: 150928
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 145 28.6 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

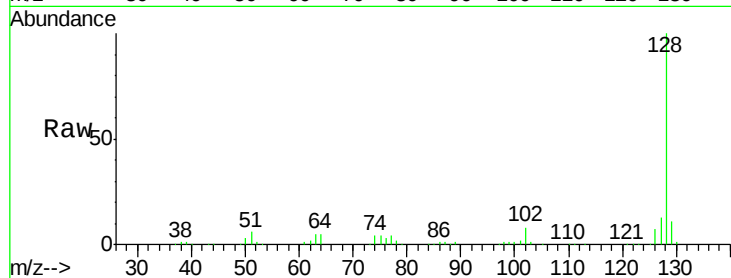




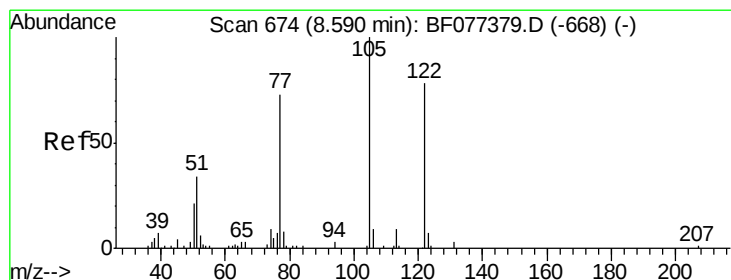
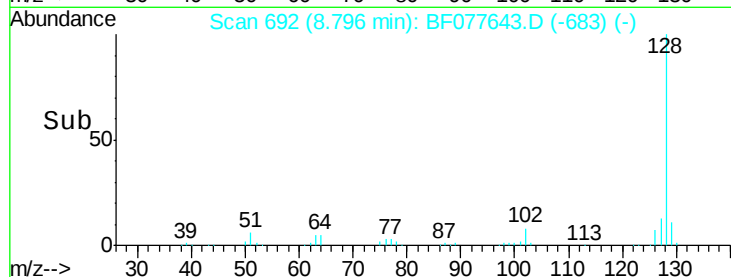
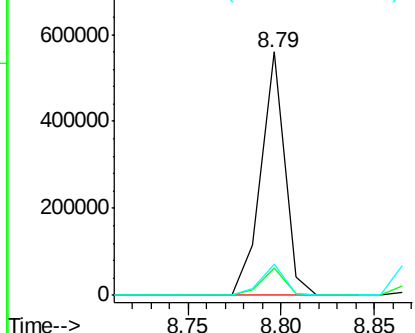
#31
Naphthalene
Concen: 41.04 ng
RT: 8.79 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion:128 Resp: 493157
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 10.6 15.8

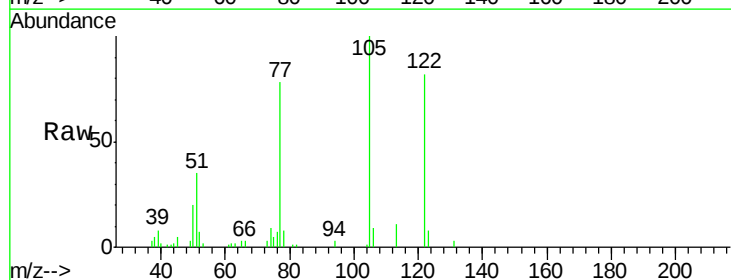


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

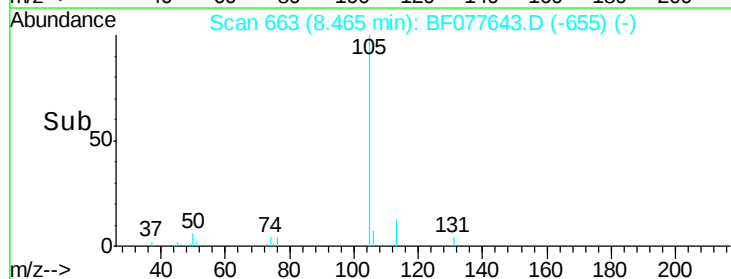
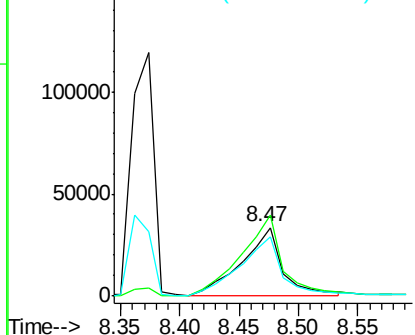


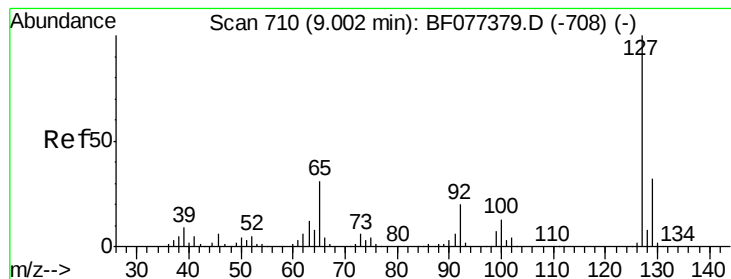
#32
Benzoic acid
Concen: 43.20 ng
RT: 8.47 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:122 Resp: 78258
Ion Ratio Lower Upper
122 100
105 122.2 100.3 140.3
77 95.5 68.7 108.7



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





#33

4-Chloroaniline

Concen: 18.44 ng

RT: 8.87 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampled :

PB82019BSD

Tgt Ion:127 Resp: 98510

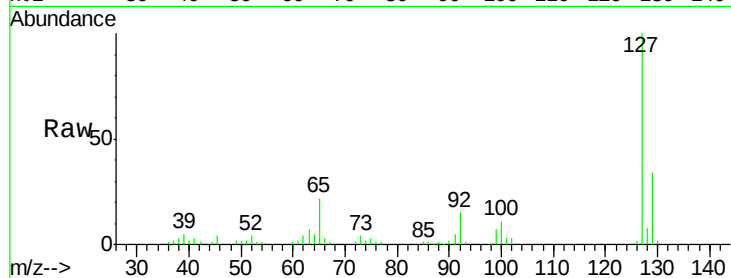
Ion Ratio Lower Upper

127 100

129 33.8 26.9 40.3

65 21.8 16.7 25.1

92 15.4 12.5 18.7

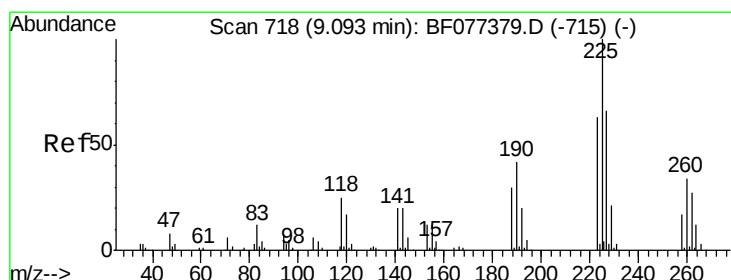
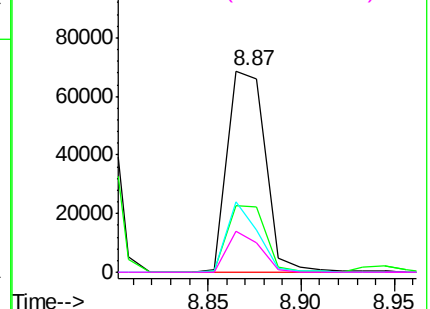
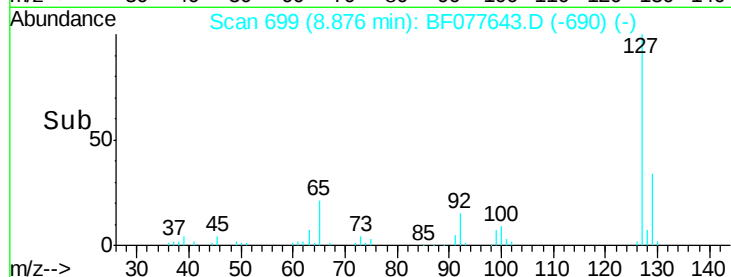


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.70 ng

RT: 8.95 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

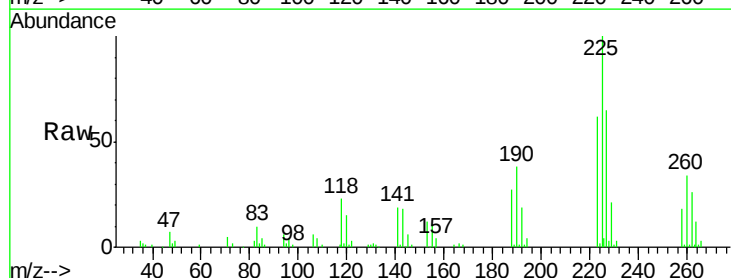
Tgt Ion:225 Resp: 80623

Ion Ratio Lower Upper

225 100

223 62.1 49.5 74.3

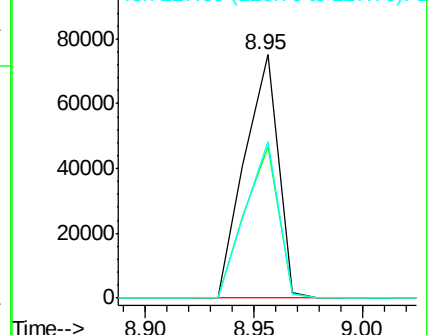
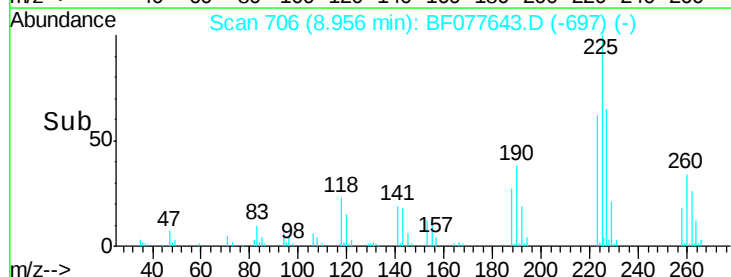
227 64.5 50.5 75.7

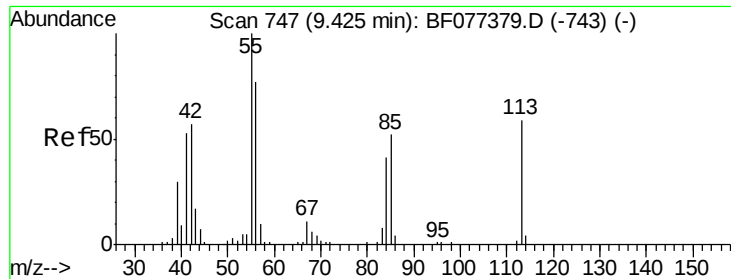


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

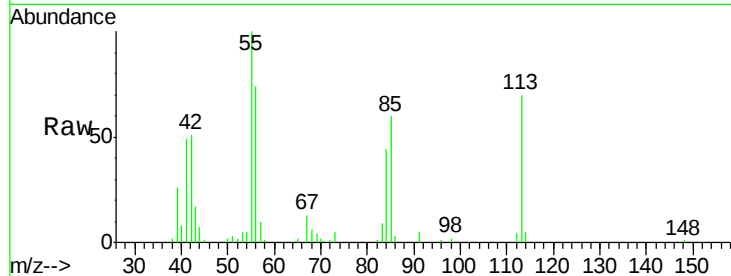




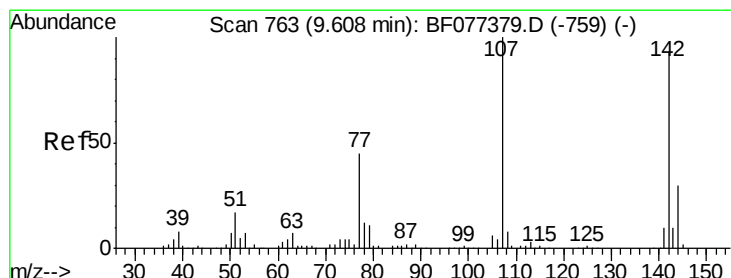
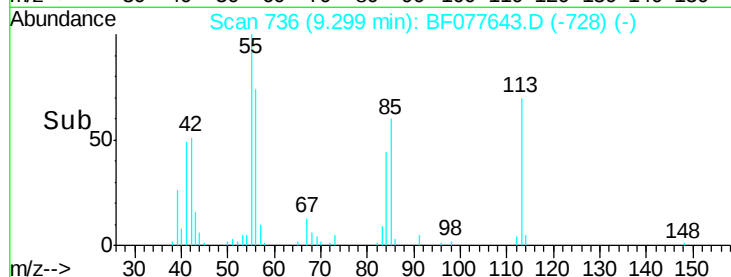
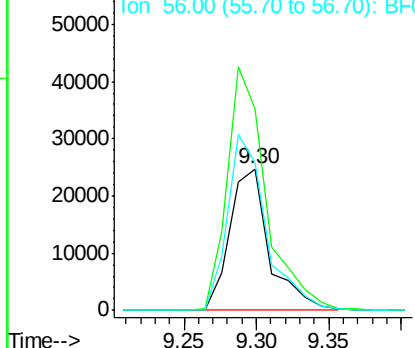
#35
 Caprolactam
 Concen: 44.07 ng
 RT: 9.30 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:113 Resp: 47076
 Ion Ratio Lower Upper
 113 100
 55 142.1 154.6 194.6#
 56 104.7 114.0 154.0#

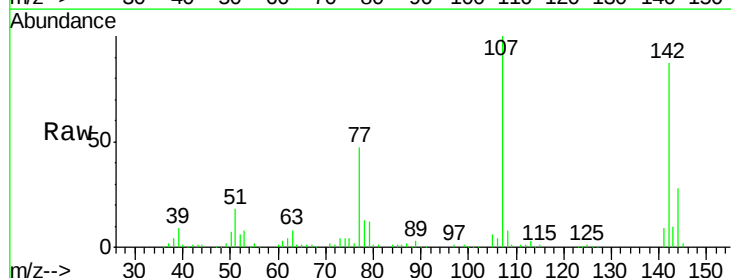


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

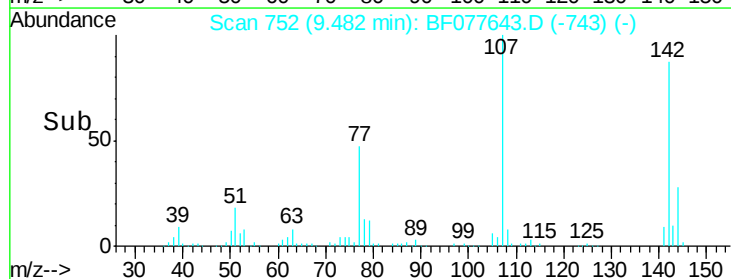
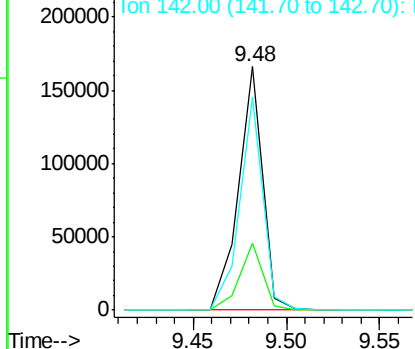


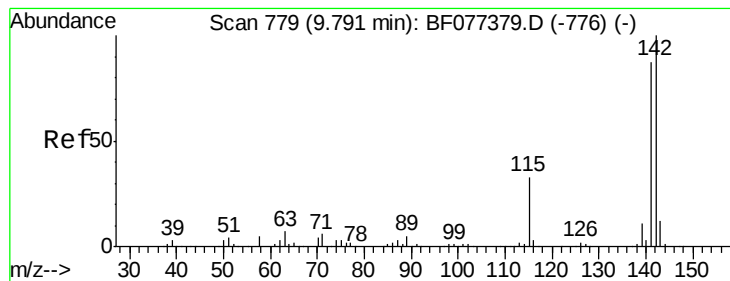
#36
 4-Chloro-3-methylphenol
 Concen: 43.12 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:107 Resp: 151702
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.1 31.7
 142 87.3 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: 40.00 ng

RT: 9.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

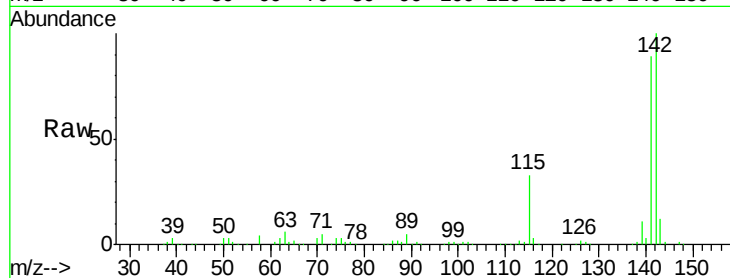
Tgt Ion:142 Resp: 341357

Ion Ratio Lower Upper

142 100

141 89.3 70.7 106.1

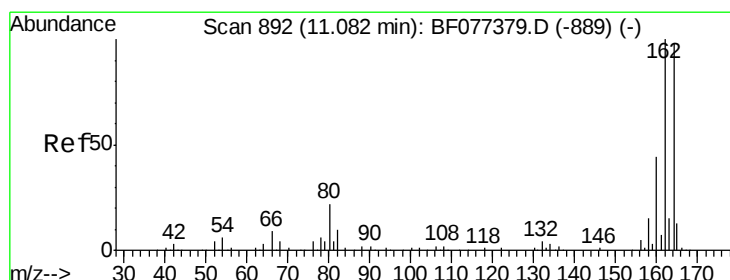
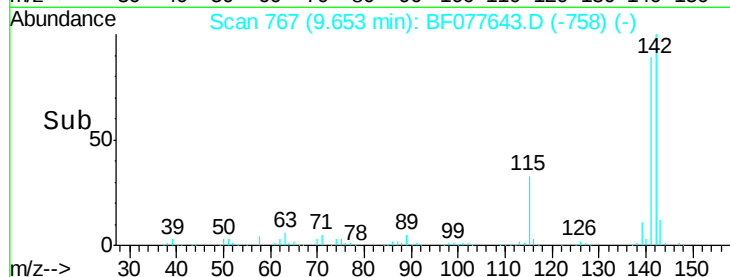
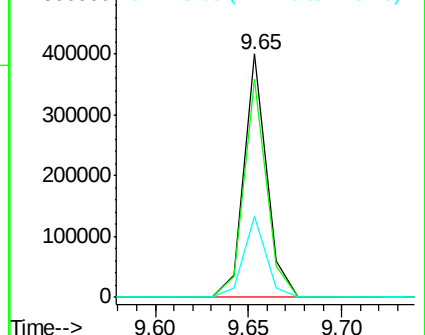
115 33.1 24.2 36.4



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# 879

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

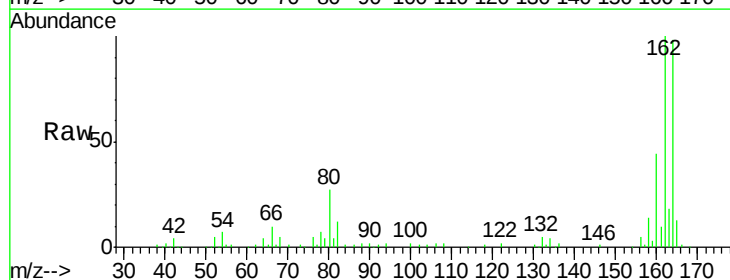
Tgt Ion:164 Resp: 117624

Ion Ratio Lower Upper

164 100

162 102.2 83.2 124.8

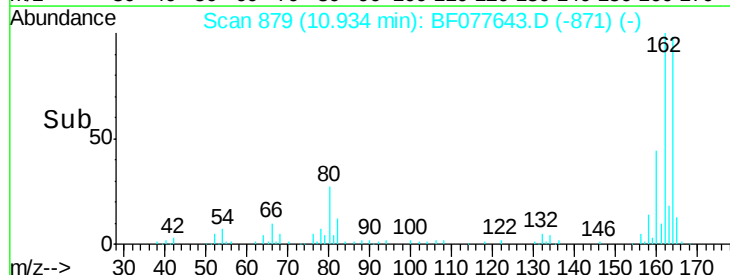
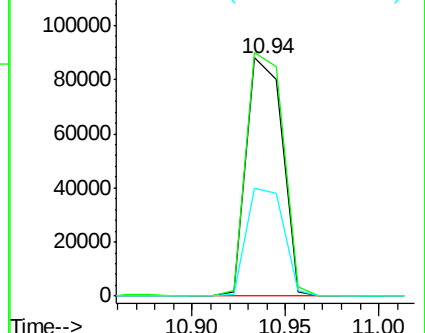
160 45.1 34.6 52.0

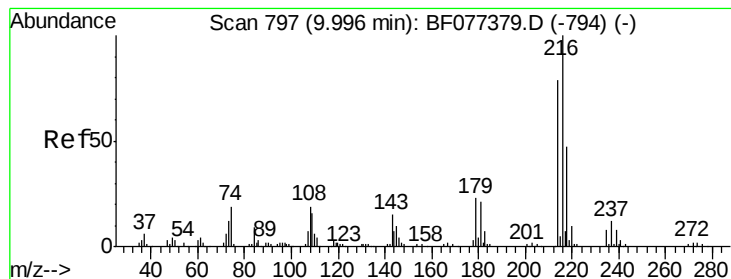


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.56 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

Tgt Ion:216 Resp: 147021

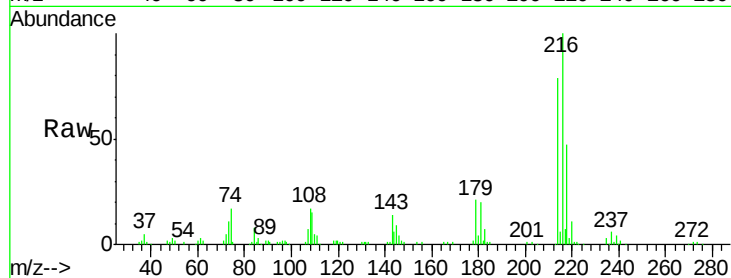
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.2 16.6 25.0

108 21.2 14.2 21.4

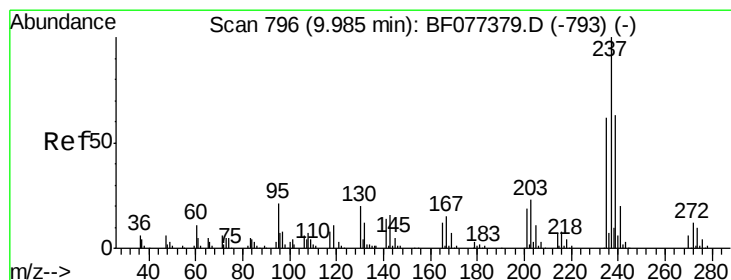
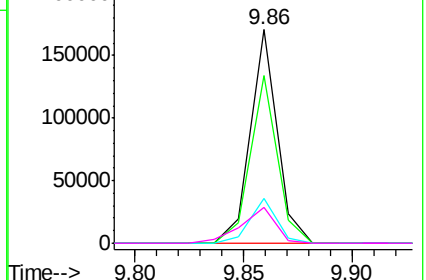
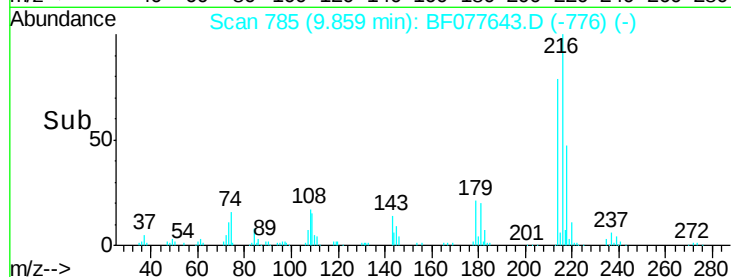


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.25 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

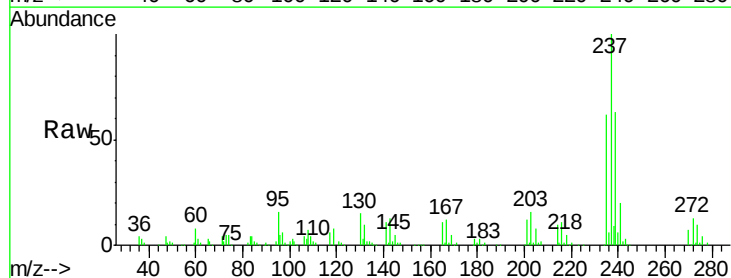
Tgt Ion:237 Resp: 148855

Ion Ratio Lower Upper

237 100

235 61.9 41.0 81.0

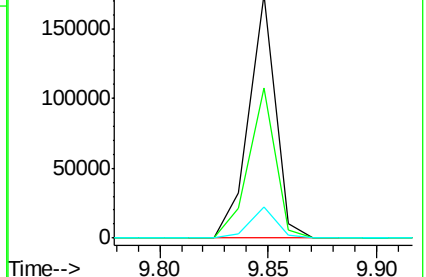
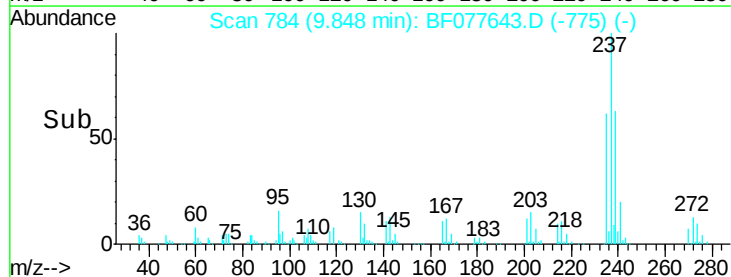
272 12.6 0.0 34.3

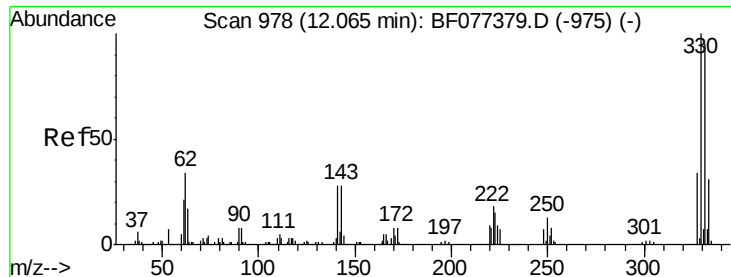


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

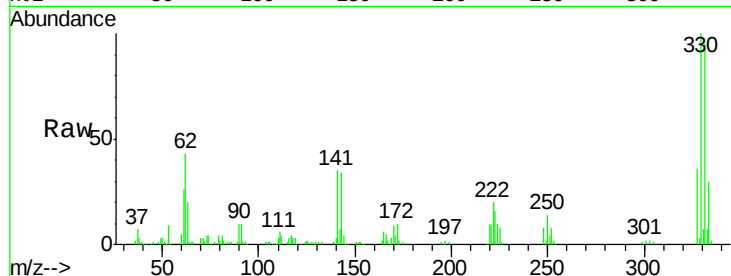




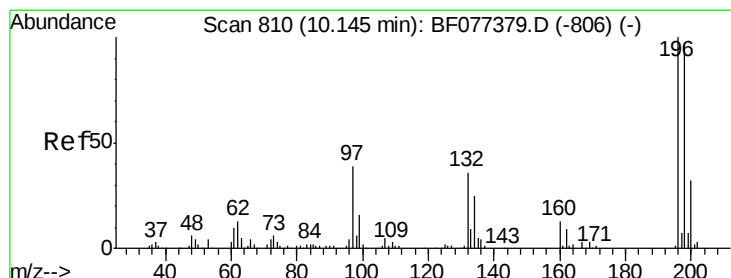
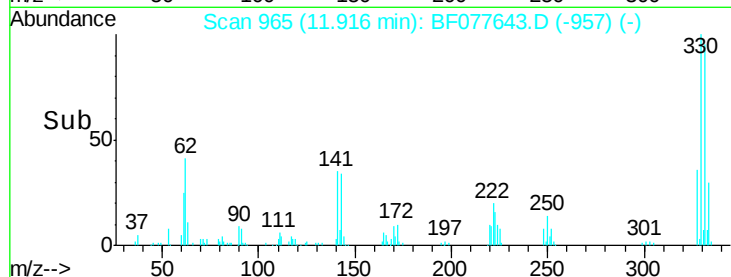
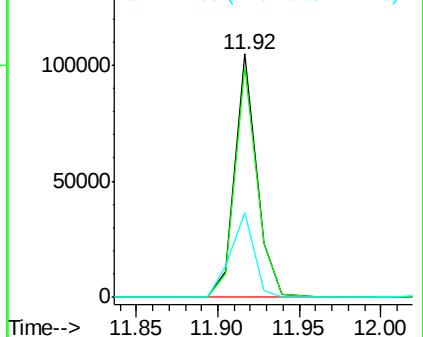
#41
 2,4,6-Tribromophenol
 Concen: 85.61 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:330 Resp: 96955
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 37.7 28.8 43.2

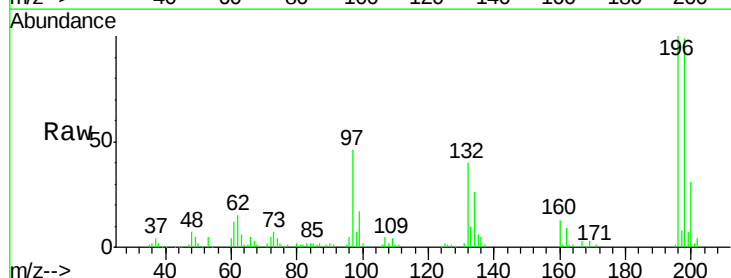


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

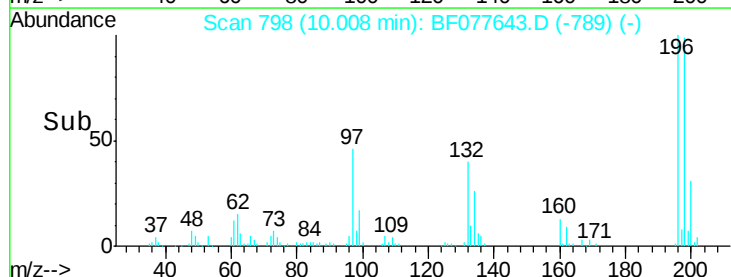
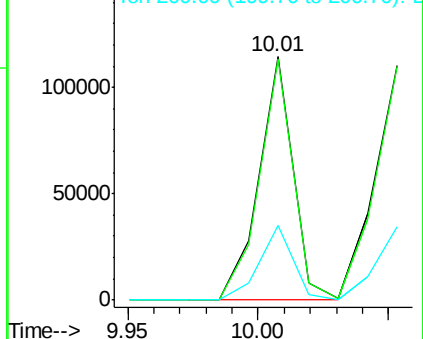


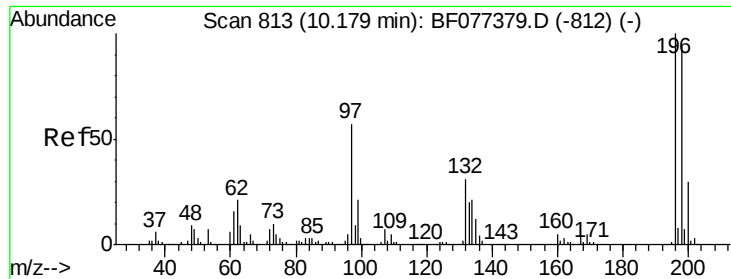
#42
 2,4,6-Trichlorophenol
 Concen: 46.43 ng
 RT: 10.01 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:196 Resp: 103770
 Ion Ratio Lower Upper
 196 100
 198 98.8 75.8 113.8
 200 30.6 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

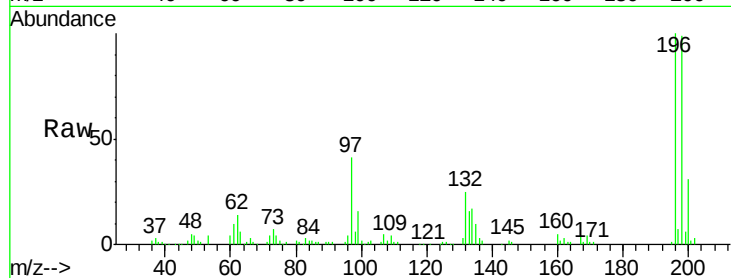




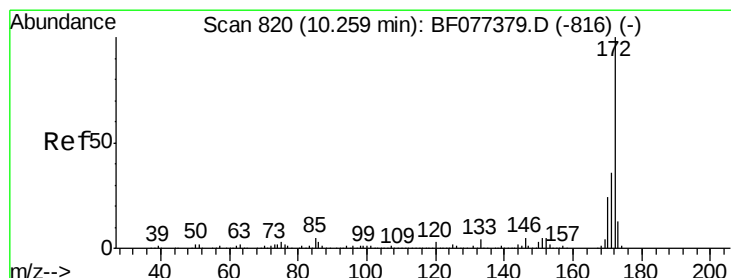
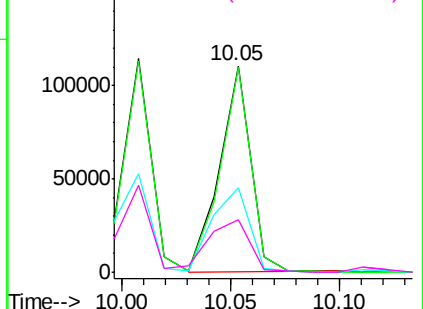
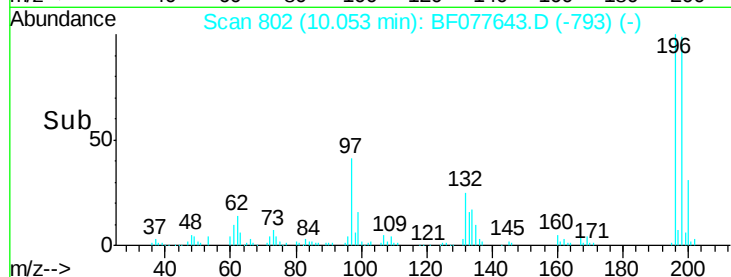
#43
 2,4,5-Trichlorophenol
 Concen: 45.79 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:196 Resp: 109438
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.2 115.8
 97 41.0 27.7 41.5
 132 25.5 18.0 27.0

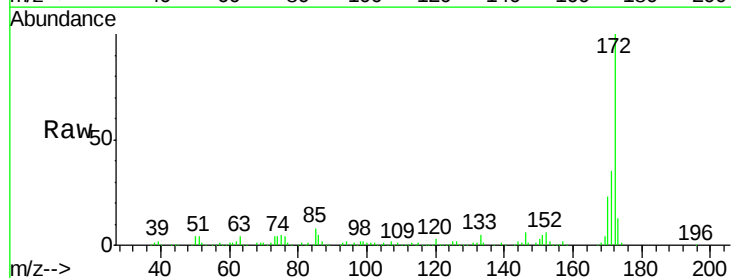


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

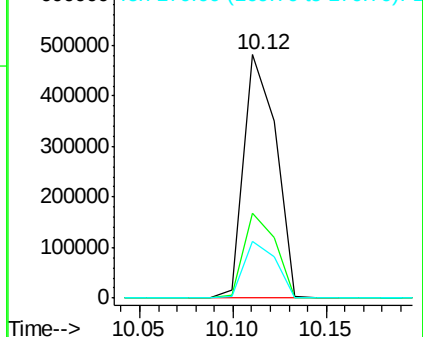
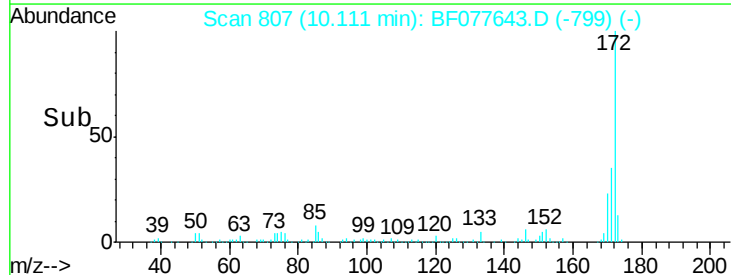


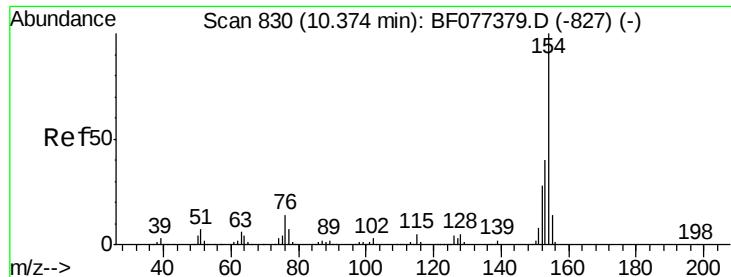
#44
 2-Fluorobiphenyl
 Concen: 77.28 ng
 RT: 10.12 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:172 Resp: 582992
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.2 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

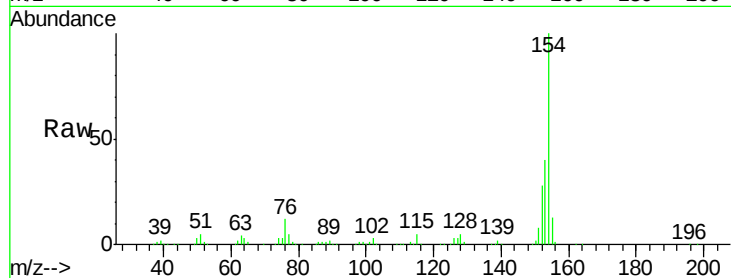




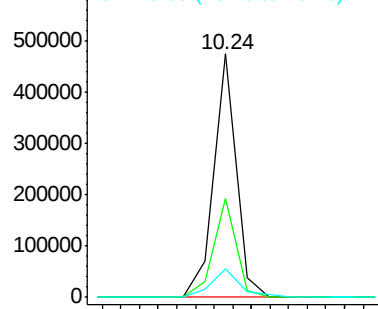
#45
1,1'-Biphenyl
Concen: 44.96 ng
RT: 10.24 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

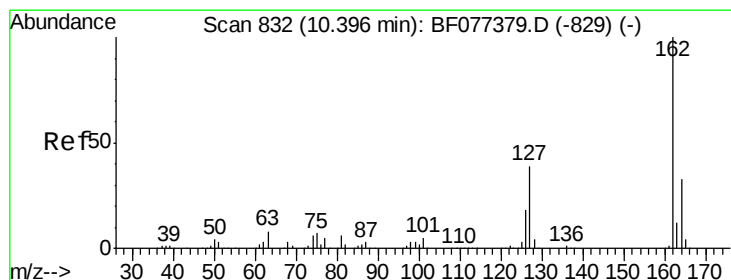
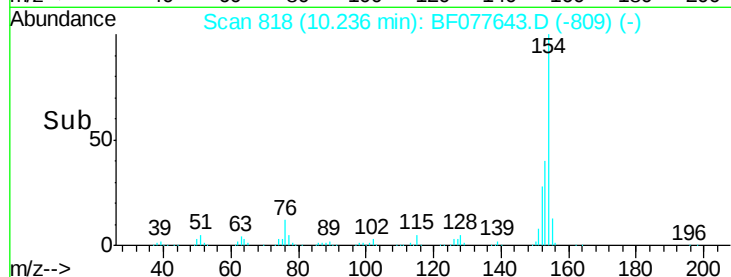
Tgt Ion:154 Resp: 400654
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 11.7 0.0 29.4



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

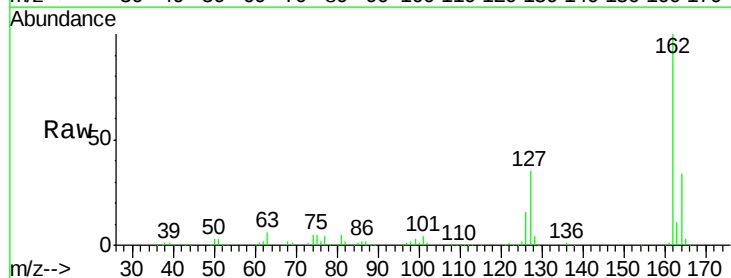


Time-->

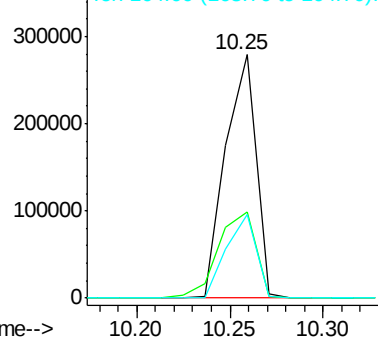


#46
2-Chloronaphthalene
Concen: 45.36 ng
RT: 10.25 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

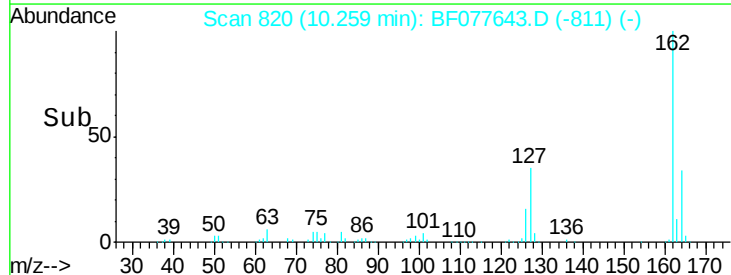
Tgt Ion:162 Resp: 317005
Ion Ratio Lower Upper
162 100
127 35.5 33.3 49.9
164 34.2 26.2 39.4

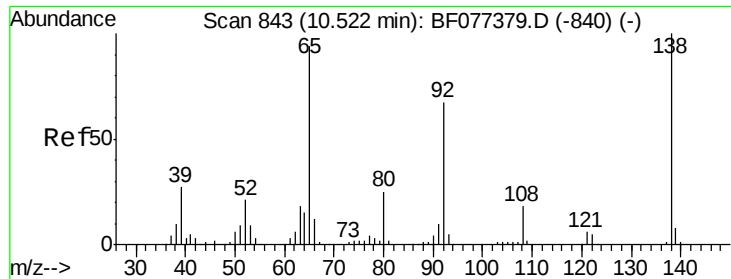


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

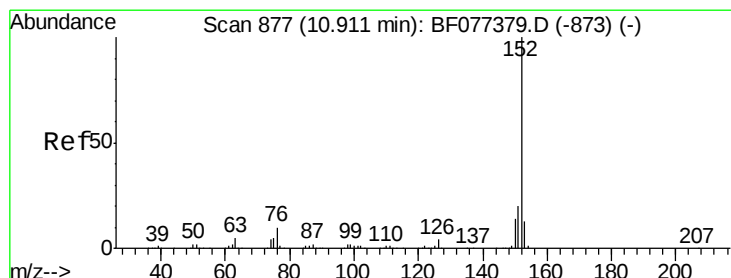
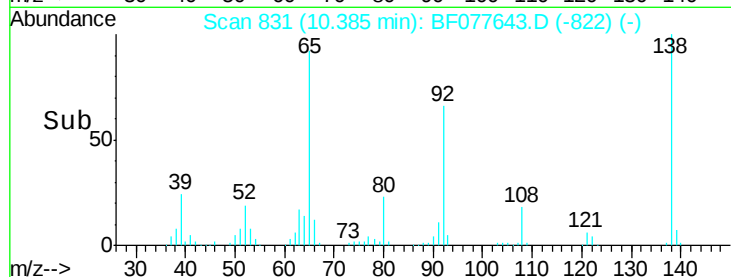
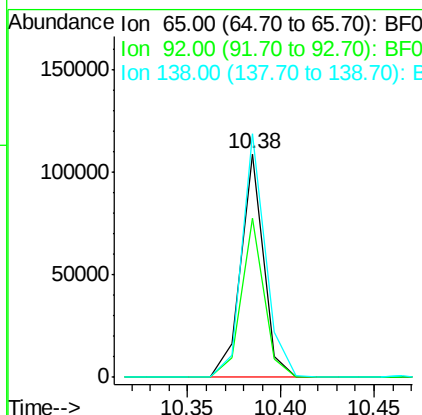
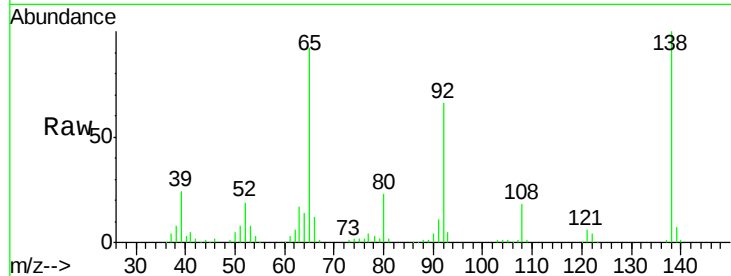




#47
 2-Nitroaniline
 Concen: 54.29 ng
 RT: 10.38 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

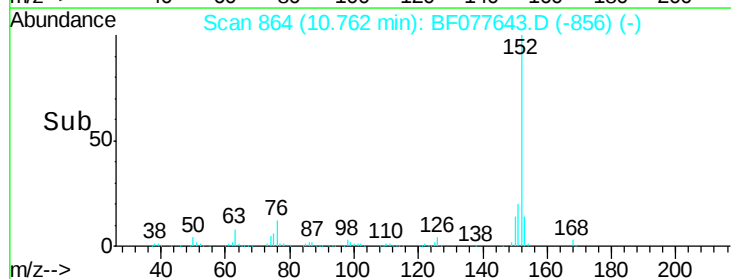
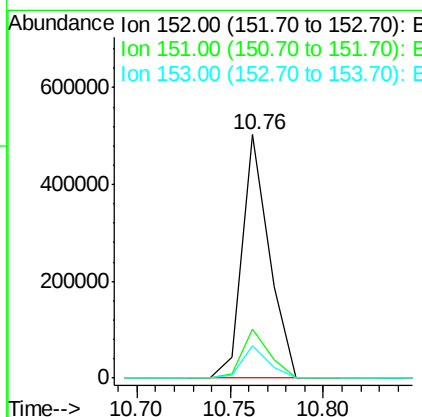
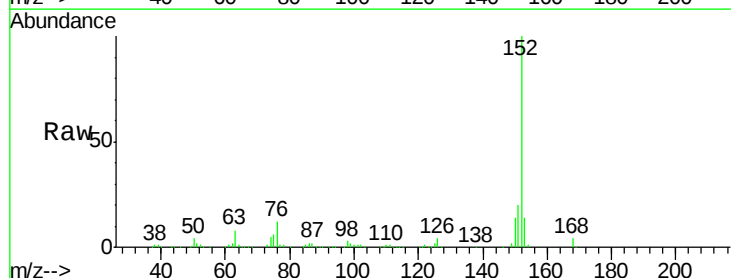
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

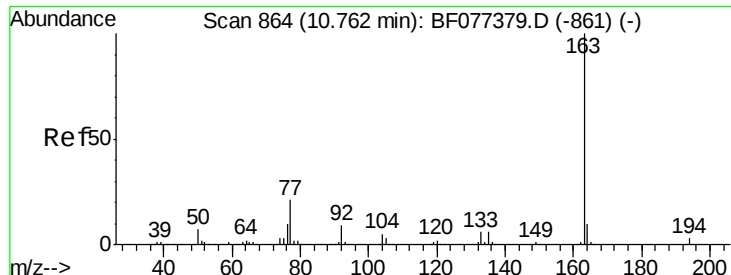
Tgt Ion: 65 Resp: 93392
 Ion Ratio Lower Upper
 65 100
 92 71.4 52.4 78.6
 138 109.0 73.4 110.0



#48
 Acenaphthylene
 Concen: 45.73 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion: 152 Resp: 505897
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.1 24.1
 153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 45.84 ng

RT: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

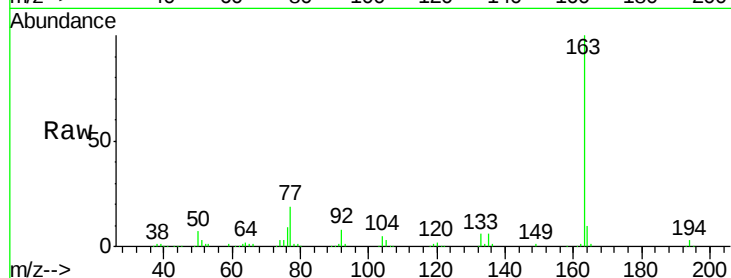
Tgt Ion:163 Resp: 379050

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.1 8.6 13.0

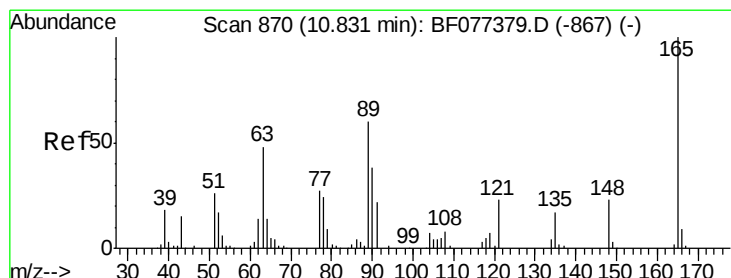
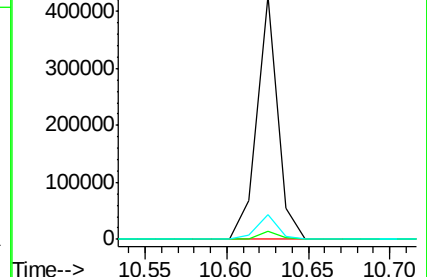
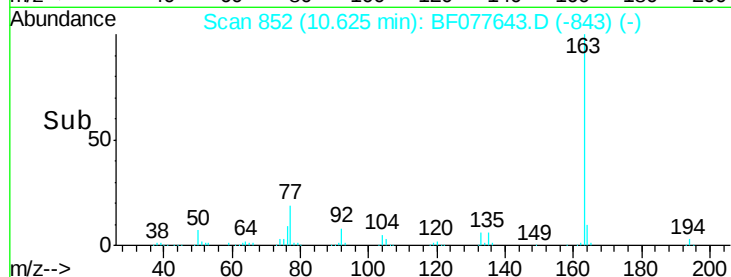


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

10.62



#50

2,6-Dinitrotoluene

Concen: 48.43 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

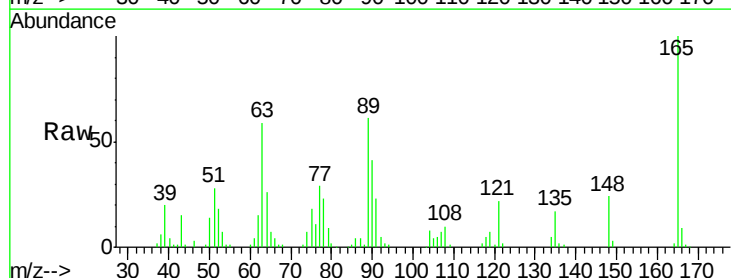
Tgt Ion:165 Resp: 80295

Ion Ratio Lower Upper

165 100

63 59.0 25.2 37.8#

89 60.8 30.5 45.7#

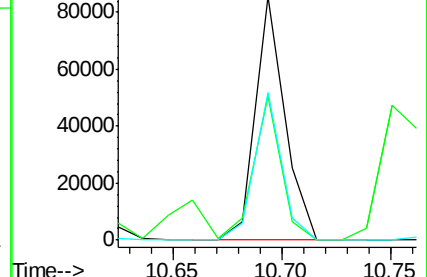
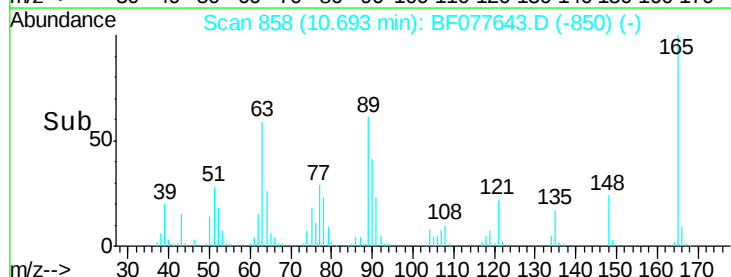


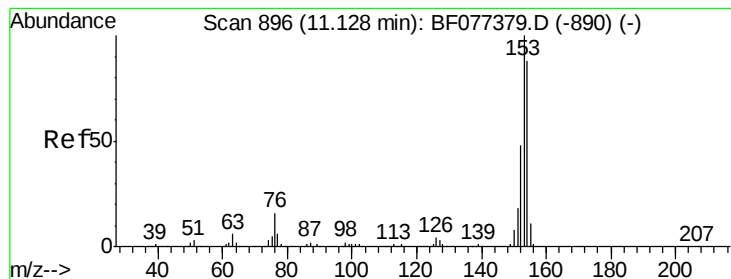
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

10.70





#51

Acenaphthene

Concen: 44.18 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

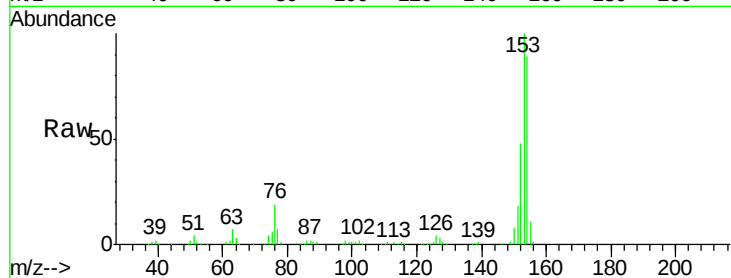
Tgt Ion:154 Resp: 291714

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

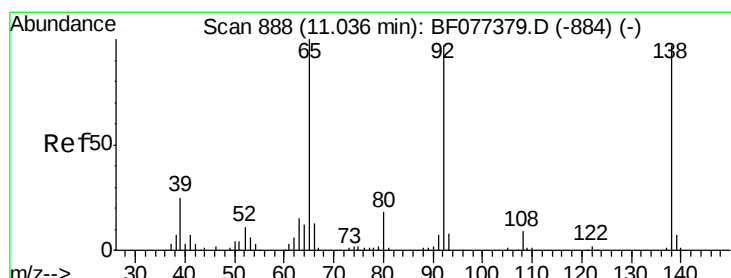
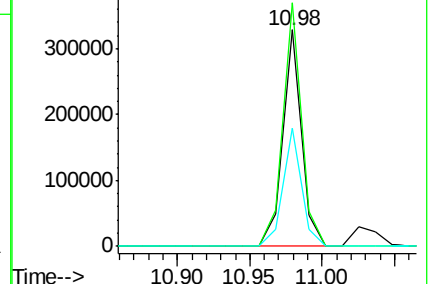
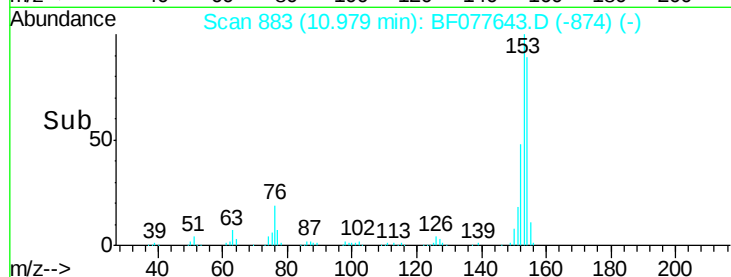
152 54.4 43.5 65.3



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: 30.52 ng

RT: 10.89 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

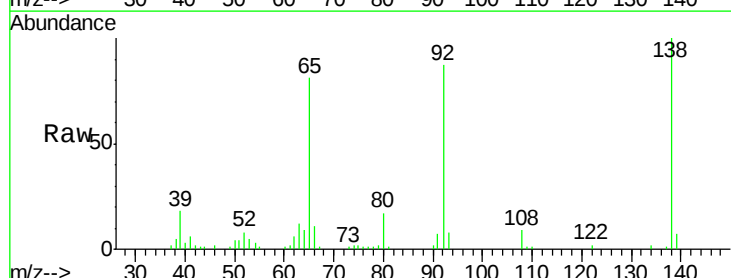
Tgt Ion:138 Resp: 58352

Ion Ratio Lower Upper

138 100

108 9.1 7.8 11.8

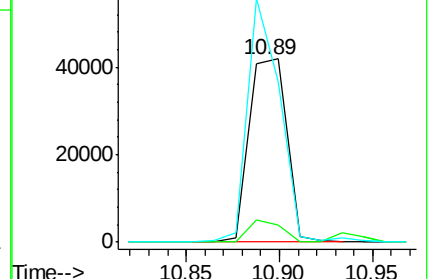
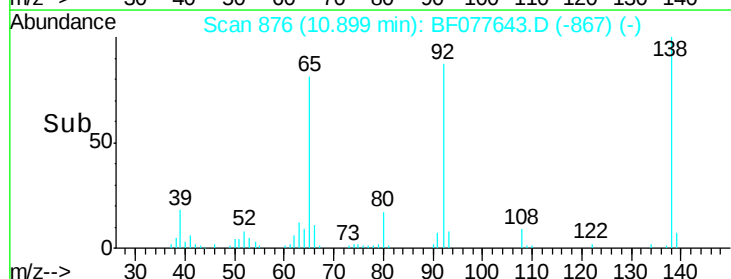
92 87.5 90.6 135.8#

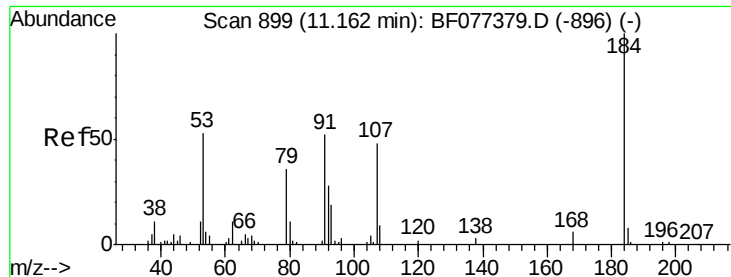


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

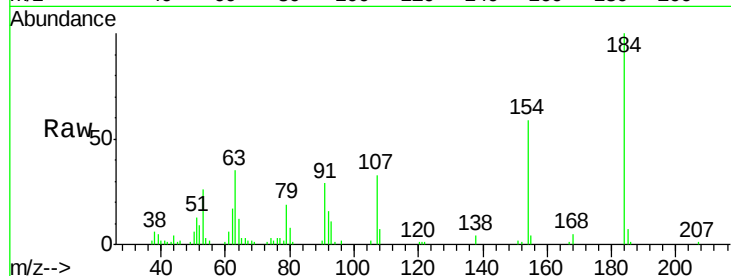




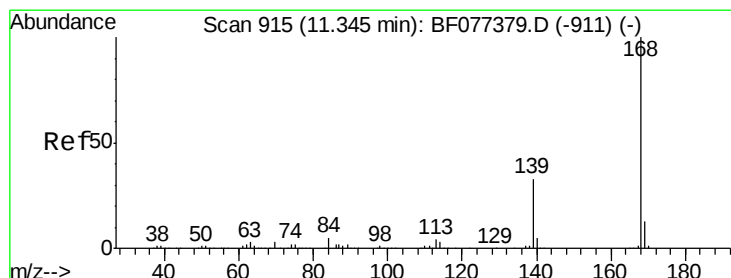
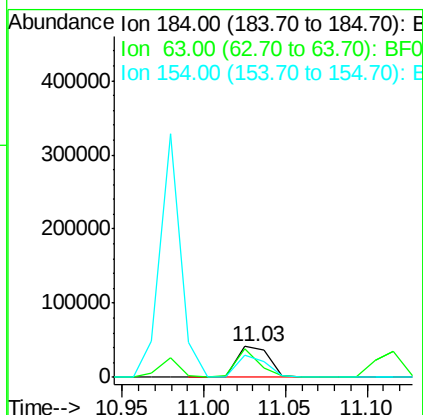
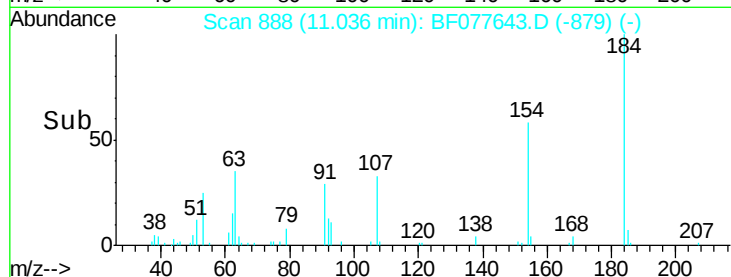
#53
2,4-Dinitrophenol
Concen: 113.97 ng
RT: 11.03 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion:184 Resp: 57503
Ion Ratio Lower Upper
184 100
63 35.0 29.5 44.3
154 58.9 43.2 64.8

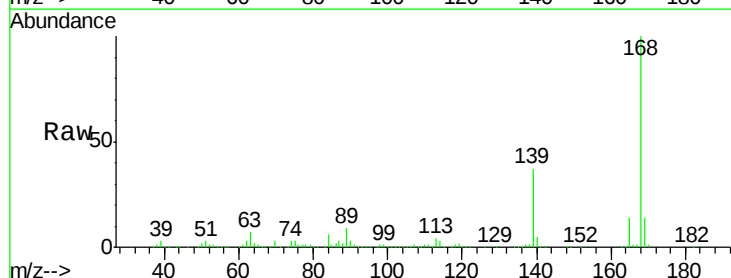


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

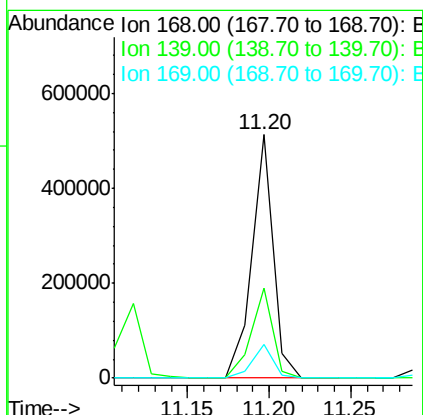
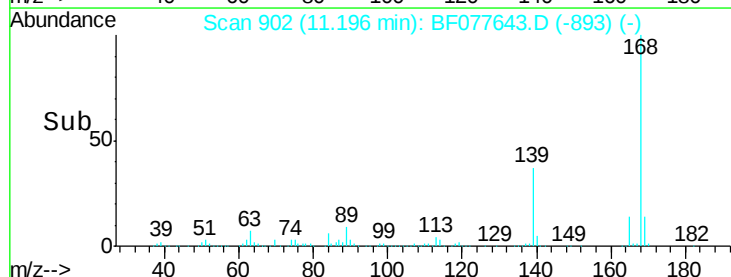


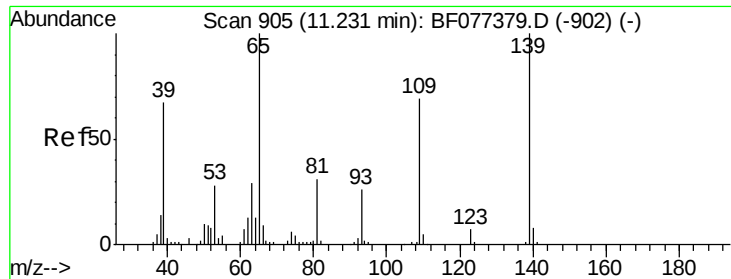
#54
Dibenzofuran
Concen: 45.60 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:168 Resp: 464884
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.7 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

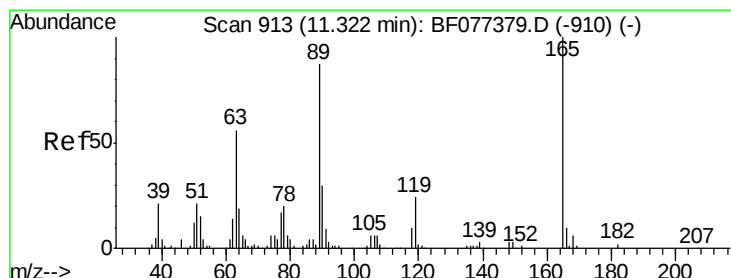
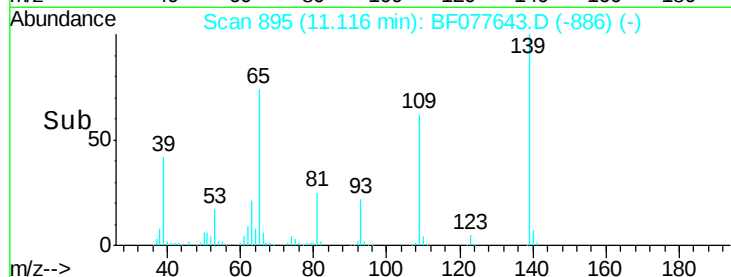
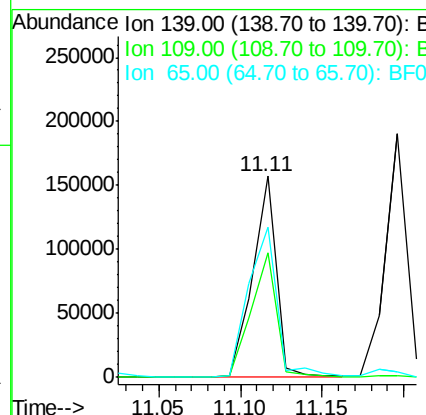
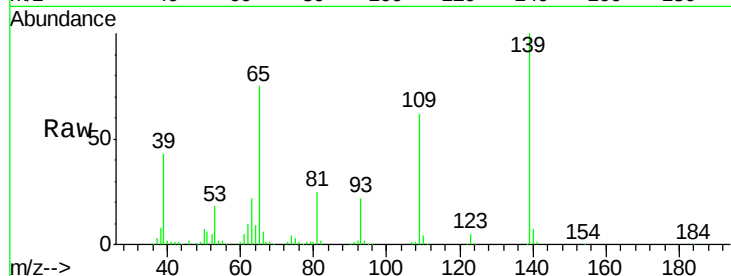




#55
4-Nitrophenol
Concen: 103.84 ng
RT: 11.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

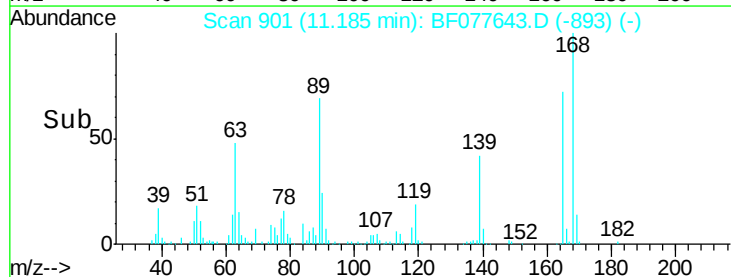
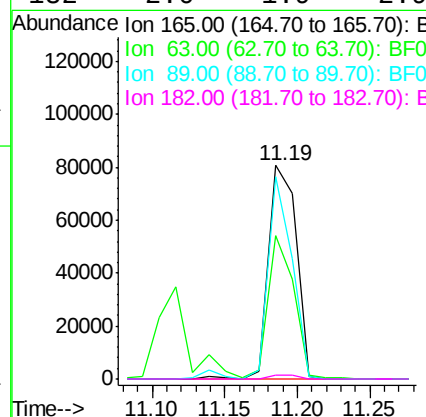
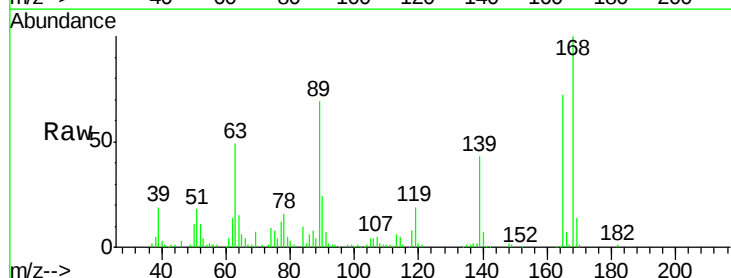
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

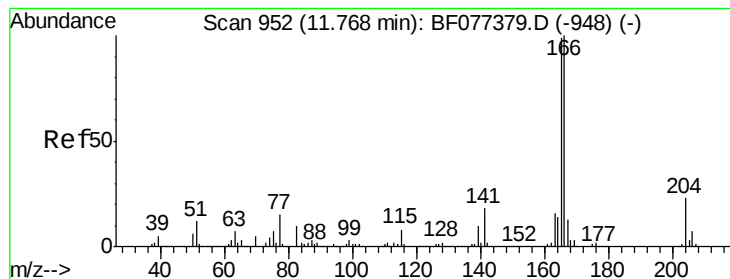
Tgt Ion:139 Resp: 159660
Ion Ratio Lower Upper
139 100
109 62.2 36.2 76.2
65 74.6 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 47.68 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:165 Resp: 106838
Ion Ratio Lower Upper
165 100
63 67.3 29.8 44.8#
89 94.9 48.5 72.7#
182 2.0 1.9 2.9





#57

Fluorene

Concen: 47.42 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

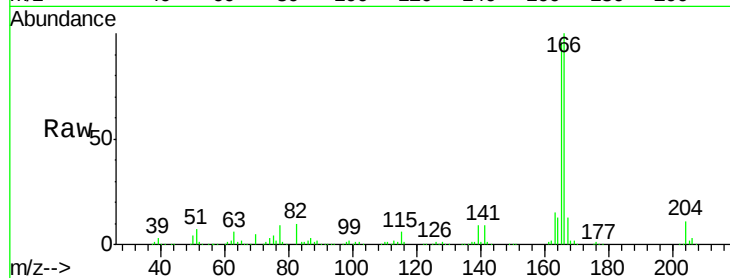
Tgt Ion:166 Resp: 386506

Ion Ratio Lower Upper

166 100

165 96.2 77.6 116.4

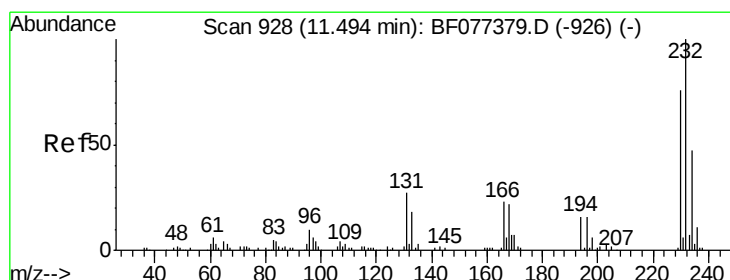
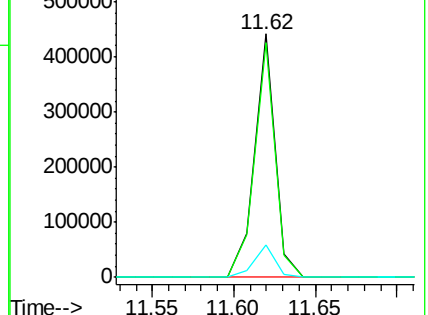
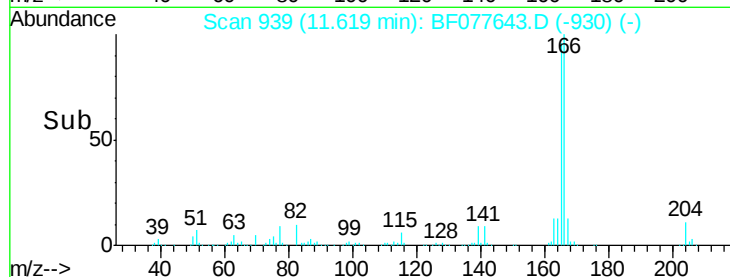
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.95 ng

RT: 11.35 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Tgt Ion:232 Resp: 92126

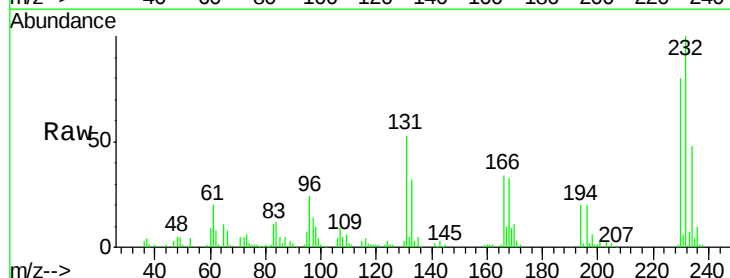
Ion Ratio Lower Upper

232 100

131 46.7 34.2 51.2

130 2.4 1.8 2.6

166 32.0 24.3 36.5

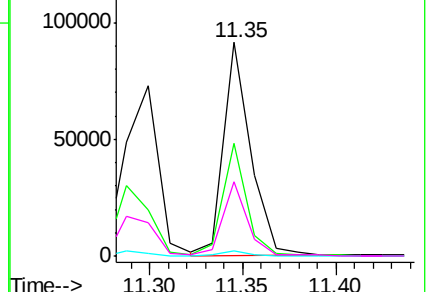
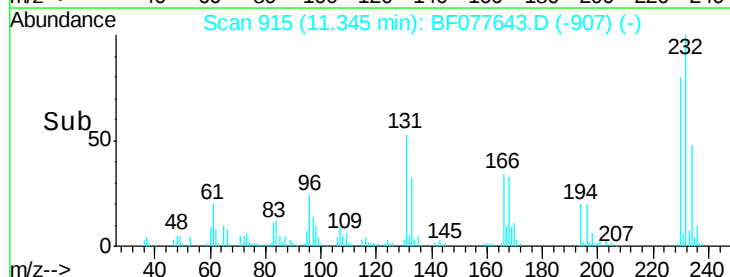


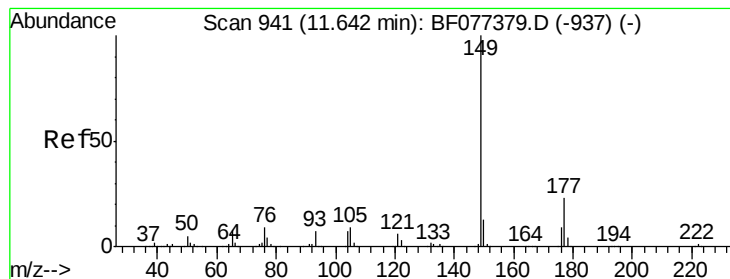
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.46 ng

RT: 11.50 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

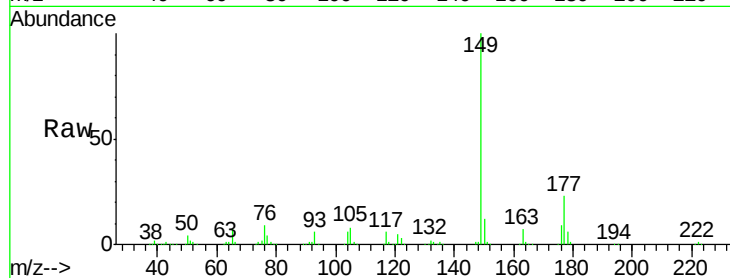
Tgt Ion:149 Resp: 370586

Ion Ratio Lower Upper

149 100

177 23.0 17.2 25.8

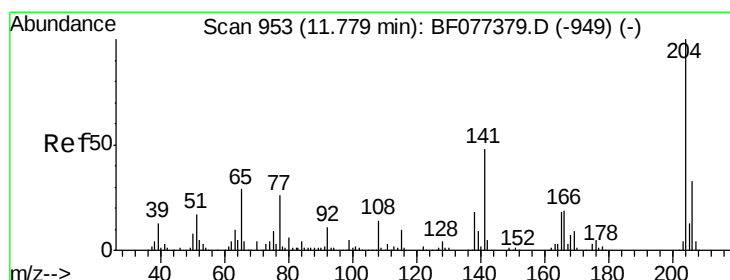
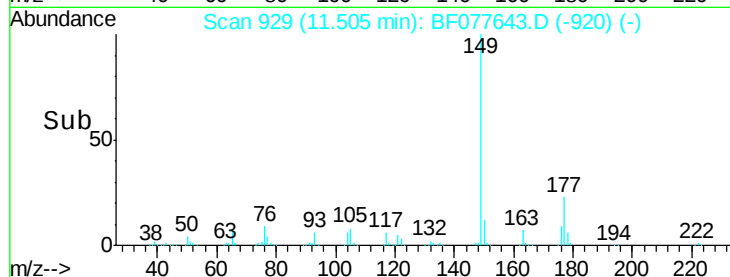
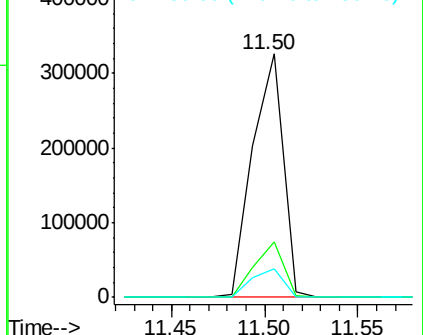
150 11.6 10.5 15.7



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: 43.72 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

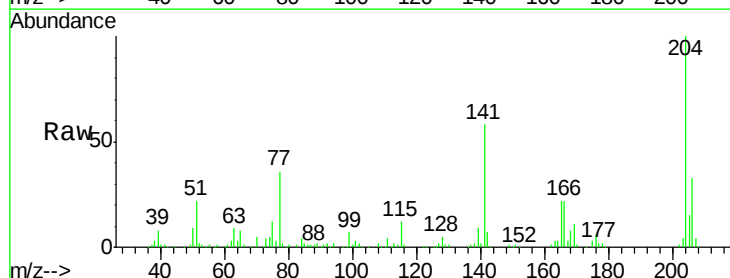
Tgt Ion:204 Resp: 171666

Ion Ratio Lower Upper

204 100

206 33.4 25.9 38.9

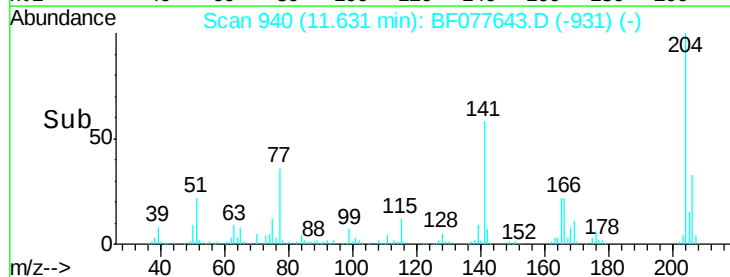
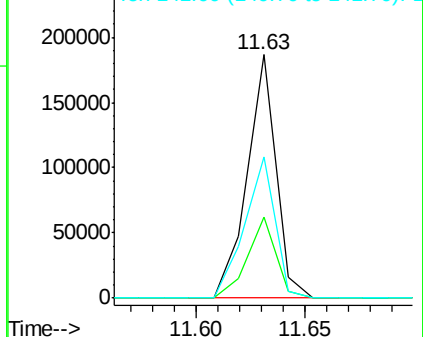
141 58.0 43.6 65.4

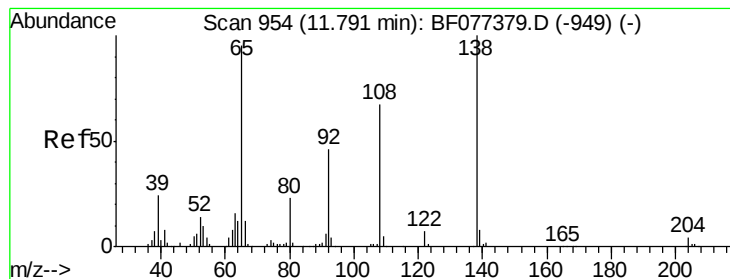


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.86 ng

RT: 11.65 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

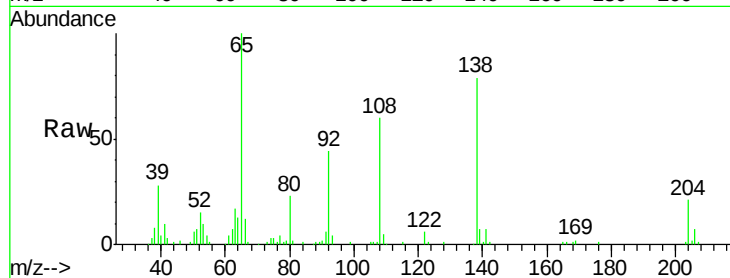
Tgt Ion:138 Resp: 87692

Ion Ratio Lower Upper

138 100

92 55.6 32.8 72.8

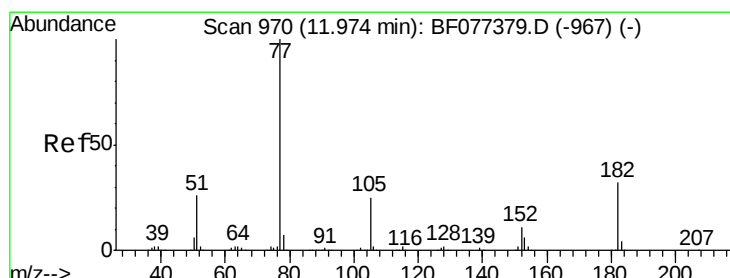
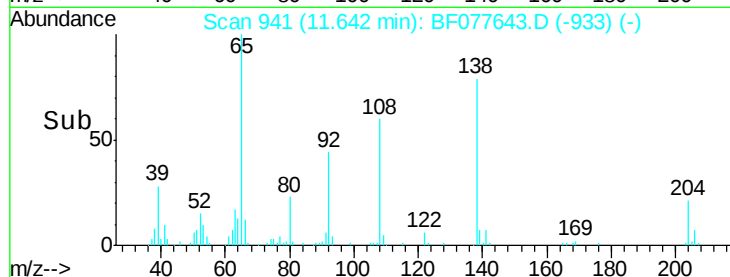
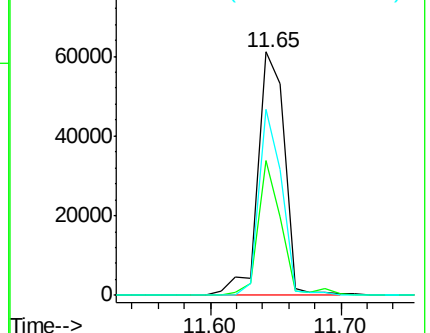
108 76.5 52.1 92.1



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: 46.50 ng

RT: 11.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Tgt Ion: 77 Resp: 359609

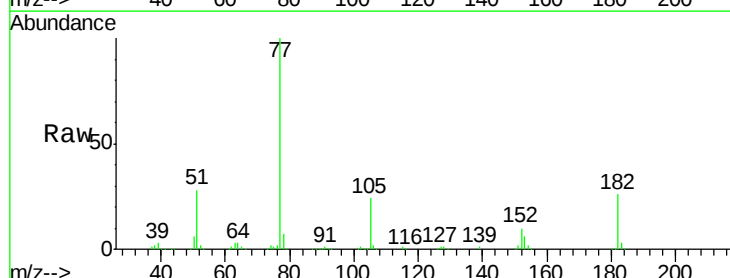
Ion Ratio Lower Upper

77 100

182 26.4 4.9 44.9

105 24.0 3.3 43.3

51 27.6 8.9 48.9

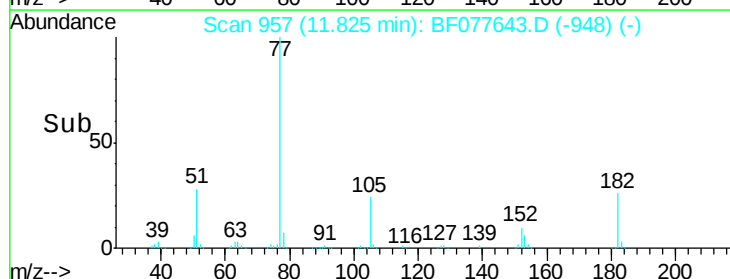
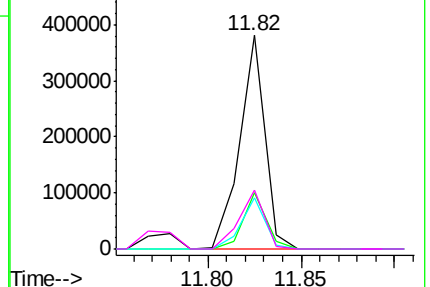


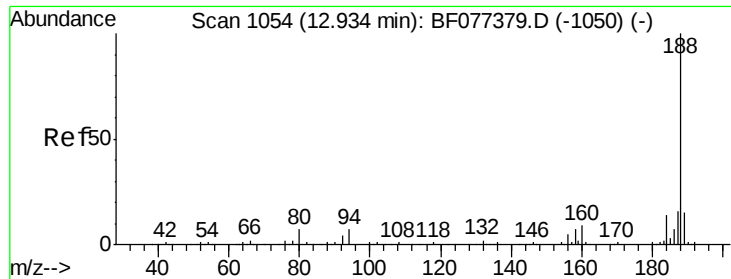
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

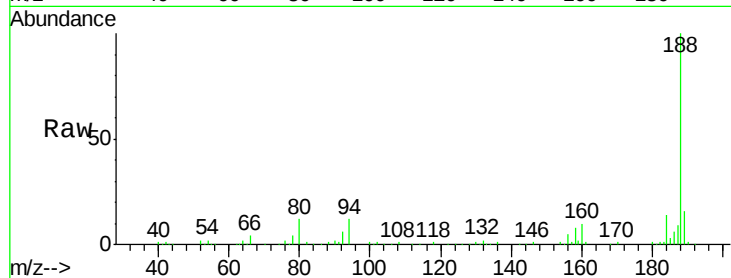




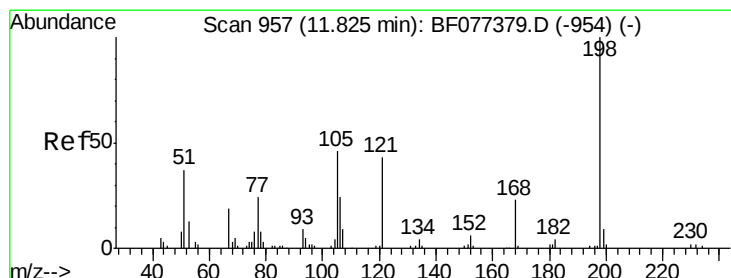
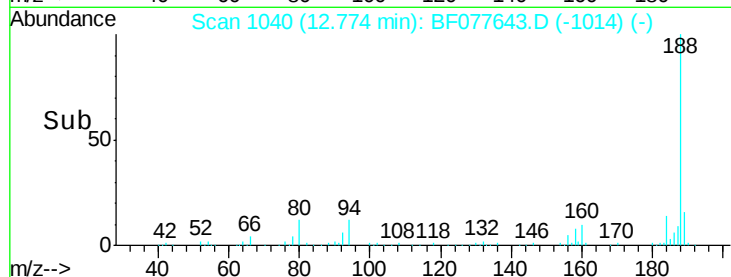
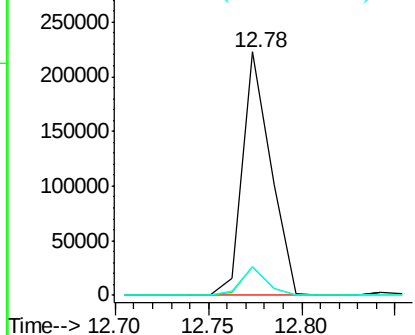
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion:188 Resp: 234137
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 11.9 8.0 12.0

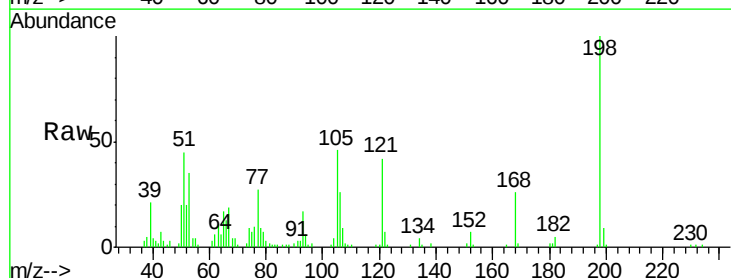


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

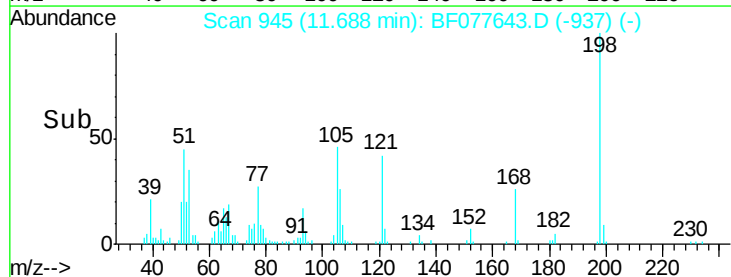
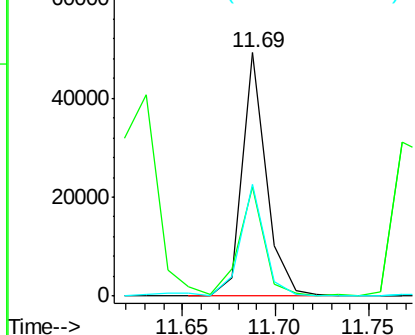


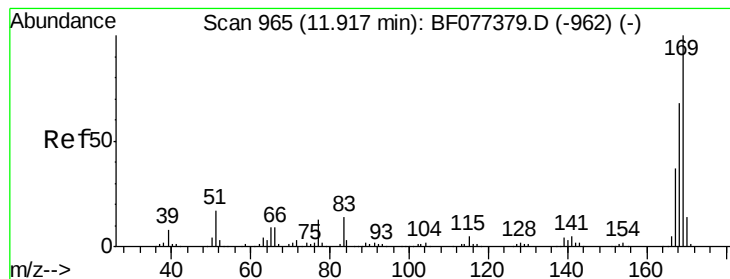
#64
4,6-Dinitro-2-methylphenol
Concen: 47.40 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:198 Resp: 44232
Ion Ratio Lower Upper
198 100
51 44.8 2.7 42.7#
105 45.9 10.0 50.0



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





#65

n-Nitrosodiphenylamine

Concen: 42.35 ng

RT: 11.78 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

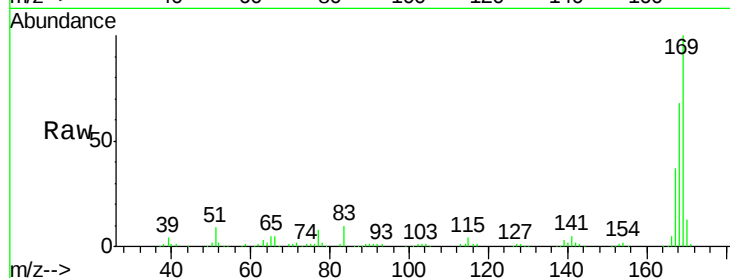
Tgt Ion:169 Resp: 328965

Ion Ratio Lower Upper

169 100

168 67.6 53.0 79.6

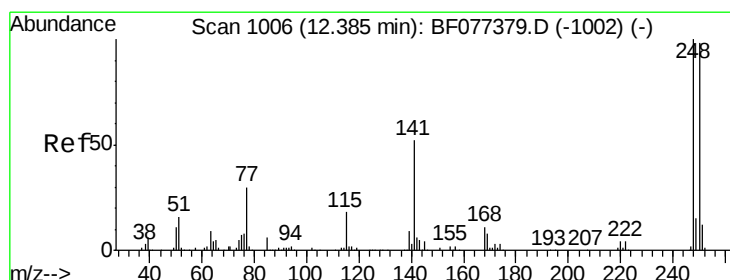
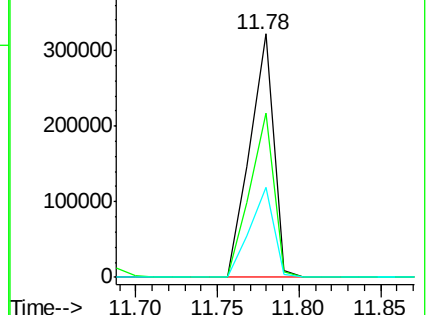
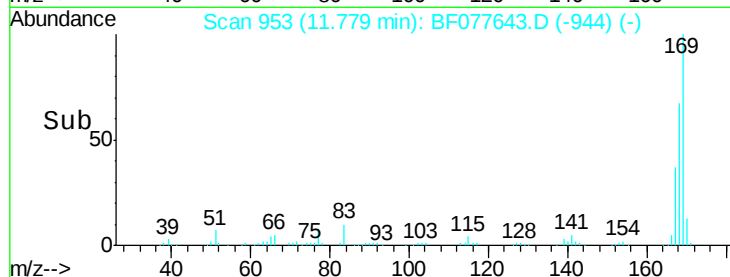
167 37.2 29.5 44.3



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: 38.95 ng

RT: 12.23 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

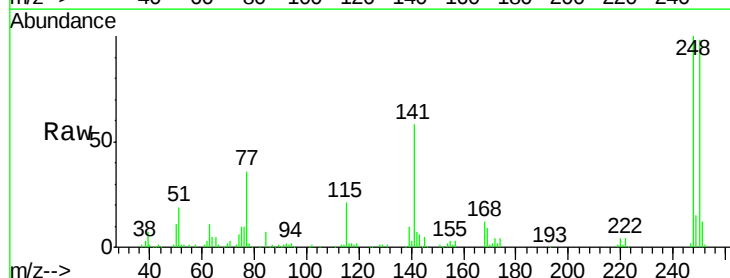
Tgt Ion:248 Resp: 106805

Ion Ratio Lower Upper

248 100

250 98.5 78.0 117.0

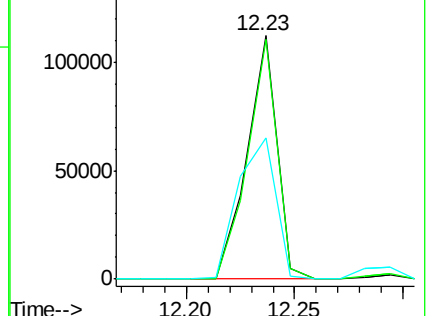
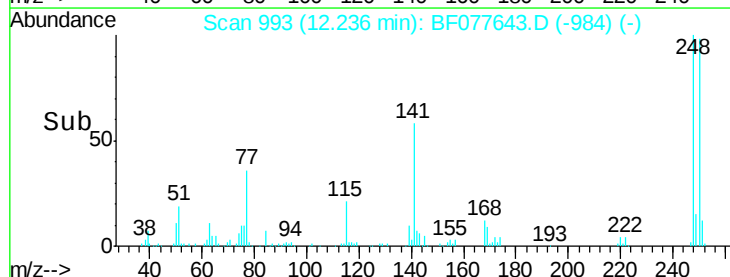
141 58.2 54.1 81.1

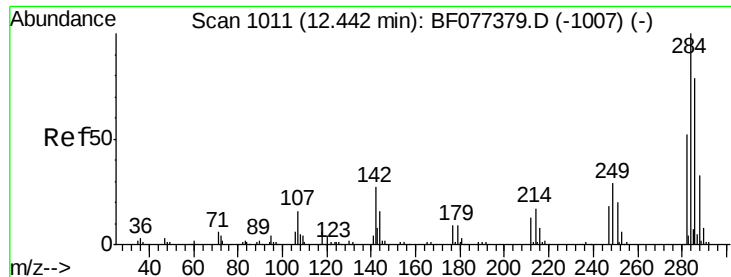


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

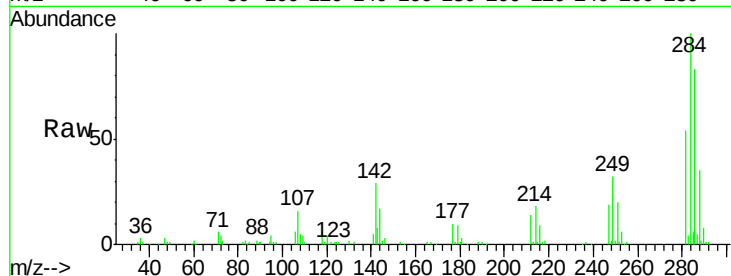




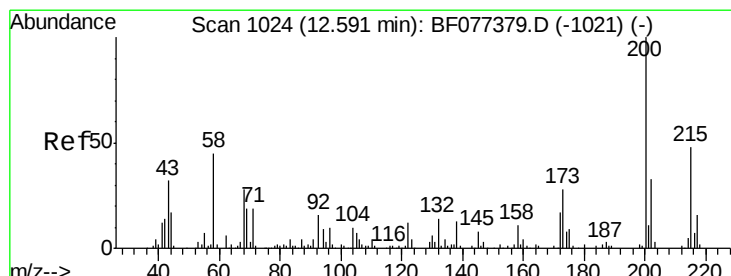
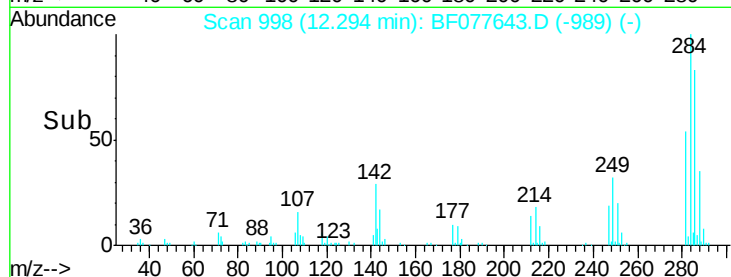
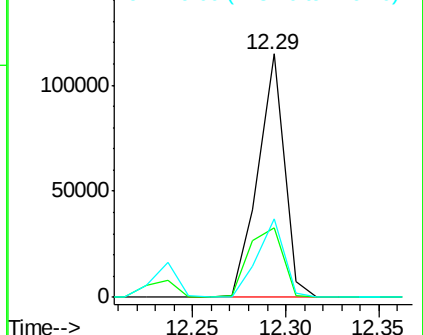
#67
Hexachlorobenzene
Concen: 38.25 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion:284 Resp: 112572
Ion Ratio Lower Upper
284 100
142 28.7 31.6 47.4#
249 32.0 27.0 40.4

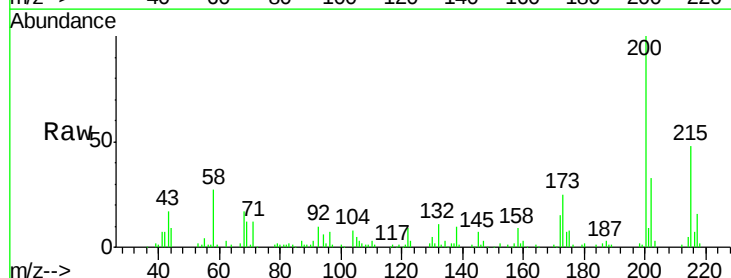


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

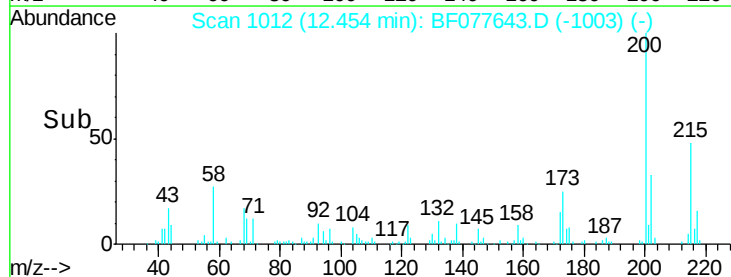
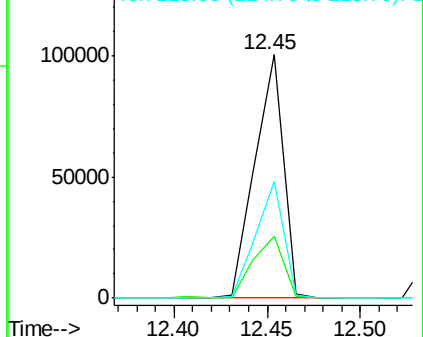


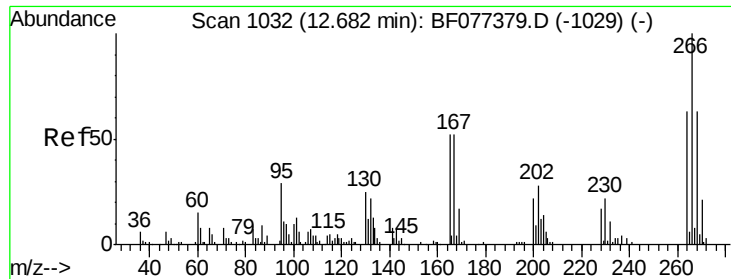
#68
Atrazine
Concen: 42.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion:200 Resp: 106064
Ion Ratio Lower Upper
200 100
173 25.5 9.6 49.6
215 48.2 24.4 64.4



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

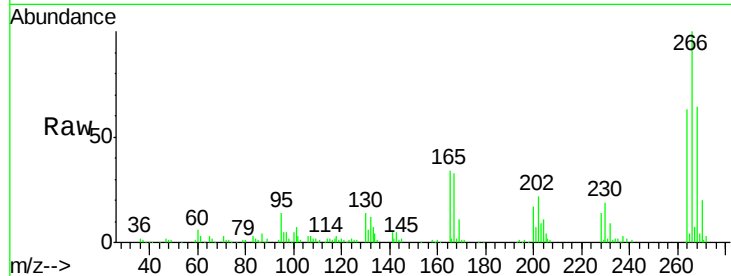




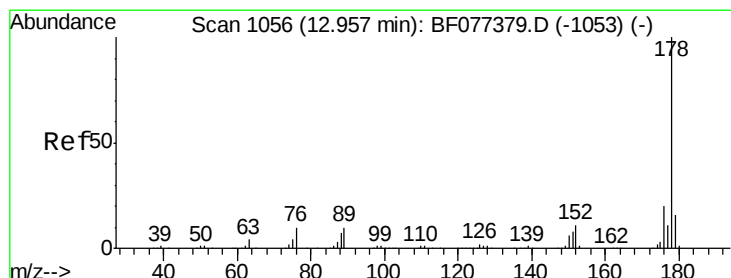
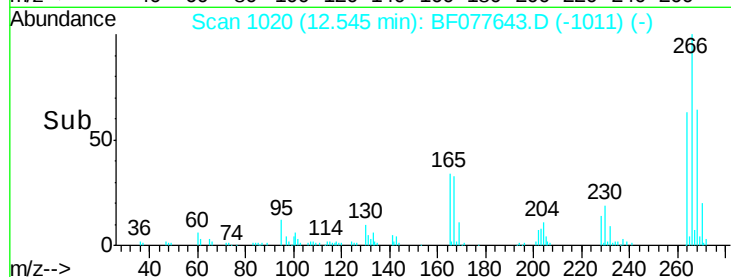
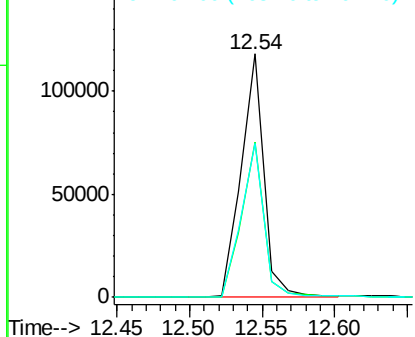
#69
 Pentachlorophenol
 Concen: 83.75 ng
 RT: 12.54 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:266 Resp: 129539
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 63.5 50.7 76.1

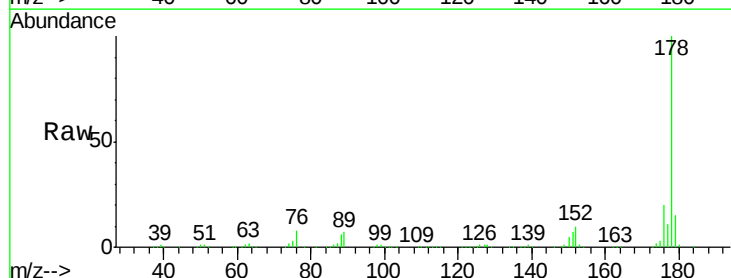


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

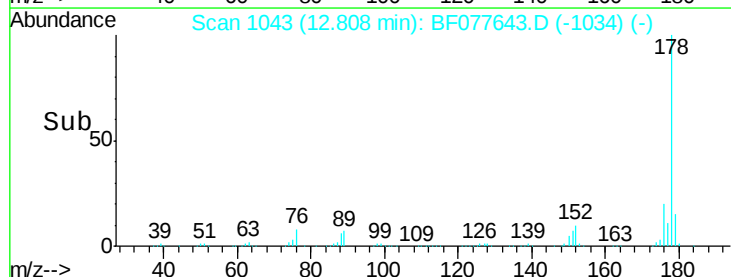
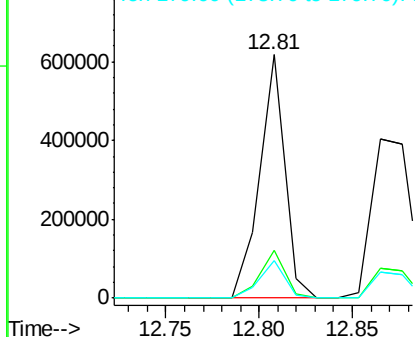


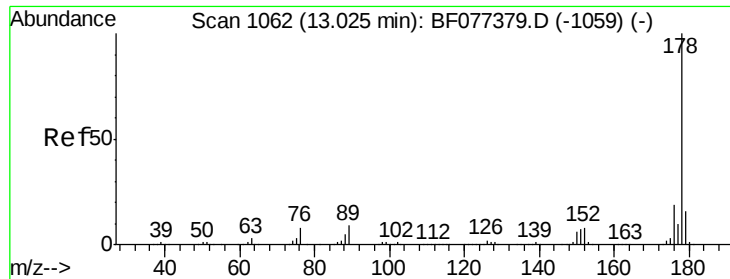
#70
 Phenanthrene
 Concen: 42.41 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:178 Resp: 575564
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.4 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

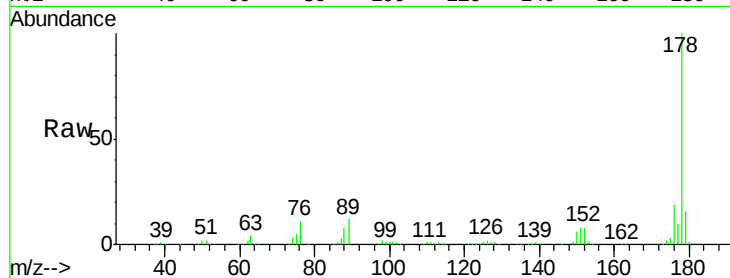




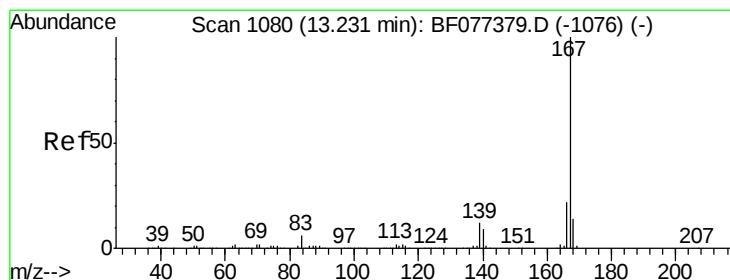
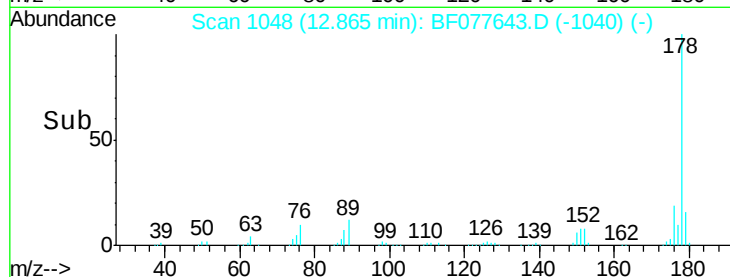
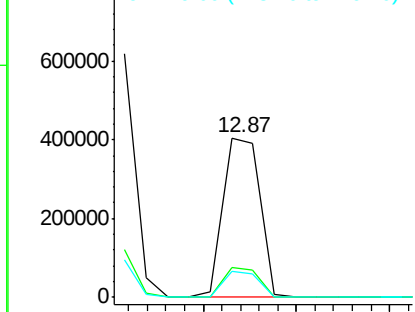
#71
 Anthracene
 Concen: 41.55 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:178 Resp: 559599
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 16.0 12.9 19.3

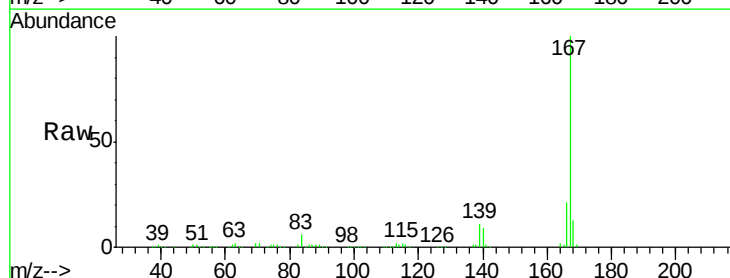


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

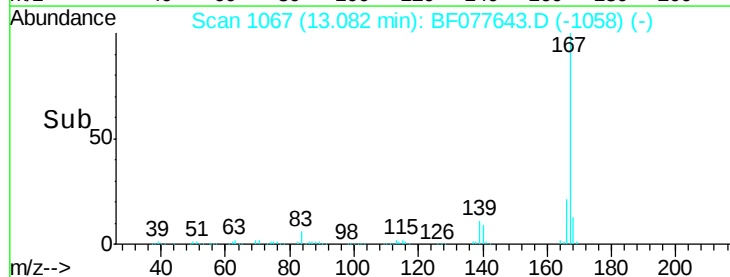
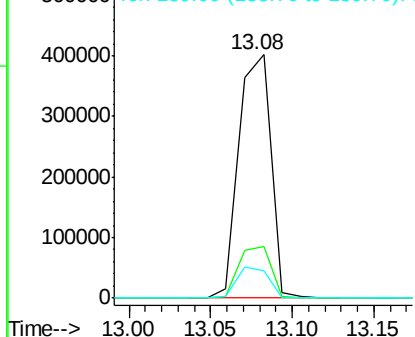


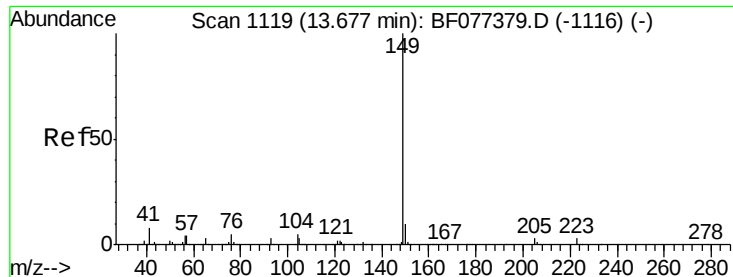
#72
 Carbazole
 Concen: 42.53 ng
 RT: 13.08 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:167 Resp: 544604
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 11.4 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: 39.31 ng

RT: 13.53 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

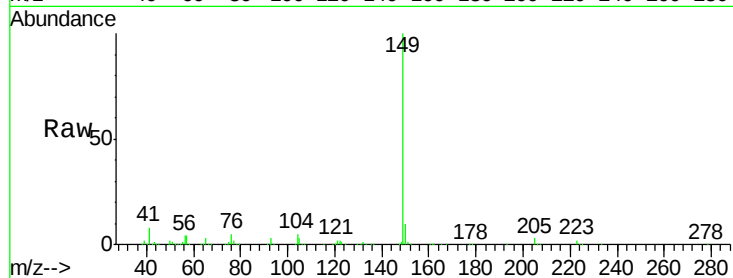
Tgt Ion:149 Resp: 590992

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

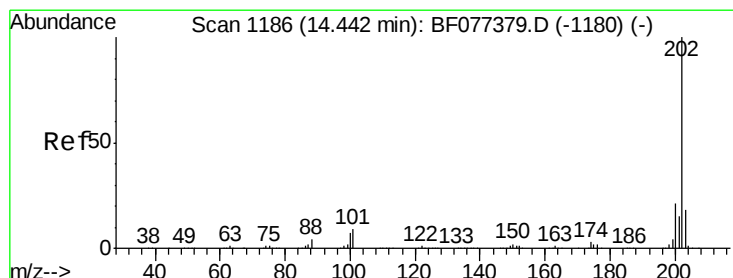
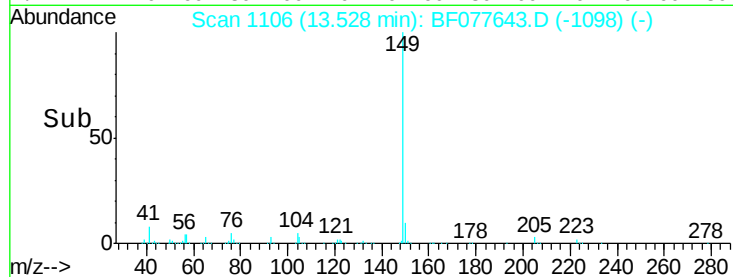
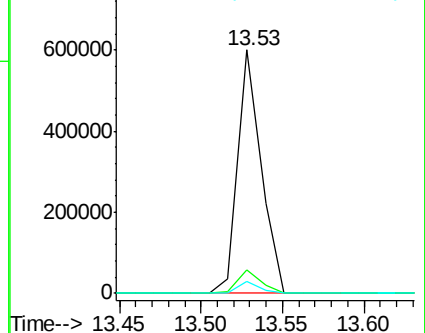
104 5.0 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.21 ng

RT: 14.28 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

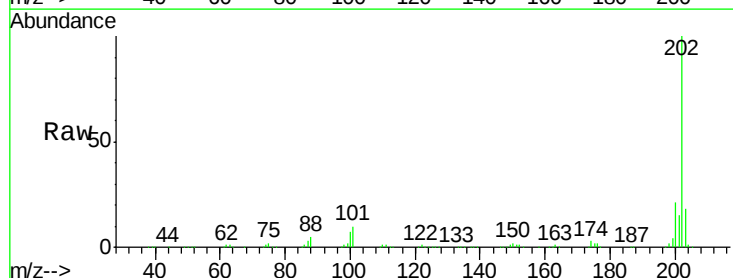
Tgt Ion:202 Resp: 625690

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.8

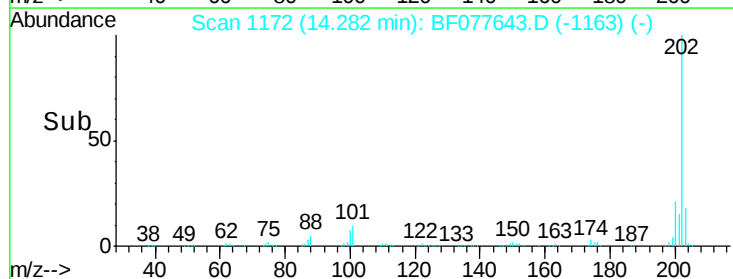
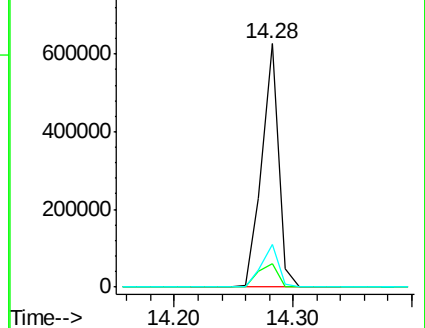
203 17.7 0.0 37.7

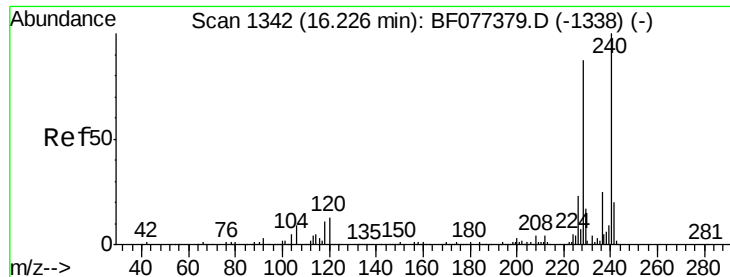


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

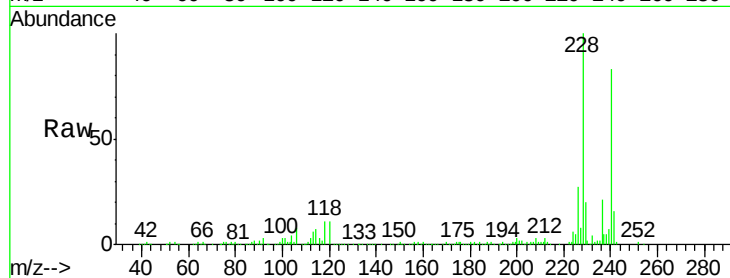
Tgt Ion:240 Resp: 253780

Ion Ratio Lower Upper

240 100

120 13.6 8.8 13.2#

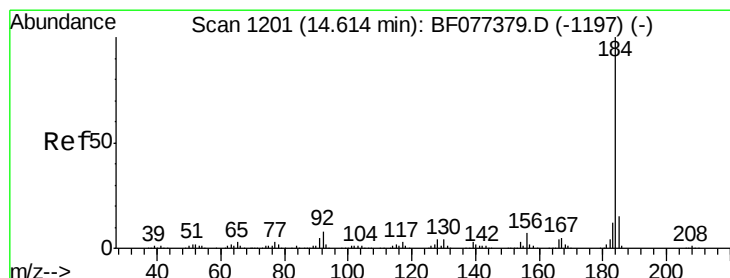
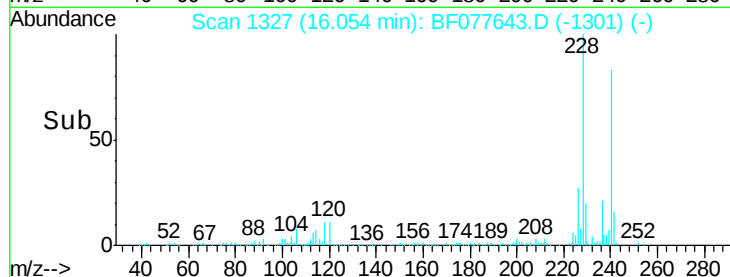
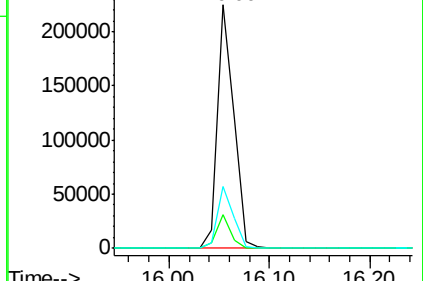
236 25.6 20.7 31.1



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: 28.99 ng

RT: 14.46 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

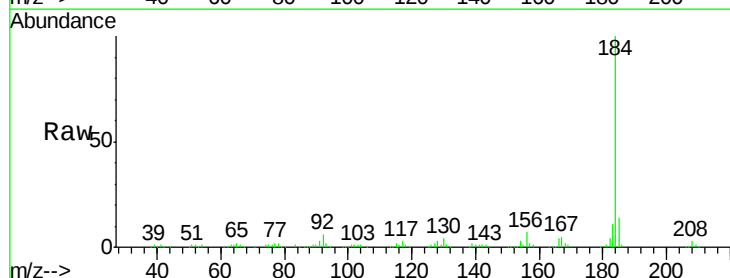
Tgt Ion:184 Resp: 248596

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

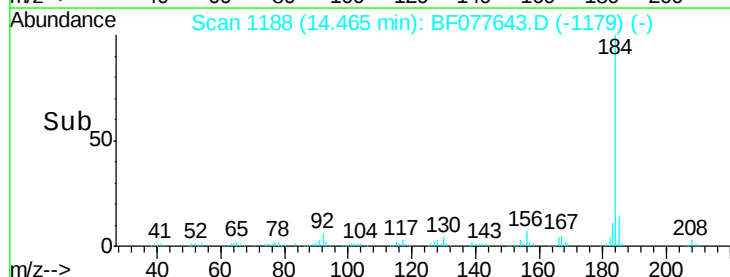
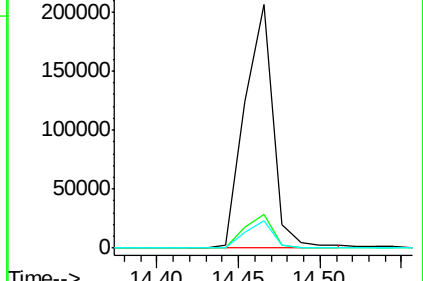
183 11.2 9.3 13.9

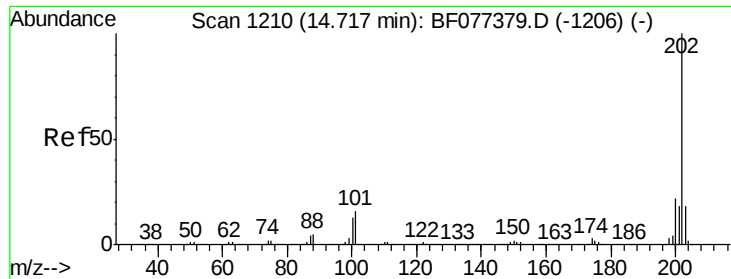


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

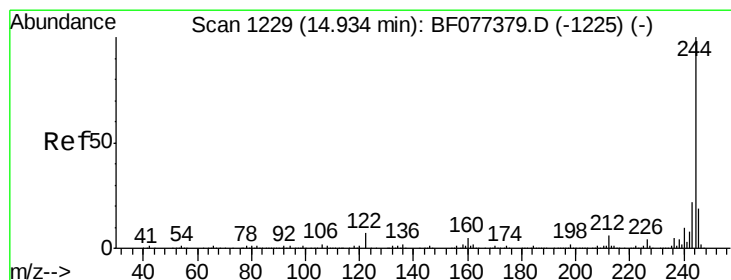
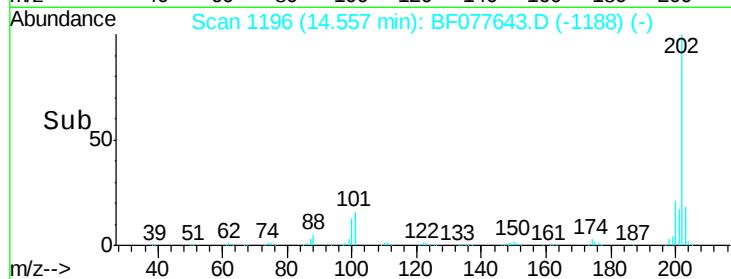
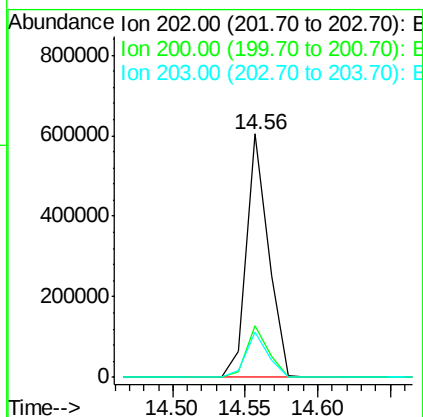
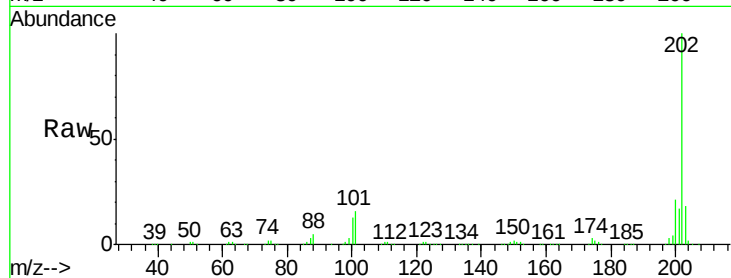




#77
 Pyrene
 Concen: 41.08 ng
 RT: 14.56 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

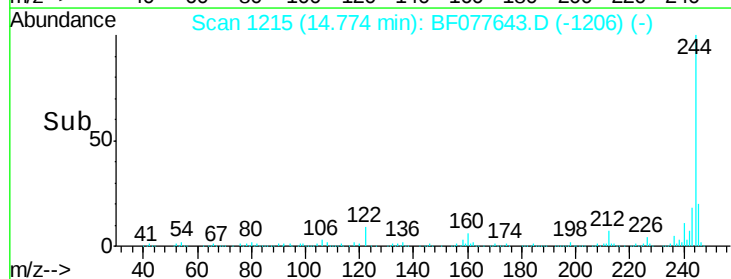
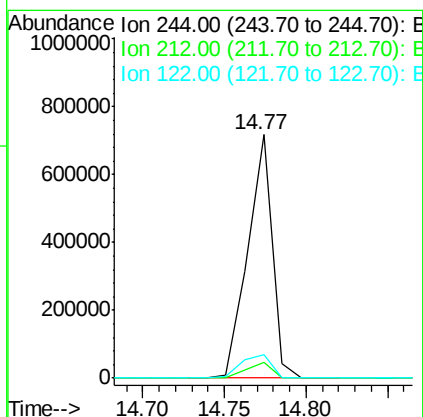
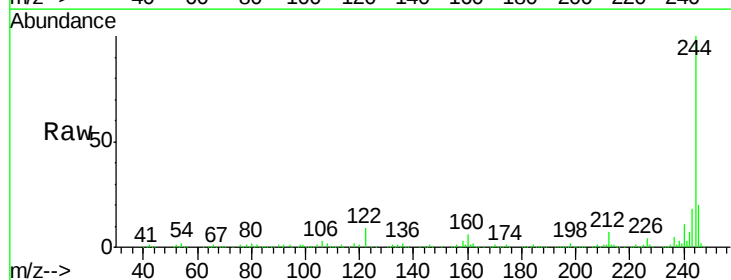
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

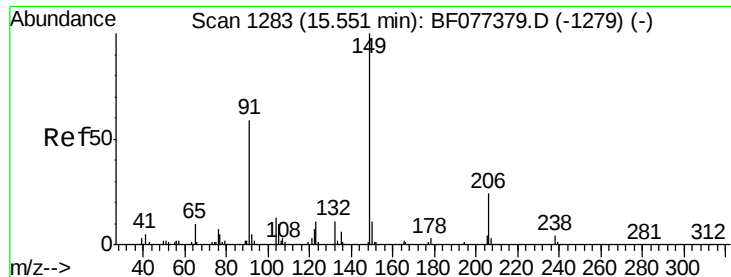
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.5	14.2	21.2



#78
 Terphenyl-d14
 Concen: 68.82 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	9.4	7.8	11.8

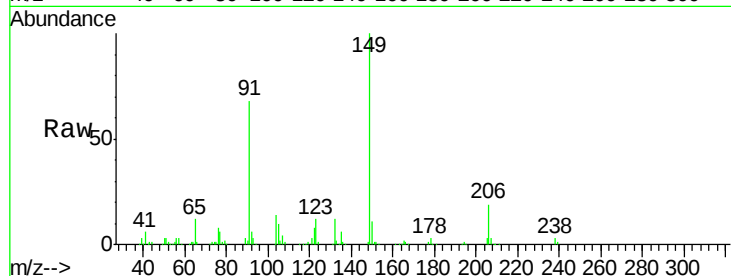




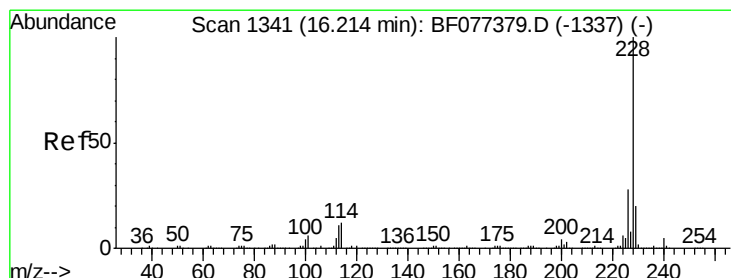
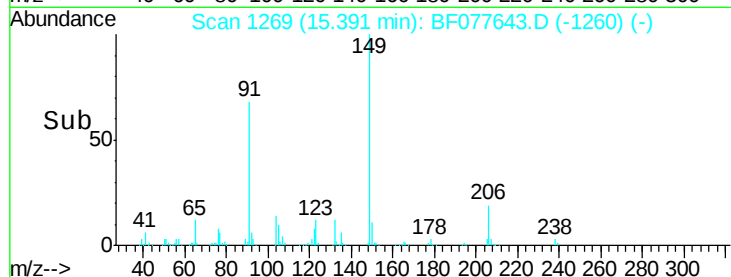
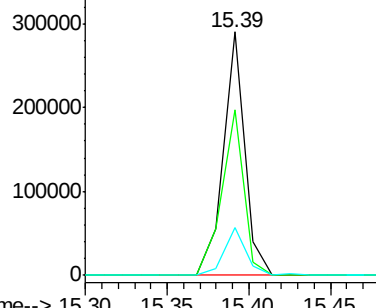
#79
Butylbenzylphthalate
Concen: 41.69 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB82019BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	51.2	76.8
206	19.5	17.8	26.8

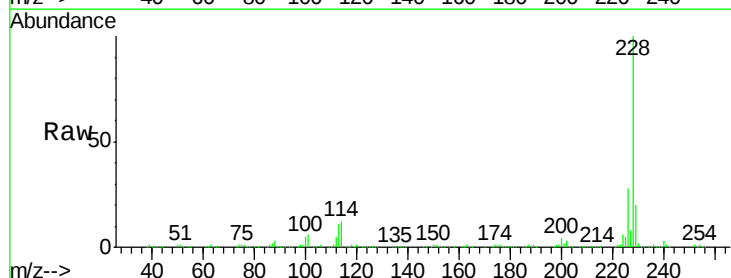


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

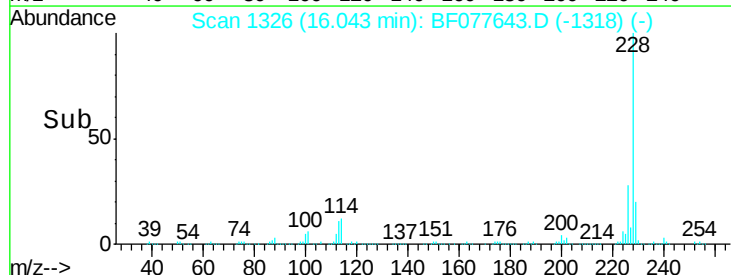
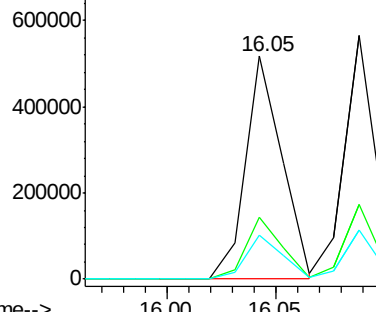


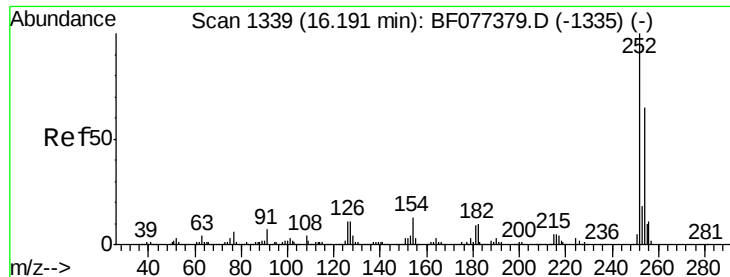
#80
Benzo(a)anthracene
Concen: 40.72 ng
RT: 16.05 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.9	15.8	23.8



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

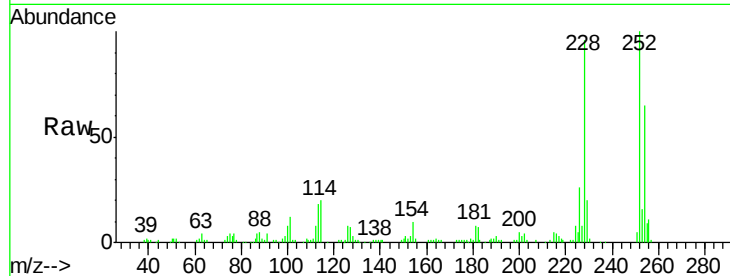




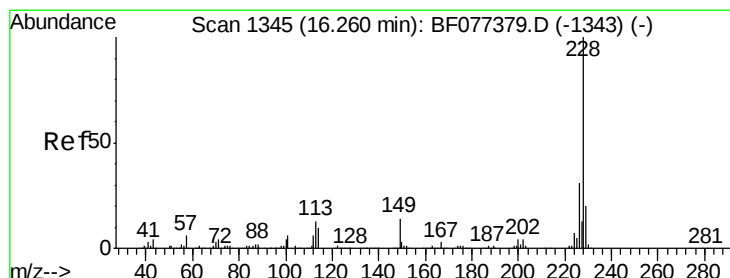
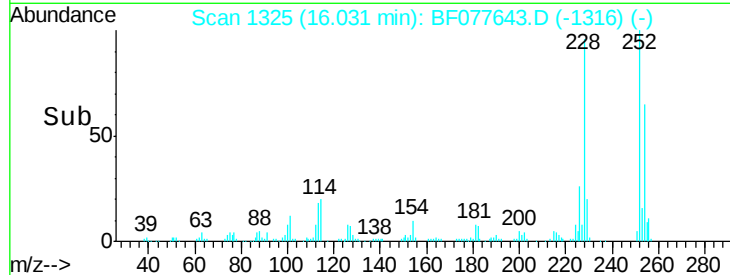
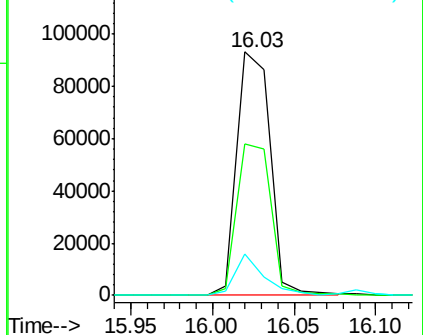
#81
 3,3'-Dichlorobenzidine
 Concen: 24.11 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

Tgt Ion:252 Resp: 131415
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.9 79.3
 126 8.4 7.3 10.9

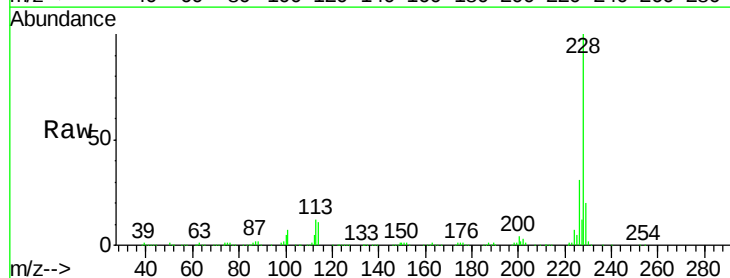


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

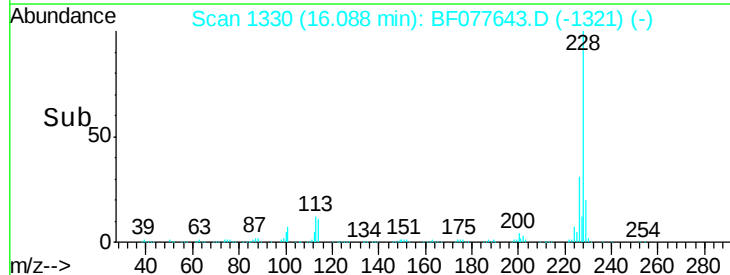
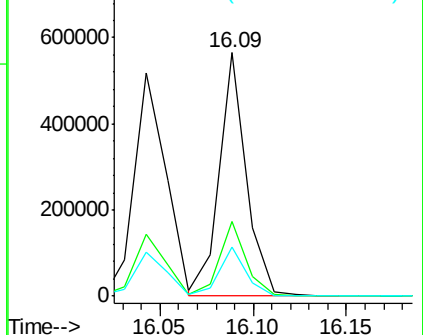


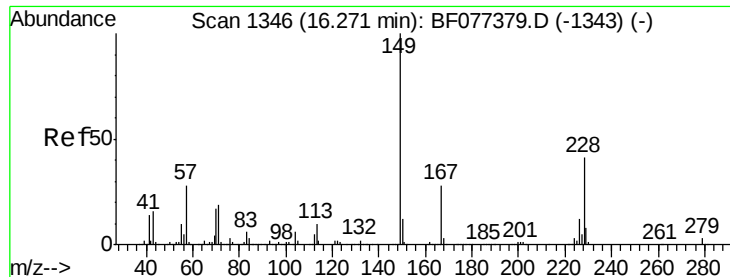
#82
 Chrysene
 Concen: 40.69 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:228 Resp: 568333
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.3 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

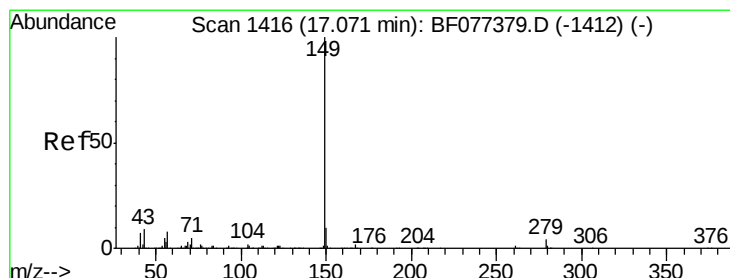
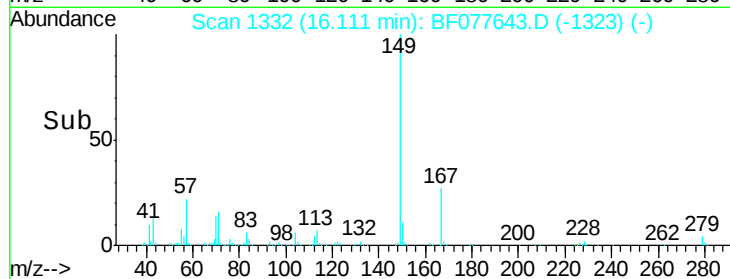
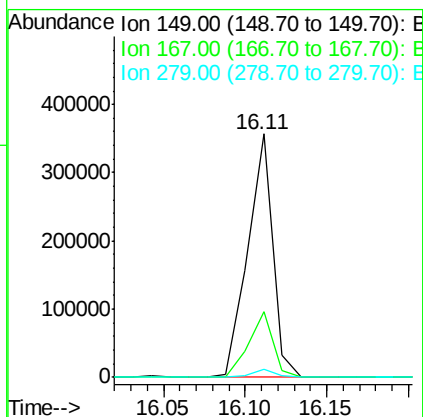
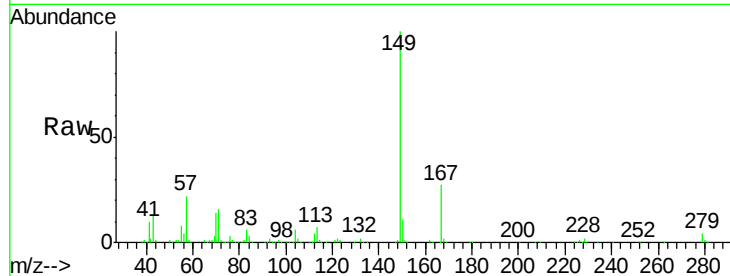




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.93 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

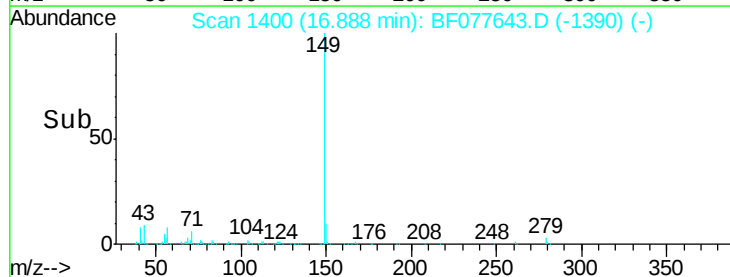
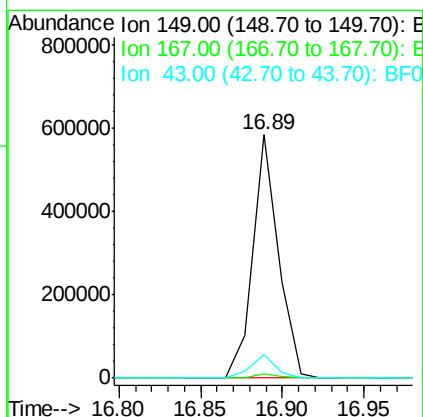
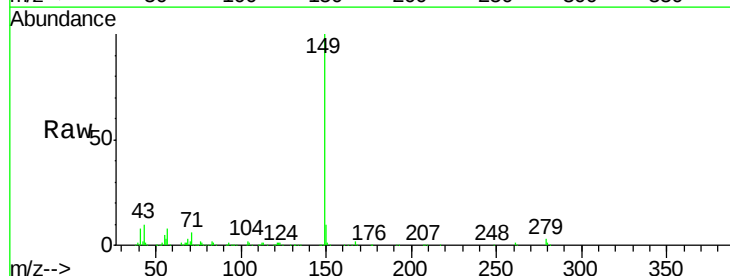
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

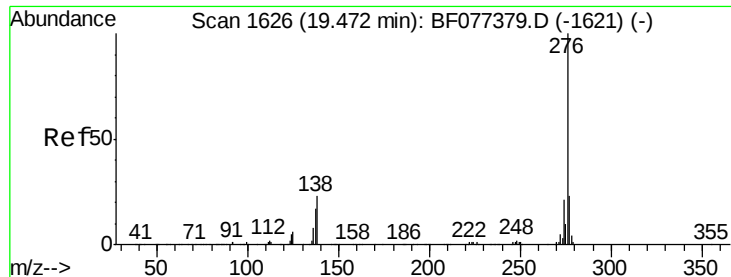
Tgt Ion:149 Resp: 378220
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.8 34.2
 279 3.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 37.47 ng
 RT: 16.89 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion:149 Resp: 640695
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.2 8.1 12.1

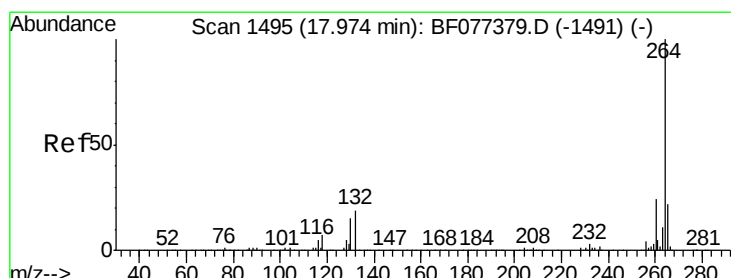
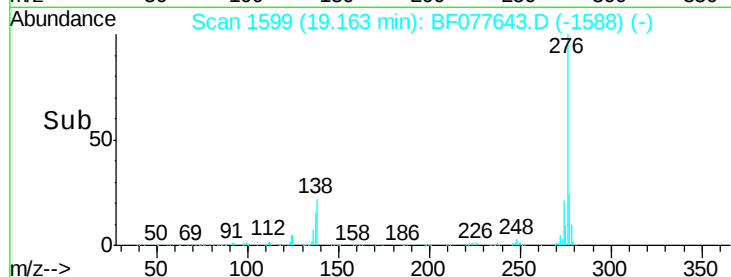
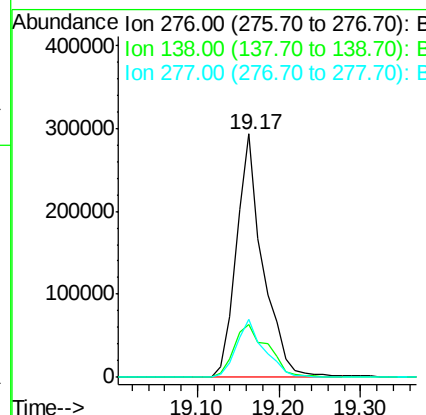
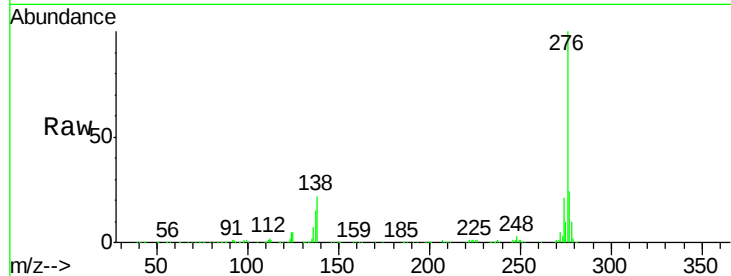




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.45 ng
 RT: 19.17 min Scan# 1599
 Delta R.T. 0.03 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

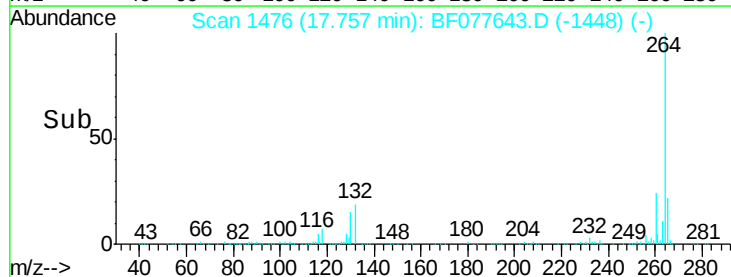
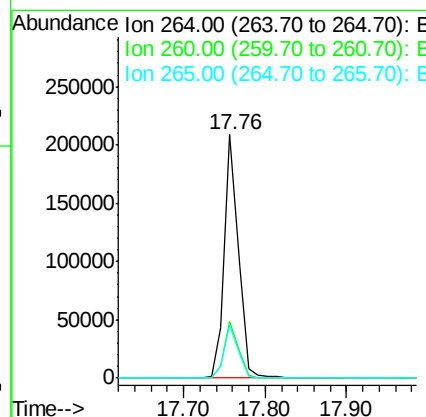
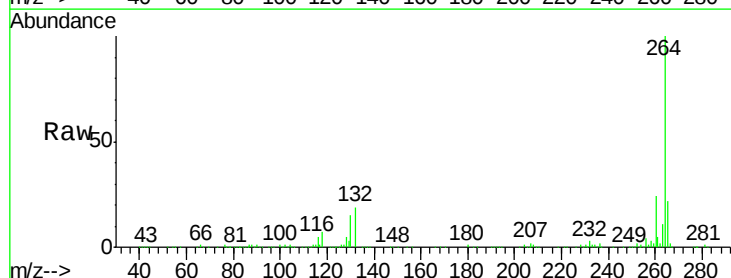
Instrument :
 BNA_F
 ClientSampleId :
 PB82019BSD

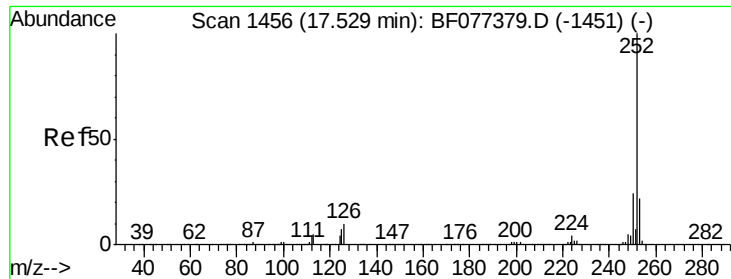
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.2	31.8
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.03 min
 Lab File: BF077643.D
 Acq: 9 Mar 2015 17:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	22.0	16.8	25.2

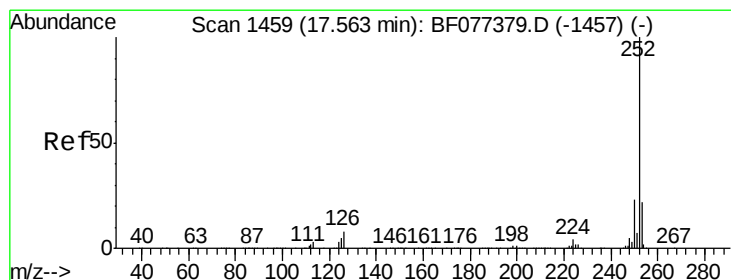
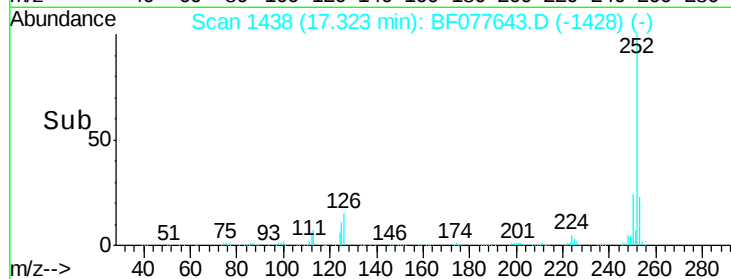
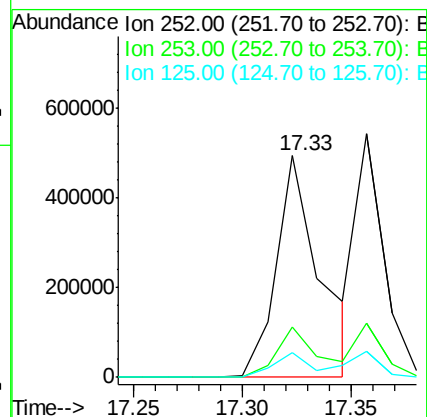
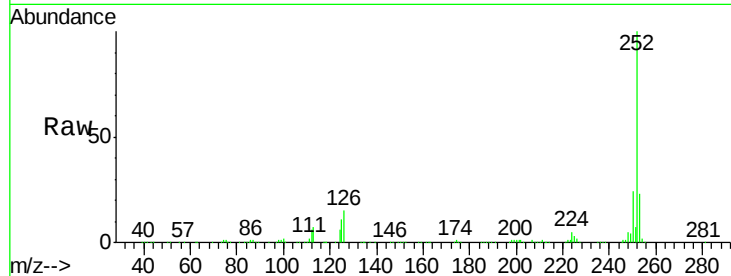




#87
Benzo(b)fluoranthene
Concen: 47.48 ng
RT: 17.33 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

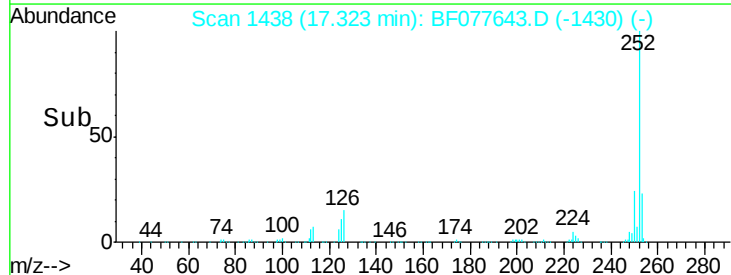
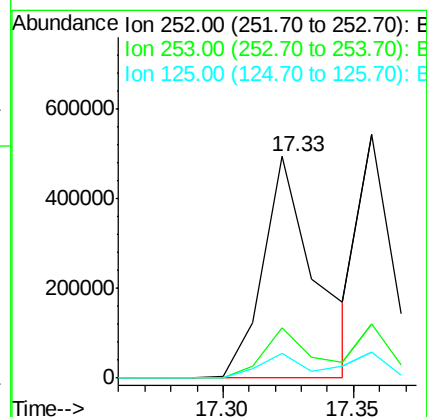
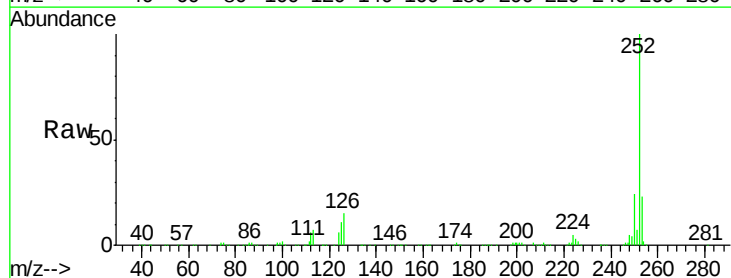
Instrument :
BNA_F
ClientSampleId :
PB82019BSD

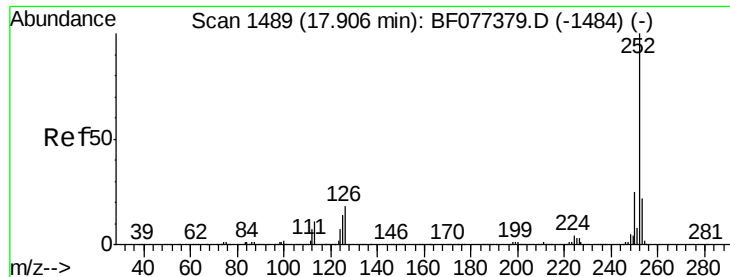
Tgt Ion: 252 Resp: 691229
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 48.44 ng
RT: 17.33 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF077643.D
Acq: 9 Mar 2015 17:37

Tgt Ion: 252 Resp: 691195
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.1 10.1 15.1





#89

Benzo(a)pyrene

Concen: 42.21 ng

RT: 17.70 min Scan# 1471

Delta R.T. 0.03 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

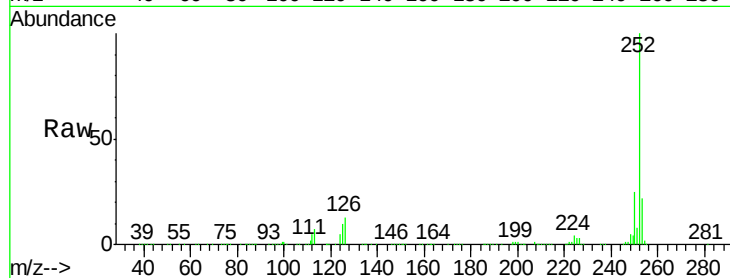
Tgt Ion:252 Resp: 585309

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

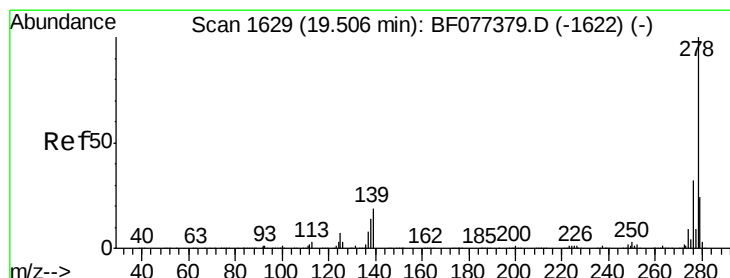
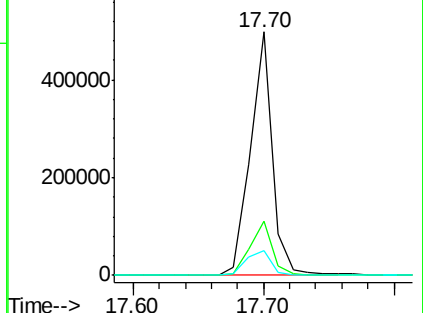
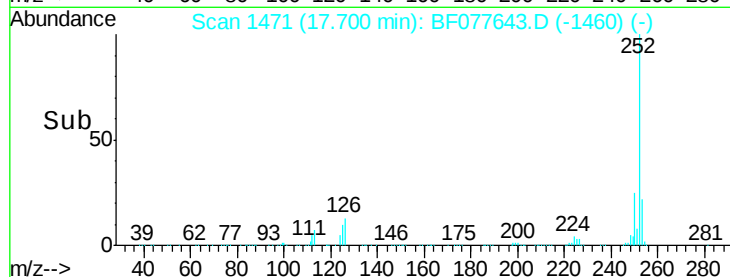
125 10.0 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.00 ng

RT: 19.19 min Scan# 1602

Delta R.T. 0.03 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

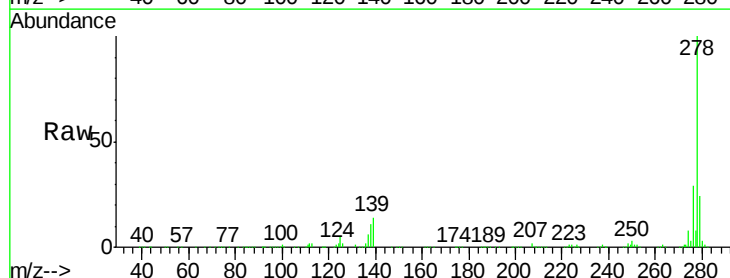
Tgt Ion:278 Resp: 542244

Ion Ratio Lower Upper

278 100

139 14.0 14.3 21.5#

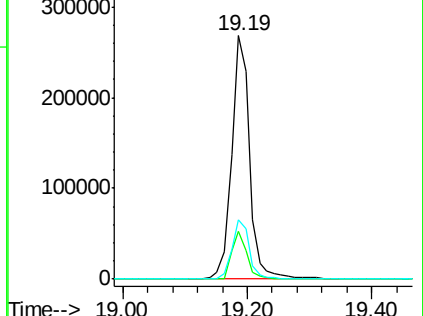
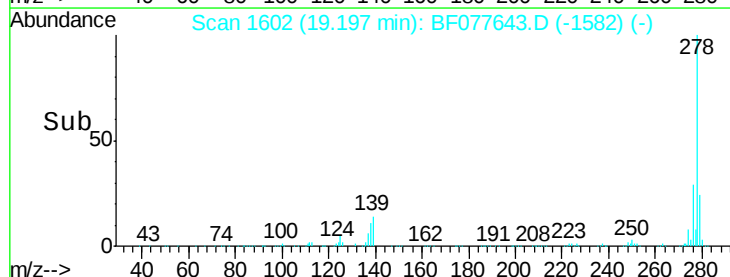
279 24.0 19.0 28.6

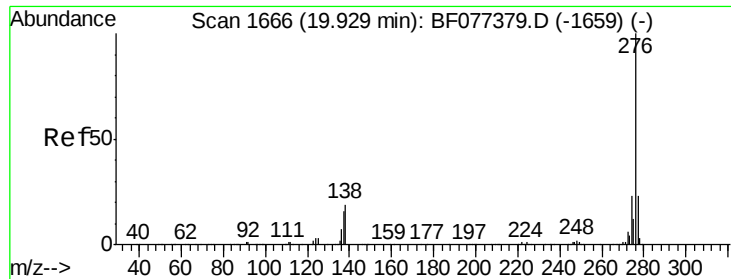


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.81 ng

RT: 19.58 min Scan# 1635

Delta R.T. 0.03 min

Lab File: BF077643.D

Acq: 9 Mar 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB82019BSD

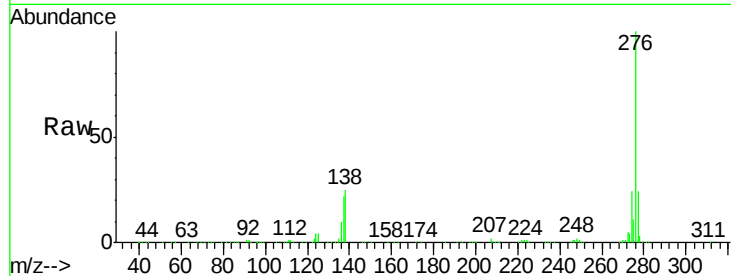
Tgt Ion: 276 Resp: 558013

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 25.2 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

