

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098526.D
 Acq On : 14 Sep 2017 13:48
 Operator : SJ/JU
 Sample : I5201-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-091117RE

Quant Time: Sep 14 15:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 14 15:40:22 2017
 Response via : Initial Calibration

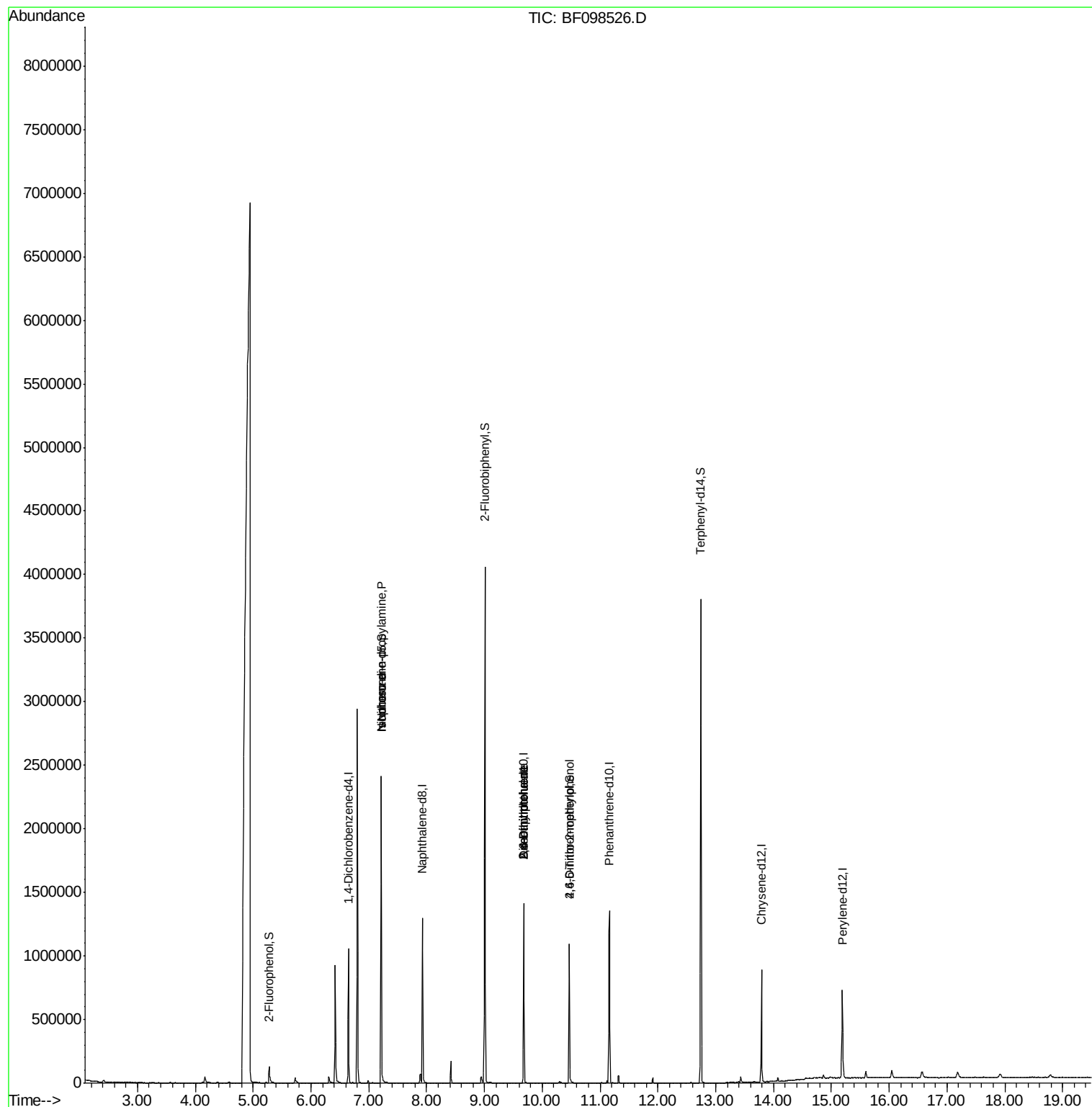
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	140820	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	578457	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	259784	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	469579	20.00	ng	0.00
75) Chrysene-d12	13.79	240	273154	20.00	ng	-0.01
86) Perylene-d12	15.19	264	300071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	48814	5.13	ng	0.02
7) Phenol-d6	6.31	99	20375	1.68	ng	0.00
23) Nitrobenzene-d5	7.22	82	757683	73.02	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	107609	62.06	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1329378	86.73	ng	0.00
78) Terphenyl-d14	12.74	244	1175423	92.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	101064	13.286	ng	# 79
25) Isophorone	7.22	82	750934	35.770	ng	# 67
49) Dimethylphthalate	9.68	163	78376	3.897	ng	# 1
50) 2,6-Dinitrotoluene	9.68	165	32460	7.858	ng	# 34
56) 2,4-Dinitrotoluene	9.68	165	32460	6.464	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.46	198	219	5.032	ng	# 1

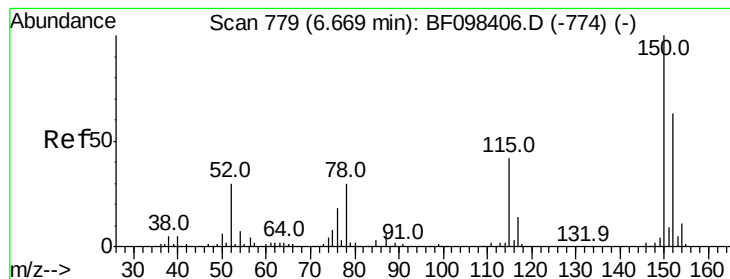
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

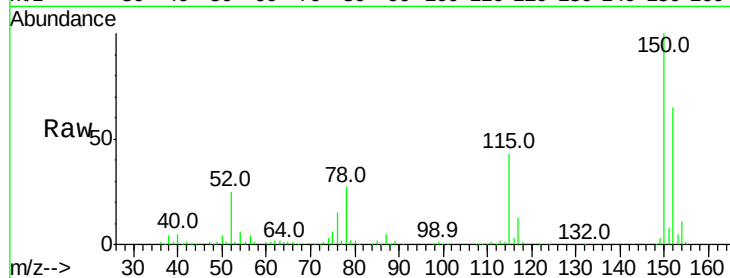
Tot Ion:152 Resp: 140820

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.2

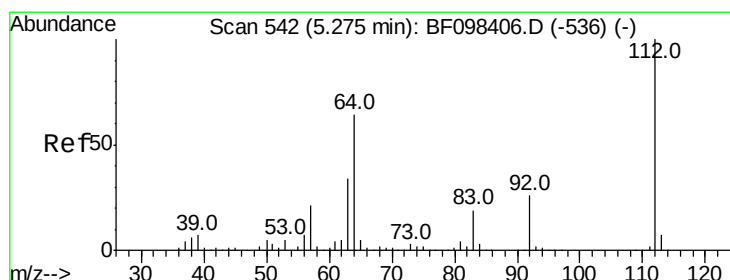
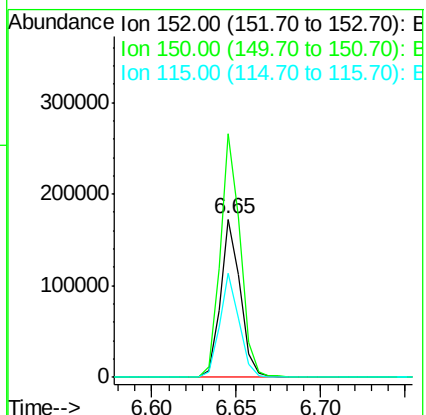
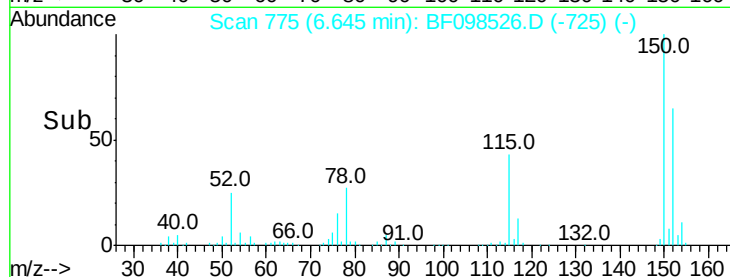
115 66.2 52.2 78.2



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: 5.125 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

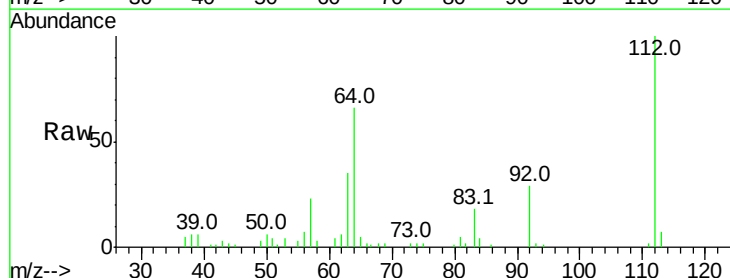
Tgt Ion:112 Resp: 48814

Ion Ratio Lower Upper

112 100

64 65.7 46.0 69.0

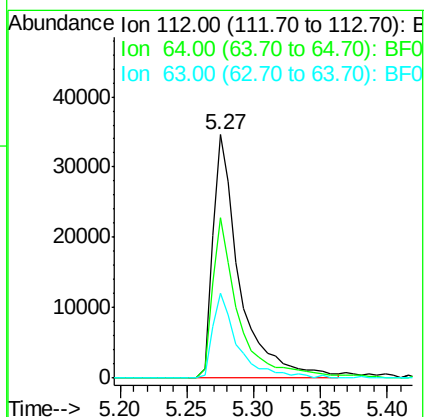
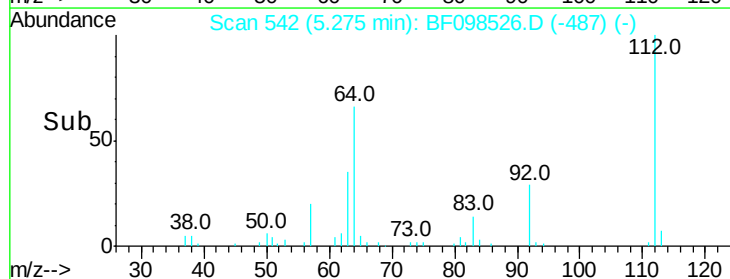
63 35.1 23.4 35.0#

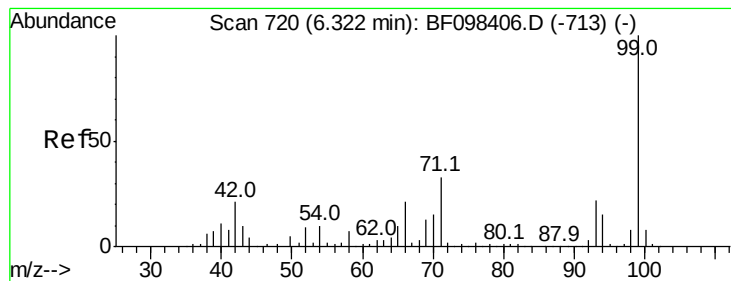


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.685 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

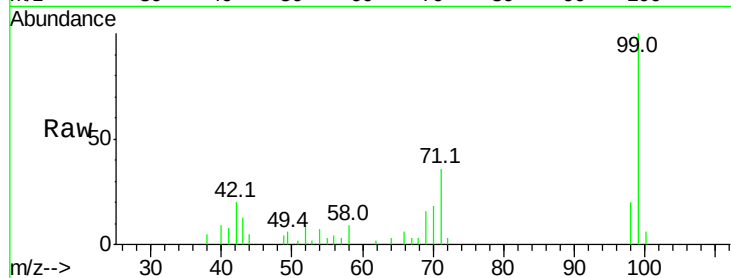
Tot Ion: 99 Resp: 20375

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

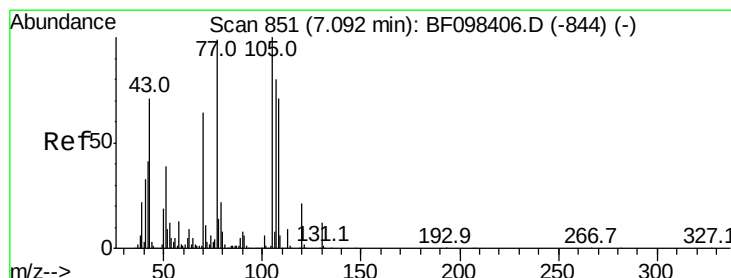
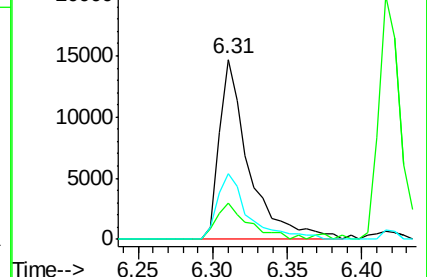
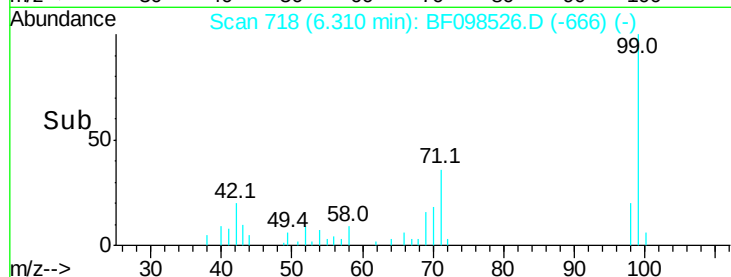
71 36.4 24.5 36.7



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: 13.286 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Tgt Ion: 70 Resp: 101064

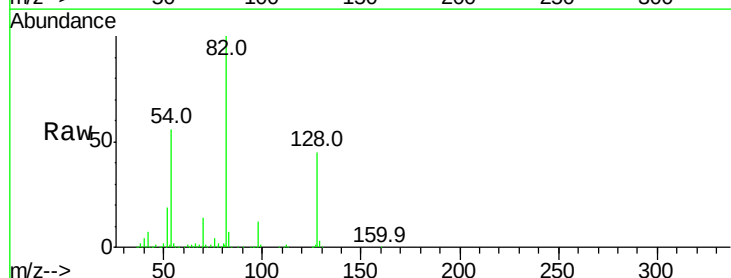
Ion Ratio Lower Upper

70 100

42 48.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

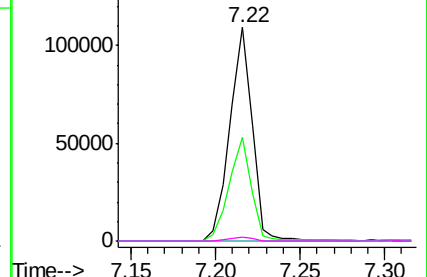
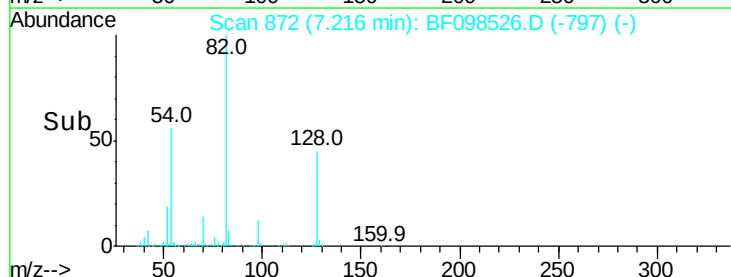


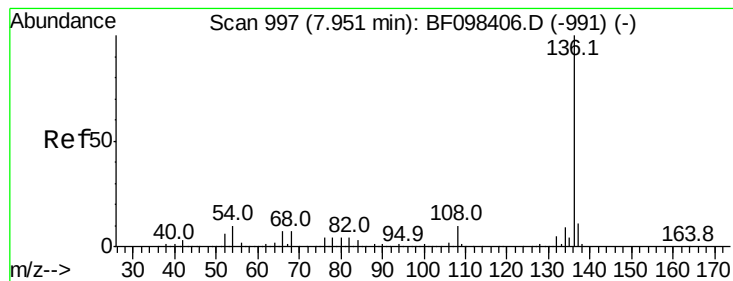
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

Tot Ion:136 Resp: 578457

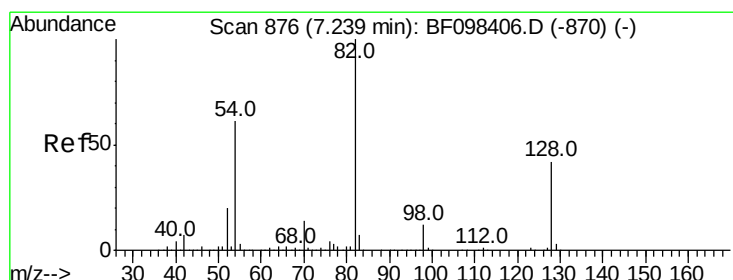
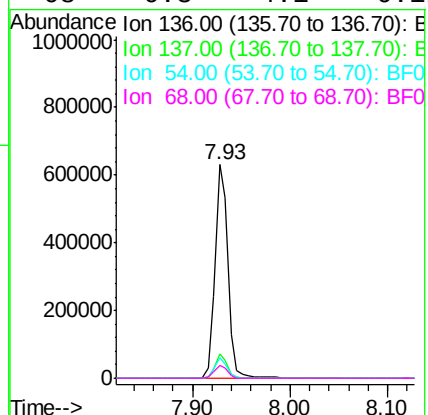
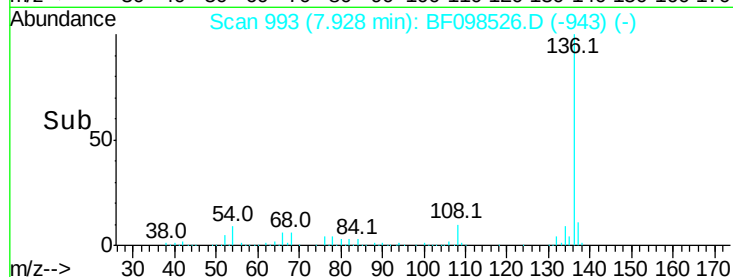
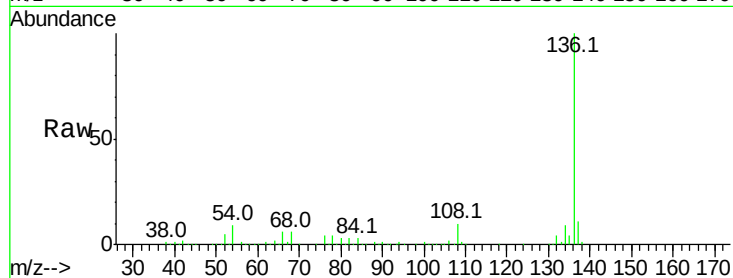
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.3 4.9 7.3#

68 6.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 73.023 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

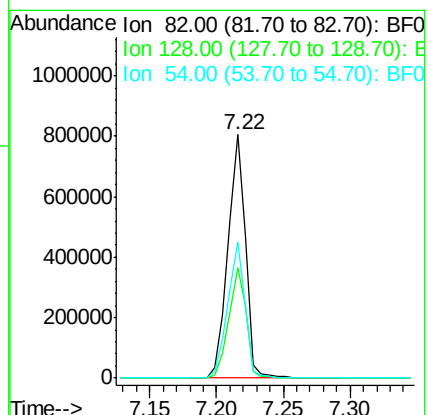
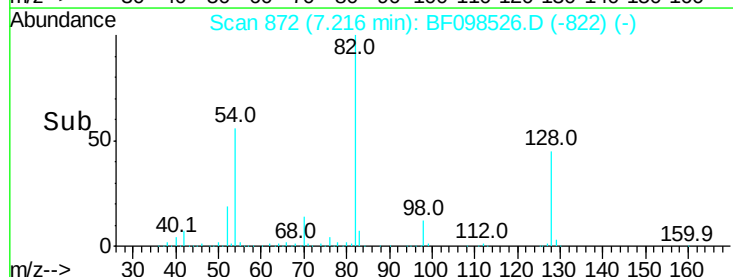
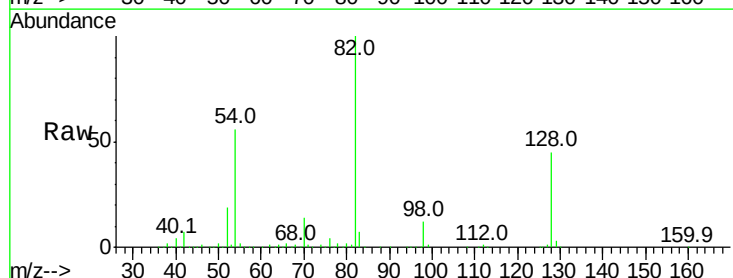
Tgt Ion: 82 Resp: 757683

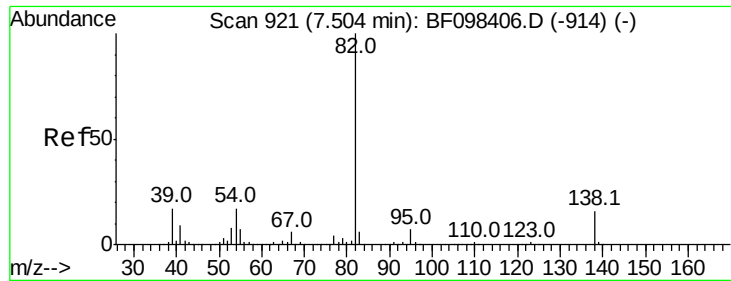
Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

54 56.0 42.2 63.2





#25

Isophorone

Concen: 35.770 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.27 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

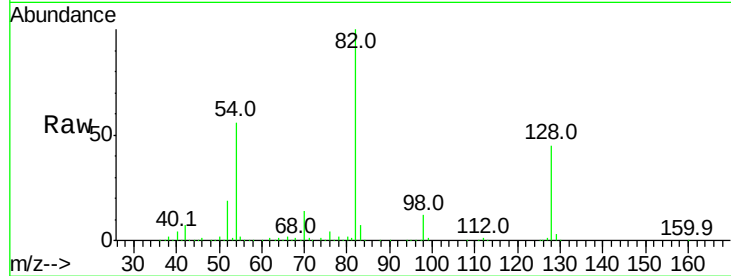
Tot Ion: 82 Resp: 750934

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

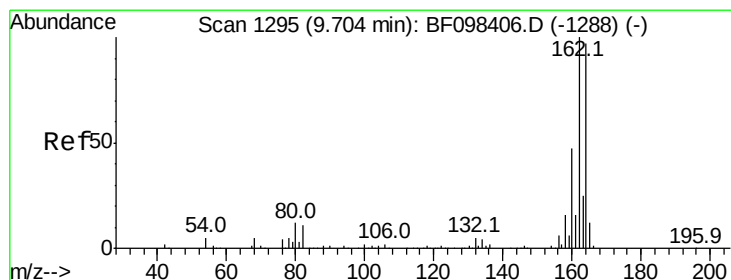
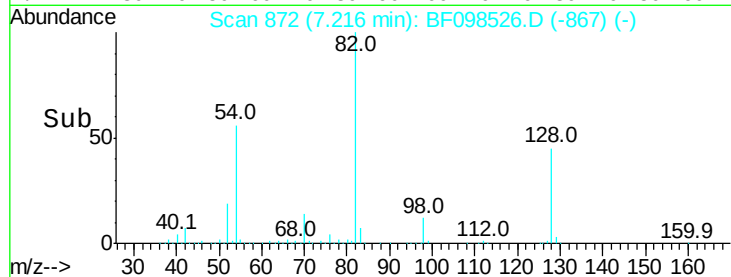
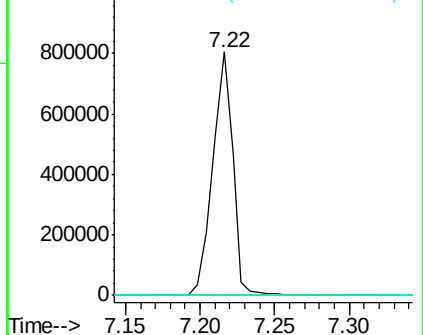
138 0.0 13.1 19.7#



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: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

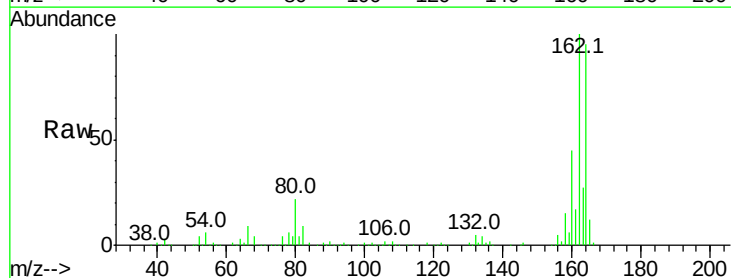
Tgt Ion: 164 Resp: 259784

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

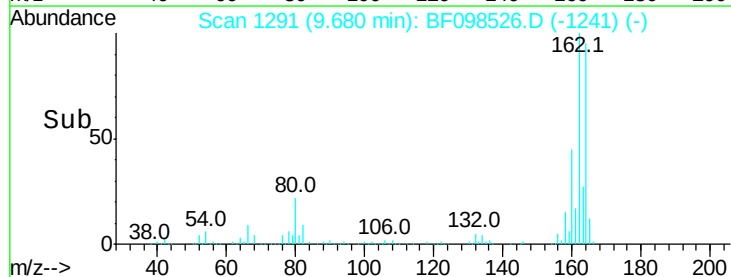
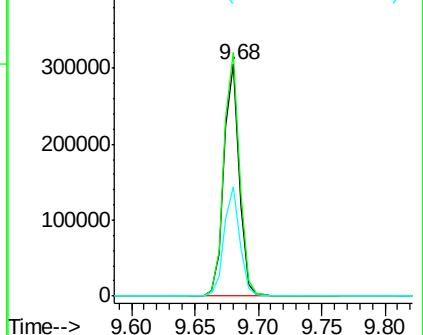
160 47.3 36.2 54.2

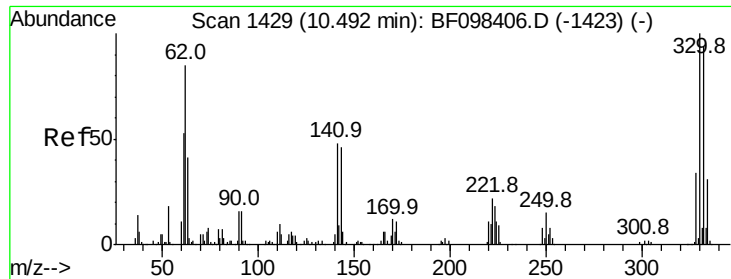


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

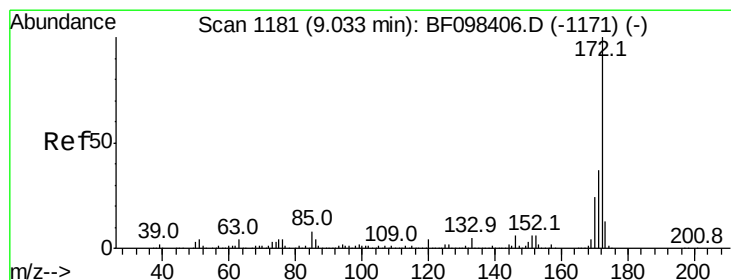
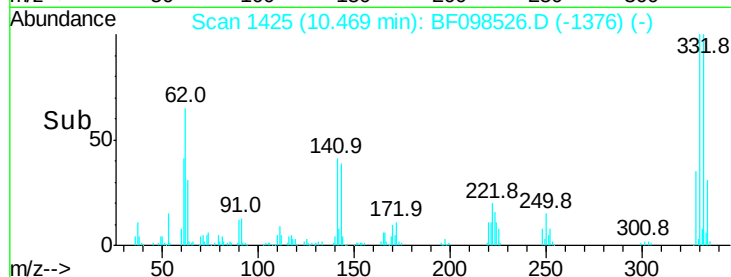
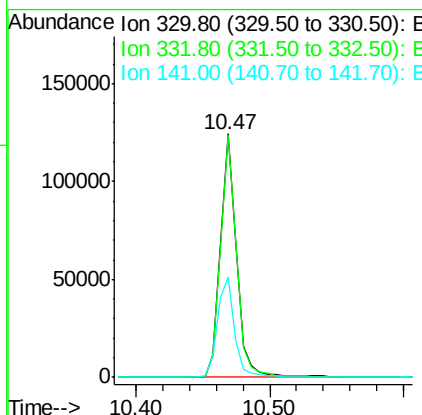
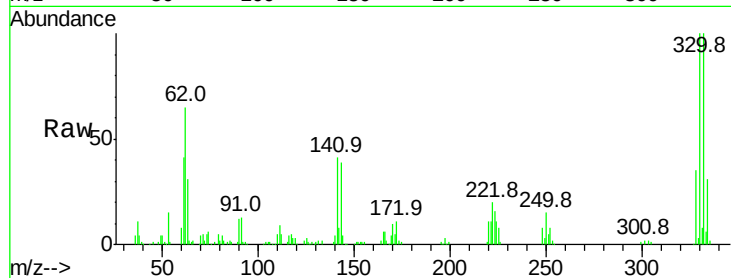




#41
 2,4,6-Tribromophenol
 Concen: 62.064 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

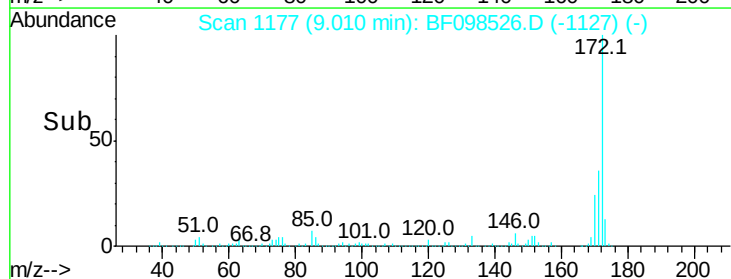
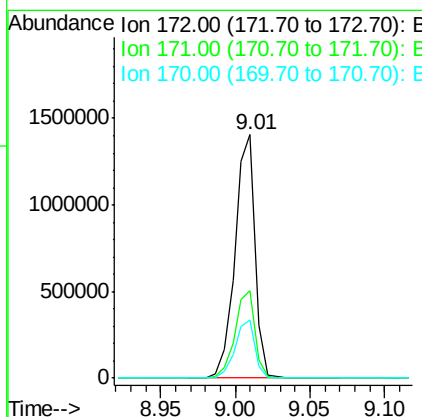
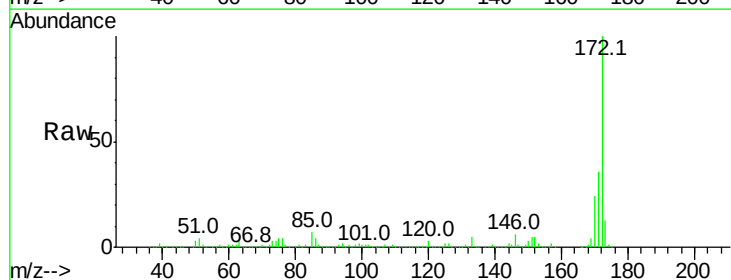
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-091117RE

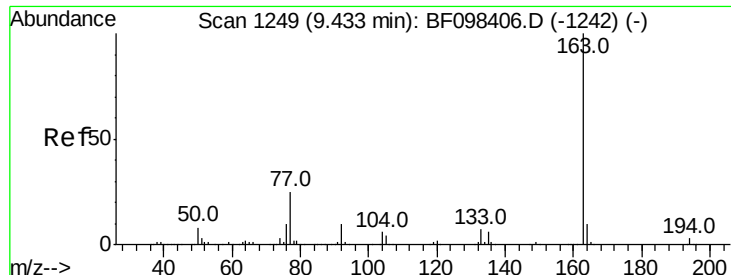
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.6	115.0
141	43.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.733 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.0	19.8	29.8

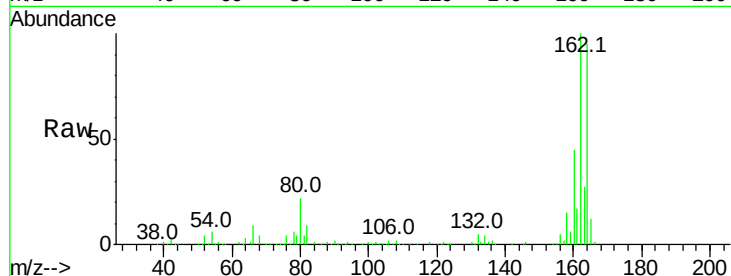




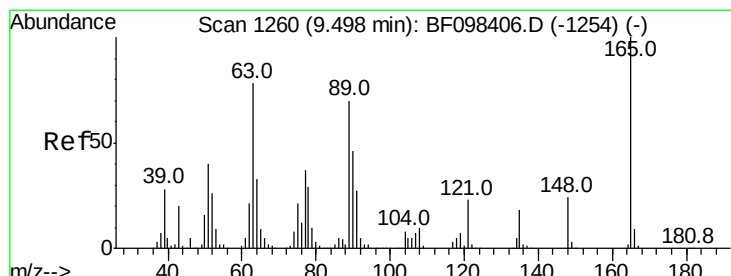
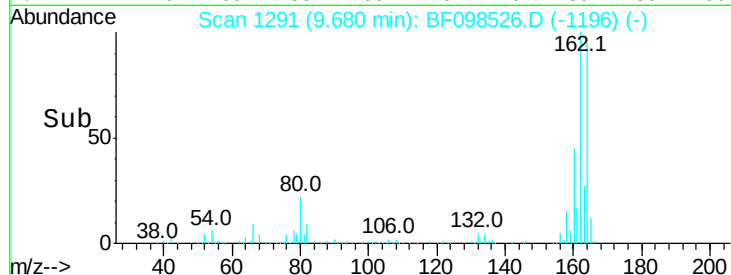
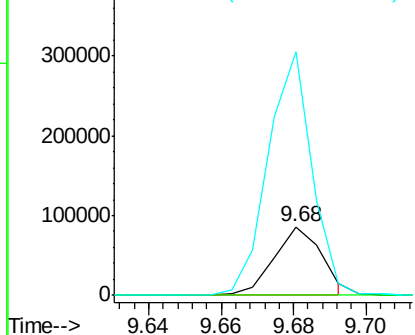
#49
Dimethylphthalate
Concen: 3.897 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.26 min
Lab File: BF098526.D
Acq: 14 Sep 2017 13:48

Instrument :
BNA_F
ClientSampleId :
SU-03-091117RE

Tot Ion:163 Resp: 78376
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 356.4 8.4 12.6#

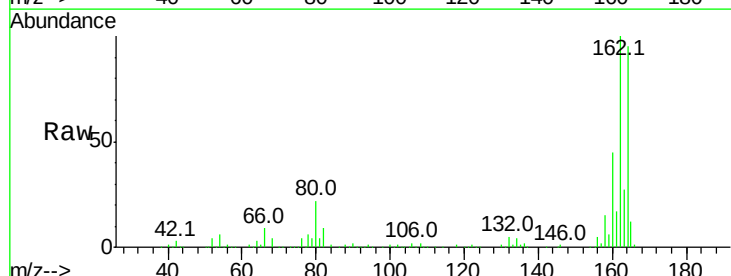


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

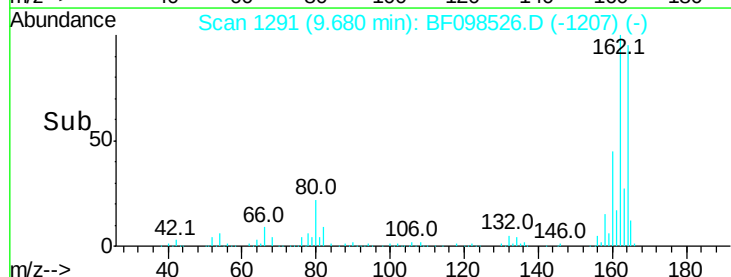
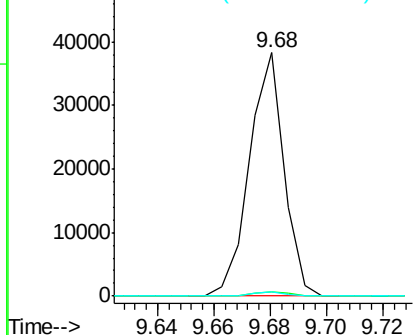


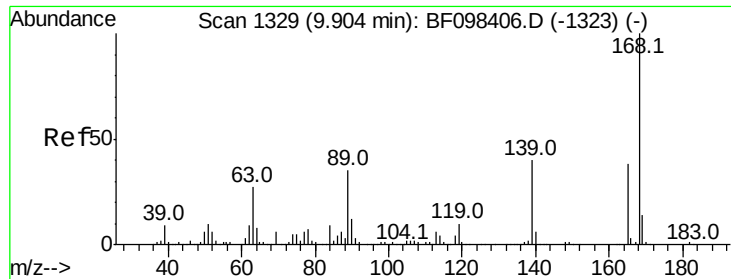
#50
2,6-Dinitrotoluene
Concen: 7.858 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098526.D
Acq: 14 Sep 2017 13:48

Tgt Ion:165 Resp: 32460
Ion Ratio Lower Upper
165 100
63 1.9 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

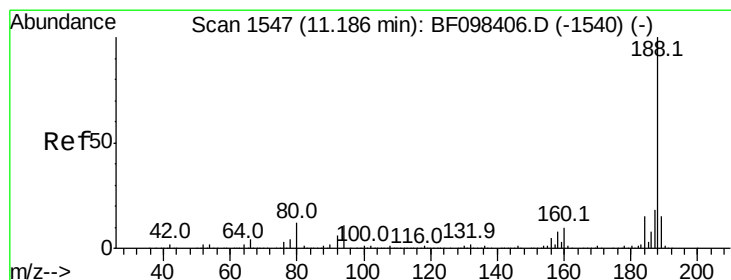
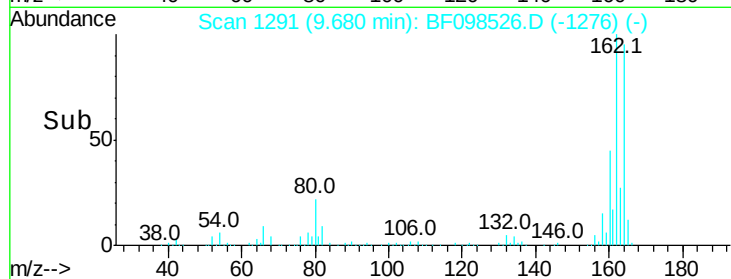
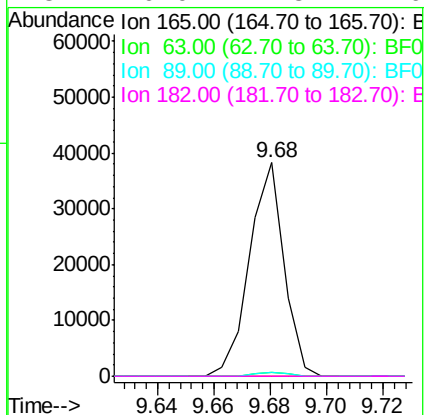
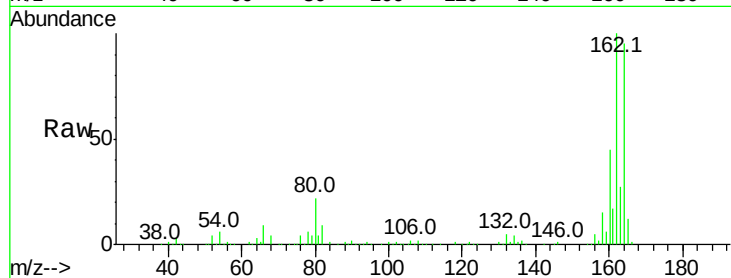




#56
 2,4-Dinitrotoluene
 Concen: 6.464 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.21 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

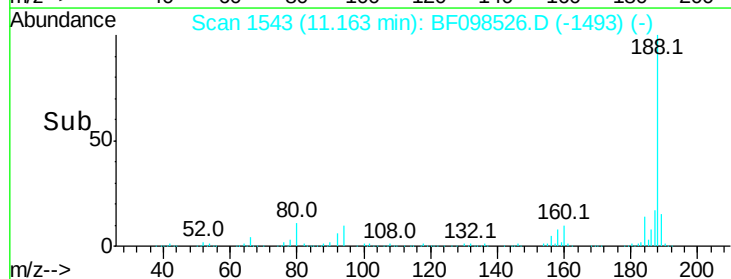
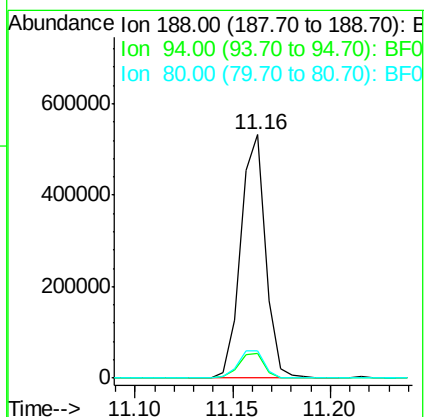
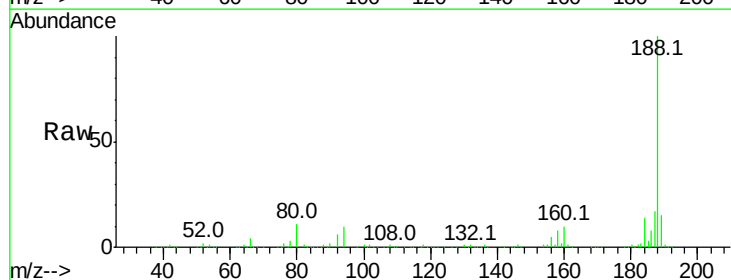
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-091117RE

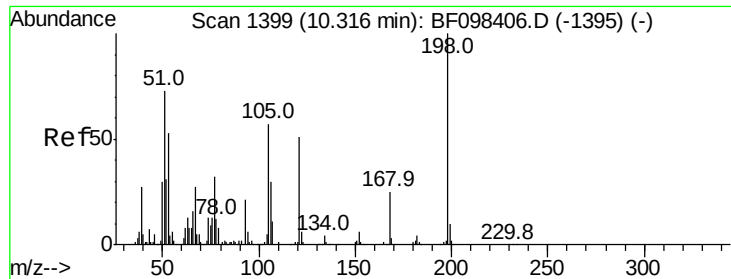
Tot Ion:165 Resp: 32460
 Ion Ratio Lower Upper
 165 100
 63 1.9 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF098526.D
 Acq: 14 Sep 2017 13:48

Tgt Ion:188 Resp: 469579
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.0 10.2 15.2

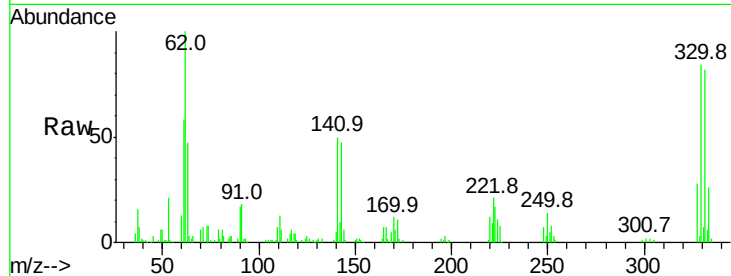




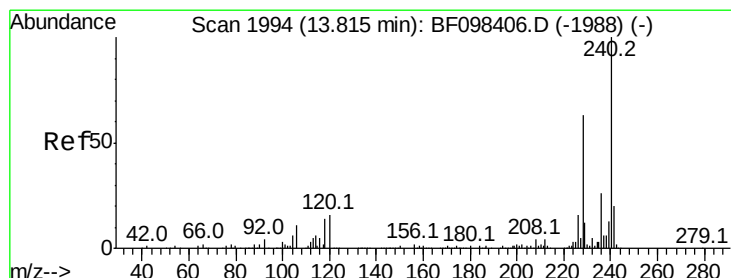
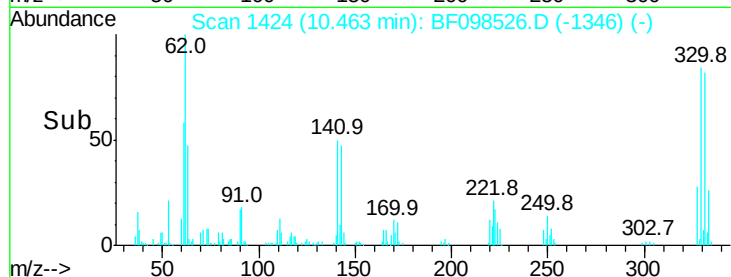
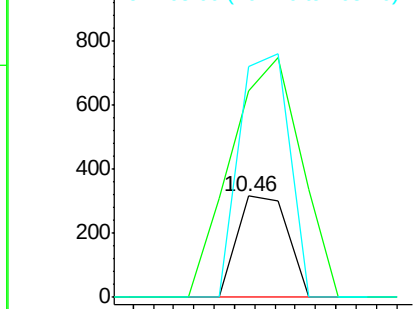
#64
4,6-Dinitro-2-methylphenol
Concen: 5.032 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.16 min
Lab File: BF098526.D
Acq: 14 Sep 2017 13:48

Instrument :
BNA_F
ClientSampleId :
SU-03-091117RE

Tot Ion:198 Resp: 219
Ion Ratio Lower Upper
198 100
51 203.8 53.2 93.2#
105 228.5 45.8 85.8#

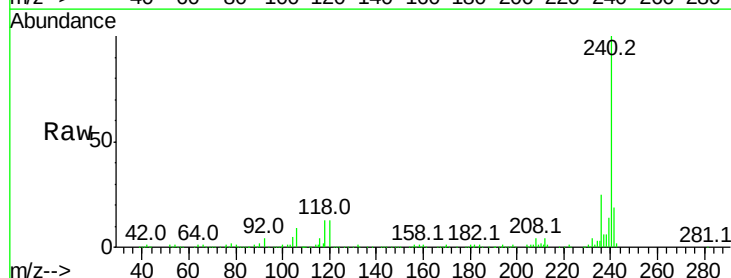


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

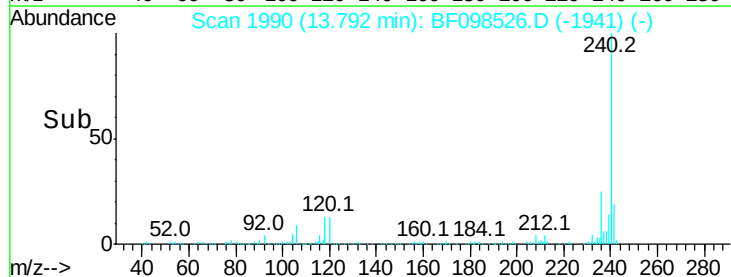
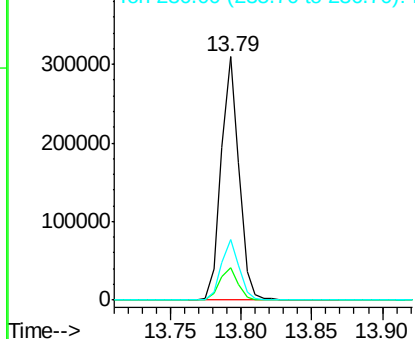


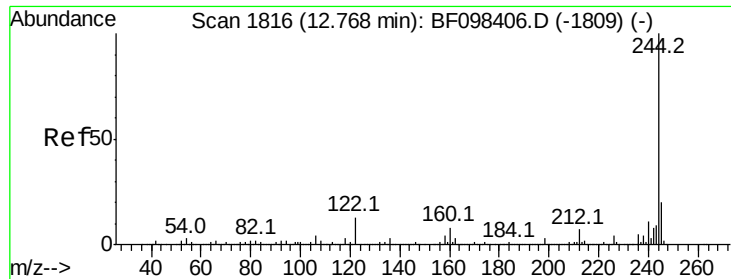
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098526.D
Acq: 14 Sep 2017 13:48

Tgt Ion:240 Resp: 273154
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.1 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: 92.882 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

Instrument :

BNA_F

ClientSampleId :

SU-03-091117RE

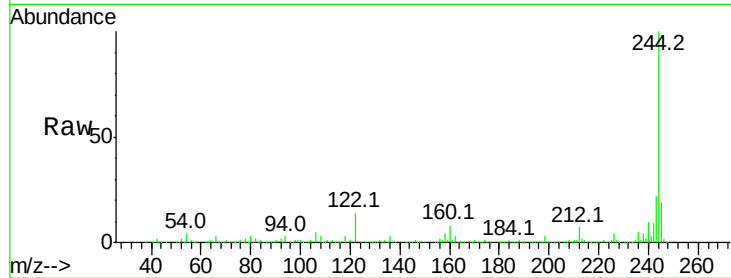
Tot Ion:244 Resp: 1175423

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

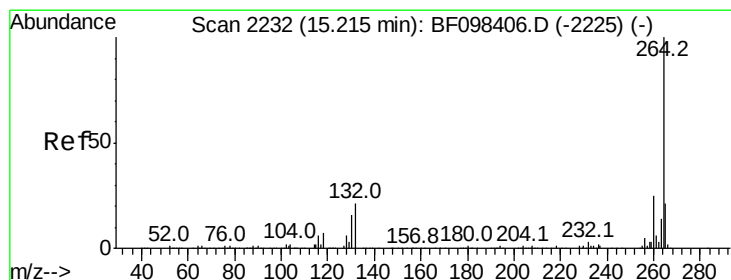
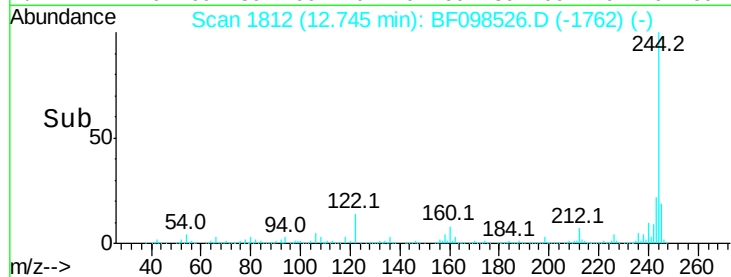
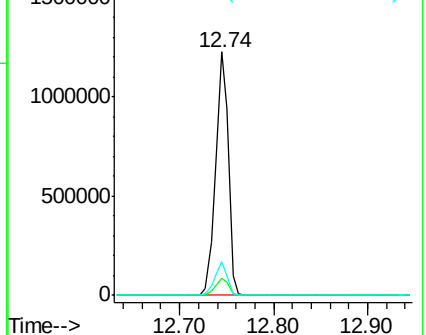
122 13.6 10.3 15.5



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: 20.000 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF098526.D

Acq: 14 Sep 2017 13:48

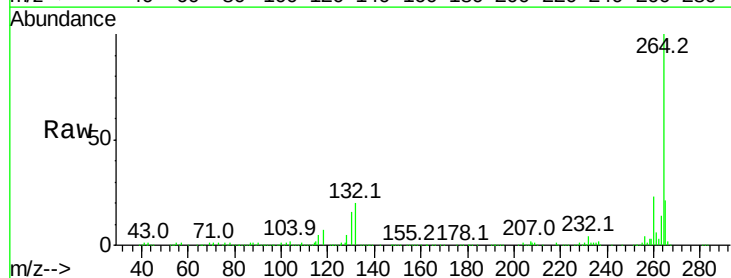
Tgt Ion:264 Resp: 300071

Ion Ratio Lower Upper

264 100

260 23.0 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

