

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108483.D
 Acq On : 25 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4594-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO

Quant Time: Aug 25 04:08:34 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

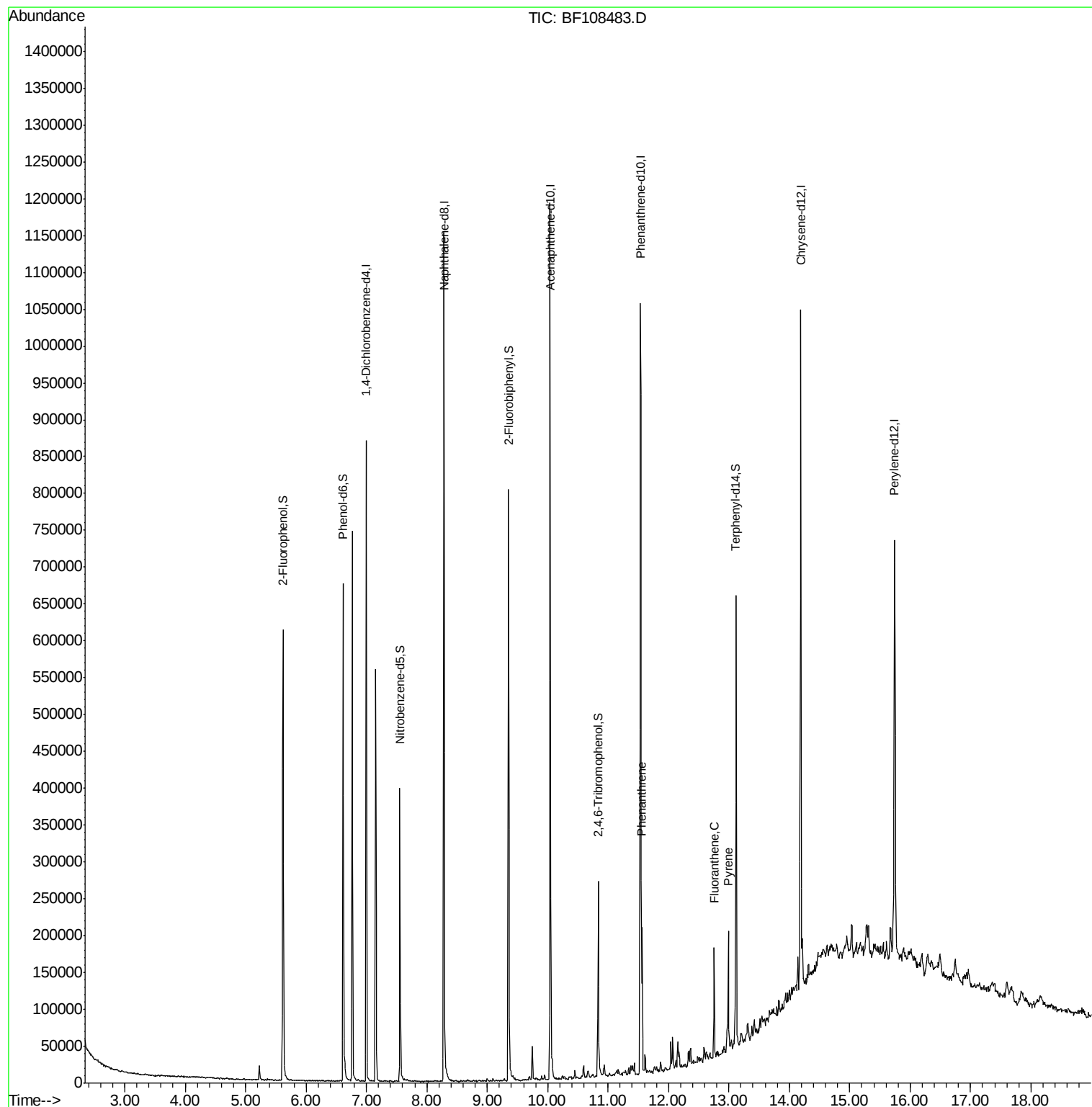
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	127445	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	493194	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	236755	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	407552	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	287199	20.00	ng	-0.01
86) Perylene-d12	15.74	264	291888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	151236	21.48	ng	-0.01
7) Phenol-d6	6.61	99	206641	22.09	ng	-0.02
23) Nitrobenzene-d5	7.55	82	131569	14.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	37392	15.83	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	256513	17.39	ng	-0.01
78) Terphenyl-d14	13.12	244	188960	16.73	ng	-0.01
Target Compounds						
70) Phenanthrene	11.56	178	87382	4.546	ng	96
74) Fluoranthene	12.75	202	62047	2.958	ng	96
77) Pyrene	12.99	202	66985	3.684	ng	99

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

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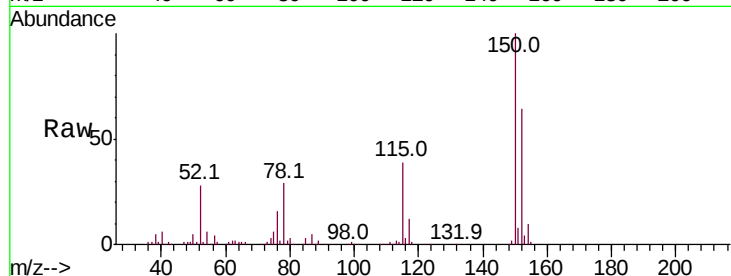


#1

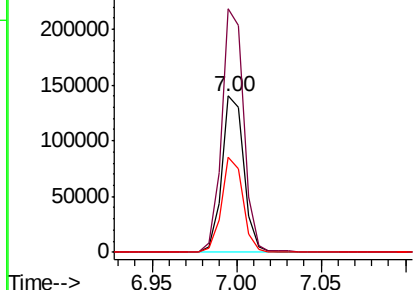
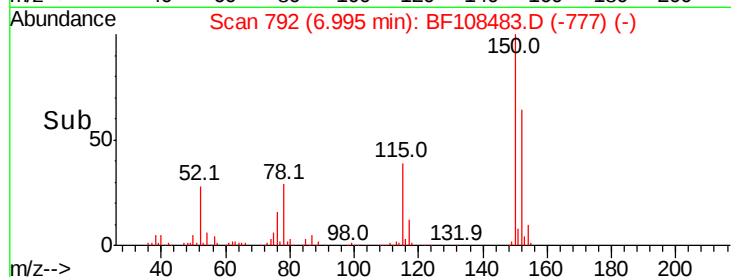
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108483.D
Acq: 25 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
1-3-RO

Tot Ion:152 Resp: 127445
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.7 50.1 75.1



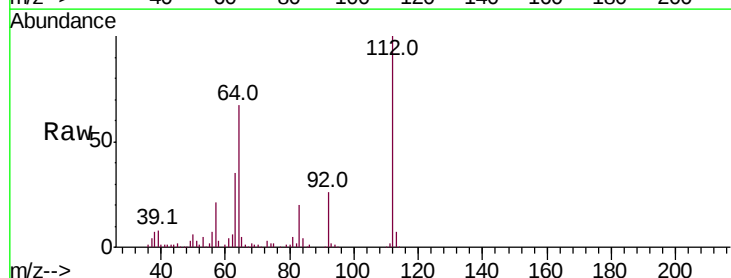
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



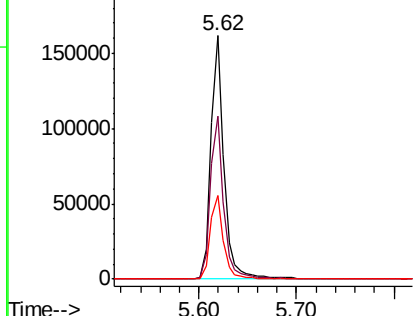
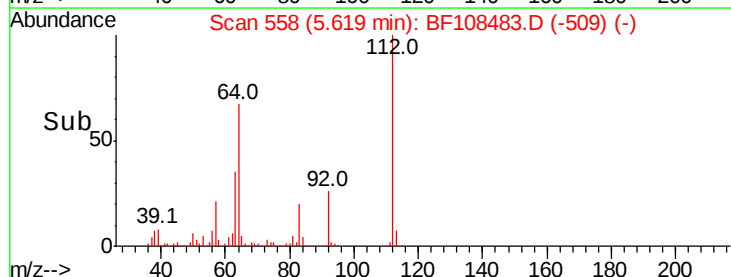
#5

2-Fluorophenol
Concen: 21.484 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108483.D
Acq: 25 Aug 2018 00:18

Tgt Ion:112 Resp: 151236
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 34.5 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: 22.090 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108483.D

Acq: 25 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

1-3-RO

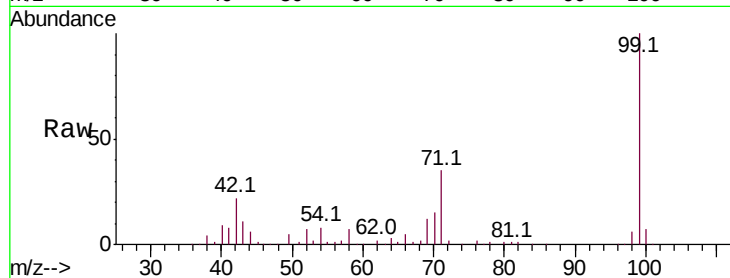
Tot Ion: 99 Resp: 206641

Ion Ratio Lower Upper

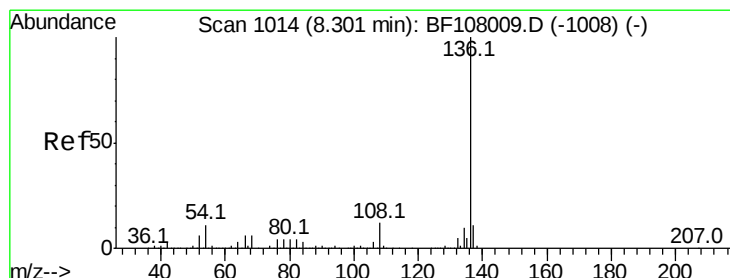
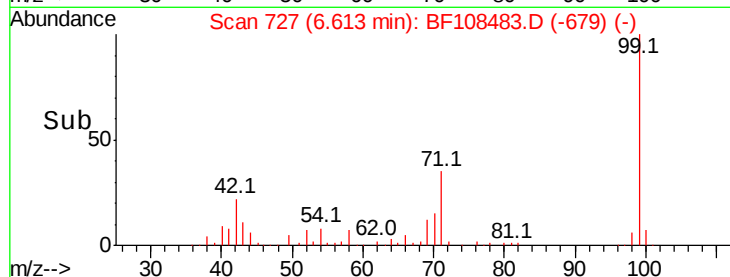
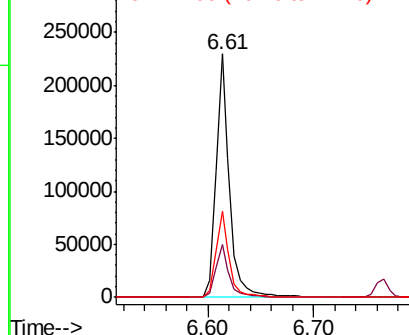
99 100

42 21.5 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: BF108483.D

Acq: 25 Aug 2018 00:18

Tgt Ion: 136 Resp: 493194

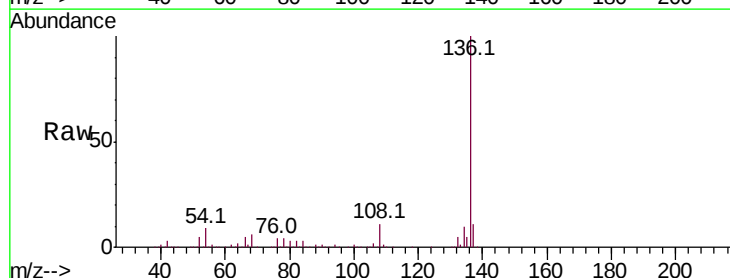
Ion Ratio Lower Upper

136 100

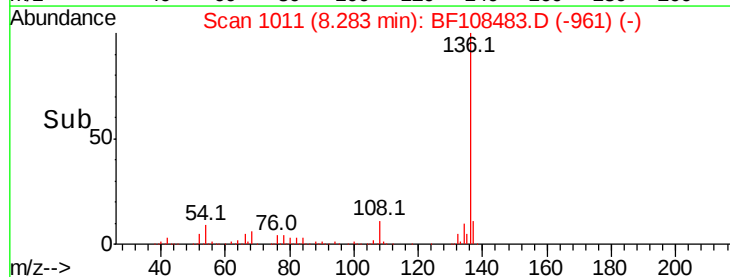
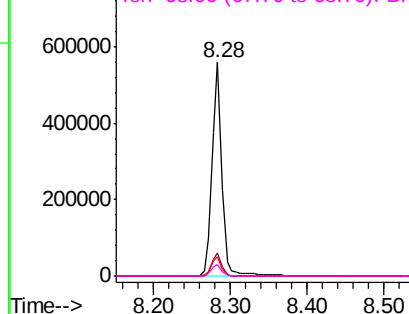
137 10.7 8.9 13.3

54 9.3 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

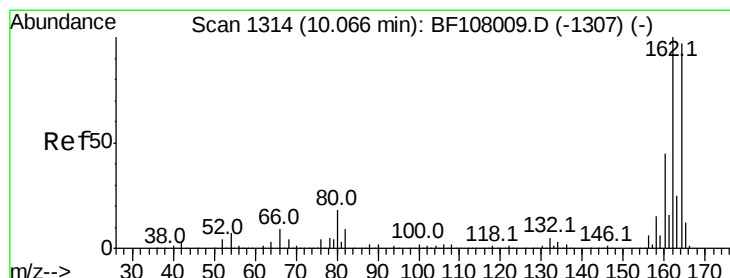
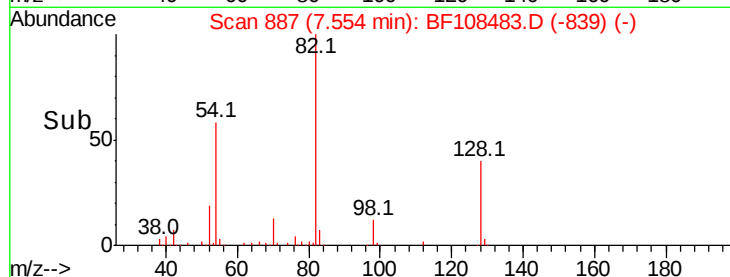
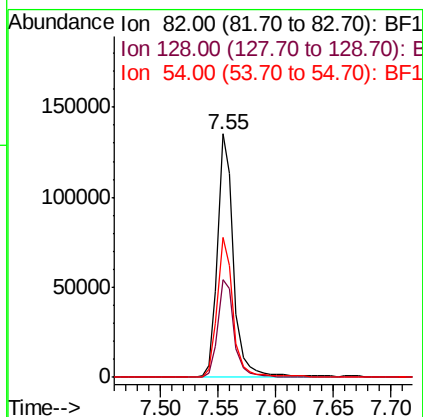
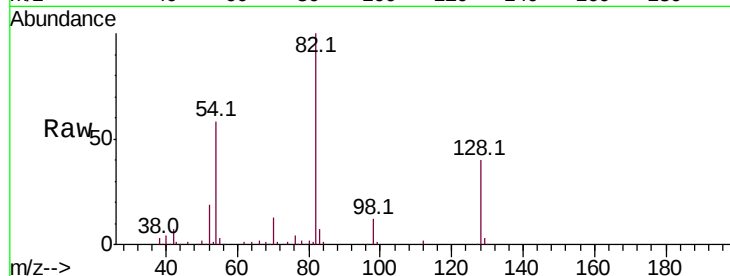




#23
 Nitrobenzene-d5
 Concen: 14.886 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108483.D
 Acq: 25 Aug 2018 00:18

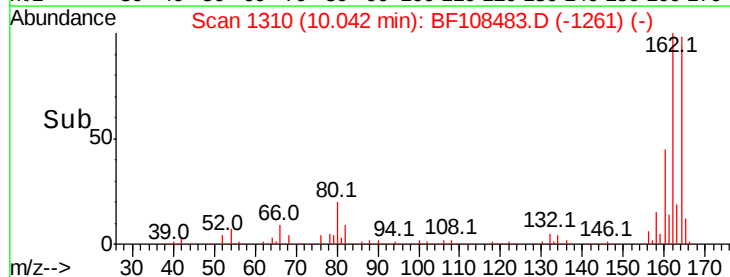
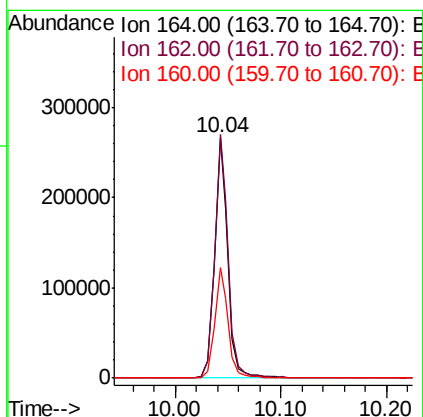
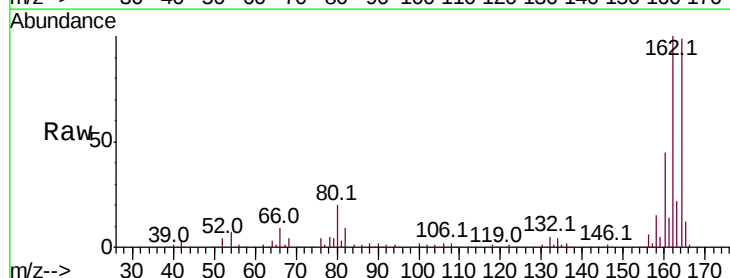
Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO

Tot Ion: 82 Resp: 131569
 Ion Ratio Lower Upper
 82 100
 128 40.2 36.1 54.1
 54 57.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108483.D
 Acq: 25 Aug 2018 00:18

Tgt Ion: 164 Resp: 236755
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.0 38.3 57.5

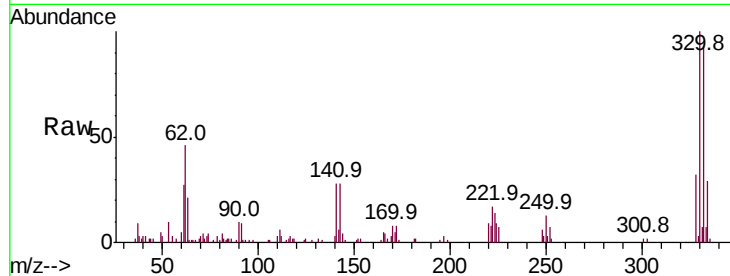




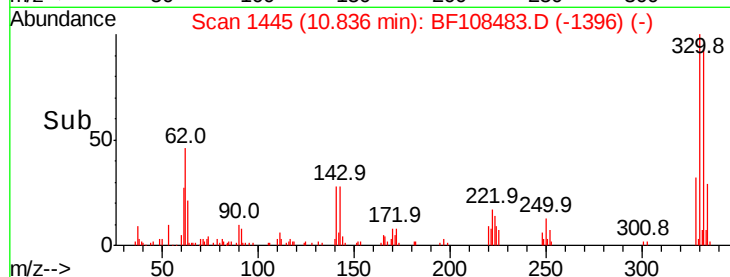
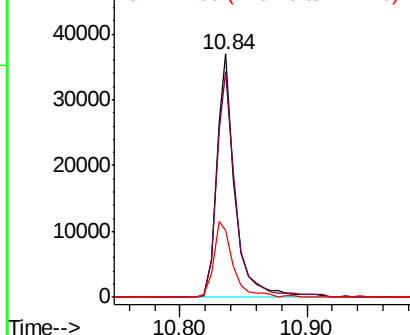
#41
 2,4,6-Tribromophenol
 Concen: 15.834 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108483.D
 Acq: 25 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampled :
 1-3-RO

Tot Ion:330 Resp: 37392
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.9 29.9 44.9

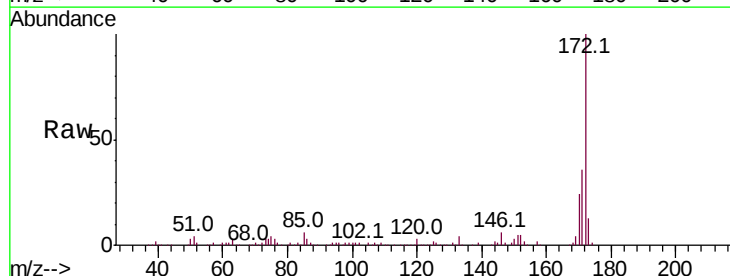


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

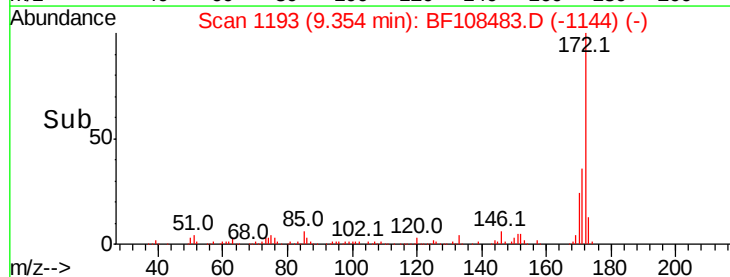
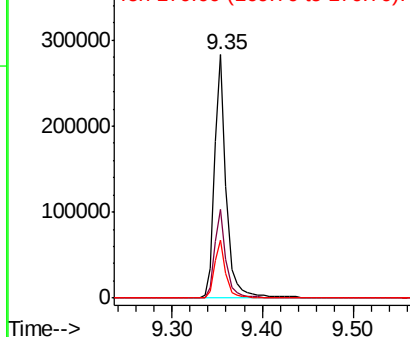


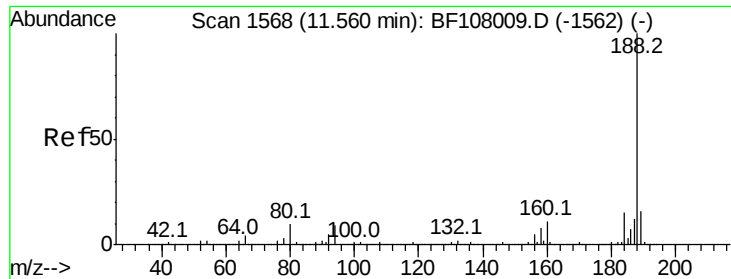
#44
 2-Fluorobiphenyl
 Concen: 17.395 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108483.D
 Acq: 25 Aug 2018 00:18

Tgt Ion:172 Resp: 256513
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

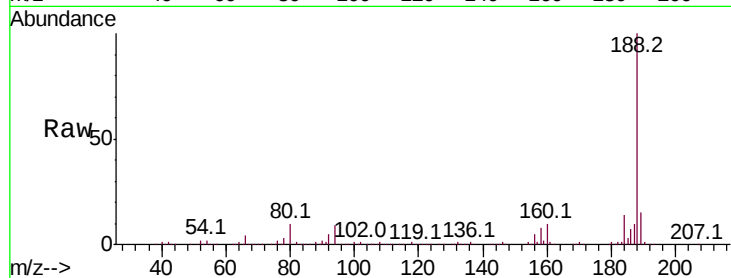




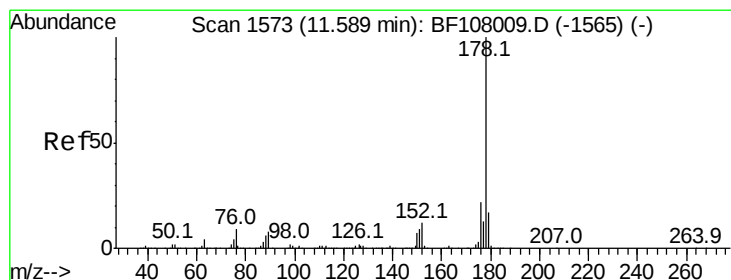
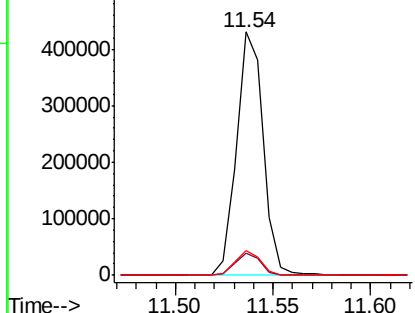
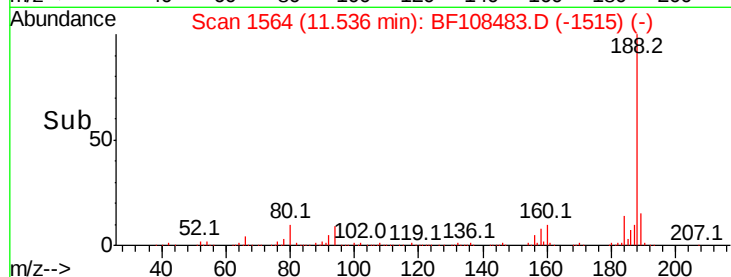
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108483.D
Acq: 25 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
1-3-RO

Tot Ion:188 Resp: 407552
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.0 9.2 13.8

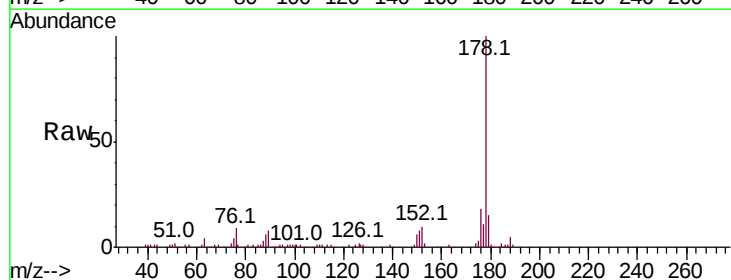


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

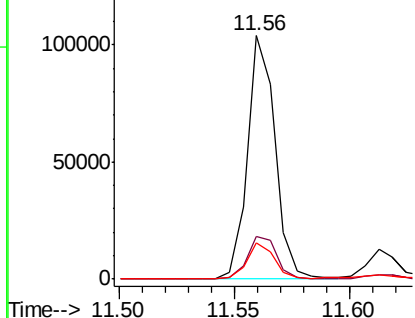
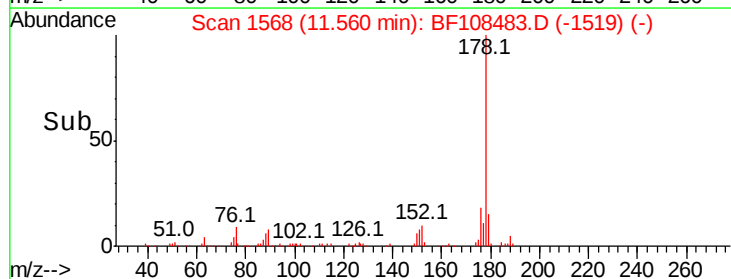


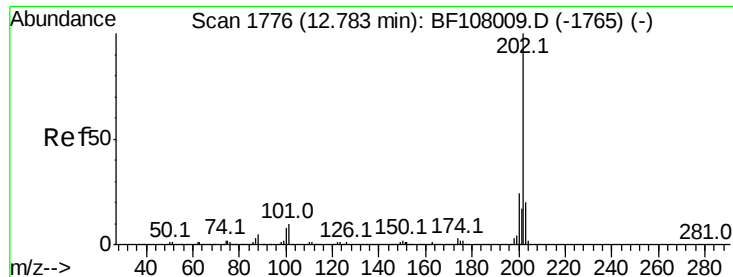
#70
Phenanthrene
Concen: 4.546 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108483.D
Acq: 25 Aug 2018 00:18

Tgt Ion:178 Resp: 87382
Ion Ratio Lower Upper
178 100
176 17.5 15.8 23.8
179 14.9 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





#74

Fluoranthene

Concen: 2.958 ng

RT: 12.75 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF108483.D

Acq: 25 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

1-3-RO

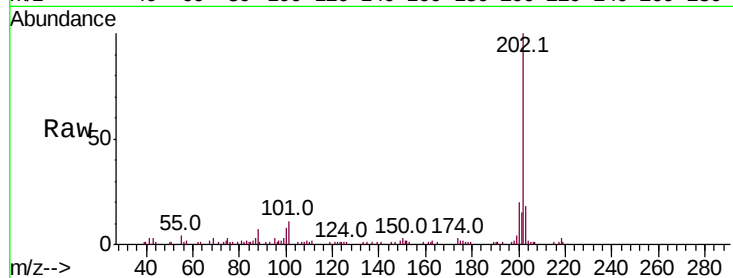
Tot Ion:202 Resp: 62047

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

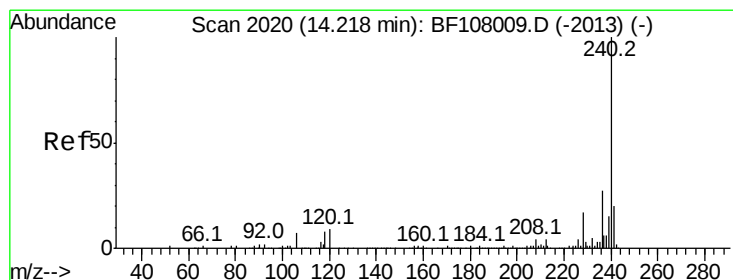
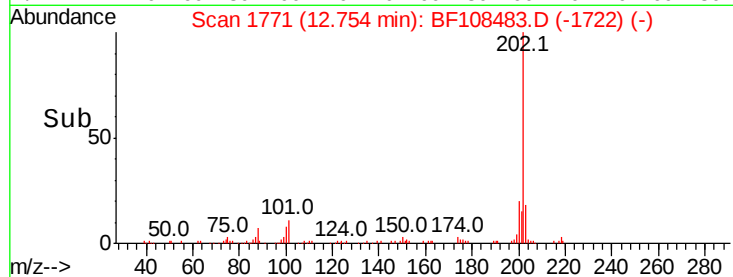
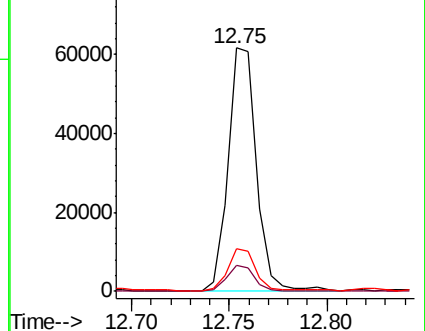
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108483.D

Acq: 25 Aug 2018 00:18

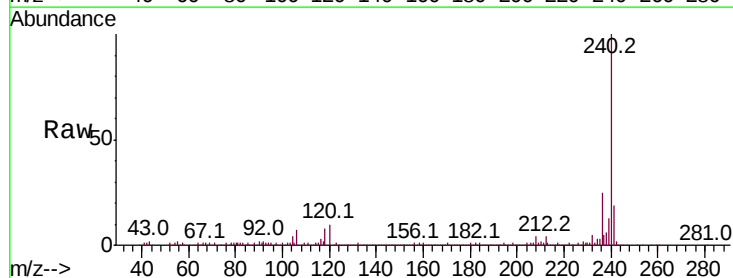
Tgt Ion:240 Resp: 287199

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

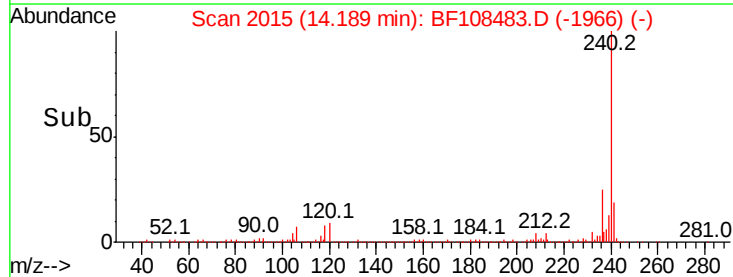
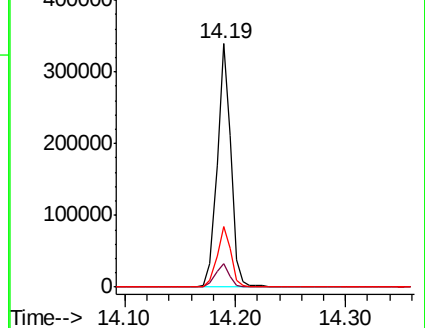
236 25.0 20.7 31.1

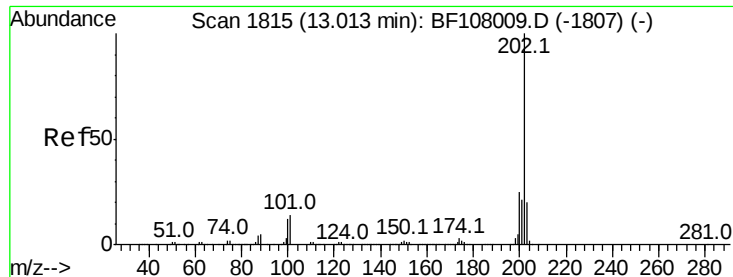


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.684 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108483.D

Acq: 25 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

1-3-RO

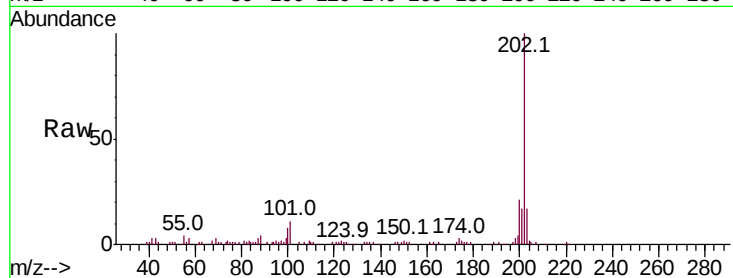
Tot Ion:202 Resp: 66985

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

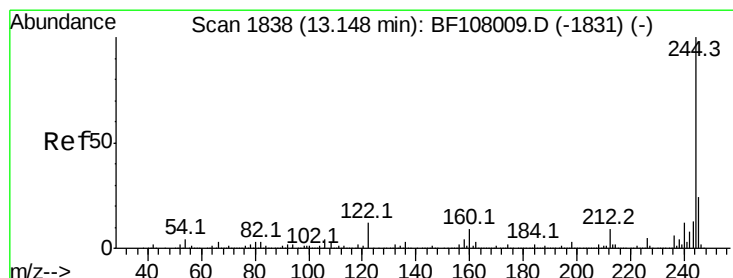
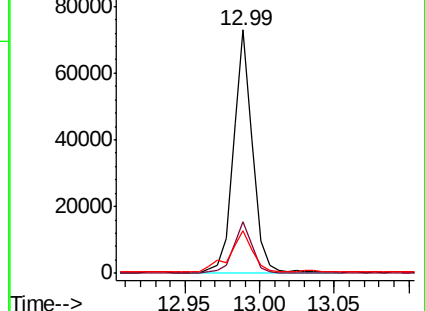
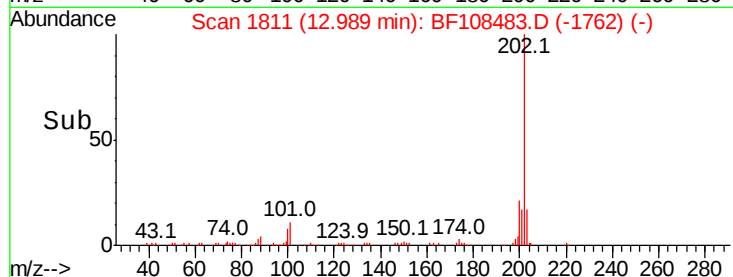
203 17.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 16.729 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108483.D

Acq: 25 Aug 2018 00:18

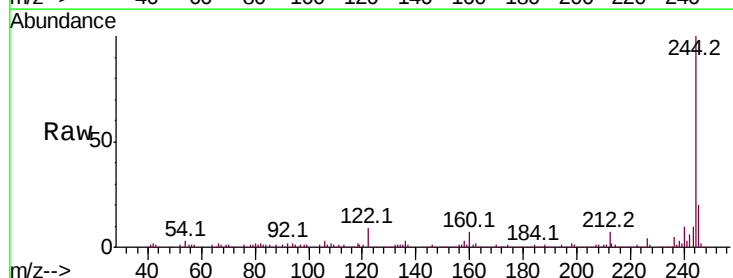
Tgt Ion:244 Resp: 188960

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

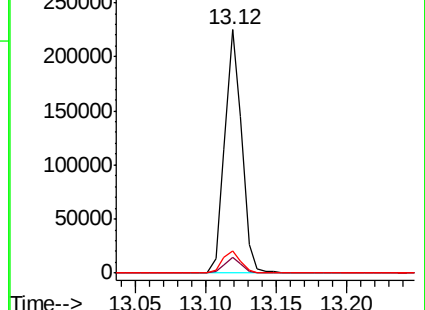
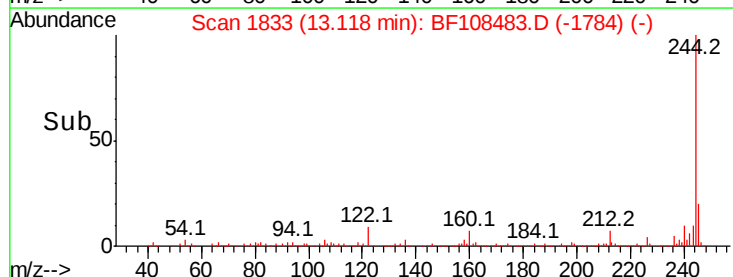
122 8.9 11.0 16.4#

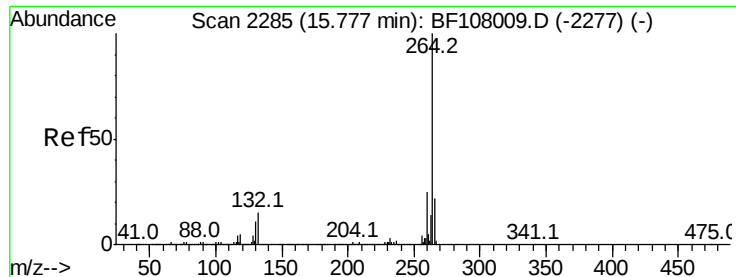


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108483.D
 Acq: 25 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

