

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108528.D
 Acq On : 28 Aug 2018 00:07
 Operator : JU/SJ
 Sample : J4659-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:38:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

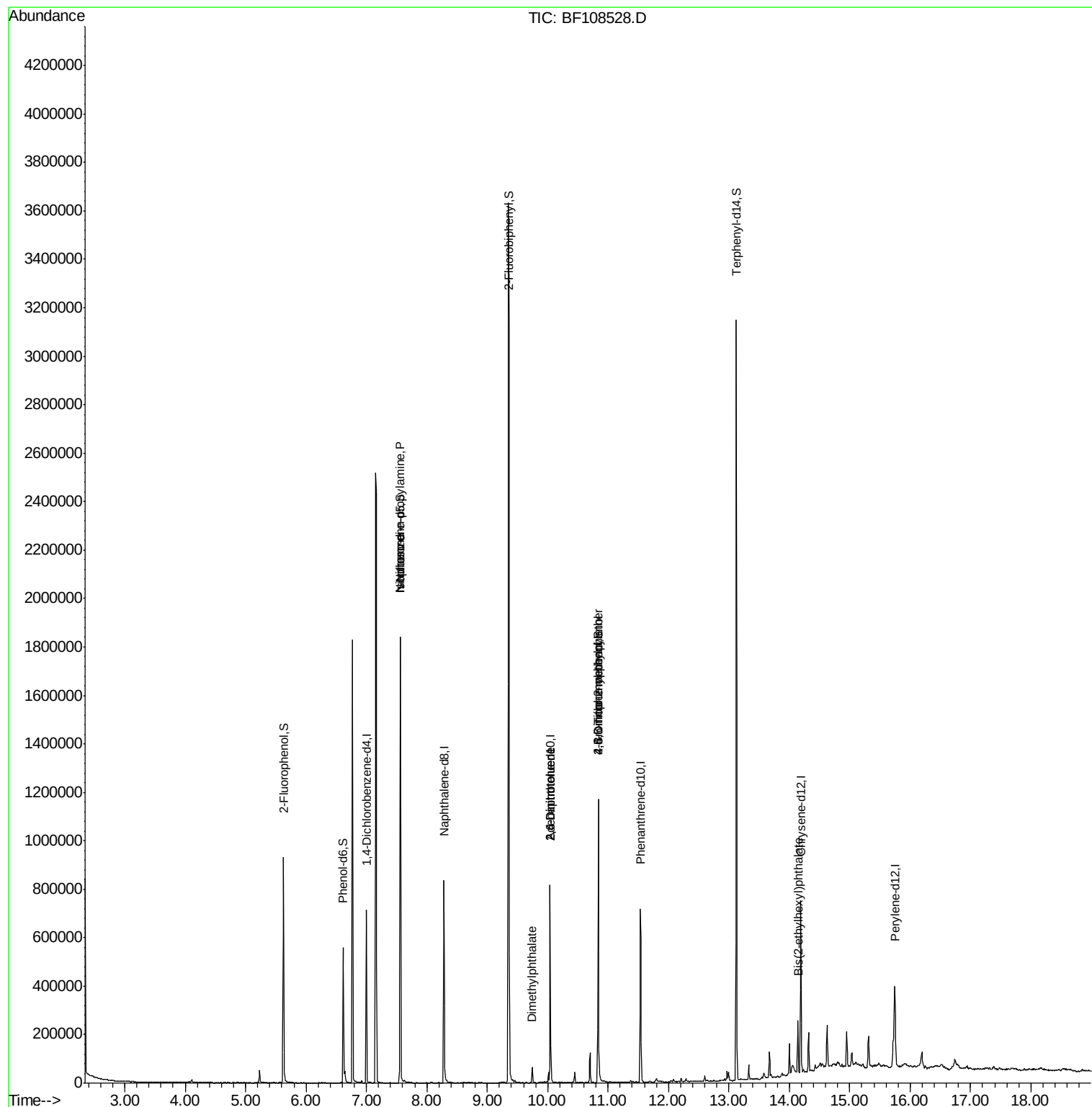
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	101768	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	356871	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	156478	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	273474	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	258374	20.00	ng	-0.01
86) Perylene-d12	15.75	264	176994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	225789	40.17	ng	0.00
7) Phenol-d6	6.61	99	178876	23.95	ng	-0.02
23) Nitrobenzene-d5	7.56	82	647988	101.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	140122	89.77	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1166783	119.71	ng	-0.01
78) Terphenyl-d14	13.12	244	988745	97.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	86744	17.173	ng	# 84
25) Isophorone	7.56	82	647979	53.157	ng	# 64
49) Dimethylphthalate	9.75	163	29362	2.694	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	19188	8.414	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	19188	6.537	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	115	5.458	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	8897	2.994	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.14	149	54095	6.150	ng	99

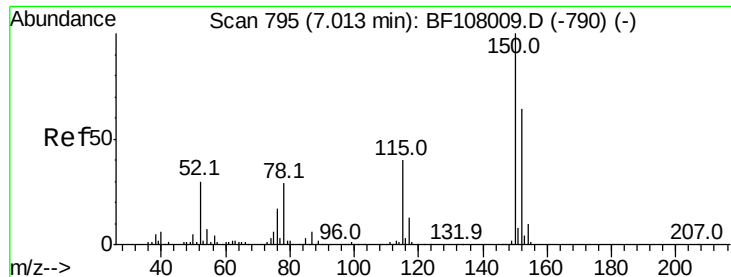
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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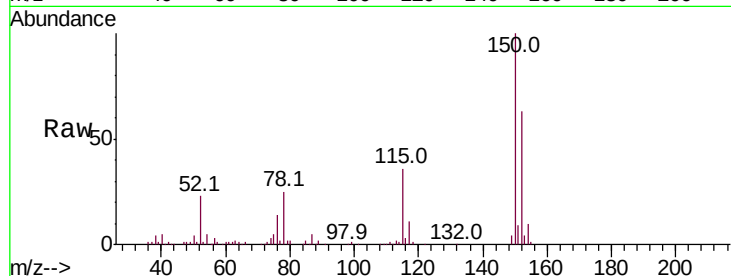


#1

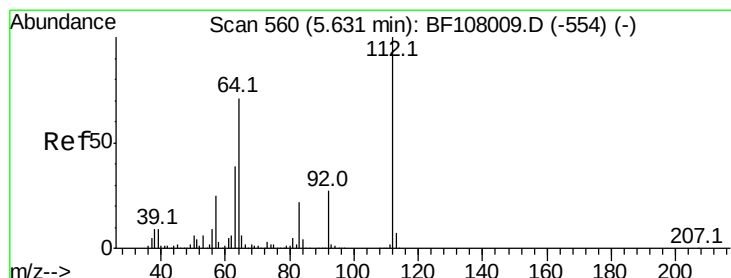
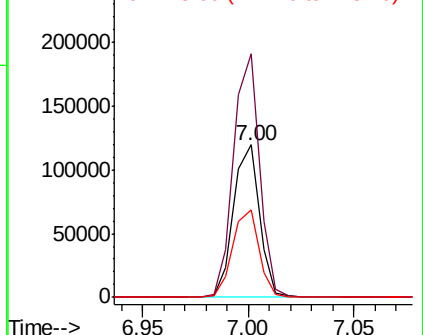
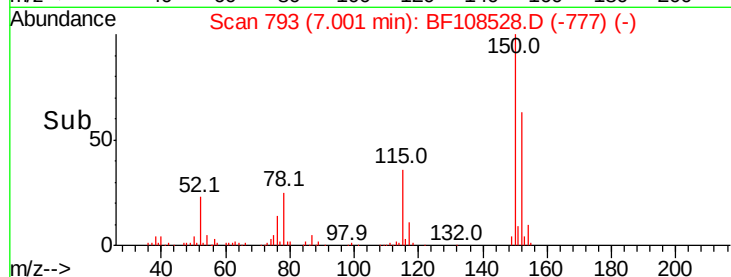
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108528.D
Acq: 28 Aug 2018 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101768
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 57.8 50.1 75.1



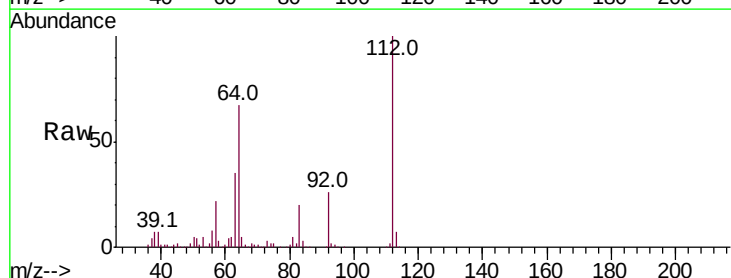
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



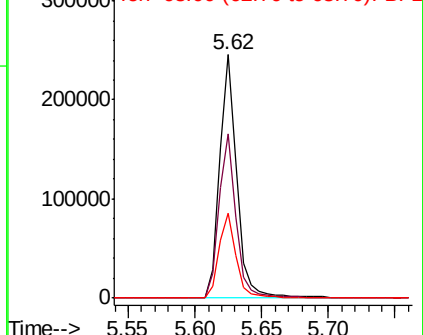
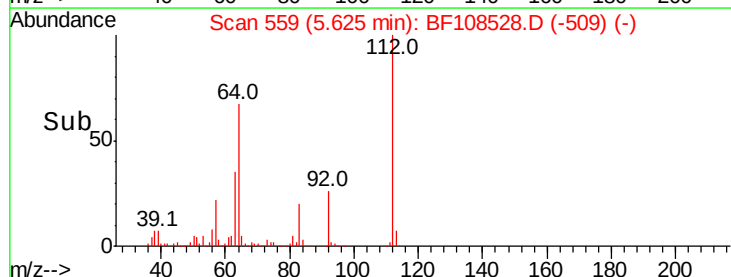
#5

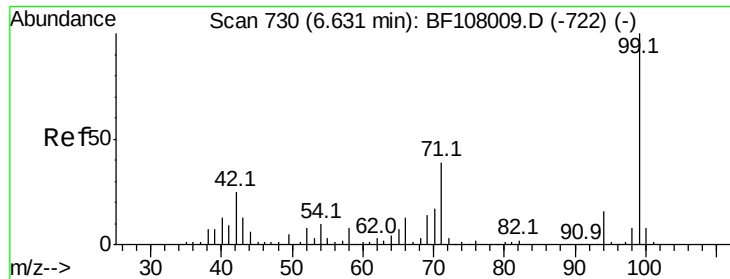
2-Fluorophenol
Concen: 40.168 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108528.D
Acq: 28 Aug 2018 00:07

Tgt Ion:112 Resp: 225789
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 34.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.947 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA_F

ClientSampled :

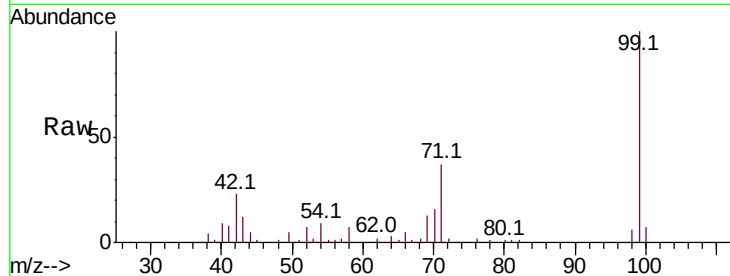
Tot Ion: 99 Resp: 178876

Ion Ratio Lower Upper

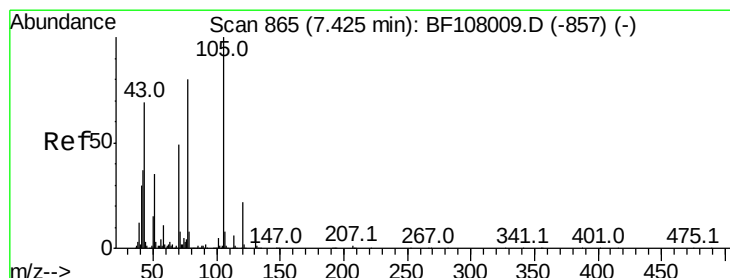
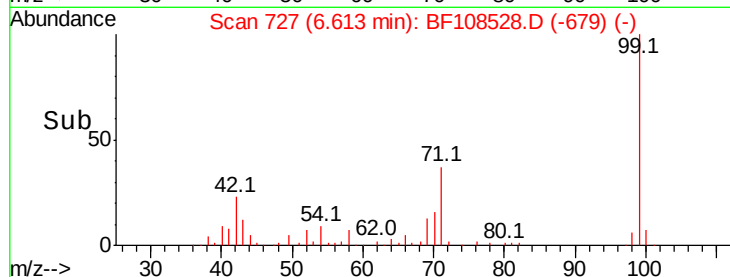
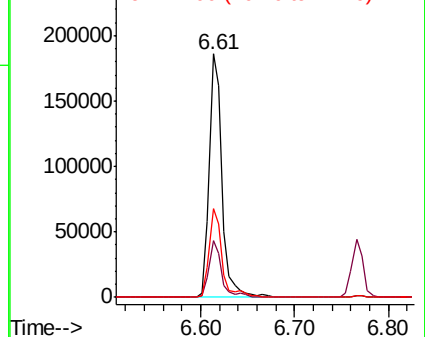
99 100

42 23.4 14.5 21.7#

71 36.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.173 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Tgt Ion: 70 Resp: 86744

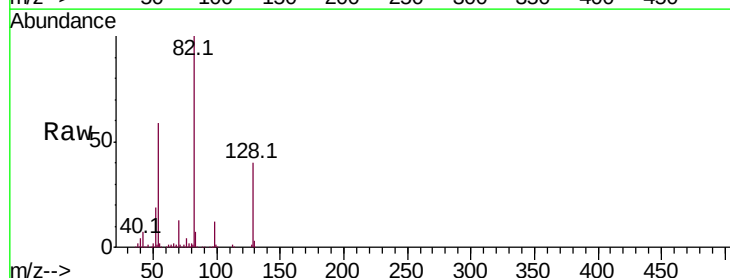
Ion Ratio Lower Upper

70 100

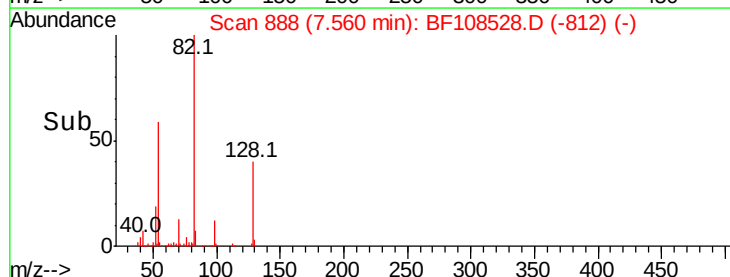
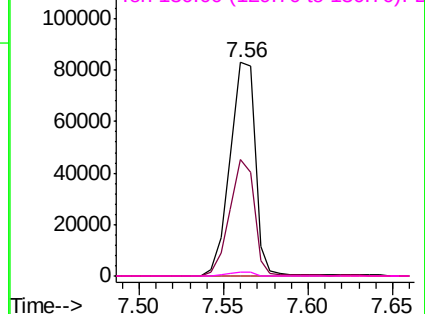
42 54.5 47.5 71.3

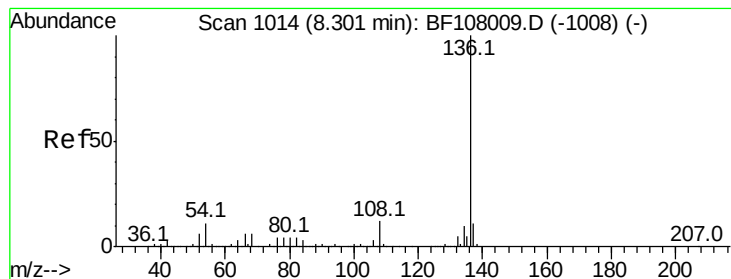
101 0.0 7.4 11.2#

130 1.6 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 356871

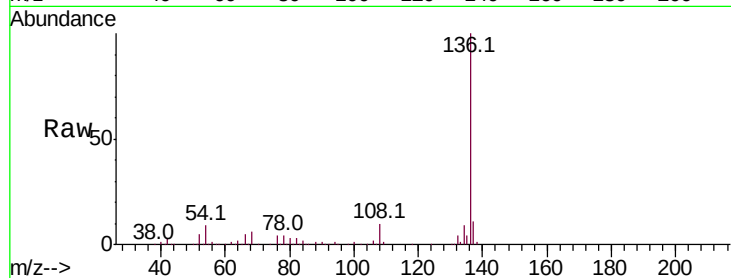
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.5 6.6 9.8

68 5.5 5.0 7.4

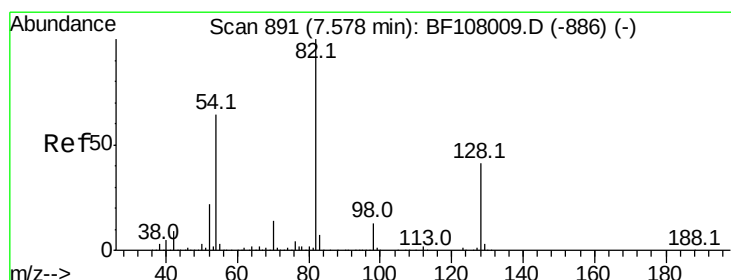
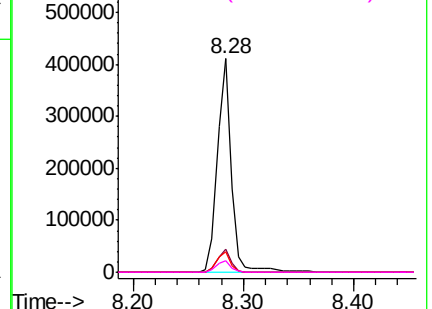
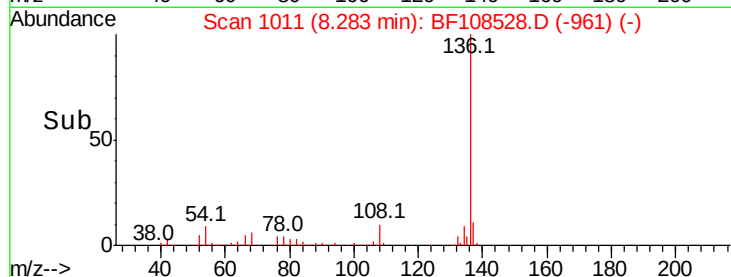


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 101.321 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

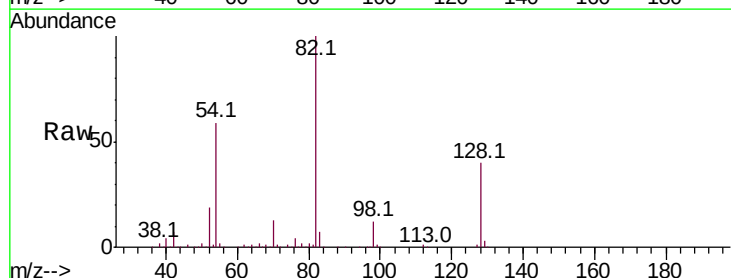
Tgt Ion: 82 Resp: 647988

Ion Ratio Lower Upper

82 100

128 40.4 36.1 54.1

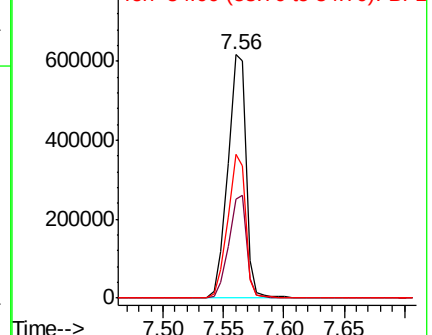
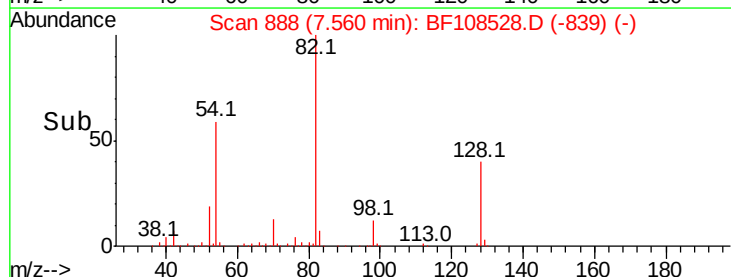
54 59.0 41.4 62.2

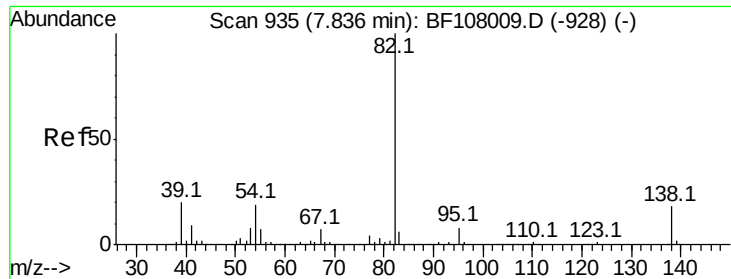


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

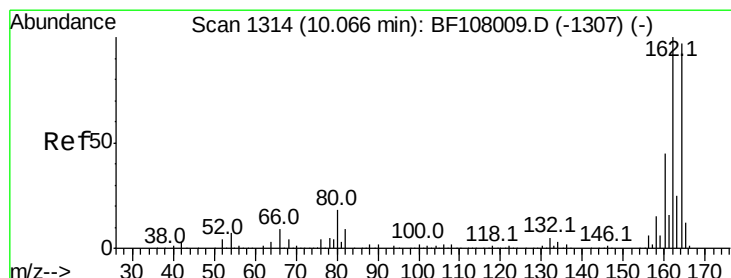
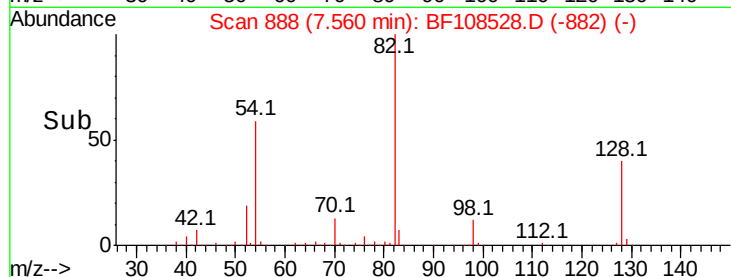
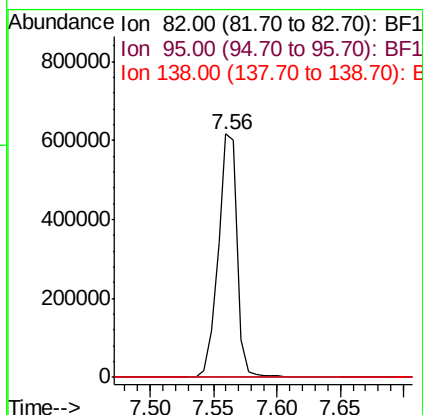
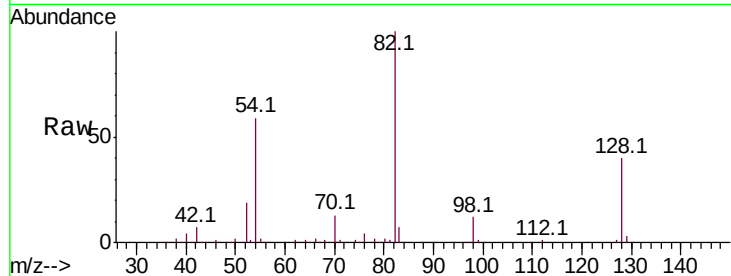




#25
Isophorone
Concen: 53.157 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108528.D
Acq: 28 Aug 2018 00:07

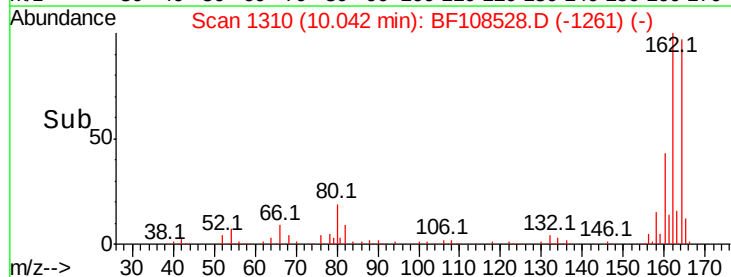
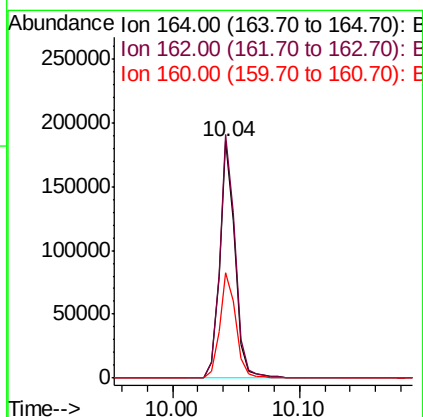
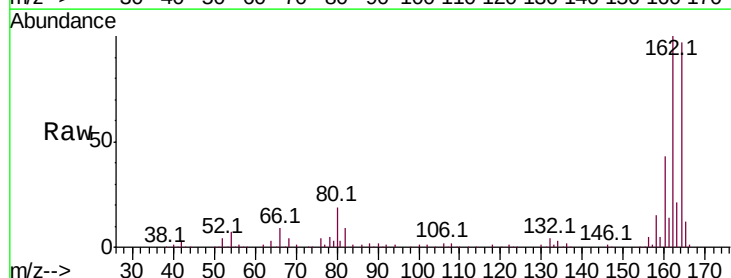
Instrument :
BNA_F
ClientSampleId :

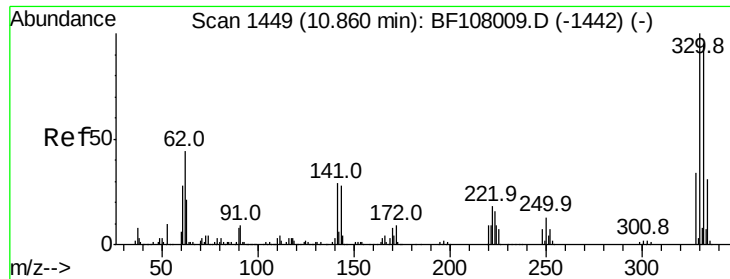
Tot Ion: 82 Resp: 647979
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108528.D
Acq: 28 Aug 2018 00:07

Tgt Ion:164 Resp: 156478
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 44.6 38.3 57.5

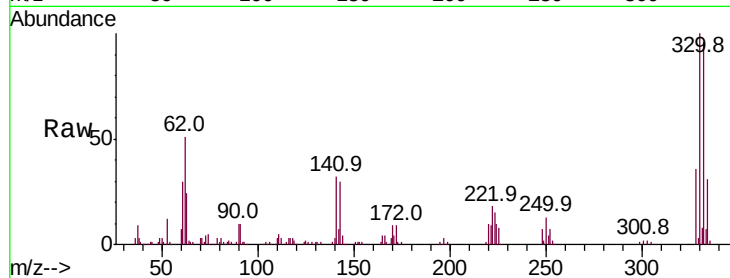




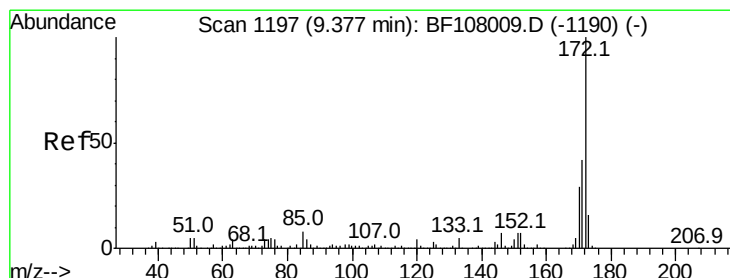
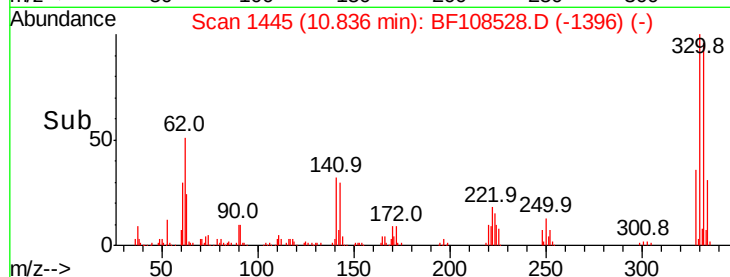
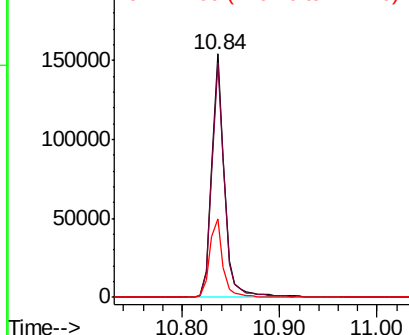
#41
 2,4,6-Tribromophenol
 Concen: 89.774 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108528.D
 Acq: 28 Aug 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 140122
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.5 29.9 44.9

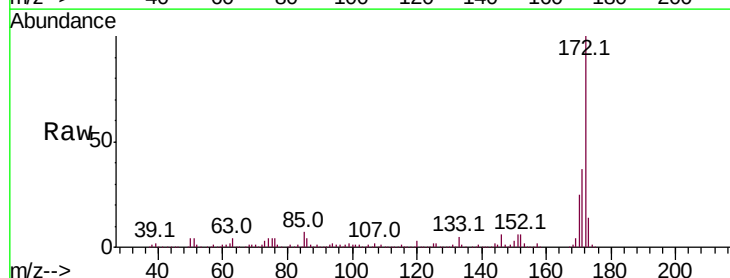


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

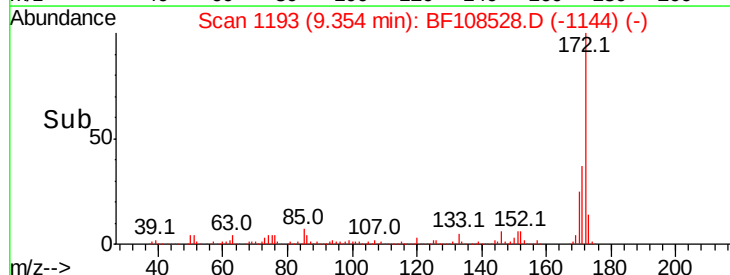
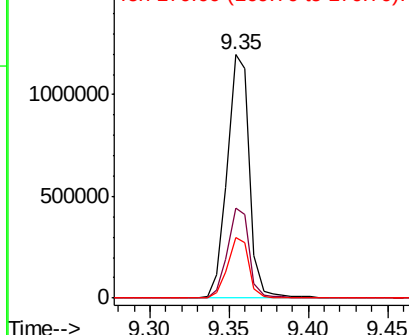


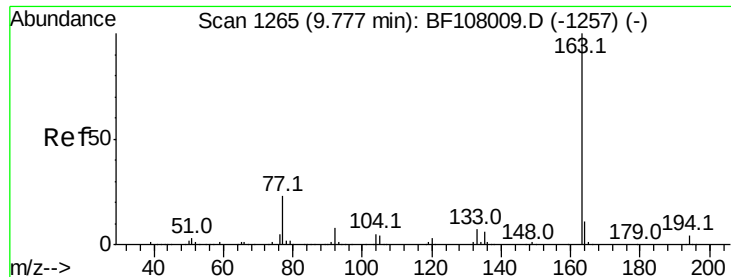
#44
 2-Fluorobiphenyl
 Concen: 119.712 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108528.D
 Acq: 28 Aug 2018 00:07

Tgt Ion:172 Resp: 1166783
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.0 19.6 29.4



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

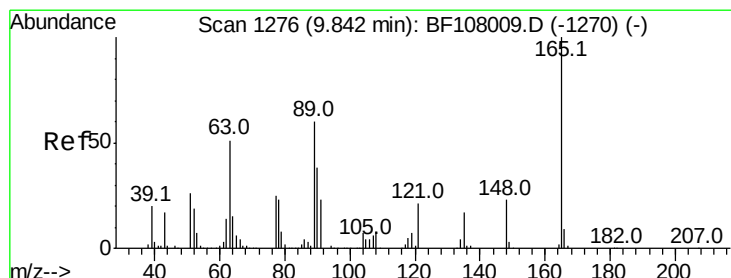
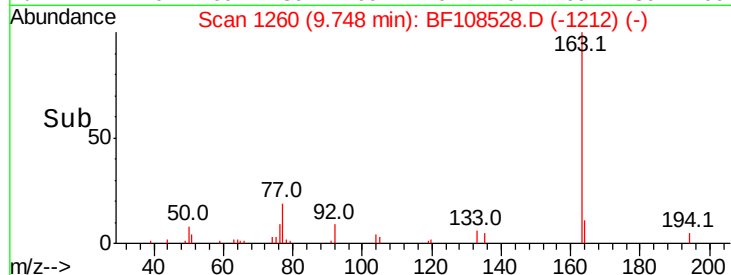
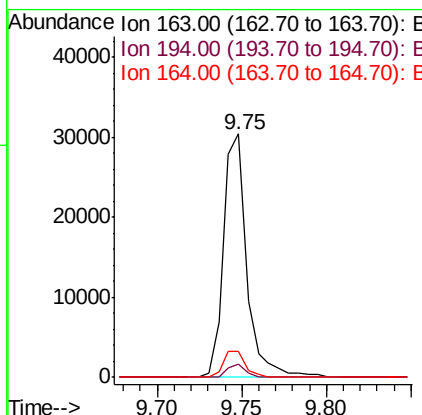
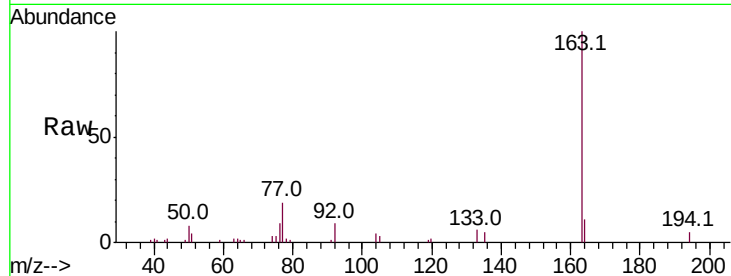




#49
Dimethylphthalate
Concen: 2.694 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108528.D
Acq: 28 Aug 2018 00:07

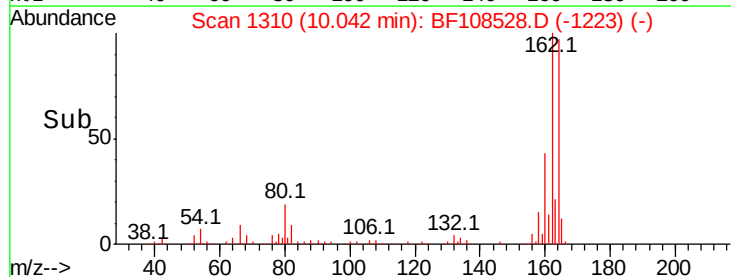
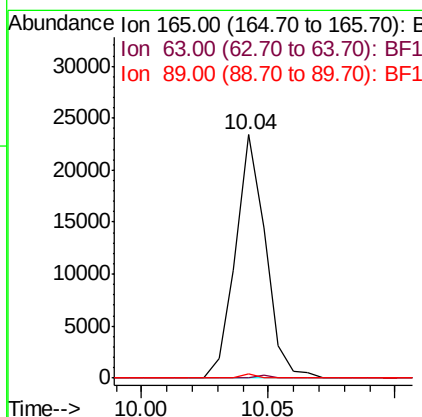
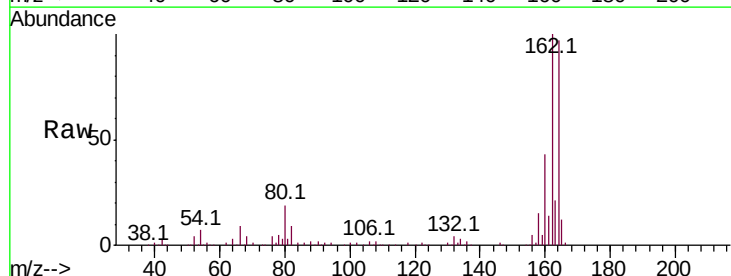
Instrument :
BNA_F
ClientSampleId :

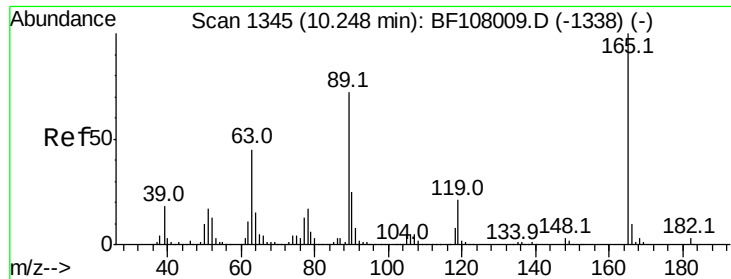
Tot Ion:163 Resp: 29362
Ion Ratio Lower Upper
163 100
194 5.3 2.7 4.1#
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.414 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108528.D
Acq: 28 Aug 2018 00:07

Tgt Ion:165 Resp: 19188
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.8 44.0 66.0#

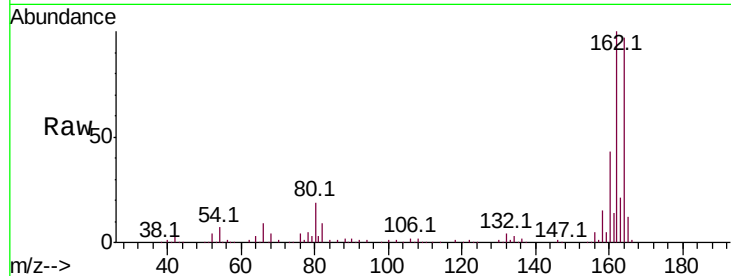




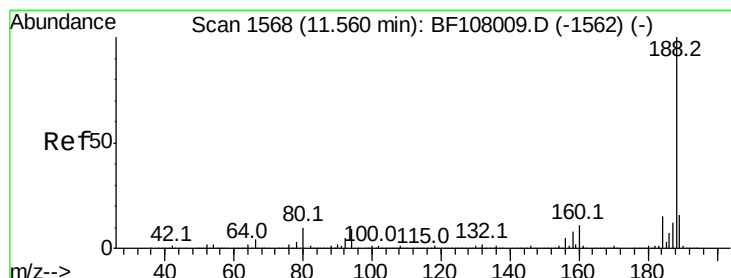
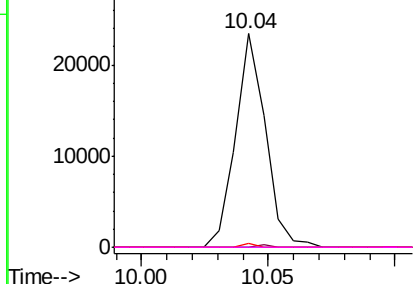
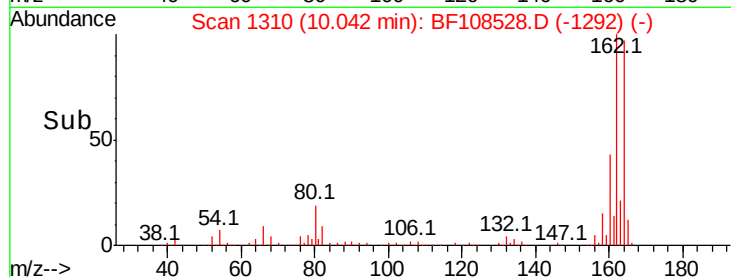
#56
 2,4-Dinitrotoluene
 Concen: 6.537 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108528.D
 Acq: 28 Aug 2018 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	19188
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

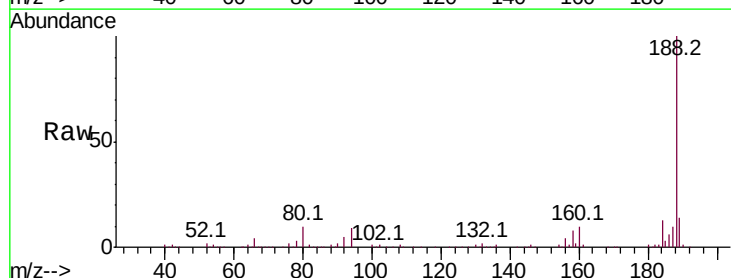


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

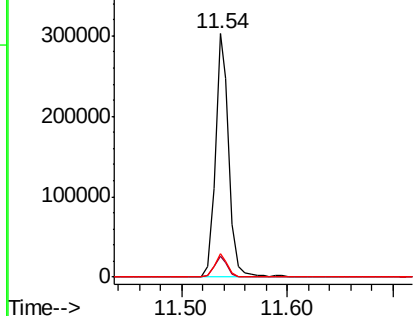
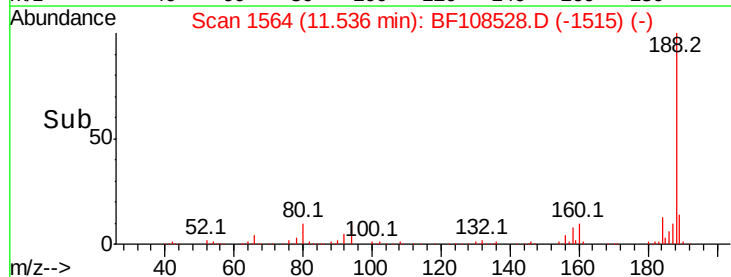


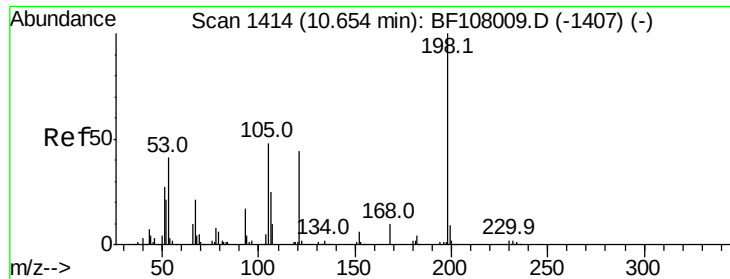
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108528.D
 Acq: 28 Aug 2018 00:07

Tgt Ion:	188	Resp:	273474
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.7	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.458 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA_F

ClientSampleId :

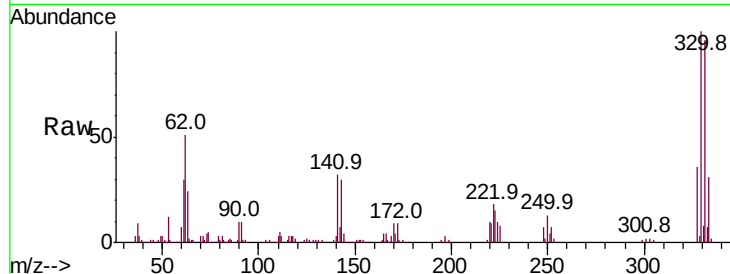
Tot Ion:198 Resp: 115

Ion Ratio Lower Upper

198 100

51 247.4 37.7 77.7#

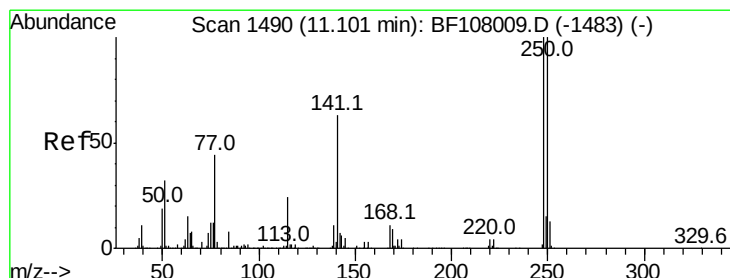
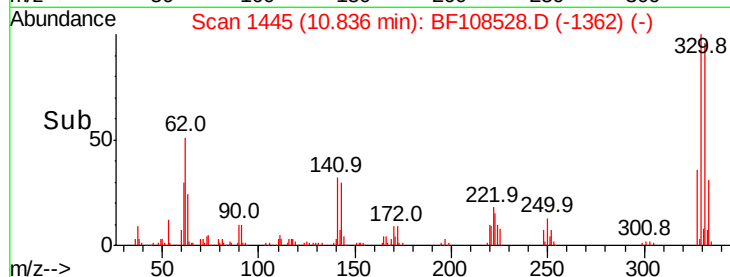
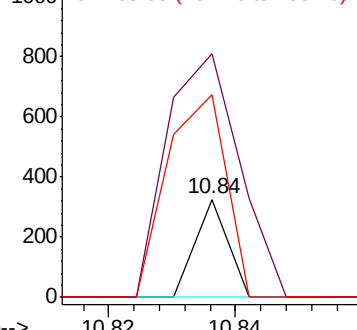
105 205.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.994 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

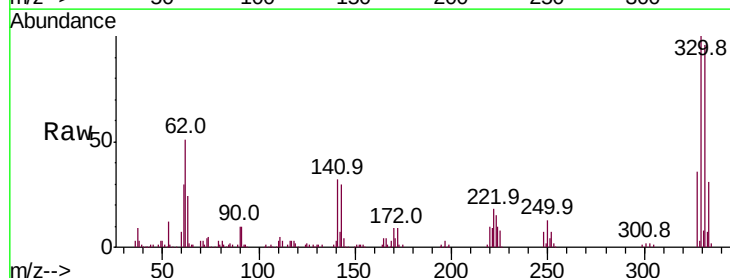
Tgt Ion:248 Resp: 8897

Ion Ratio Lower Upper

248 100

250 193.7 76.9 115.3#

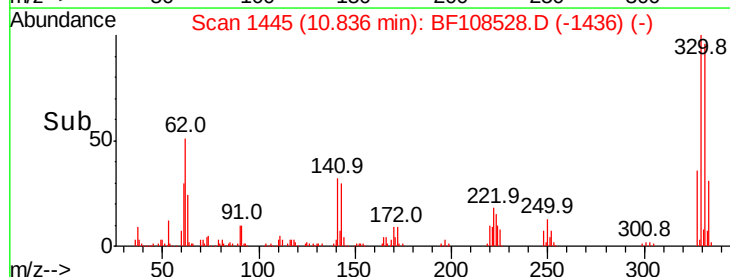
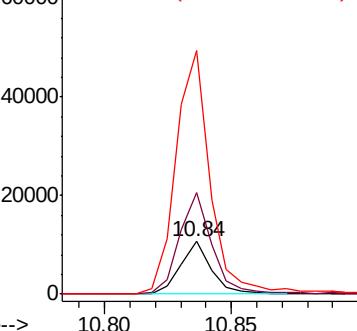
141 464.6 74.4 111.6#

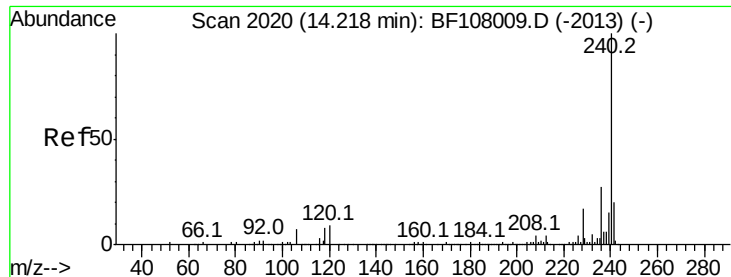


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA_F

ClientSampleId :

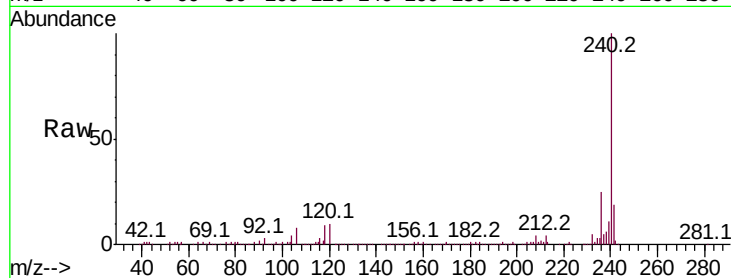
Tot Ion:240 Resp: 258374

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

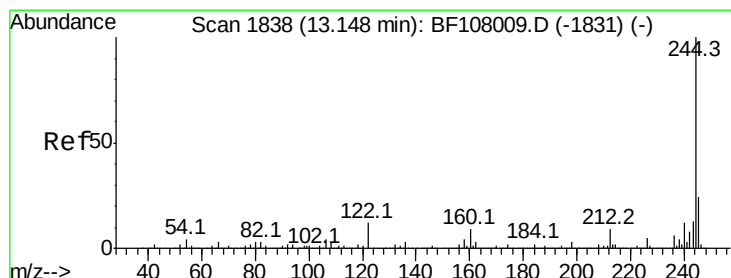
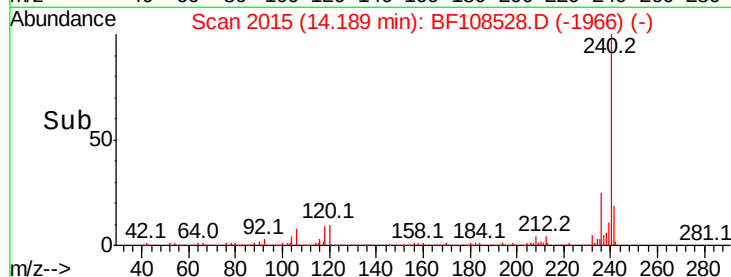
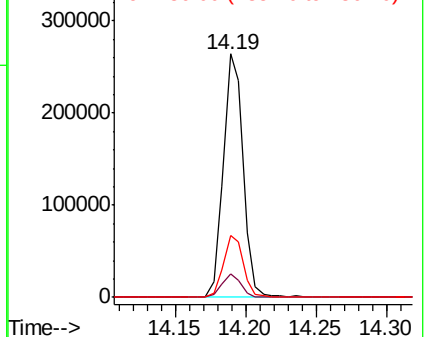
236 25.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 97.299 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

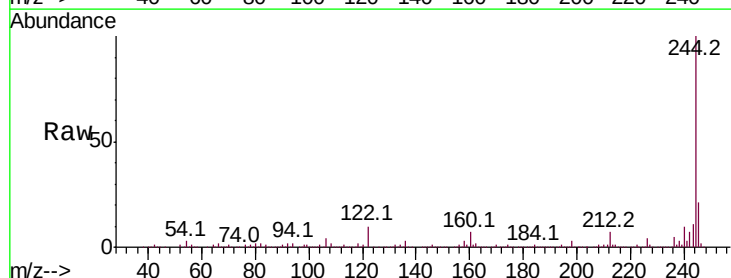
Tgt Ion:244 Resp: 988745

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

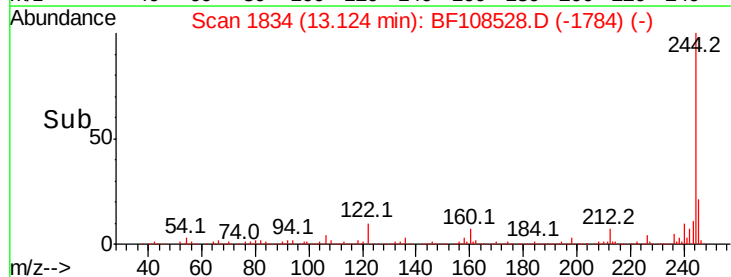
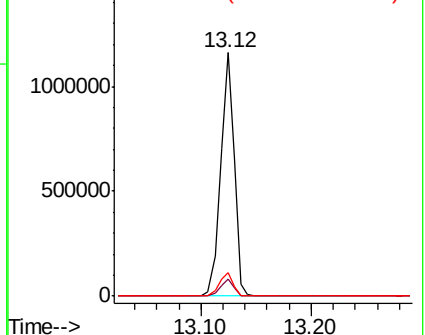
122 9.8 11.0 16.4#

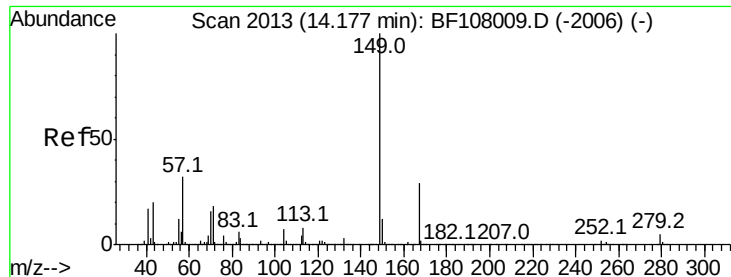


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.150 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

Instrument :

BNA_F

ClientSampleId :

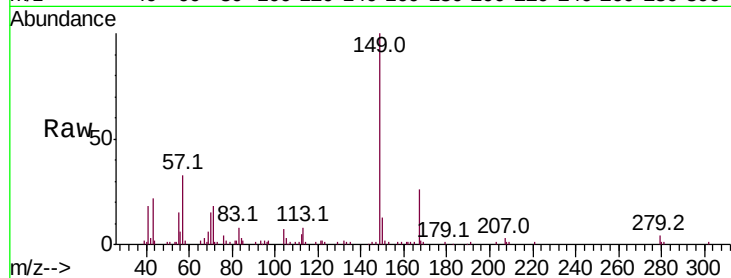
Tot Ion:149 Resp: 54095

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

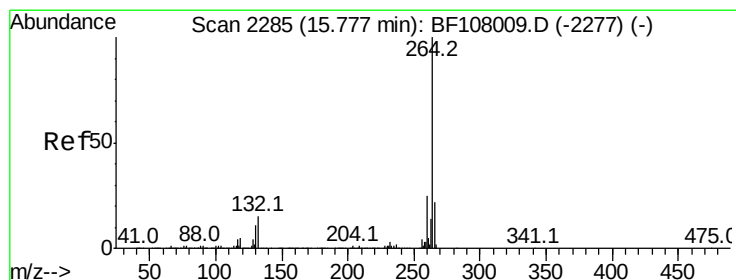
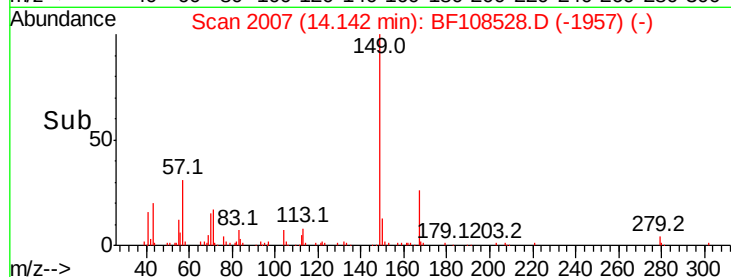
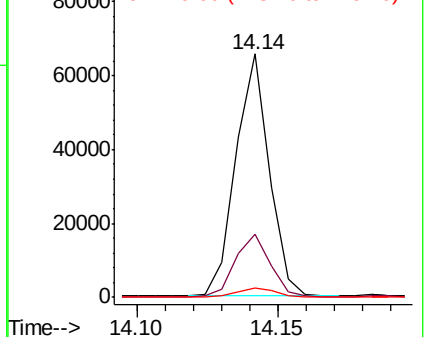
279 3.8 3.0 4.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108528.D

Acq: 28 Aug 2018 00:07

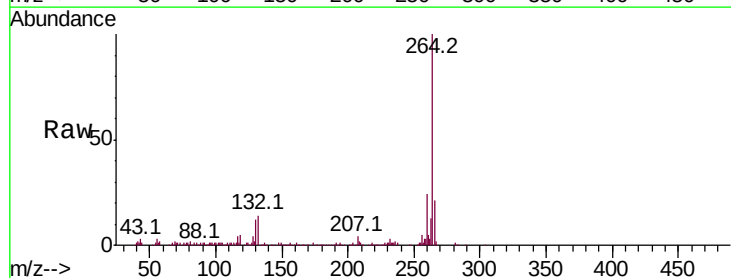
Tgt Ion:264 Resp: 176994

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.7 17.5 26.3



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

