

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108522.D
 Acq On : 27 Aug 2018 20:30
 Operator : JU/SJ
 Sample : J4656-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:37:01 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

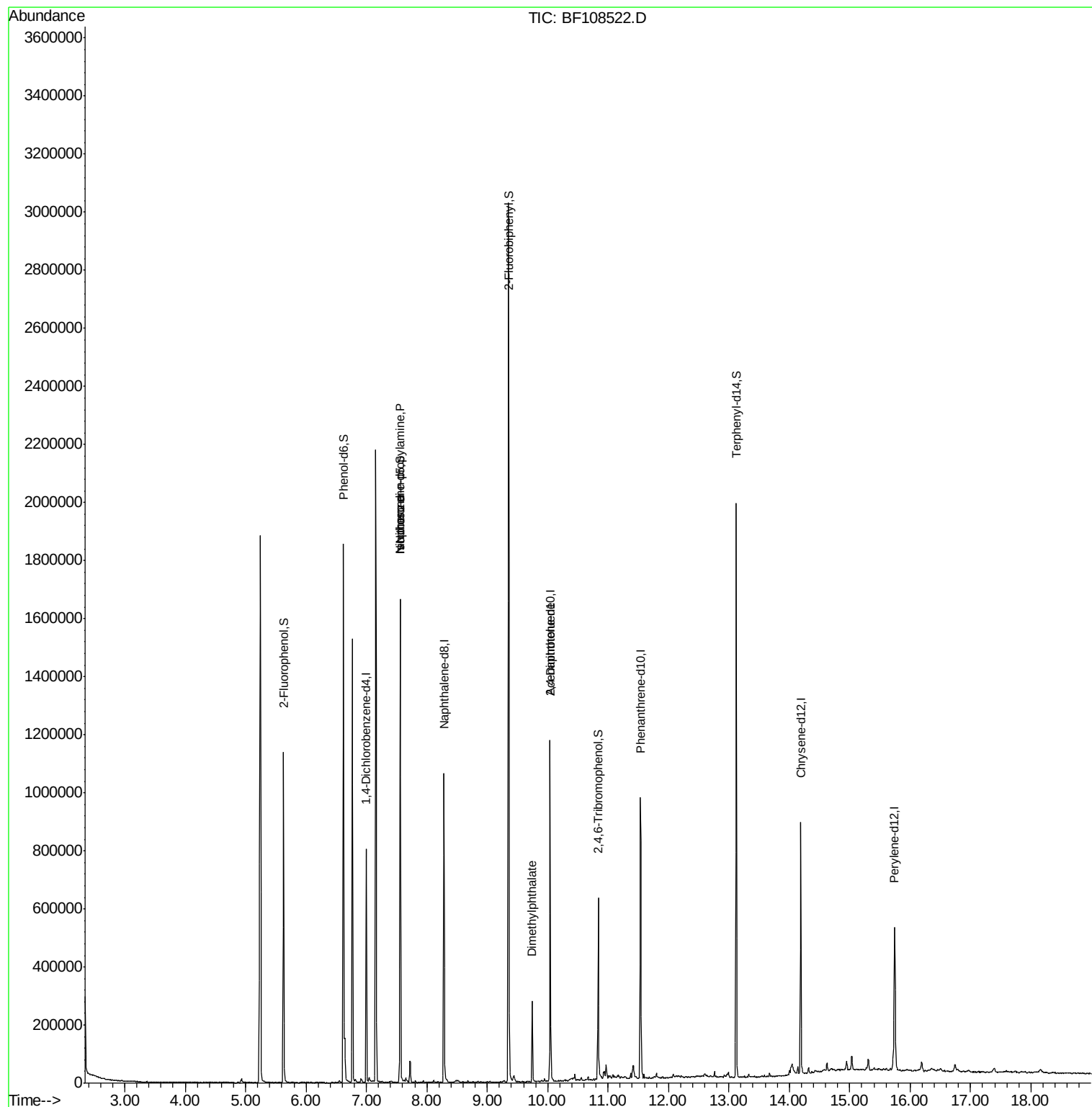
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	118672	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	457129	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	220481	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	364804	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	280256	20.00	ng	-0.01
86) Perylene-d12	15.74	264	260245	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	270034	41.20	ng	0.00
7) Phenol-d6	6.62	99	553536	63.55	ng	-0.01
23) Nitrobenzene-d5	7.56	82	519199	63.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	80927	36.80	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	903897	65.82	ng	-0.01
78) Terphenyl-d14	13.12	244	706904	64.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	69678	11.829	ng	# 83
25) Isophorone	7.56	82	519194	33.251	ng	# 64
49) Dimethylphthalate	9.74	163	111515	7.261	ng	99
56) 2,4-Dinitrotoluene	10.04	165	27644	6.684	ng	# 23

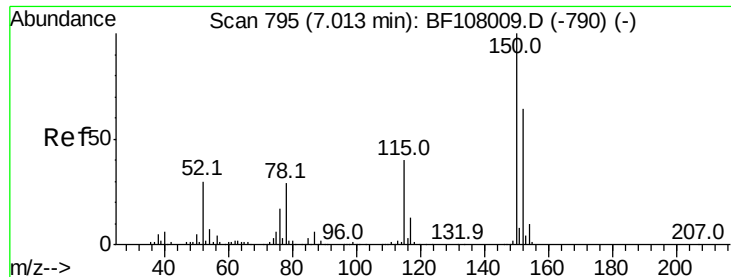
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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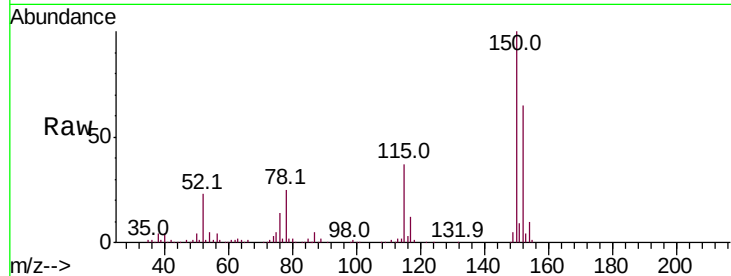


#1

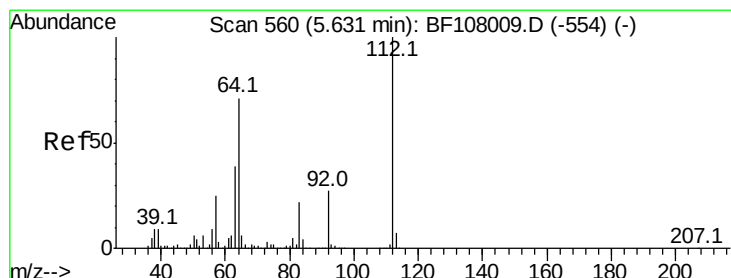
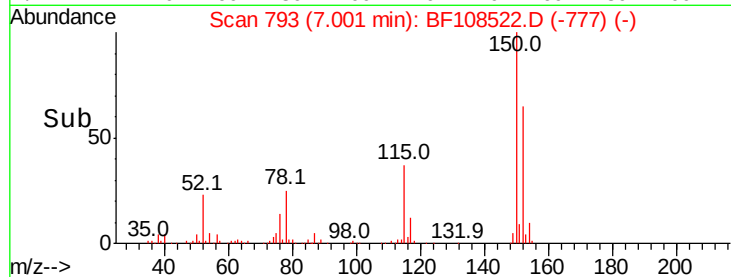
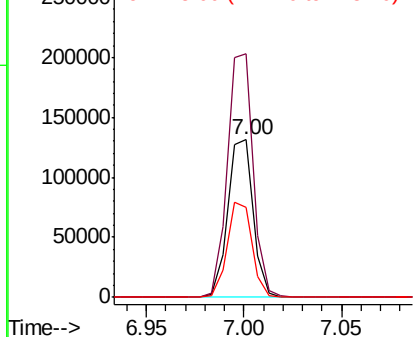
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108522.D
Acq: 27 Aug 2018 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118672
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 57.2 50.1 75.1



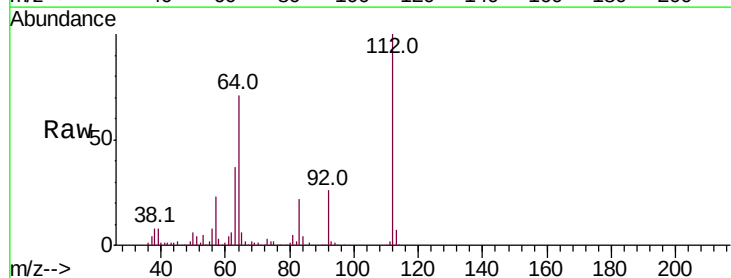
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



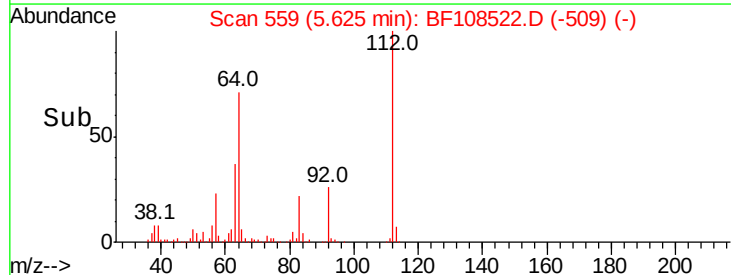
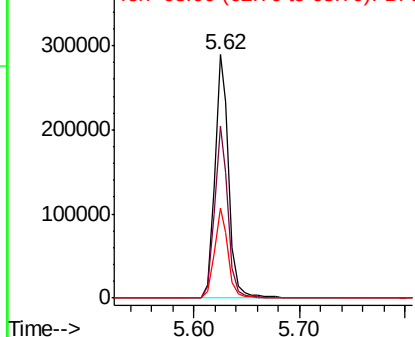
#5

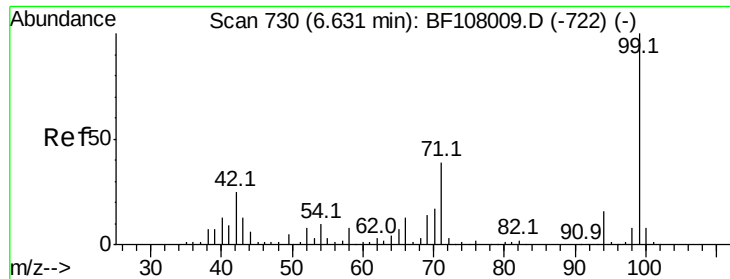
2-Fluorophenol
Concen: 41.196 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108522.D
Acq: 27 Aug 2018 20:30

Tgt Ion:112 Resp: 270034
Ion Ratio Lower Upper
112 100
64 70.6 47.9 71.9
63 37.2 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: 63.548 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108522.D

Acq: 27 Aug 2018 20:30

Instrument :

BNA_F

ClientSampleId :

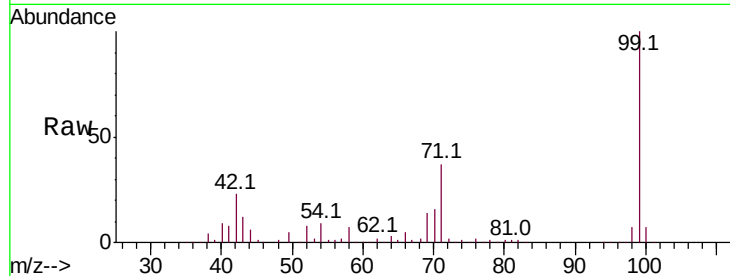
Tot Ion: 99 Resp: 553536

Ion Ratio Lower Upper

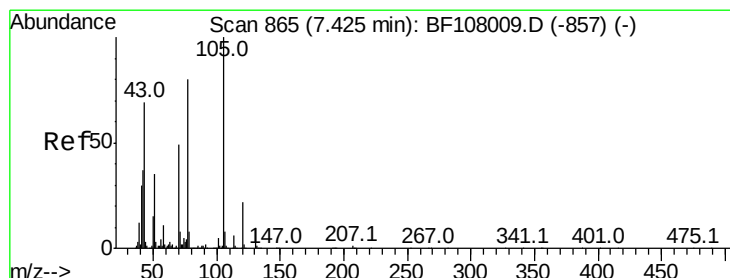
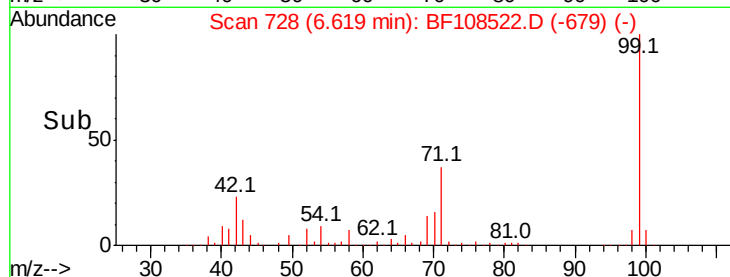
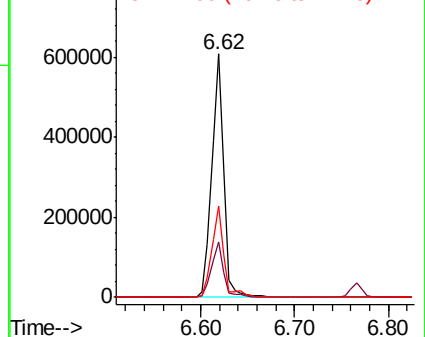
99 100

42 22.8 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: 11.829 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108522.D

Acq: 27 Aug 2018 20:30

Tgt Ion: 70 Resp: 69678

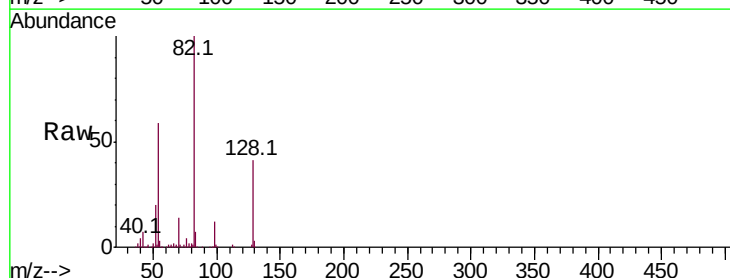
Ion Ratio Lower Upper

70 100

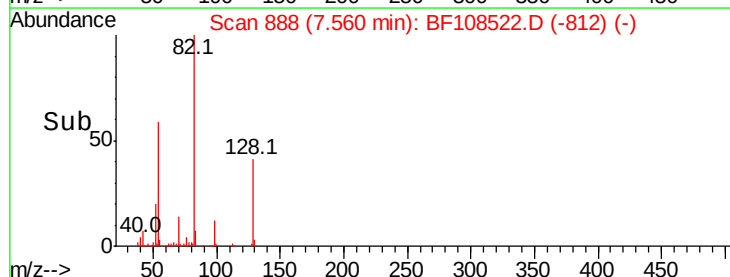
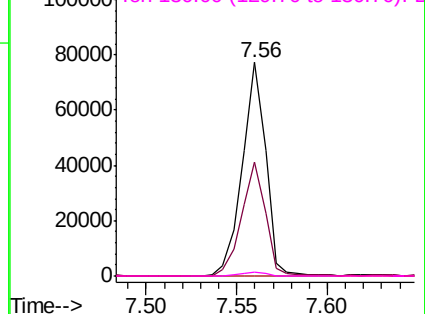
42 53.4 47.5 71.3

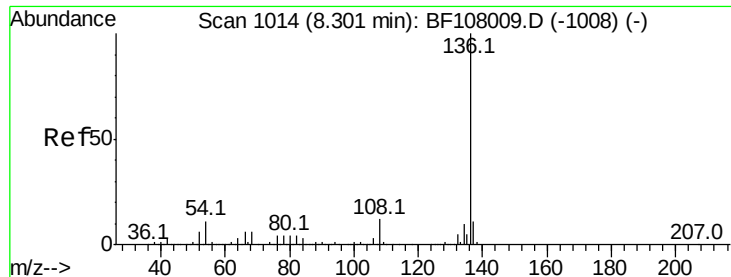
101 0.0 7.4 11.2#

130 2.0 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

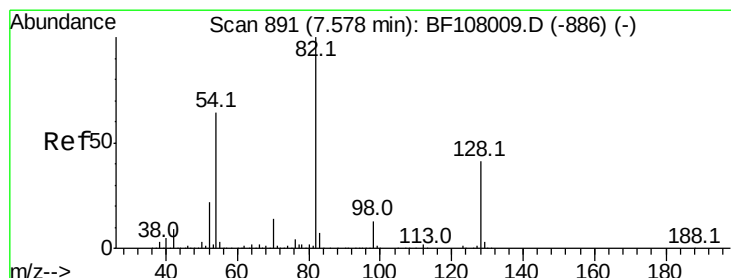
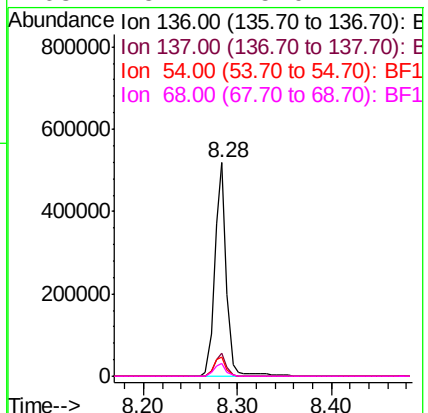
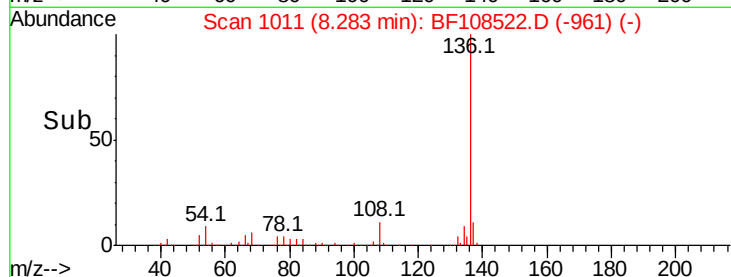
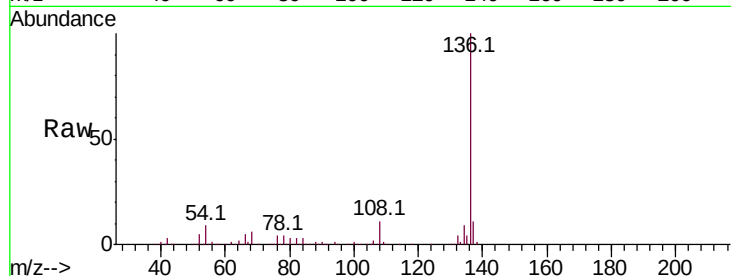




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108522.D
Acq: 27 Aug 2018 20:30

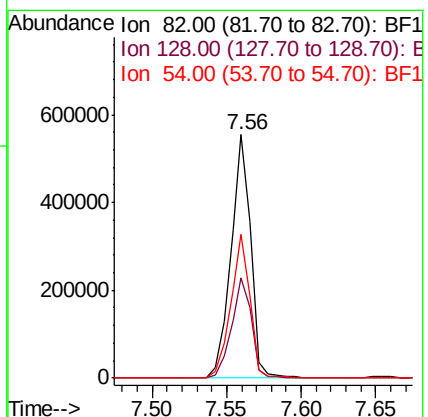
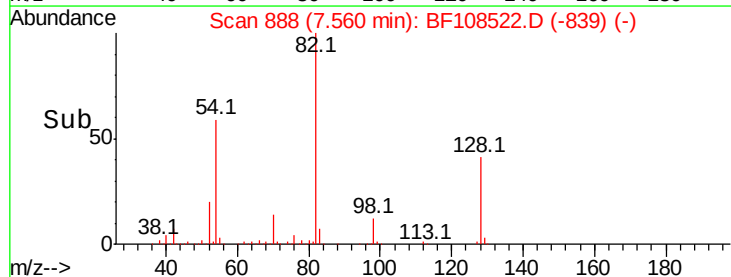
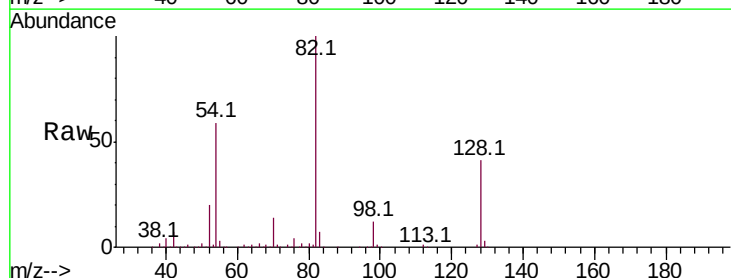
Instrument :
BNA_F
ClientSampleId :

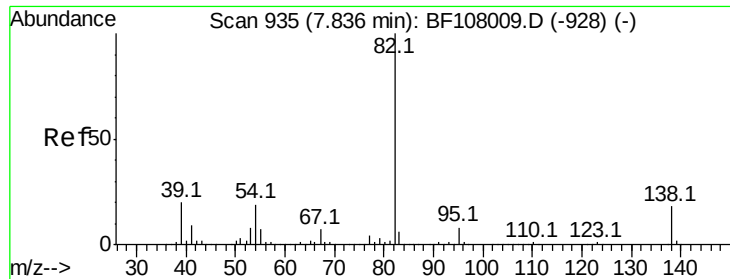
Tot Ion:136	Resp:	457129
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	9.2	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 63.378 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108522.D
Acq: 27 Aug 2018 20:30

Tgt Ion: 82	Resp:	519199
Ion	Ratio	Lower Upper
82	100	
128	41.2	36.1 54.1
54	59.0	41.4 62.2





#25

Isophorone

Concen: 33.251 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108522.D

Acq: 27 Aug 2018 20:30

Instrument :

BNA_F

ClientSampled :

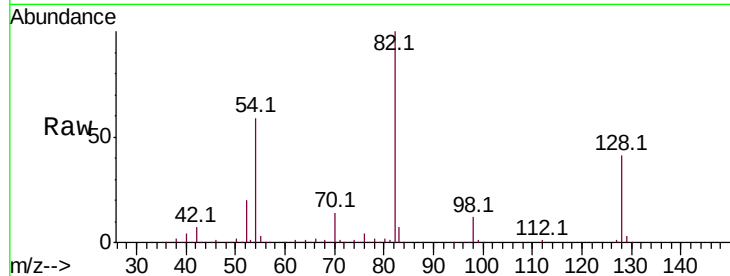
Tot Ion: 82 Resp: 519194

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

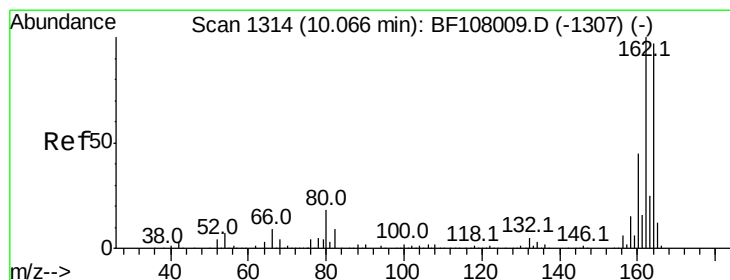
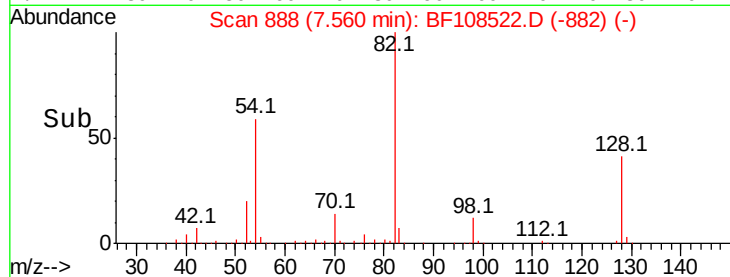
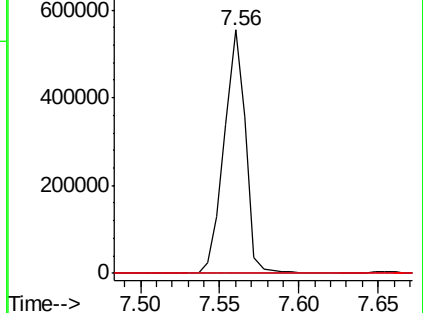
138 0.0 14.9 22.3#



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): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108522.D

Acq: 27 Aug 2018 20:30

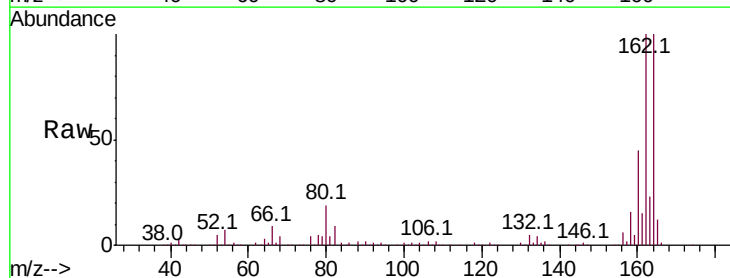
Tgt Ion: 164 Resp: 220481

Ion Ratio Lower Upper

164 100

162 100.0 86.1 129.1

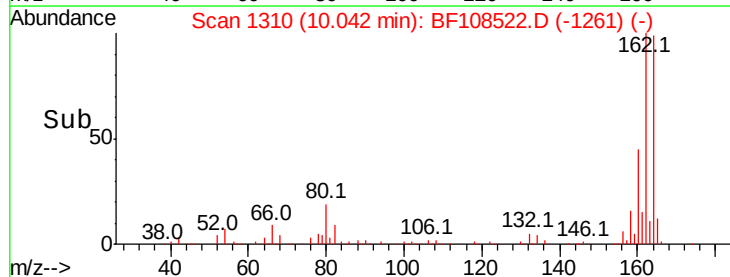
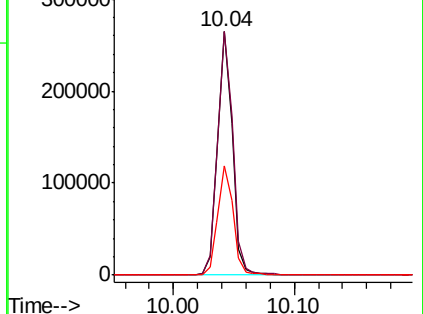
160 45.1 38.3 57.5

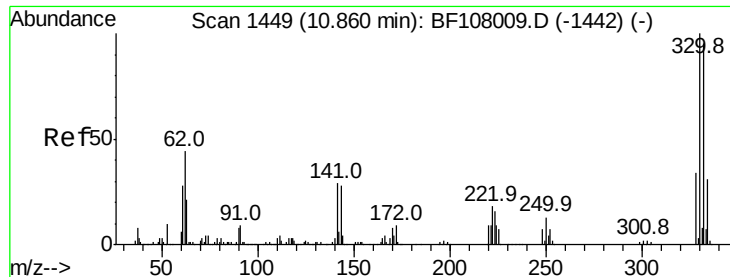


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

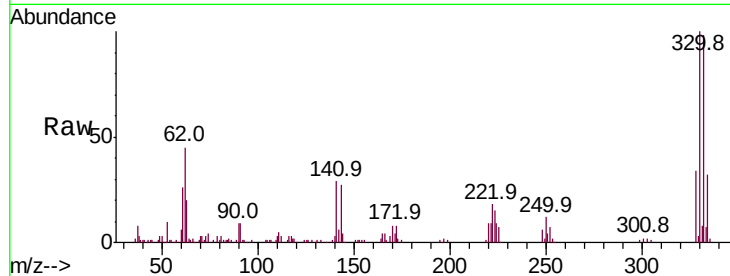




#41
 2,4,6-Tribromophenol
 Concen: 36.798 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108522.D
 Acq: 27 Aug 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.9	29.9	44.9

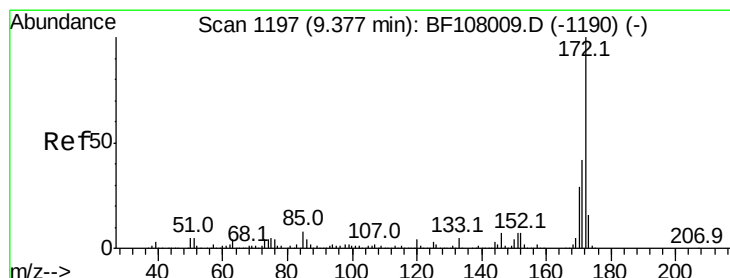
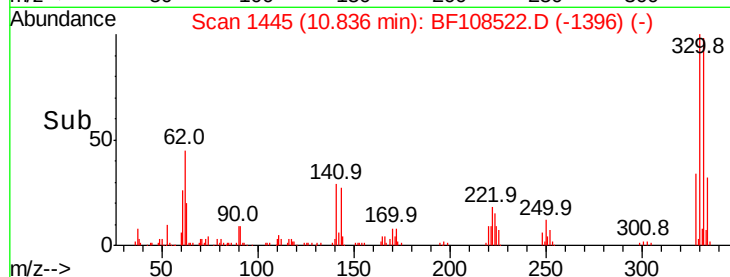
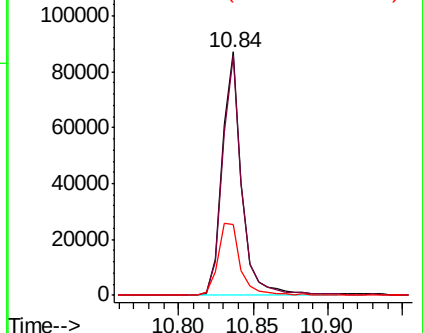


Abundance

Ion 329.80 (329.50 to 330.50): E

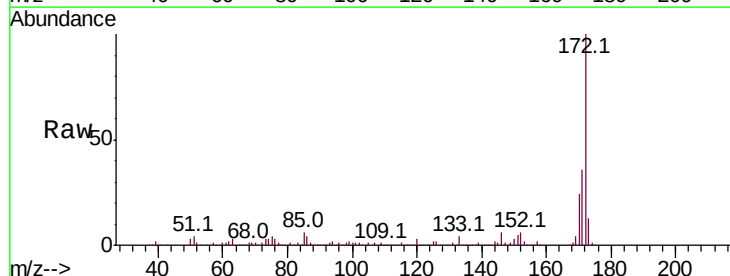
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.819 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108522.D
 Acq: 27 Aug 2018 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

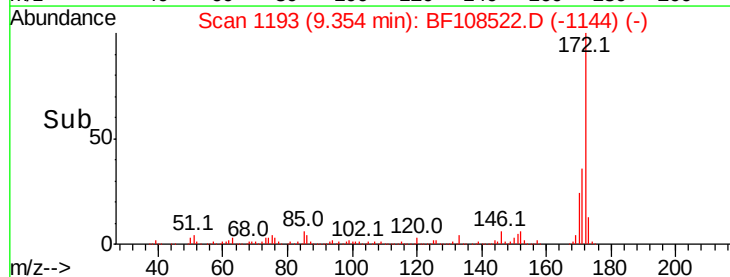
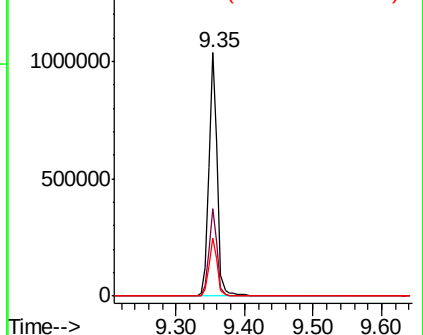


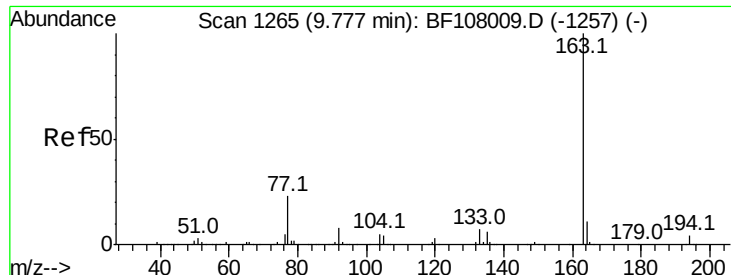
Abundance

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

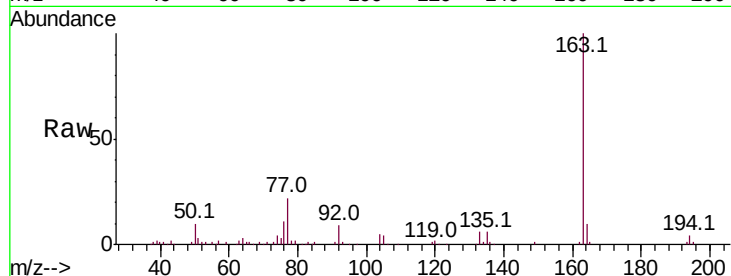




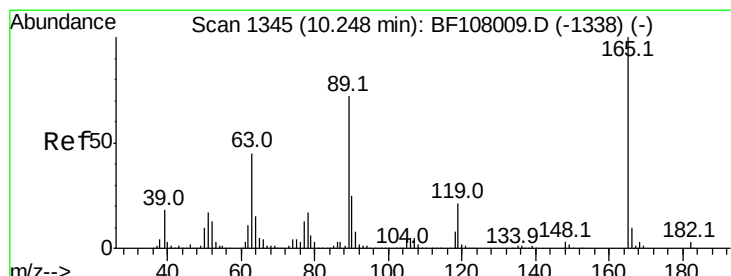
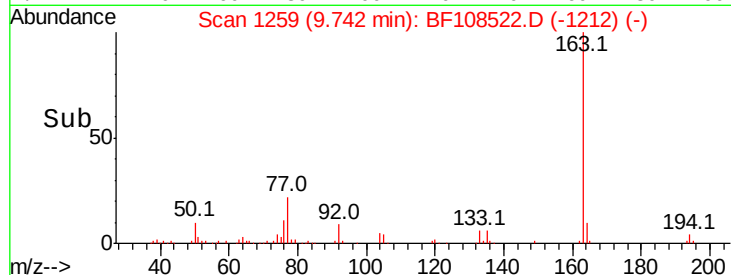
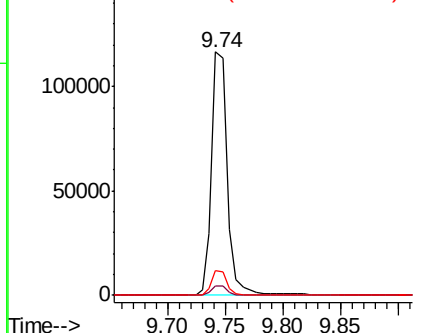
#49
 Dimethylphthalate
 Concen: 7.261 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108522.D
 Acq: 27 Aug 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2



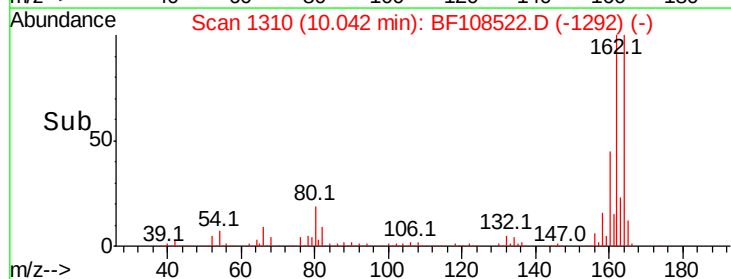
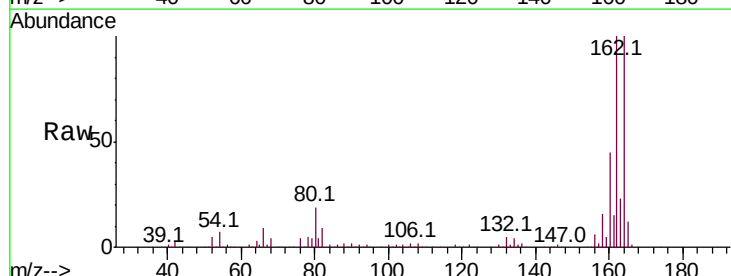
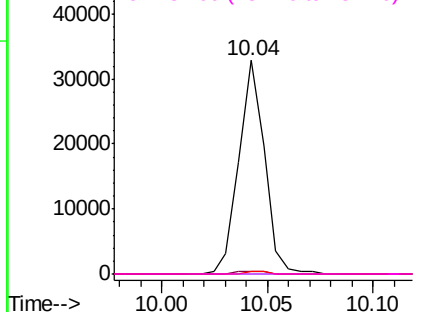
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

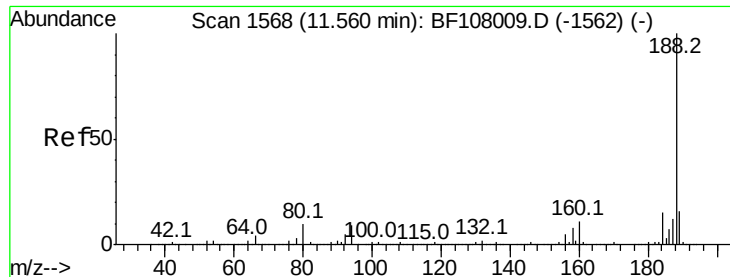


#56
 2,4-Dinitrotoluene
 Concen: 6.684 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108522.D
 Acq: 27 Aug 2018 20:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.1	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

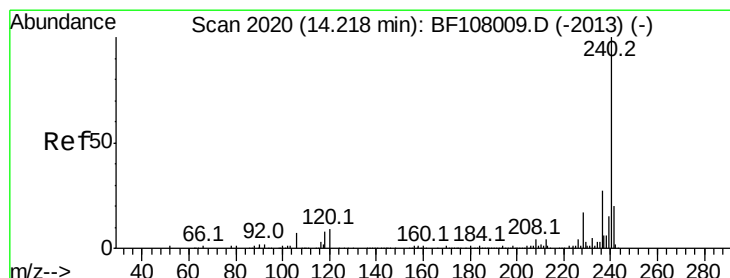
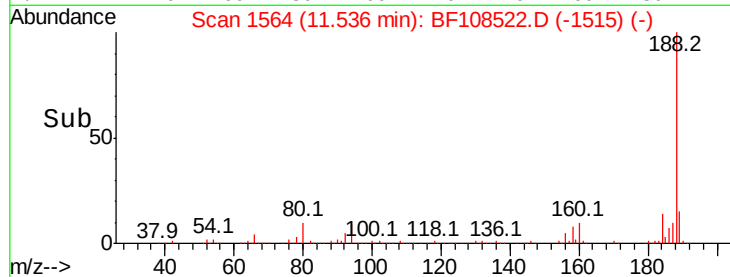
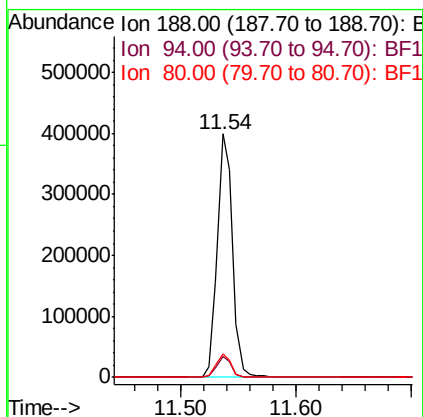
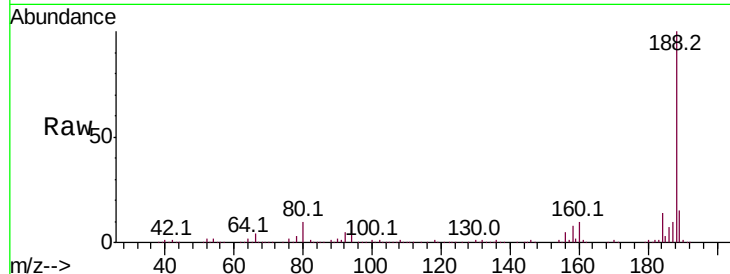




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108522.D
Acq: 27 Aug 2018 20:30

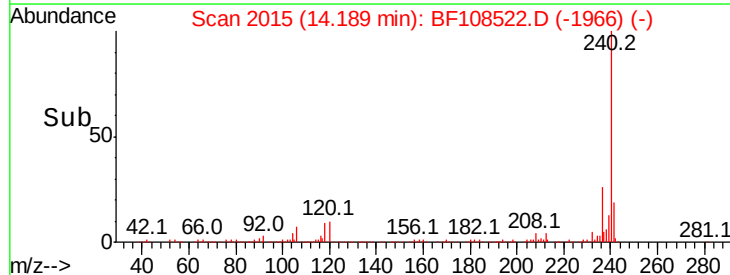
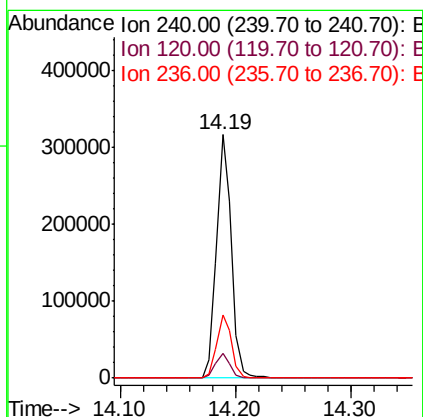
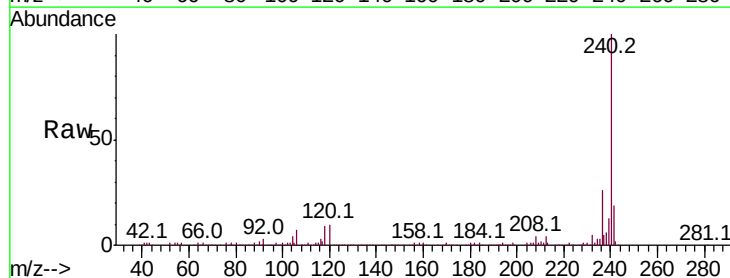
Instrument :
BNA_F
ClientSampled :

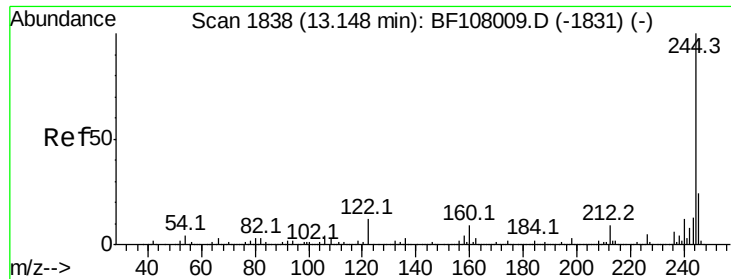
Tot Ion:188 Resp: 364804
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108522.D
Acq: 27 Aug 2018 20:30

Tgt Ion:240 Resp: 280256
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.0 20.7 31.1

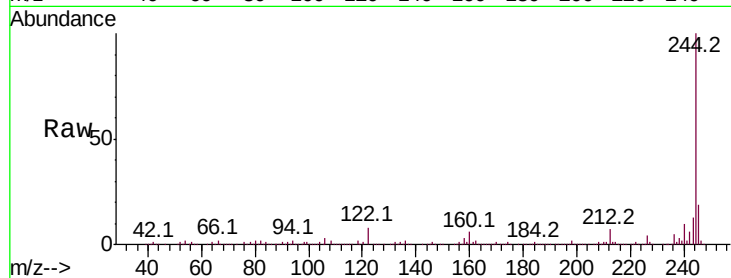




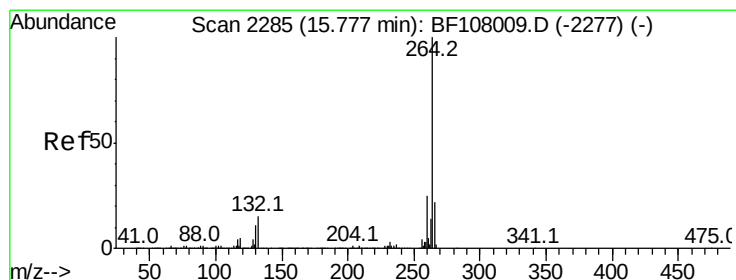
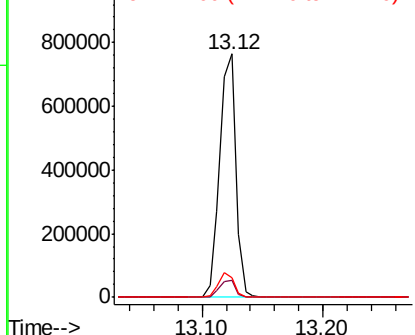
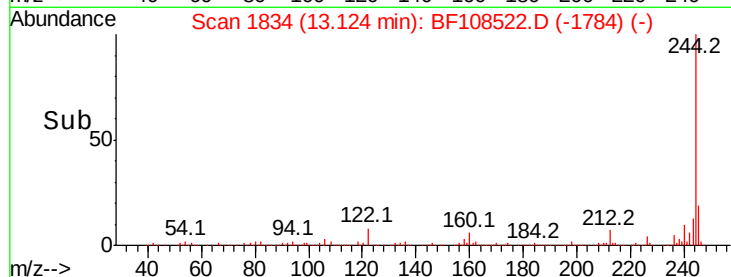
#78
 Terphenyl-d14
 Concen: 64.133 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108522.D
 Acq: 27 Aug 2018 20:30

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 706904
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 8.2 11.0 16.4#

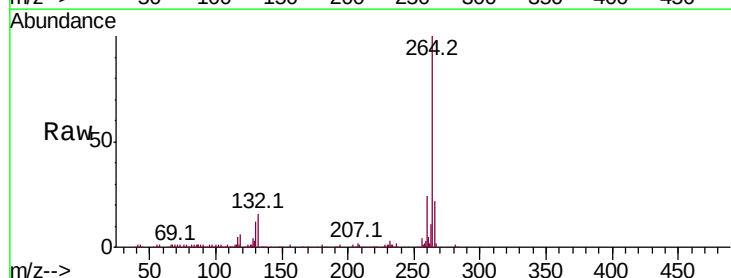


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108522.D
 Acq: 27 Aug 2018 20:30

Tgt Ion:264 Resp: 260245
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 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

