

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077383.D
 Acq On : 20 Feb 2015 15:52
 Operator : TP/IZ
 Sample : PB81812BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

Quant Time: Feb 21 00:26:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83198	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	333725	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	175791	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	321414	20.00	ng	0.00
75) Chrysene-d12	16.23	240	325115	20.00	ng	0.00
86) Perylene-d12	17.99	264	317001	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	461993	92.70	ng	0.00
7) Phenol-d6	6.88	99	585916	91.44	ng	0.00
23) Nitrobenzene-d5	8.02	82	482022	89.82	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	164543	97.21	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	1134106	100.59	ng	0.00
78) Terphenyl-d14	14.92	244	1228812	88.36	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	61086	28.89	ng	98
3) Pyridine	3.05	79	200008	33.06	ng	98
4) n-Nitrosodimethylamine	2.98	42	90215	34.30	ng	96
6) Aniline	6.91	93	105340	11.89	ng	92
8) 2-Chlorophenol	7.06	128	218097	37.10	ng	93
10) Phenol	6.90	94	242106	31.84	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	191545	35.06	ng	88
12) 1,3-Dichlorobenzene	7.25	146	222896	34.82	ng	95
13) 1,4-Dichlorobenzene	7.36	146	225222	34.58	ng	96
14) 1,2-Dichlorobenzene	7.54	146	212433	34.29	ng	96
15) Benzyl Alcohol	7.50	79	174178	35.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.69	45	285500	36.56	ng	96
17) 2-Methylphenol	7.64	107	163077	35.49	ng	95
18) Hexachloroethane	7.95	117	74721	34.35	ng	# 79
19) n-Nitroso-di-n-propylamine	7.85	70	145892	35.85	ng	# 90
20) 3+4-Methylphenols	7.84	107	215808	35.66	ng	# 68
22) Acetophenone	7.84	105	295260	37.61	ng	# 92
24) Nitrobenzene	8.04	77	212980	37.72	ng	# 86
25) Isophorone	8.34	82	386059	36.26	ng	# 93
26) 2-Nitrophenol	8.44	139	82743	35.75	ng	# 86
27) 2,4-Dimethylphenol	8.49	122	188225	36.35	ng	95
28) bis(2-Chloroethoxy)methane	8.62	93	247366	36.78	ng	99
29) 2,4-Dichlorophenol	8.73	162	185859	38.24	ng	94
30) 1,2,4-Trichlorobenzene	8.84	180	191701	35.88	ng	97
31) Naphthalene	8.93	128	629117	37.70	ng	99
32) Benzoic acid	8.59	122	87452	34.76	ng	99
33) 4-Chloroaniline	9.00	127	85157	11.48	ng	# 92
34) Hexachlorobutadiene	9.09	225	111109	36.42	ng	99
35) Caprolactam	9.42	113	53316	35.93	ng	96
36) 4-Chloro-3-methylphenol	9.61	107	187993	38.48	ng	94
37) 2-Methylnaphthalene	9.79	142	426447	35.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	192493	38.16	ng	98
40) Hexachlorocyclopentadiene	9.98	237	210425	77.80	ng	96
42) 2,4,6-Trichlorophenol	10.14	196	136088	40.74	ng	98

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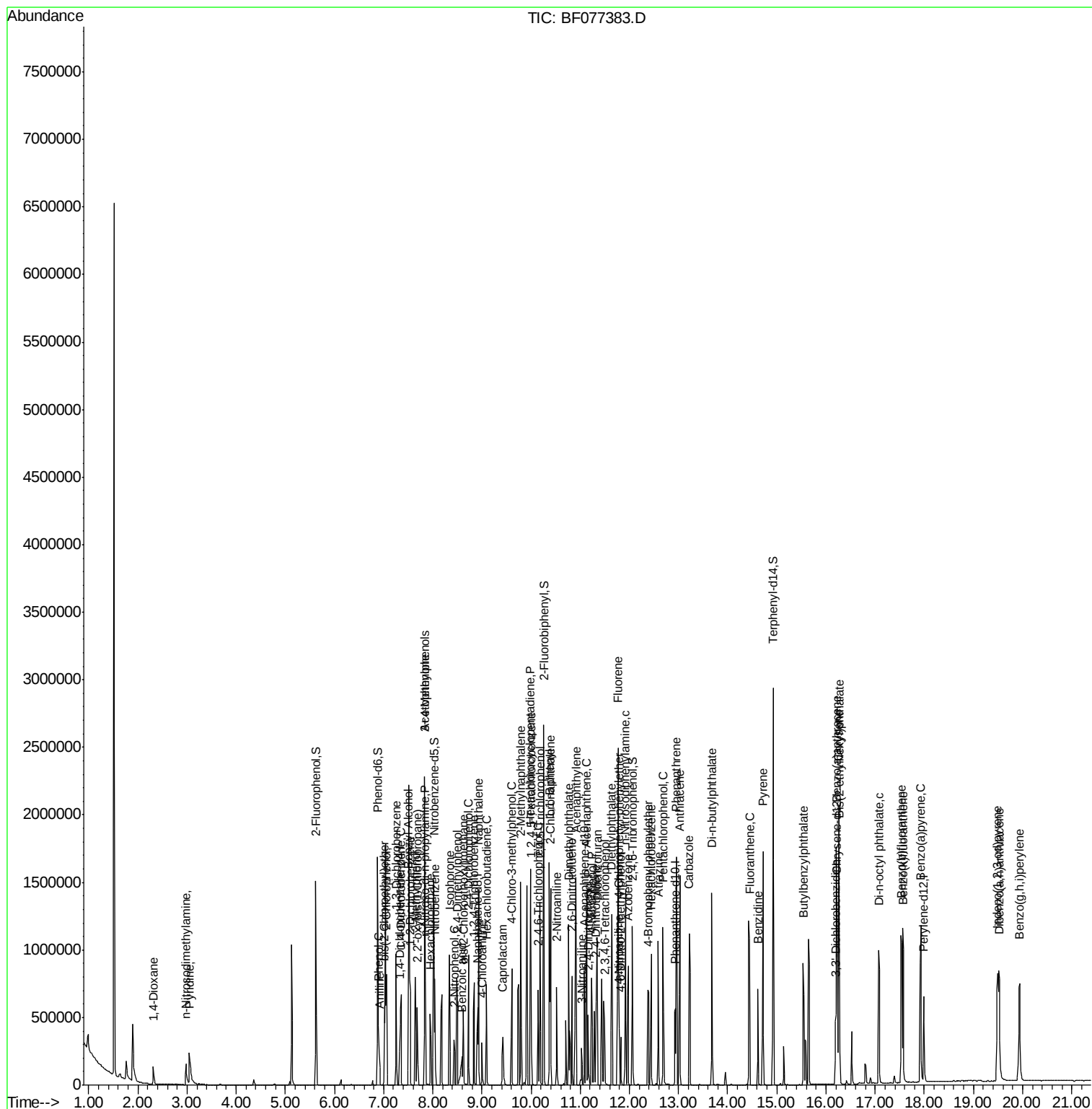
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.18	196	136333	38.17	ng	# 81
45) 1,1'-Biphenyl	10.37	154	517756	38.88	ng	98
46) 2-Chloronaphthalene	10.40	162	421666	40.37	ng	97
47) 2-Nitroaniline	10.52	65	107009	41.62	ng	# 82
48) Acenaphthylene	10.91	152	684060	41.37	ng	100
49) Dimethylphthalate	10.76	163	489209	39.59	ng	99
50) 2,6-Dinitrotoluene	10.83	165	101985	41.15	ng	# 67
51) Acenaphthene	11.13	154	389947	39.52	ng	99
52) 3-Nitroaniline	11.03	138	49179	17.21	ng	# 80
53) 2,4-Dinitrophenol	11.16	184	59127	78.41	ng	# 64
54) Dibenzofuran	11.35	168	590033	38.73	ng	96
55) 4-Nitrophenol	11.23	139	166016	72.24	ng	# 61
56) 2,4-Dinitrotoluene	11.32	165	131185	39.18	ng	# 68
57) Fluorene	11.77	166	490916	40.30	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	111902	38.97	ng	99
59) Diethylphthalate	11.64	149	475967	39.07	ng	97
60) 4-Chlorophenyl-phenylether	11.78	204	225802	38.48	ng	92
61) 4-Nitroaniline	11.79	138	100459	36.69	ng	88
62) Azobenzene	11.97	77	439231	38.00	ng	91
64) 4,6-Dinitro-2-methylphenol	11.83	198	44165	35.49	ng	# 58
65) n-Nitrosodiphenylamine	11.92	169	393775	36.92	ng	98
66) 4-Bromophenyl-phenylether	12.39	248	142513	37.86	ng	# 91
67) Hexachlorobenzene	12.44	284	148835	36.84	ng	# 87
68) Atrazine	12.59	200	123469	35.61	ng	96
69) Pentachlorophenol	12.68	266	158633	74.71	ng	99
70) Phenanthrene	12.96	178	684668	36.75	ng	99
71) Anthracene	13.03	178	701949	37.97	ng	99
72) Carbazole	13.22	167	641216	36.48	ng	98
73) Di-n-butylphthalate	13.68	149	731718	35.45	ng	99
74) Fluoranthene	14.44	202	740370	36.38	ng	96
76) Benzidine	14.61	184	278178	25.33	ng	99
77) Pyrene	14.72	202	750866	37.76	ng	100
79) Butylbenzylphthalate	15.54	149	292406	35.74	ng	# 80
80) Benzo(a)anthracene	16.21	228	707011	37.11	ng	100
81) 3,3'-Dichlorobenzidine	16.19	252	110497	15.83	ng	98
82) Chrysene	16.26	228	667868	37.33	ng	99
83) Bis(2-ethylhexyl)phthalate	16.27	149	429819	32.76	ng	# 98
84) Di-n-octyl phthalate	17.07	149	709993	32.41	ng	100
85) Indeno(1,2,3-cd)pyrene	19.49	276	755807m	37.05	ng	
87) Benzo(b)fluoranthene	17.54	252	707671	38.39	ng	99
88) Benzo(k)fluoranthene	17.57	252	643353	35.61	ng	# 94
89) Benzo(a)pyrene	17.93	252	661517	37.68	ng	98
90) Dibenzo(a,h)anthracene	19.53	278	613819	36.66	ng	98
91) Benzo(g,h,i)perylene	19.94	276	628332	37.18	ng	96

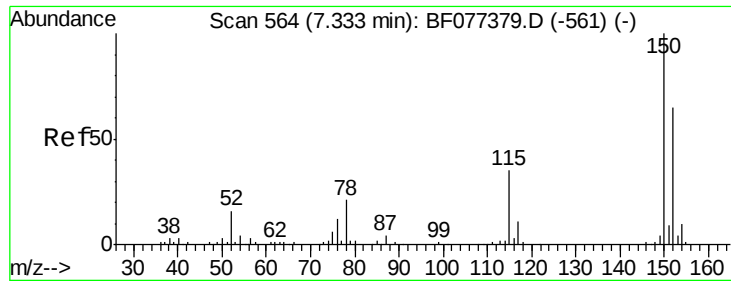
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

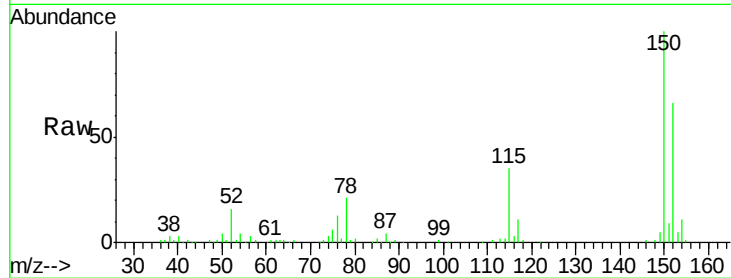
Tgt Ion:152 Resp: 83198

Ion Ratio Lower Upper

152 100

150 152.6 124.0 186.0

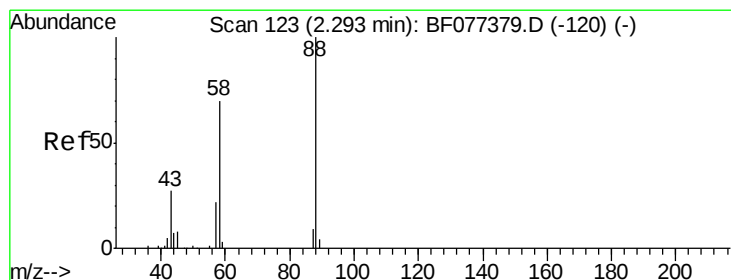
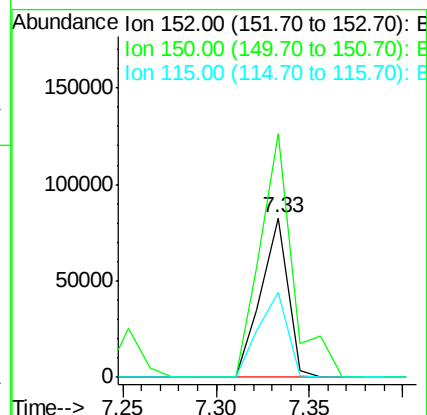
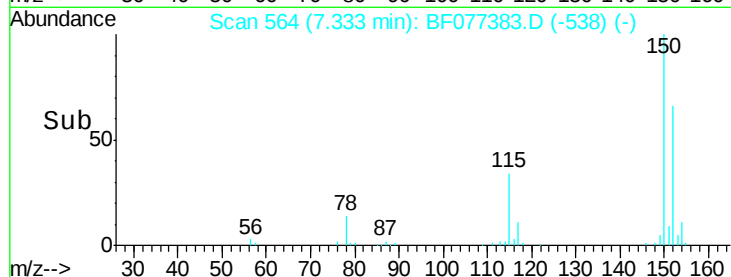
115 53.2 49.4 74.2



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: 28.89 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.02 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

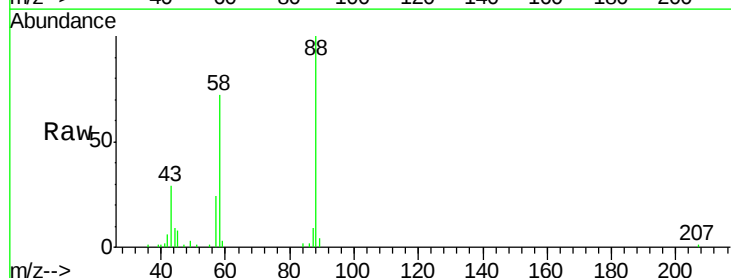
Tgt Ion: 88 Resp: 61086

Ion Ratio Lower Upper

88 100

58 75.9 62.1 93.1

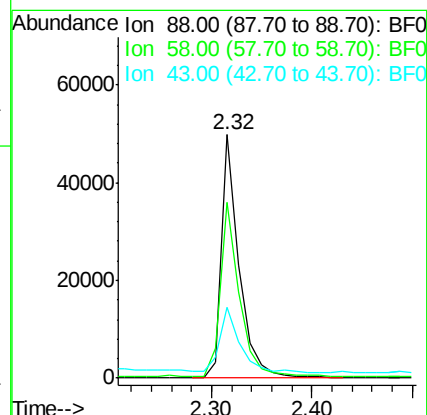
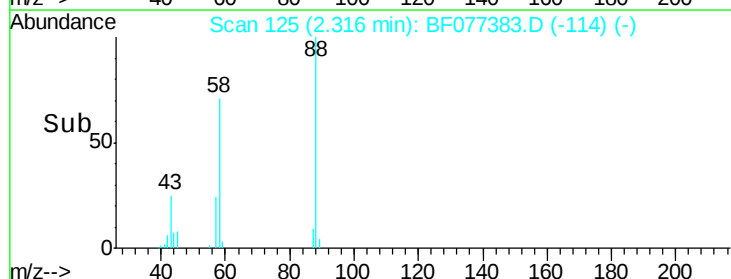
43 30.8 24.0 36.0

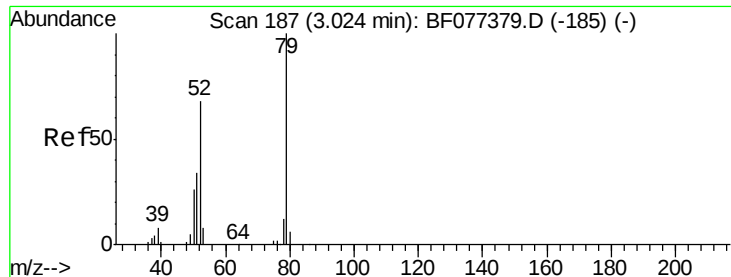


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.06 ng

RT: 3.05 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF077383.D

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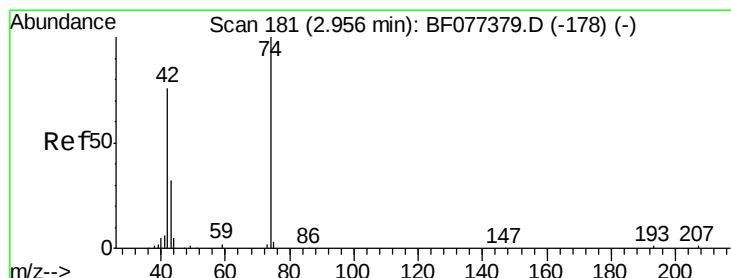
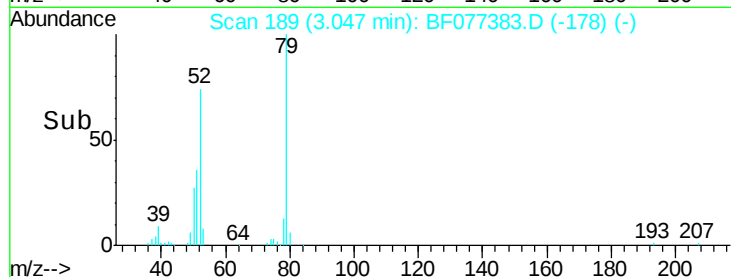
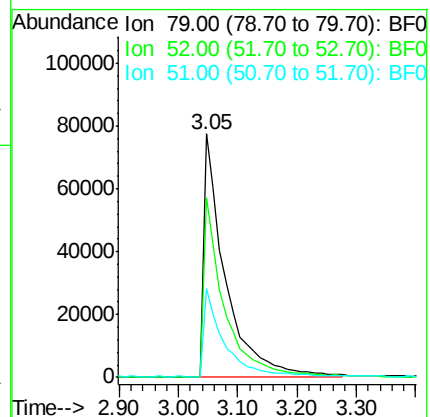
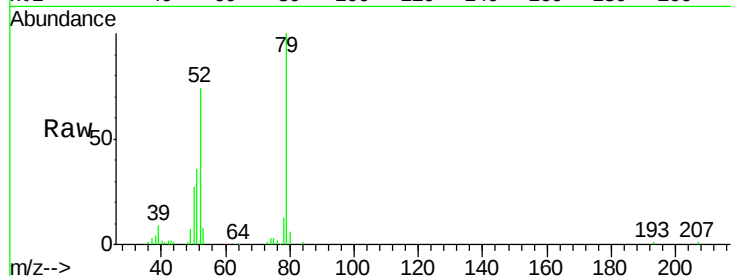
Tgt Ion: 79 Resp: 200008

Ion Ratio Lower Upper

79 100

52 73.7 57.7 86.5

51 36.4 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 34.30 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.02 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

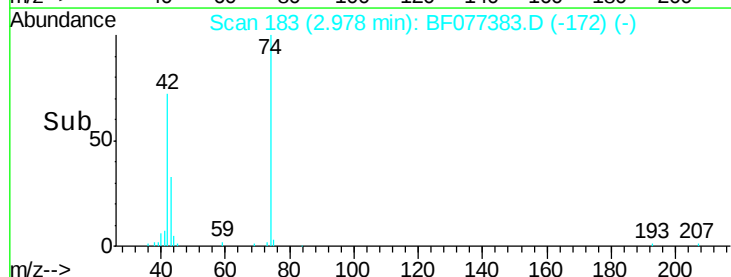
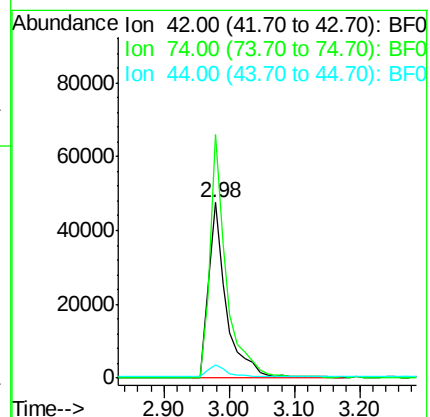
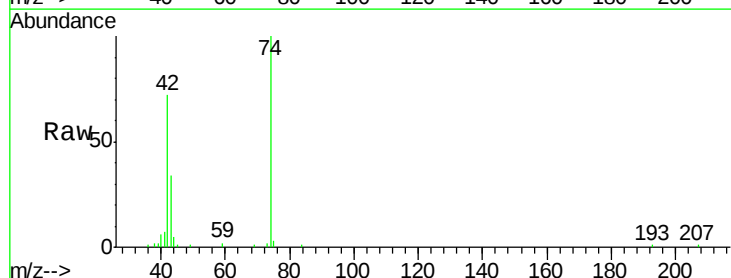
Tgt Ion: 42 Resp: 90215

Ion Ratio Lower Upper

42 100

74 138.7 107.1 160.7

44 7.3 6.7 10.1





#5

2-Fluorophenol

Concen: 92.70 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

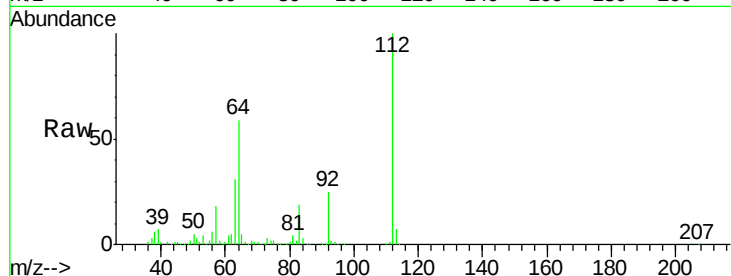
Tgt Ion: 112 Resp: 461993

Ion Ratio Lower Upper

112 100

64 59.4 48.5 72.7

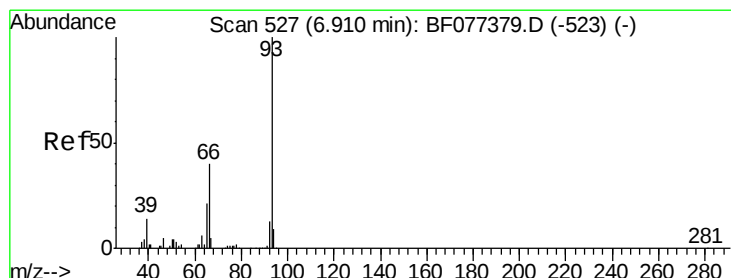
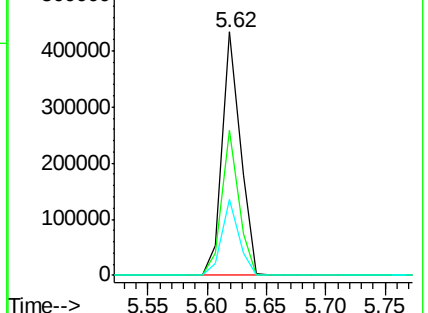
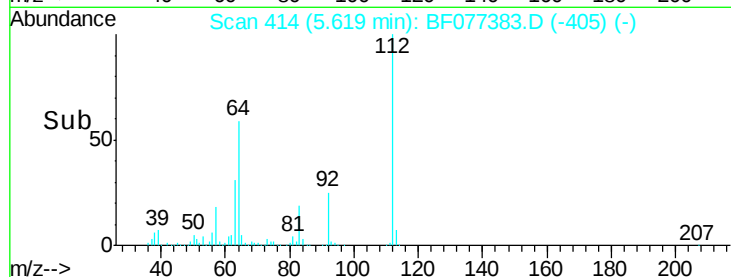
63 31.1 25.0 37.4



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: 11.89 ng

RT: 6.91 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

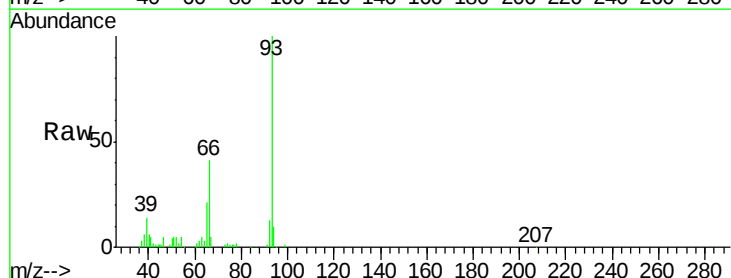
Tgt Ion: 93 Resp: 105340

Ion Ratio Lower Upper

93 100

66 41.3 29.1 43.7

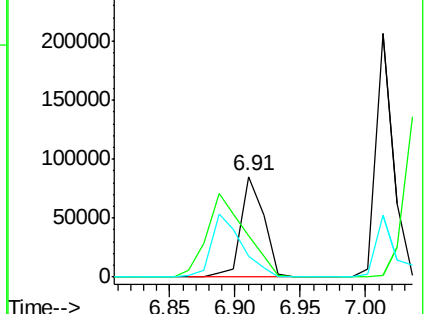
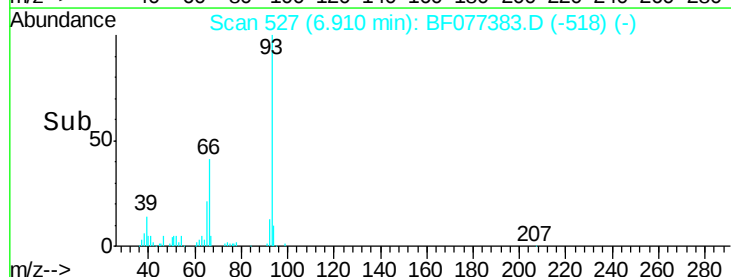
65 21.1 14.6 22.0

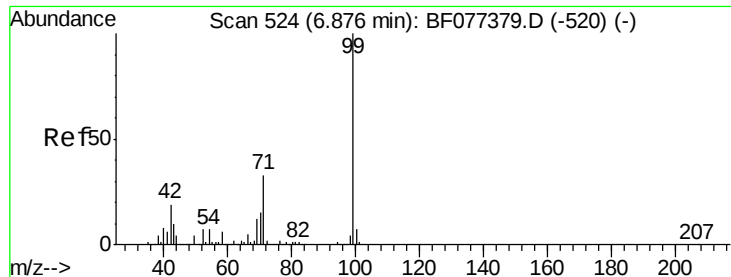


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.44 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

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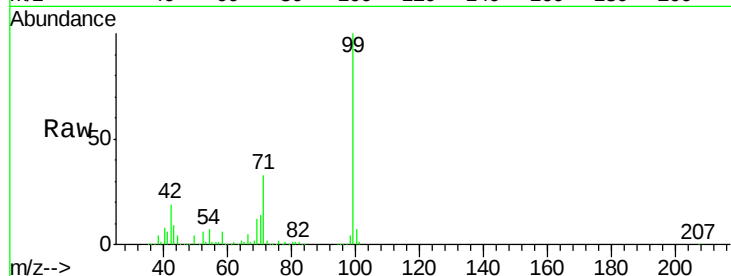
Tgt Ion: 99 Resp: 585916

Ion Ratio Lower Upper

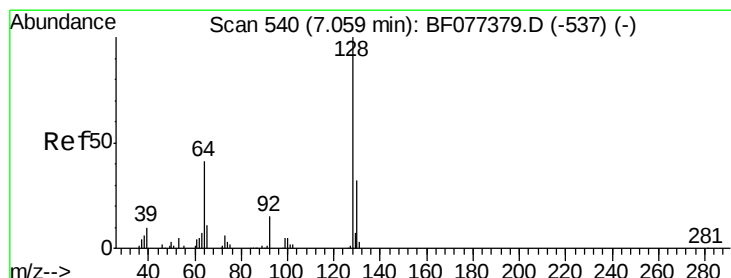
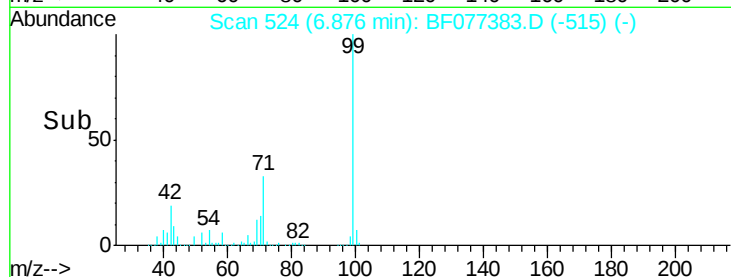
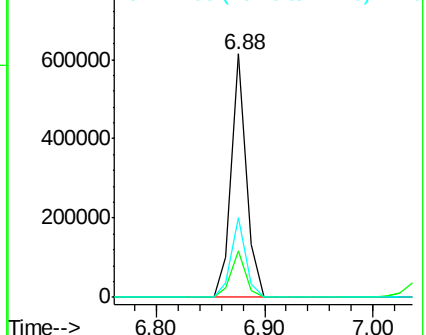
99 100

42 19.1 16.2 24.4

71 32.9 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.10 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

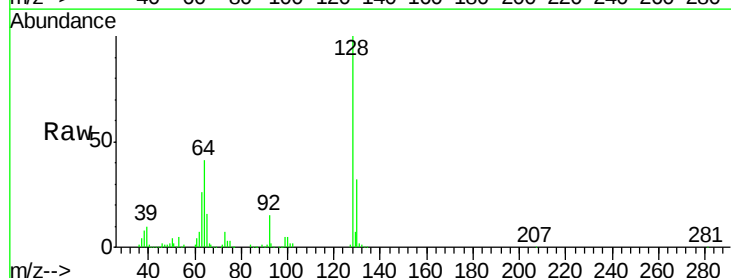
Tgt Ion: 128 Resp: 218097

Ion Ratio Lower Upper

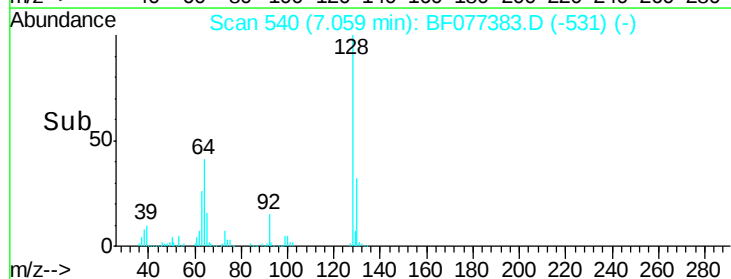
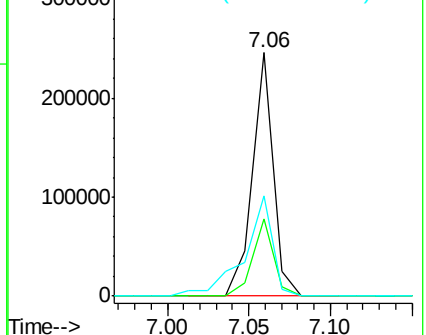
128 100

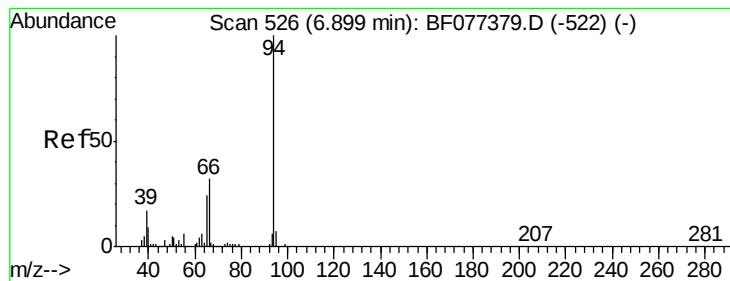
130 31.9 12.0 52.0

64 41.3 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 31.84 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

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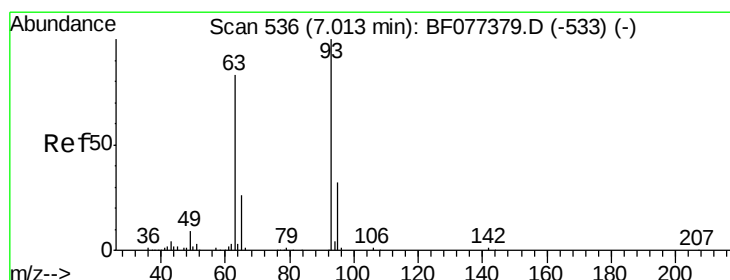
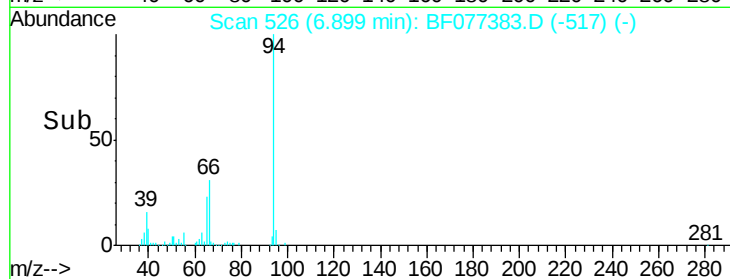
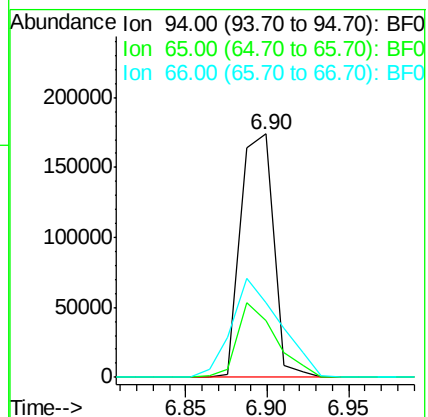
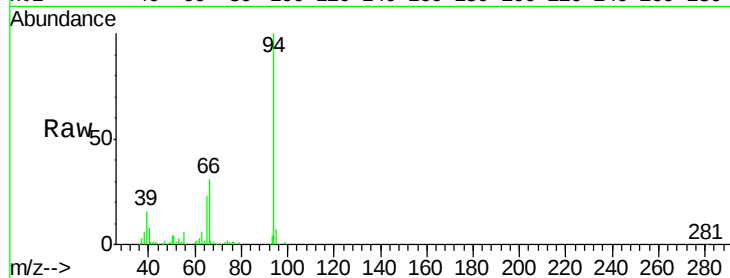
Tgt Ion: 94 Resp: 242106

Ion Ratio Lower Upper

94 100

65 23.3 5.7 45.7

66 30.6 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 35.06 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077383.D

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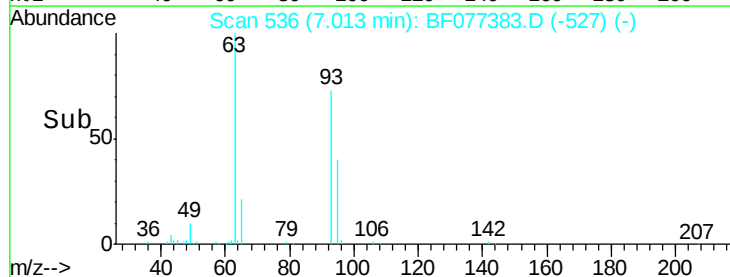
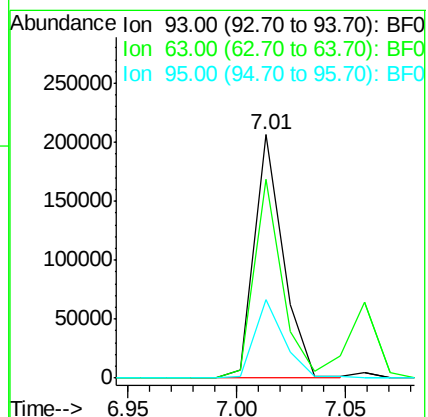
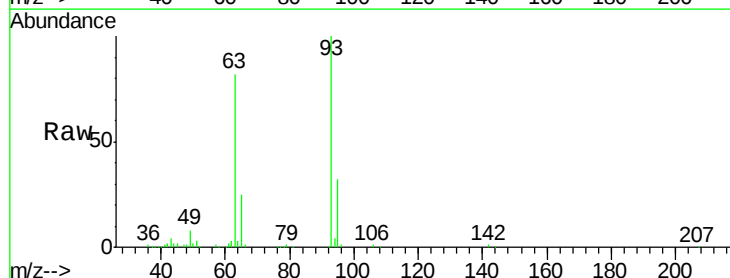
Tgt Ion: 93 Resp: 191545

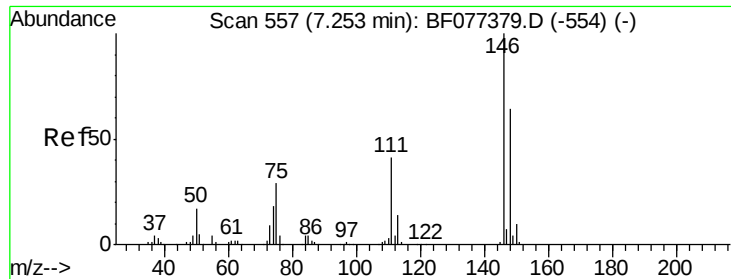
Ion Ratio Lower Upper

93 100

63 81.8 48.7 88.7

95 32.1 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 34.82 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

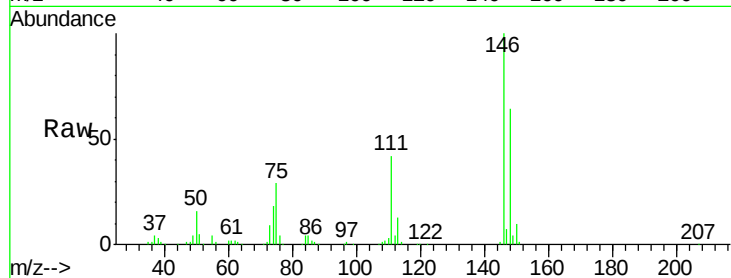
Tgt Ion:146 Resp: 222896

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.8

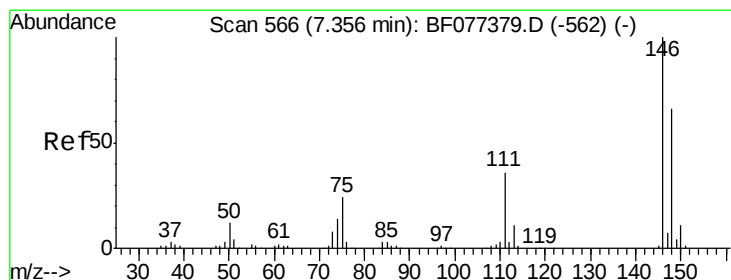
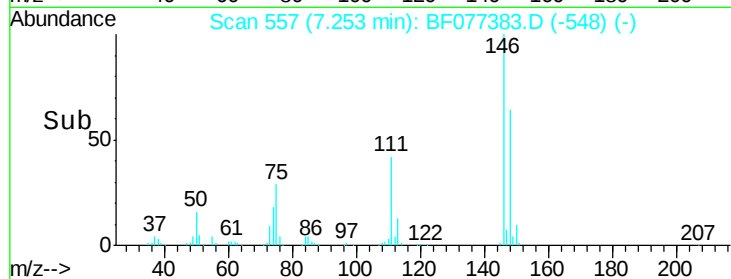
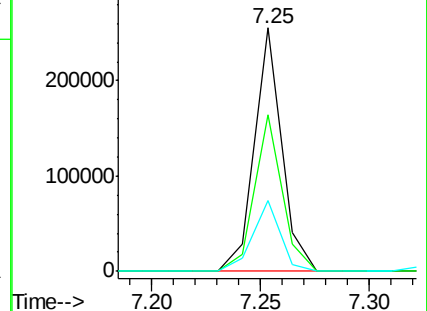
75 29.2 28.2 42.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 34.58 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

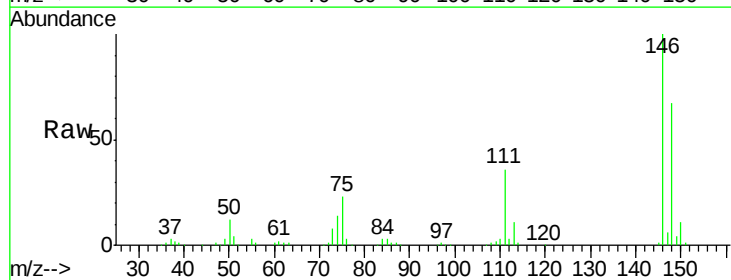
Tgt Ion:146 Resp: 225222

Ion Ratio Lower Upper

146 100

148 66.9 52.0 78.0

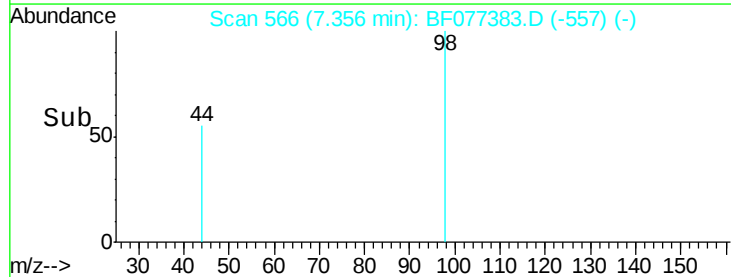
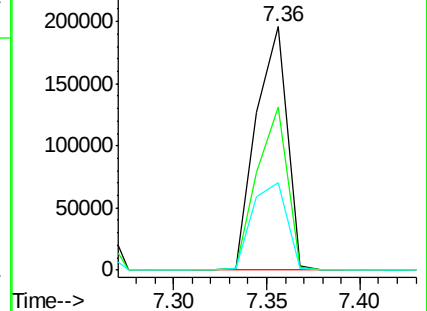
111 36.0 31.9 47.9

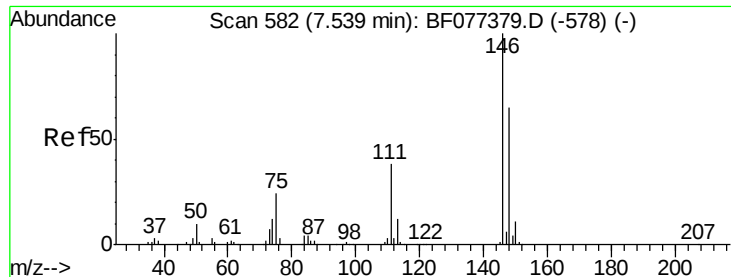


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 34.29 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

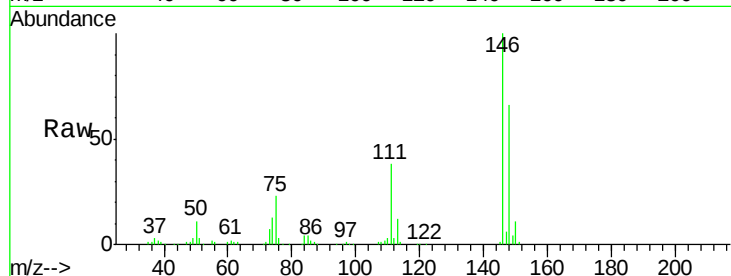
Tgt Ion:146 Resp: 212433

Ion Ratio Lower Upper

146 100

148 66.1 51.6 77.4

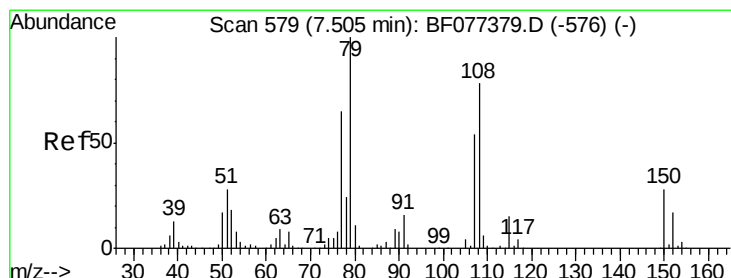
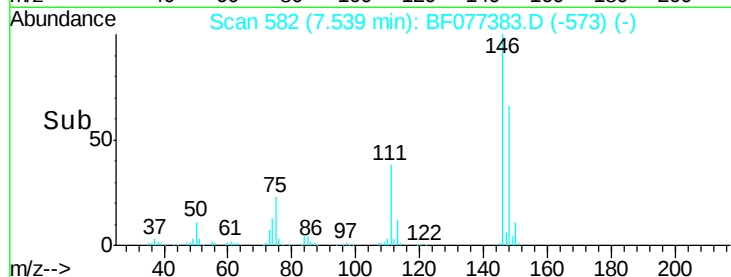
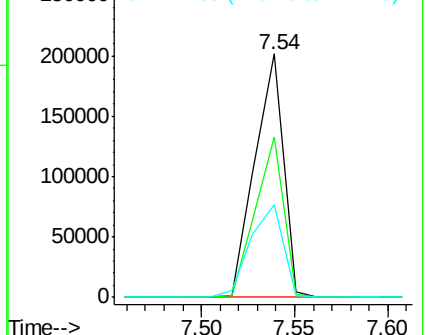
111 38.0 34.2 51.2



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: 35.76 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

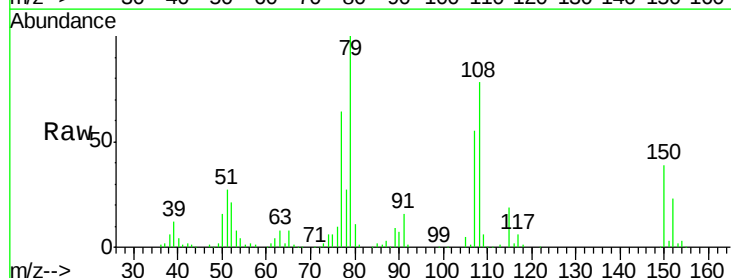
Tgt Ion: 79 Resp: 174178

Ion Ratio Lower Upper

79 100

108 78.2 58.3 87.5

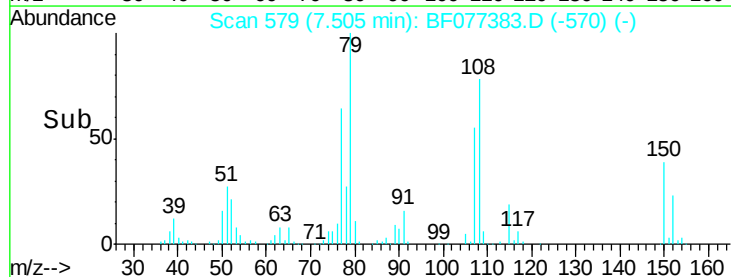
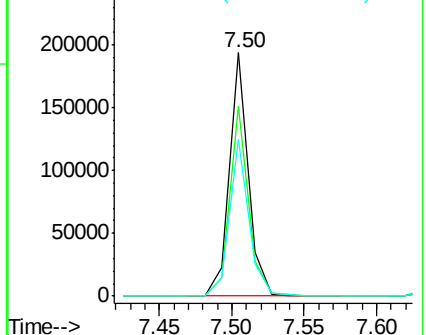
77 64.1 51.3 76.9

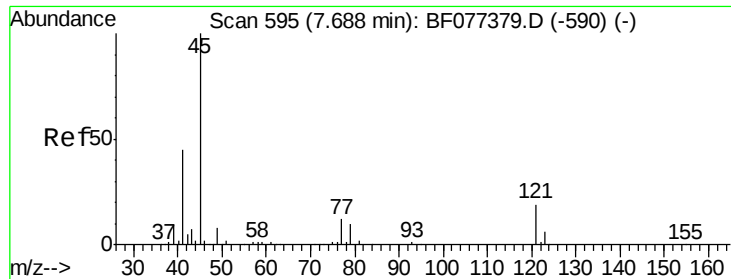


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

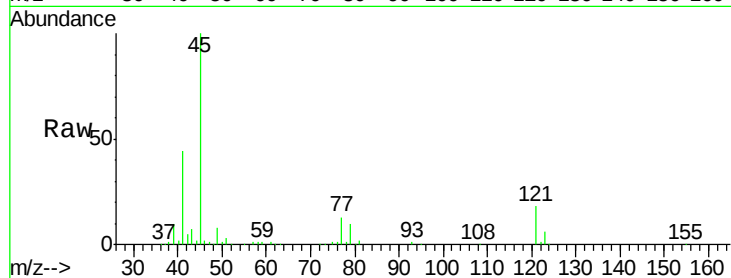




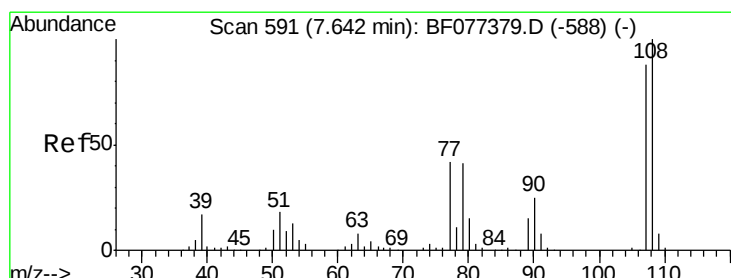
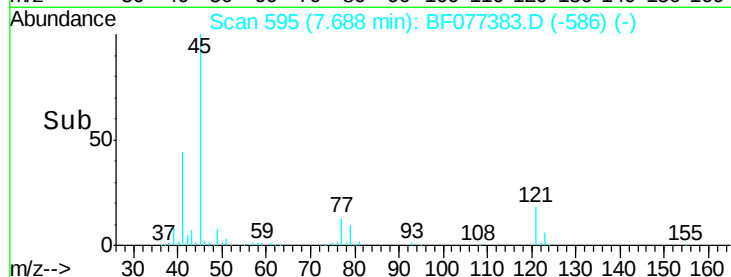
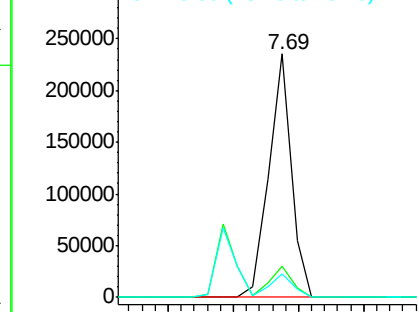
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.56 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	34.6
79	9.8	0.0	31.5

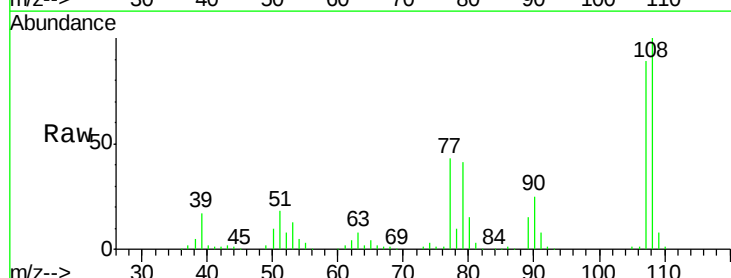


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

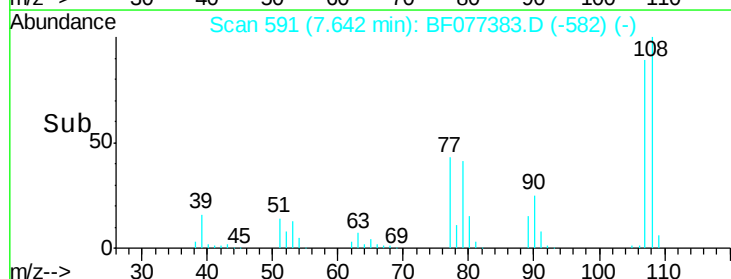
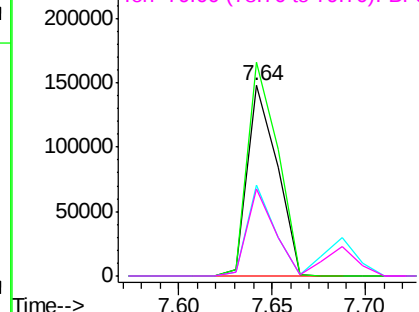


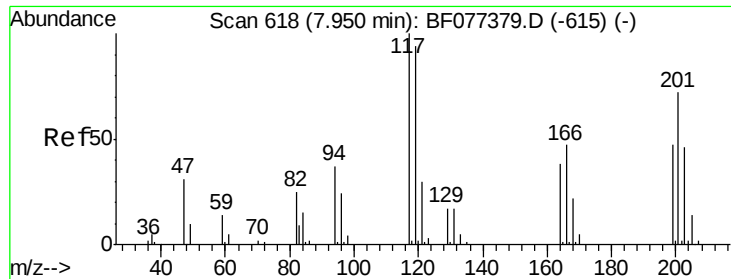
#17
2-Methylphenol
Concen: 35.49 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.2	136.8
77	48.0	33.6	50.4
79	45.9	32.1	48.1



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

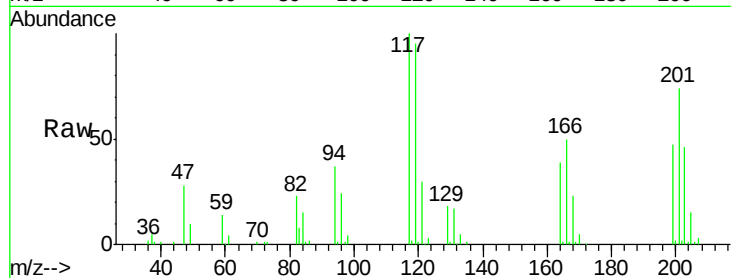




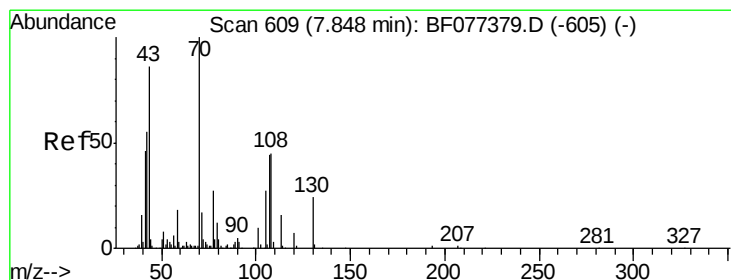
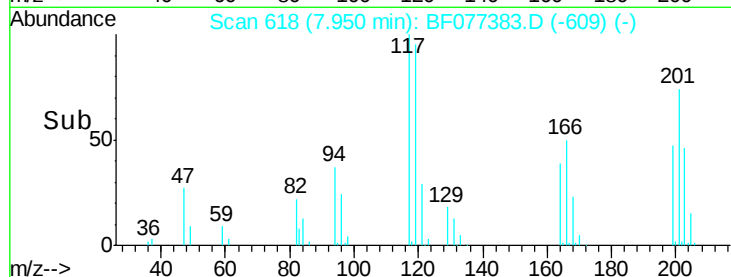
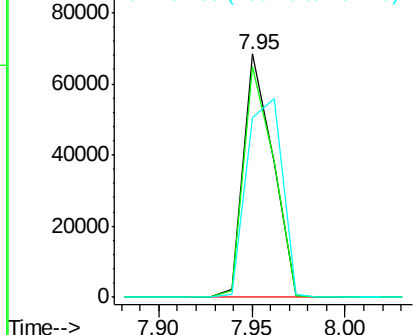
#18
Hexachloroethane
Concen: 34.35 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion: 117 Resp: 74721
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.8
201 73.7 90.6 136.0#

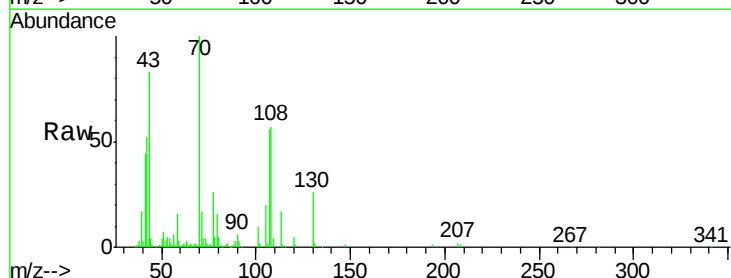


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

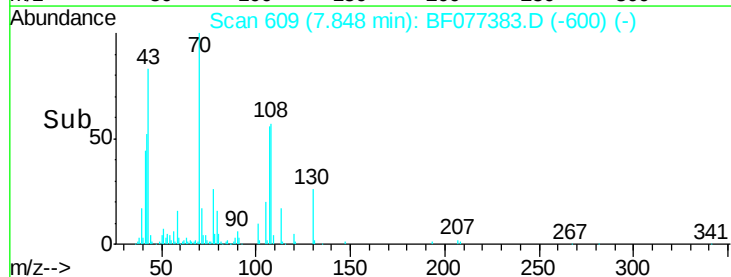
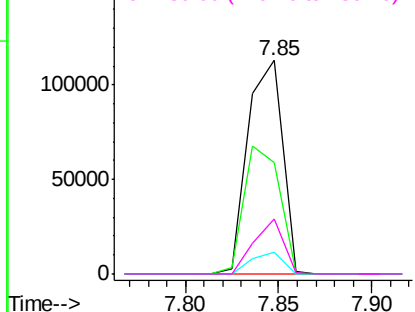


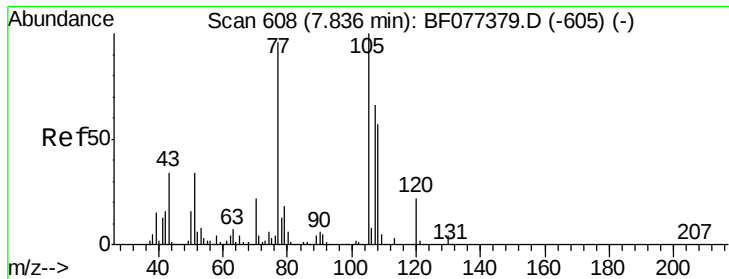
#19
n-Nitroso-di-n-propylamine
Concen: 35.85 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion: 70 Resp: 145892
Ion Ratio Lower Upper
70 100
42 52.2 48.3 72.5
101 10.5 7.5 11.3
130 25.6 16.7 25.1#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

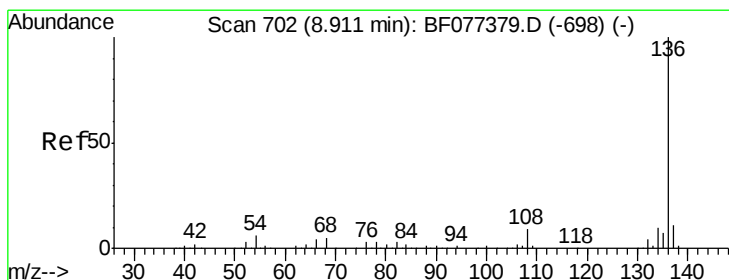
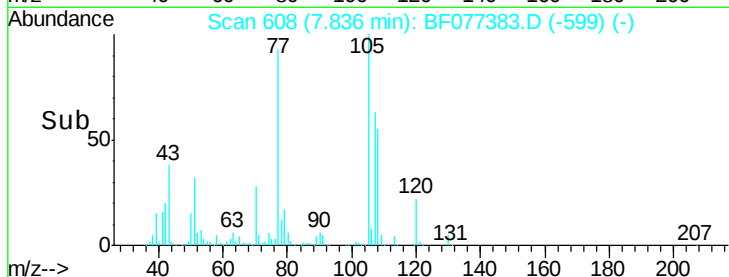
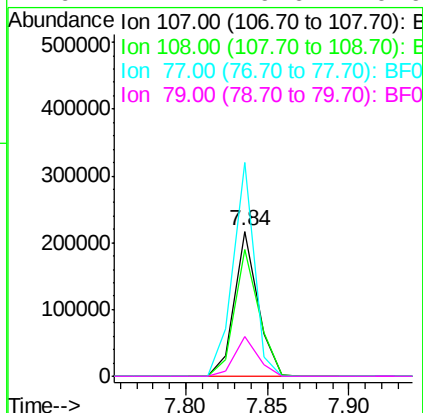
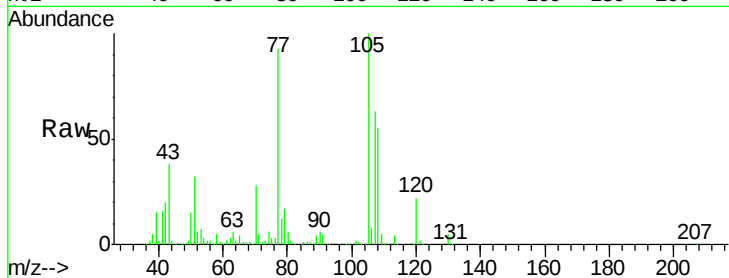




#20
3+4-Methylphenols
Concen: 35.66 ng
RT: 7.84 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

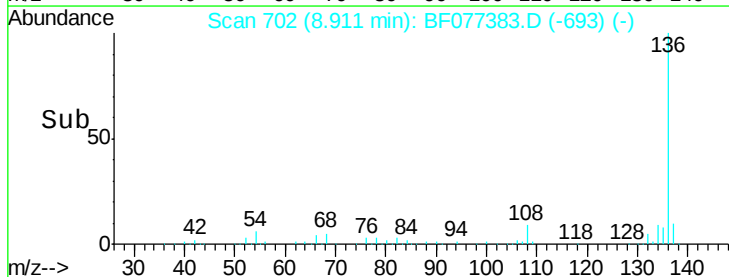
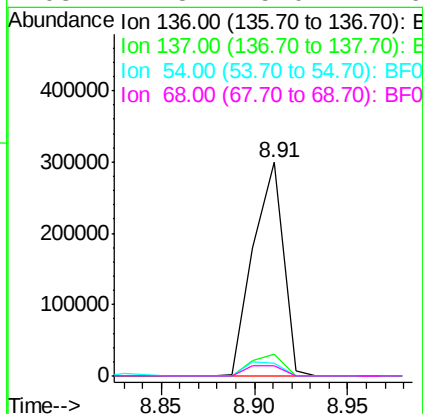
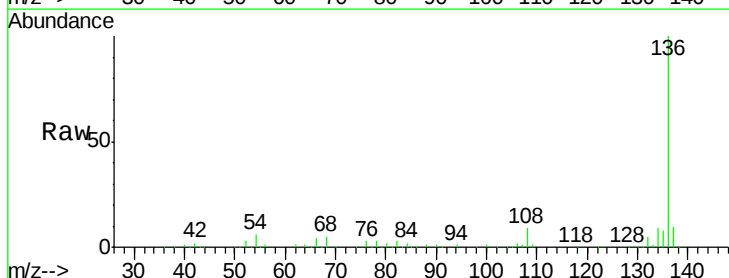
Instrument :
BNA_F
ClientSampleId :
PB81812BS

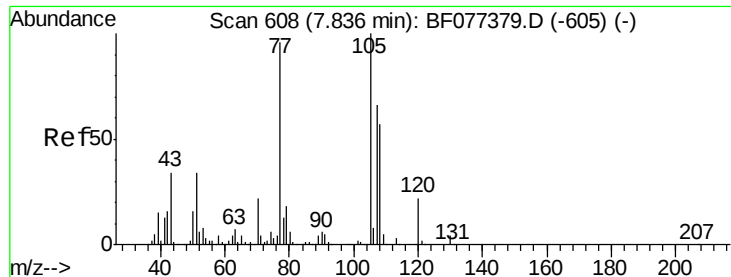
Tgt Ion:107 Resp: 215808
Ion Ratio Lower Upper
107 100
108 87.2 76.8 116.8
77 147.4 65.8 105.8#
79 27.1 9.6 49.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion:136 Resp: 333725
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 6.0 6.2 9.4#
68 4.8 5.0 7.6#





#22

Acetophenone

Concen: 37.61 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

Tgt Ion: 105 Resp: 295260

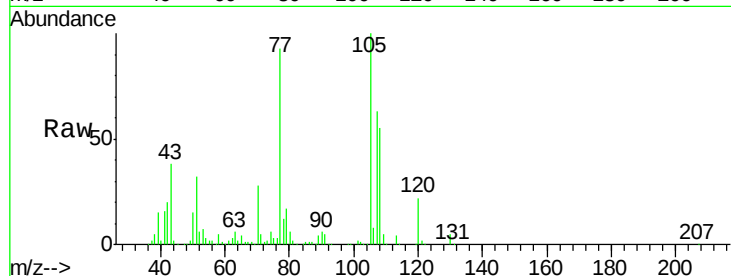
Ion Ratio Lower Upper

105 100

71 4.8 1.7 2.5#

51 32.0 30.7 46.1

120 22.3 16.7 25.1

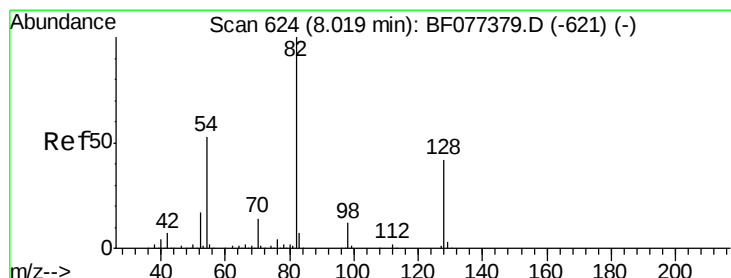
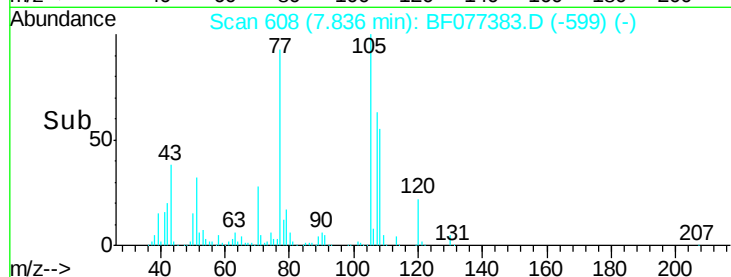
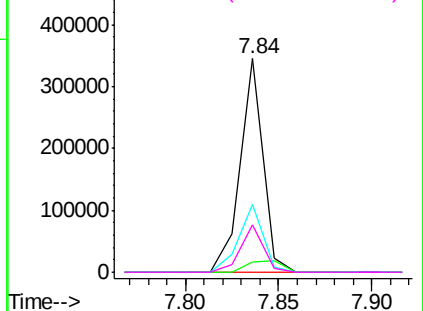


Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.82 ng

RT: 8.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

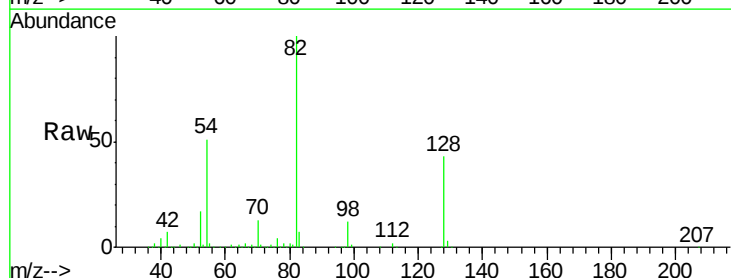
Tgt Ion: 82 Resp: 482022

Ion Ratio Lower Upper

82 100

128 42.7 43.8 65.8#

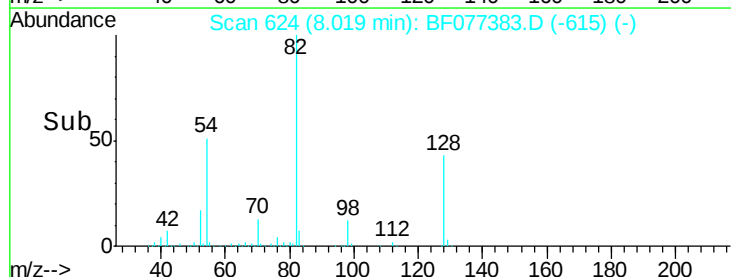
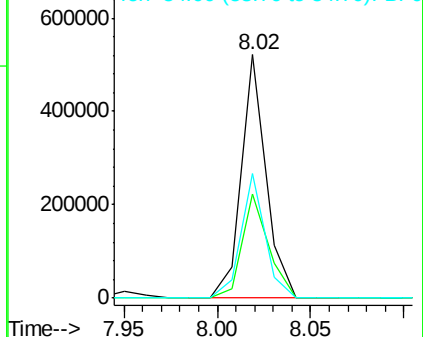
54 51.3 36.7 55.1

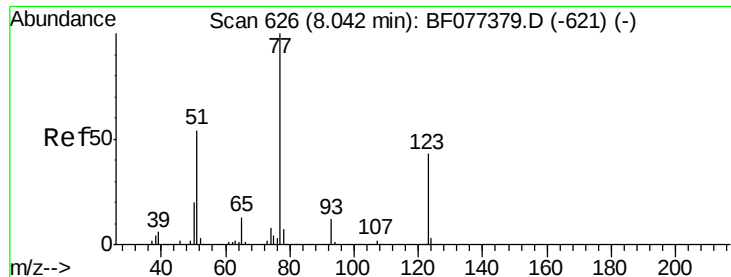


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.72 ng

RT: 8.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

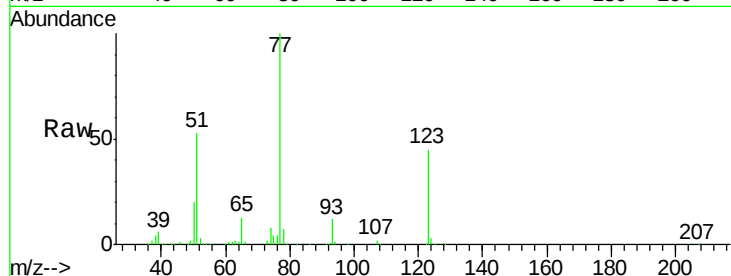
Tgt Ion: 77 Resp: 212980

Ion Ratio Lower Upper

77 100

123 45.0 45.9 68.9#

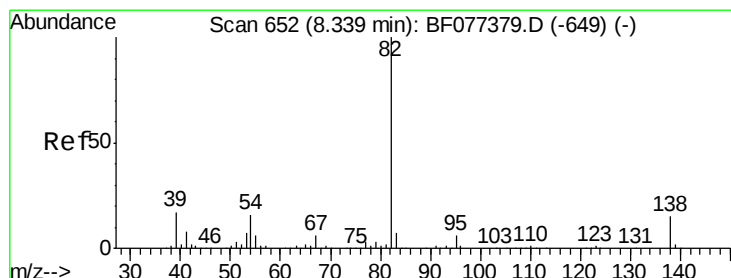
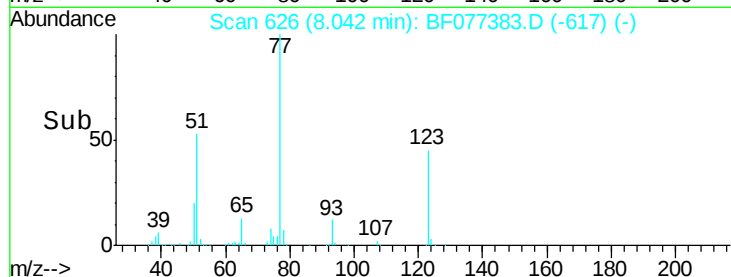
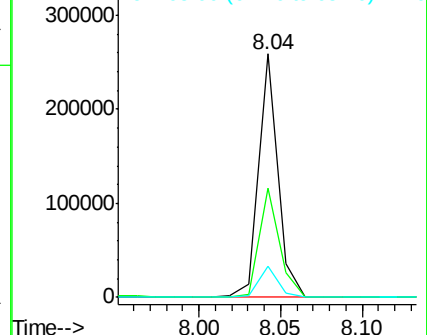
65 12.9 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 36.26 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

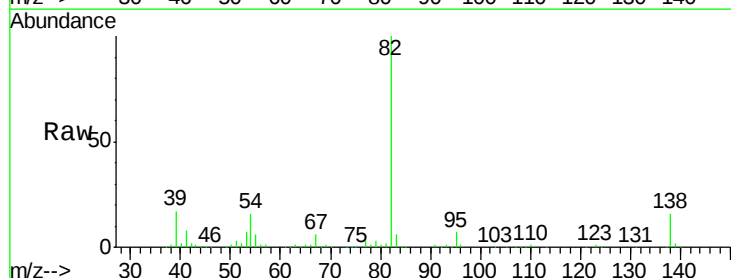
Tgt Ion: 82 Resp: 386059

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

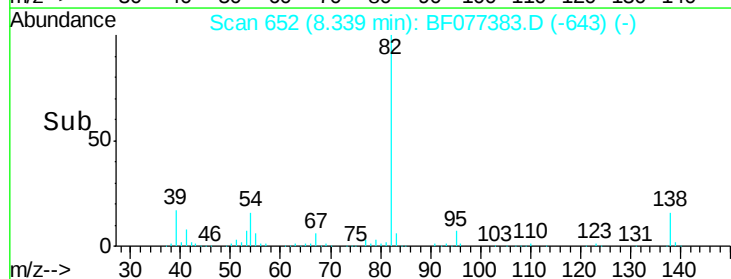
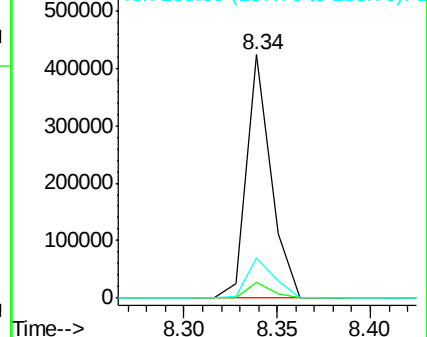
138 16.3 16.3 24.5#

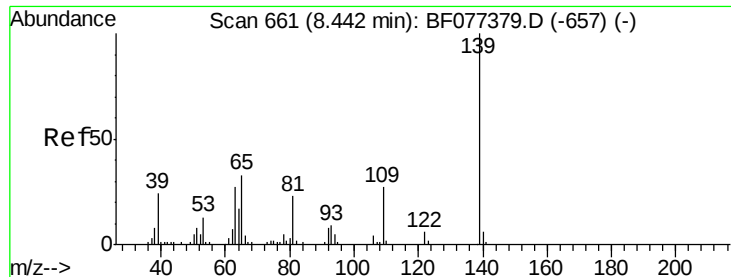


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

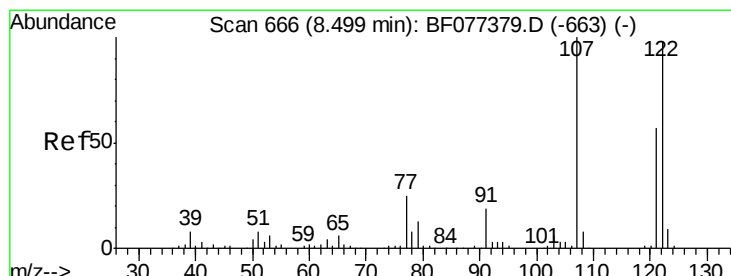
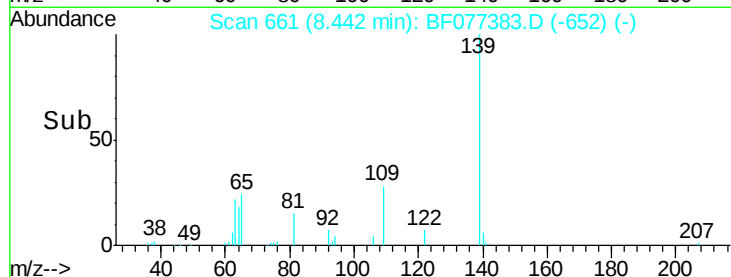
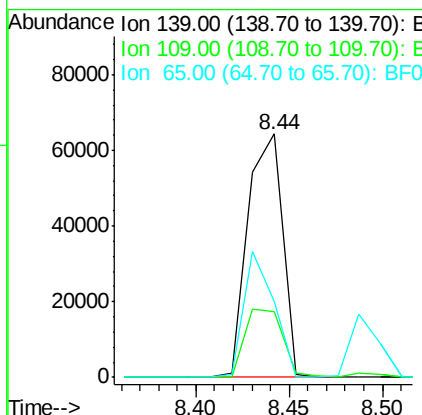
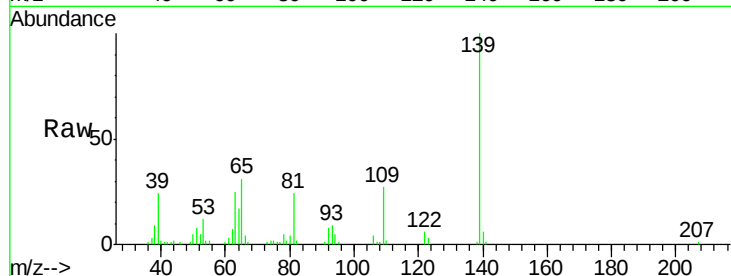




#26
 2-Nitrophenol
 Concen: 35.75 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

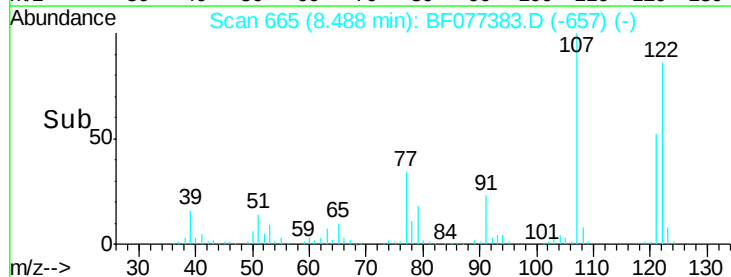
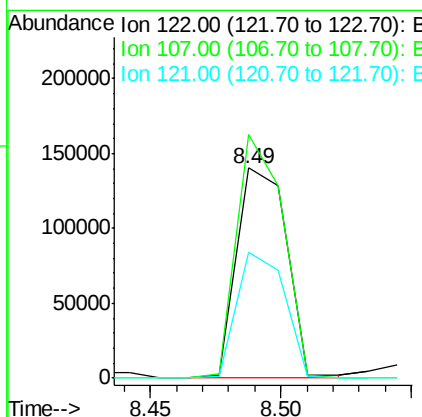
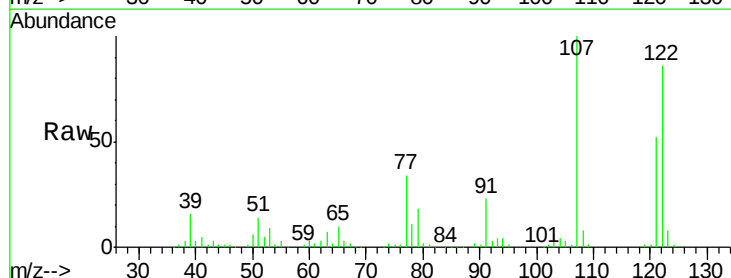
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

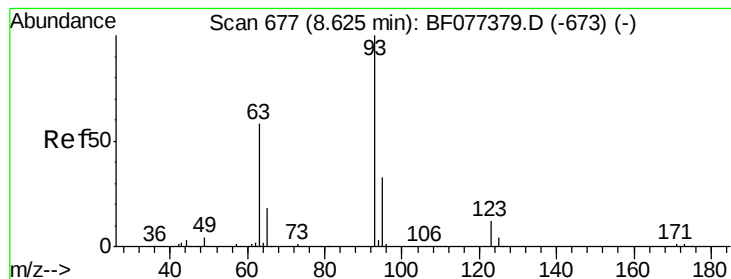
Tgt Ion:139 Resp: 82743
 Ion Ratio Lower Upper
 139 100
 109 27.0 22.6 34.0
 65 31.1 36.4 54.6#



#27
 2,4-Dimethylphenol
 Concen: 36.35 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion:122 Resp: 188225
 Ion Ratio Lower Upper
 122 100
 107 116.0 86.6 130.0
 121 59.8 47.4 71.0





#28

bis(2-Chloroethoxy)methane

Concen: 36.78 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

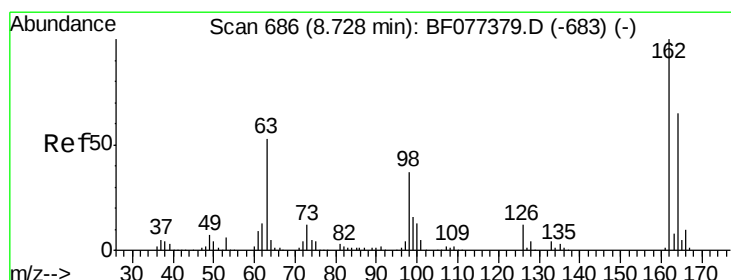
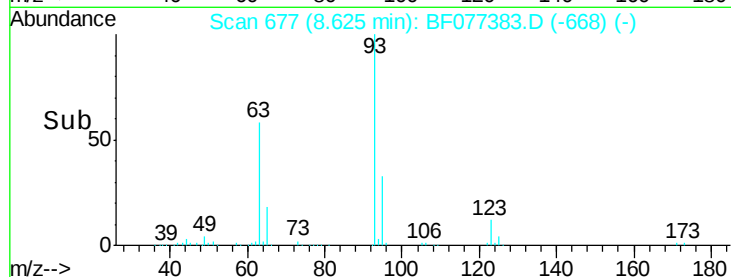
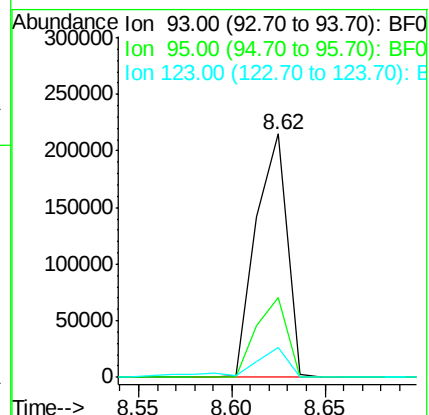
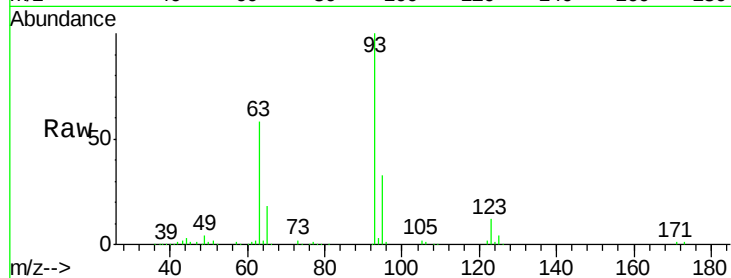
Tgt Ion: 93 Resp: 247366

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.3 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 38.24 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

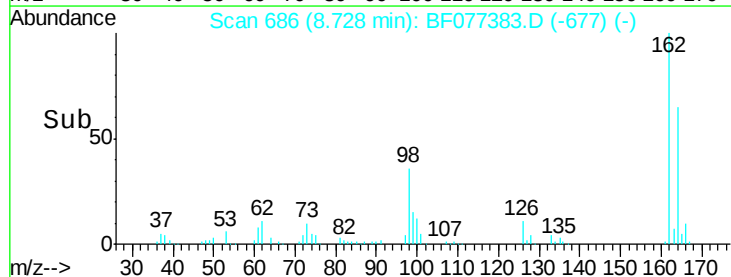
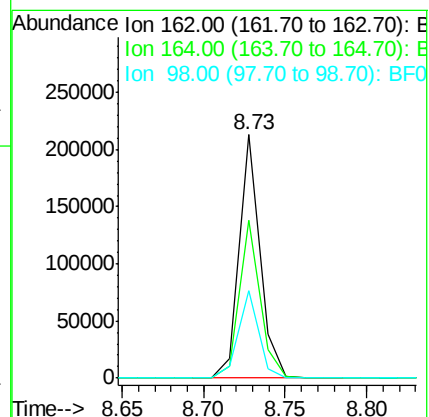
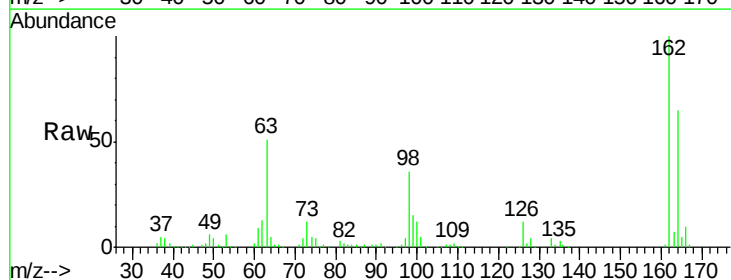
Tgt Ion: 162 Resp: 185859

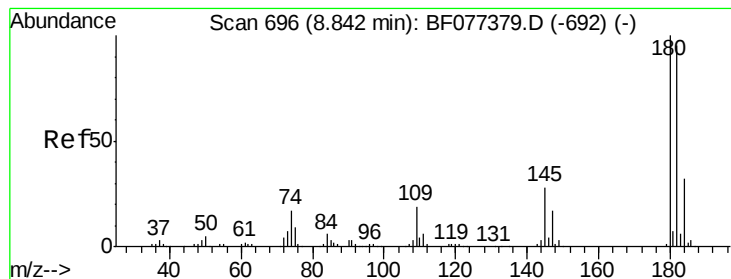
Ion Ratio Lower Upper

162 100

164 64.9 46.4 86.4

98 35.9 6.9 46.9





#30

1,2,4-Trichlorobenzene

Concen: 35.88 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

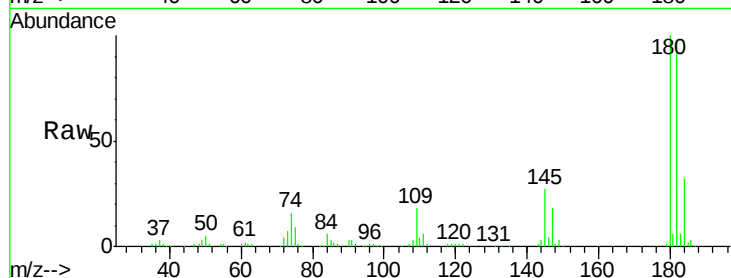
Tgt Ion:180 Resp: 191701

Ion Ratio Lower Upper

180 100

182 97.1 76.2 114.4

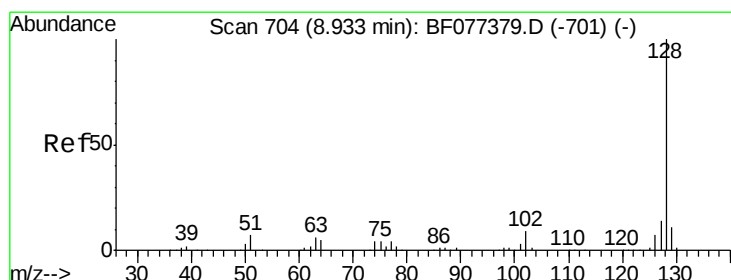
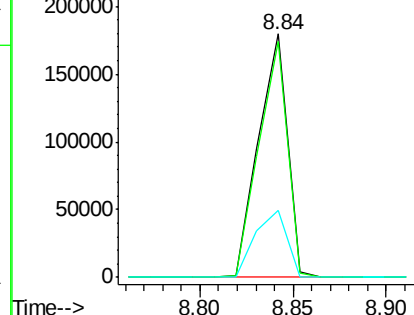
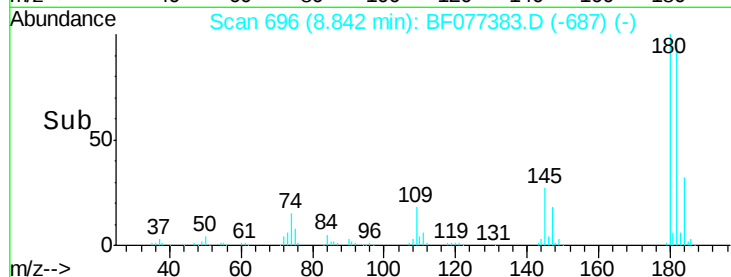
145 27.4 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 37.70 ng

RT: 8.93 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

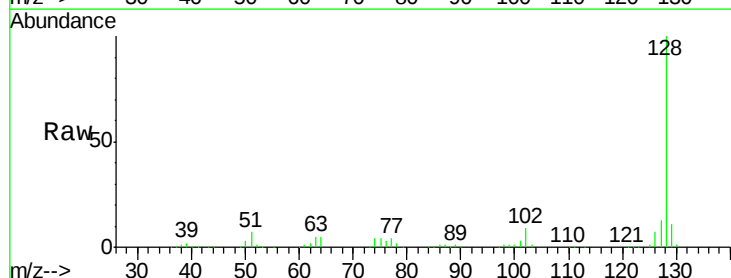
Tgt Ion:128 Resp: 629117

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

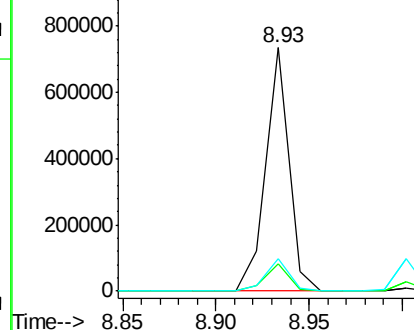
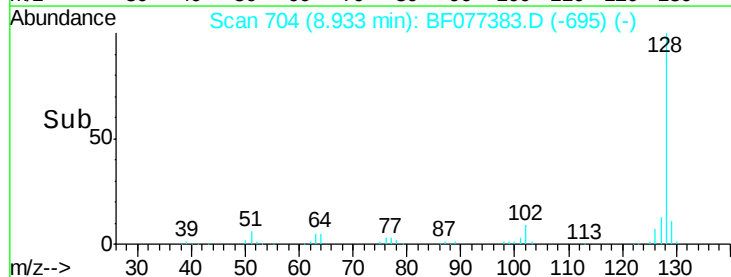
127 13.4 10.6 15.8

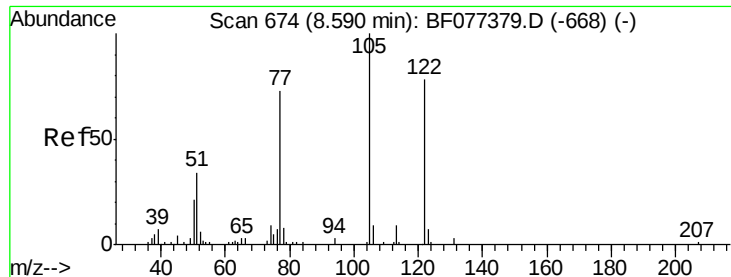


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

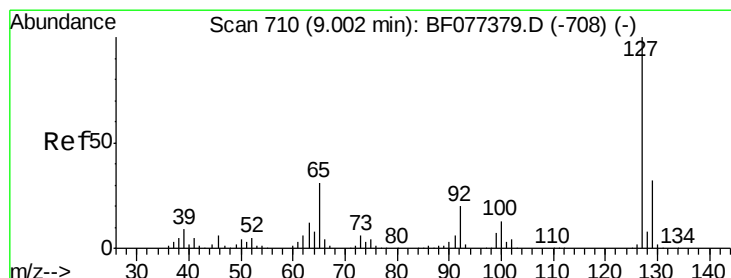
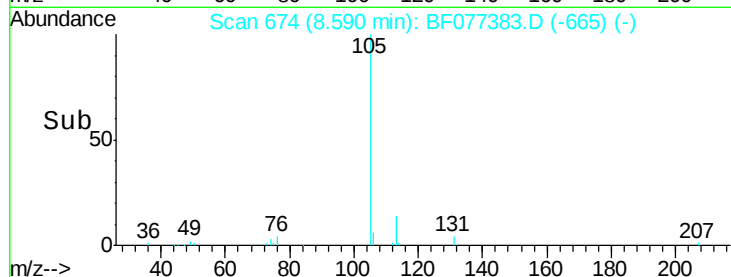
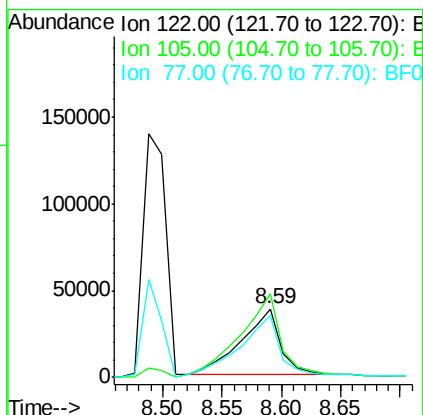
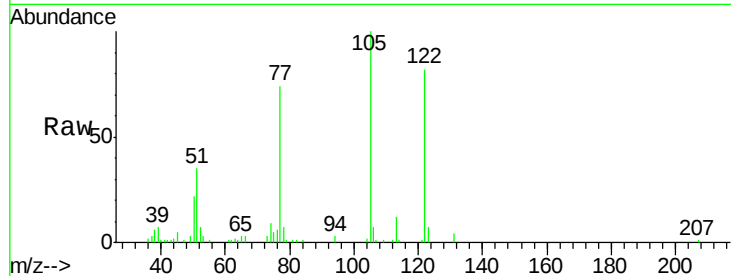




#32
Benzoic acid
Concen: 34.76 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

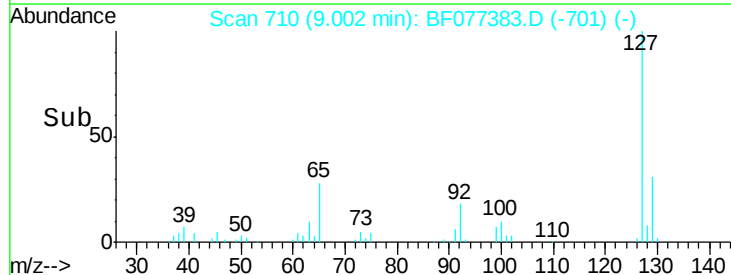
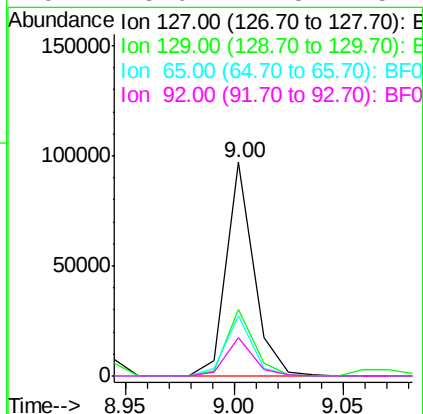
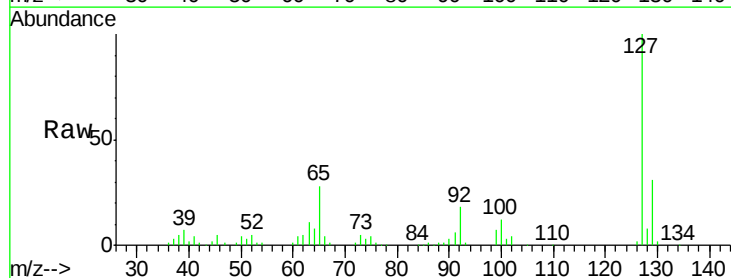
Instrument :
BNA_F
ClientSampleId :
PB81812BS

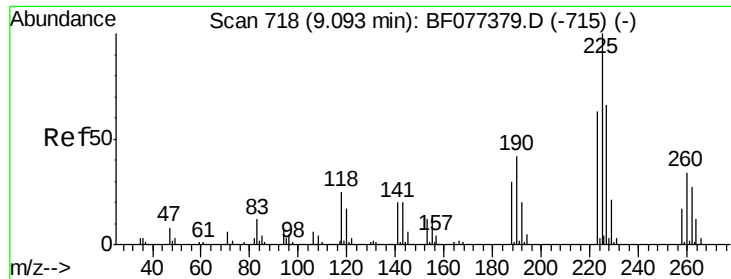
Tgt Ion:122 Resp: 87452
Ion Ratio Lower Upper
122 100
105 121.4 100.3 140.3
77 89.8 68.7 108.7



#33
4-Chloroaniline
Concen: 11.48 ng
RT: 9.00 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion:127 Resp: 85157
Ion Ratio Lower Upper
127 100
129 31.1 26.9 40.3
65 28.1 16.7 25.1#
92 18.0 12.5 18.7





#34

Hexachlorobutadiene

Concen: 36.42 ng

RT: 9.09 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

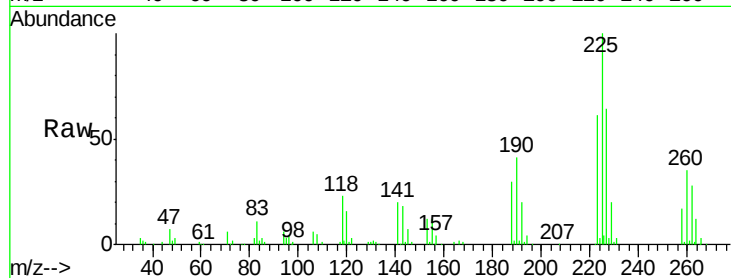
Tgt Ion:225 Resp: 111109

Ion Ratio Lower Upper

225 100

223 61.2 49.5 74.3

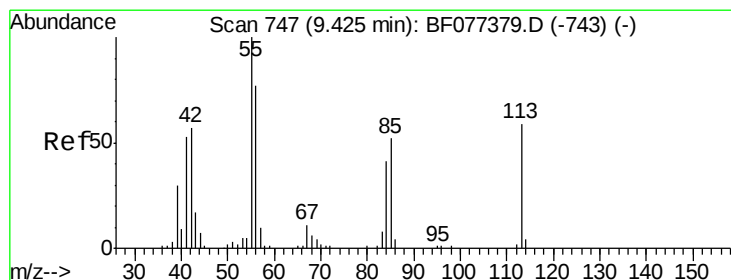
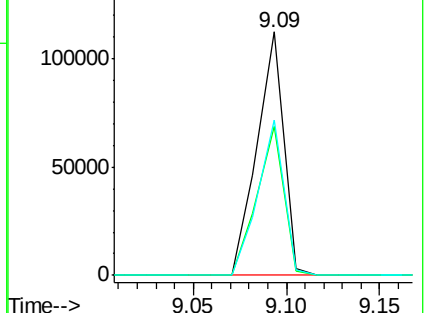
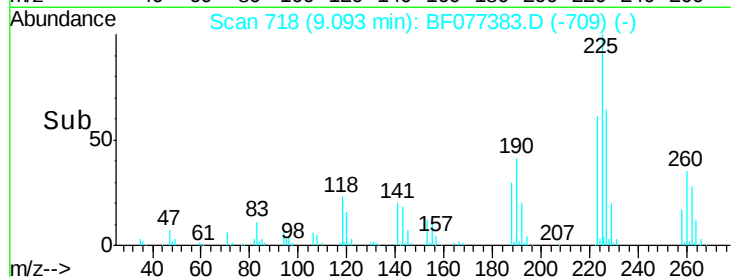
227 63.9 50.5 75.7



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: 35.93 ng

RT: 9.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

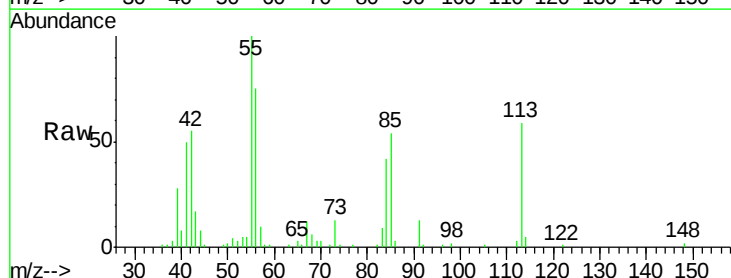
Tgt Ion:113 Resp: 53316

Ion Ratio Lower Upper

113 100

55 170.6 154.6 194.6

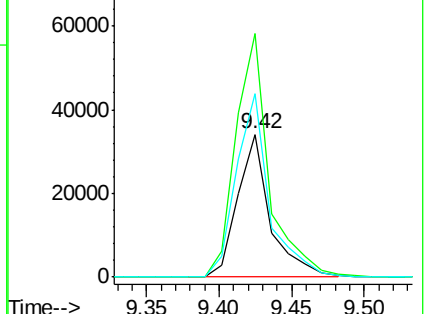
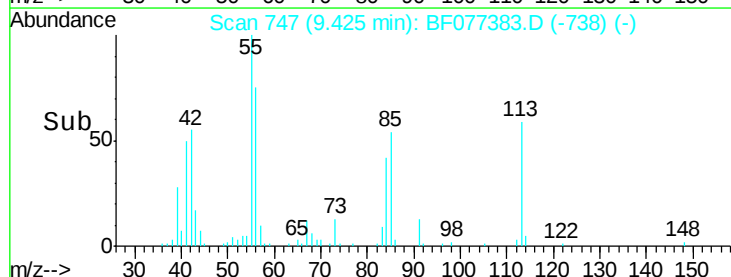
56 128.3 114.0 154.0

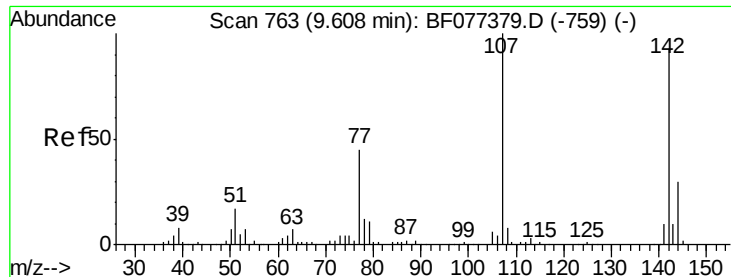


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

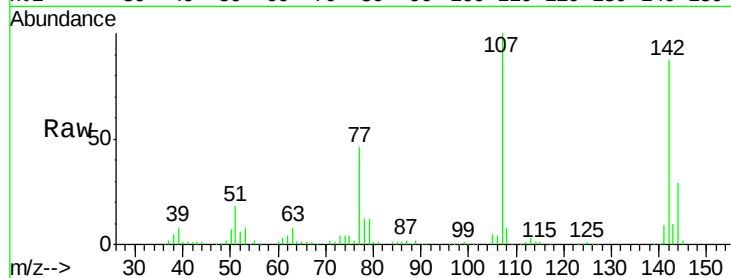




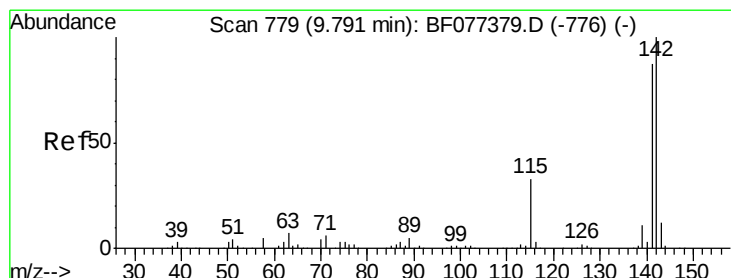
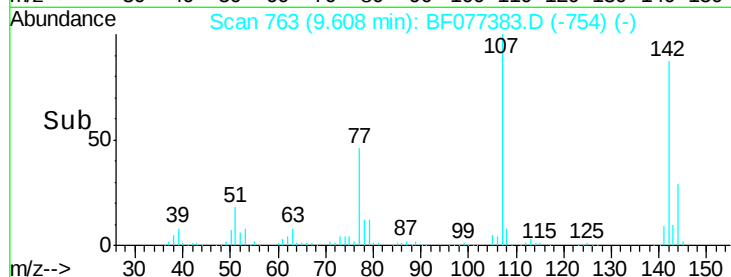
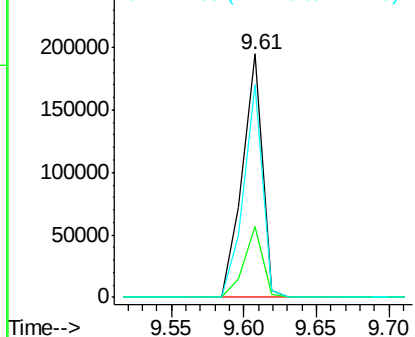
#36
 4-Chloro-3-methylphenol
 Concen: 38.48 ng
 RT: 9.61 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

Tgt Ion:107 Resp: 187993
 Ion Ratio Lower Upper
 107 100
 144 29.0 21.1 31.7
 142 87.5 65.3 97.9

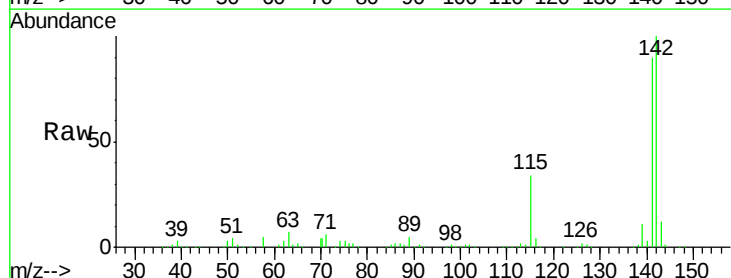


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

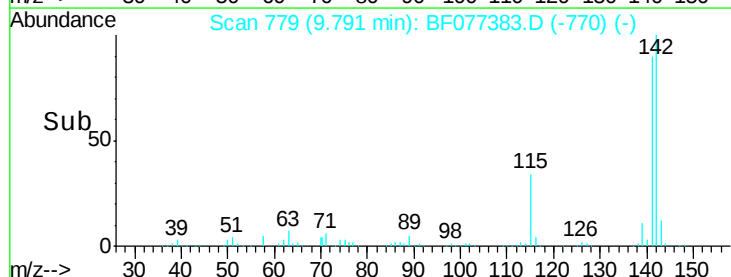
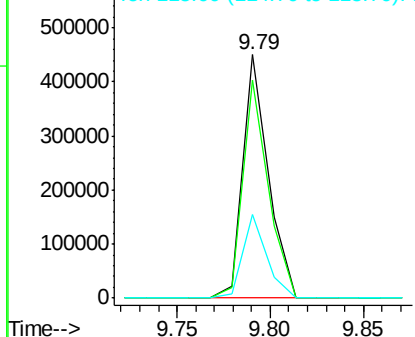


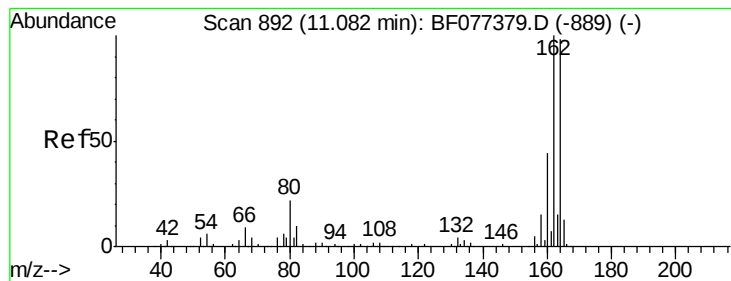
#37
 2-Methylnaphthalene
 Concen: 35.98 ng
 RT: 9.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion:142 Resp: 426447
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.7 106.1
 115 34.3 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: 11.08 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

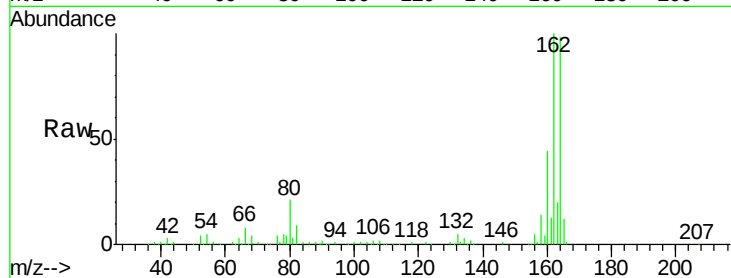
Tgt Ion:164 Resp: 175791

Ion Ratio Lower Upper

164 100

162 101.7 83.2 124.8

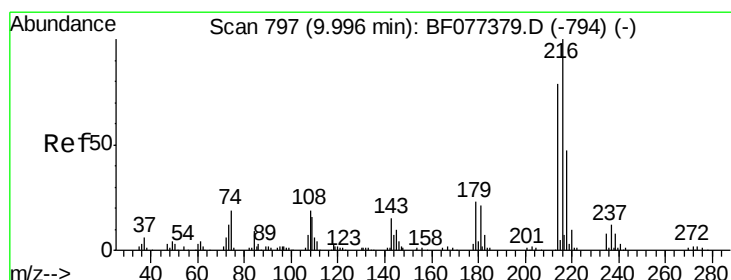
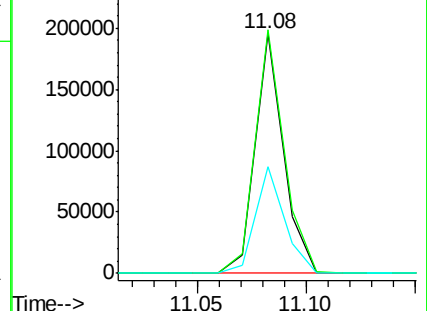
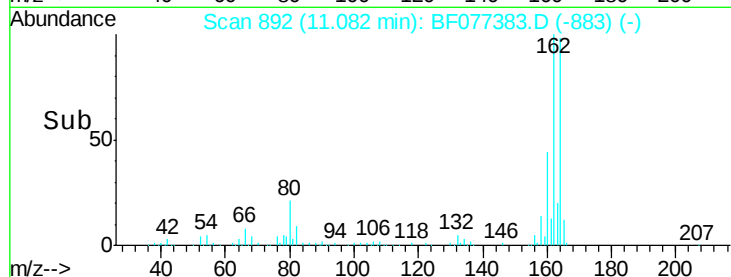
160 44.4 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.16 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Tgt Ion:216 Resp: 192493

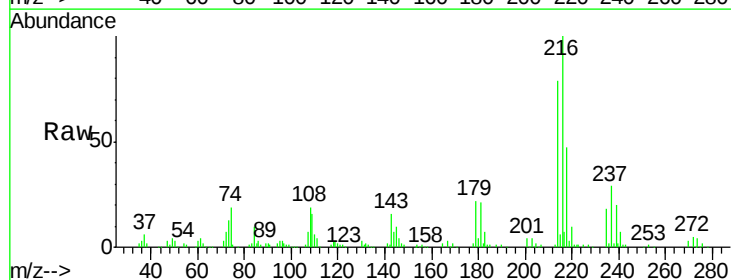
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

179 21.1 16.6 25.0

108 21.0 14.2 21.4

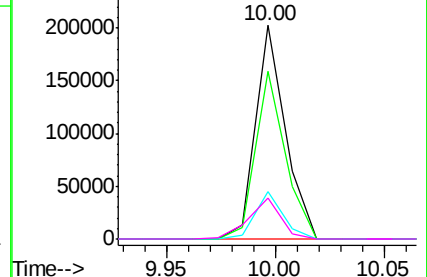
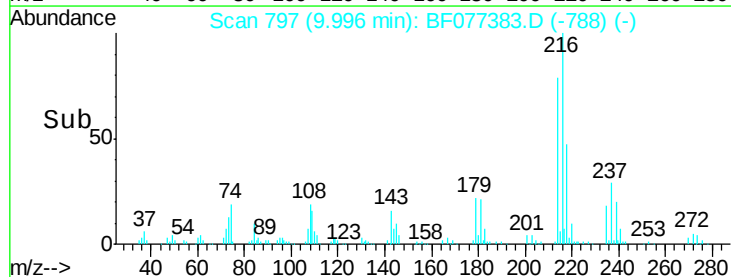


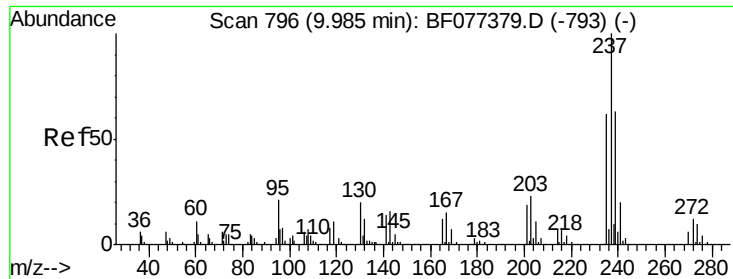
Abundance Ion 216.00 (215.70 to 216.70): E

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

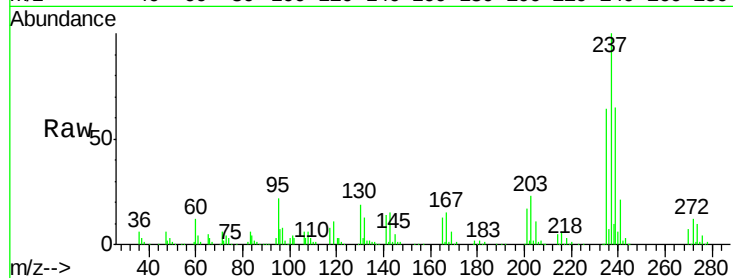




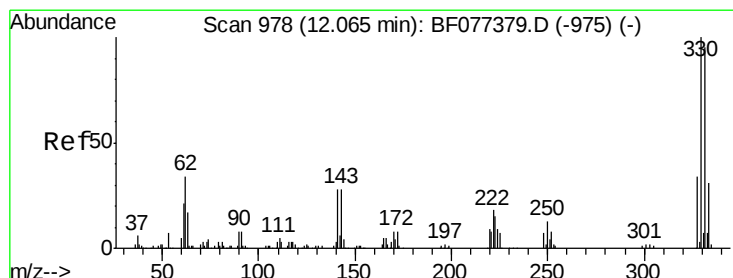
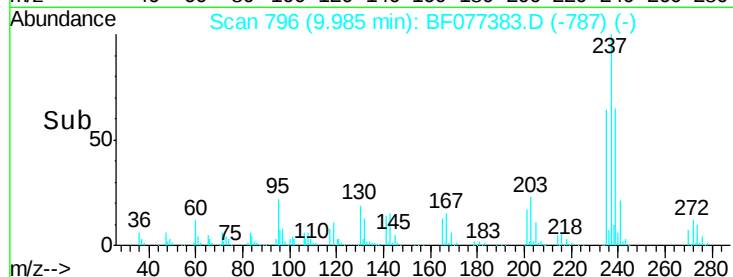
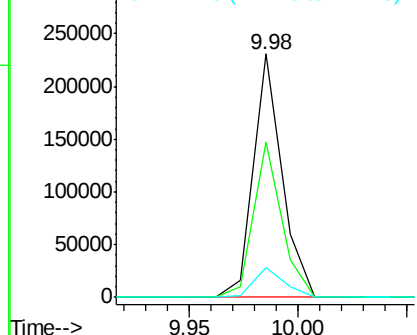
#40
Hexachlorocyclopentadiene
Concen: 77.80 ng
RT: 9.98 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion: 237 Resp: 210425
Ion Ratio Lower Upper
237 100
235 63.6 41.0 81.0
272 12.1 0.0 34.3

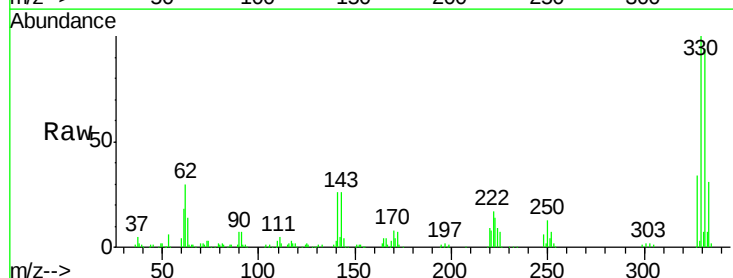


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

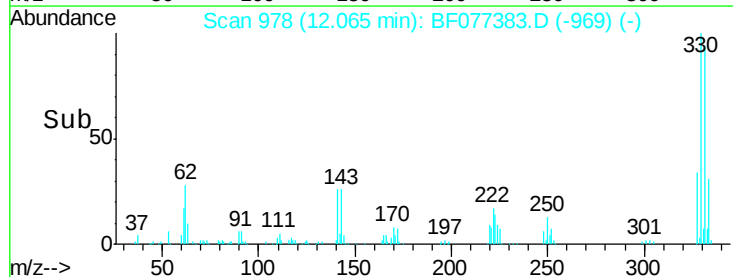
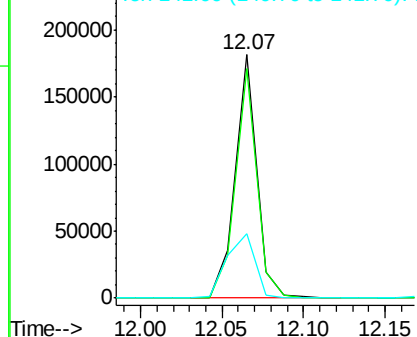


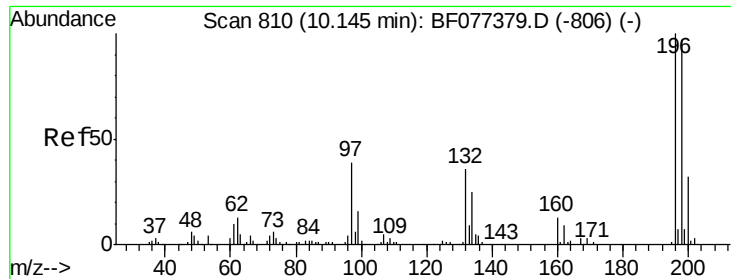
#41
2,4,6-Tribromophenol
Concen: 97.21 ng
RT: 12.07 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion: 330 Resp: 164543
Ion Ratio Lower Upper
330 100
332 94.4 77.4 116.2
141 35.0 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

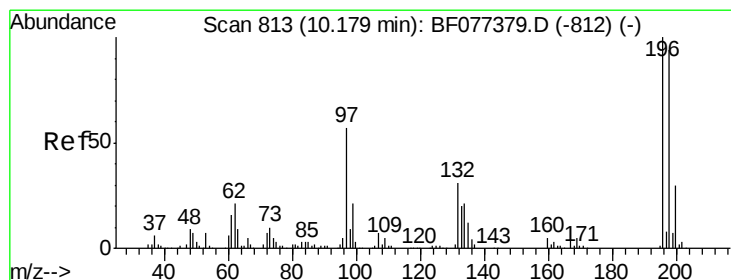
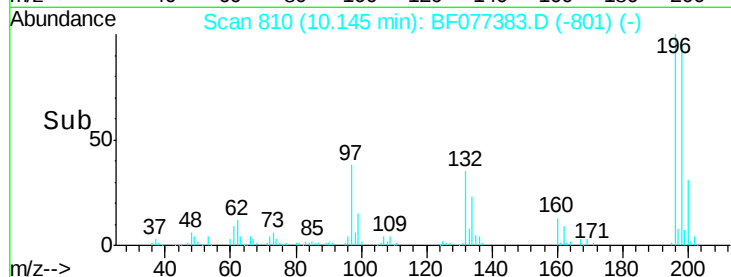
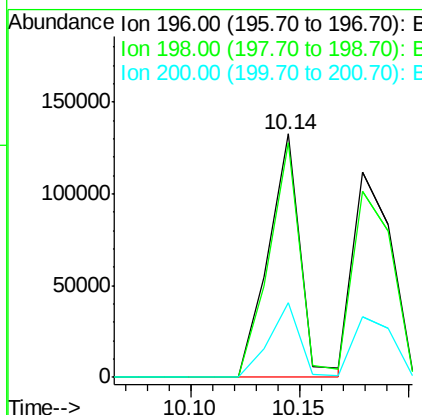
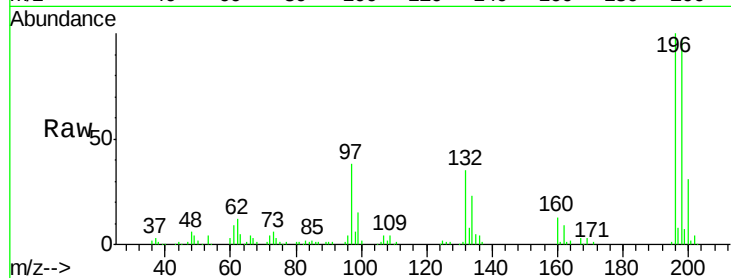




#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

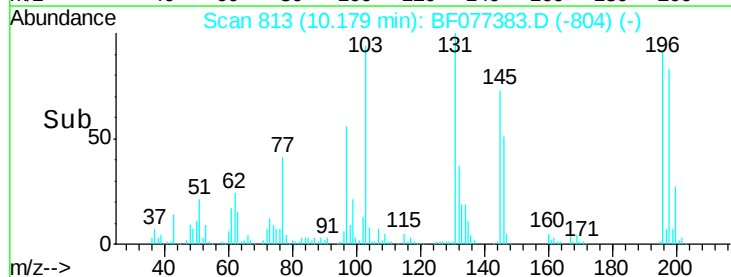
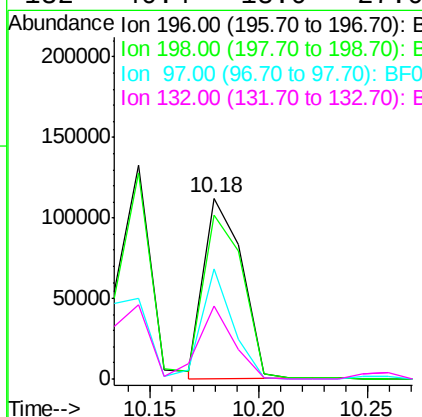
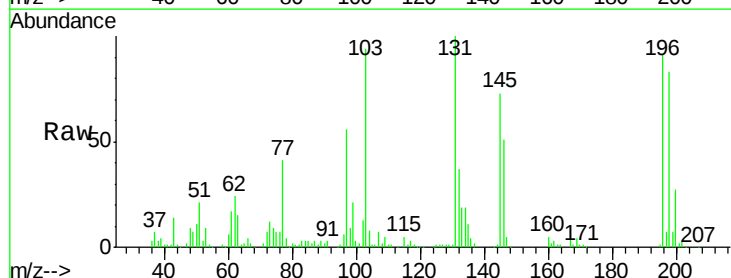
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

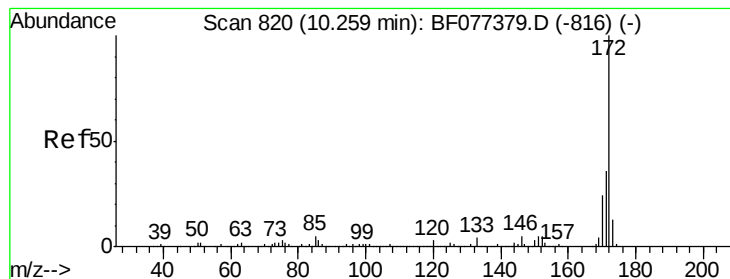
Tgt Ion:196 Resp: 136088
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.8 113.8
 200 30.7 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 38.17 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion:196 Resp: 136333
 Ion Ratio Lower Upper
 196 100
 198 90.7 77.2 115.8
 97 61.0 27.7 41.5#
 132 40.4 18.0 27.0#





#44

2-Fluorobiphenyl

Concen: 100.59 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

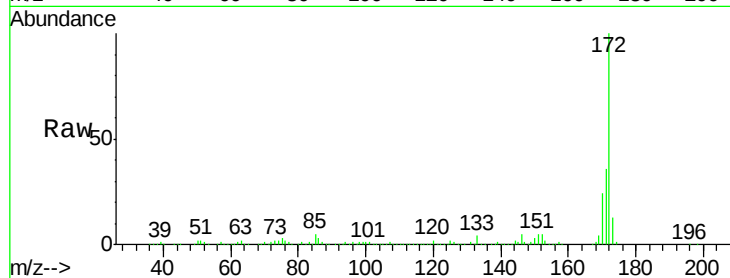
Tgt Ion:172 Resp: 1134106

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

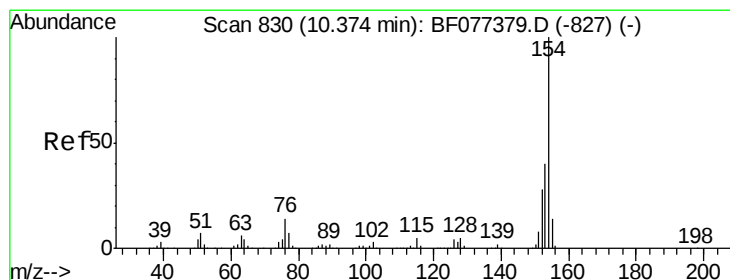
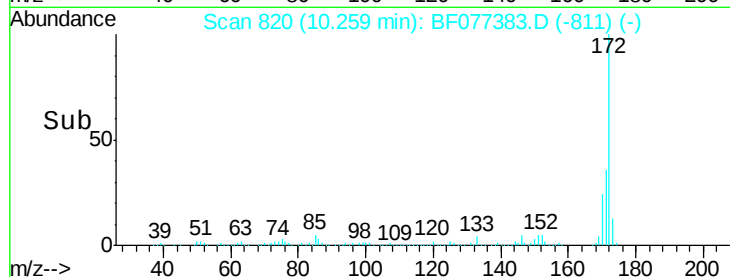
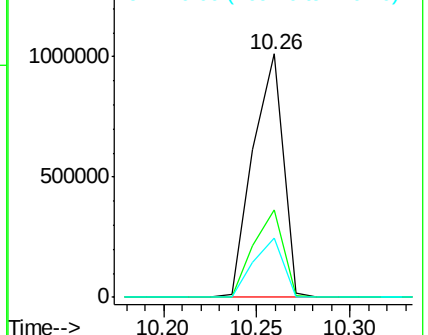
170 24.3 19.4 29.2



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: 38.88 ng

RT: 10.37 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

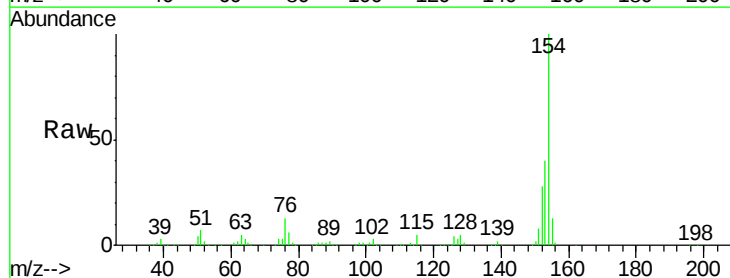
Tgt Ion:154 Resp: 517756

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

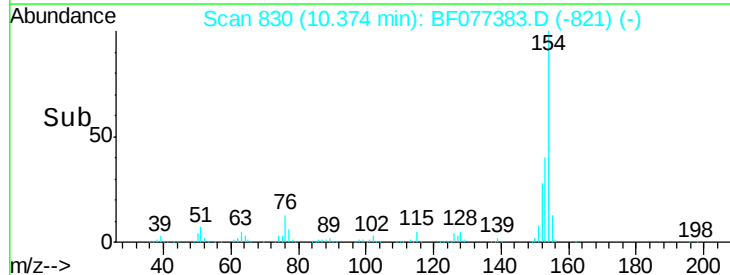
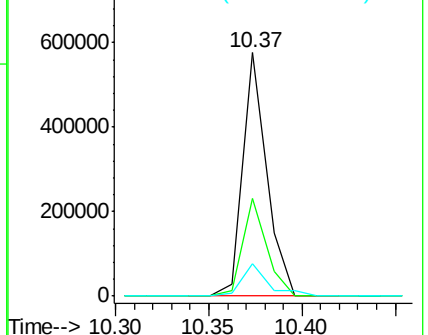
76 13.3 0.0 29.4

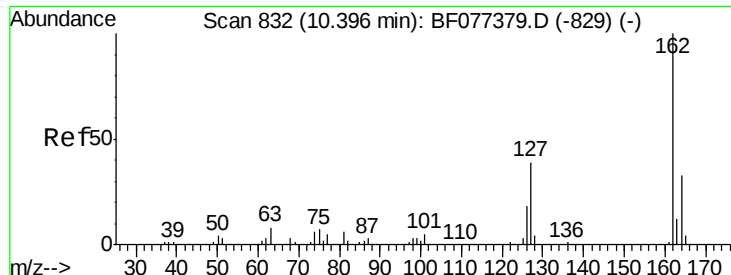


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

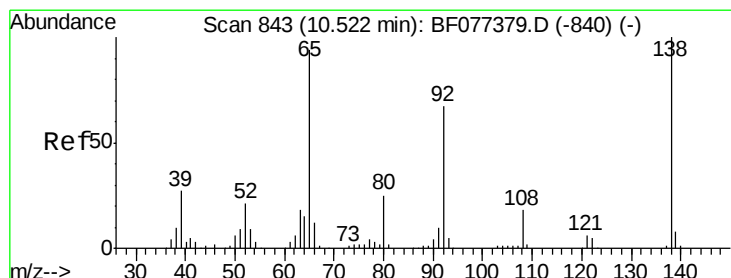
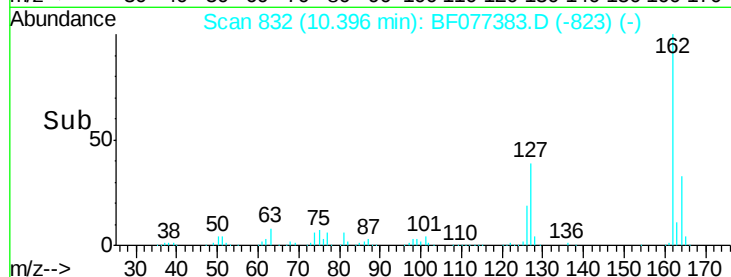
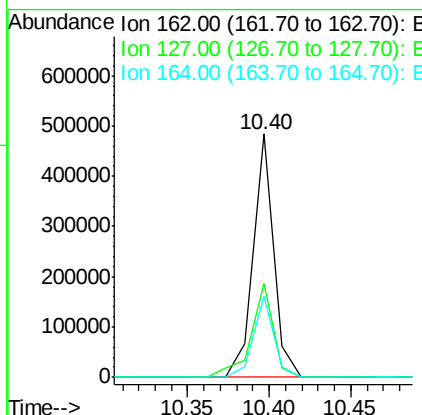
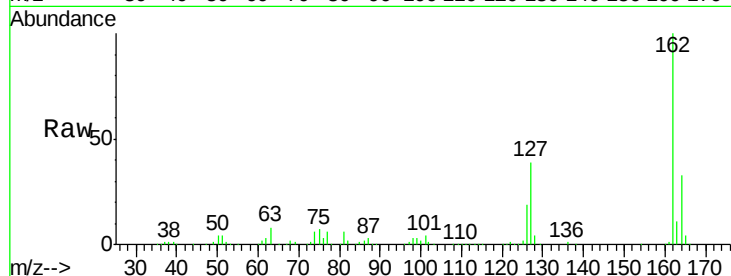




#46
 2-Chloronaphthalene
 Concen: 40.37 ng
 RT: 10.40 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

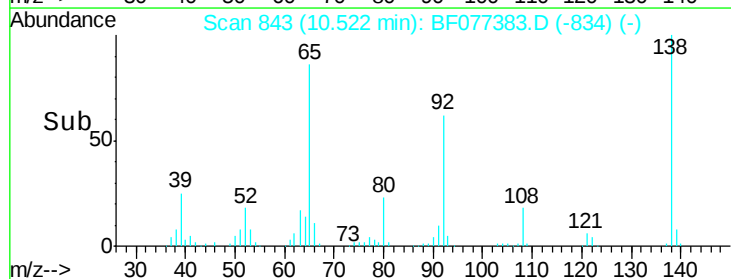
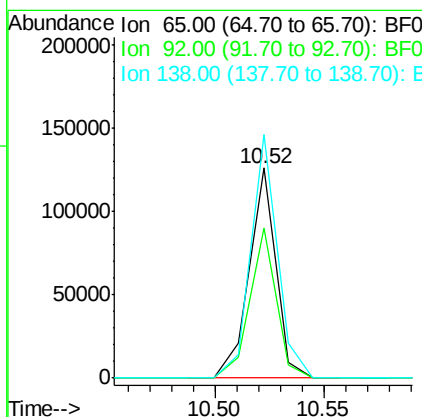
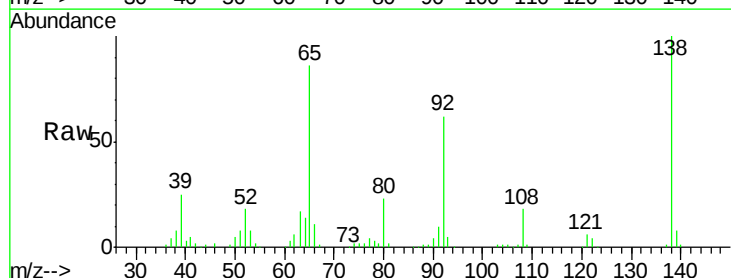
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

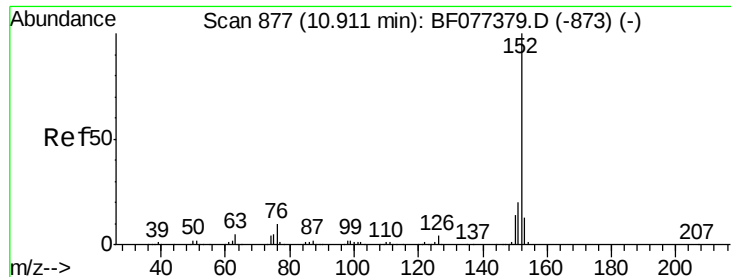
Tgt Ion: 162 Resp: 421666
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.3 49.9
 164 33.1 26.2 39.4



#47
 2-Nitroaniline
 Concen: 41.62 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion: 65 Resp: 107009
 Ion Ratio Lower Upper
 65 100
 92 71.7 52.4 78.6
 138 116.1 73.4 110.0#

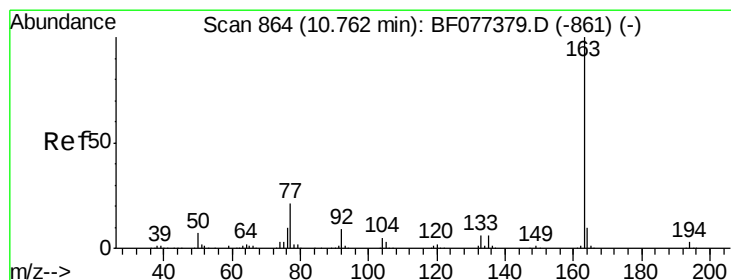
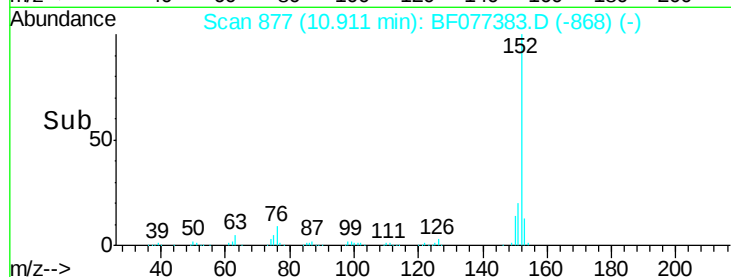
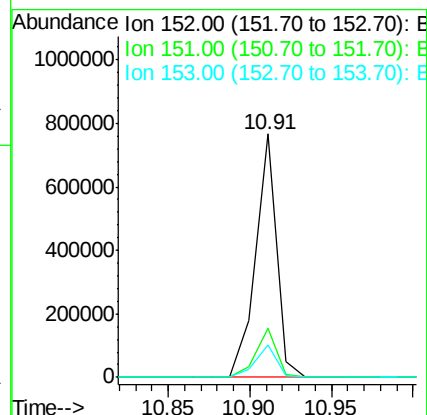
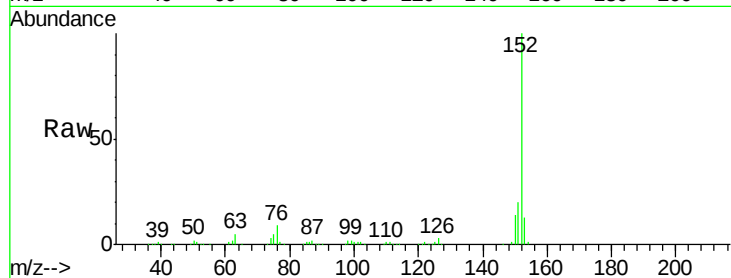




#48
Acenaphthylene
Concen: 41.37 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

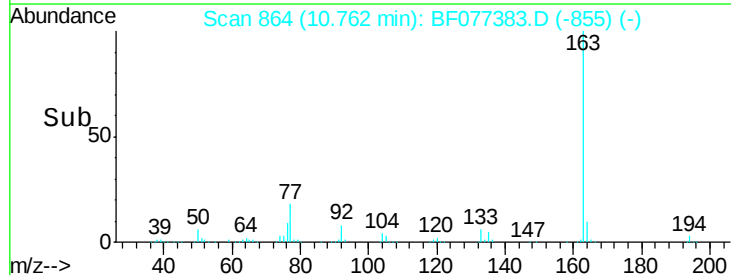
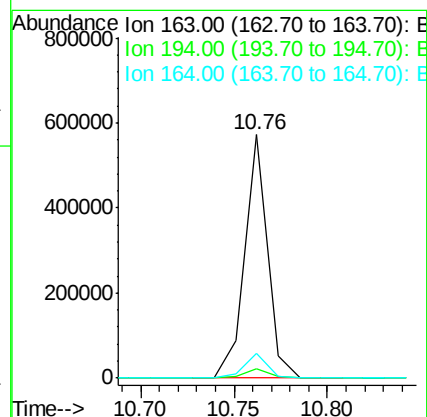
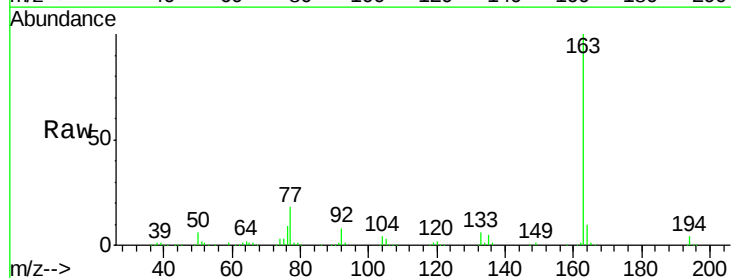
Instrument :
BNA_F
ClientSampleId :
PB81812BS

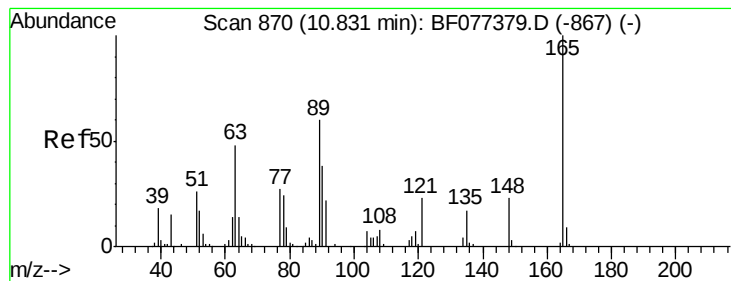
Tgt Ion:152 Resp: 684060
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.9 16.3



#49
Dimethylphthalate
Concen: 39.59 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion:163 Resp: 489209
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 8.6 13.0





#50

2,6-Dinitrotoluene

Concen: 41.15 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

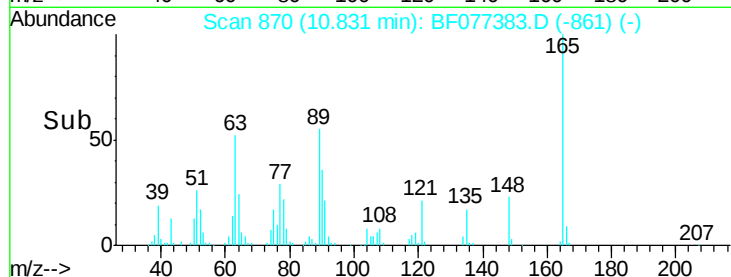
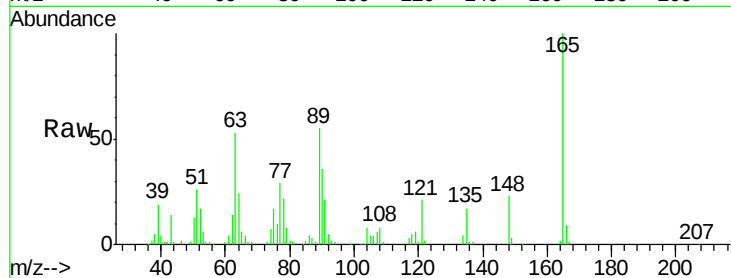
Tgt Ion:165 Resp: 101985

Ion Ratio Lower Upper

165 100

63 53.0 25.2 37.8#

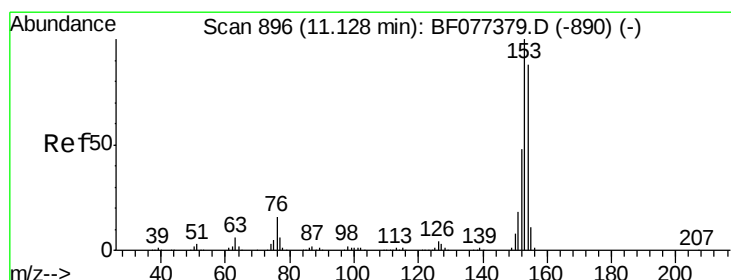
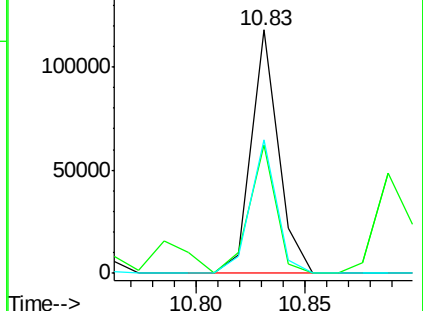
89 54.9 30.5 45.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 39.52 ng

RT: 11.13 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

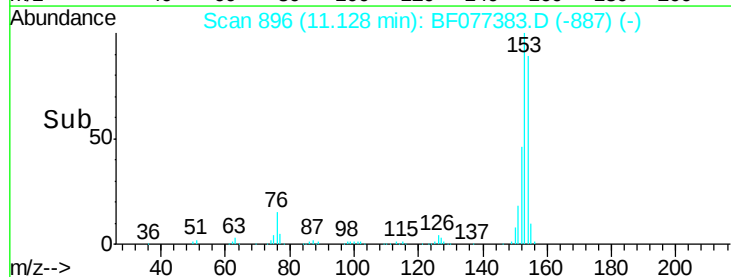
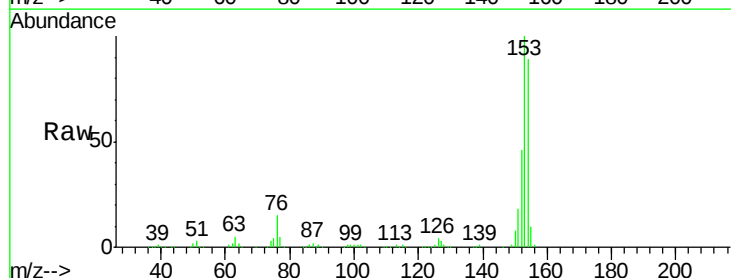
Tgt Ion:154 Resp: 389947

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

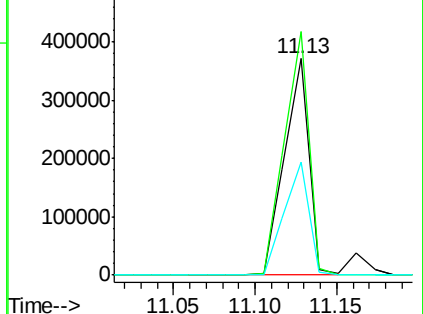
152 52.2 43.5 65.3

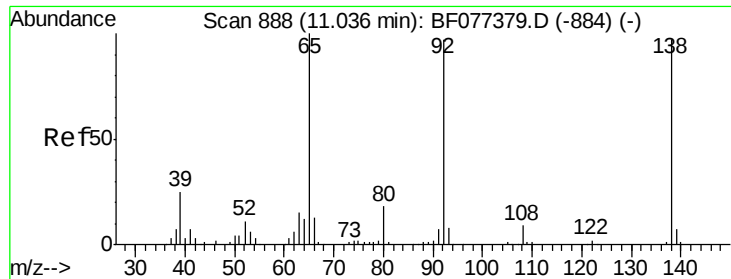


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 17.21 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

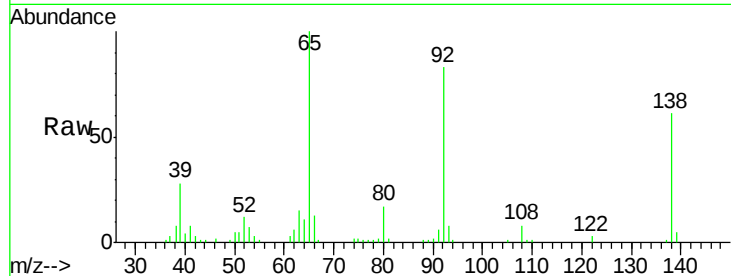
Tgt Ion:138 Resp: 49179

Ion Ratio Lower Upper

138 100

108 12.8 7.8 11.8#

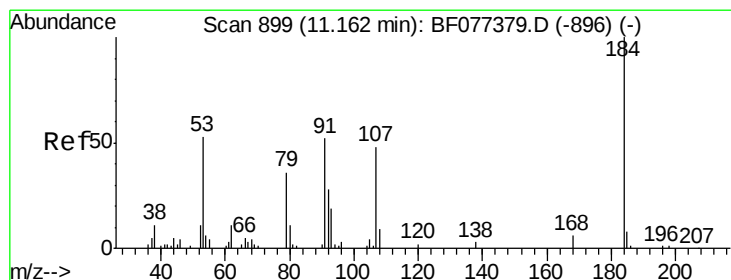
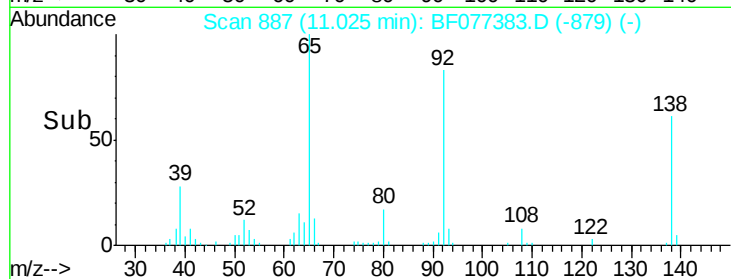
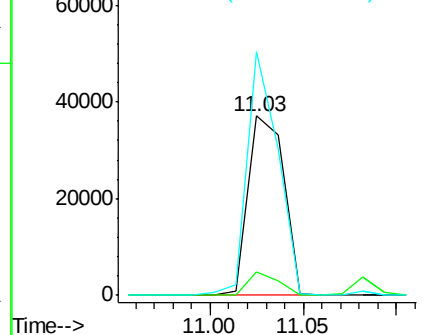
92 136.0 90.6 135.8#



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: 78.41 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

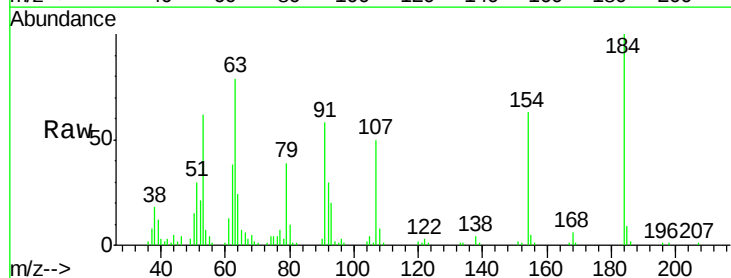
Tgt Ion:184 Resp: 59127

Ion Ratio Lower Upper

184 100

63 78.6 29.5 44.3#

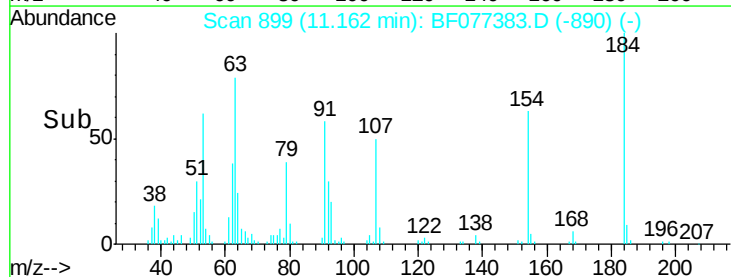
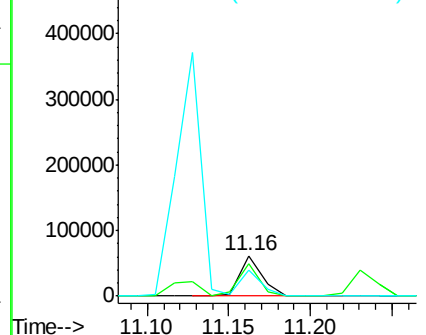
154 63.1 43.2 64.8

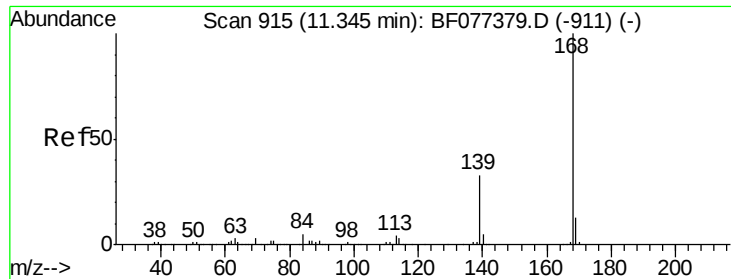


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

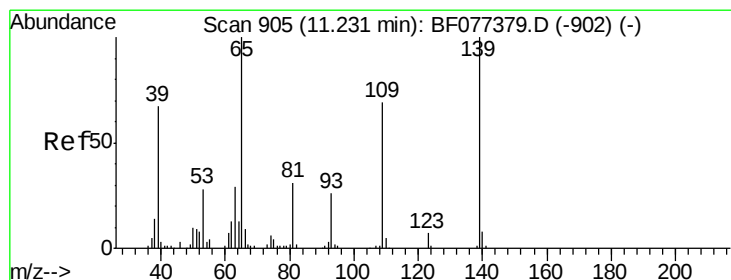
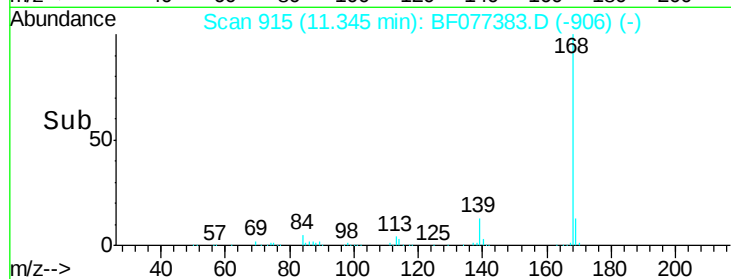
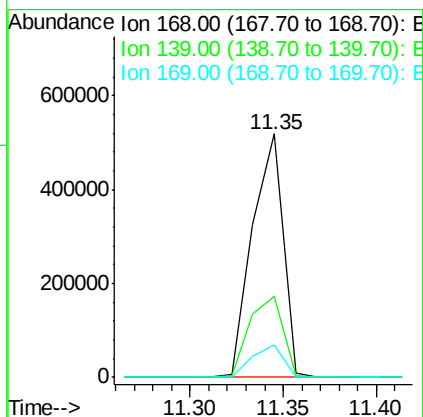
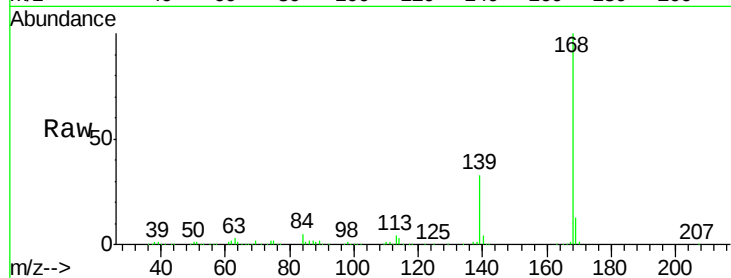




#54
Dibenzofuran
Concen: 38.73 ng
RT: 11.35 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

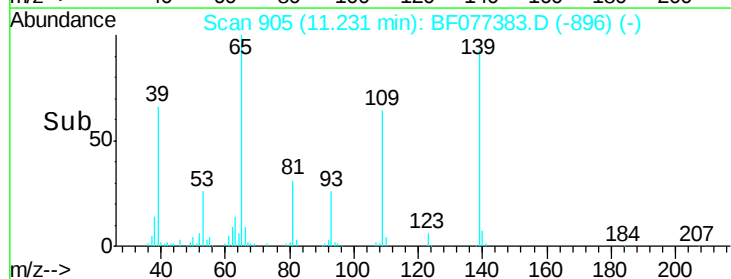
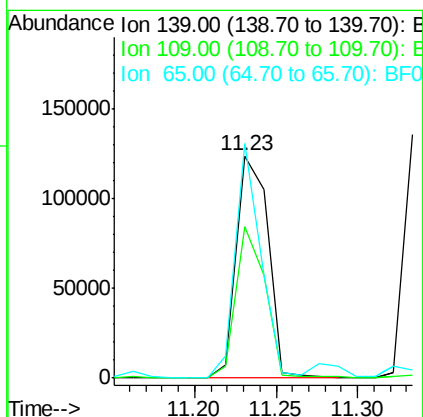
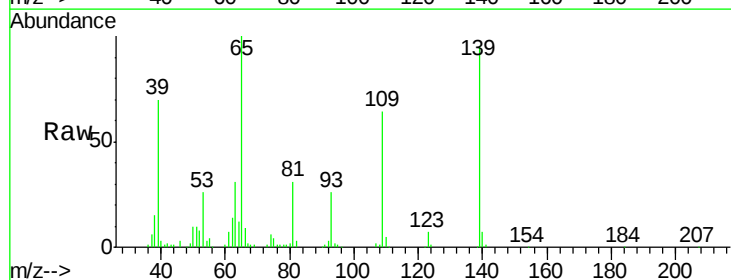
Instrument :
BNA_F
ClientSampleId :
PB81812BS

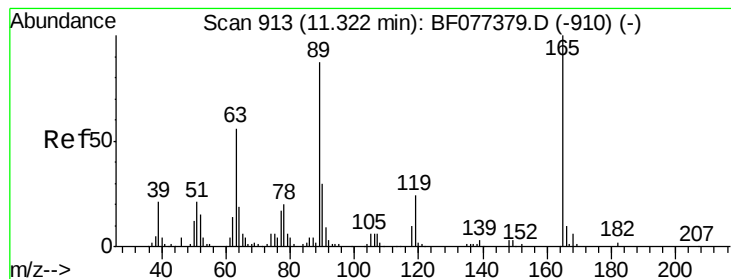
Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.3	29.3	43.9
169	13.4	10.9	16.3



#55
4-Nitrophenol
Concen: 72.24 ng
RT: 11.23 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	36.2	76.2
65	105.7	40.3	80.3#





#56

2,4-Dinitrotoluene

Concen: 39.18 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

Tgt Ion:165 Resp: 131185

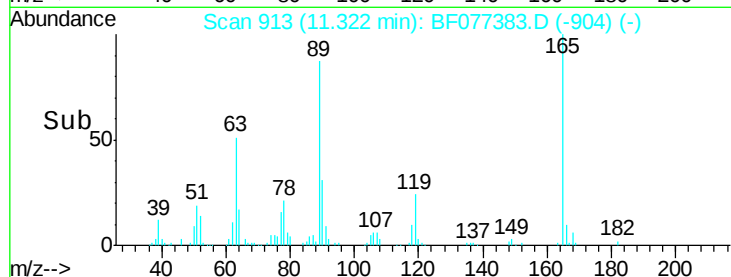
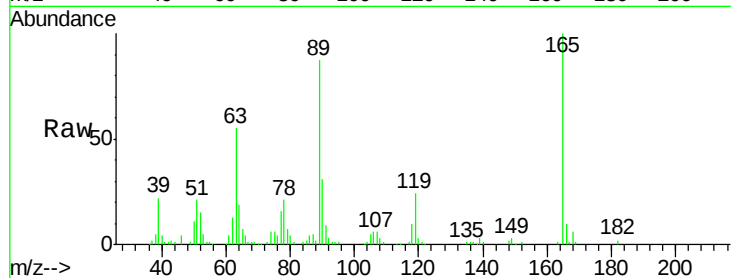
Ion Ratio Lower Upper

165 100

63 55.0 29.8 44.8#

89 87.0 48.5 72.7#

182 2.4 1.9 2.9

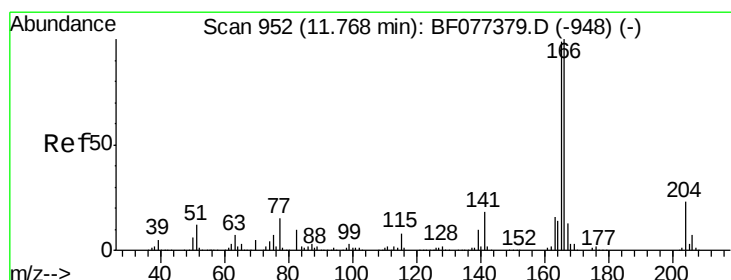
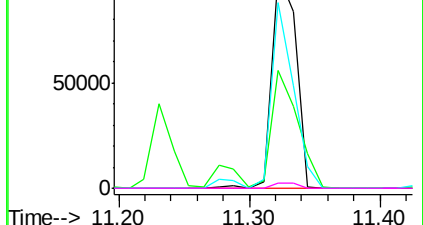


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 40.30 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

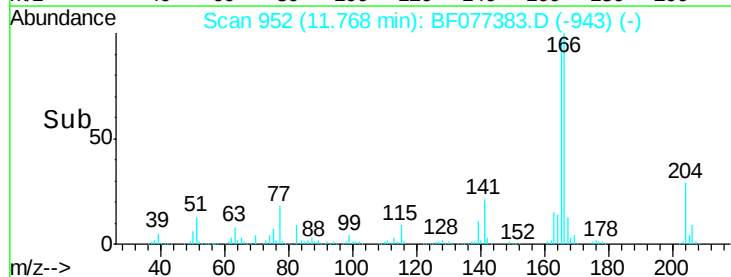
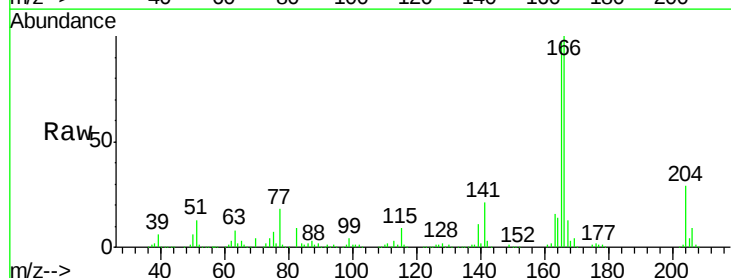
Tgt Ion:166 Resp: 490916

Ion Ratio Lower Upper

166 100

165 97.3 77.6 116.4

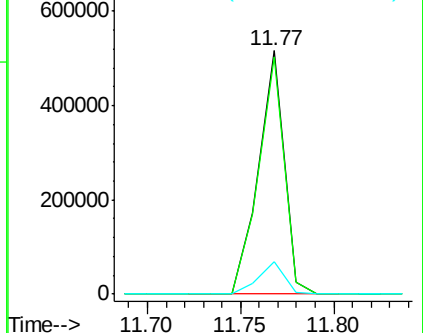
167 13.5 10.6 16.0



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

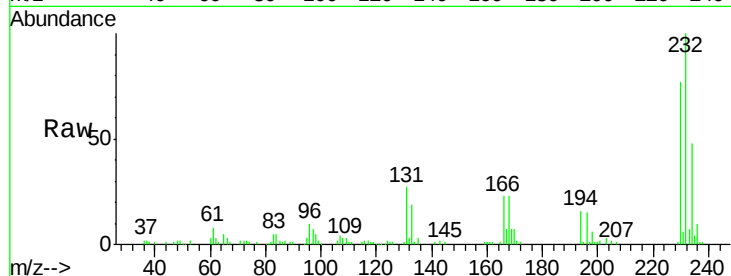




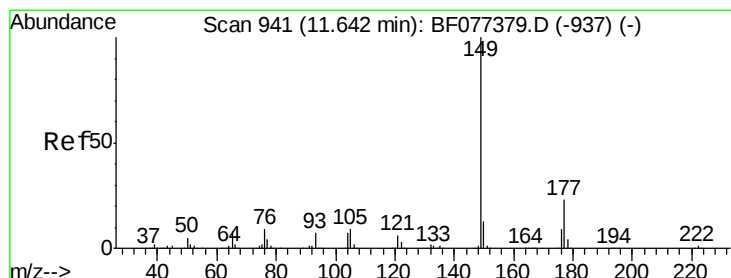
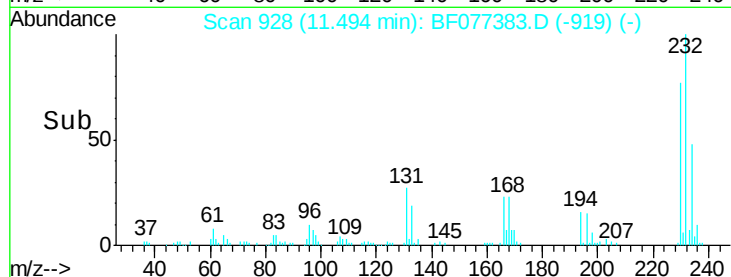
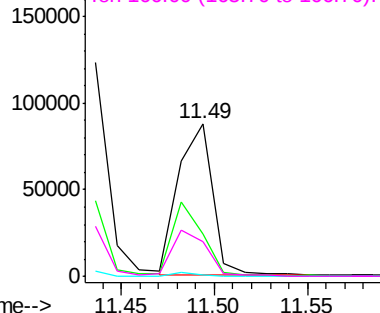
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.97 ng
 RT: 11.49 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

Tgt Ion: 232 Resp: 111902
 Ion Ratio Lower Upper
 232 100
 131 43.6 34.2 51.2
 130 2.0 1.8 2.6
 166 31.3 24.3 36.5

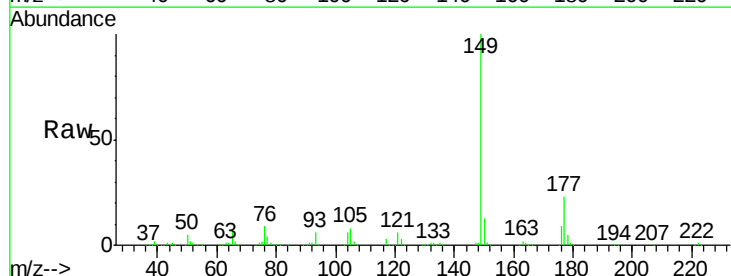


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

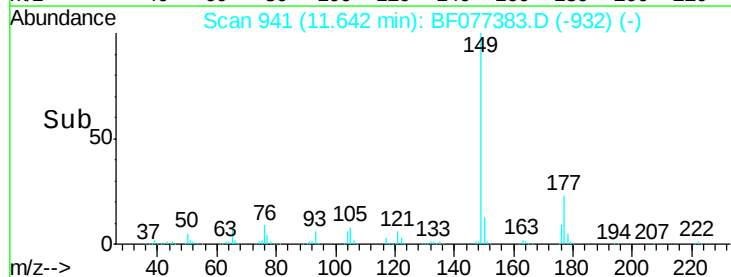
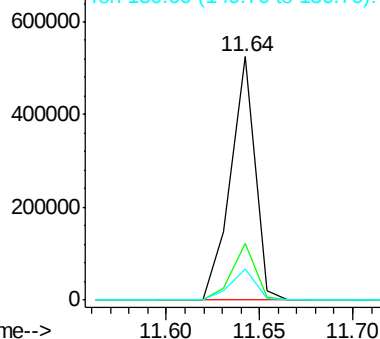


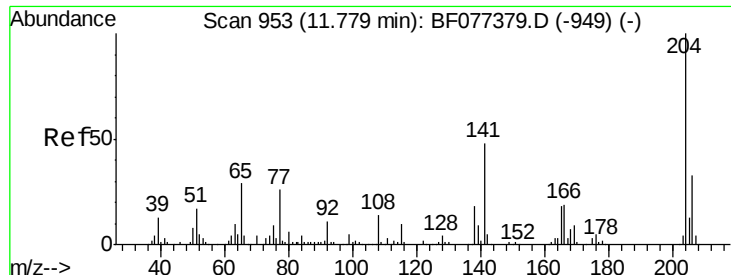
#59
 Diethylphthalate
 Concen: 39.07 ng
 RT: 11.64 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion: 149 Resp: 475967
 Ion Ratio Lower Upper
 149 100
 177 23.3 17.2 25.8
 150 12.5 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

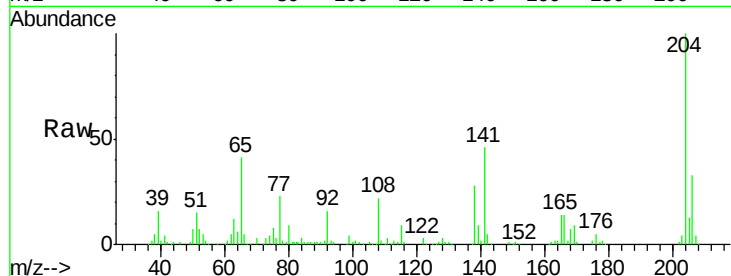




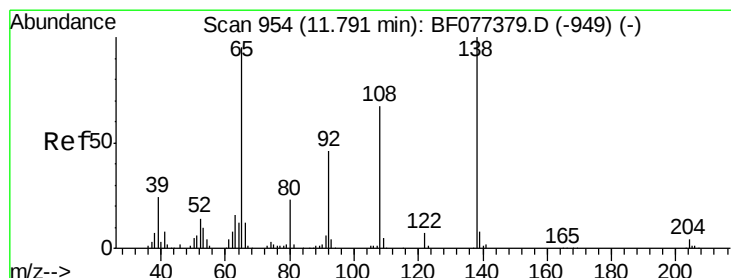
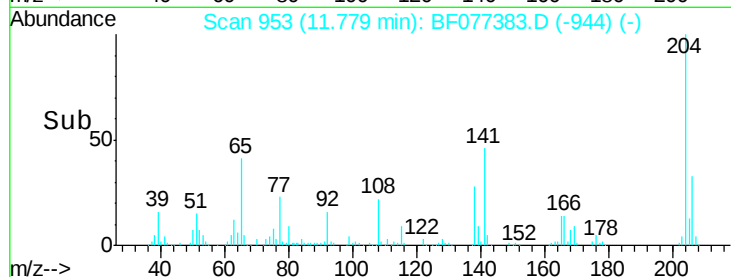
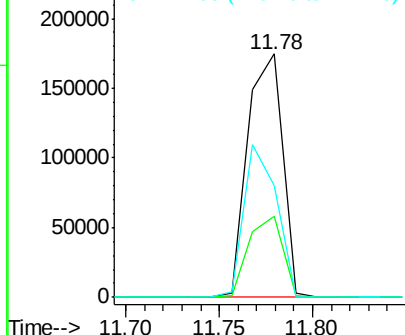
#60
4-Chlorophenyl-phenylether
Concen: 38.48 ng
RT: 11.78 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion:204 Resp: 225802
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 46.1 43.6 65.4

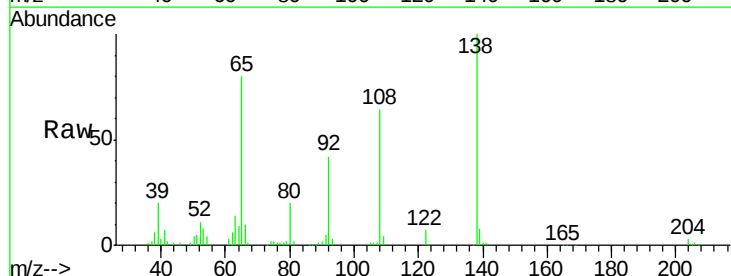


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

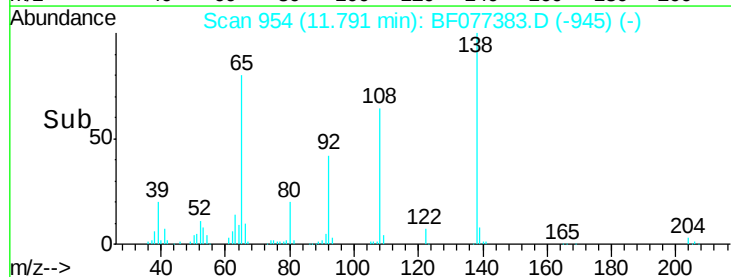
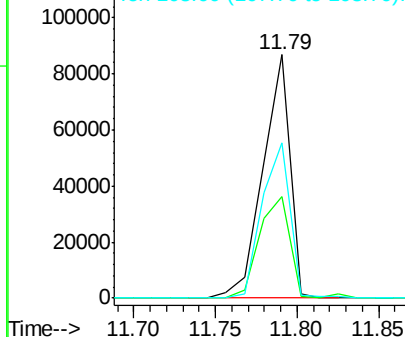


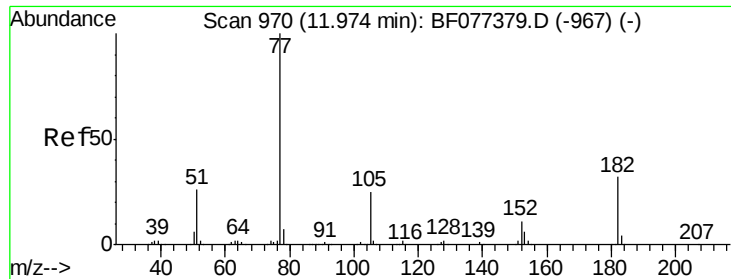
#61
4-Nitroaniline
Concen: 36.69 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion:138 Resp: 100459
Ion Ratio Lower Upper
138 100
92 41.7 32.8 72.8
108 63.6 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: 38.00 ng

RT: 11.97 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

Tgt Ion: 77 Resp: 439231

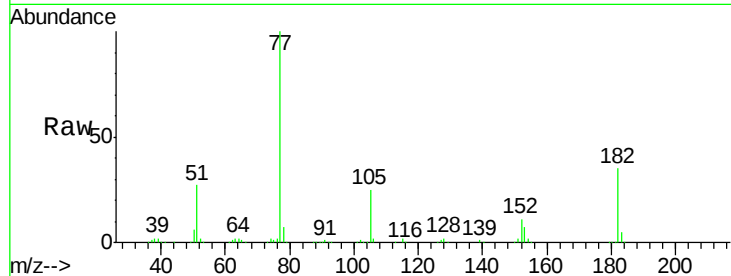
Ion Ratio Lower Upper

77 100

182 34.6 4.9 44.9

105 25.3 3.3 43.3

51 26.5 8.9 48.9

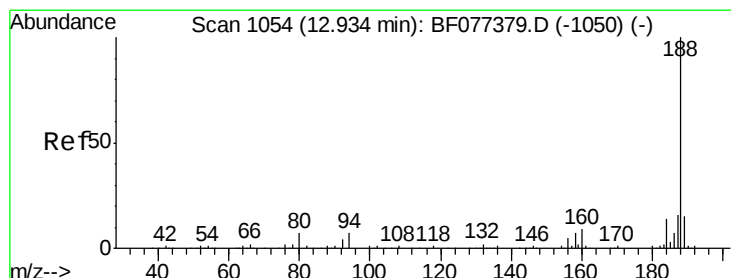
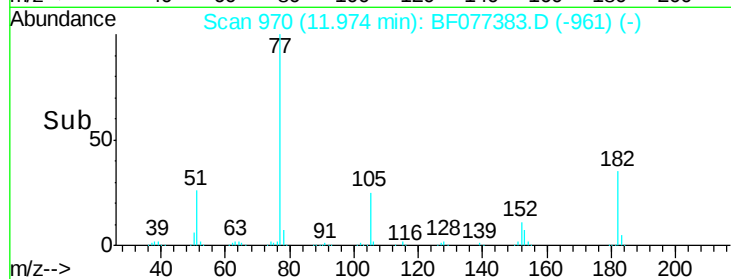
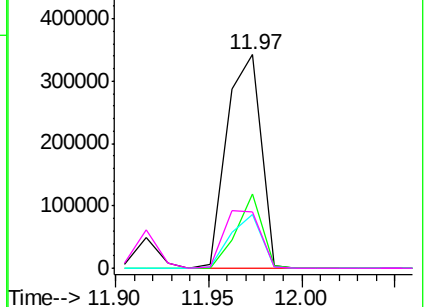


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.93 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

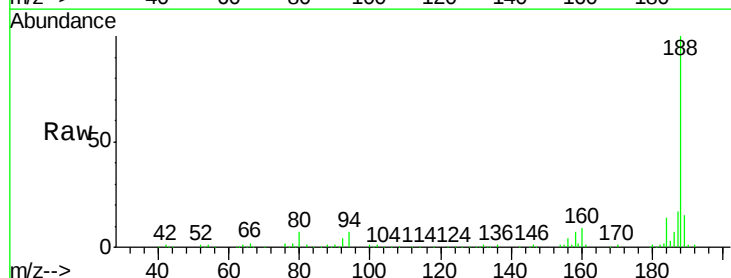
Tgt Ion: 188 Resp: 321414

Ion Ratio Lower Upper

188 100

94 6.7 7.4 11.2#

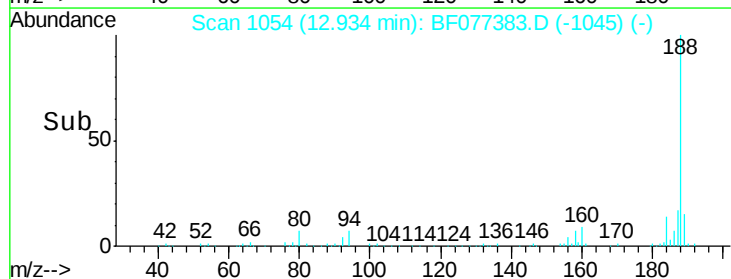
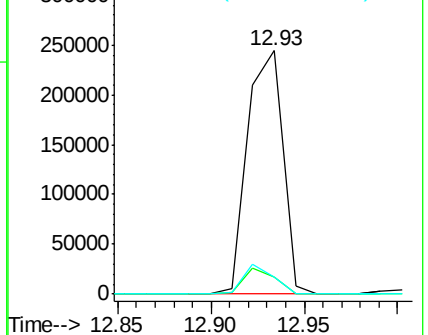
80 7.0 8.0 12.0#

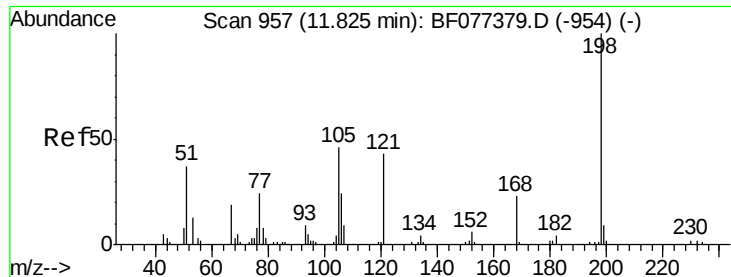


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

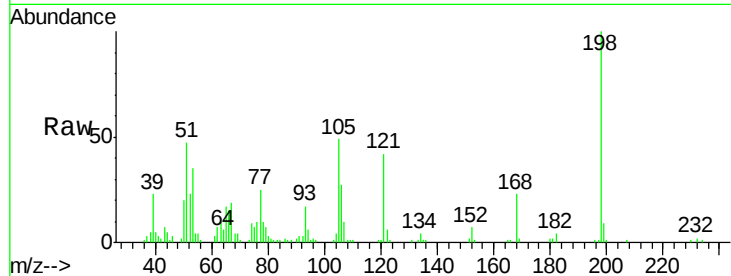




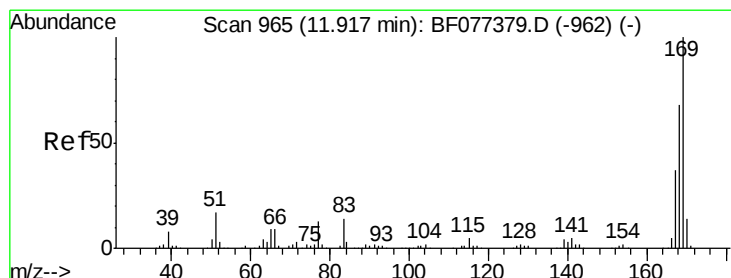
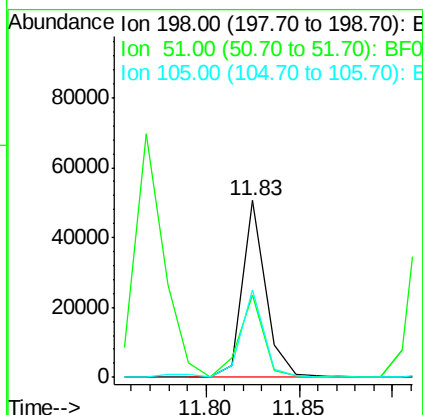
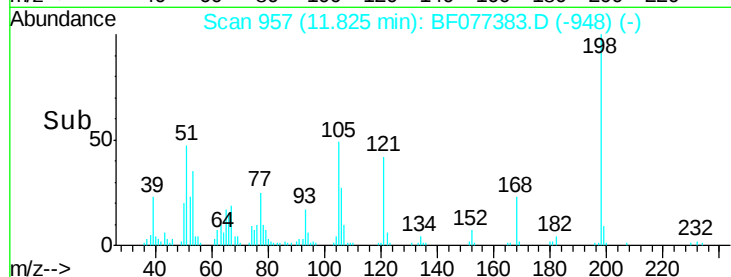
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.49 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

Tgt Ion:198 Resp: 44165
 Ion Ratio Lower Upper
 198 100
 51 46.6 2.7 42.7#
 105 49.2 10.0 50.0

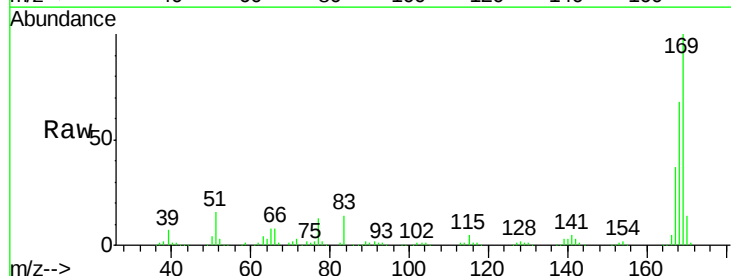


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF077383.D (-948) (-)
 Ion 105.00 (104.70 to 105.70): E

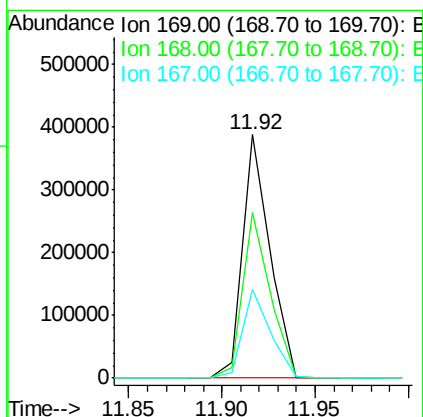
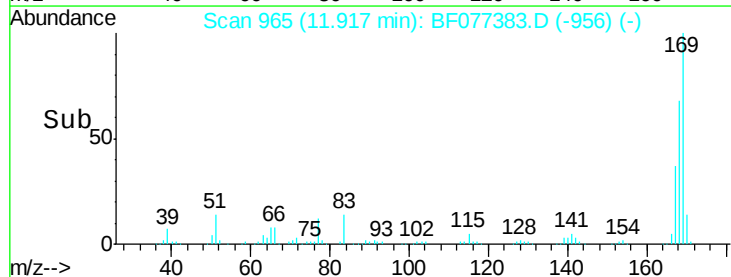


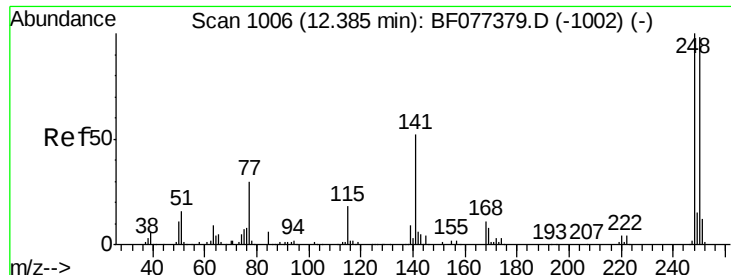
#65
 n-Nitrosodiphenylamine
 Concen: 36.92 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion:169 Resp: 393775
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.0 79.6
 167 36.7 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

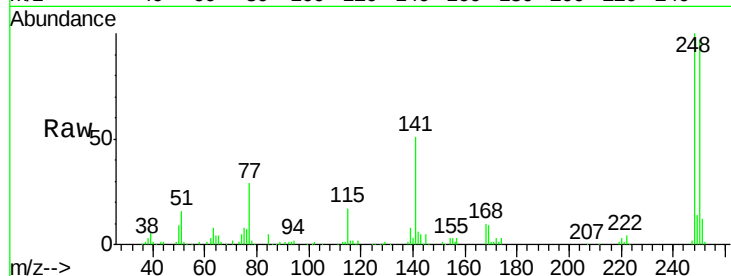




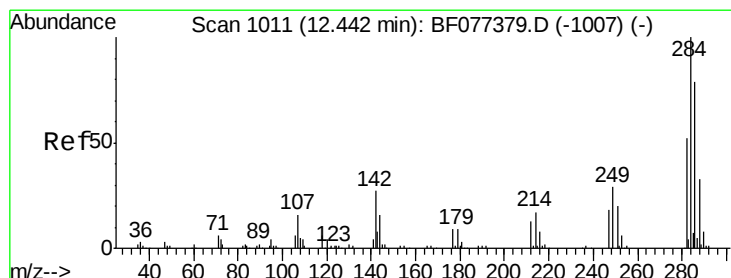
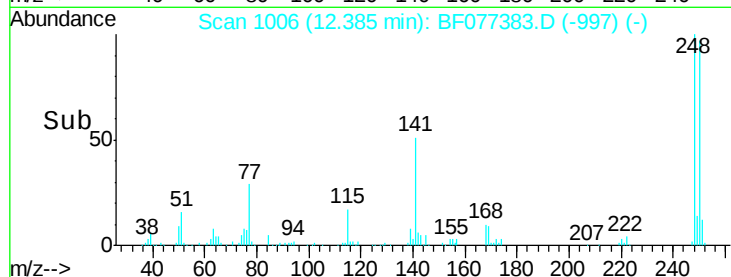
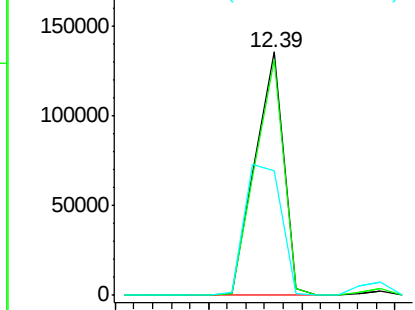
#66
4-Bromophenyl-phenylether
Concen: 37.86 ng
RT: 12.39 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion:248 Resp: 142513
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 51.2 54.1 81.1#

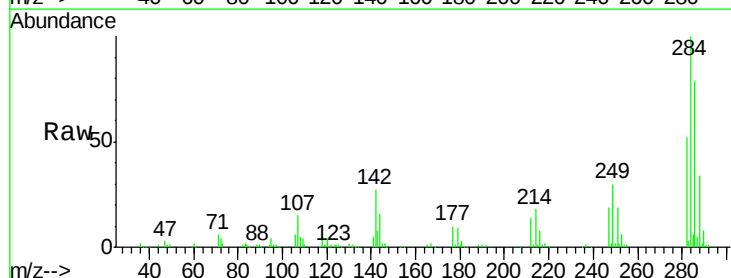


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

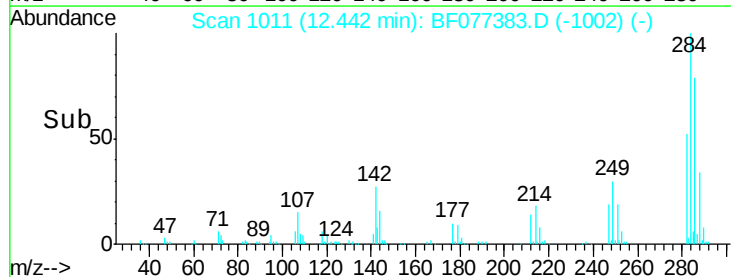
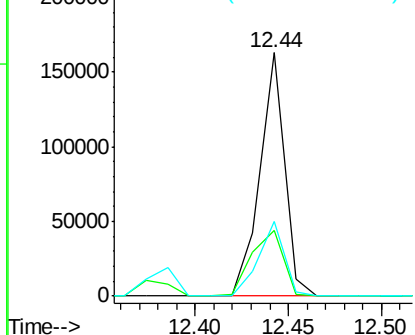


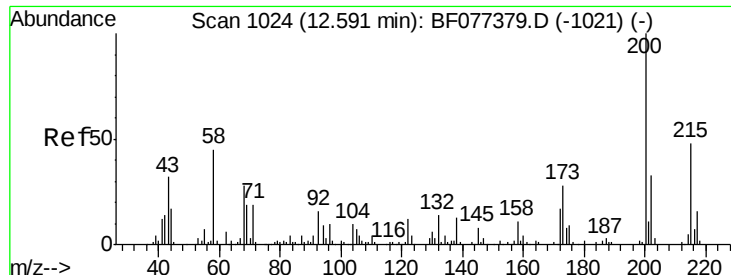
#67
Hexachlorobenzene
Concen: 36.84 ng
RT: 12.44 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion:284 Resp: 148835
Ion Ratio Lower Upper
284 100
142 27.2 31.6 47.4#
249 30.5 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

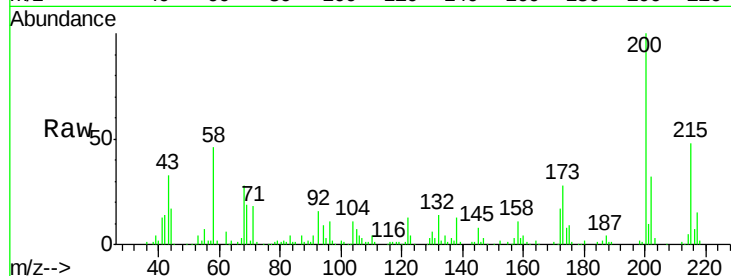




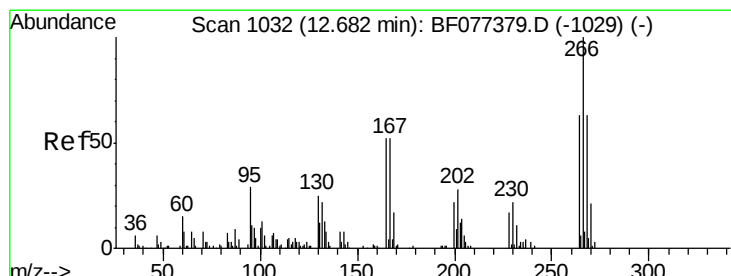
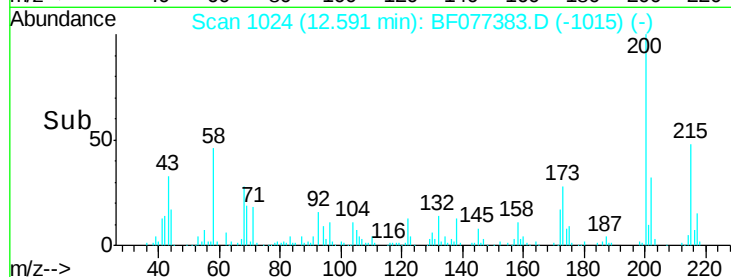
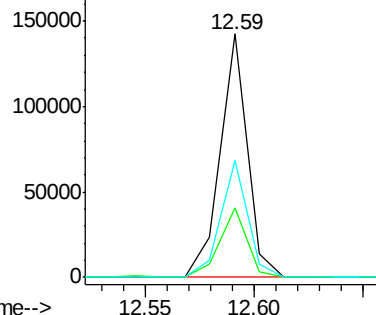
#68
Atrazine
Concen: 35.61 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.6	49.6
215	47.8	24.4	64.4

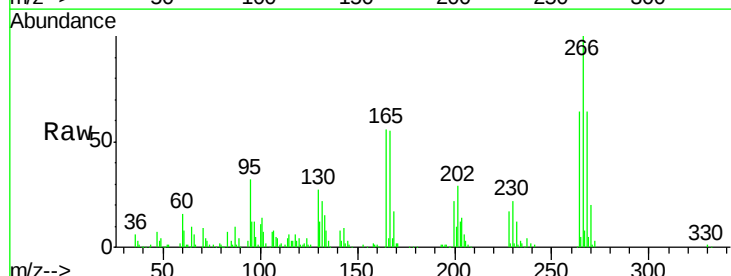


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

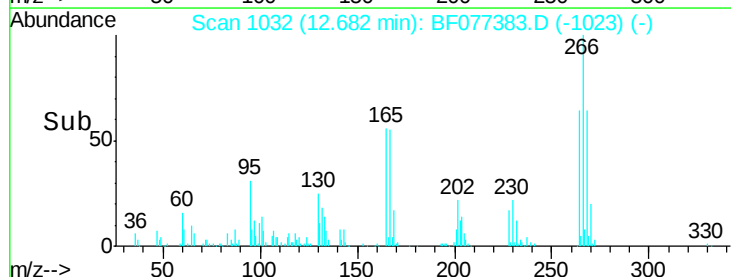
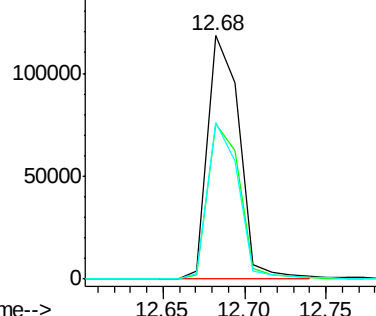


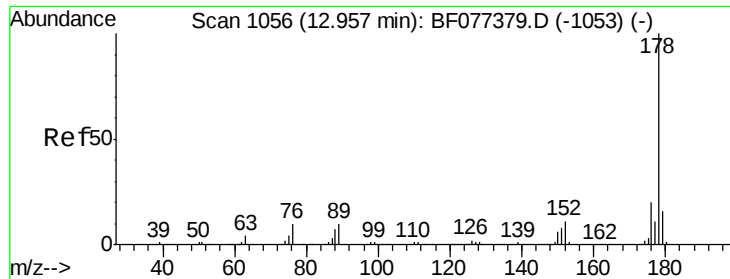
#69
Pentachlorophenol
Concen: 74.71 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.2	76.8
264	64.2	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: 36.75 ng

RT: 12.96 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

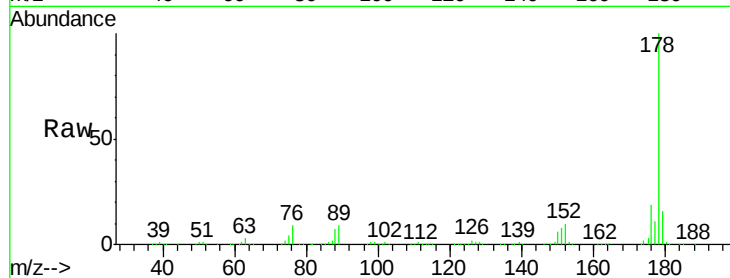
Tgt Ion:178 Resp: 684668

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

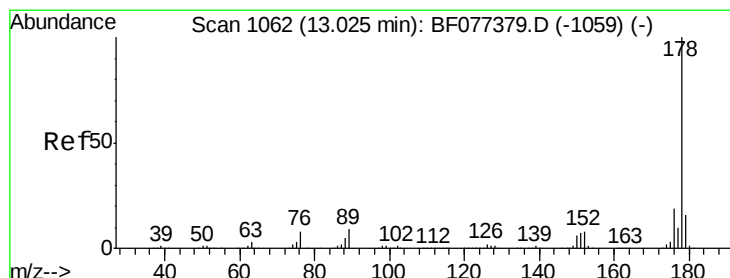
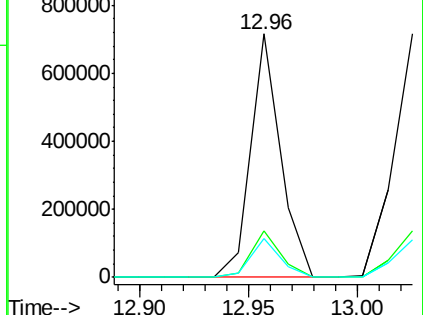
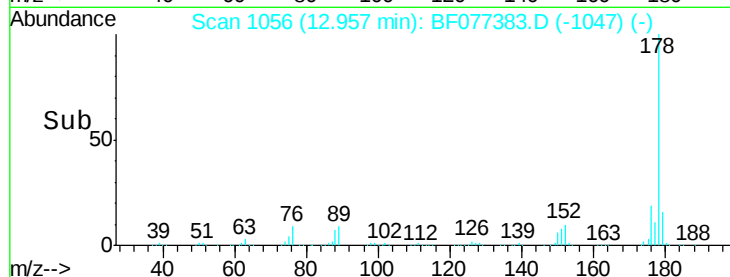
179 15.7 12.2 18.2



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: 37.97 ng

RT: 13.03 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

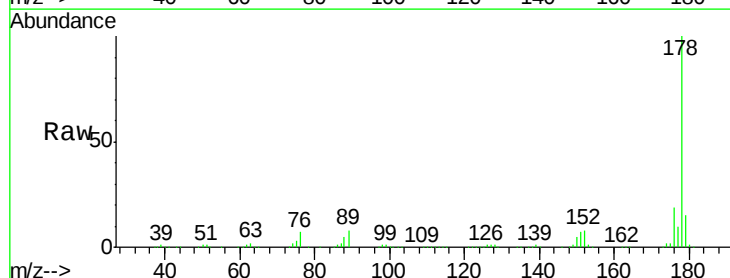
Tgt Ion:178 Resp: 701949

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

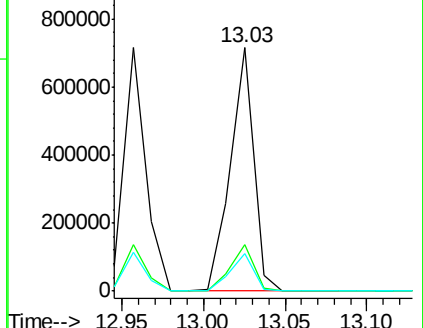
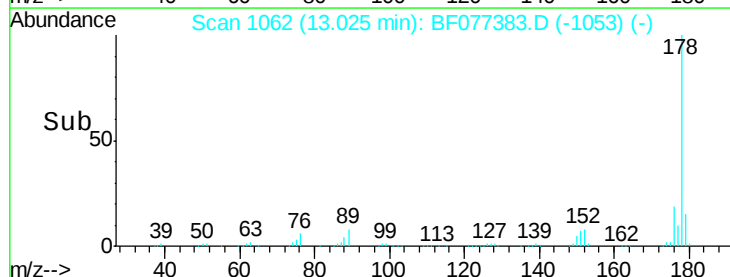
179 15.3 12.9 19.3

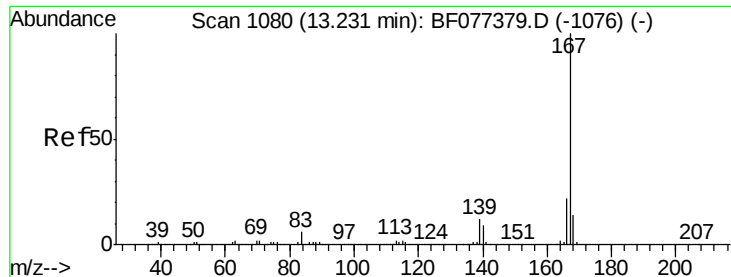


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.48 ng

RT: 13.22 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

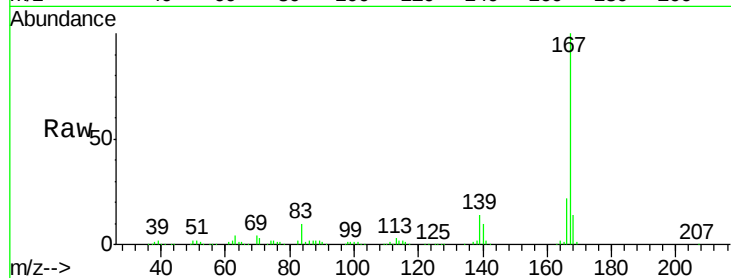
Tgt Ion:167 Resp: 641216

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

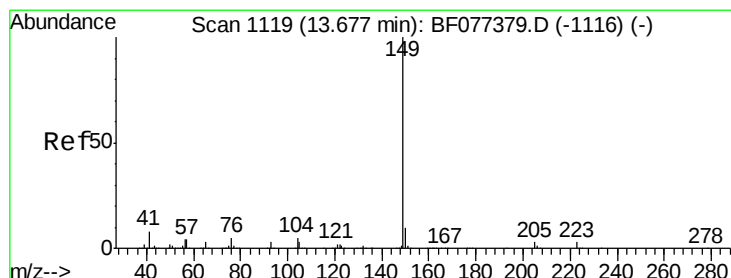
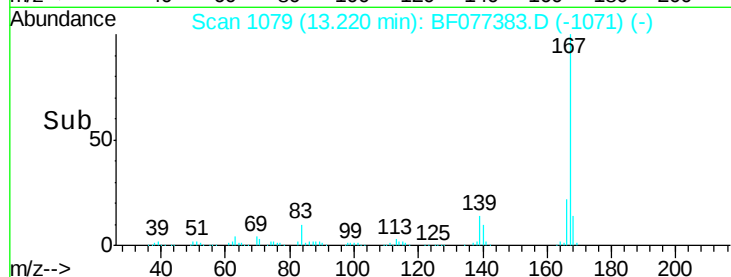
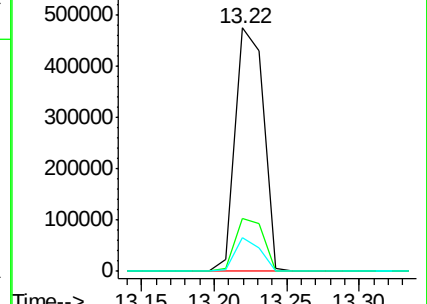
139 13.7 9.9 14.9



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: 35.45 ng

RT: 13.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

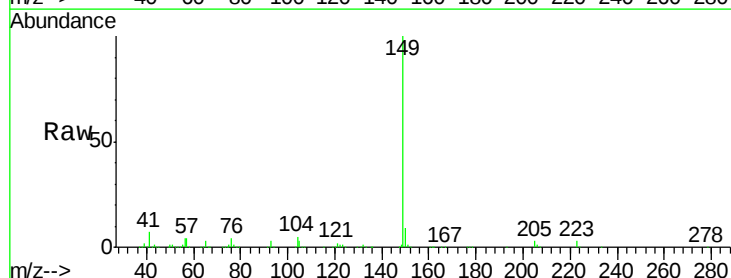
Tgt Ion:149 Resp: 731718

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

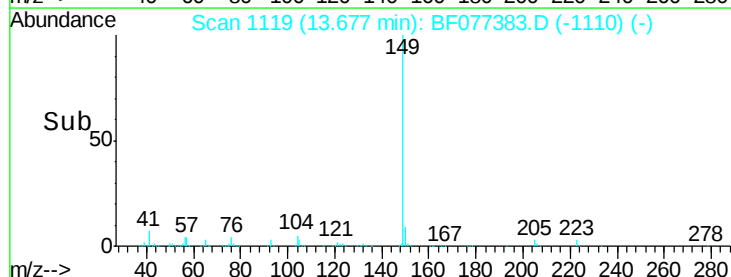
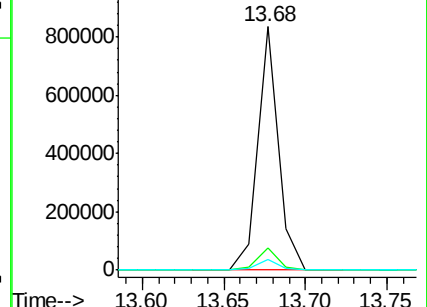
104 4.6 4.1 6.1

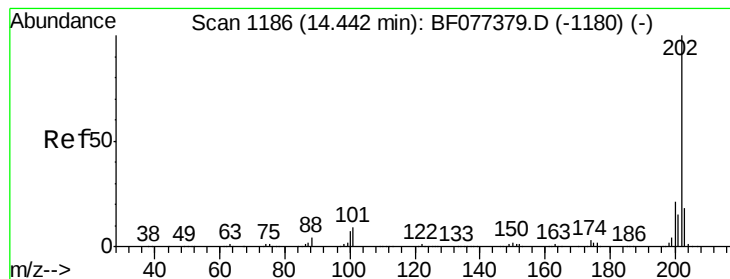


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.38 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

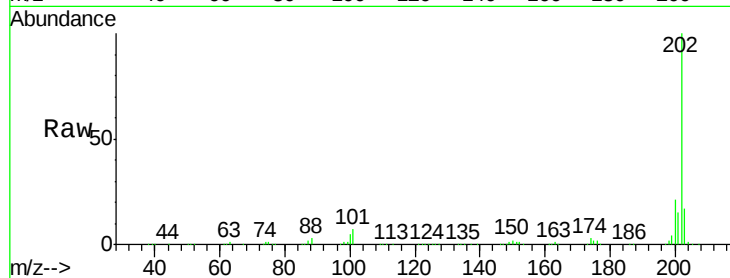
Tgt Ion:202 Resp: 740370

Ion Ratio Lower Upper

202 100

101 7.1 0.0 30.8

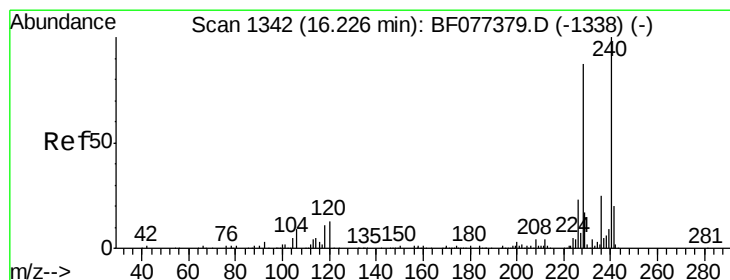
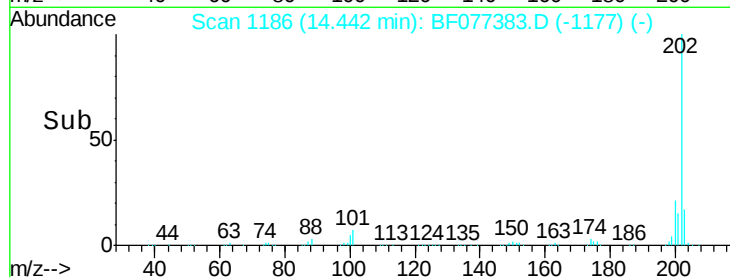
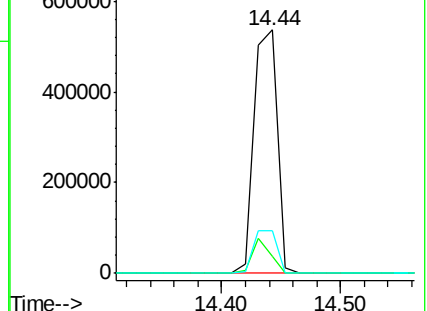
203 17.4 0.0 37.7



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: 16.23 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

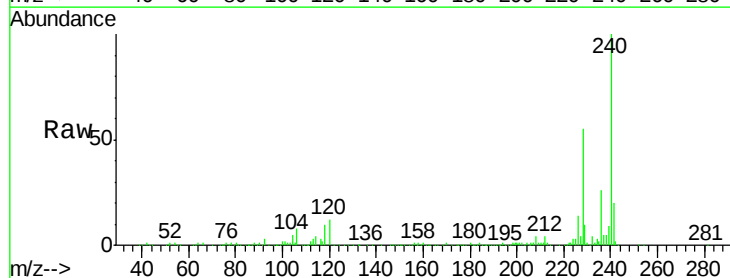
Tgt Ion:240 Resp: 325115

Ion Ratio Lower Upper

240 100

120 11.8 8.8 13.2

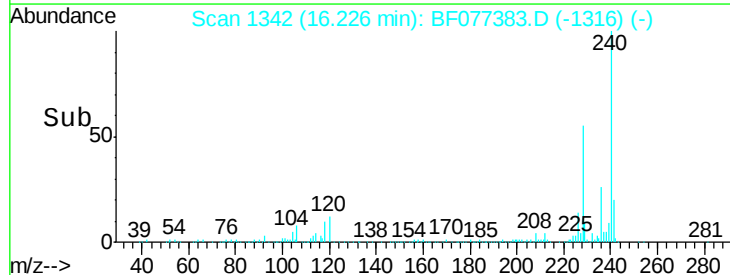
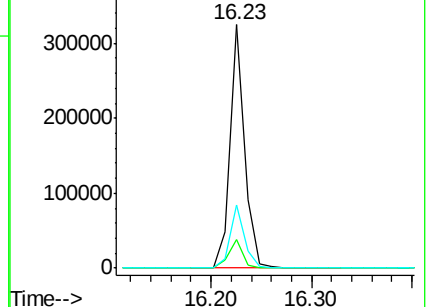
236 25.8 20.7 31.1

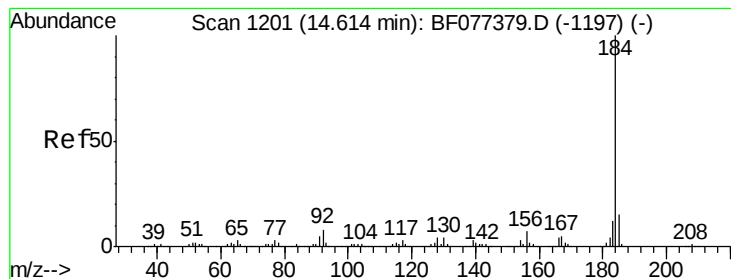


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 25.33 ng

RT: 14.61 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

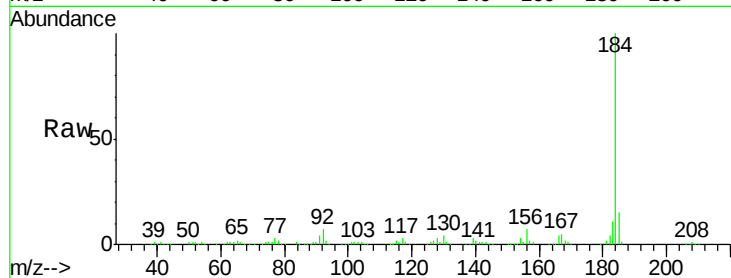
Tgt Ion:184 Resp: 278178

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

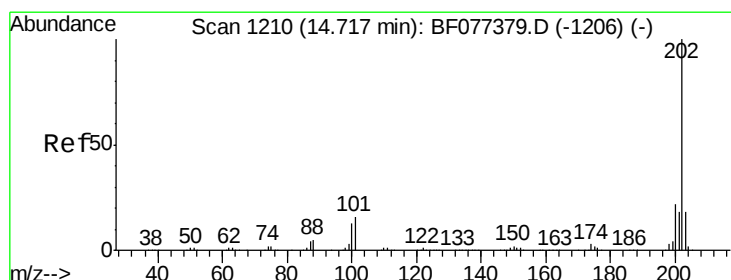
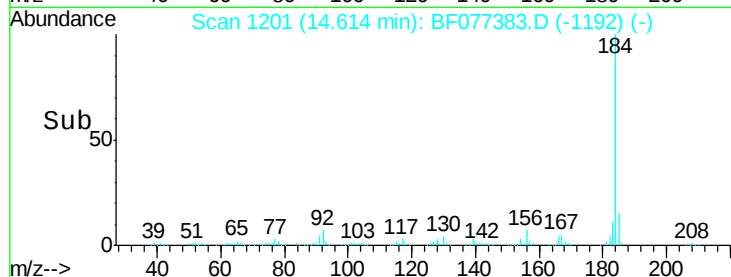
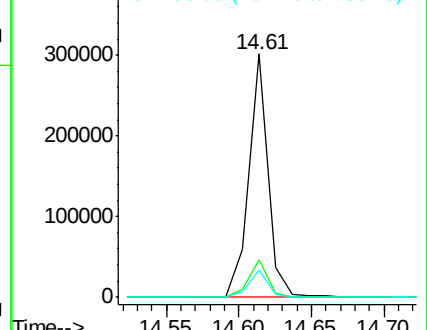
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 37.76 ng

RT: 14.72 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

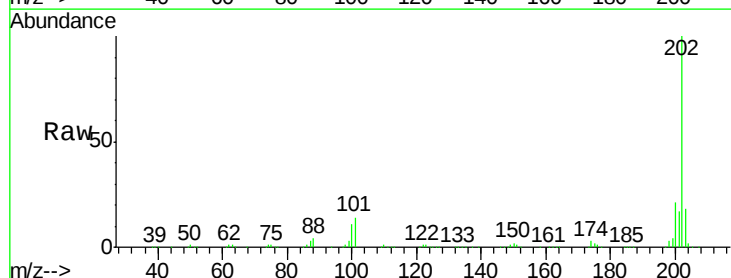
Tgt Ion:202 Resp: 750866

Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

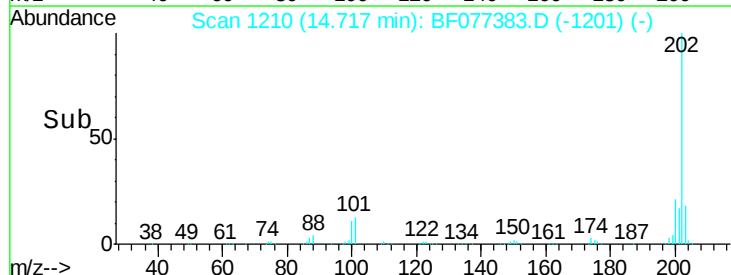
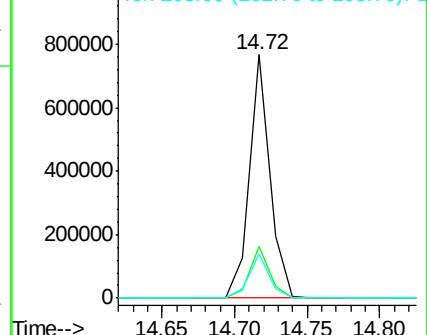
203 18.0 14.2 21.2

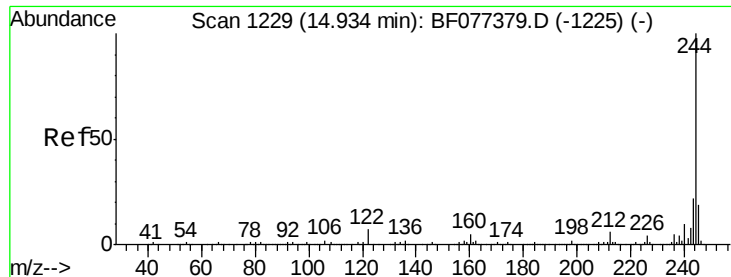


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

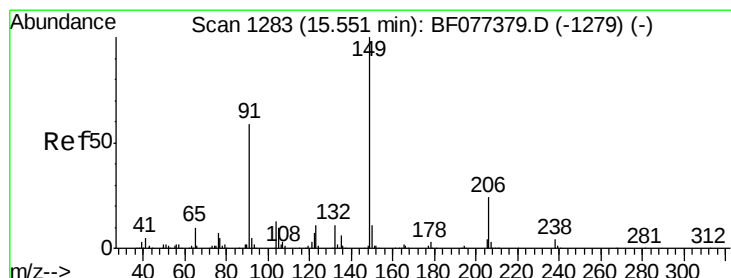
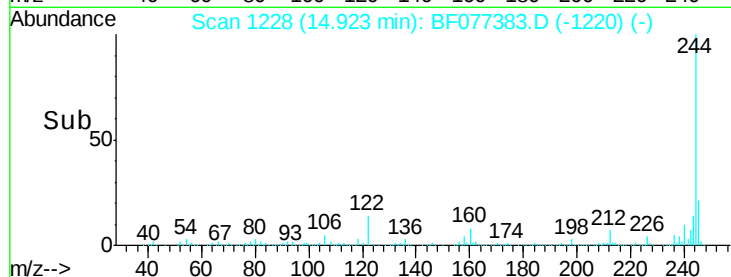
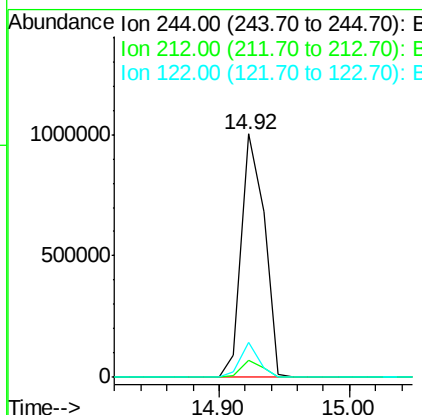
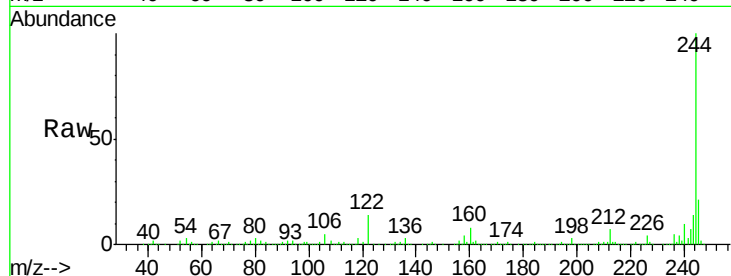




#78
 Terphenyl-d14
 Concen: 88.36 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

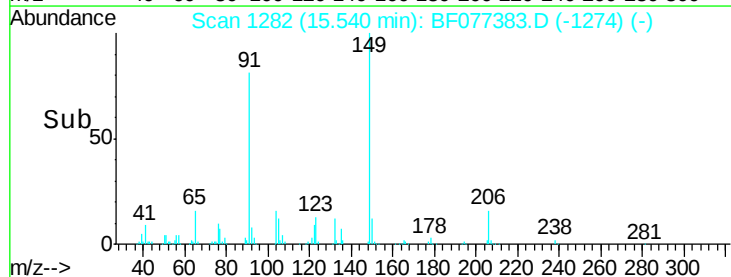
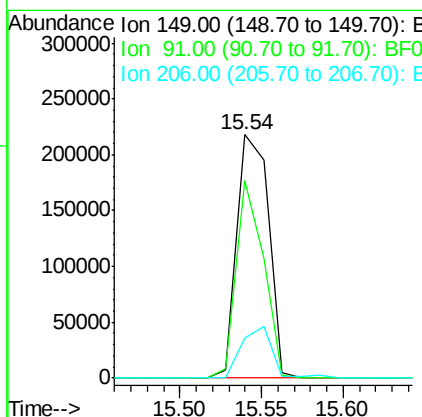
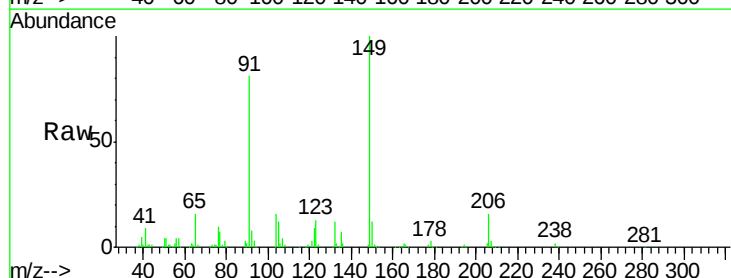
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BS

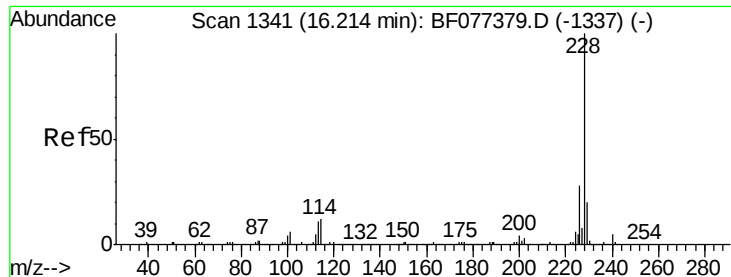
Tgt Ion:244 Resp: 1228812
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 14.2 7.8 11.8#



#79
 Butylbenzylphthalate
 Concen: 35.74 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF077383.D
 Acq: 20 Feb 2015 15:52

Tgt Ion:149 Resp: 292406
 Ion Ratio Lower Upper
 149 100
 91 81.4 51.2 76.8#
 206 16.4 17.8 26.8#





#80

Benzo(a)anthracene

Concen: 37.11 ng

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

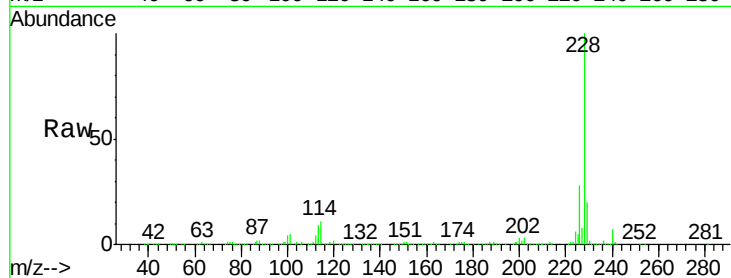
Tgt Ion:228 Resp: 707011

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

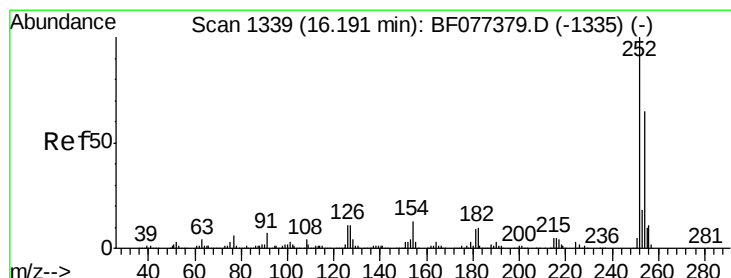
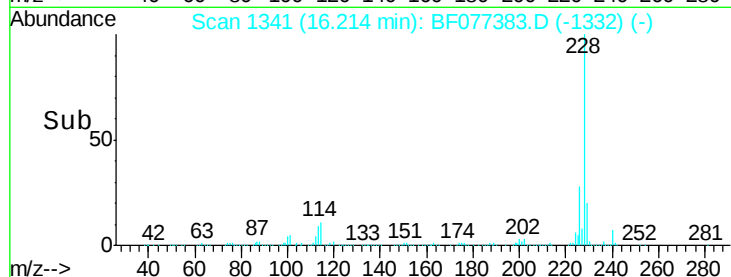
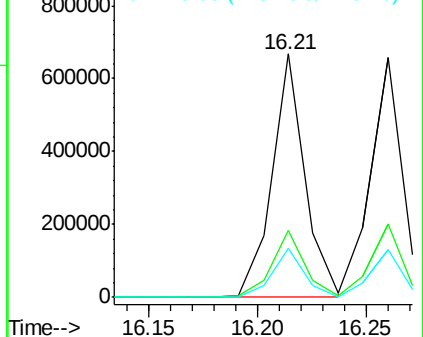
229 20.2 15.8 23.8



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: 15.83 ng

RT: 16.19 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

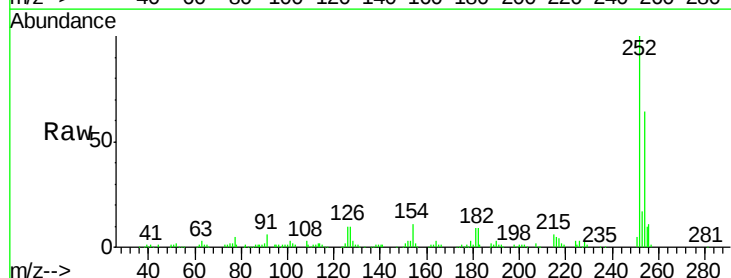
Tgt Ion:252 Resp: 110497

Ion Ratio Lower Upper

252 100

254 64.4 52.9 79.3

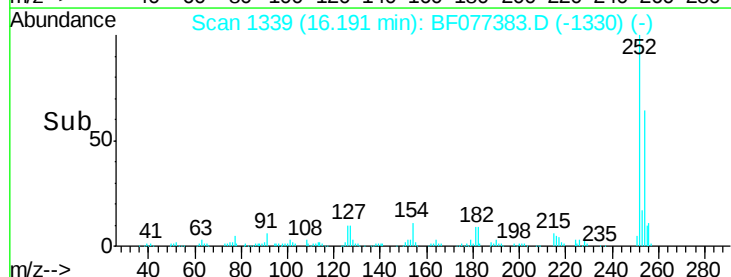
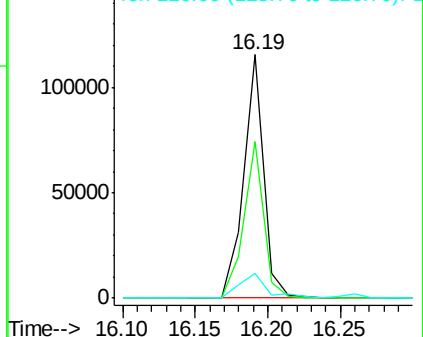
126 10.2 7.3 10.9

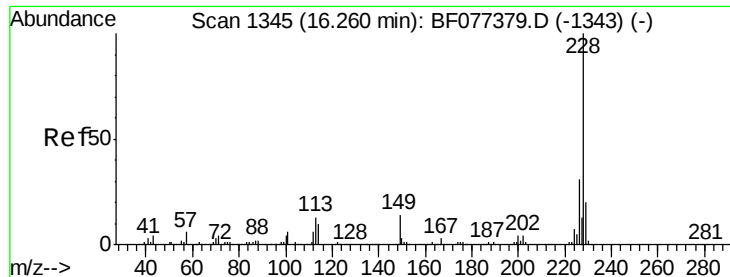


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.33 ng

RT: 16.26 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

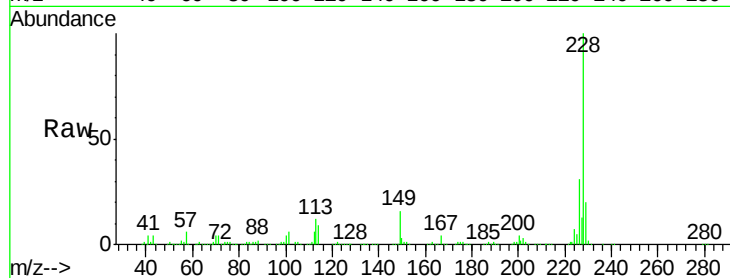
Tgt Ion:228 Resp: 667868

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

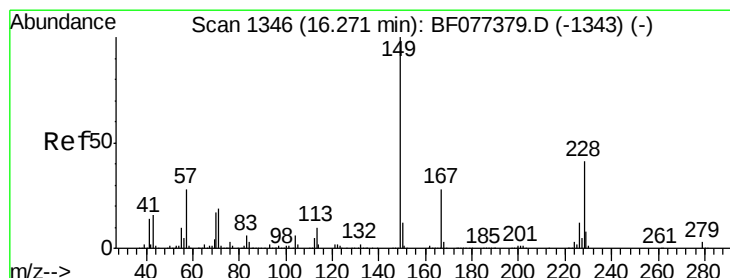
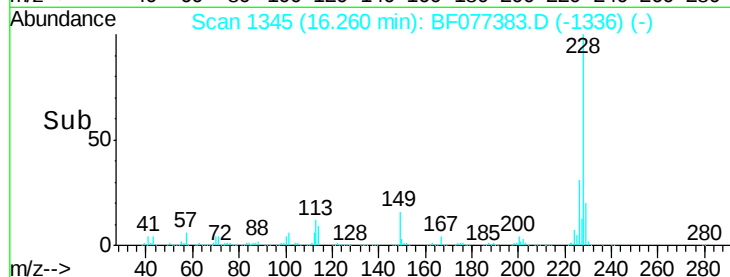
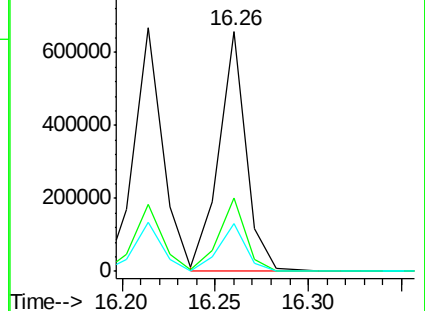
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.76 ng

RT: 16.27 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

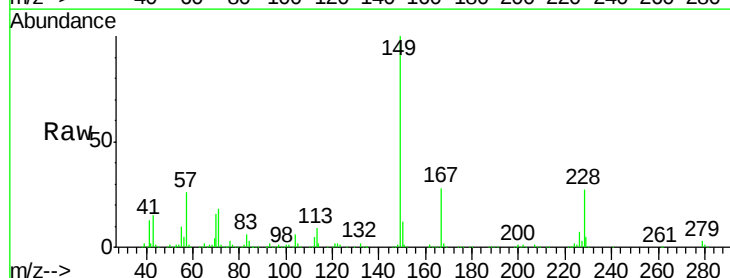
Tgt Ion:149 Resp: 429819

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

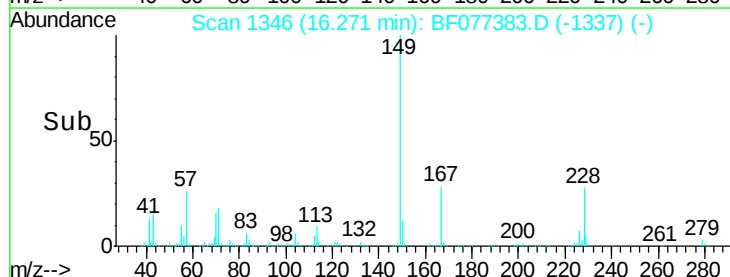
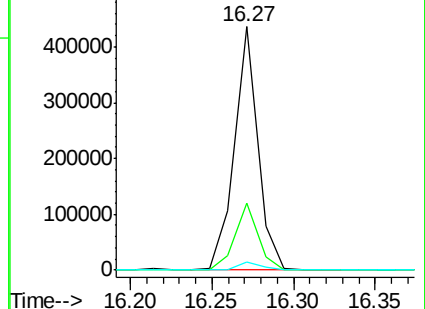
279 3.2 3.8 5.6#

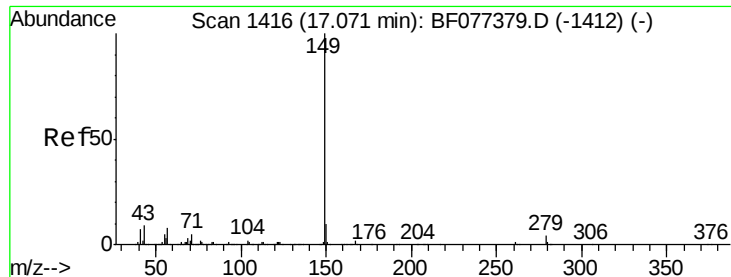


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 32.41 ng

RT: 17.07 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

Instrument :

BNA_F

ClientSampleId :

PB81812BS

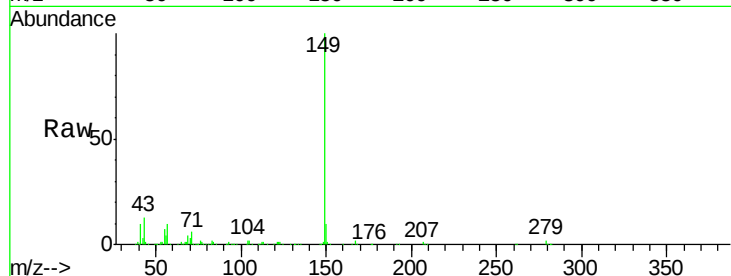
Tgt Ion:149 Resp: 709993

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

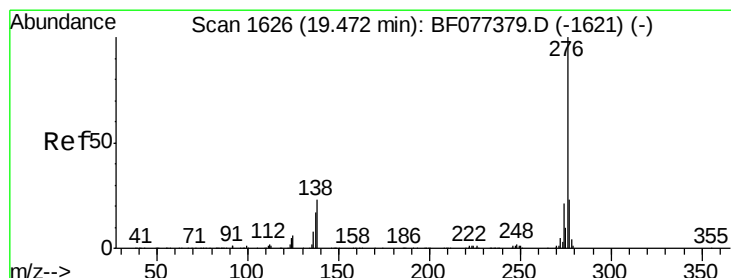
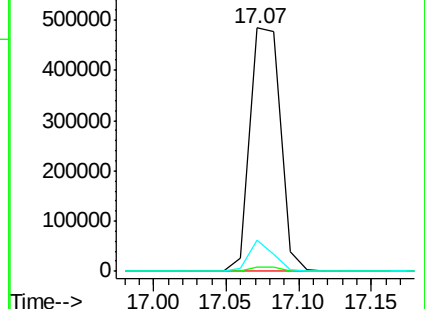
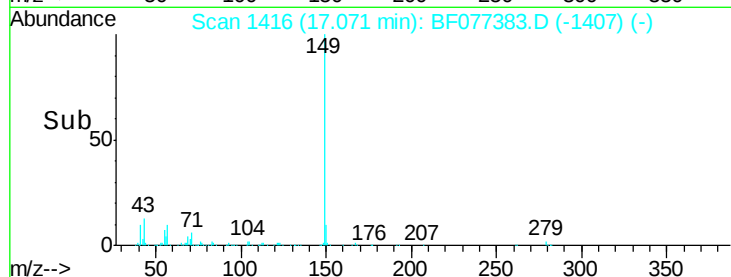
43 10.0 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.05 ng m

RT: 19.49 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF077383.D

Acq: 20 Feb 2015 15:52

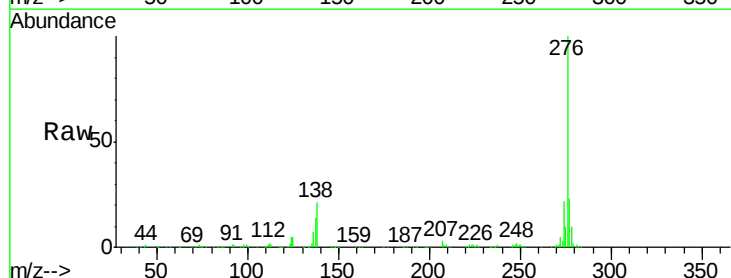
Tgt Ion:276 Resp: 755807

Ion Ratio Lower Upper

276 100

138 25.5 21.2 31.8

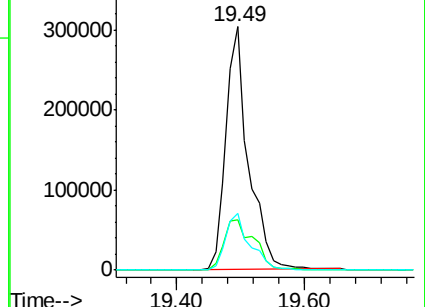
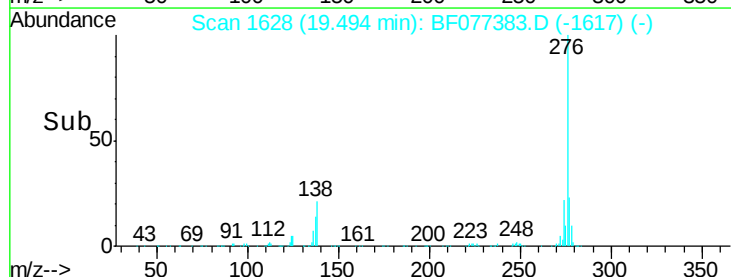
277 23.3 20.0 30.0

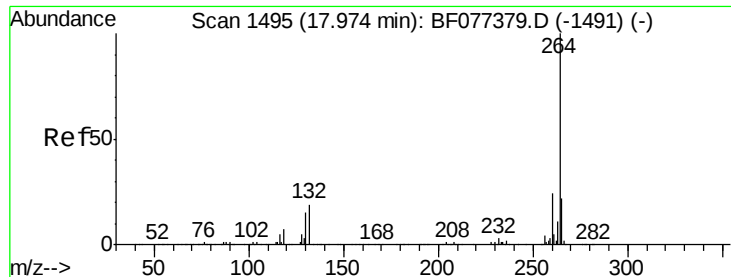


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

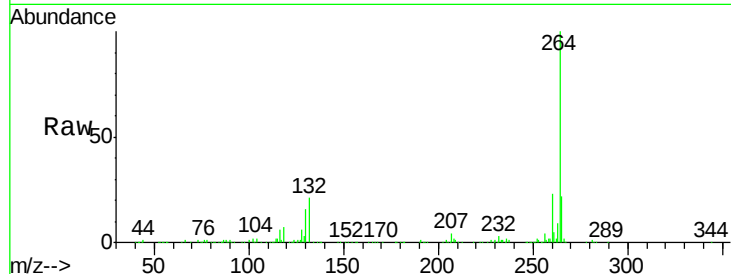




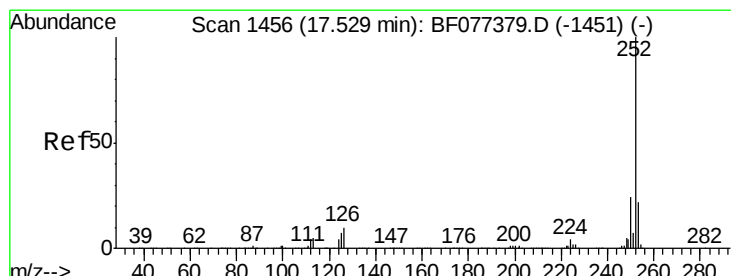
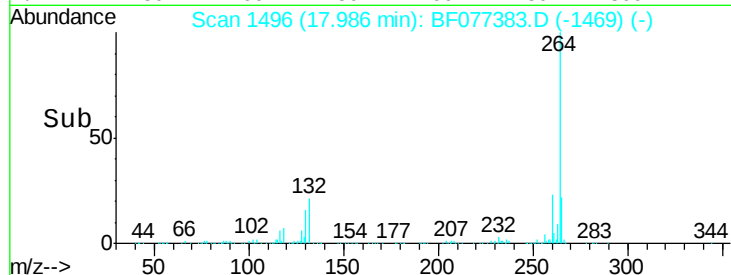
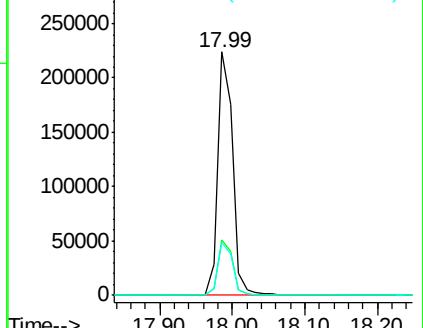
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion: 264 Resp: 317001
Ion Ratio Lower Upper
264 100
260 22.8 19.3 28.9
265 22.0 16.8 25.2

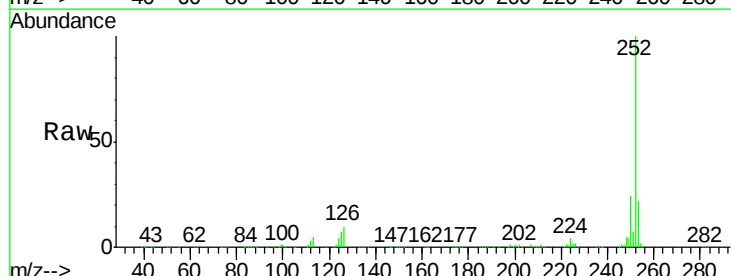


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

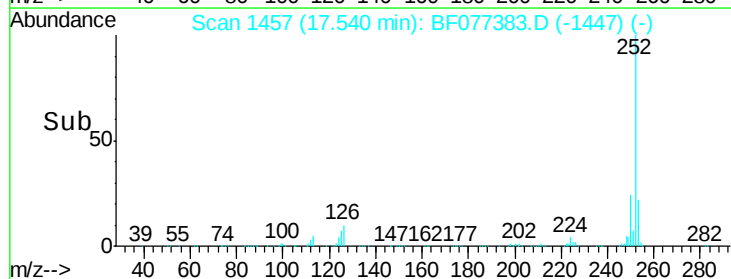
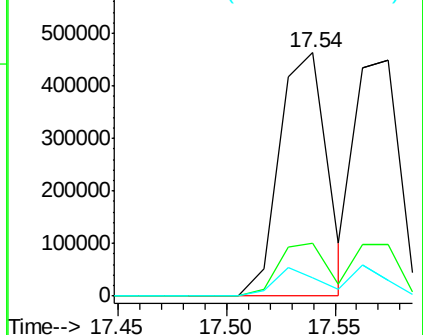


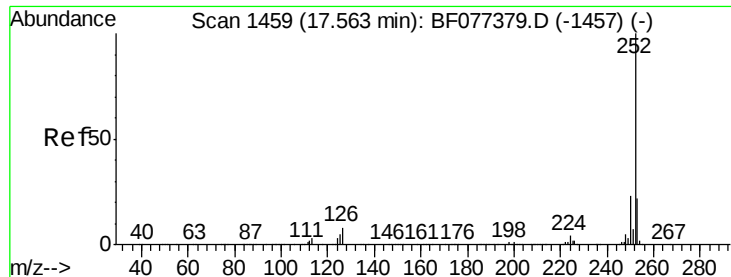
#87
Benzo(b)fluoranthene
Concen: 38.39 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion: 252 Resp: 707671
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.4 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

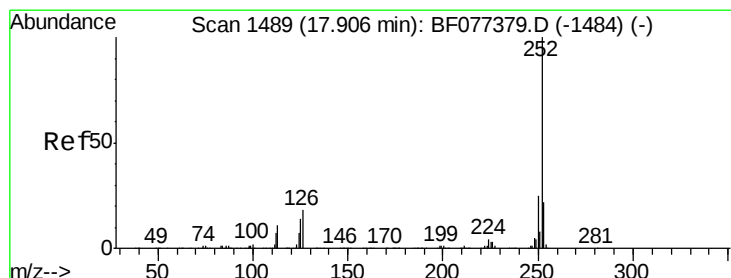
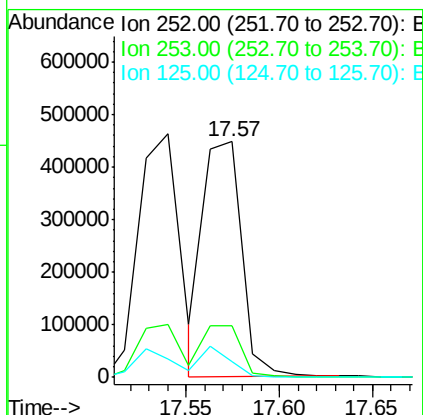
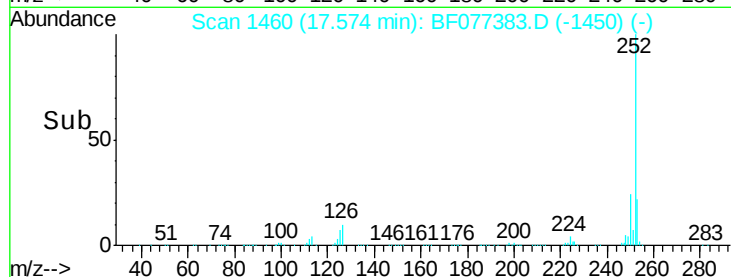
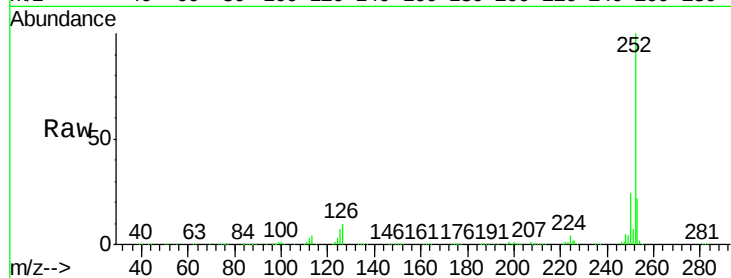




#88
Benzo(k)fluoranthene
Concen: 35.61 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

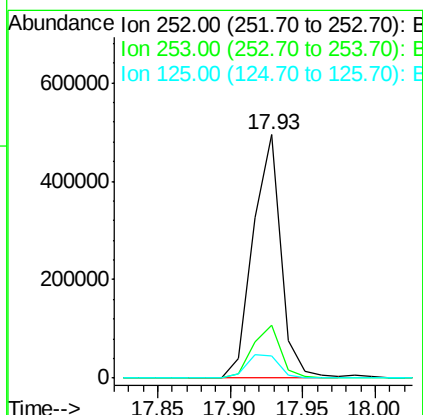
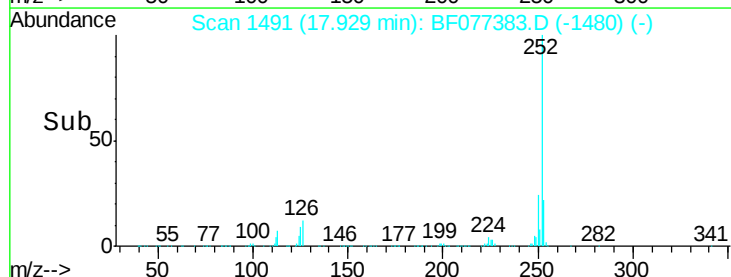
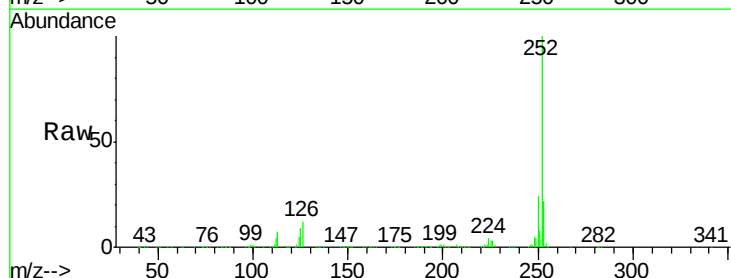
Instrument :
BNA_F
ClientSampleId :
PB81812BS

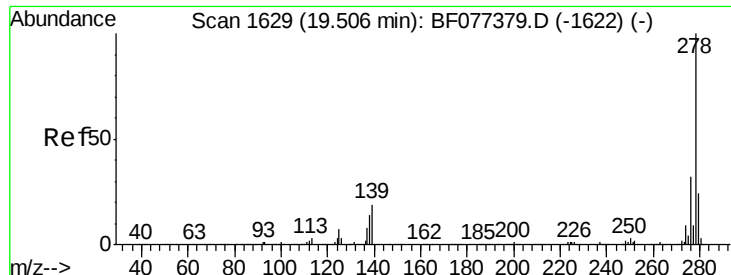
Tgt Ion:252 Resp: 643353
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 6.9 10.1 15.1#



#89
Benzo(a)pyrene
Concen: 37.68 ng
RT: 17.93 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion:252 Resp: 661517
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.0 8.3 12.5

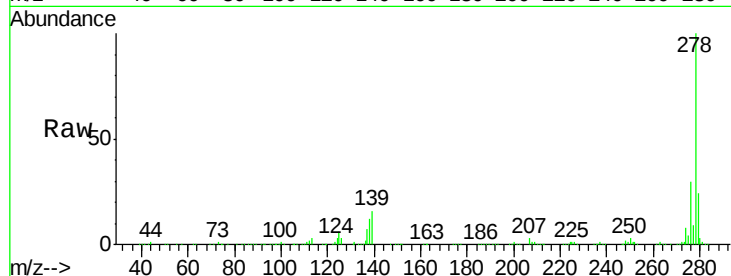




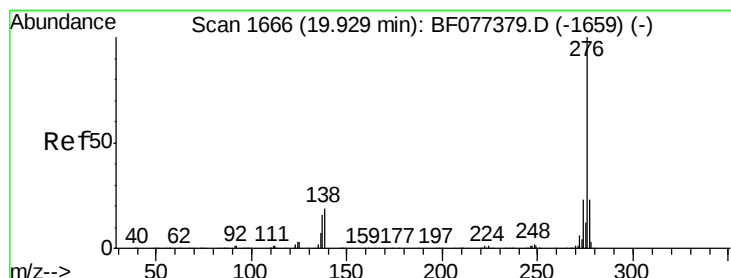
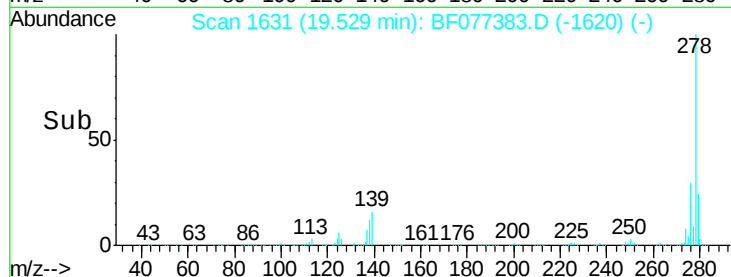
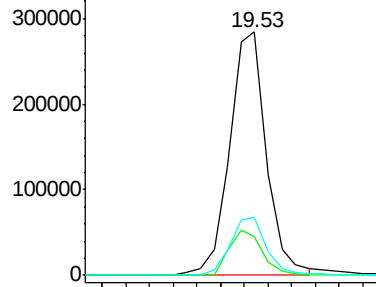
#90
Dibenzo(a,h)anthracene
Concen: 36.66 ng
RT: 19.53 min Scan# 1631
Delta R.T. 0.02 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Instrument :
BNA_F
ClientSampleId :
PB81812BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.3	21.5
279	24.0	19.0	28.6

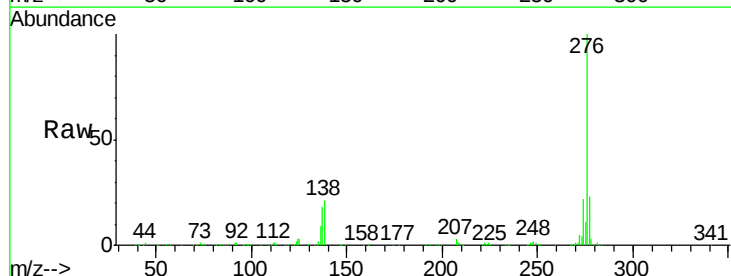


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 37.18 ng
RT: 19.94 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BF077383.D
Acq: 20 Feb 2015 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.4	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

