

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108508.D
 Acq On : 27 Aug 2018 14:15
 Operator : JU/SJ
 Sample : J4646-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-B7

Quant Time: Aug 27 14:58:36 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

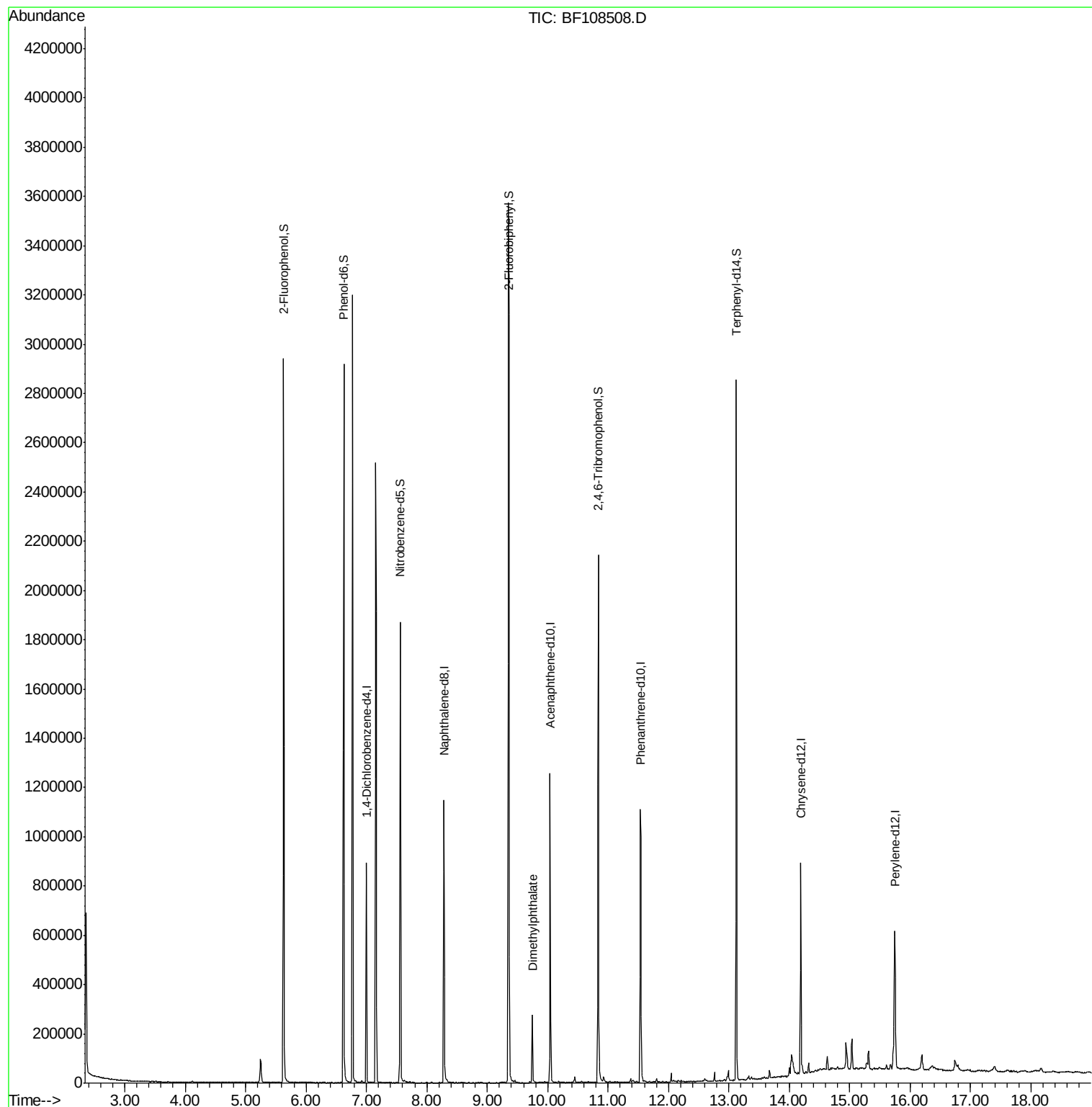
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	127977	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	494375	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	244895	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	423063	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	291149	20.00	ng	-0.01
86) Perylene-d12	15.75	264	286429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	701084	99.18	ng	0.00
7) Phenol-d6	6.62	99	943254	100.42	ng	0.00
23) Nitrobenzene-d5	7.56	82	629097	71.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	253130	103.62	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1165529	76.41	ng	-0.01
78) Terphenyl-d14	13.12	244	897254	78.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	122154	7.161	ng	Qvalue # 99

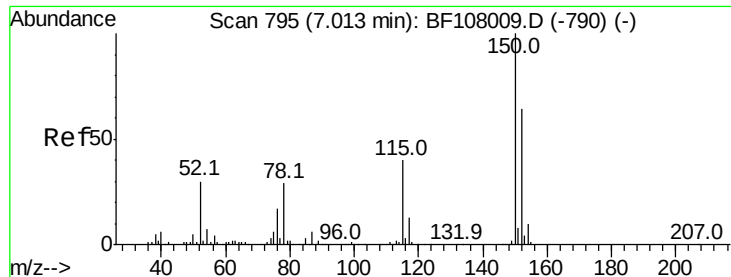
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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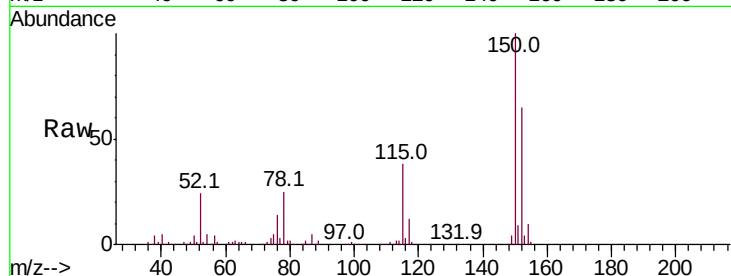


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-B7

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.8	50.1	75.1

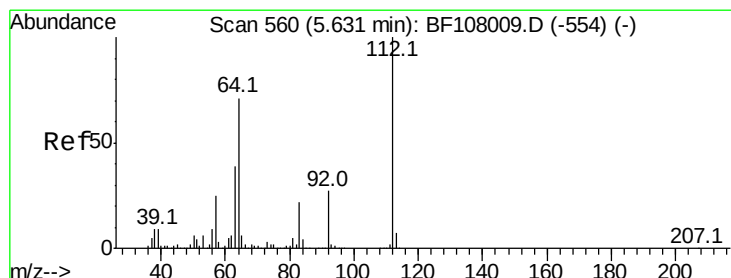
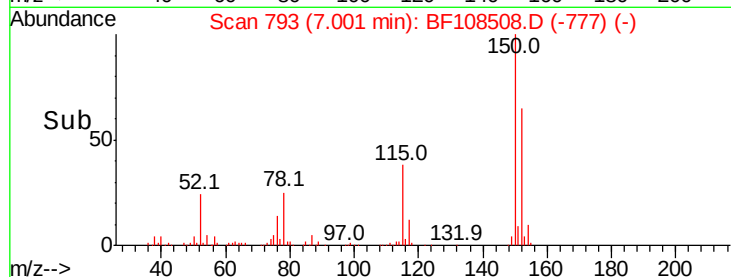
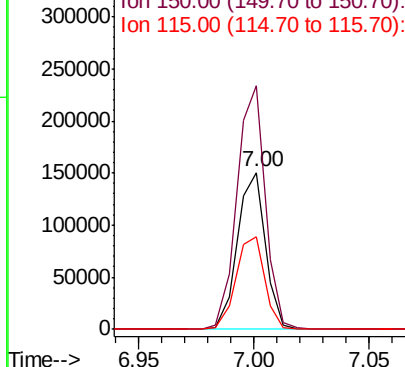


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

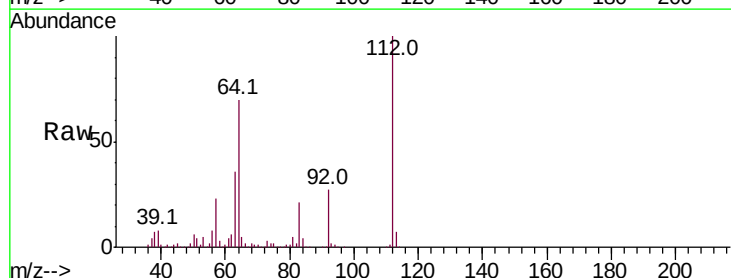
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.180 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	47.9	71.9
63	36.1	23.7	35.5#

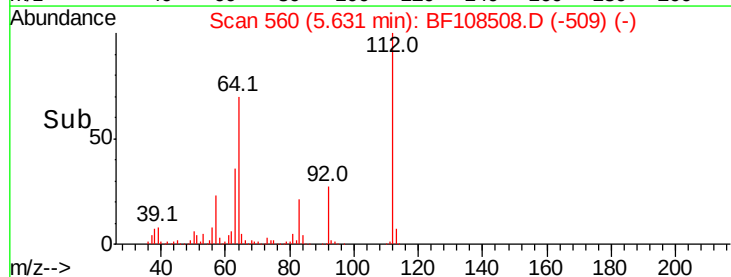
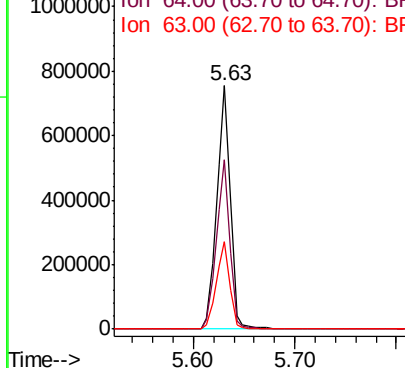


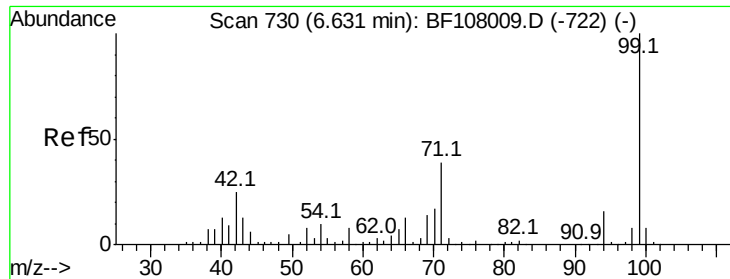
Abundance

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: 100.416 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

Instrument :

BNA_F

ClientSampleId :

EP1-Q4-B7

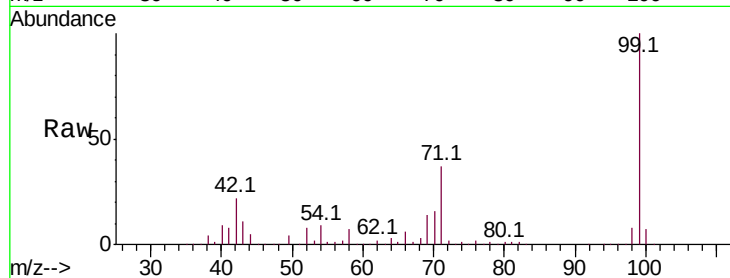
Tot Ion: 99 Resp: 943254

Ion Ratio Lower Upper

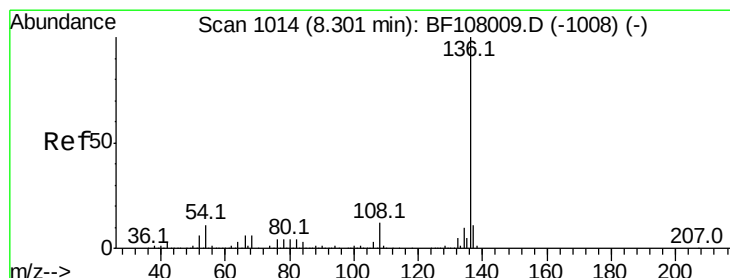
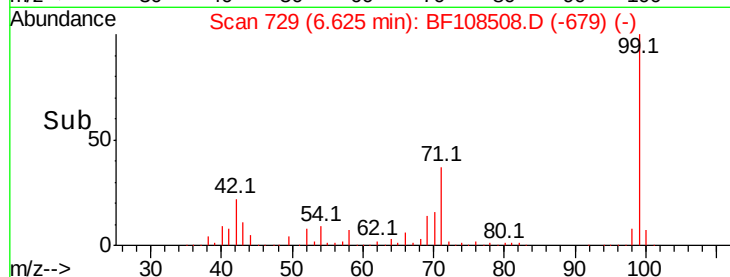
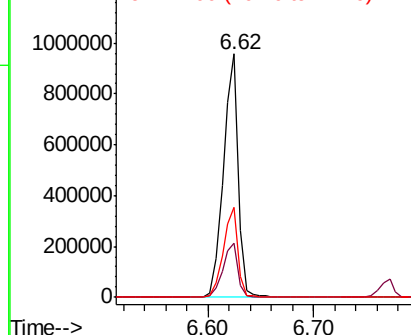
99 100

42 22.2 14.5 21.7#

71 37.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

Tgt Ion: 136 Resp: 494375

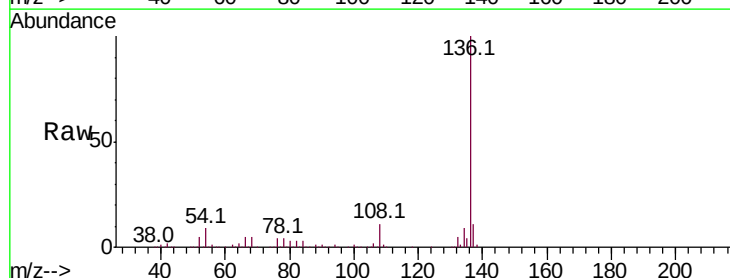
Ion Ratio Lower Upper

136 100

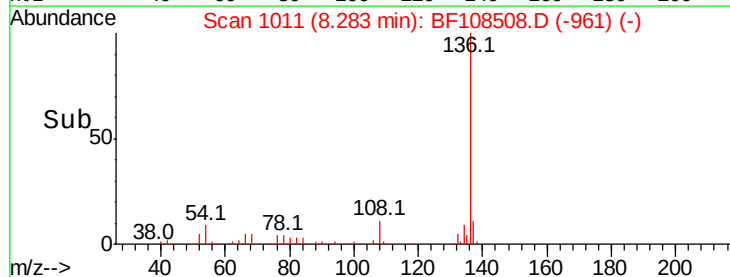
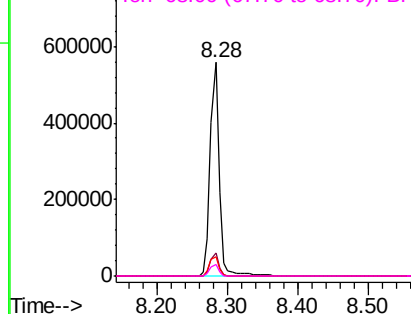
137 11.0 8.9 13.3

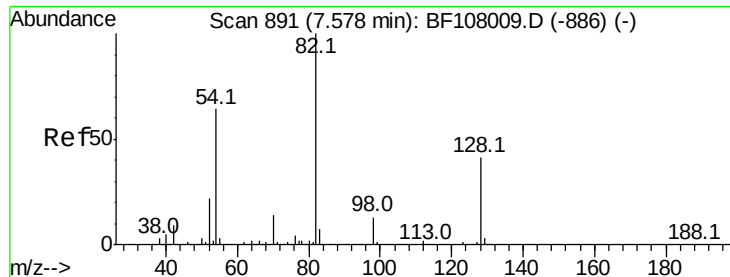
54 9.1 6.6 9.8

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

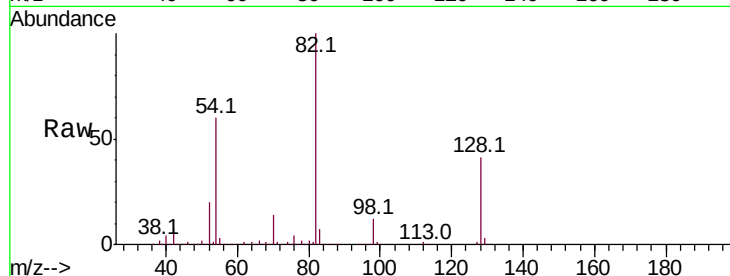




#23
 Nitrobenzene-d5
 Concen: 71.008 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-B7

Tot Ion	82	Resp	629097
Ion Ratio	100	Lower	Upper
128	41.4	36.1	54.1
54	59.8	41.4	62.2

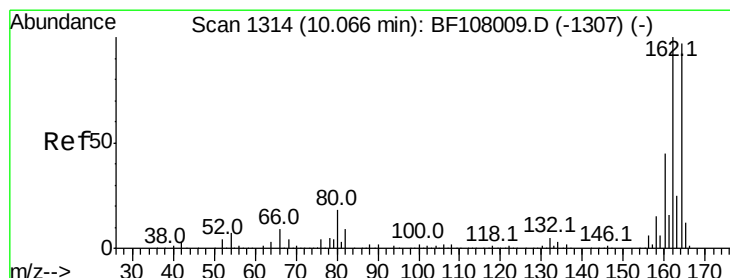
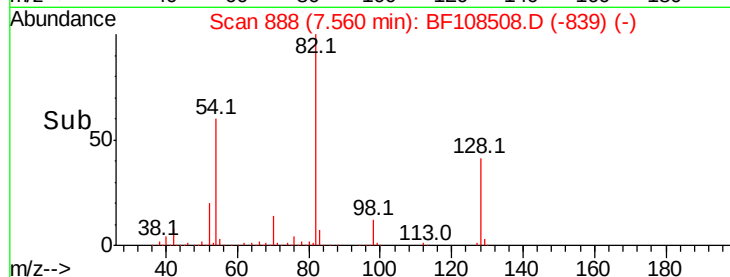
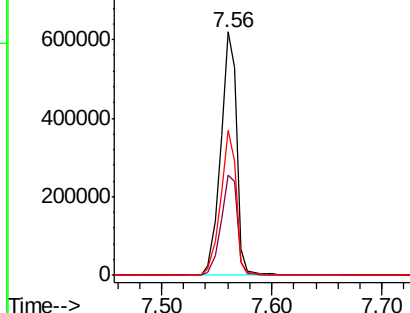


Abundance

Ion 82.00 (81.70 to 82.70): BF1

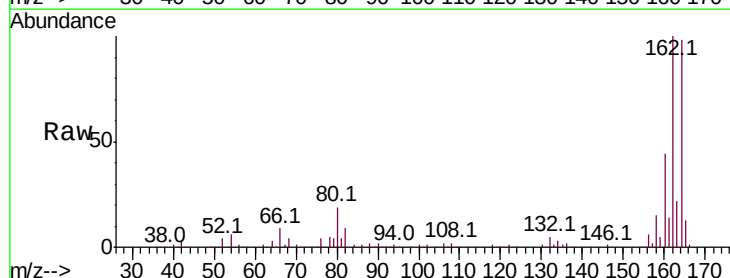
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Tgt Ion	164	Resp	244895
Ion Ratio	100	Lower	Upper
162	102.2	86.1	129.1
160	45.3	38.3	57.5

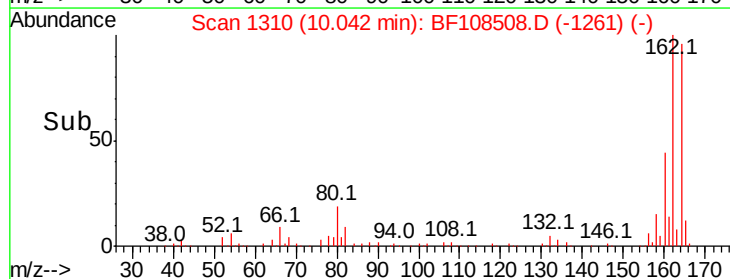
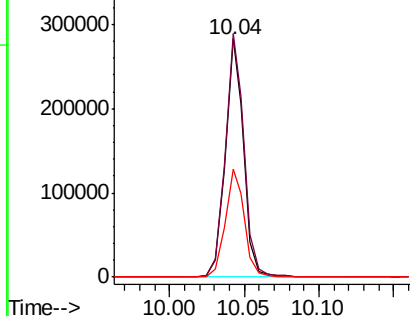


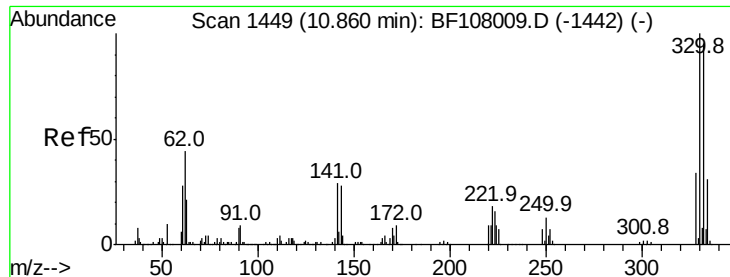
Abundance

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

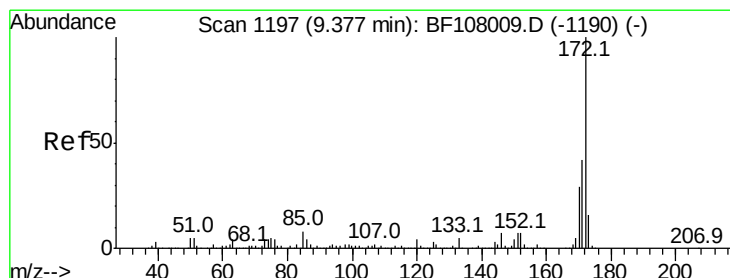
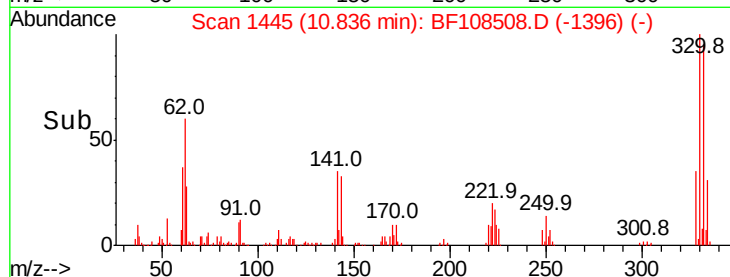
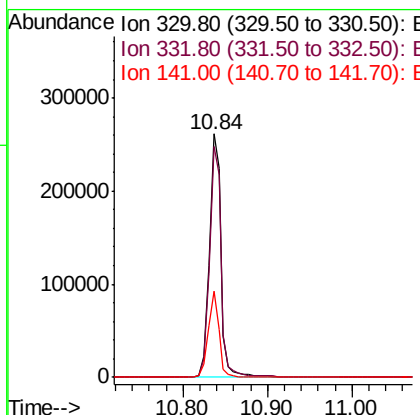
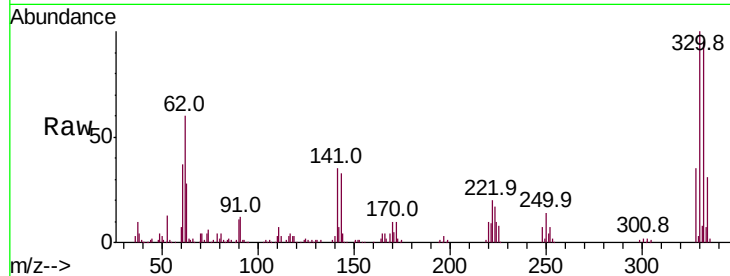




#41
 2,4,6-Tribromophenol
 Concen: 103.624 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

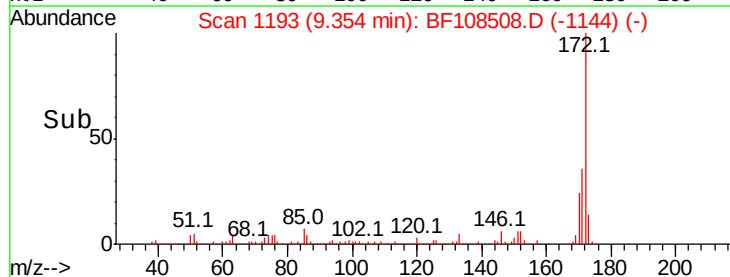
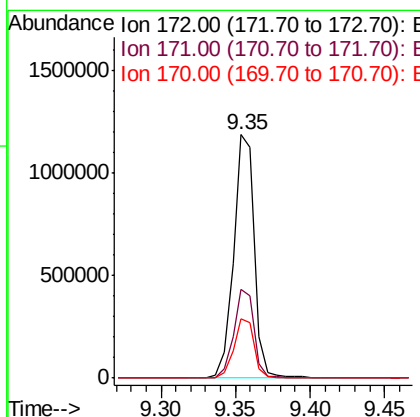
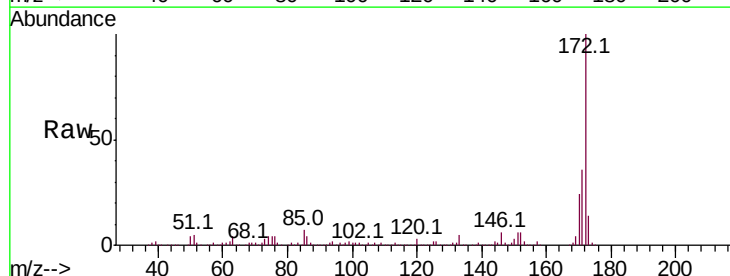
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-B7

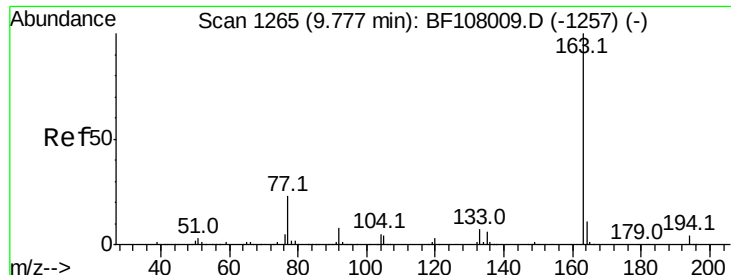
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 76.409 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108508.D
 Acq: 27 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

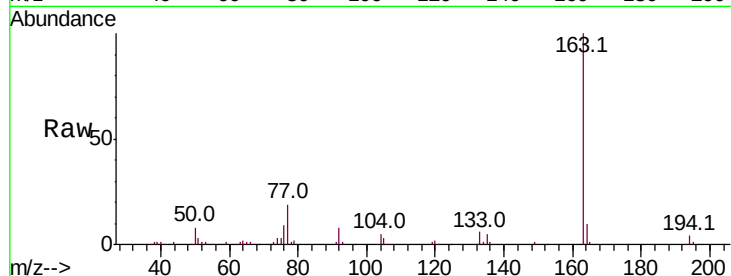




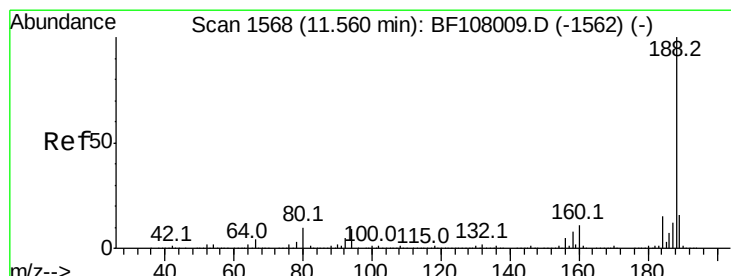
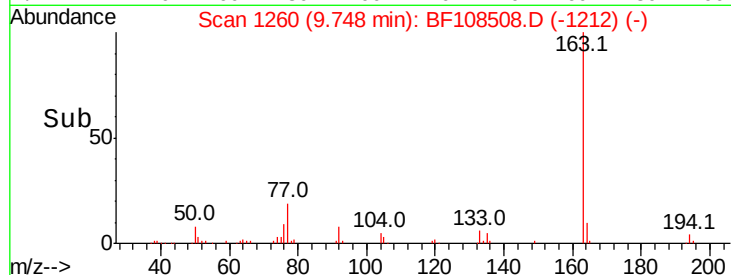
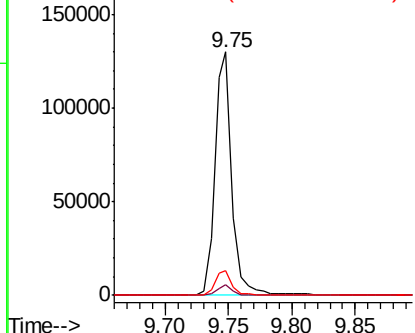
#49
Dimethylphthalate
Concen: 7.161 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-B7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.0	8.2	12.2

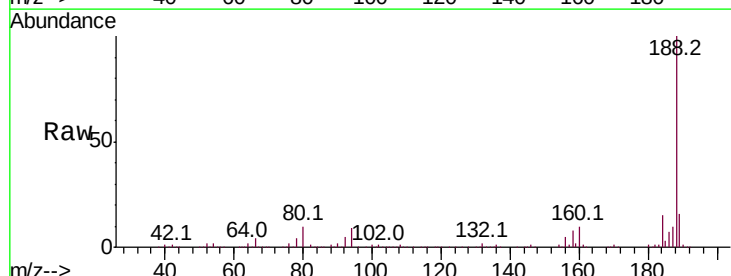


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

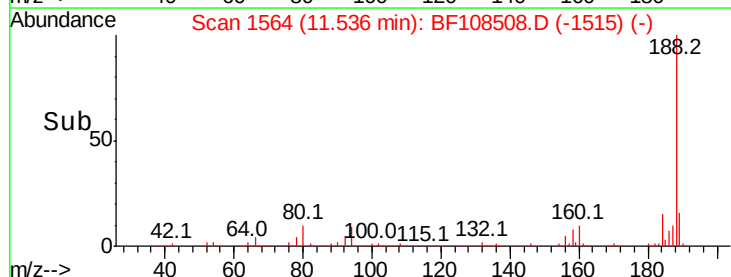
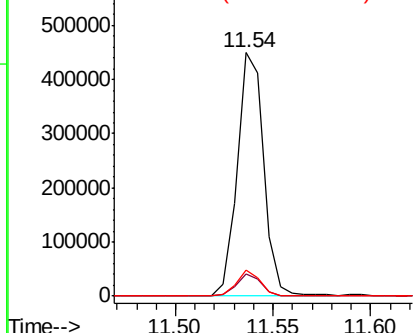


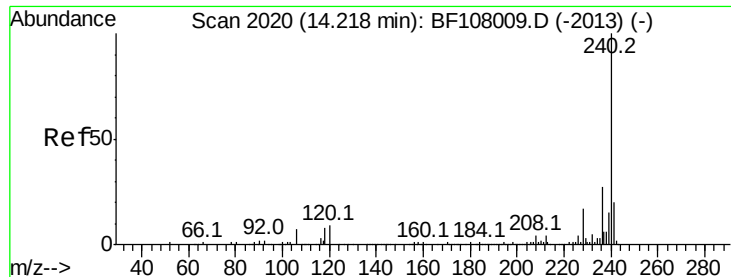
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.4	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

Instrument :

BNA_F

ClientSampleId :

EP1-Q4-B7

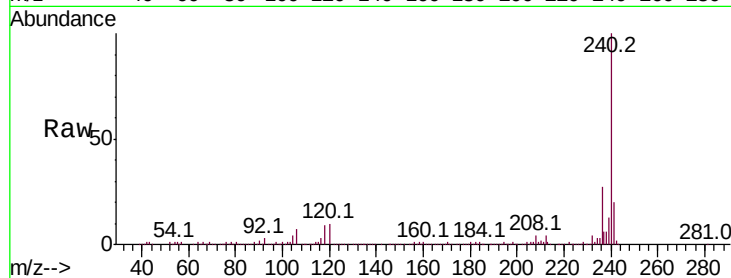
Tot Ion:240 Resp: 291149

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

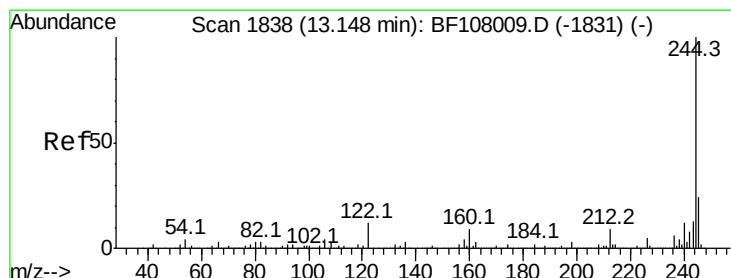
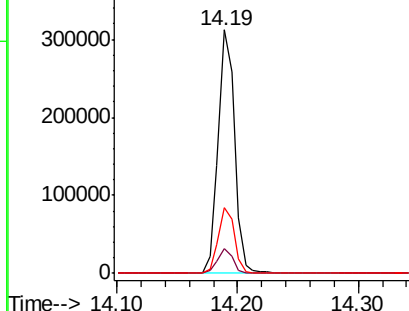
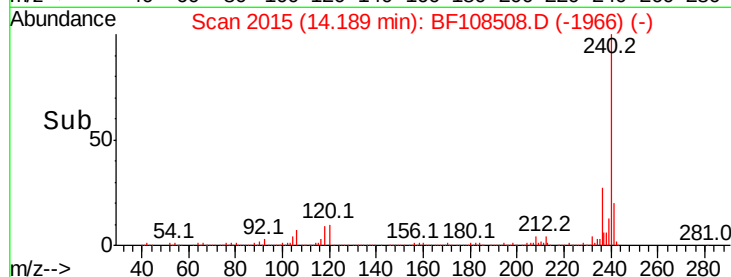
236 27.2 20.7 31.1



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: 78.356 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108508.D

Acq: 27 Aug 2018 14:15

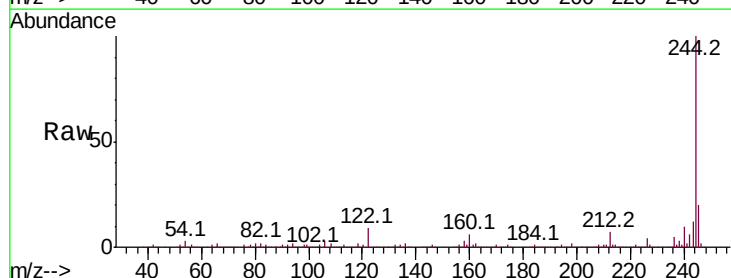
Tgt Ion:244 Resp: 897254

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

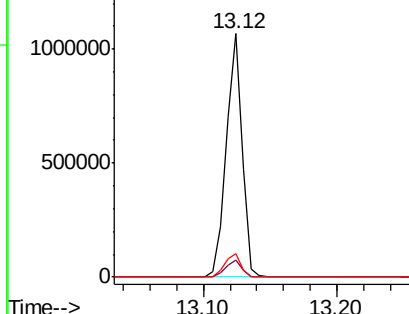
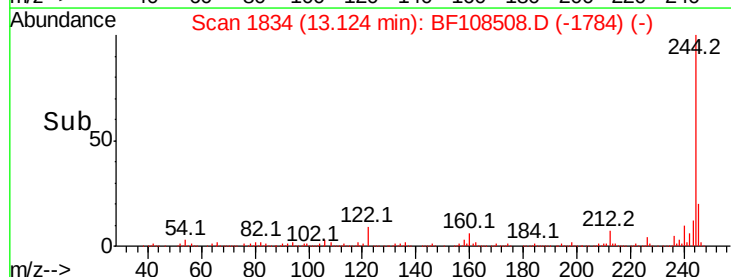
122 9.5 11.0 16.4#

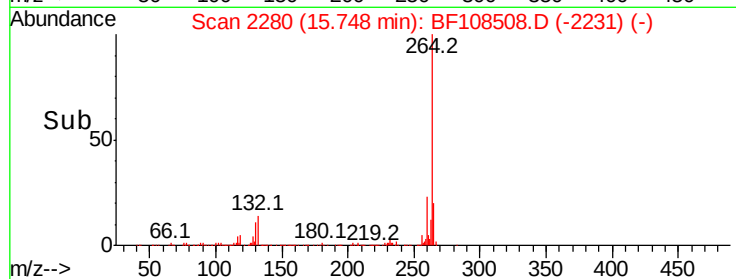
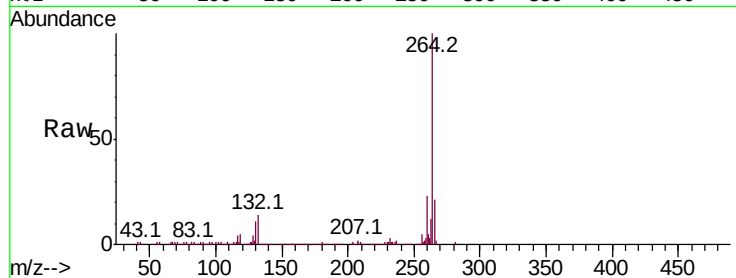
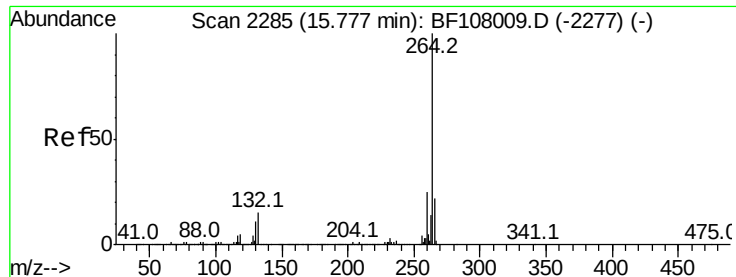


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108508.D
Acq: 27 Aug 2018 14:15

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-B7

Tot Ion:	264	Resp:	286429
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	17.5	26.3

