

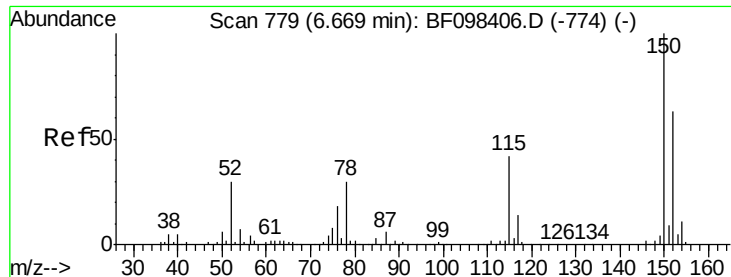
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
 Data File : BF098639.D
 Acq On : 19 Sep 2017 14:11
 Operator : SJ/JU
 Sample : PB102369BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102369BL

Quant Time: Sep 20 01:18:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133159	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	538853	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	253804	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	420802	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	356529	20.00	ng	-0.01
86) Perylene-d12	15.17	264	279128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	928918	103.14	ng	0.00
7) Phenol-d6	6.28	99	1167316	102.08	ng	-0.01
23) Nitrobenzene-d5	7.20	82	734056	75.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	215175	127.03	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1256776	83.93	ng	-0.01
78) Terphenyl-d14	12.73	244	1120785	67.85	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	21646	2.90	ng	81
19) n-Nitroso-di-n-propylamine	7.20	70	97911	13.61	ng	# 77
25) Isophorone	7.20	82	734047	37.54	ng	# 67
49) Dimethylphthalate	9.66	163	74539	3.79	ng	# 1
50) 2,6-Dinitrotoluene	9.66	165	31915	7.91	ng	# 34
56) 2,4-Dinitrotoluene	9.66	165	31915	6.50	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.45	198	217	5.04	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	16895	4.23	ng	# 1

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

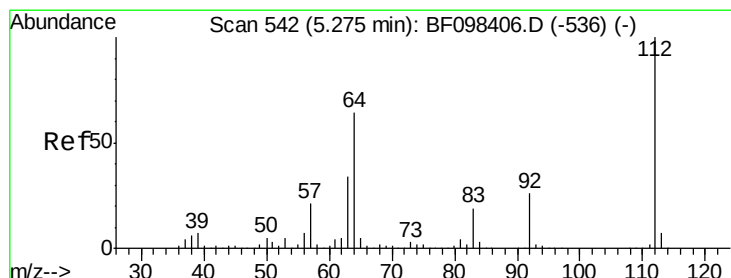
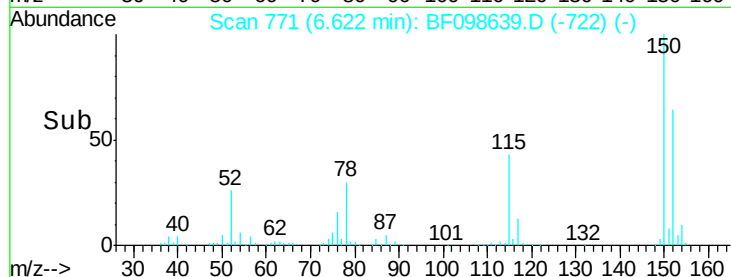
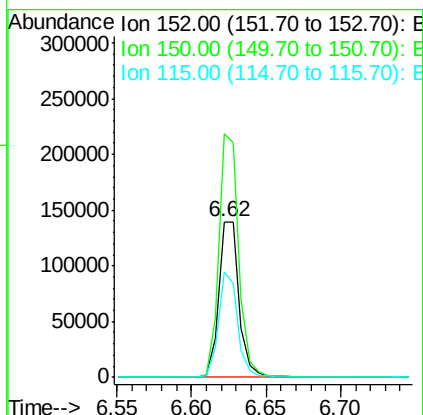
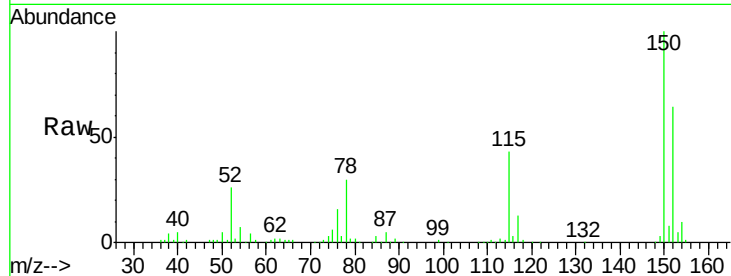


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB102369BL

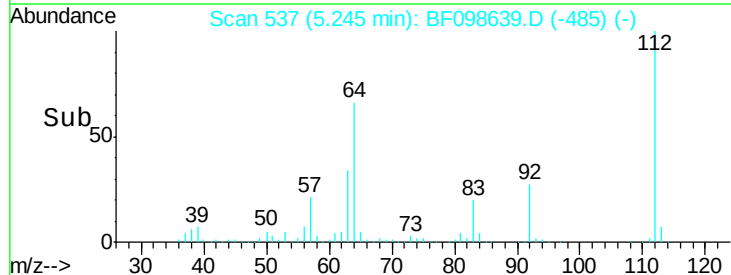
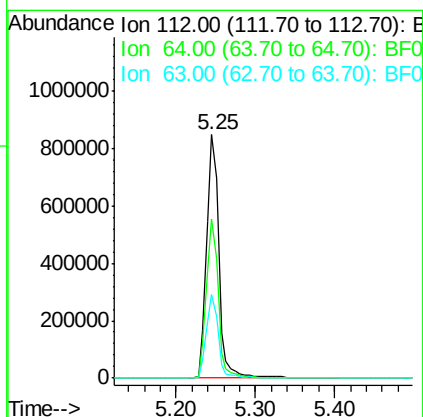
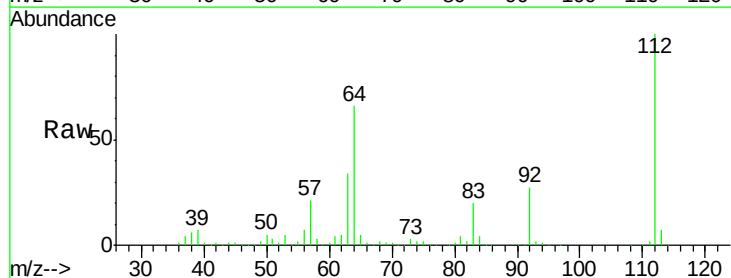
Tot Ion:152 Resp: 133159
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 67.8 52.2 78.2

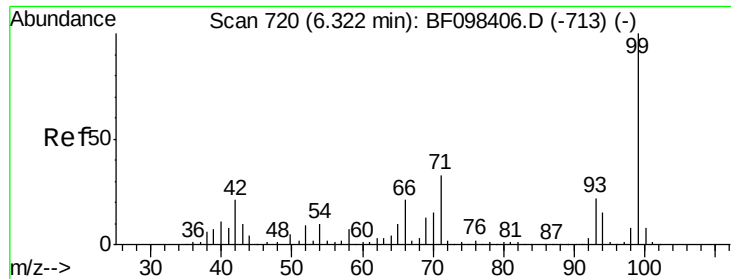


#5

2-Fluorophenol
Concen: 103.14 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Tgt Ion:112 Resp: 928918
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 34.4 23.4 35.0





#7

Phenol-d6

Concen: 102.08 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098639.D

Acq: 19 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

PB102369BL

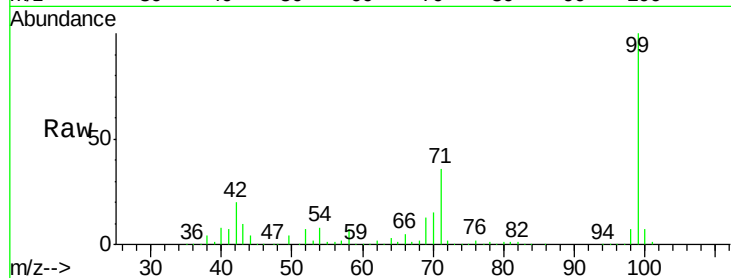
Tot Ion: 99 Resp: 1167316

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

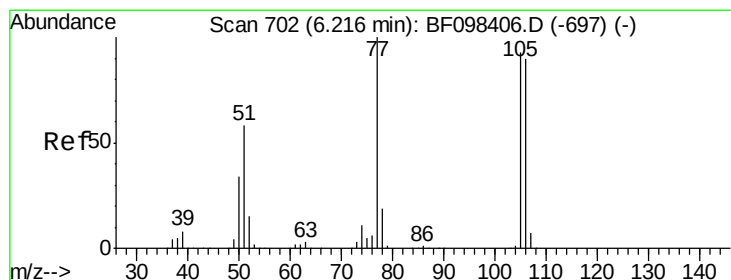
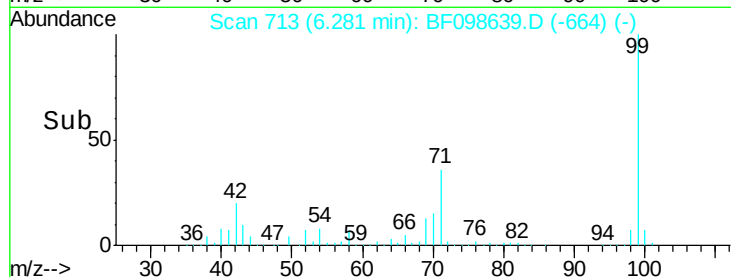
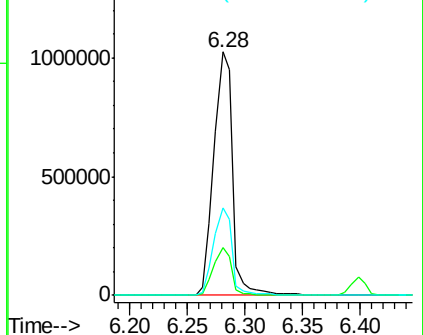
71 35.8 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.90 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.21 min

Lab File: BF098639.D

Acq: 19 Sep 2017 14:11

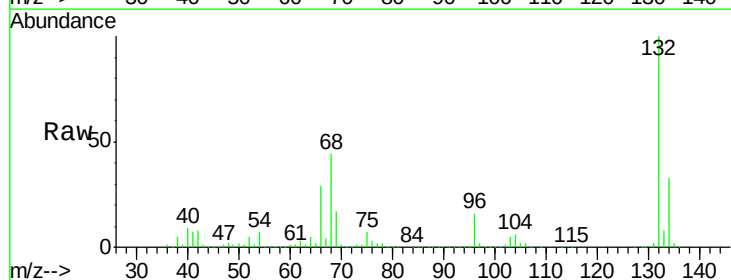
Tgt Ion: 77 Resp: 21646

Ion Ratio Lower Upper

77 100

105 84.4 83.8 123.8

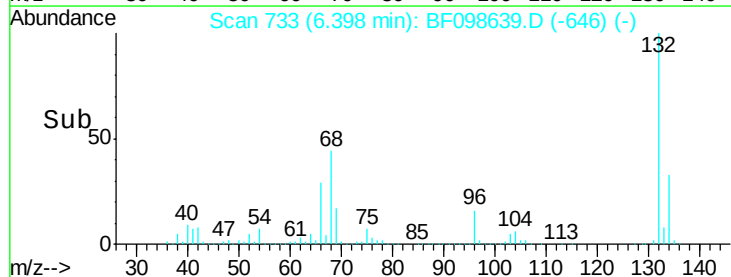
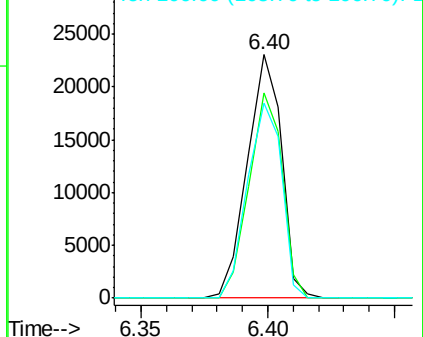
106 80.0 79.1 119.1

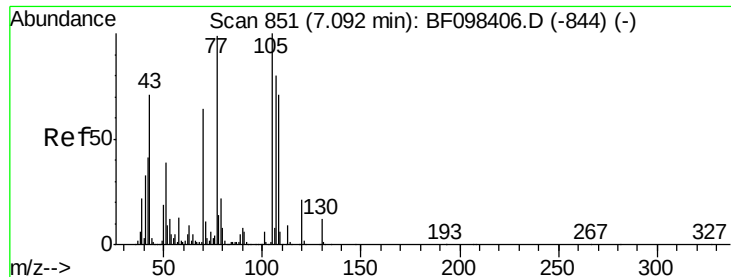


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

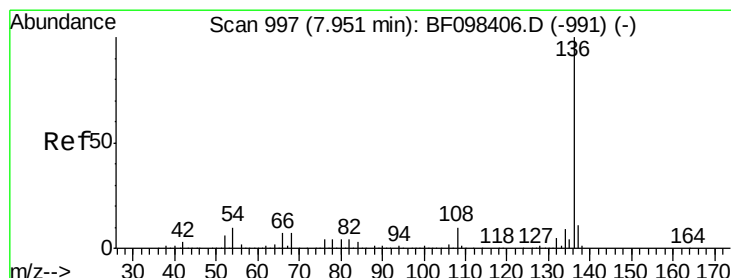
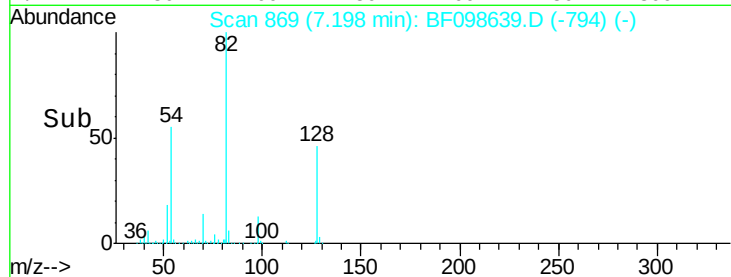
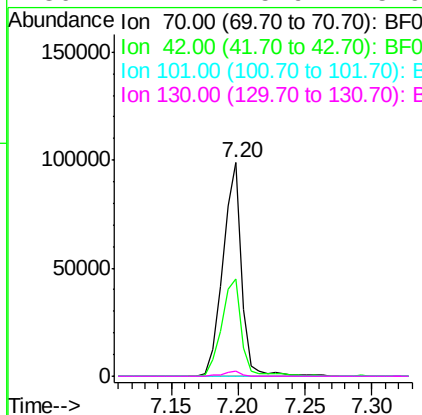
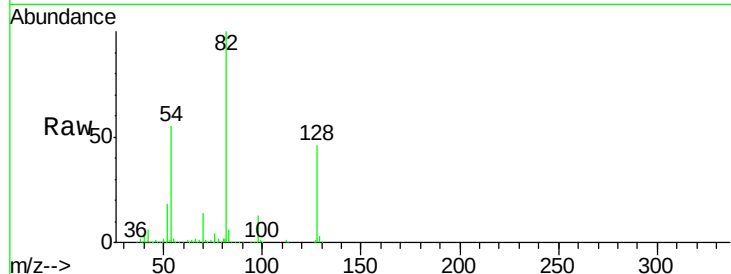




#19
n-Nitroso-di-n-propylamine
Concen: 13.61 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.14 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

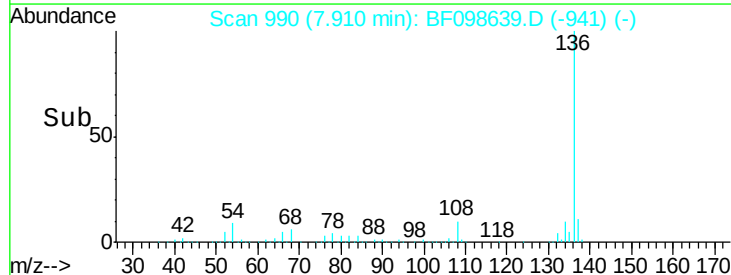
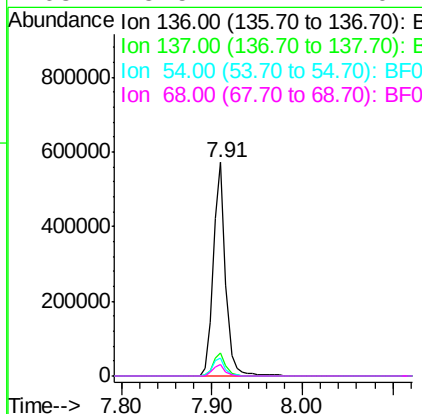
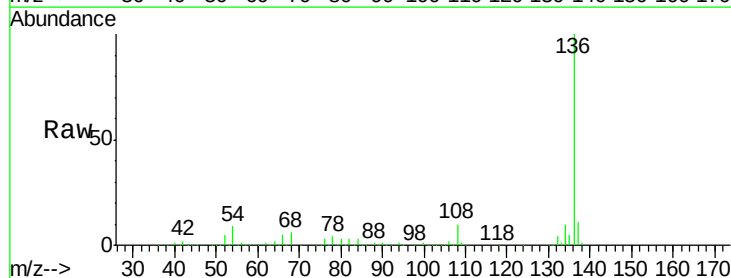
Instrument :
BNA_F
ClientSampleId :
PB102369BL

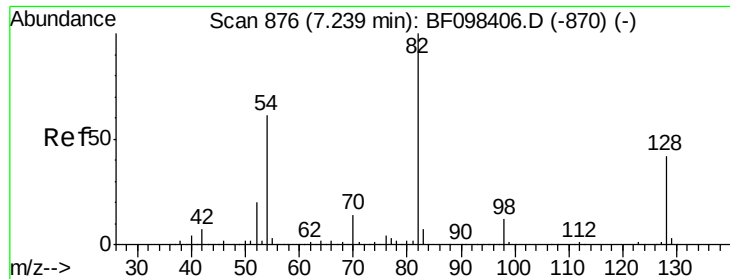
Tot Ion: 70 Resp: 97911
Ion Ratio Lower Upper
70 100
42 45.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Tgt Ion: 136 Resp: 538853
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.6 4.9 7.3#
68 5.5 4.1 6.1

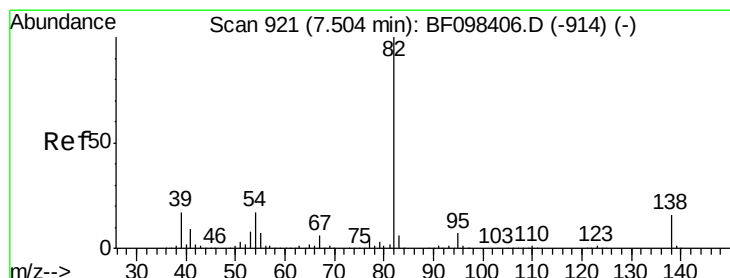
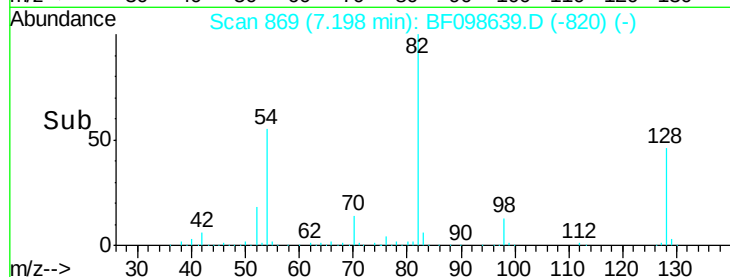
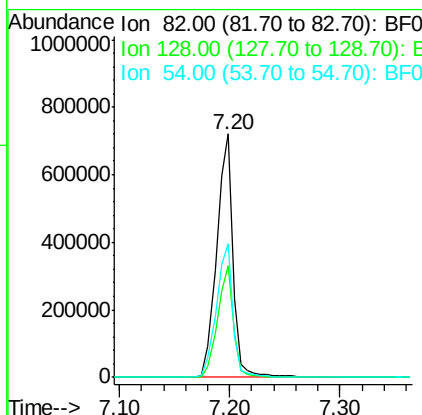
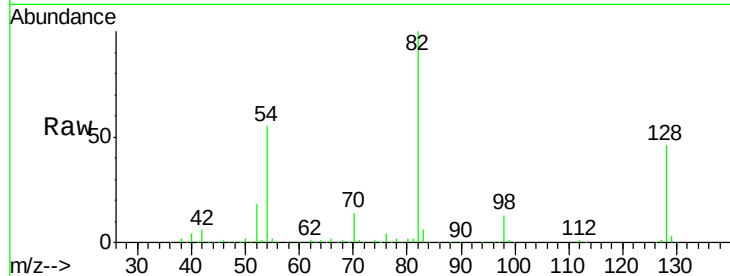




#23
 Nitrobenzene-d5
 Concen: 75.95 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098639.D
 Acq: 19 Sep 2017 14:11

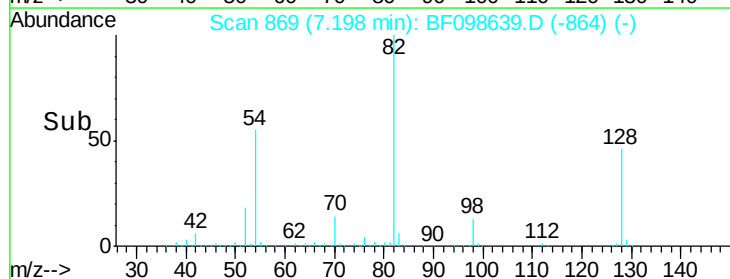
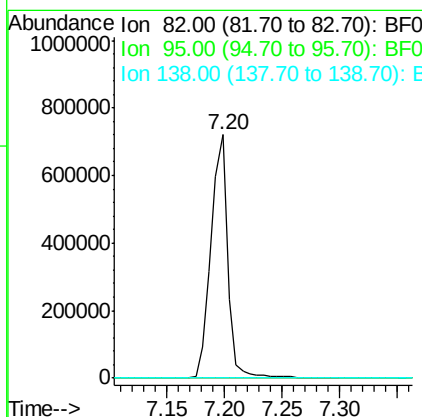
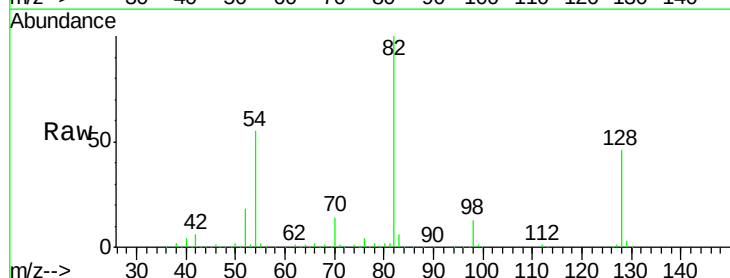
Instrument :
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 ClientSampleId :
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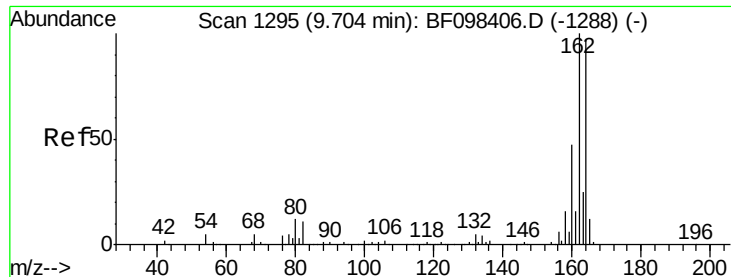
Tot Ion	82	Resp	734056
Ion Ratio	100	Lower	Upper
128	46.0	34.0	51.0
54	54.7	42.2	63.2



#25
 Isophorone
 Concen: 37.54 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.27 min
 Lab File: BF098639.D
 Acq: 19 Sep 2017 14:11

Tgt Ion	82	Resp	734047
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

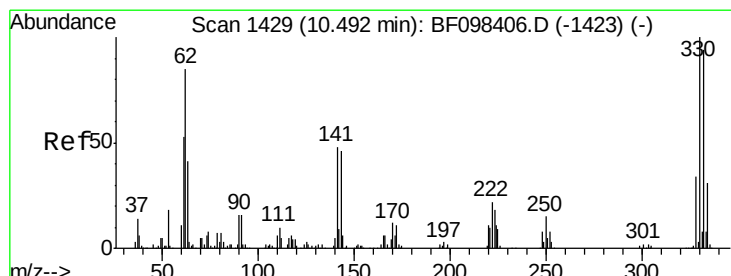
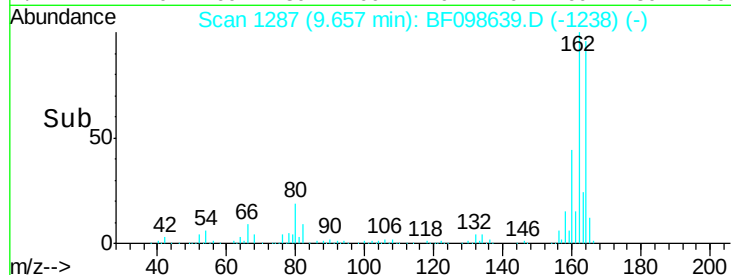
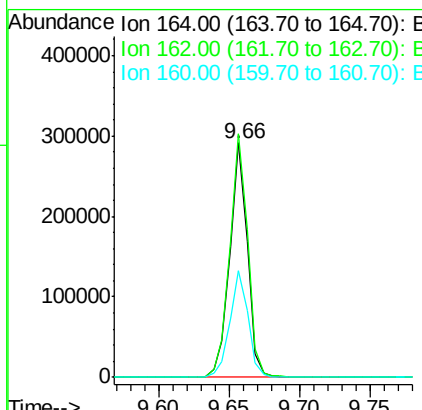
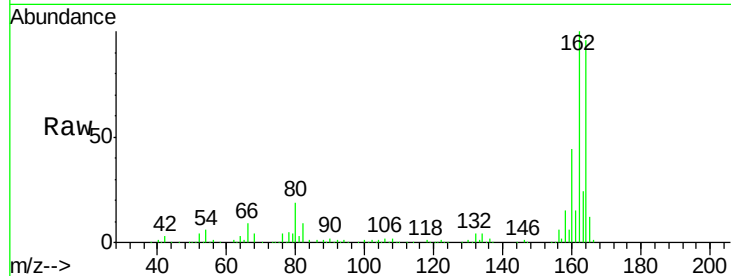




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

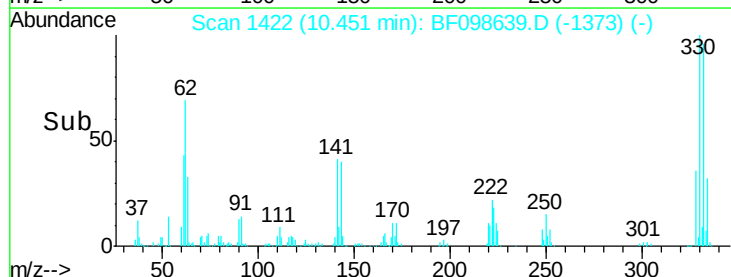
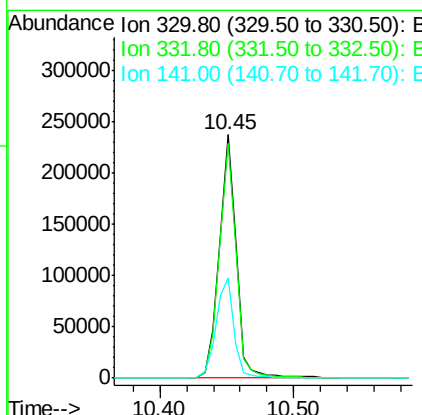
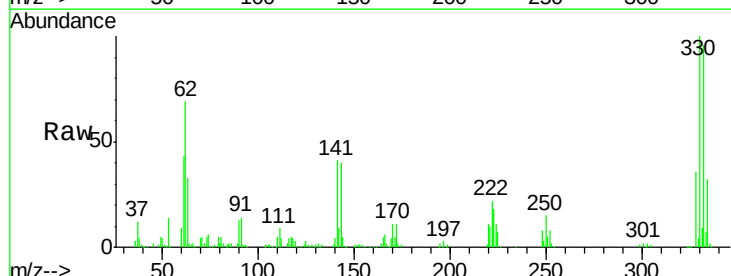
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ClientSampleId :
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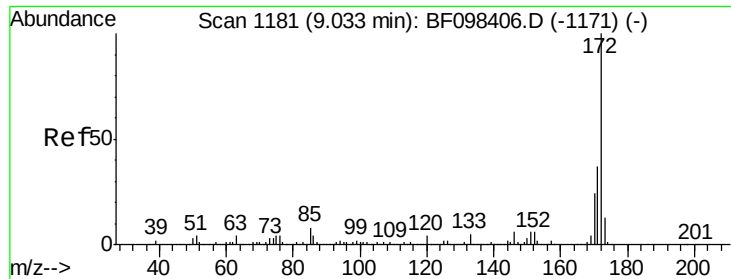
Tot Ion:164 Resp: 253804
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 127.03 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Tgt Ion:330 Resp: 215175
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 43.4 31.4 47.2

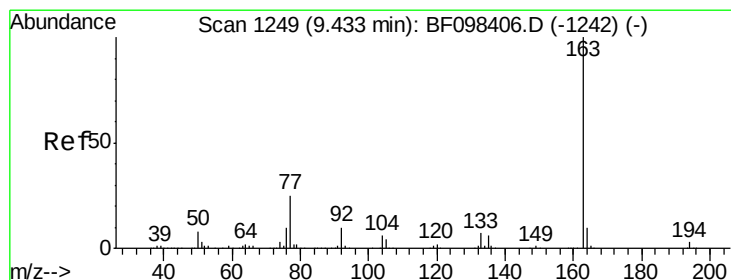
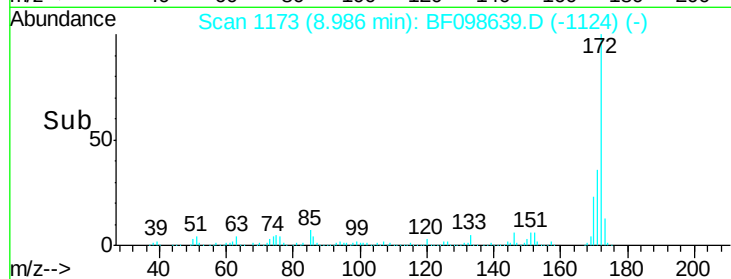
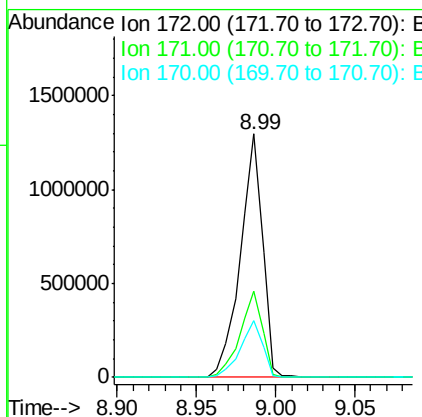
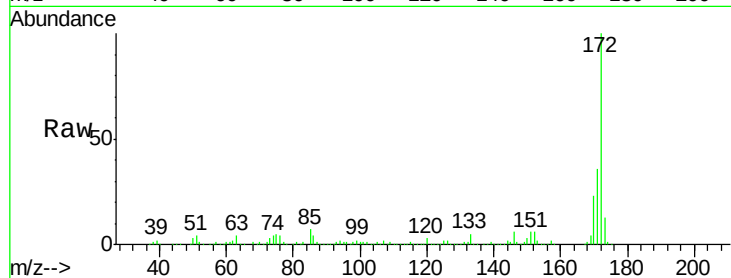




#44
2-Fluorobiphenyl
Concen: 83.93 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

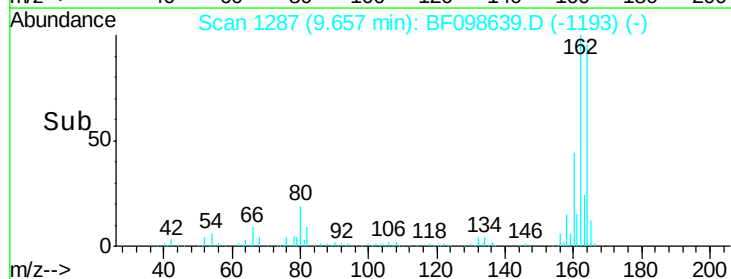
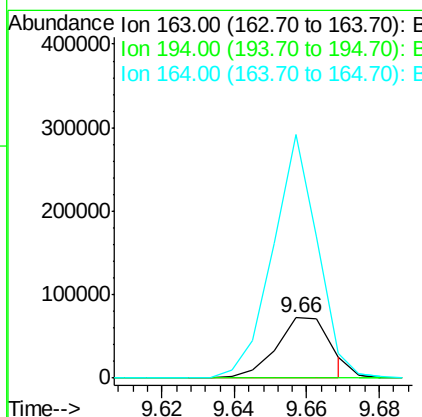
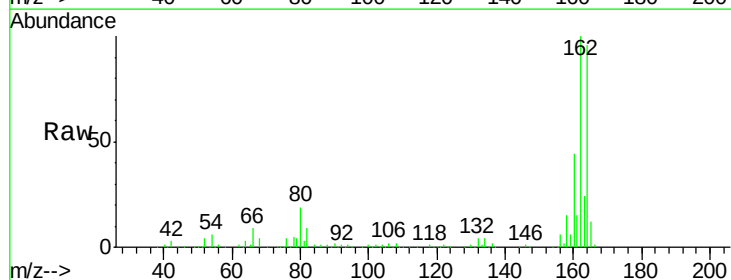
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ClientSampleId :
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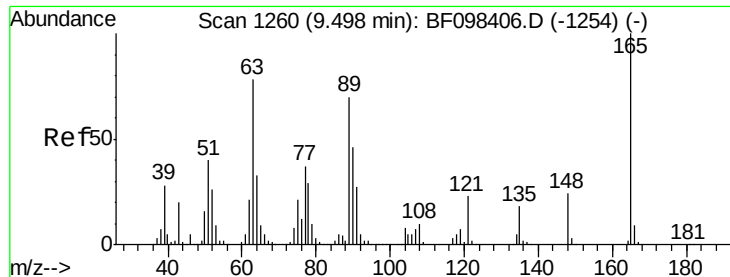
Tot Ion:172 Resp: 1256776
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 3.79 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.25 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Tgt Ion:163 Resp: 74539
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 405.7 8.4 12.6#

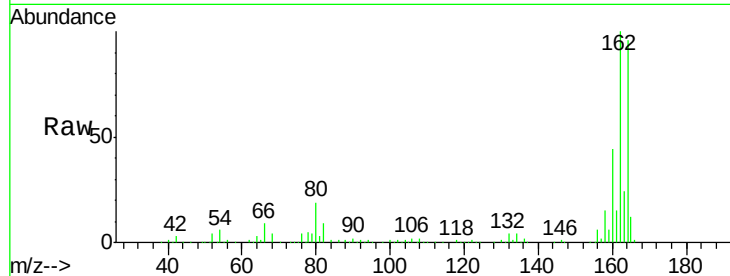




#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.19 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB102369BL

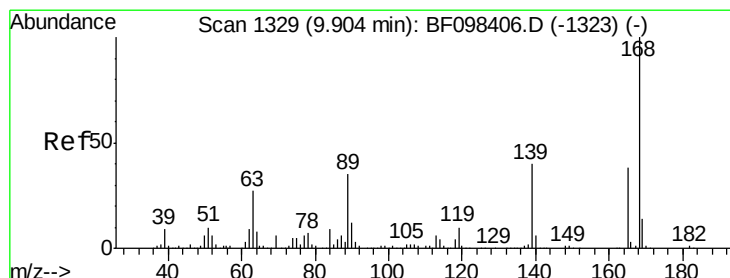
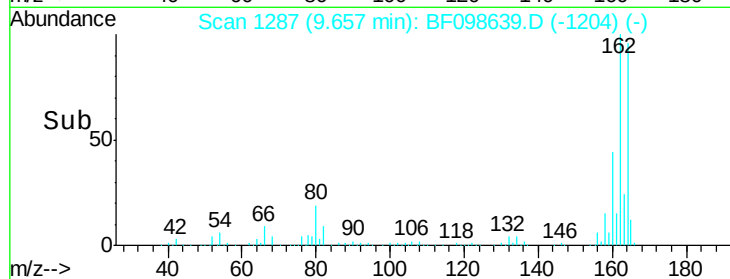
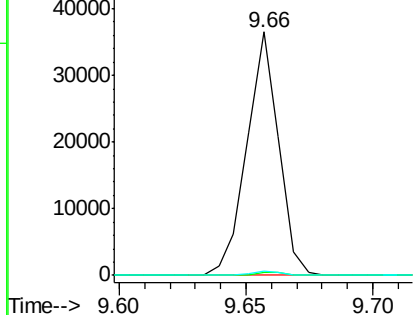
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	37.1	55.7#



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



#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.22 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

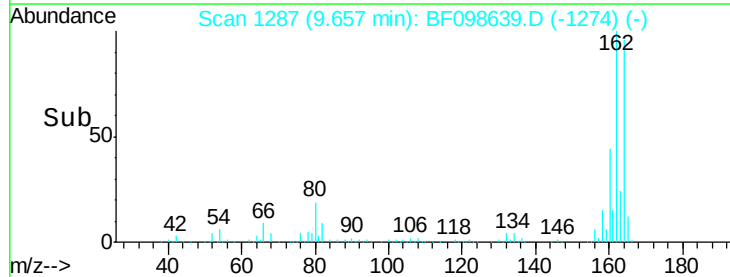
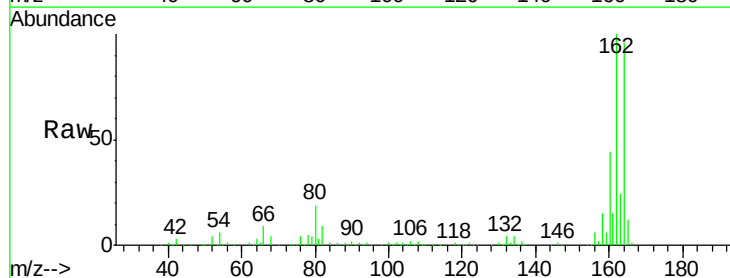
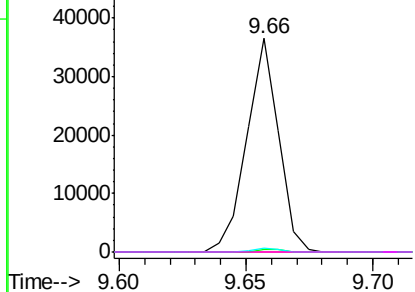
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

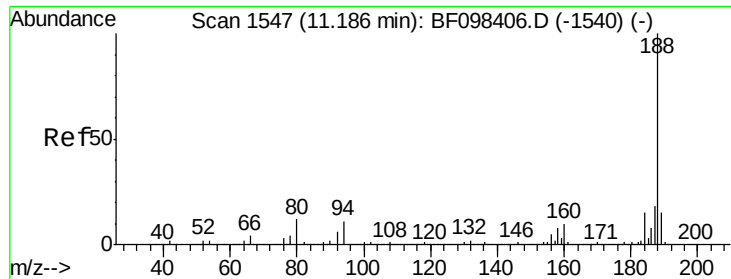
Abundance Ion 165.00 (164.70 to 165.70): E

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

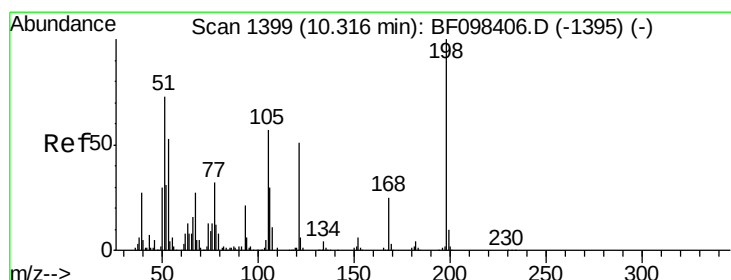
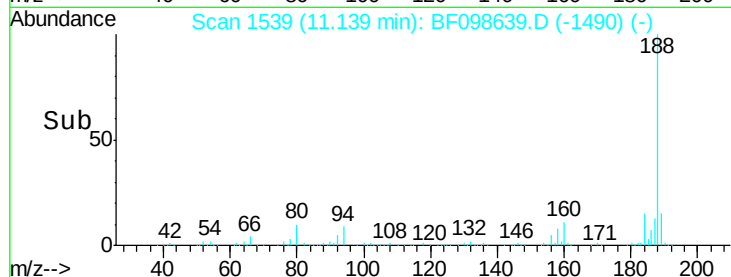
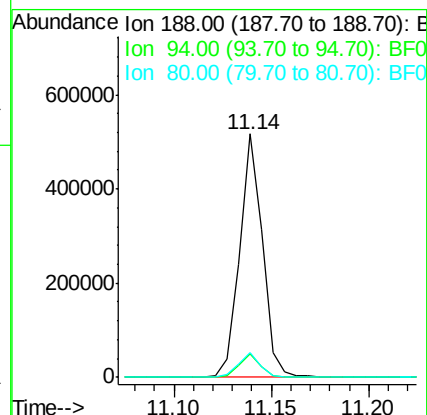
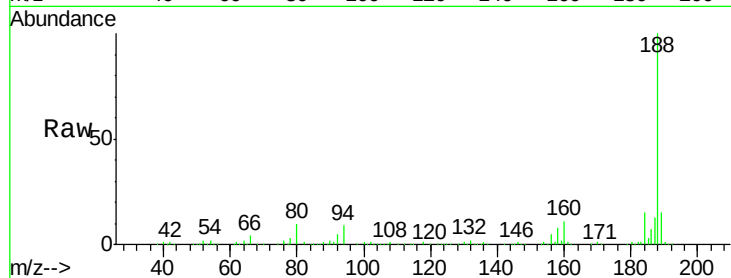




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

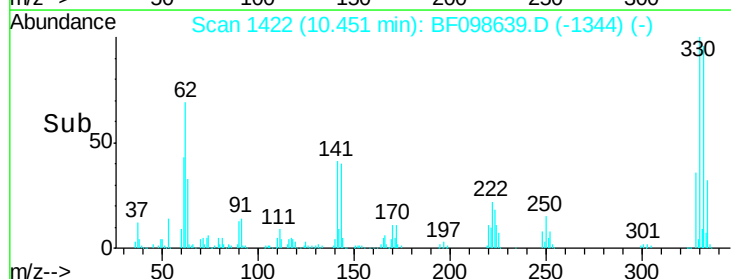
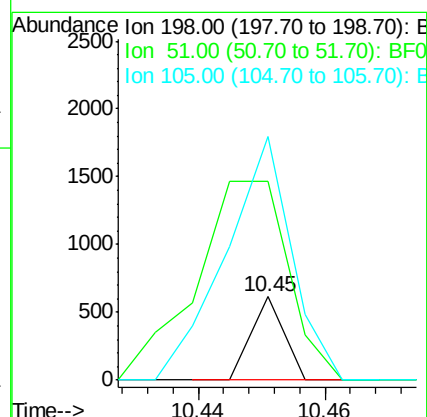
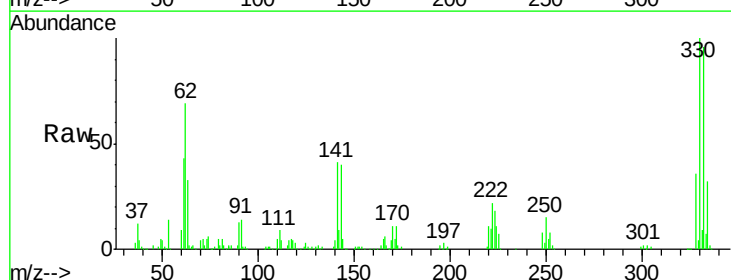
Instrument :
BNA_F
ClientSampleId :
PB102369BL

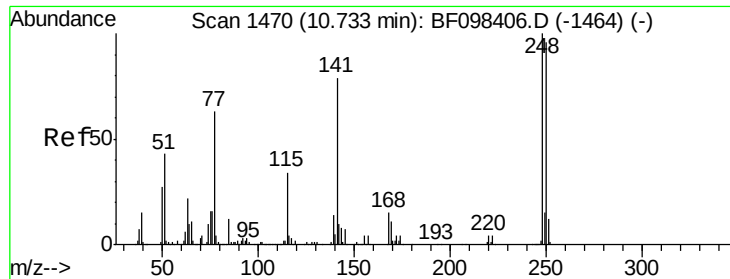
Tot Ion:188 Resp: 420802
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.0 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.04 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.16 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Tgt Ion:198 Resp: 217
Ion Ratio Lower Upper
198 100
51 238.8 53.2 93.2#
105 292.5 45.8 85.8#

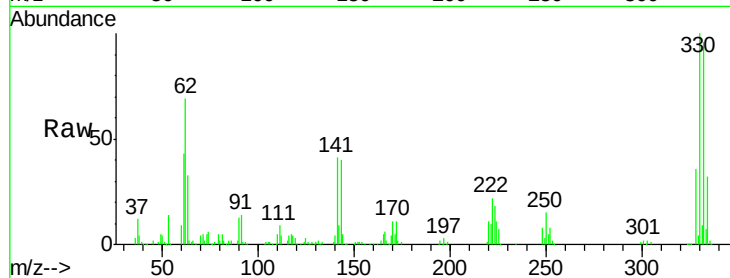




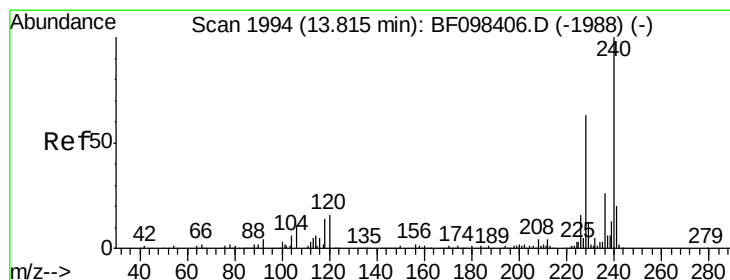
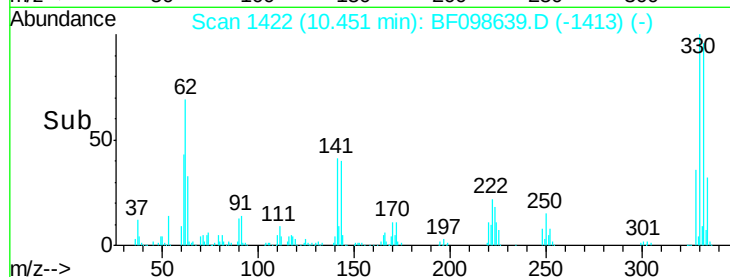
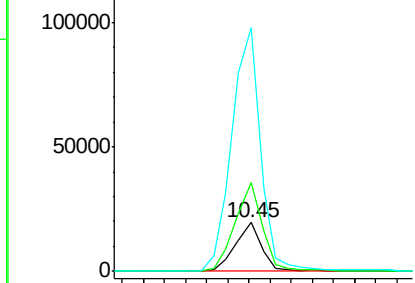
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.25 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Instrument :
BNA_F
ClientSampleId :
PB102369BL

Tot Ion:248 Resp: 16895
Ion Ratio Lower Upper
248 100
250 182.3 76.8 115.2#
141 500.9 68.6 103.0#

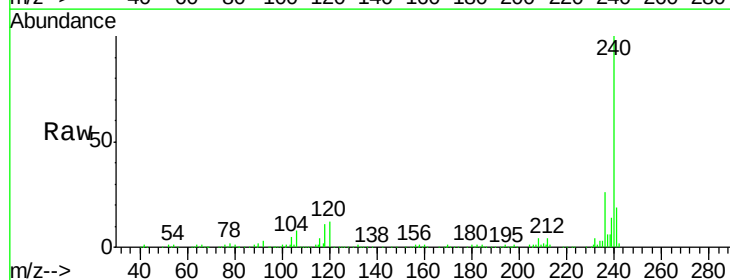


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

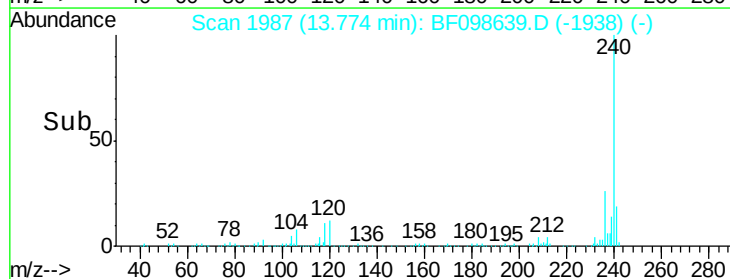
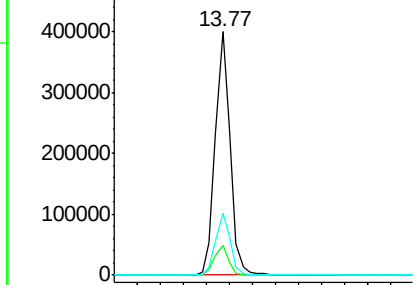


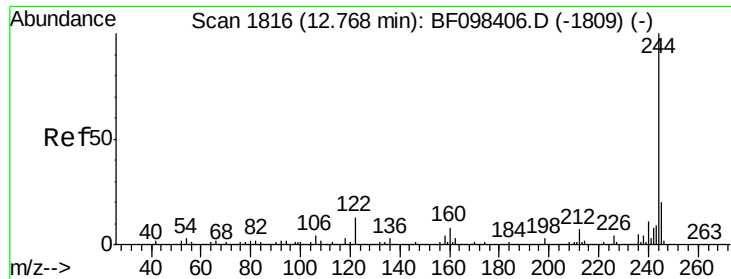
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098639.D
Acq: 19 Sep 2017 14:11

Tgt Ion:240 Resp: 356529
Ion Ratio Lower Upper
240 100
120 12.2 5.8 8.8#
236 25.6 20.5 30.7



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





#78

Terphenyl-d14

Concen: 67.85 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF098639.D

Acq: 19 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

PB102369BL

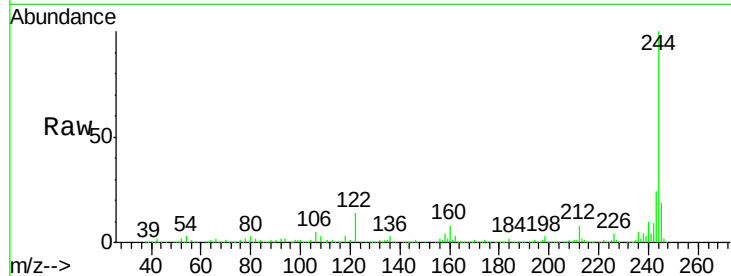
Tot Ion:244 Resp: 1120785

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

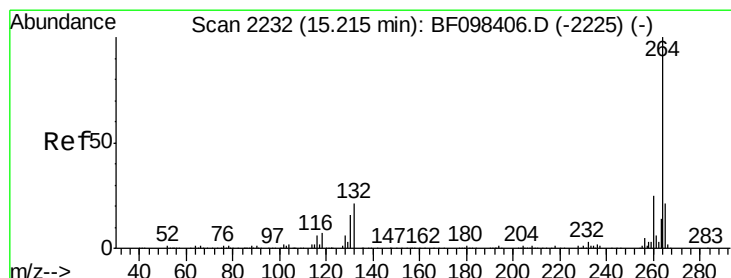
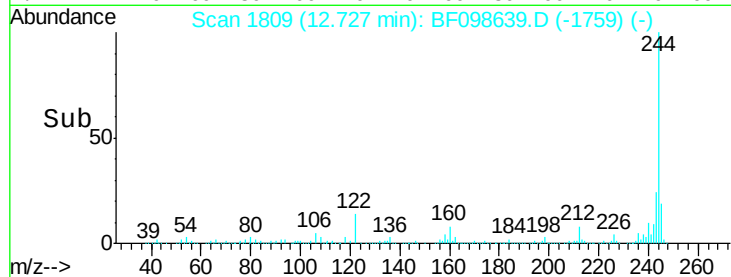
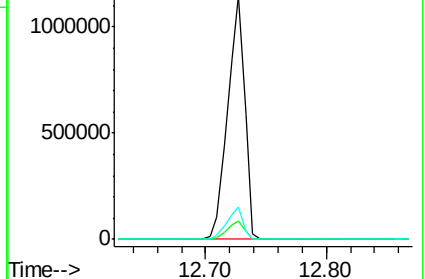
122 13.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF098639.D

Acq: 19 Sep 2017 14:11

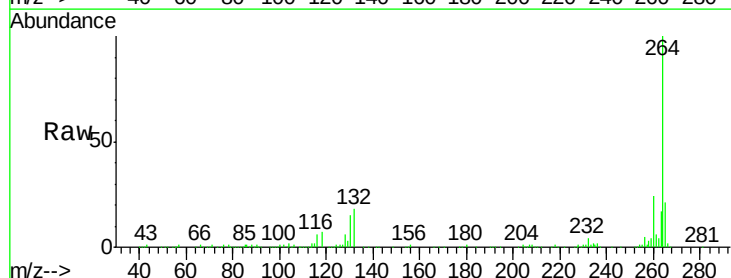
Tgt Ion:264 Resp: 279128

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.1 17.2 25.8



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

