

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108443.D
 Acq On : 24 Aug 2018 1:32
 Operator : JU/SJ
 Sample : J4283-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082118

Quant Time: Aug 24 04:29:41 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	130500	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	488733	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	220810	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	353458	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272739	20.00	ng	0.00
86) Perylene-d12	15.75	264	229870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	69628	9.66	ng	-0.01
7) Phenol-d6	6.61	99	94856	9.90	ng	-0.02
23) Nitrobenzene-d5	7.56	82	58176	6.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	15882	7.21	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	115161	8.37	ng	-0.01
78) Terphenyl-d14	13.12	244	84107	7.84	ng	0.00

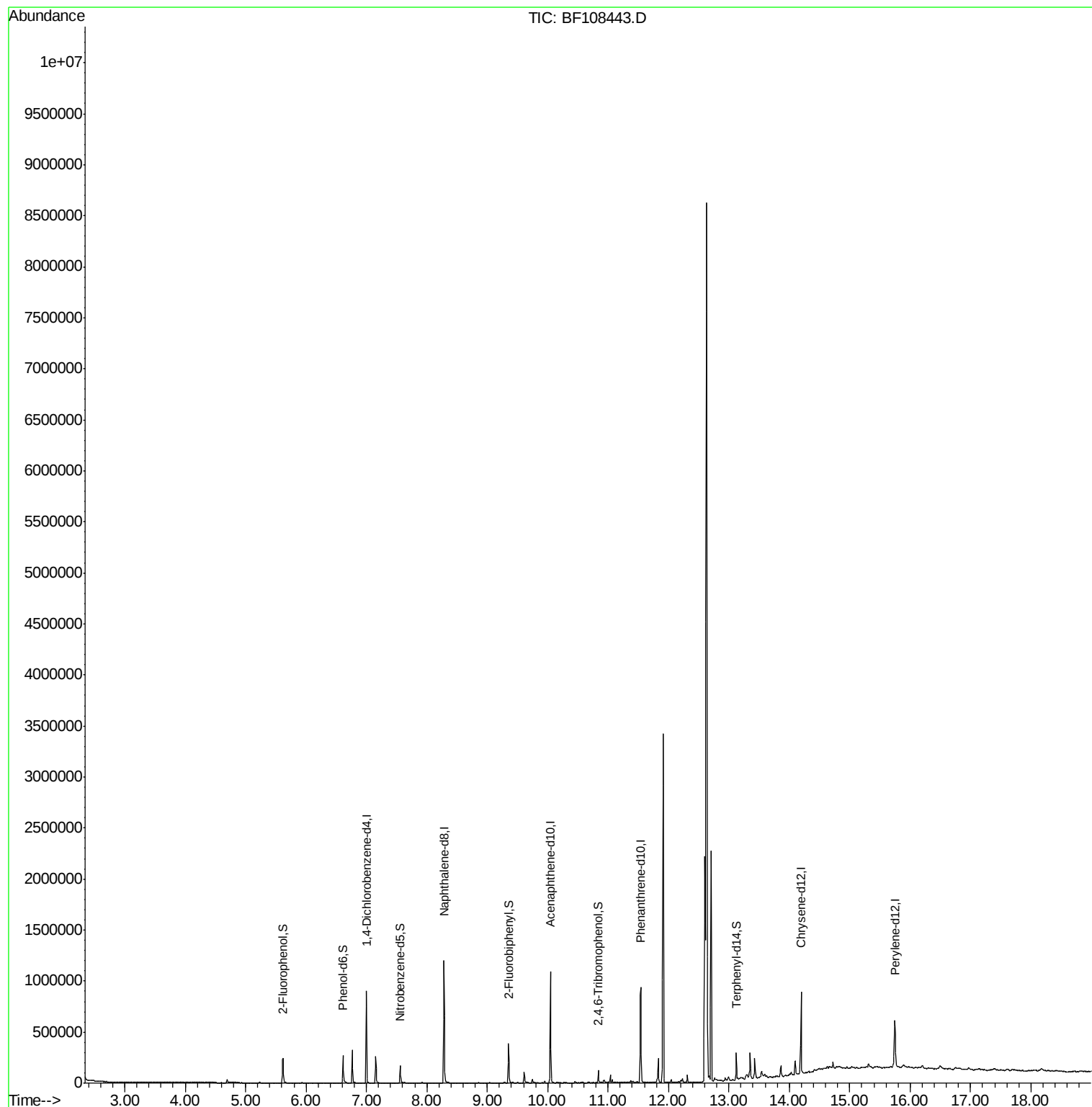
Target Compounds Qvalue

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

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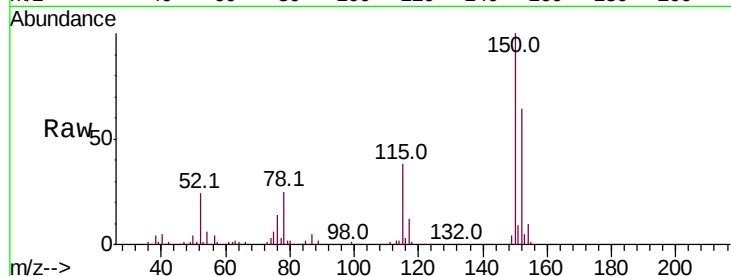


#1

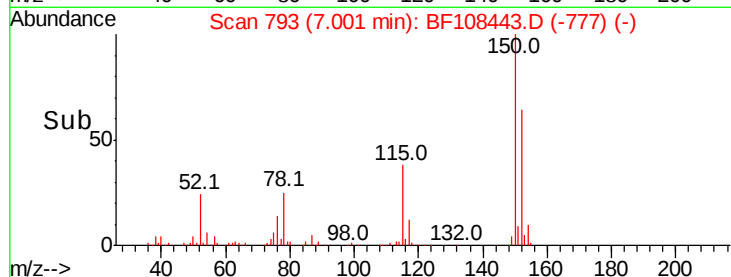
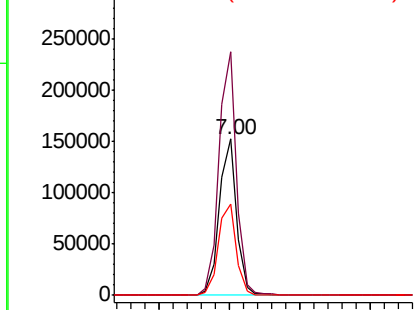
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Instrument :
BNA_F
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TR-04-082118

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	58.4	50.1	75.1



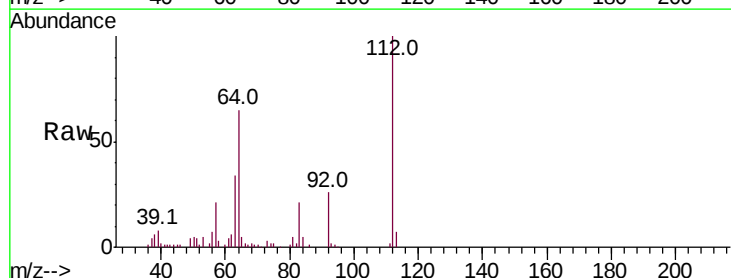
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



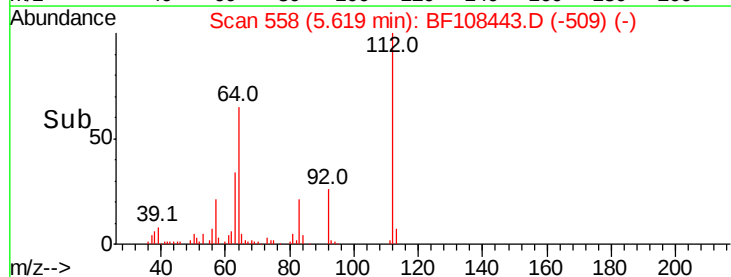
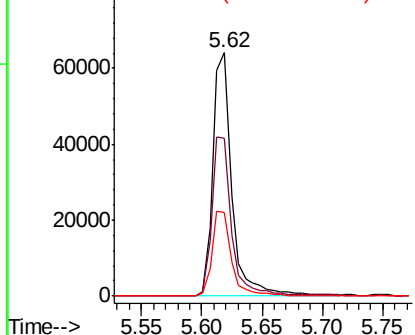
#5

2-Fluorophenol
Concen: 9.660 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	34.4	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: 9.903 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Instrument :

BNA_F

ClientSampleId :

TR-04-082118

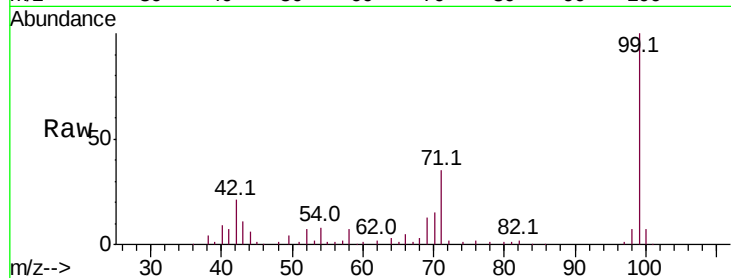
Tot Ion: 99 Resp: 94856

Ion Ratio Lower Upper

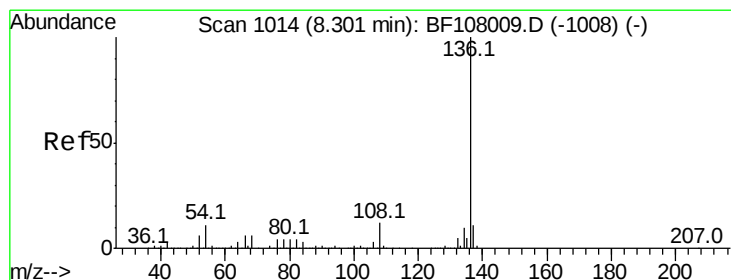
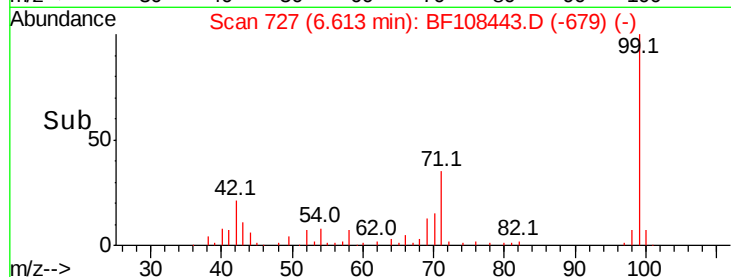
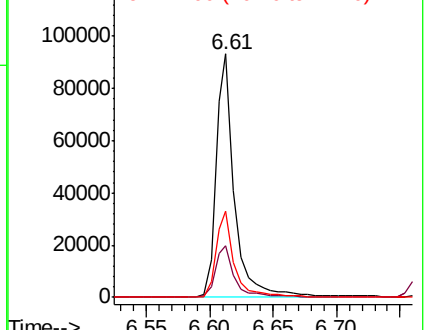
99 100

42 21.0 14.5 21.7

71 35.4 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: BF108443.D

Acq: 24 Aug 2018 1:32

Tgt Ion: 136 Resp: 488733

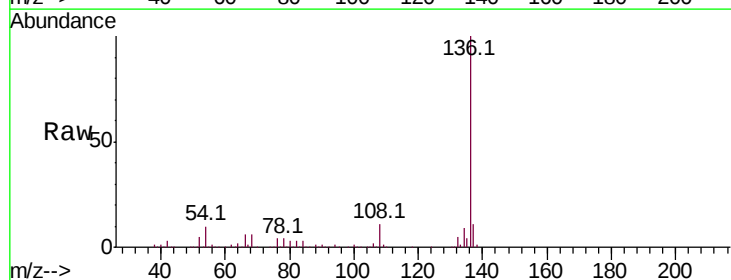
Ion Ratio Lower Upper

136 100

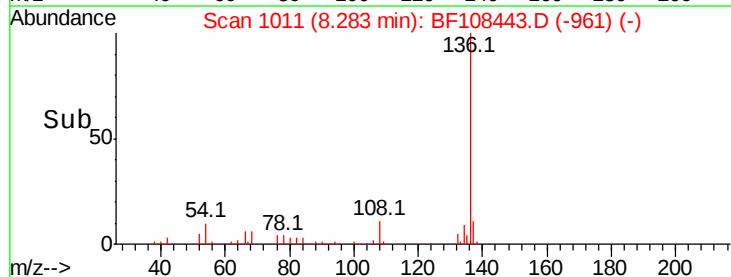
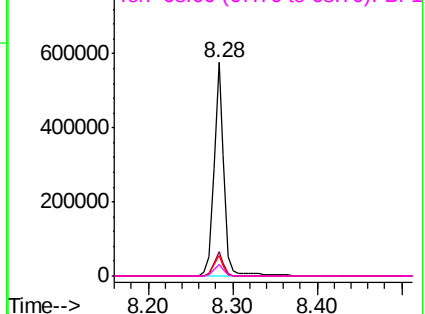
137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 5.6 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: 6.642 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Instrument :

BNA_F

ClientSampleId :

TR-04-082118

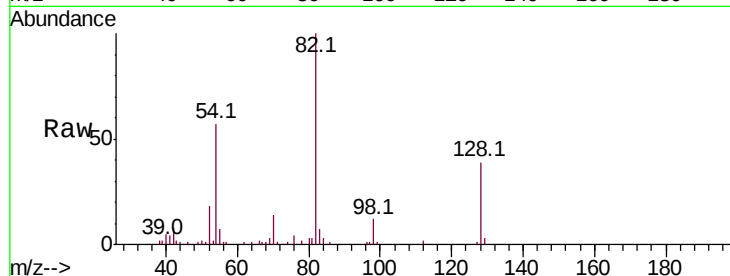
Tot Ion: 82 Resp: 58176

Ion Ratio Lower Upper

82 100

128 39.1 36.1 54.1

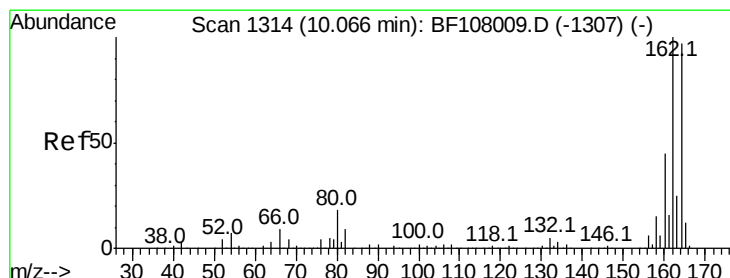
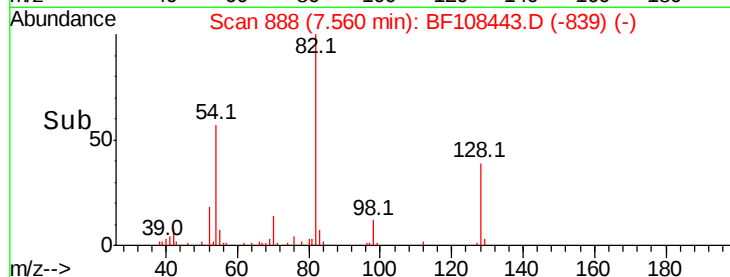
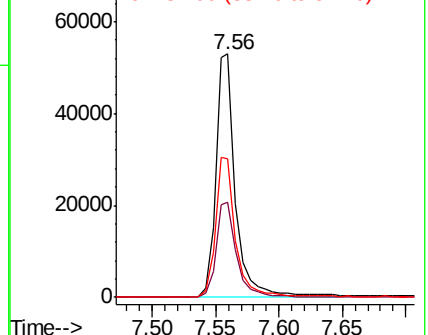
54 57.2 41.4 62.2



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: BF108443.D

Acq: 24 Aug 2018 1:32

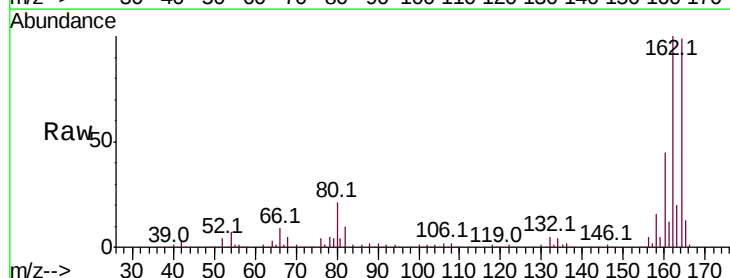
Tgt Ion:164 Resp: 220810

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

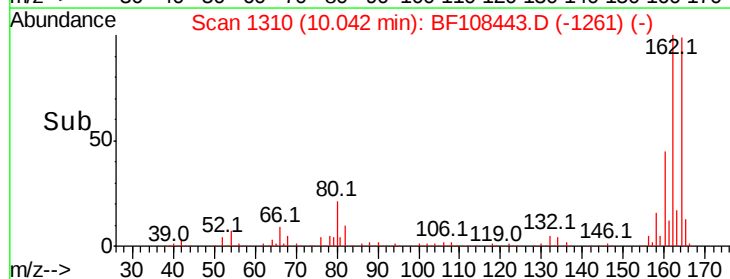
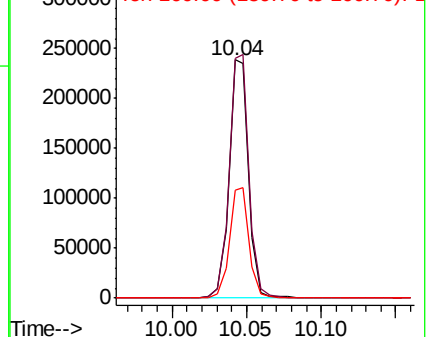
160 45.2 38.3 57.5

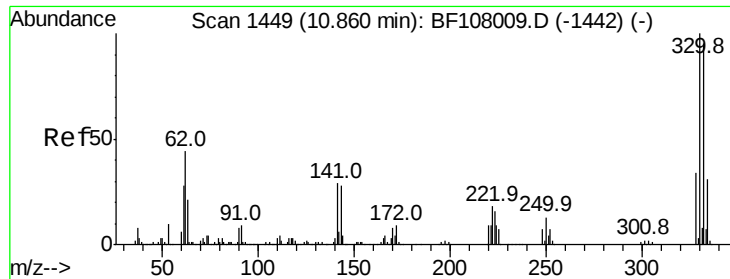


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

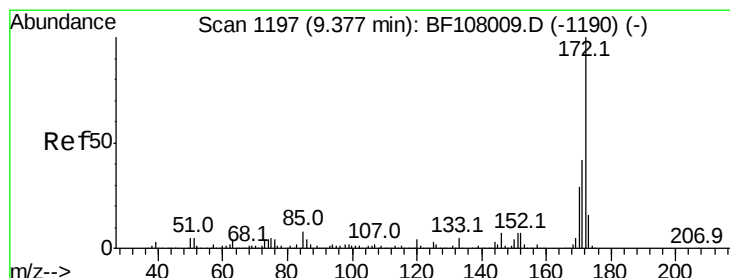
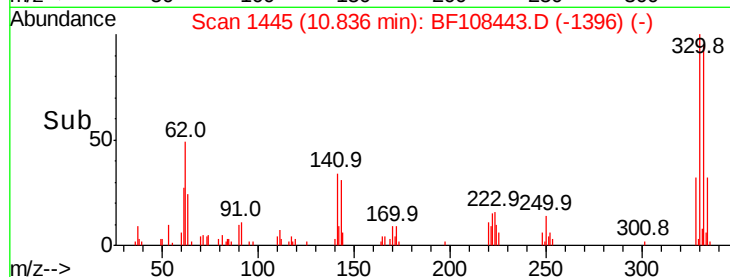
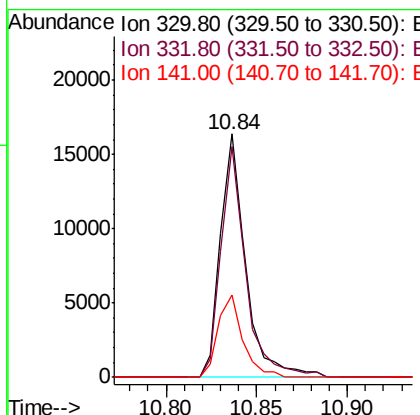
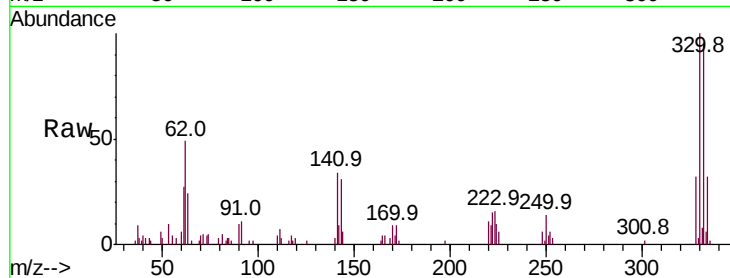




#41
 2,4,6-Tribromophenol
 Concen: 7.211 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108443.D
 Acq: 24 Aug 2018 1:32

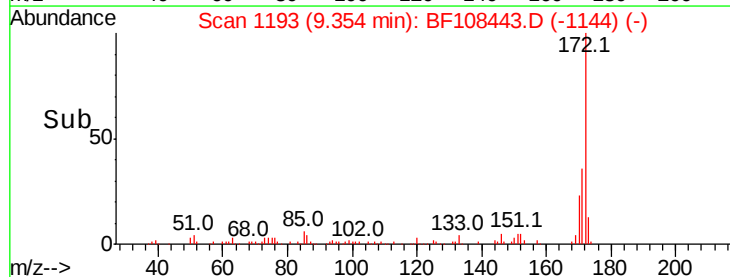
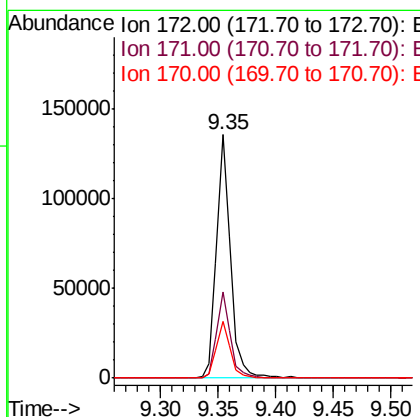
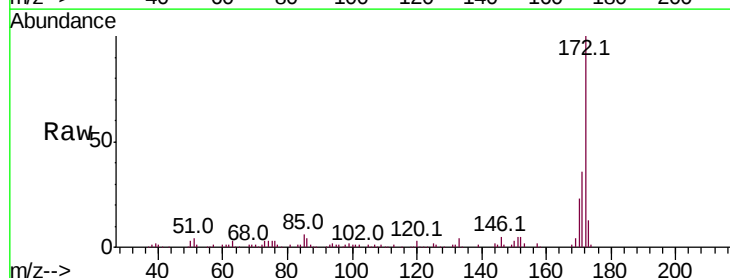
Instrument :
 BNA_F
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 TR-04-082118

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 8.373 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108443.D
 Acq: 24 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.1	19.6	29.4

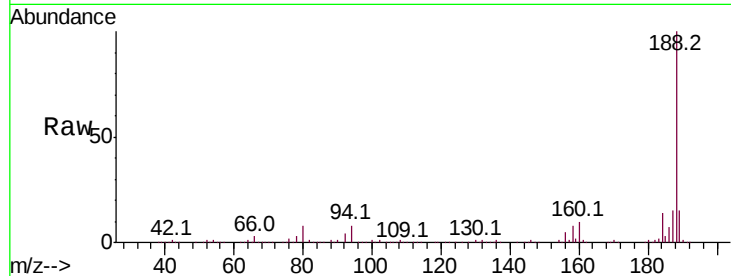




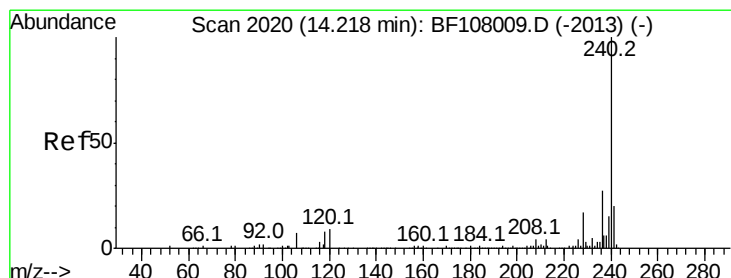
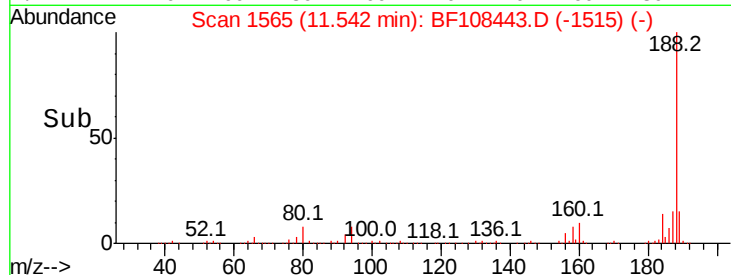
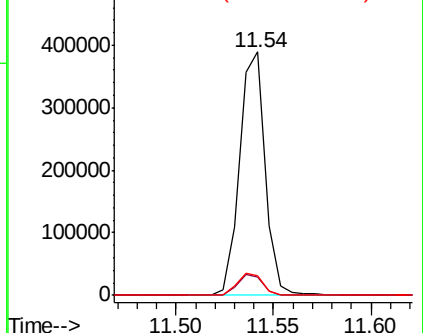
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Instrument :
BNA_F
ClientSampleId :
TR-04-082118

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	9.2	13.8#

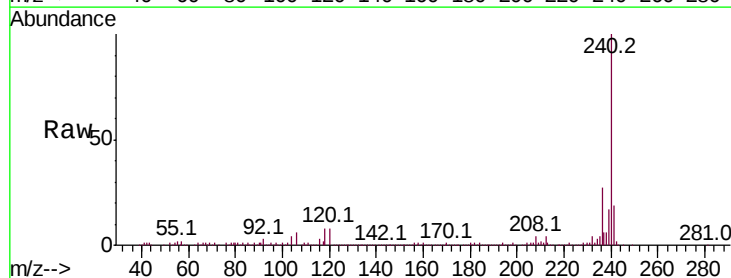


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

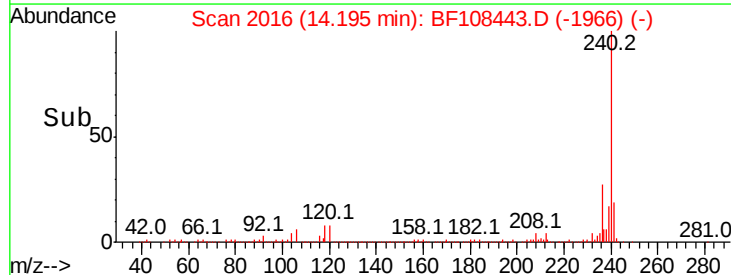
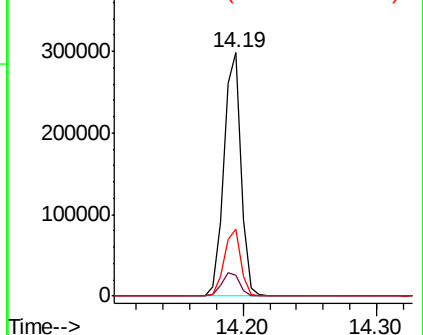


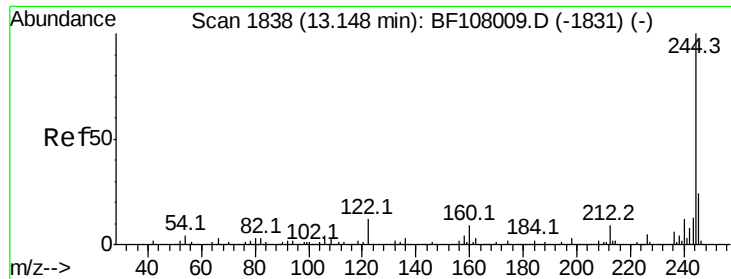
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	27.3	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

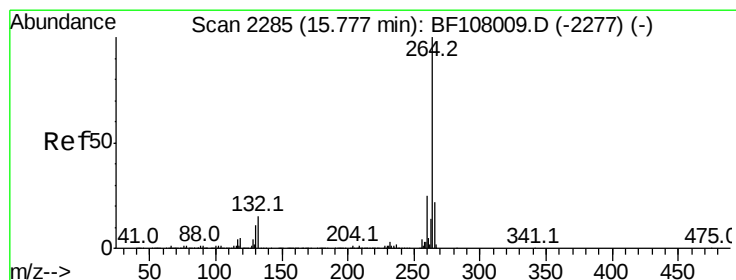
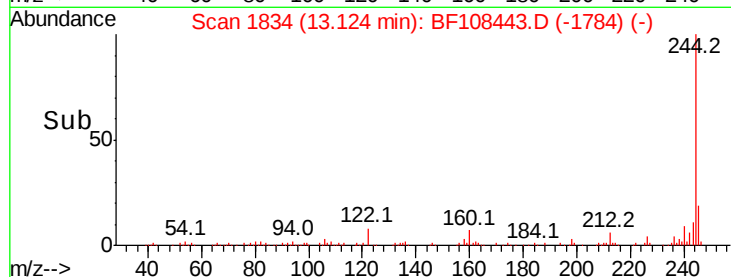
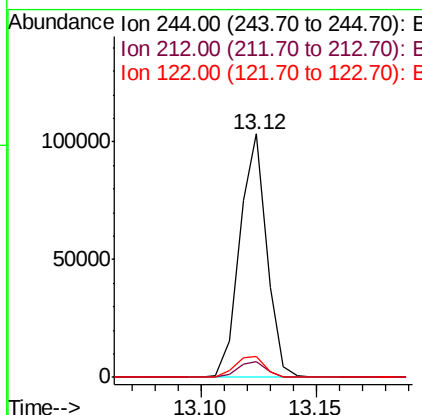
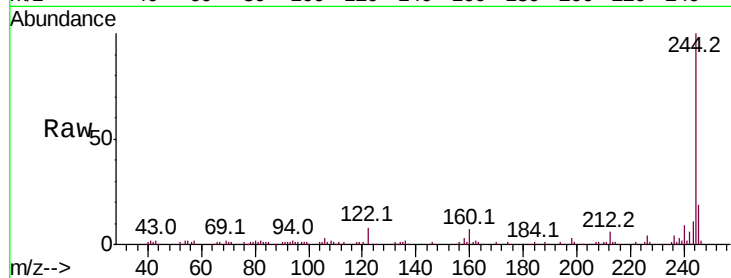




#78
 Terphenyl-d14
 Concen: 7.841 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108443.D
 Acq: 24 Aug 2018 1:32

Instrument :
 BNA_F
 ClientSampleID :
 TR-04-082118

Tot Ion:244 Resp: 84107
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108443.D
 Acq: 24 Aug 2018 1:32

Tgt Ion:264 Resp: 229870
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 17.5 26.3

