

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108518.D
 Acq On : 27 Aug 2018 18:42
 Operator : JU/SJ
 Sample : J4524-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:36:20 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

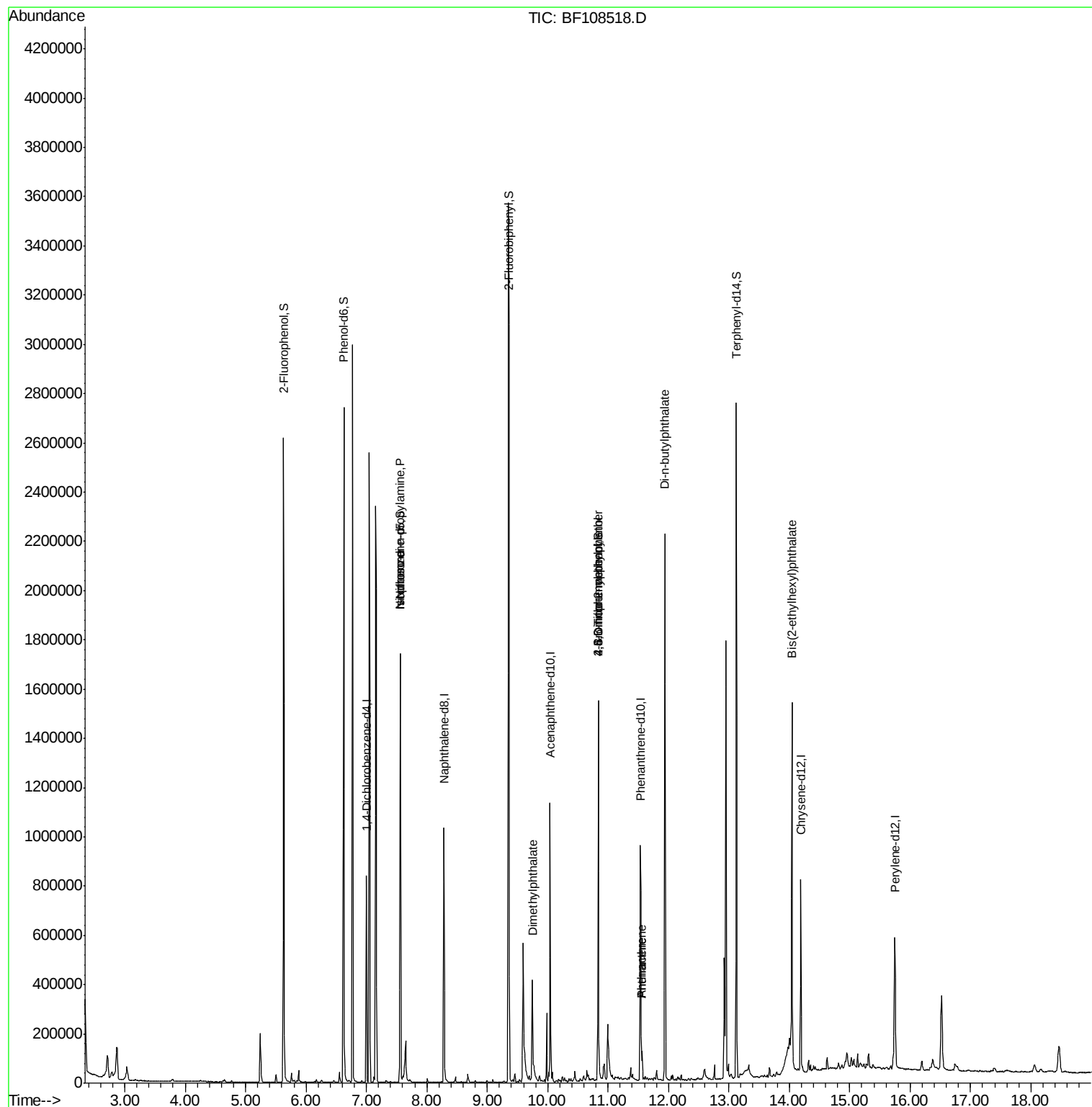
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	119066	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	445045	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	210109	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	337031	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	278725	20.00	ng	0.00
86) Perylene-d12	15.75	264	266706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	627637	95.44	ng	0.00
7) Phenol-d6	6.62	99	869625	99.51	ng	0.00
23) Nitrobenzene-d5	7.56	82	583642	73.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	173749	82.90	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1121924	85.73	ng	-0.01
78) Terphenyl-d14	13.12	244	867941	79.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	78677	13.313	ng	# 83
25) Isophorone	7.56	82	583636	38.393	ng	# 64
49) Dimethylphthalate	9.75	163	121136	8.277	ng	98
64) 4,6-Dinitro-2-methylphenol	10.84	198	460	5.682	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11649	3.180	ng	# 1
70) Phenanthrene	11.56	178	49232	3.097	ng	99
71) Anthracene	11.56	178	49232	3.022	ng	99
73) Di-n-butylphthalate	11.94	149	417645	25.472	ng	# 32
83) Bis(2-ethylhexyl)phthalate	14.04	149	356797	37.602	ng	# 53

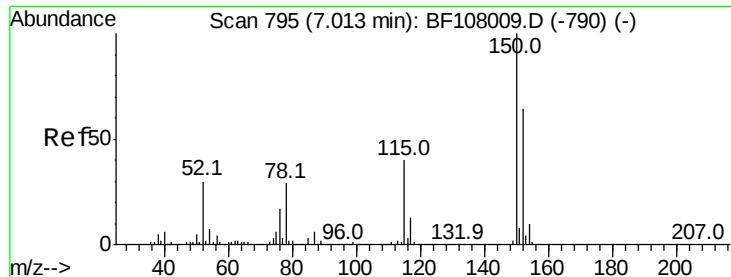
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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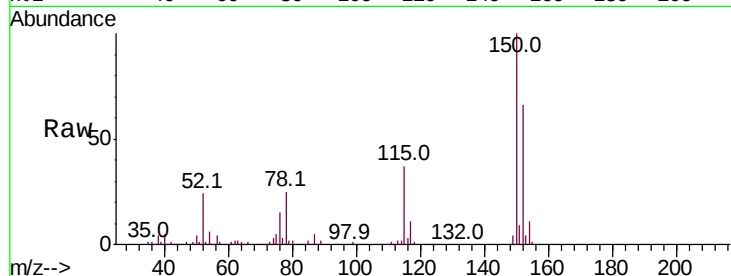


#1

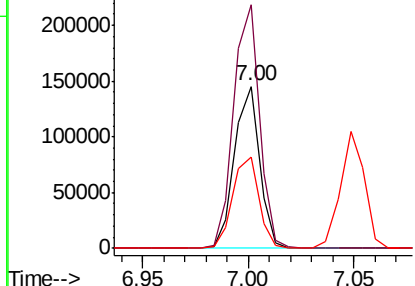
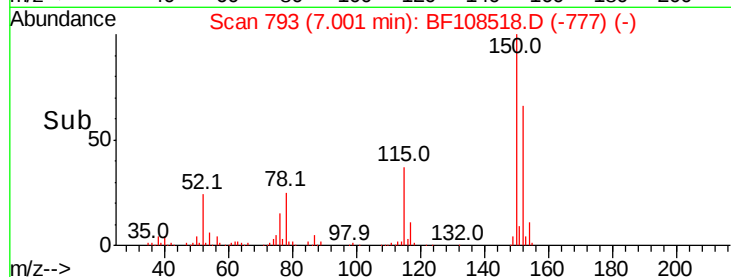
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.6	186.8
115	56.4	50.1	75.1



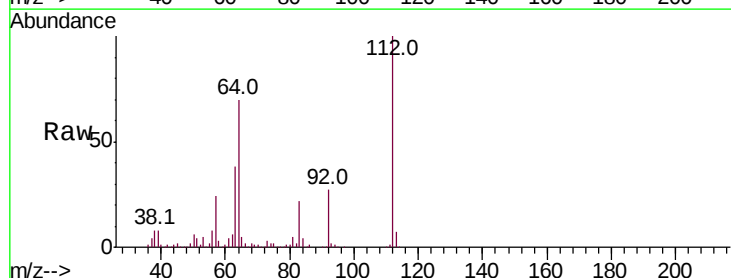
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



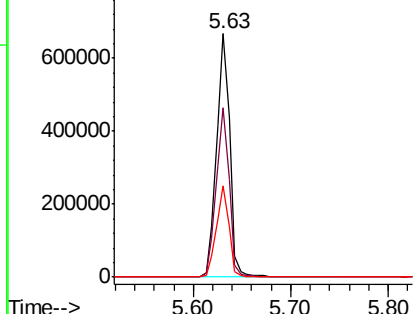
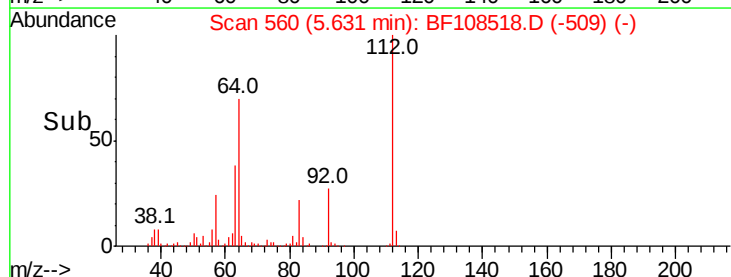
#5

2-Fluorophenol
Concen: 95.435 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	47.9	71.9
63	37.6	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: 99.506 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampled :

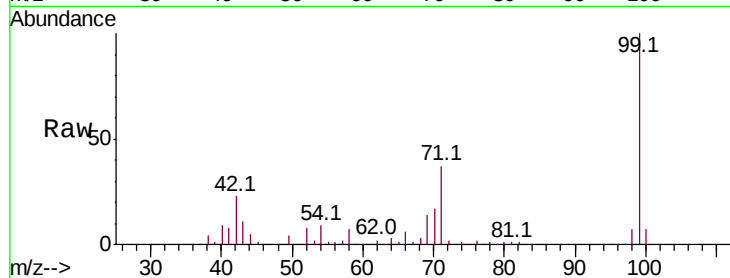
Tot Ion: 99 Resp: 869625

Ion Ratio Lower Upper

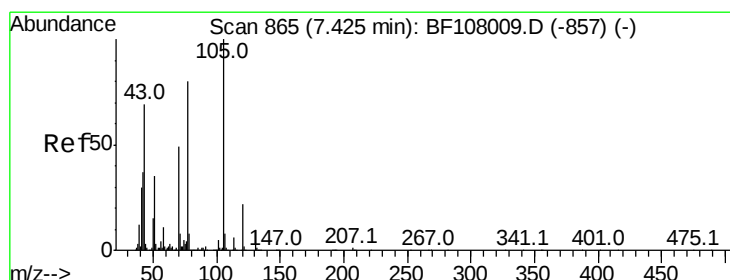
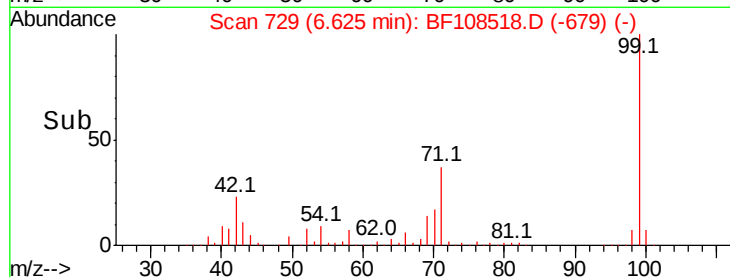
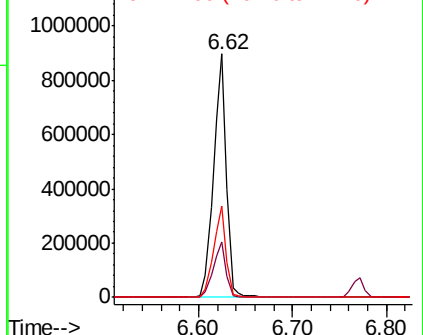
99 100

42 22.9 14.5 21.7#

71 37.3 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: 13.313 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Tgt Ion: 70 Resp: 78677

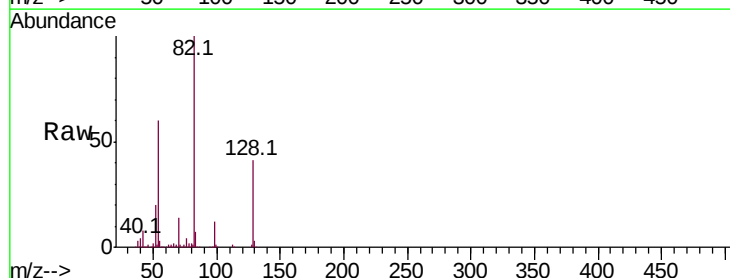
Ion Ratio Lower Upper

70 100

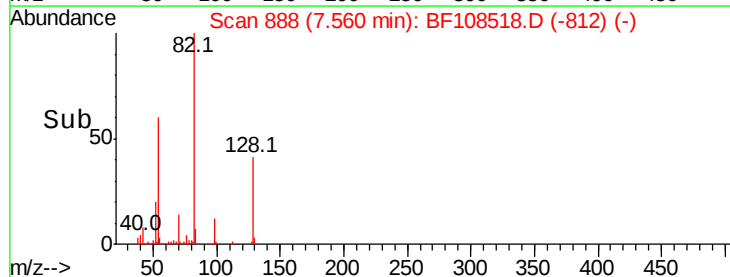
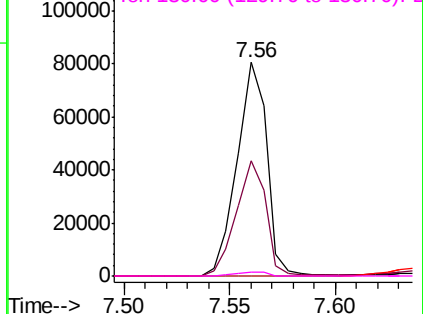
42 54.2 47.5 71.3

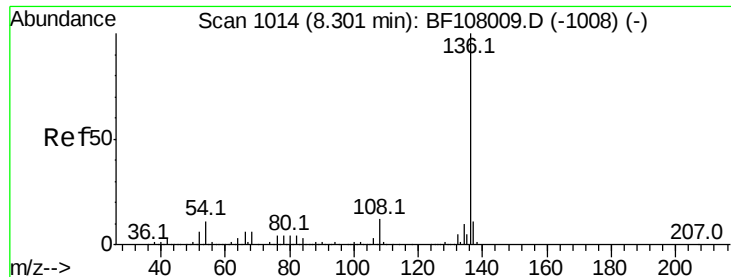
101 0.0 7.4 11.2#

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

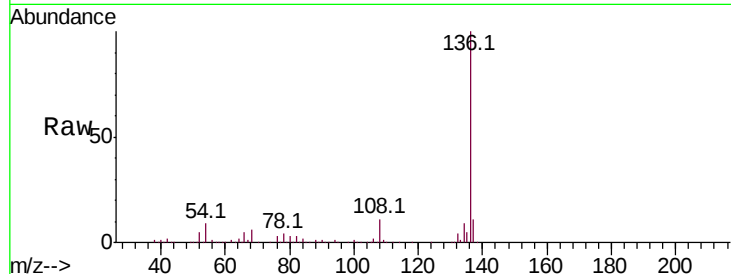




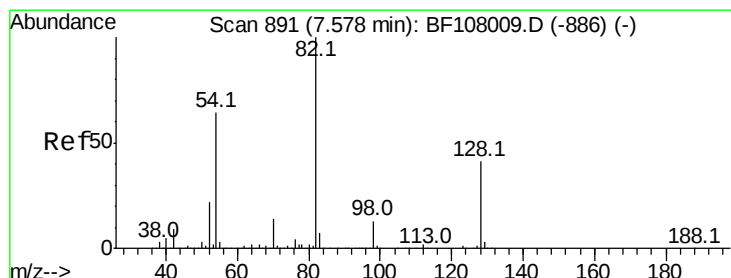
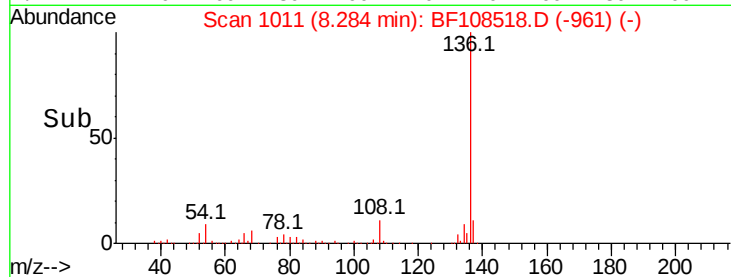
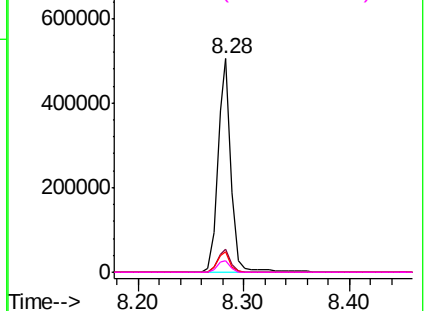
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	445045
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.3	6.6 9.8
68	5.5	5.0 7.4

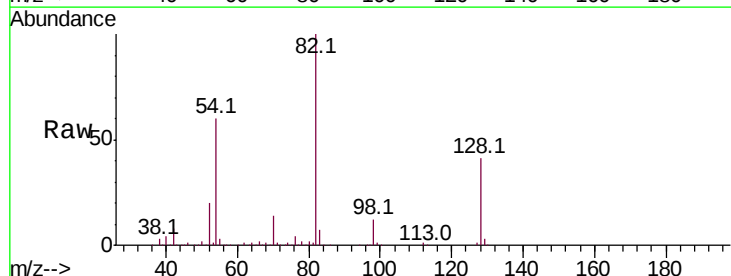


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

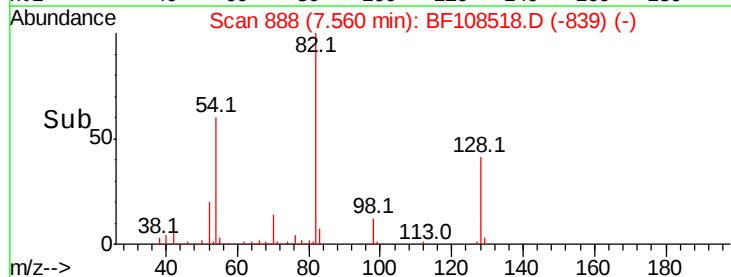
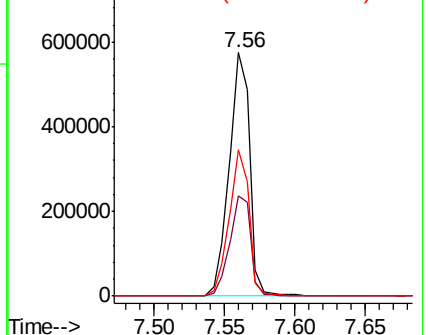


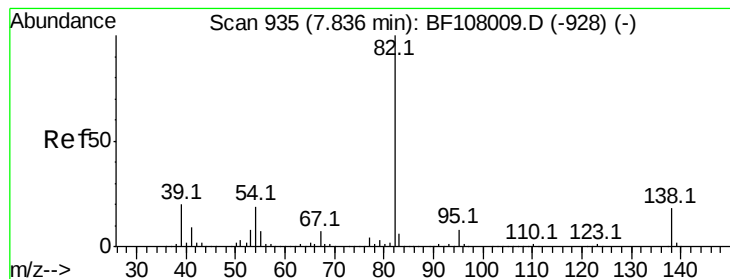
#23
Nitrobenzene-d5
Concen: 73.179 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Tgt Ion: 82	Resp:	583642
Ion Ratio	Lower	Upper
82	100	
128	40.9	36.1 54.1
54	59.8	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: 38.393 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampled :

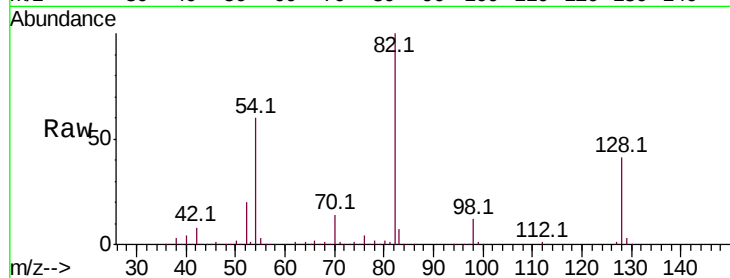
Tot Ion: 82 Resp: 583636

Ion Ratio Lower Upper

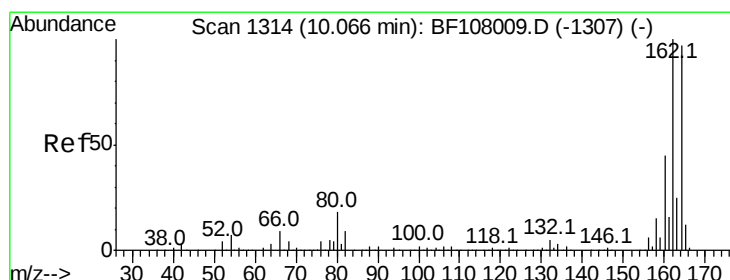
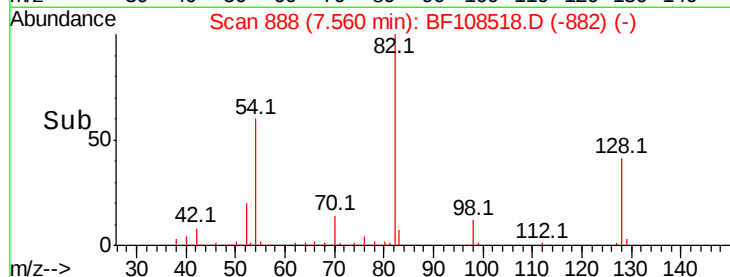
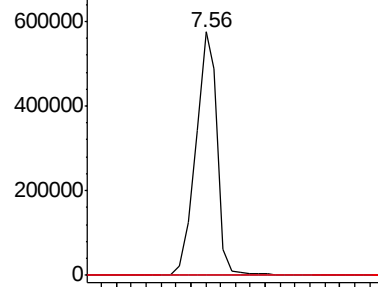
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

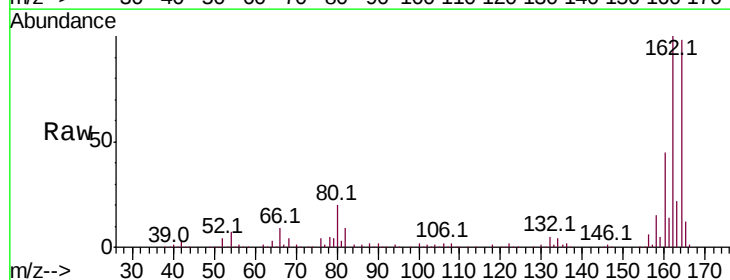
Tgt Ion:164 Resp: 210109

Ion Ratio Lower Upper

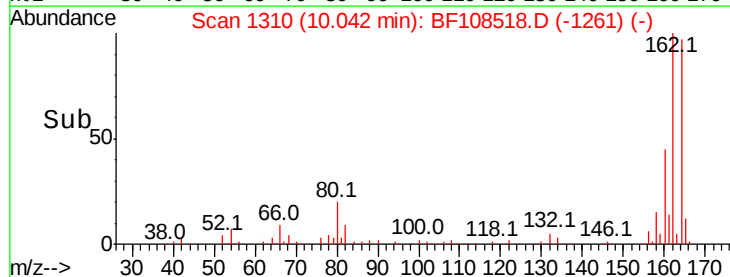
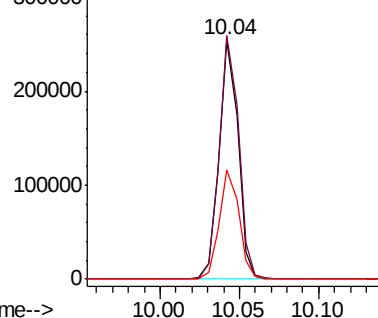
164 100

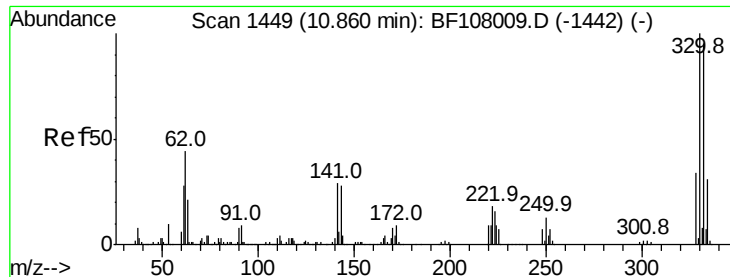
162 102.0 86.1 129.1

160 45.5 38.3 57.5



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

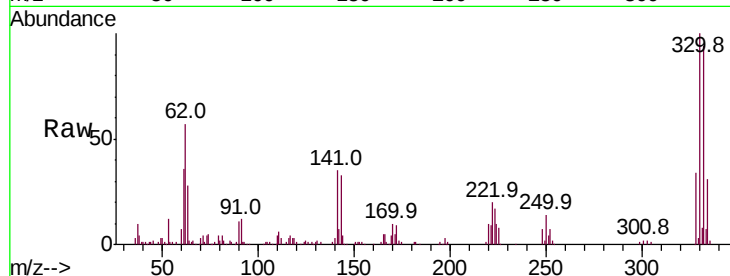




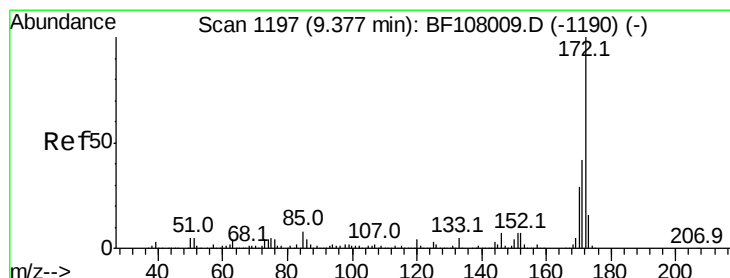
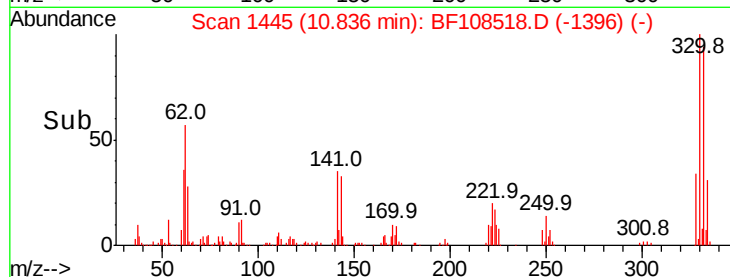
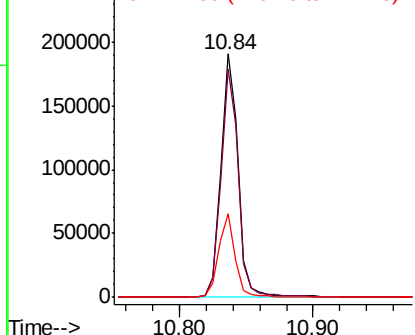
#41
 2,4,6-Tribromophenol
 Concen: 82.904 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 173749
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 33.2 29.9 44.9

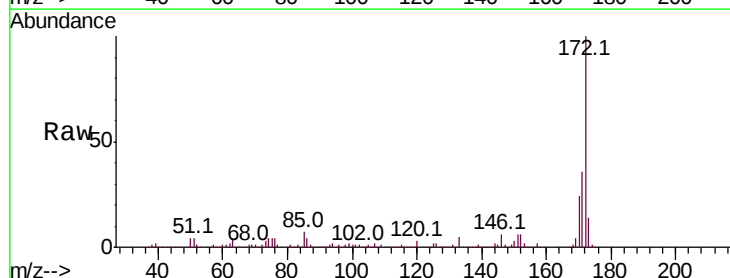


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

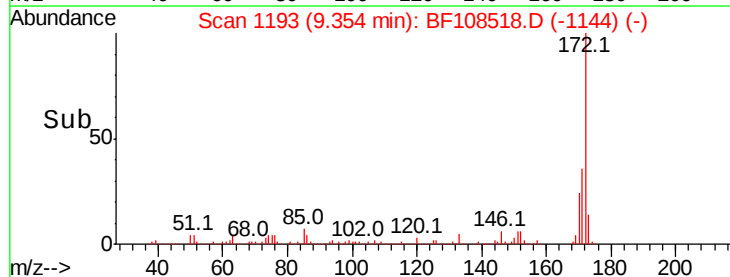
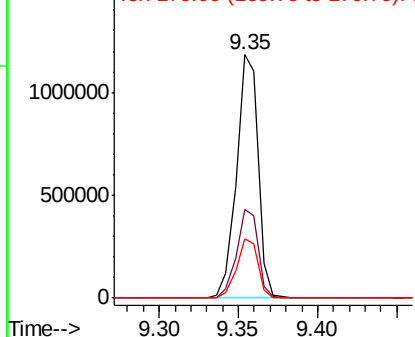


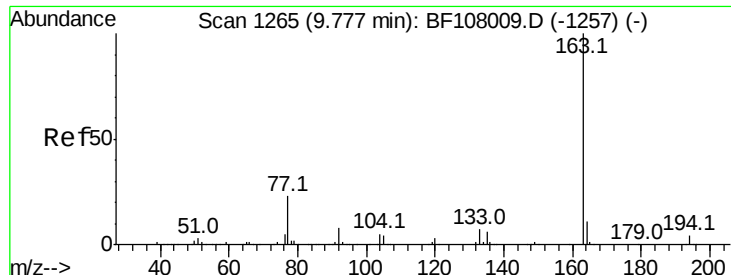
#44
 2-Fluorobiphenyl
 Concen: 85.728 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Tgt Ion:172 Resp: 1121924
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 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

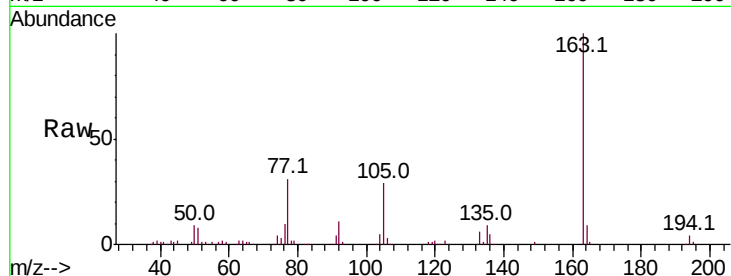




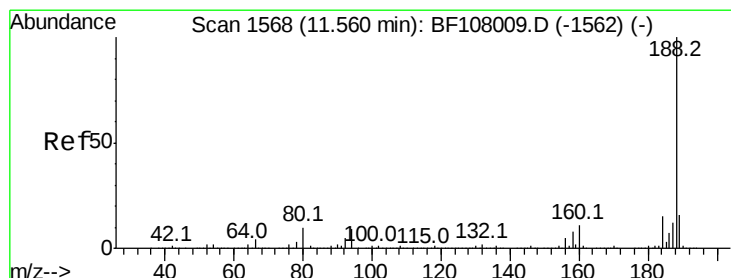
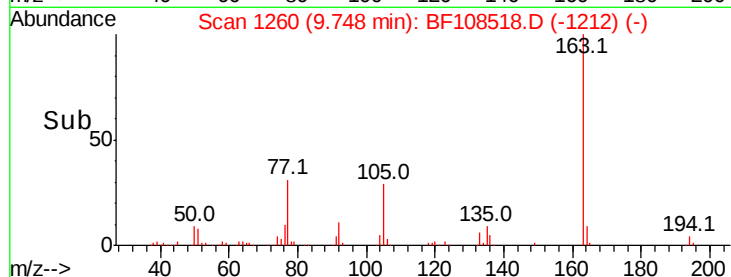
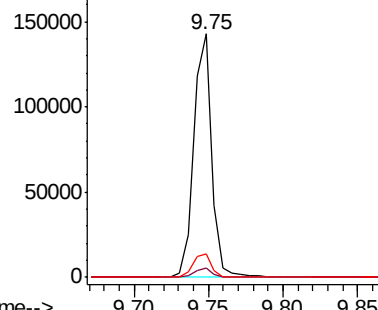
#49
Dimethylphthalate
Concen: 8.277 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.5	8.2	12.2

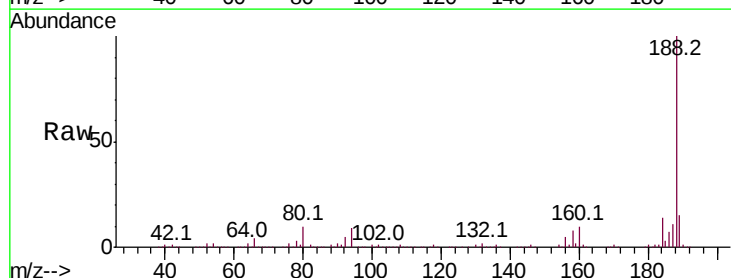


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

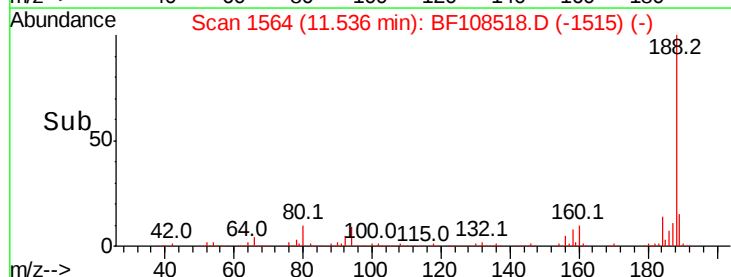
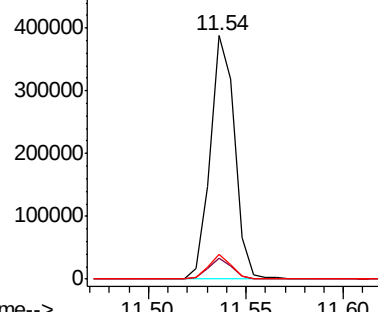


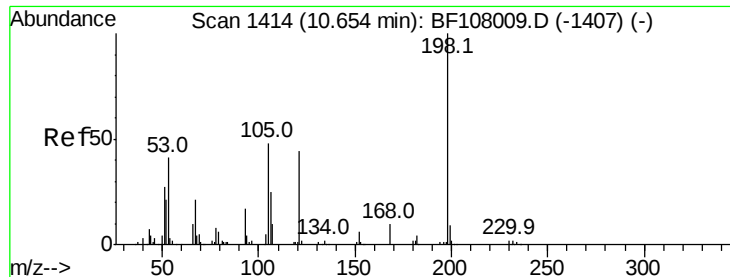
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	10.2	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: 5.682 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampled :

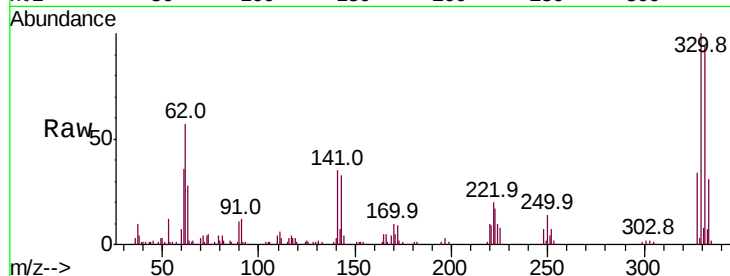
Tot Ion:198 Resp: 460

Ion Ratio Lower Upper

198 100

51 180.9 37.7 77.7#

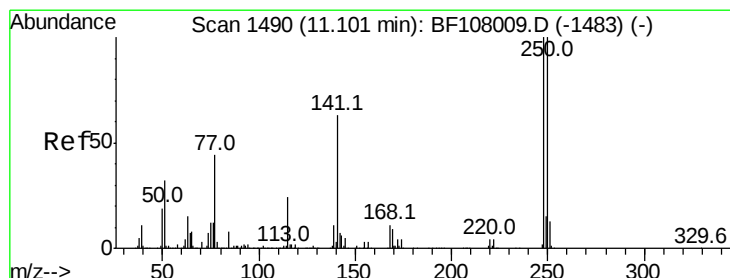
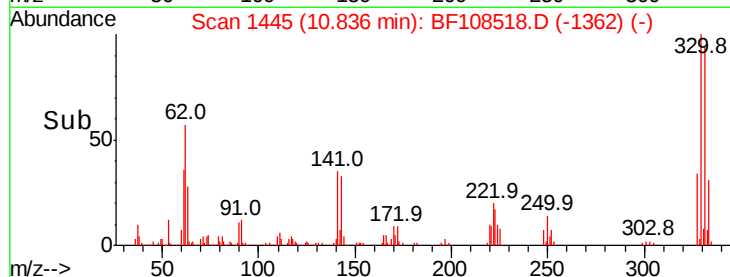
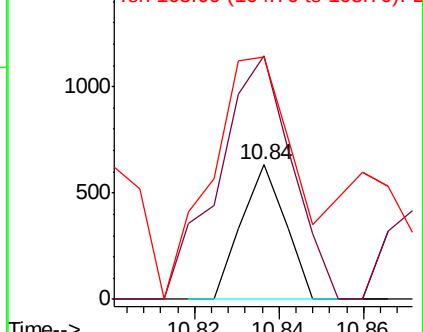
105 179.9 36.3 76.3#



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: 3.180 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

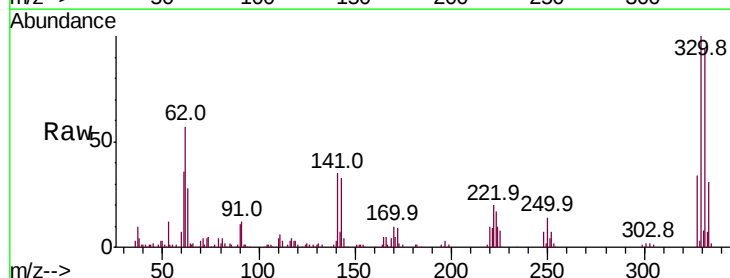
Tgt Ion:248 Resp: 11649

Ion Ratio Lower Upper

248 100

250 198.2 76.9 115.3#

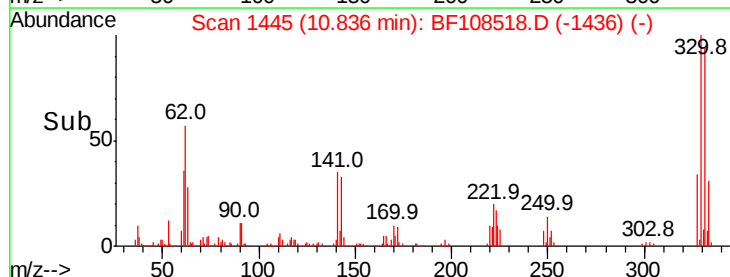
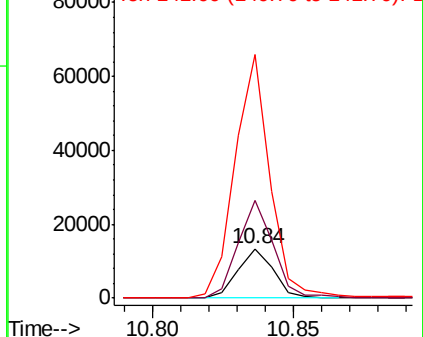
141 494.0 74.4 111.6#

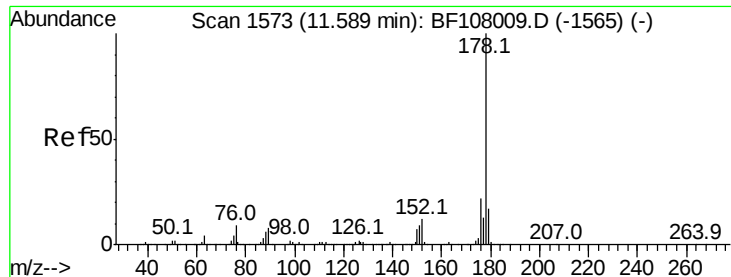


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 3.097 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampleId :

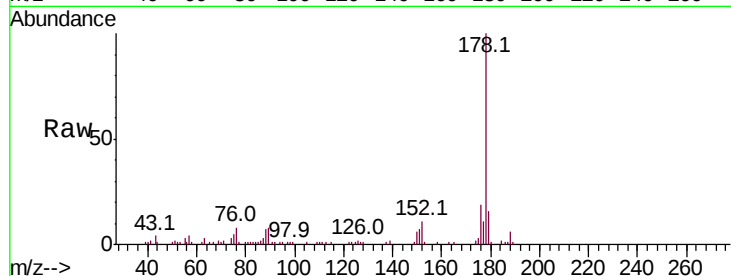
Tot Ion:178 Resp: 49232

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

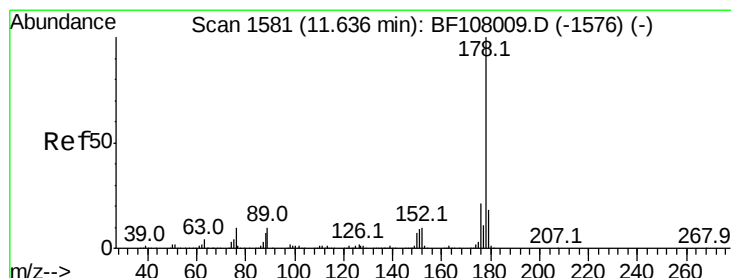
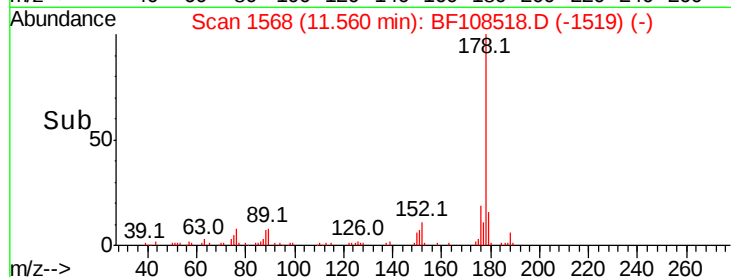
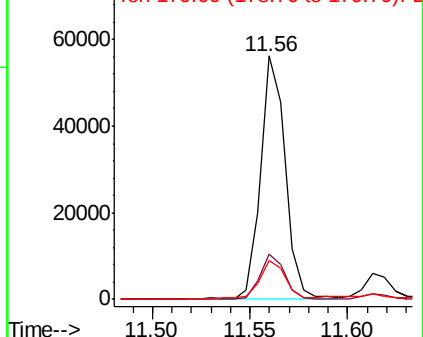
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.022 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.06 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

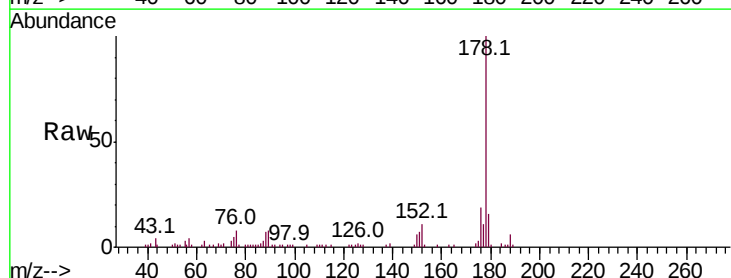
Tgt Ion:178 Resp: 49232

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

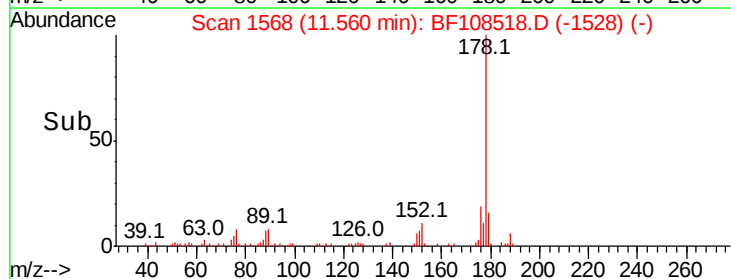
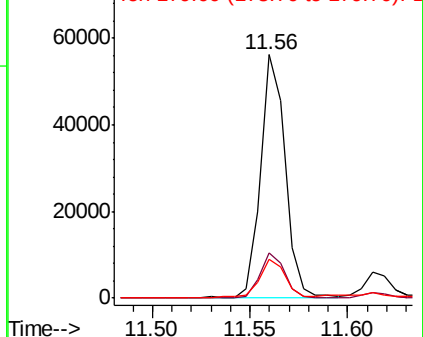
179 16.0 12.6 19.0

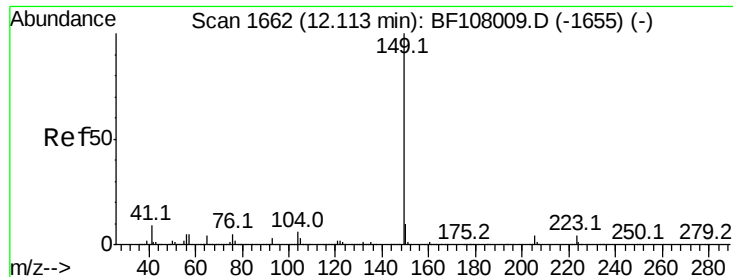


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 25.472 ng

RT: 11.94 min Scan# 1633

Delta R.T. -0.15 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

Instrument :

BNA_F

ClientSampleId :

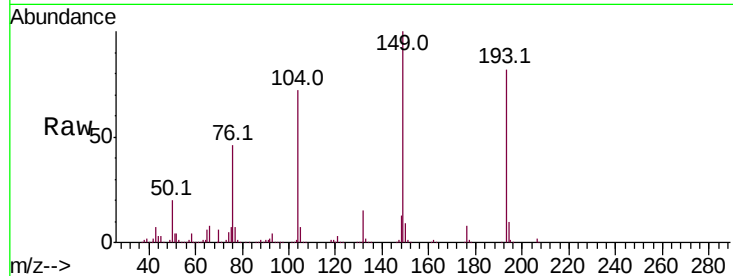
Tot Ion:149 Resp: 417645

Ion Ratio Lower Upper

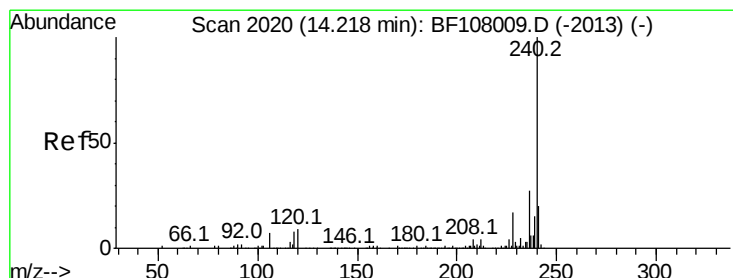
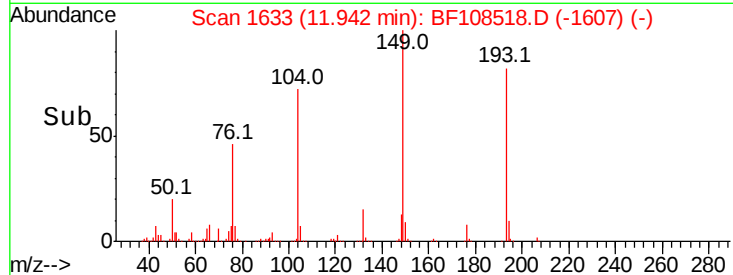
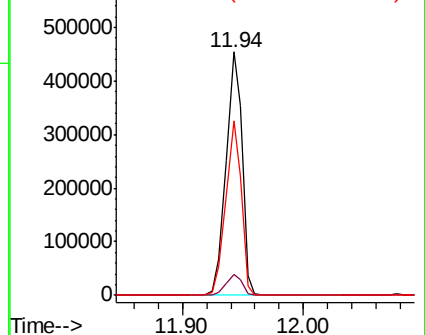
149 100

150 8.8 7.8 11.6

104 71.6 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108518.D

Acq: 27 Aug 2018 18:42

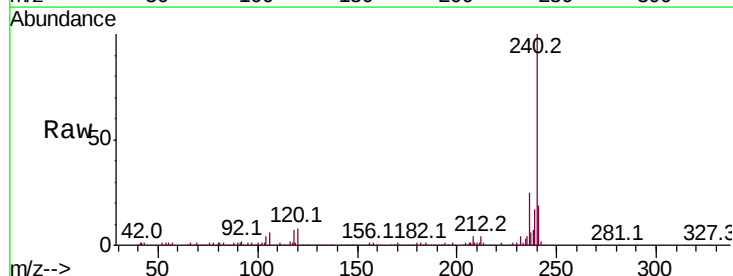
Tgt Ion:240 Resp: 278725

Ion Ratio Lower Upper

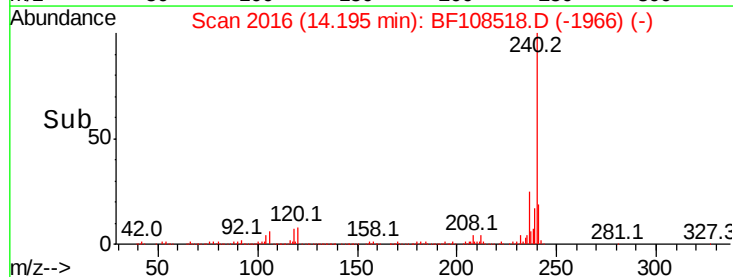
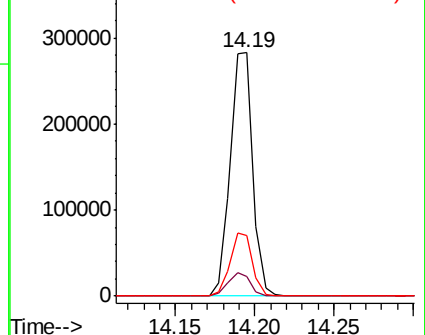
240 100

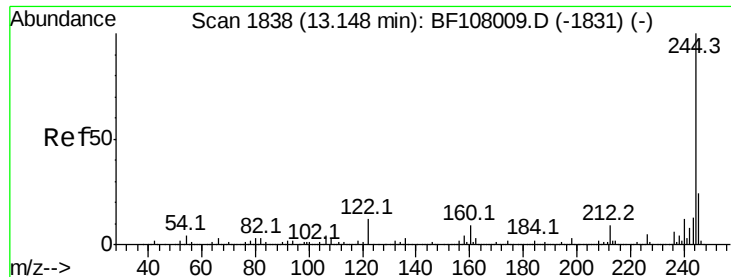
120 8.2 9.5 14.3#

236 25.1 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

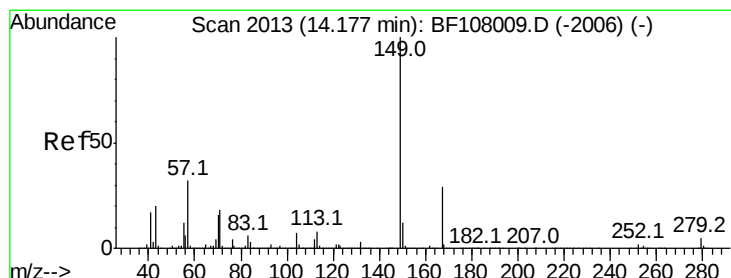
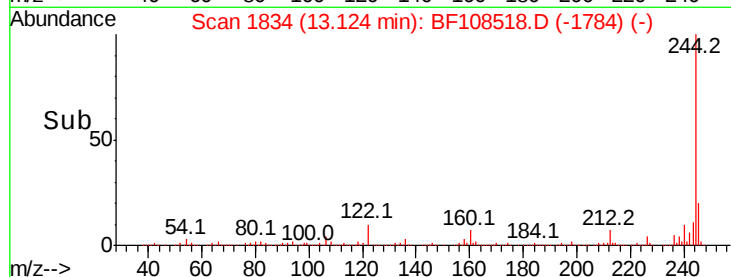
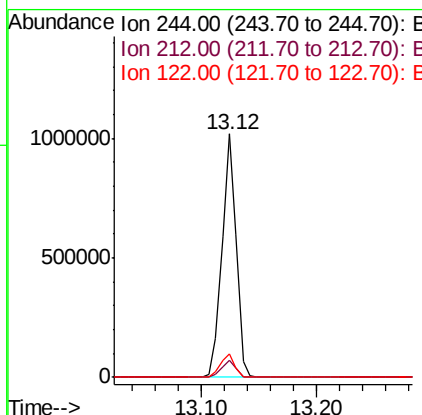
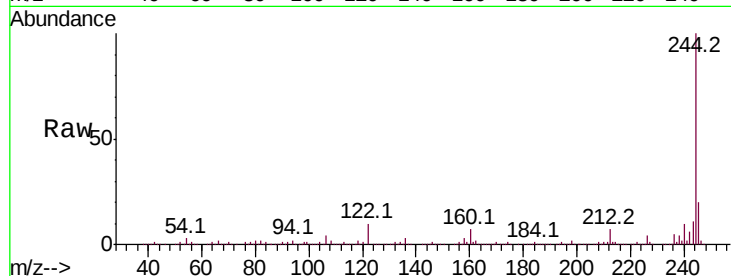




#78
 Terphenyl-d14
 Concen: 79.175 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

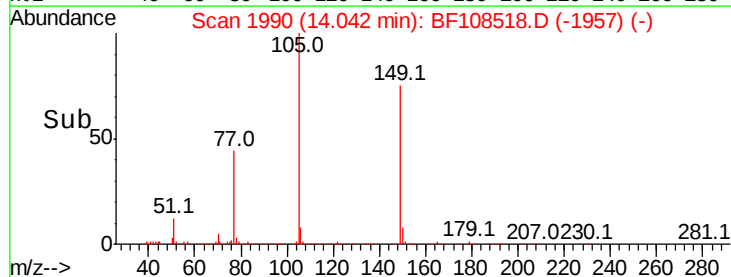
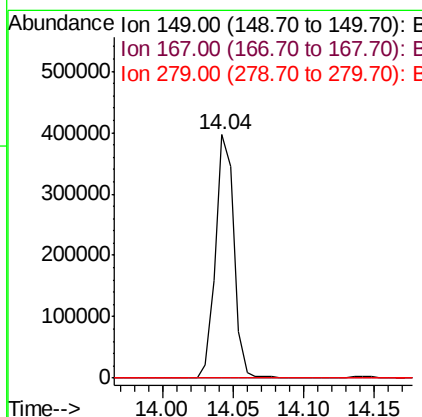
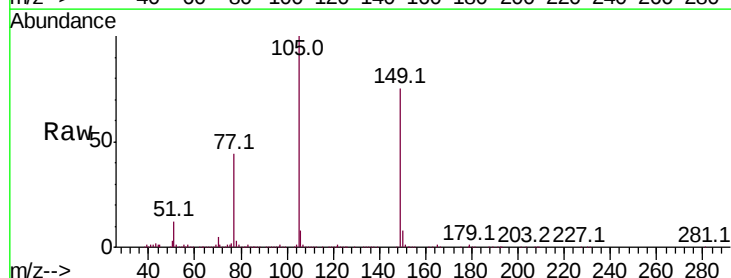
Instrument :
 BNA_F
 ClientSampleId :

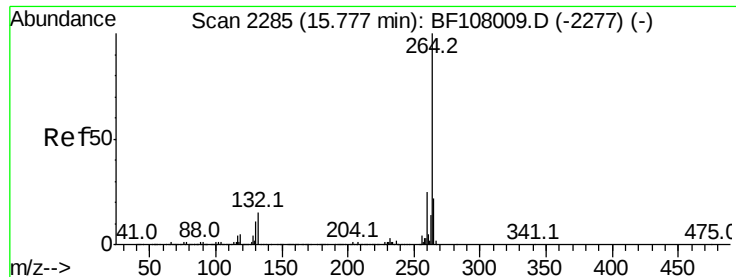
Tot Ion:244 Resp: 867941
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.7 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.602 ng
 RT: 14.04 min Scan# 1990
 Delta R.T. -0.11 min
 Lab File: BF108518.D
 Acq: 27 Aug 2018 18:42

Tgt Ion:149 Resp: 356797
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.3 31.9#
 279 0.0 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108518.D
Acq: 27 Aug 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.5	26.3

