

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098469.D
 Acq On : 13 Sep 2017 00:02
 Operator : SJ/JU
 Sample : I5140-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-11-12.25-24.5

Quant Time: Sep 13 01:04:07 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

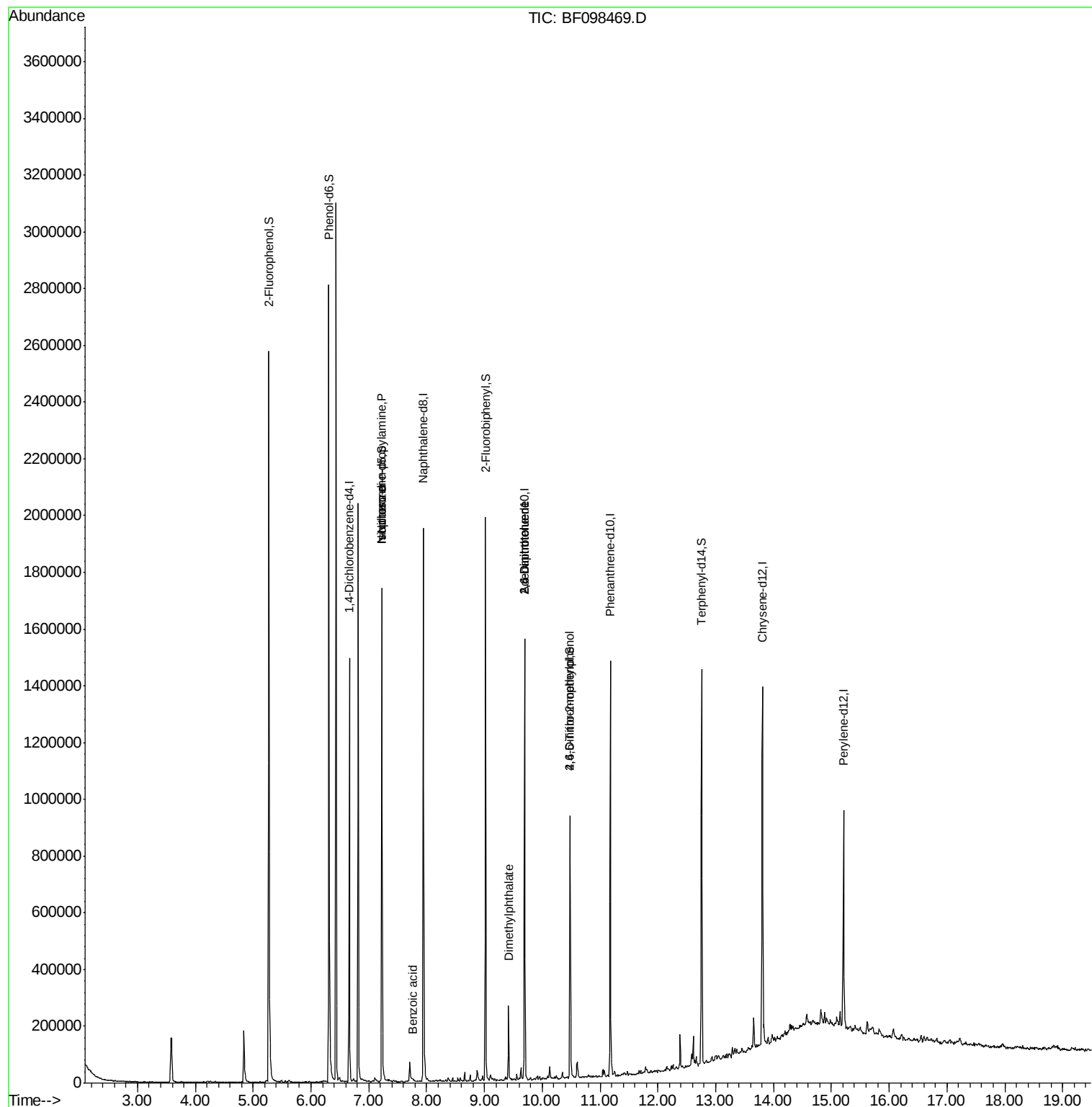
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	200871	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	786898	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	305853	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	458292	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	383528	20.00	ng	0.00
86) Perylene-d12	15.21	264	298238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	739413	54.42	ng	0.00
7) Phenol-d6	6.31	99	875642	50.76	ng	-0.01
23) Nitrobenzene-d5	7.23	82	491657	34.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	86634	42.44	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	575003	31.86	ng	-0.01
78) Terphenyl-d14	12.76	244	362650	20.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	62997	5.806	ng	# 83
25) Isophorone	7.23	82	485226	16.991	ng	# 67
32) Benzoic acid	7.76	122	140	7.984	ng	# 1
49) Dimethylphthalate	9.42	163	92261	3.897	ng	98
50) 2,6-Dinitrotoluene	9.69	165	38516	7.920	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	38516	6.514	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.48	198	130	5.006	ng	# 1

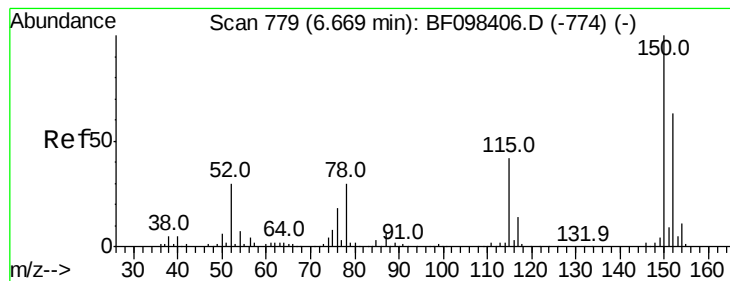
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098469.D
Acq On : 13 Sep 2017 00:02
Operator : SJ/JU
Sample : I5140-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-11-12.25-24.5

Quant Time: Sep 13 01:04:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

Instrument :

BNA_F

ClientSampleId :

RL-11-12.25-24.5

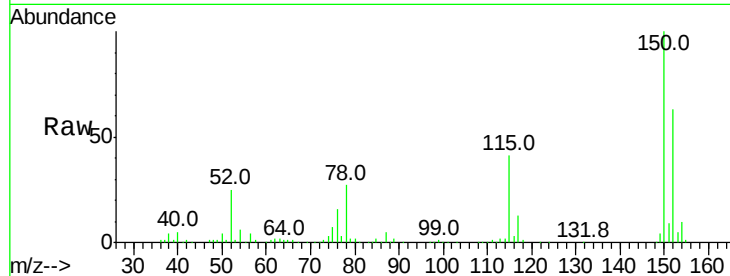
Tot Ion:152 Resp: 200871

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

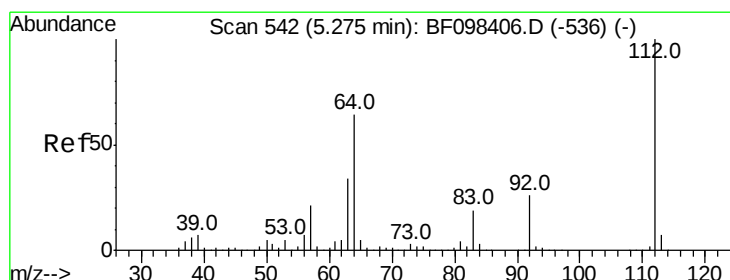
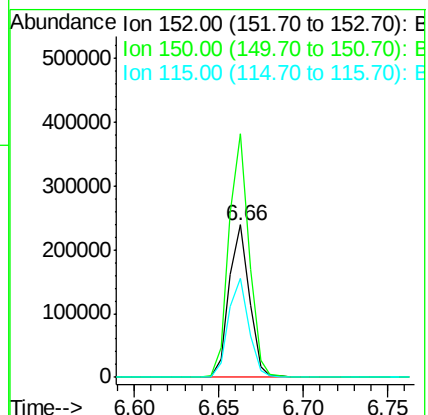
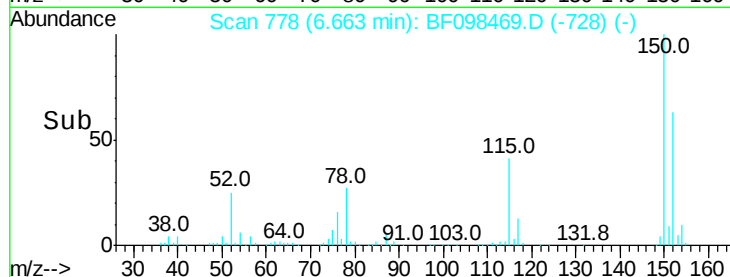
115 64.8 52.2 78.2



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



#5

2-Fluorophenol

Concen: 54.425 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

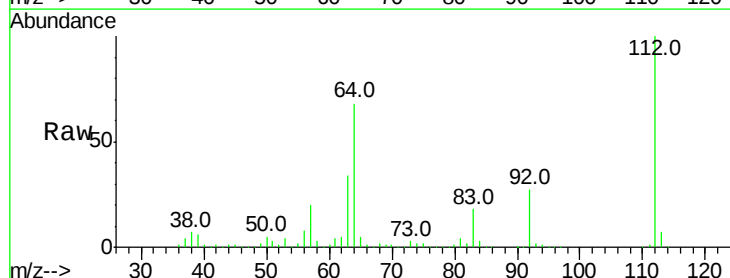
Tgt Ion:112 Resp: 739413

Ion Ratio Lower Upper

112 100

64 67.5 46.0 69.0

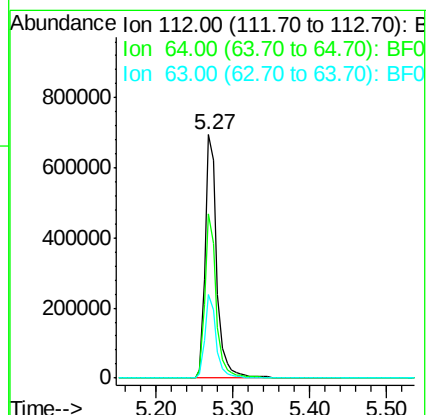
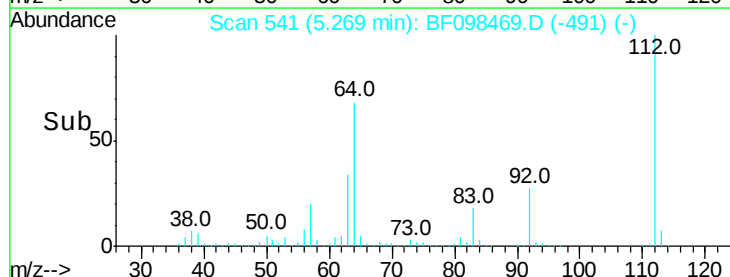
63 34.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.763 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

Instrument :

BNA_F

ClientSampleId :

RL-11-12.25-24.5

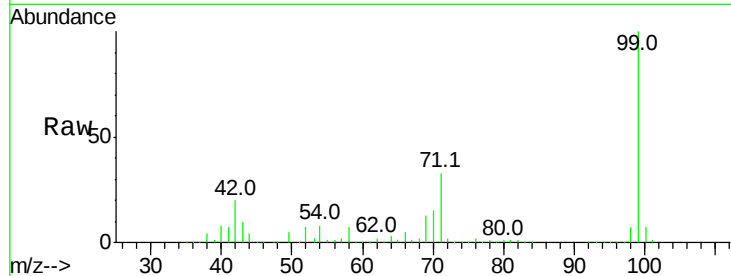
Tot Ion: 99 Resp: 875642

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

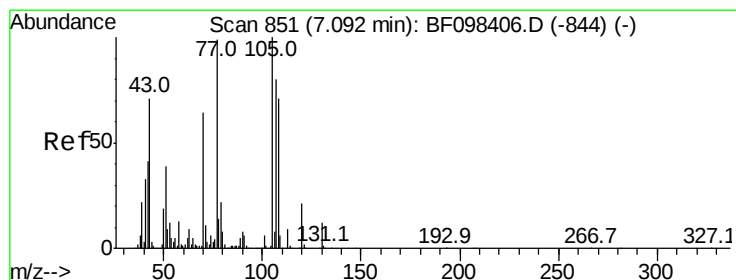
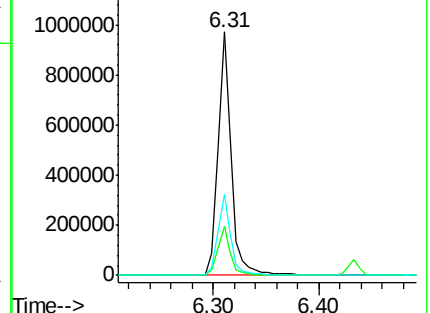
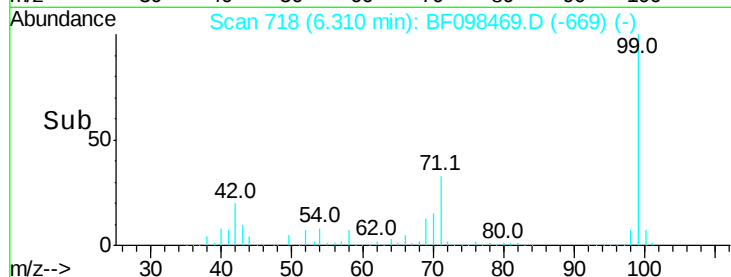
71 33.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.806 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

Tgt Ion: 70 Resp: 62997

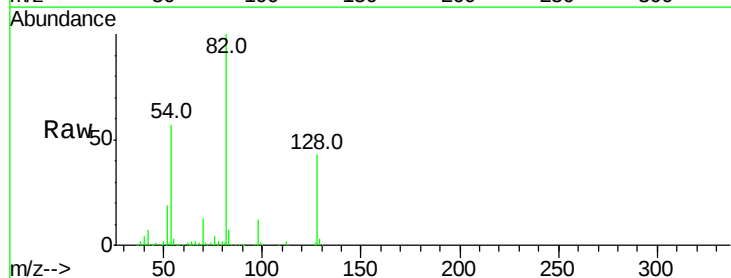
Ion Ratio Lower Upper

70 100

42 52.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

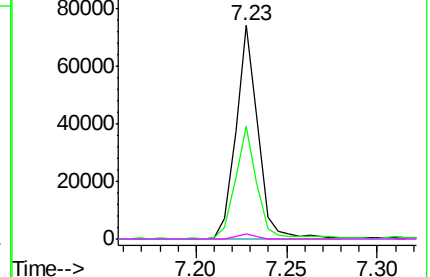
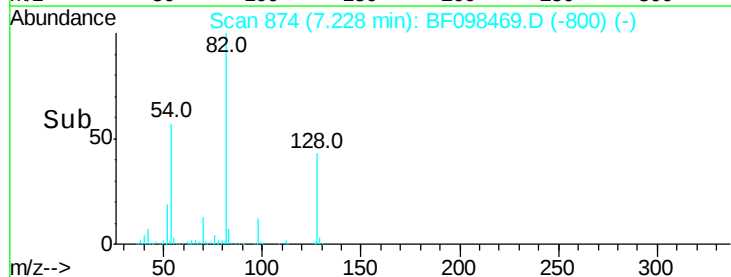


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

Instrument :

BNA_F

ClientSampleId :

RL-11-12.25-24.5

Tot Ion:136 Resp: 786898

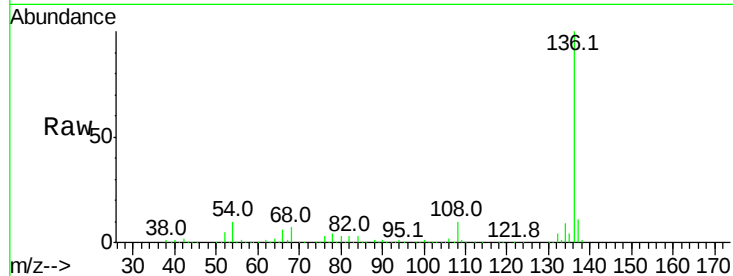
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.9 4.9 7.3#

68 7.3 4.1 6.1#

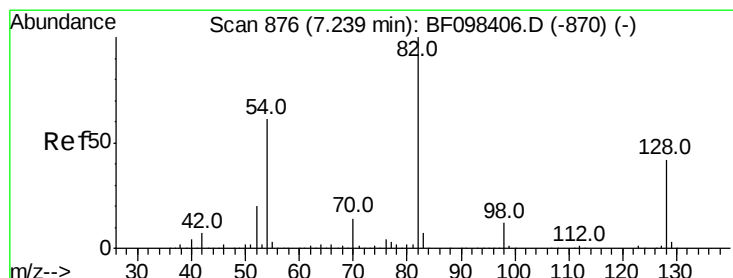
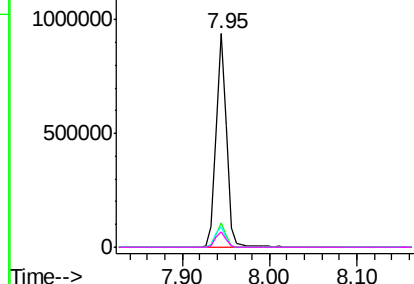
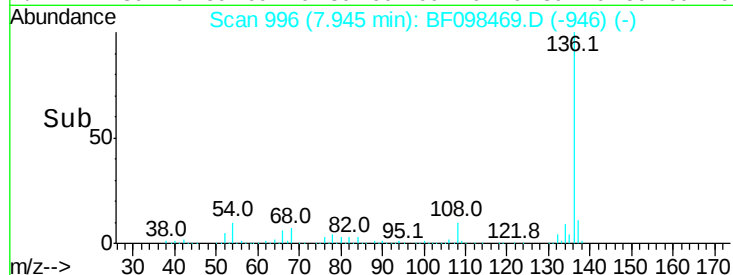


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 34.833 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

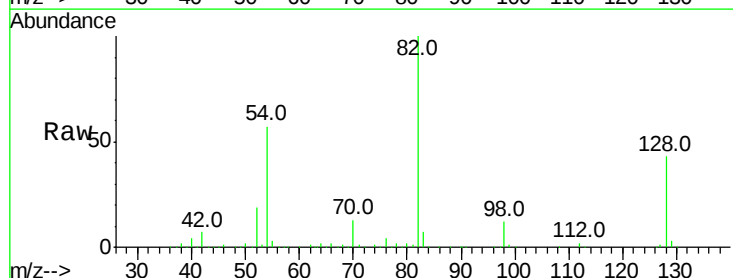
Tgt Ion: 82 Resp: 491657

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

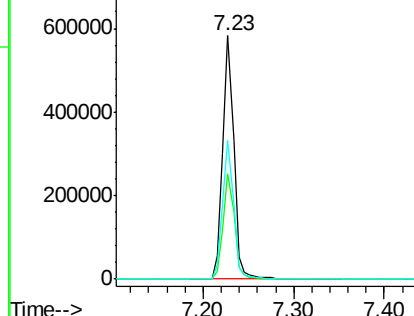
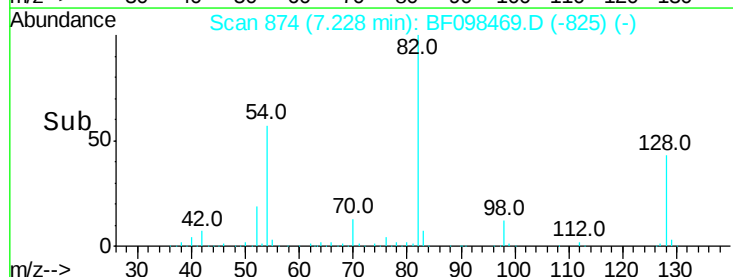
54 57.2 42.2 63.2

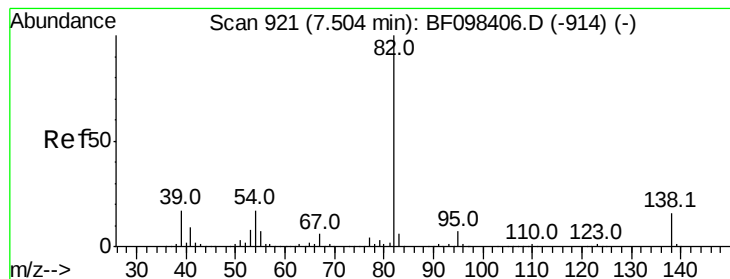


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 16.991 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

Instrument :

BNA_F

ClientSampleId :

RL-11-12.25-24.5

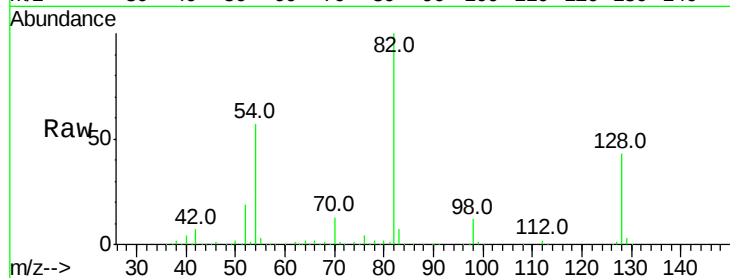
Tot Ion: 82 Resp: 485226

Ion Ratio Lower Upper

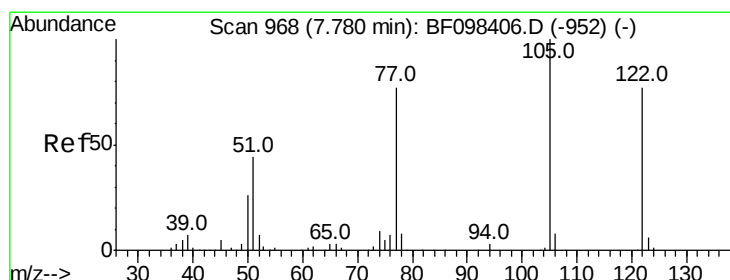
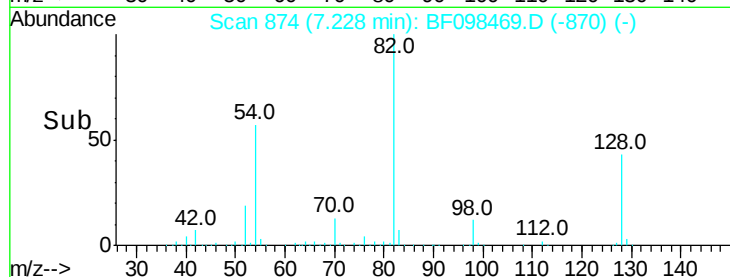
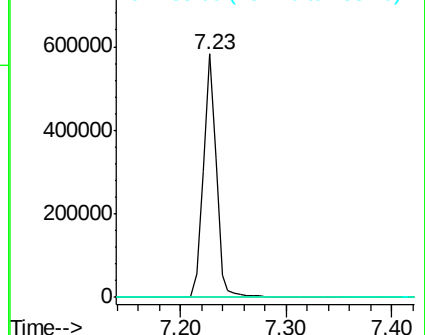
82 100

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



#32

Benzoic acid

Concen: 7.984 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

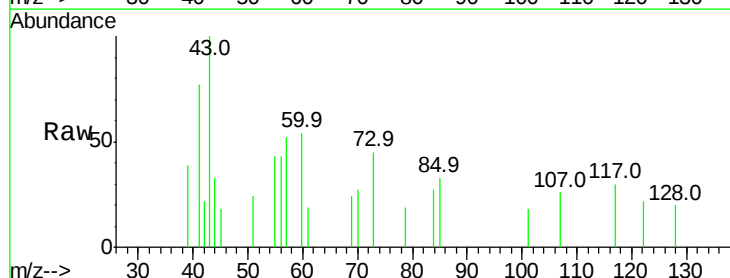
Tgt Ion: 122 Resp: 140

Ion Ratio Lower Upper

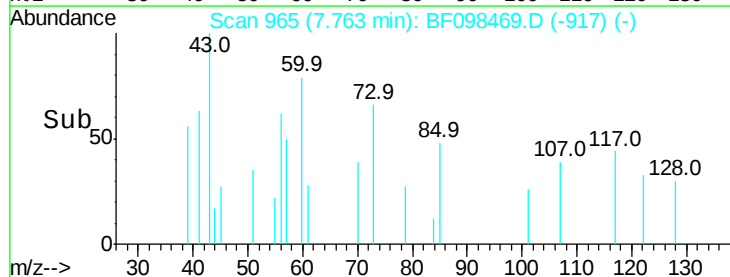
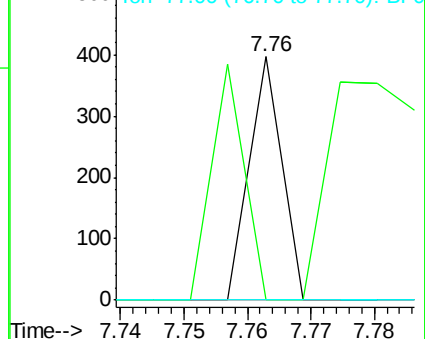
122 100

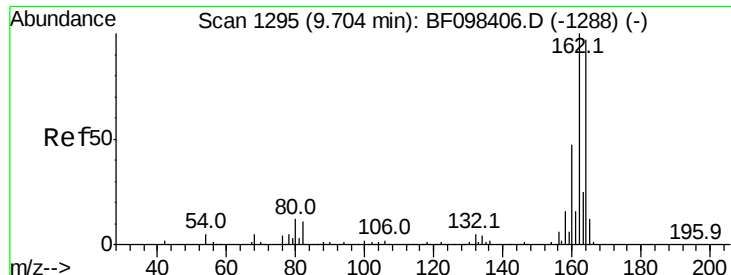
105 0.0 103.3 143.3#

77 0.0 73.7 113.7#



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

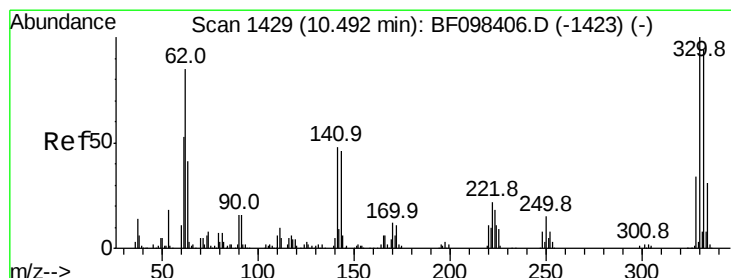
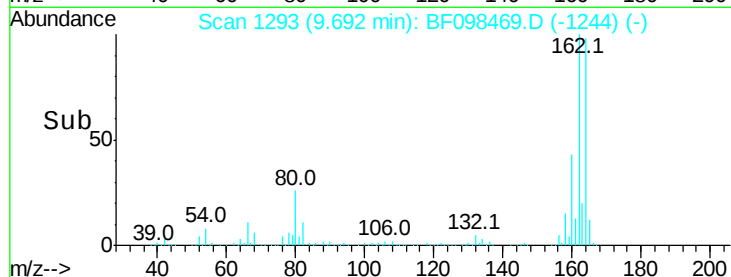
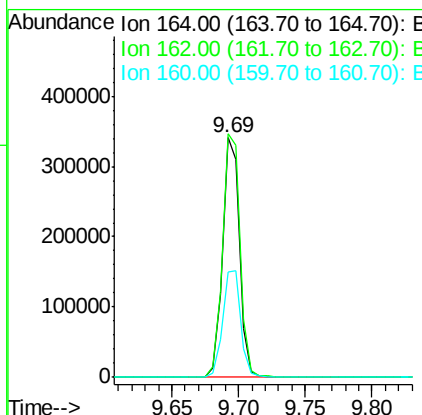
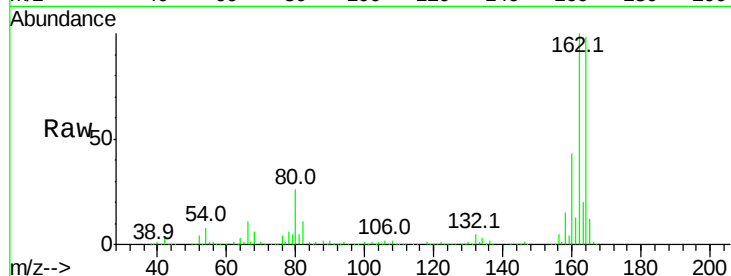




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098469.D
 Acq: 13 Sep 2017 00:02

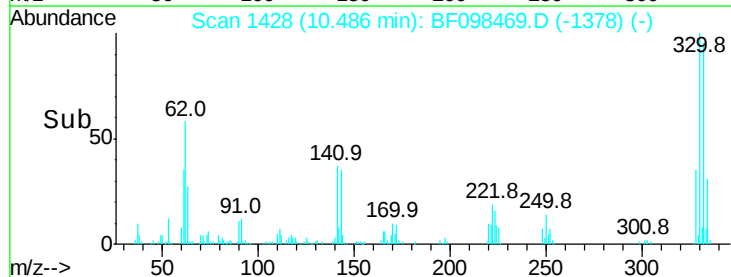
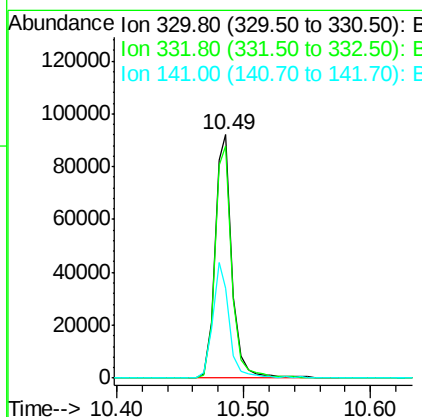
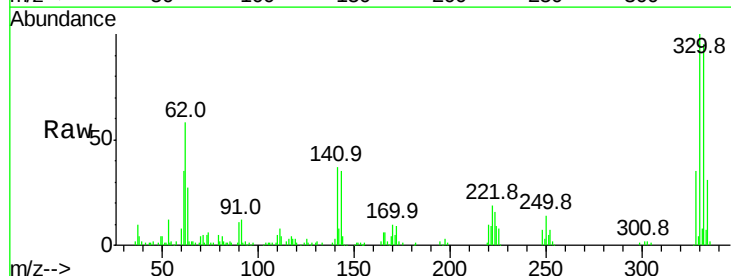
Instrument :
 BNA_F
 ClientSampleId :
 RL-11-12.25-24.5

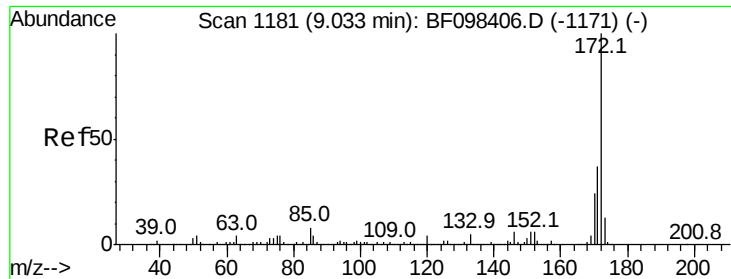
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.1	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 42.440 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098469.D
 Acq: 13 Sep 2017 00:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	46.0	31.4	47.2

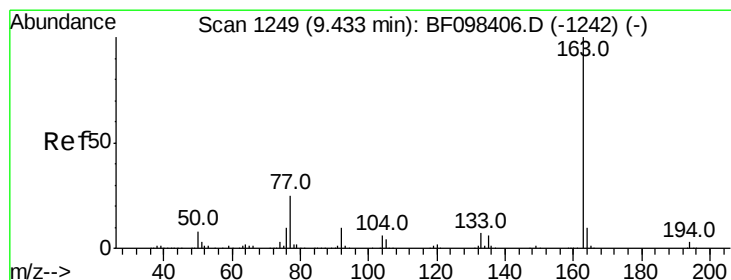
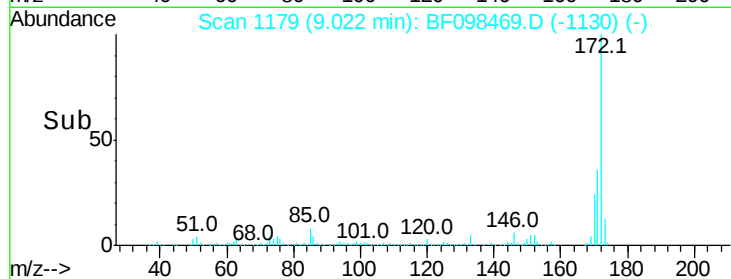
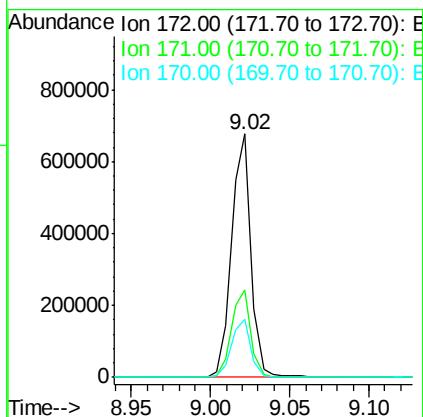
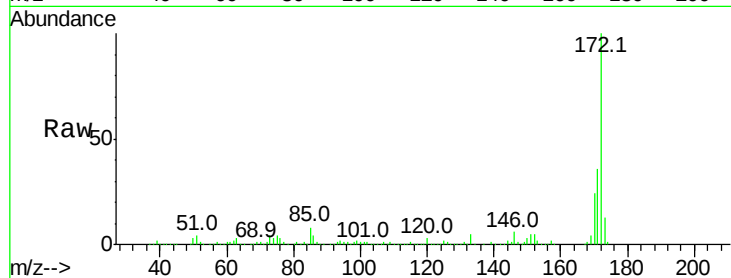




#44
2-Fluorobiphenyl
Concen: 31.864 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098469.D
Acq: 13 Sep 2017 00:02

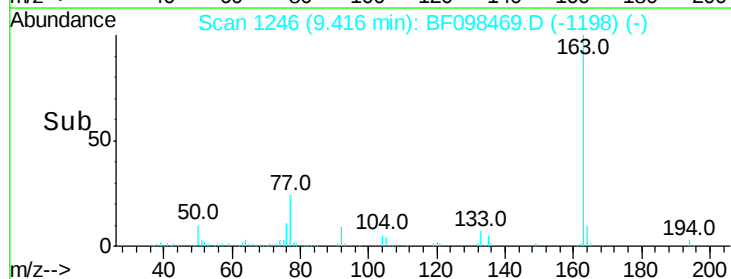
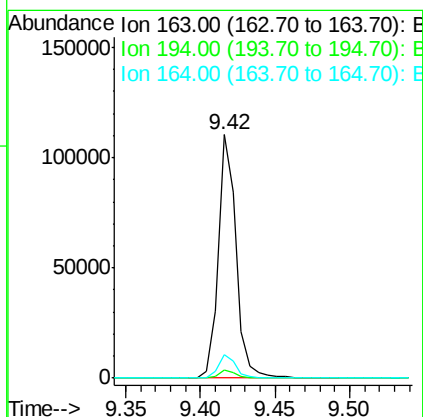
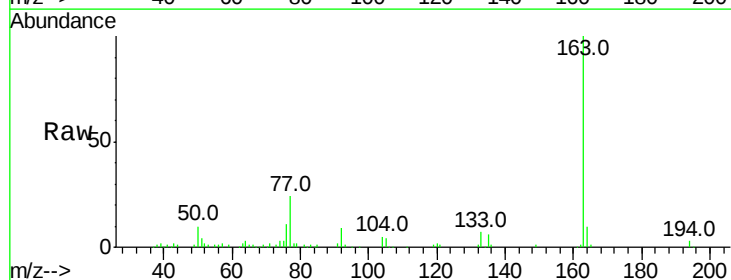
Instrument :
BNA_F
ClientSampleId :
RL-11-12.25-24.5

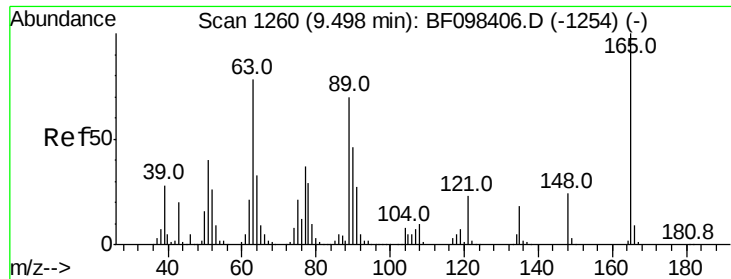
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8



#49
Dimethylphthalate
Concen: 3.897 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098469.D
Acq: 13 Sep 2017 00:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	8.4	12.6

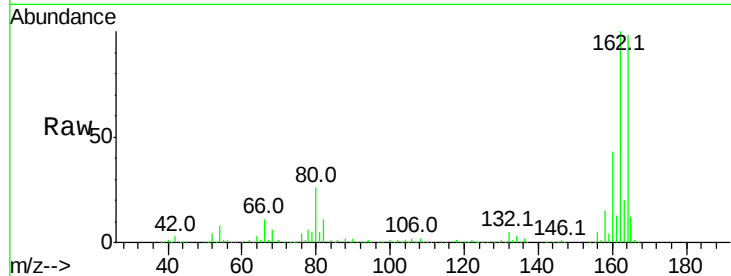




#50
 2,6-Dinitrotoluene
 Concen: 7.920 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.19 min
 Lab File: BF098469.D
 Acq: 13 Sep 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 RL-11-12.25-24.5

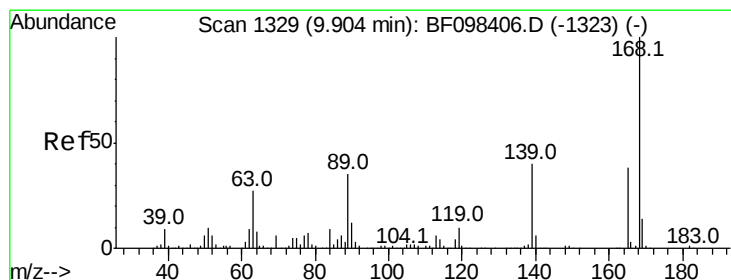
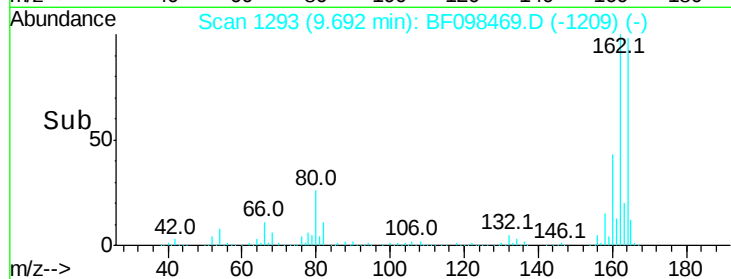
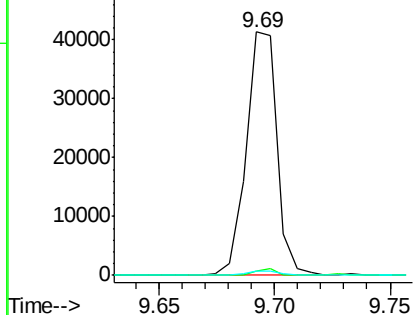
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.9	37.1	55.7#



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: 6.514 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098469.D
 Acq: 13 Sep 2017 00:02

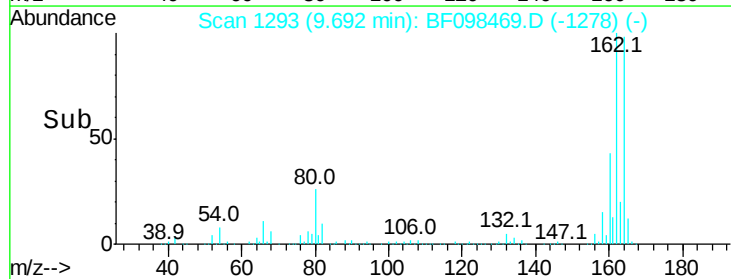
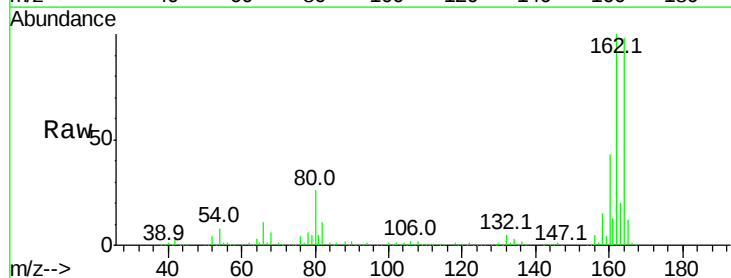
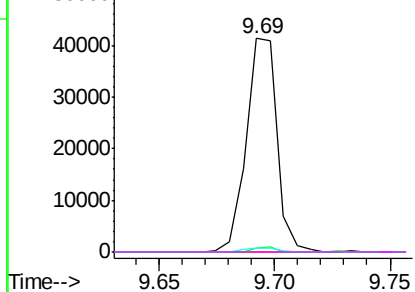
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

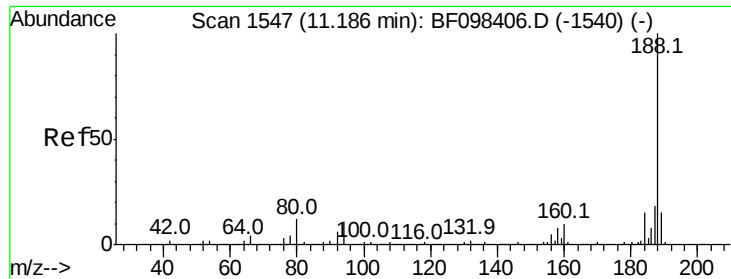
Abundance Ion 165.00 (164.70 to 165.70): E

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

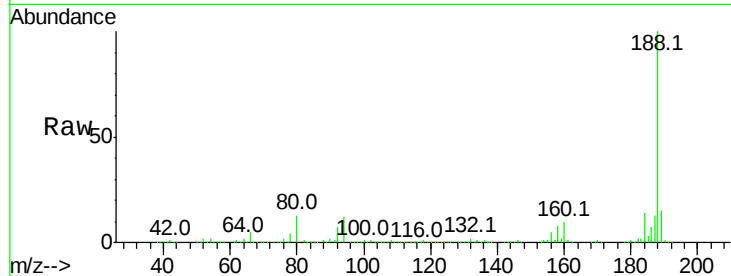




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098469.D
 Acq: 13 Sep 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 RL-11-12.25-24.5

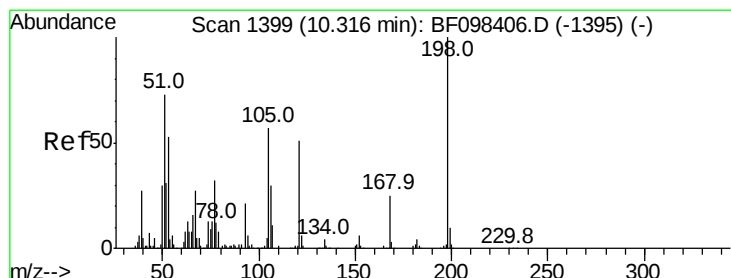
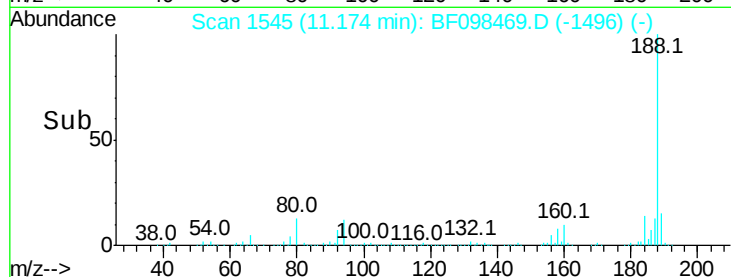
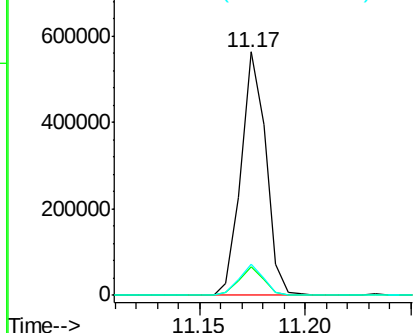
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	13.0	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

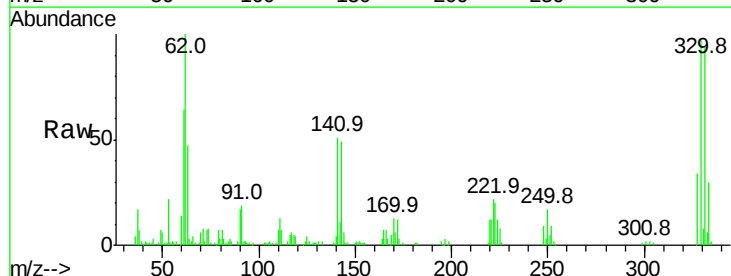
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.006 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.17 min
 Lab File: BF098469.D
 Acq: 13 Sep 2017 00:02

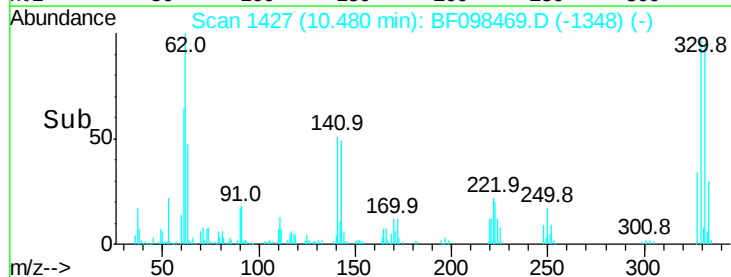
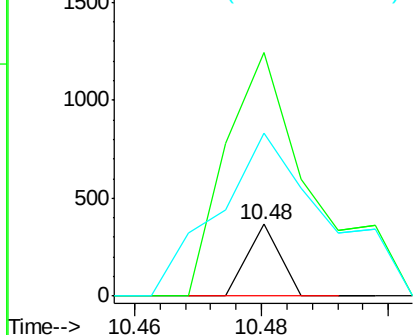
Tgt Ion	Ratio	Lower	Upper
198	100		
51	338.7	53.2	93.2#
105	226.7	45.8	85.8#

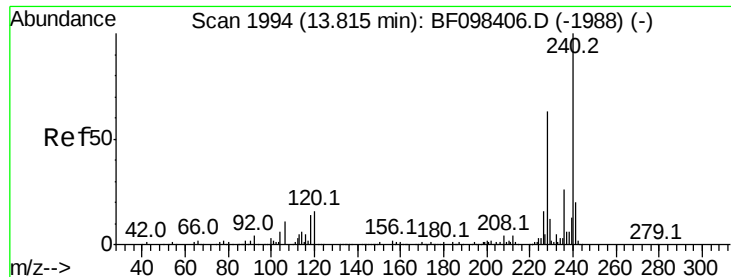


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

Instrument :

BNA_F

ClientSampleId :

RL-11-12.25-24.5

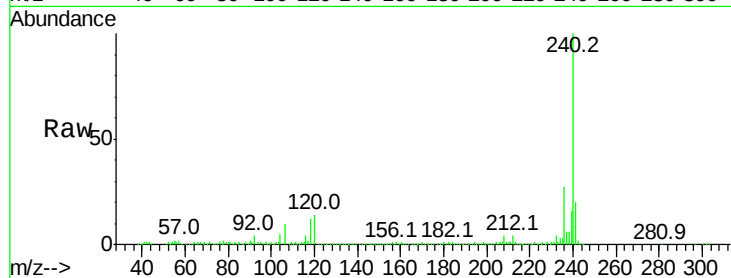
Tot Ion:240 Resp: 383528

Ion Ratio Lower Upper

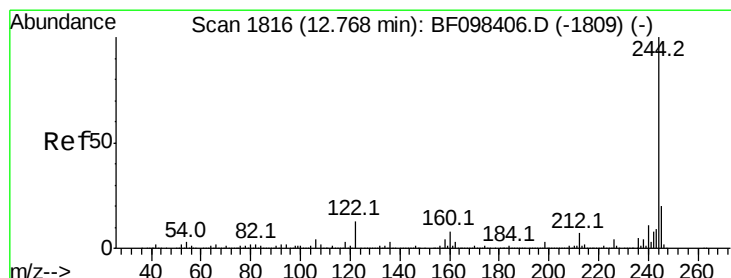
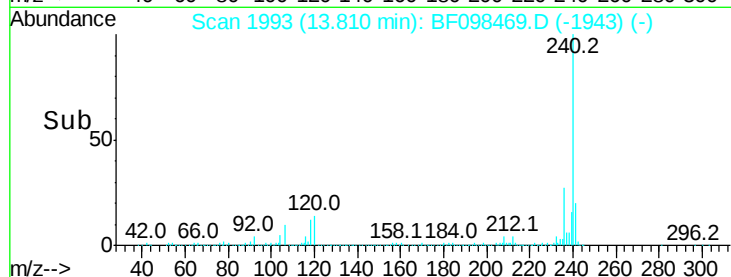
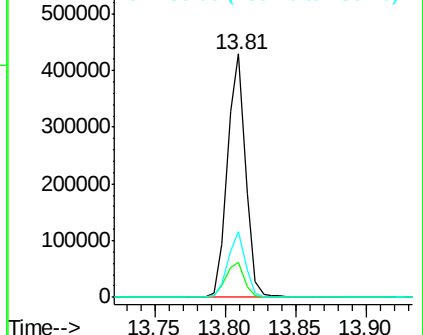
240 100

120 14.3 5.8 8.8#

236 26.9 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: 20.410 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098469.D

Acq: 13 Sep 2017 00:02

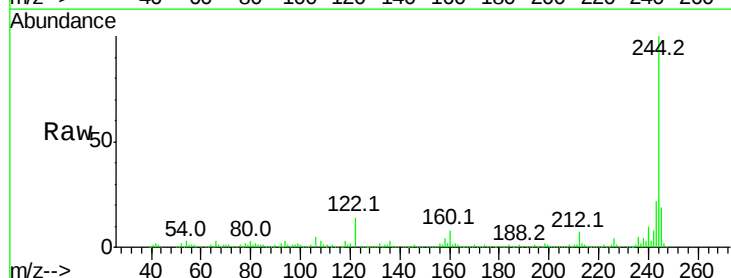
Tgt Ion:244 Resp: 362650

Ion Ratio Lower Upper

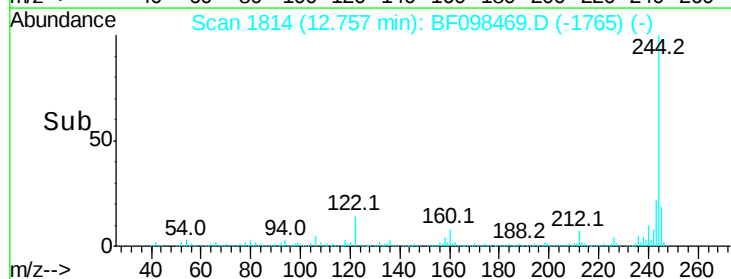
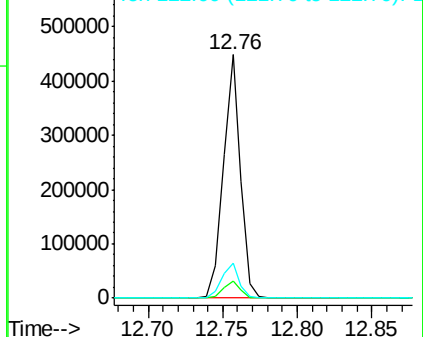
244 100

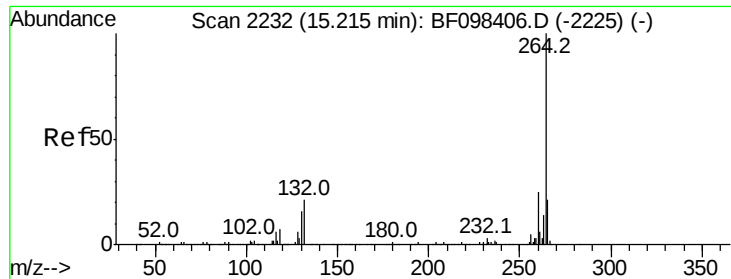
212 7.0 6.0 9.0

122 14.2 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: BF098469.D
 Acq: 13 Sep 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 RL-11-12.25-24.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8

