

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098474.D
 Acq On : 13 Sep 2017 2:49
 Operator : SJ/JU
 Sample : PB101225TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

Quant Time: Sep 13 03:38:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

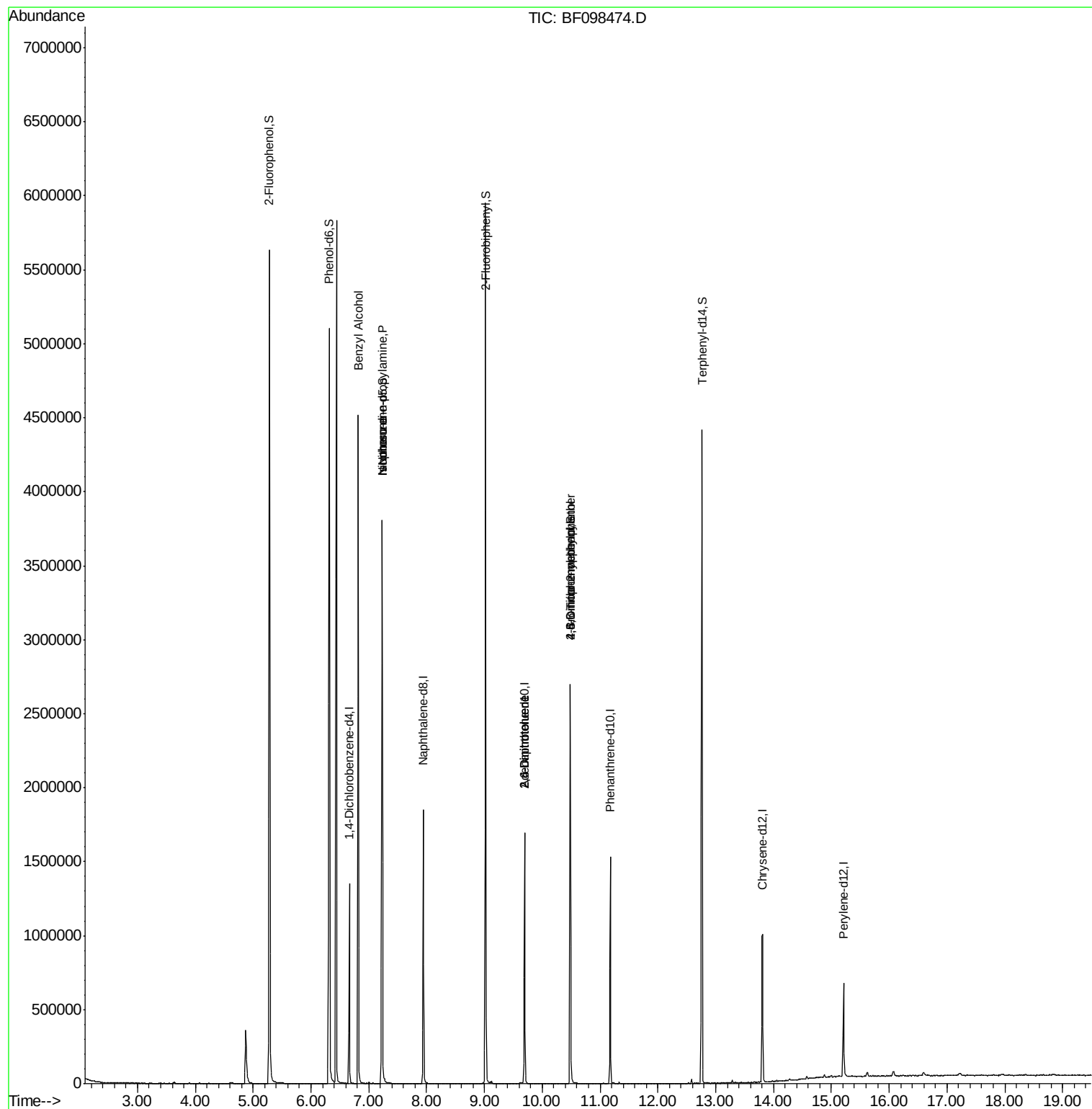
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195728	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	790171	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319165	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	478511	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	346550	20.00	ng	0.00
86) Perylene-d12	15.21	264	254669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1786600	134.96	ng	0.00
7) Phenol-d6	6.32	99	2197997	130.77	ng	0.00
23) Nitrobenzene-d5	7.23	82	1320937	93.20	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	278433	130.71	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2095647	111.29	ng	-0.01
78) Terphenyl-d14	12.76	244	1352417	84.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.82	79	22874	2.045	ng	# 39
19) n-Nitroso-di-n-propylamine	7.23	70	175841	16.632	ng	# 80
25) Isophorone	7.23	82	1296592	45.214	ng	# 67
50) 2,6-Dinitrotoluene	9.69	165	40759	8.032	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	40759	6.606	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.48	198	642	5.160	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	20602	4.536	ng	# 1

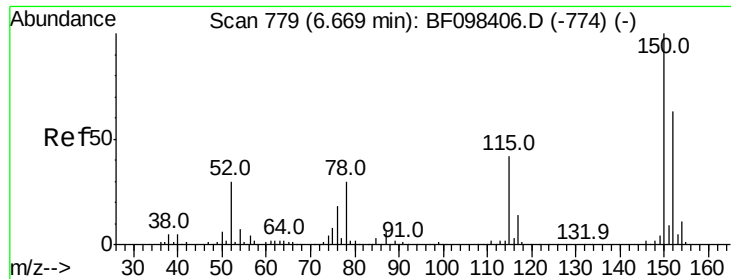
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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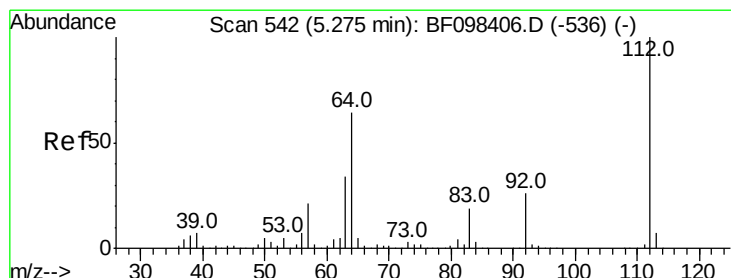
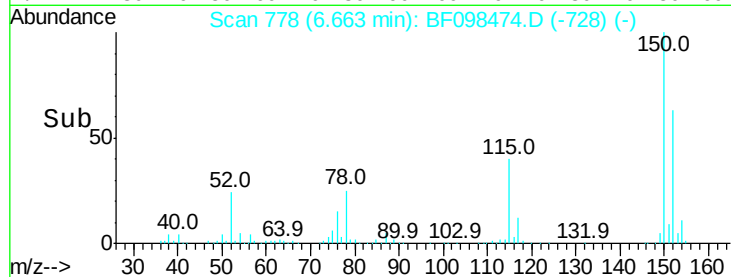
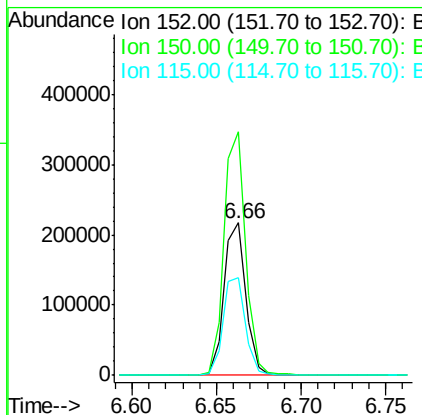
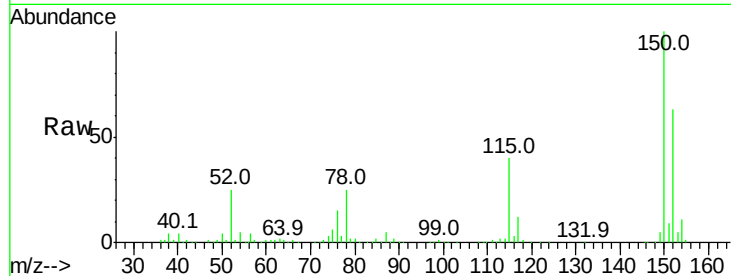


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

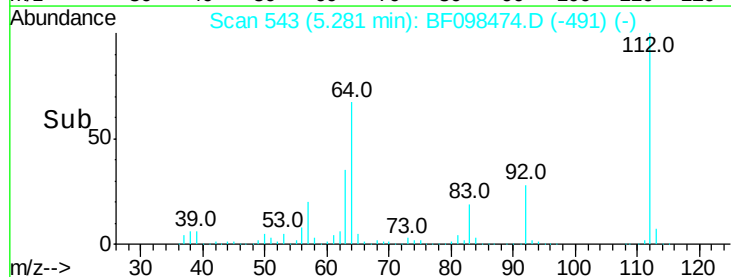
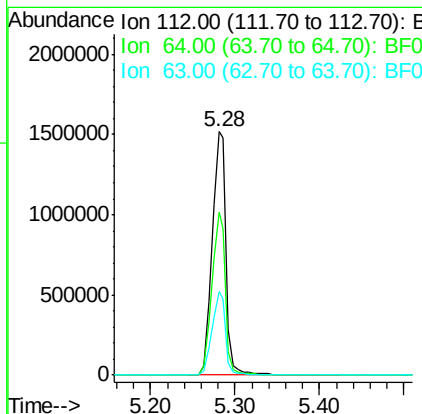
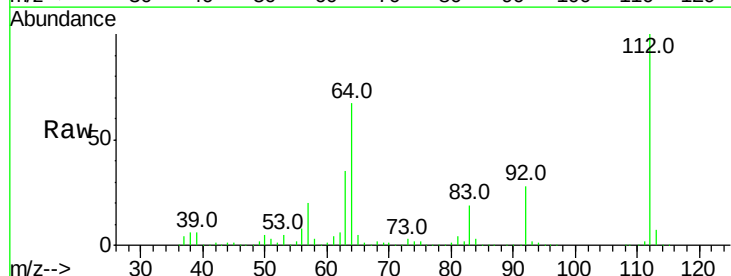
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	64.4	52.2	78.2

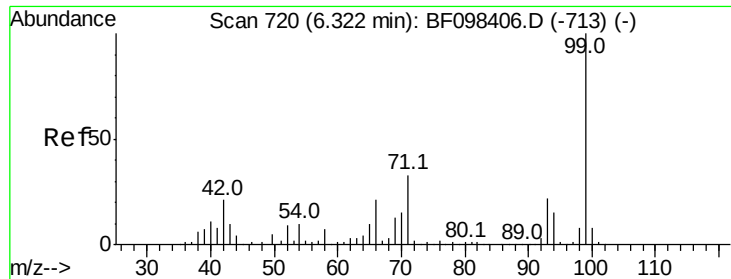


#5

2-Fluorophenol
 Concen: 134.959 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.0	69.0
63	34.5	23.4	35.0





#7

Phenol-d6

Concen: 130.772 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

Instrument :

BNA_F

ClientSampleId :

PB102225TB

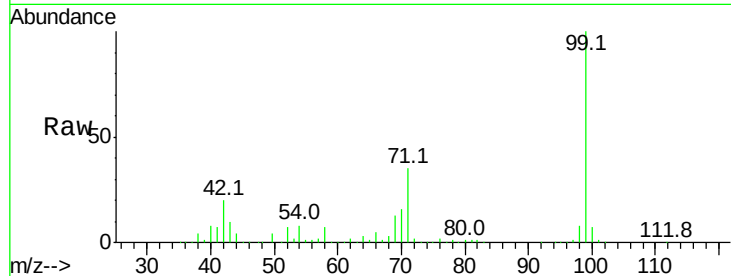
Tot Ion: 99 Resp: 2197997

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	34.7	24.5	36.7

99 100

42 19.6 13.5 20.3

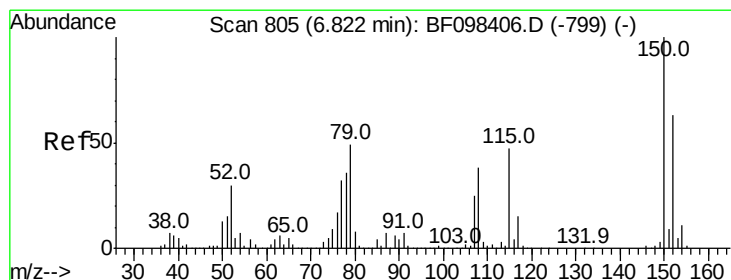
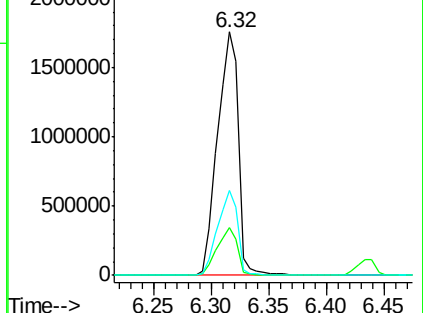
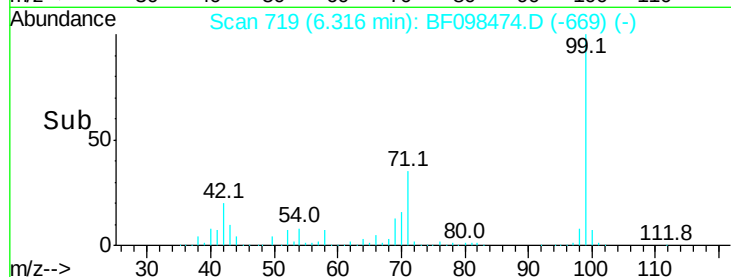
71 34.7 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.045 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

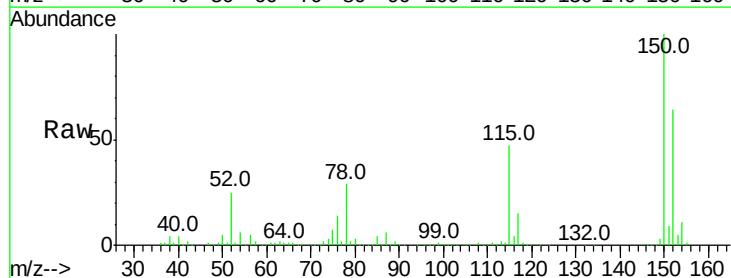
Tgt Ion: 79 Resp: 22874

Ion	Ratio	Lower	Upper
79	100		
108	29.7	63.4	95.0#
77	112.9	49.2	73.8#

79 100

108 29.7 63.4 95.0#

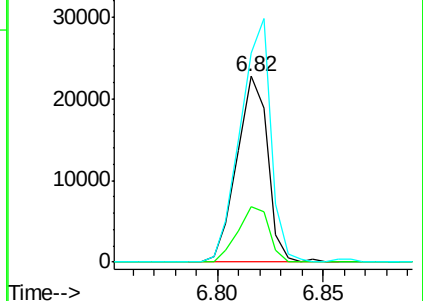
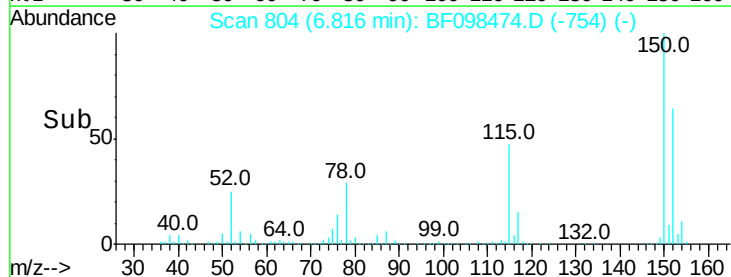
77 112.9 49.2 73.8#

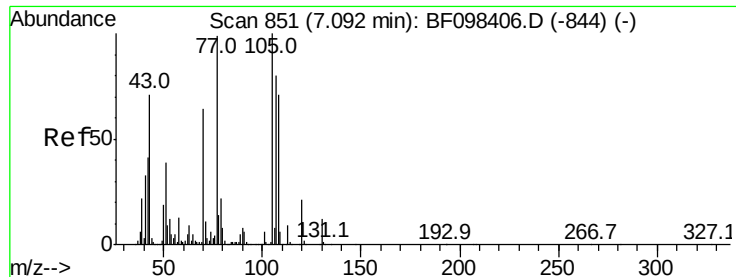


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

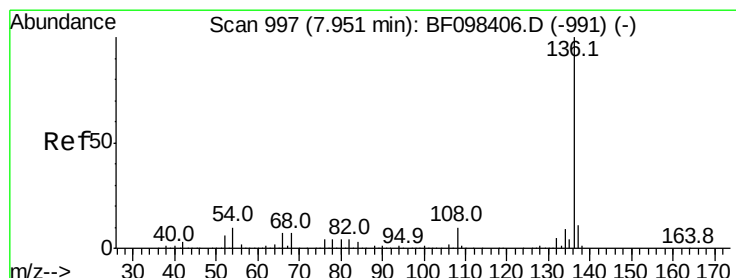
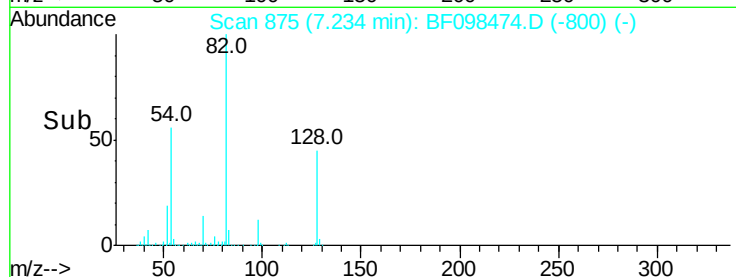
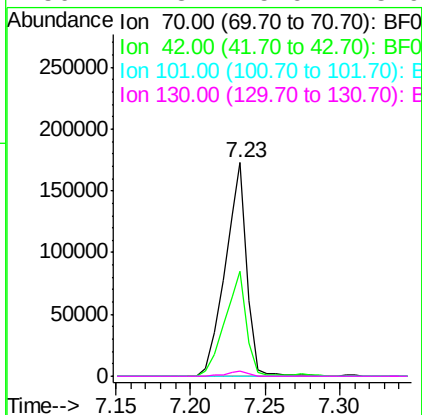
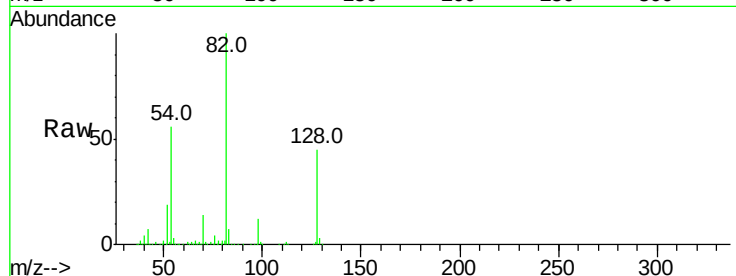




#19
n-Nitroso-di-n-propylamine
Concen: 16.632 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

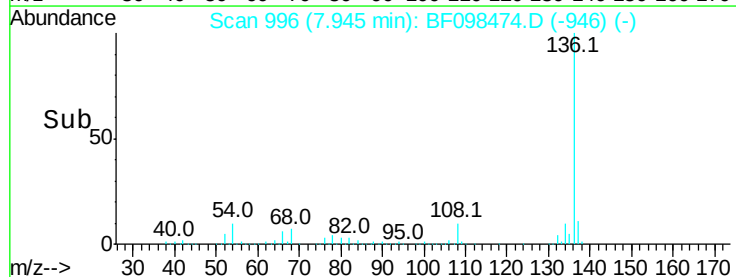
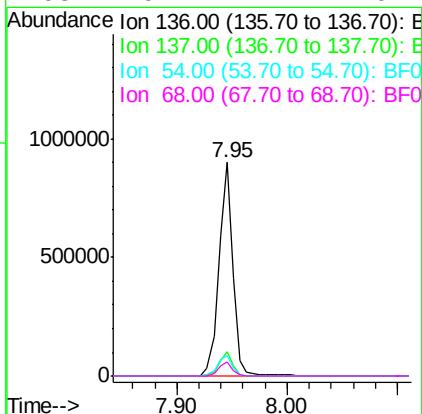
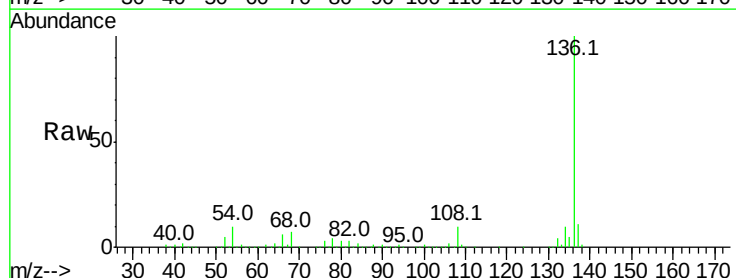
Instrument :
BNA_F
ClientSampleId :
PB102225TB

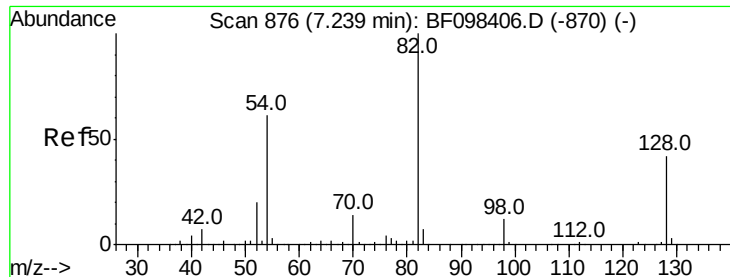
Tot Ion: 70 Resp: 175841
Ion Ratio Lower Upper
70 100
42 49.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

Tgt Ion:136 Resp: 790171
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.6 4.9 7.3#
68 6.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 93.197 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

Instrument :

BNA_F

ClientSampleId :

PB102225TB

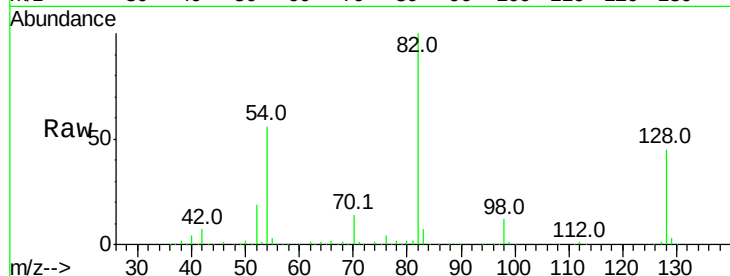
Tot Ion: 82 Resp: 1320937

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

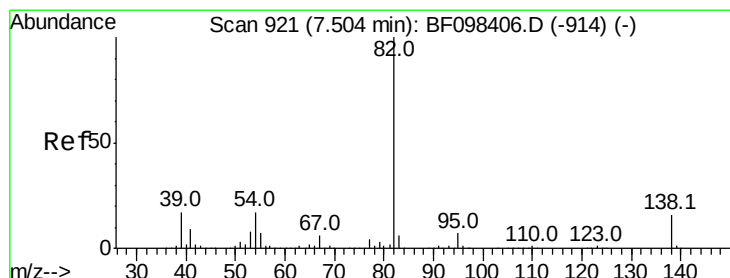
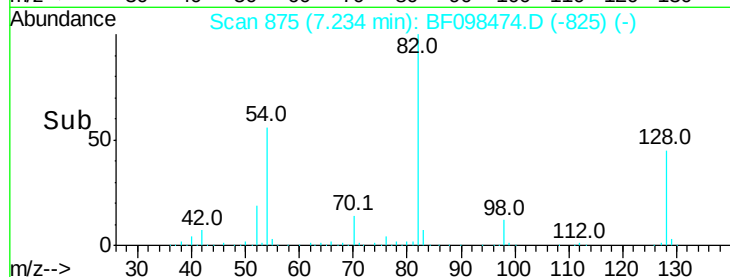
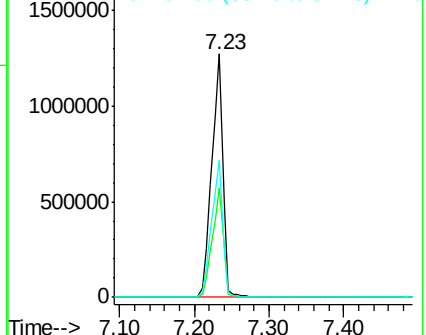
54 56.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.214 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.27 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

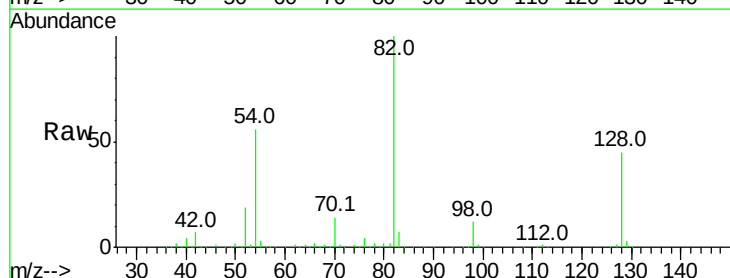
Tgt Ion: 82 Resp: 1296592

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

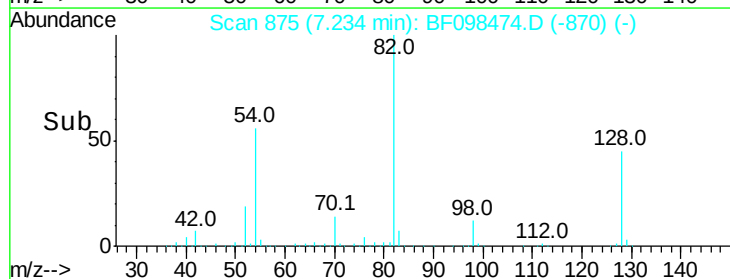
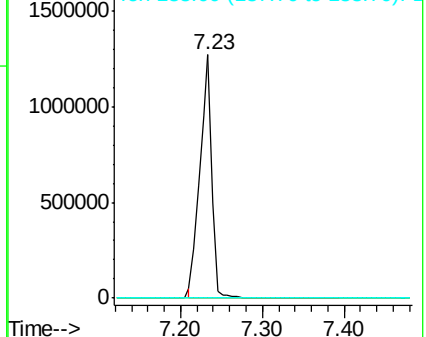
138 0.0 13.1 19.7#

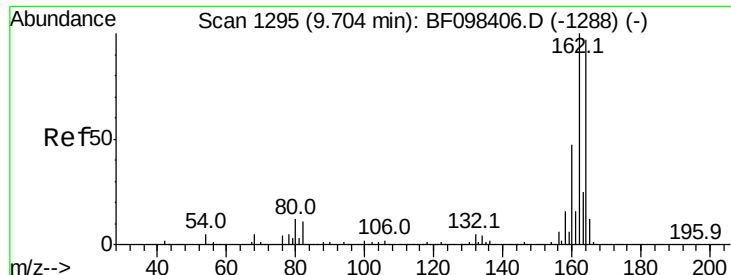


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

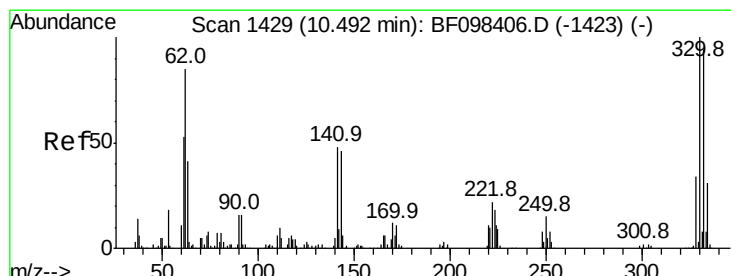
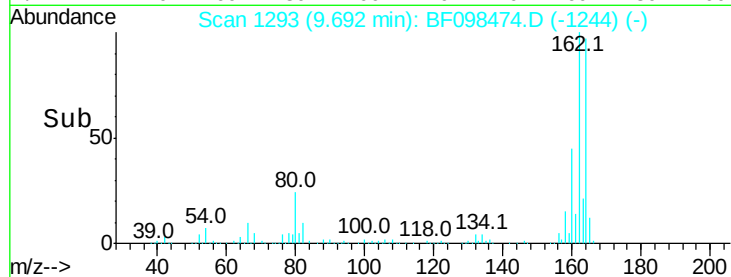
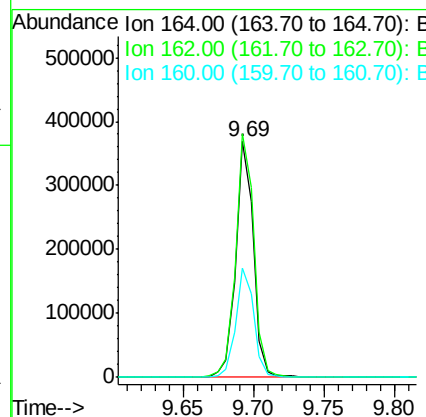
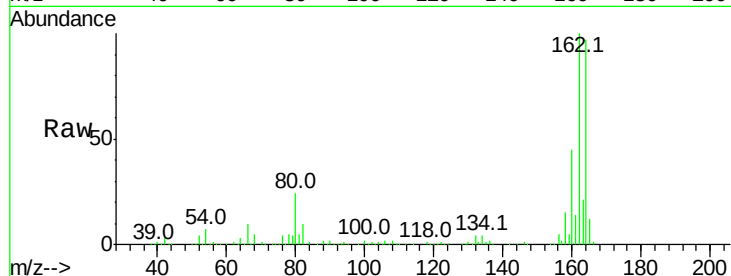




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

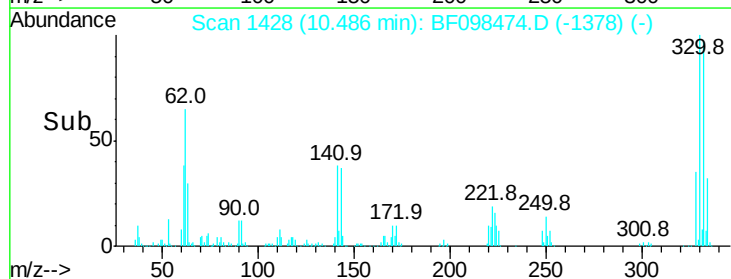
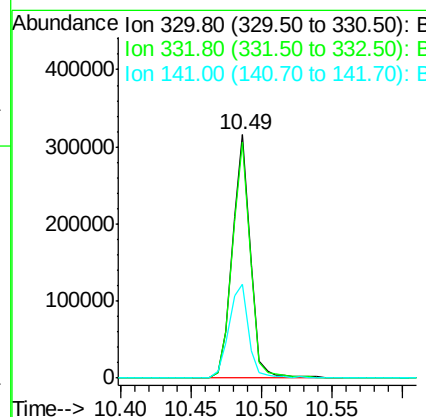
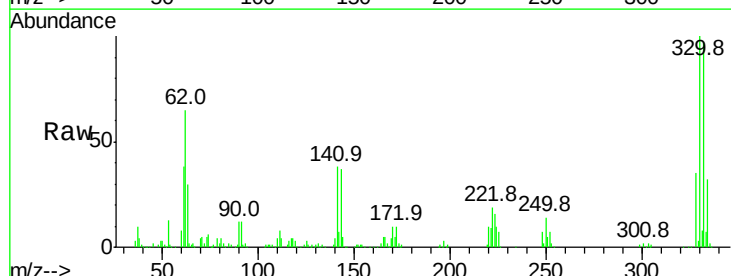
Instrument :
 BNA_F
 ClientSampleId :
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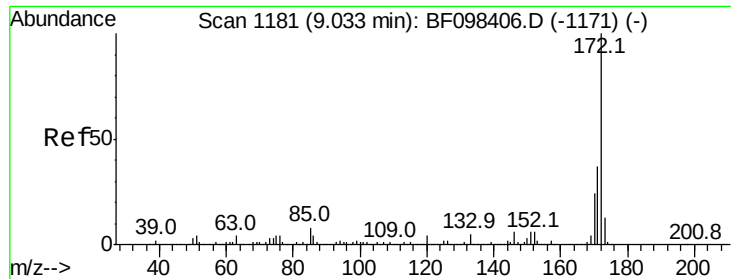
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.3	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 130.709 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	42.8	31.4	47.2

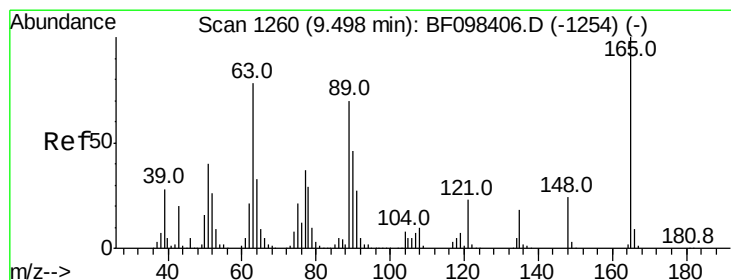
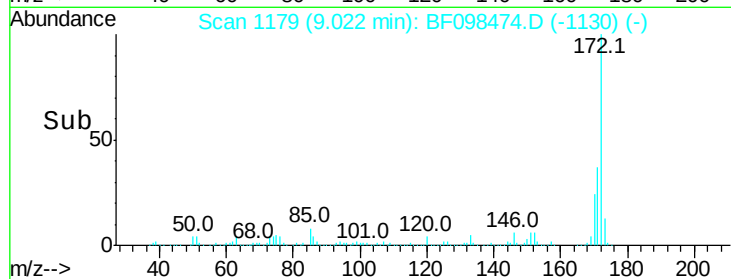
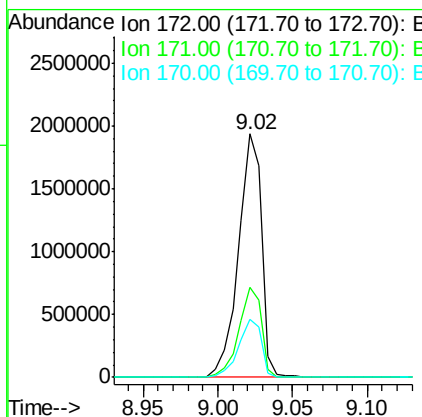
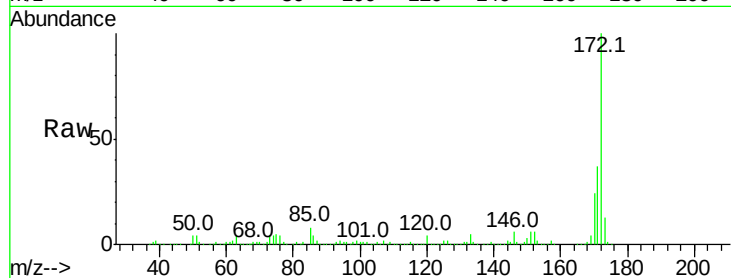




#44
2-Fluorobiphenyl
Concen: 111.289 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

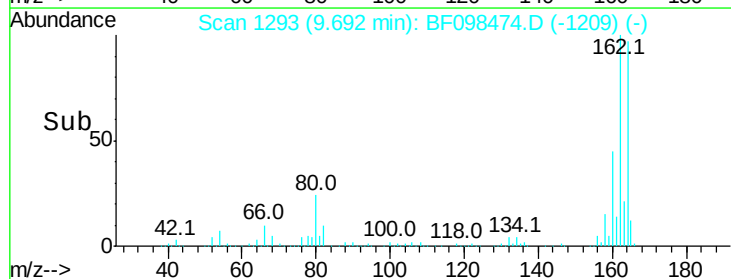
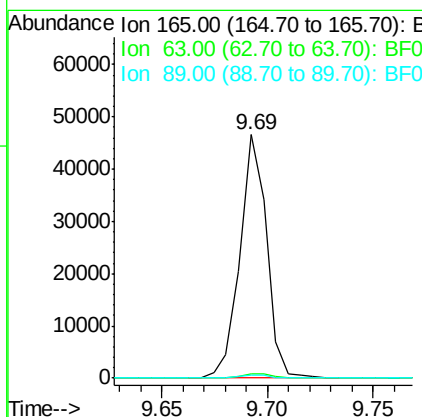
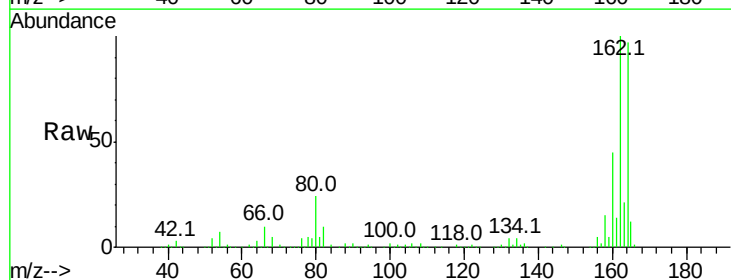
Instrument :
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ClientSampleId :
PB102225TB

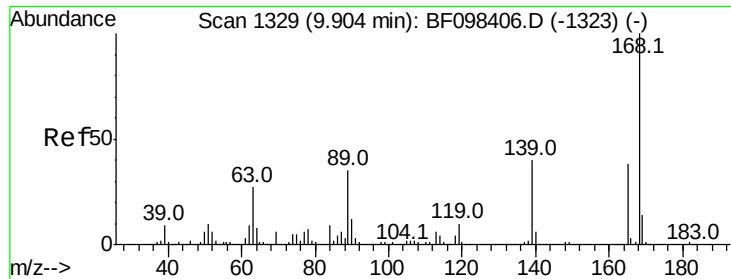
Tot Ion:172 Resp: 2095647
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.9 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 8.032 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

Tgt Ion:165 Resp: 40759
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.2 37.1 55.7#

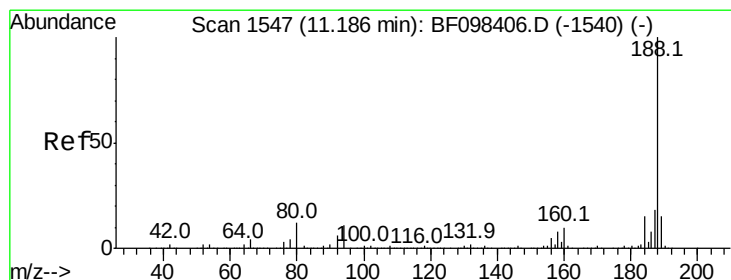
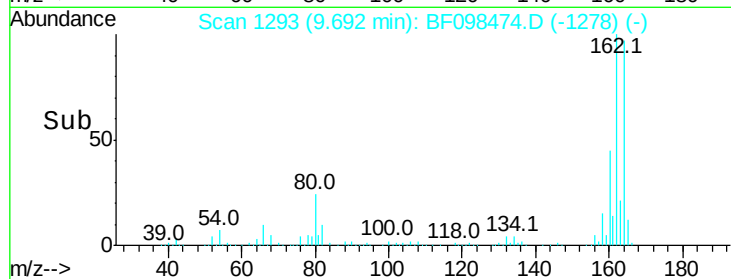
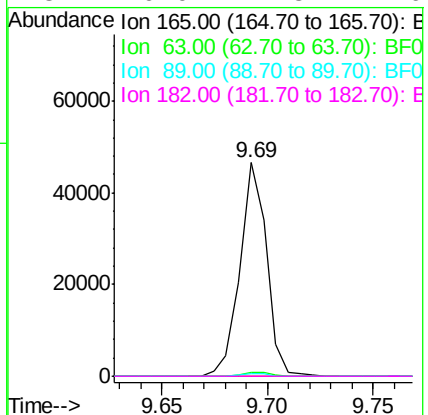
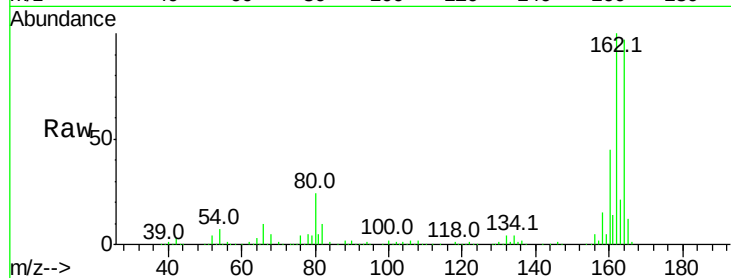




#56
 2,4-Dinitrotoluene
 Concen: 6.606 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

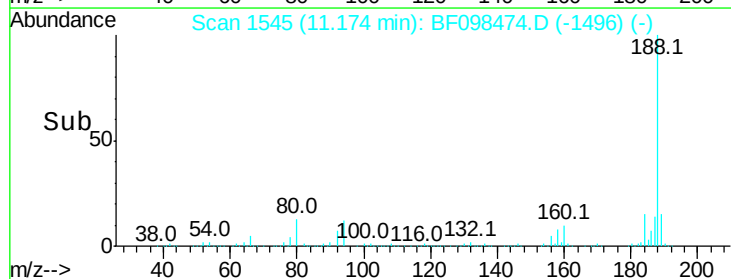
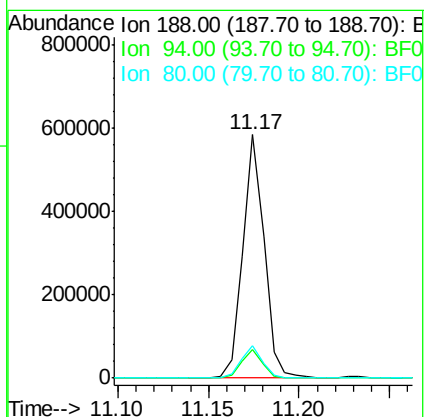
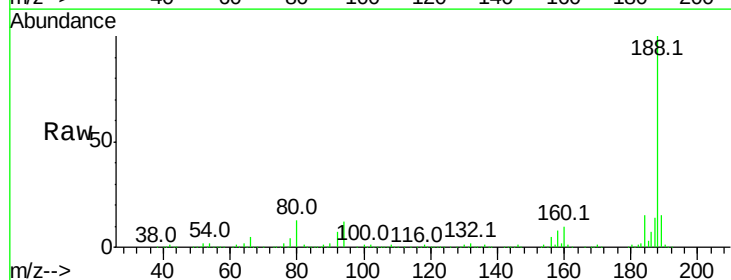
Instrument :
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 ClientSampleId :
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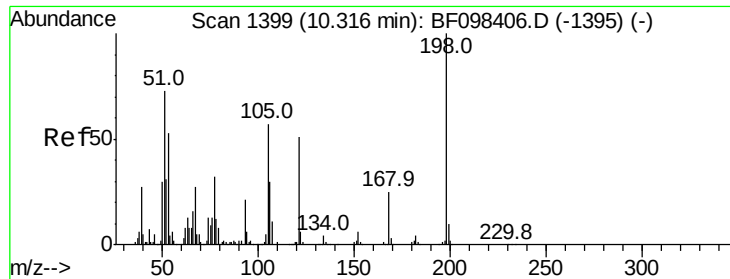
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	13.3	10.2	15.2

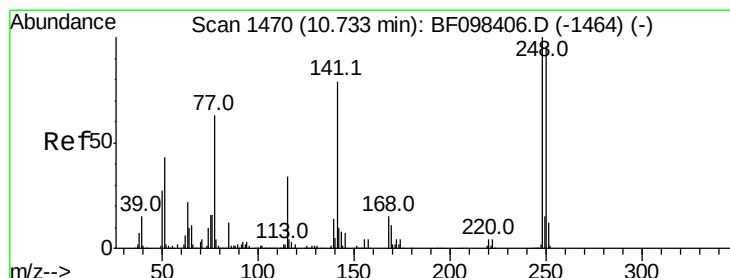
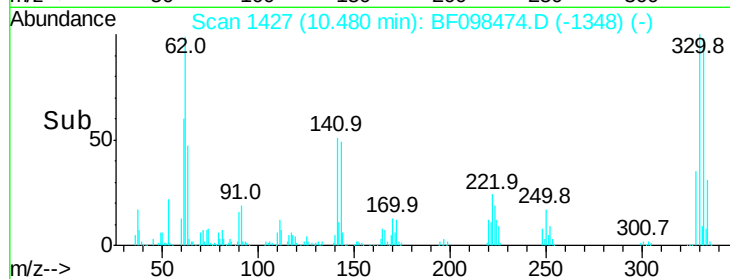
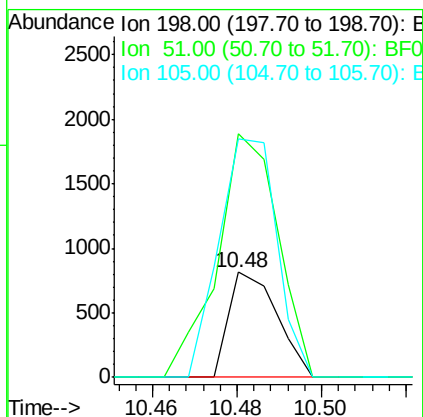
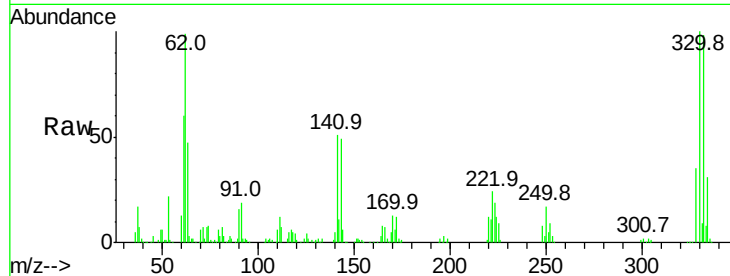




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.160 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.17 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

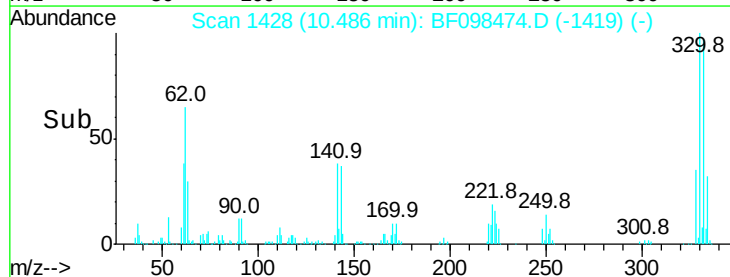
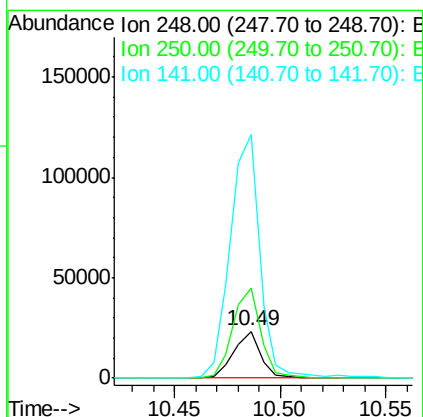
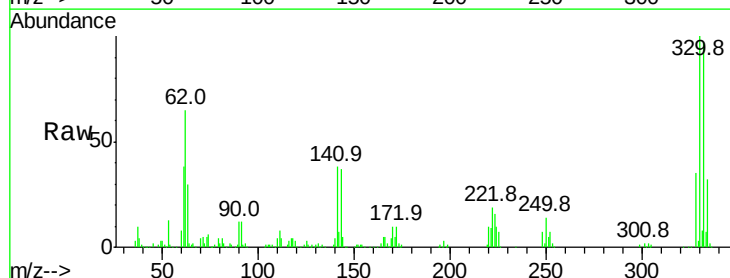
Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

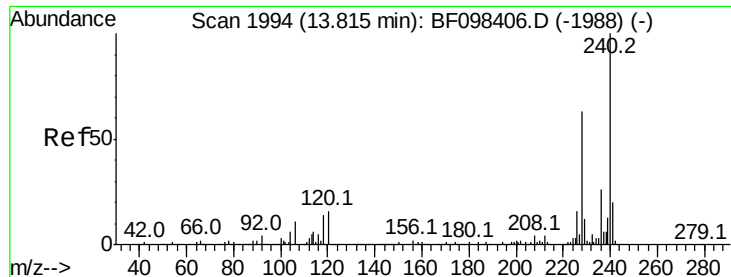
Tot Ion:198 Resp: 642
 Ion Ratio Lower Upper
 198 100
 51 232.1 53.2 93.2#
 105 227.3 45.8 85.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.536 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.25 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion:248 Resp: 20602
 Ion Ratio Lower Upper
 248 100
 250 190.6 76.8 115.2#
 141 519.0 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

Instrument :

BNA_F

ClientSampleId :

PB102225TB

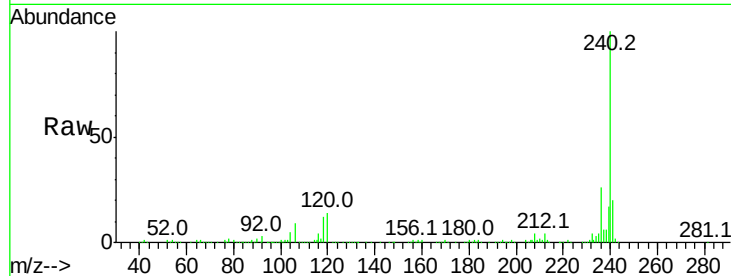
Tot Ion:240 Resp: 346550

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

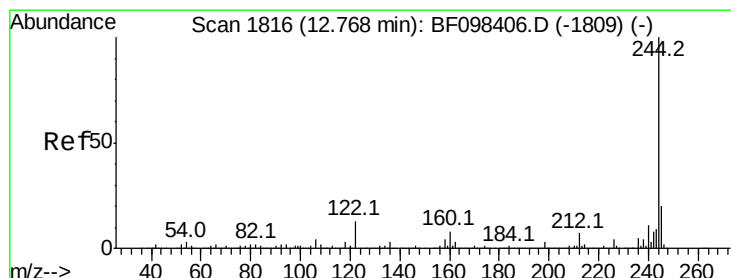
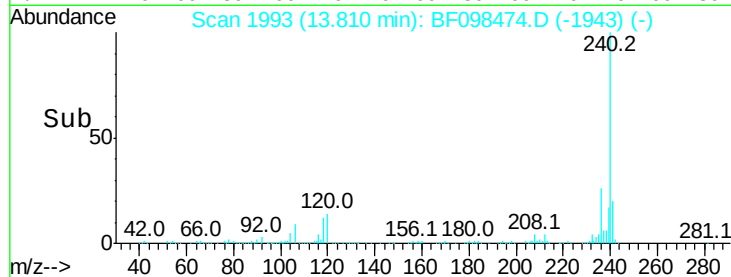
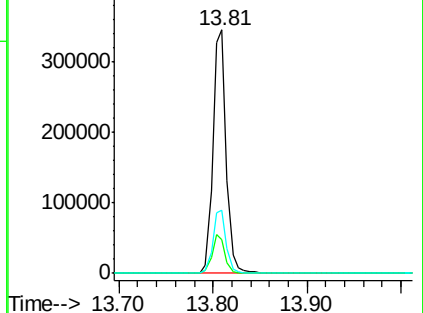
236 25.9 20.5 30.7



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: 84.234 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

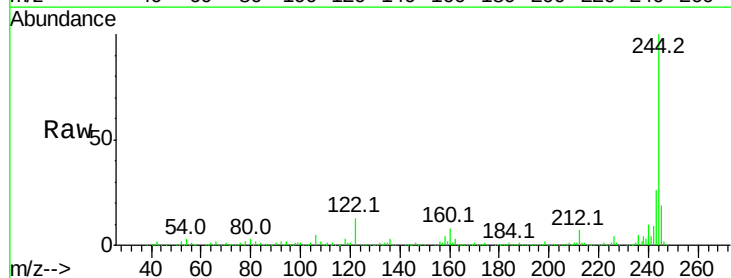
Tgt Ion:244 Resp: 1352417

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

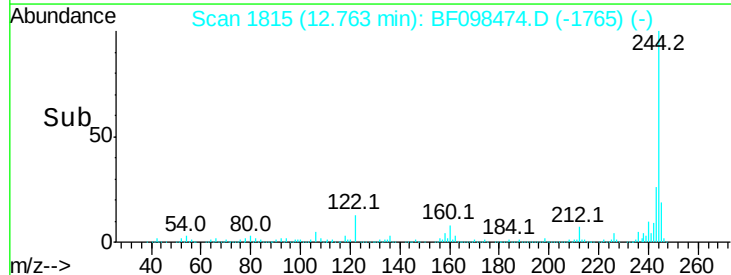
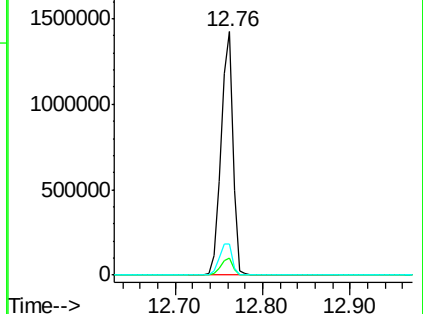
122 13.0 10.3 15.5

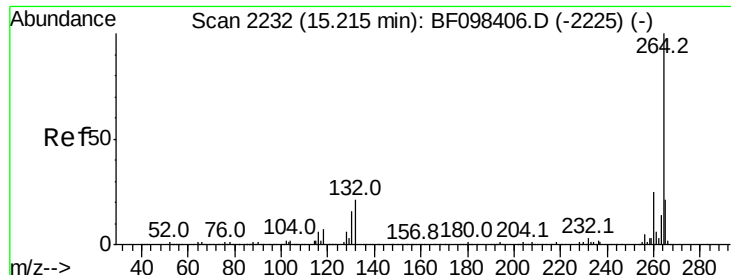


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

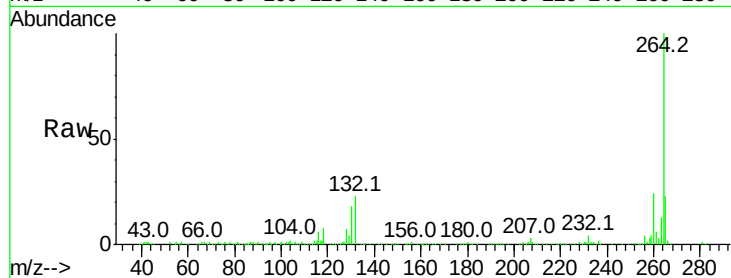




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB102225TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.9	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

