

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109706.D
 Acq On : 9 Oct 2018 20:27
 Operator : JU/SJ
 Sample : J5331-02 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM-STONE-DRUM-3

Quant Time: Oct 10 04:41:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	68015	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	297747	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	113059	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	175967	20.00	ng	0.00
75) Chrysene-d12	13.83	240	189001	20.00	ng	0.00
86) Perylene-d12	15.23	264	163995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	26325	6.87	ng	0.00
7) Phenol-d6	6.35	99	51276	10.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	40681	7.53	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	10133	8.23	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	82445	10.04	ng	0.00
78) Terphenyl-d14	12.78	244	69436	7.11	ng	0.00

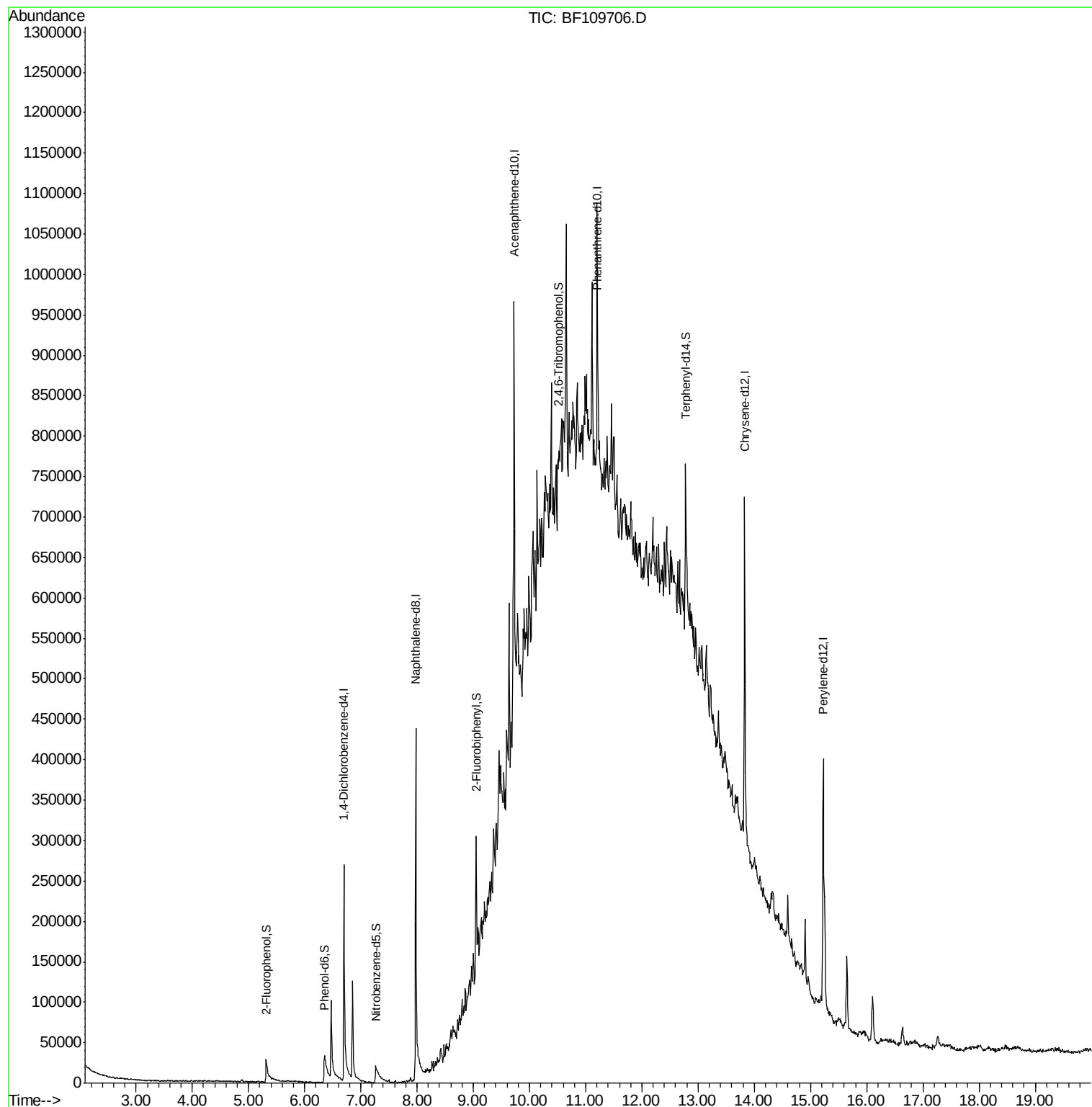
Target Compounds	Qvalue
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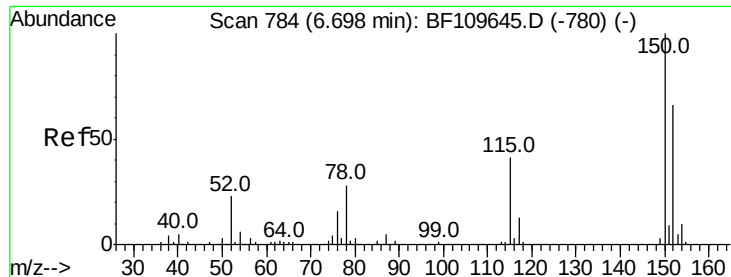
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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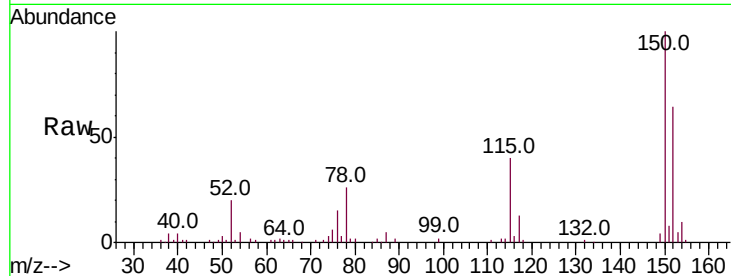


#1

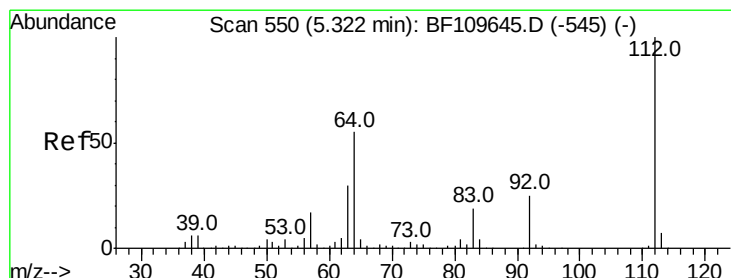
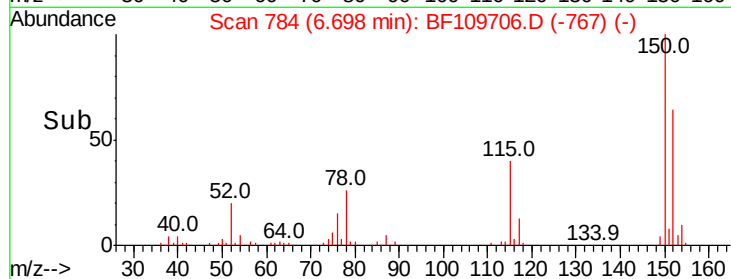
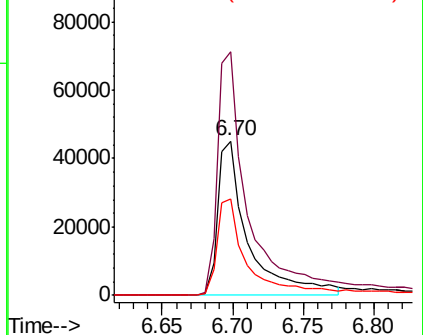
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109706.D
 Acq: 9 Oct 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 NM-STONE-DRUM-3

Tot Ion:152 Resp: 68015
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 62.5 49.1 73.7



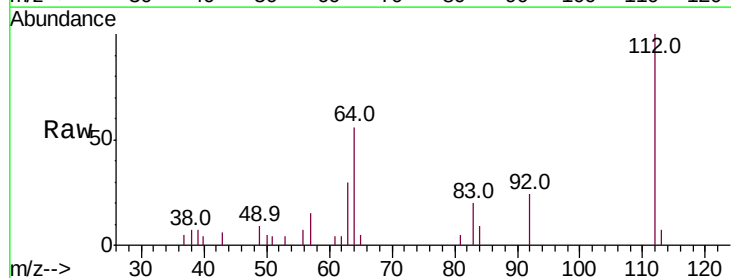
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



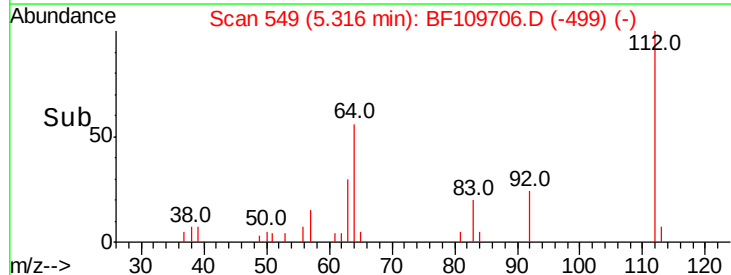
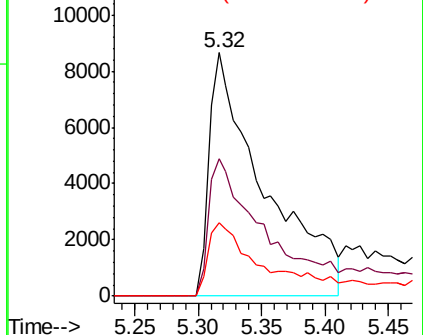
#5

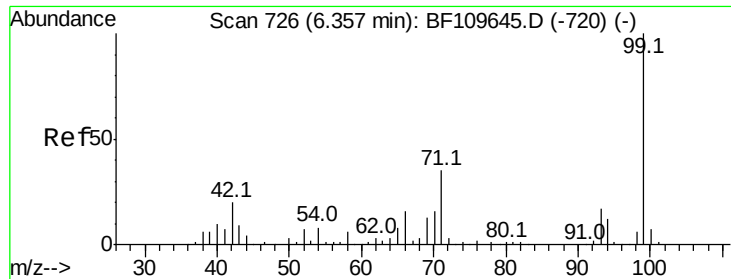
2-Fluorophenol
 Concen: 6.870 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109706.D
 Acq: 9 Oct 2018 20:27

Tgt Ion:112 Resp: 26325
 Ion Ratio Lower Upper
 112 100
 64 56.5 44.1 66.1
 63 30.0 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: 10.017 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109706.D

Acq: 9 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

NM-STONE-DRUM-3

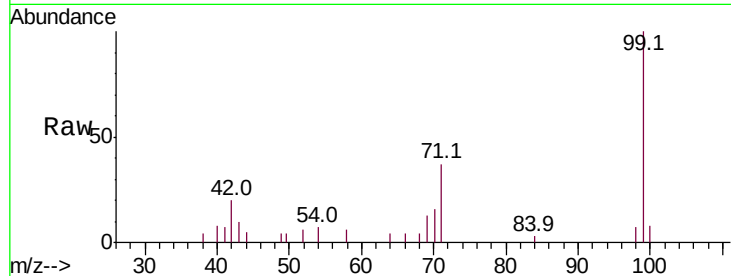
Tot Ion: 99 Resp: 51276

Ion Ratio Lower Upper

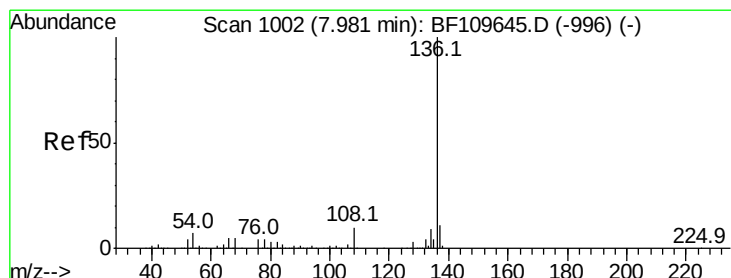
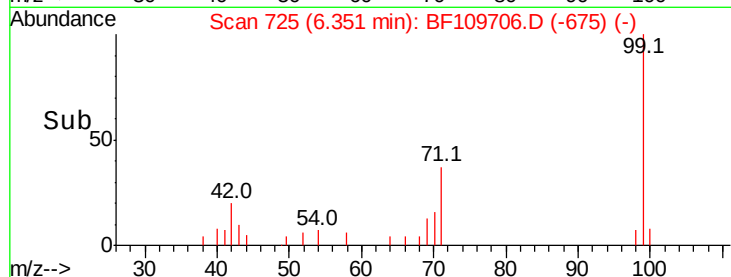
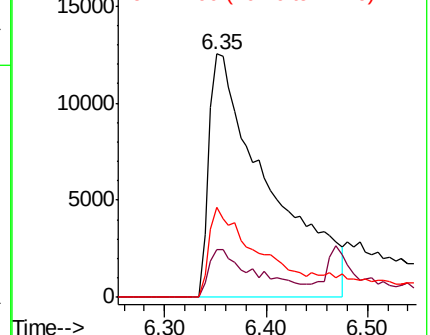
99 100

42 19.8 15.8 23.6

71 36.8 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109706.D

Acq: 9 Oct 2018 20:27

Tgt Ion: 136 Resp: 297747

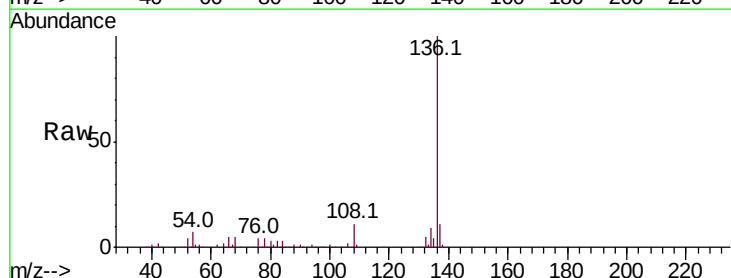
Ion Ratio Lower Upper

136 100

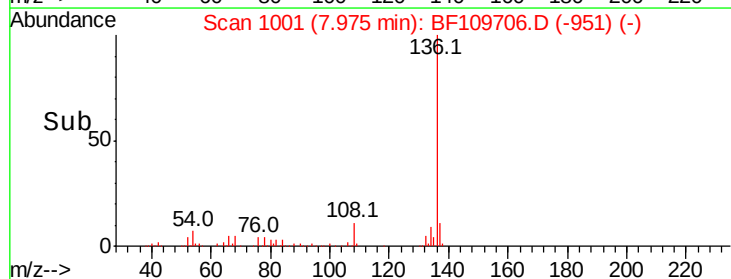
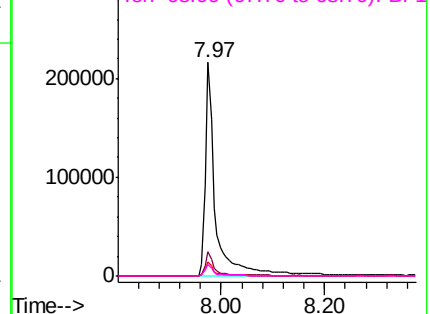
137 11.1 8.8 13.2

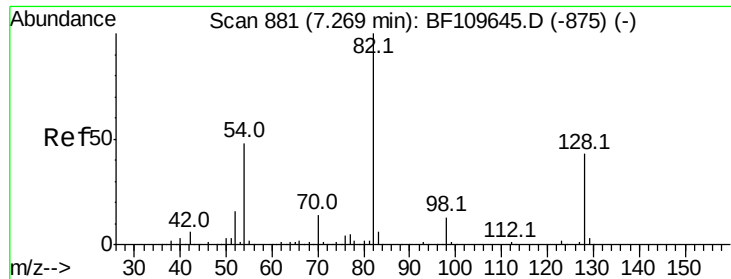
54 6.9 5.4 8.2

68 5.5 4.2 6.2



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

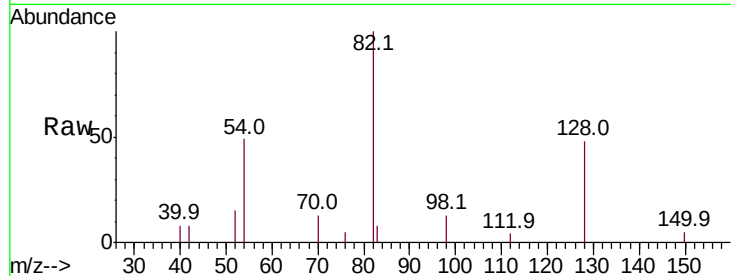




#23
 Nitrobenzene-d5
 Concen: 7.531 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF109706.D
 Acq: 9 Oct 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 NM-STONE-DRUM-3

Tot Ion	82	Resp	40681
Ion Ratio	Lower	Upper	
82	100		
128	48.3	34.2	51.2
54	49.3	38.6	58.0

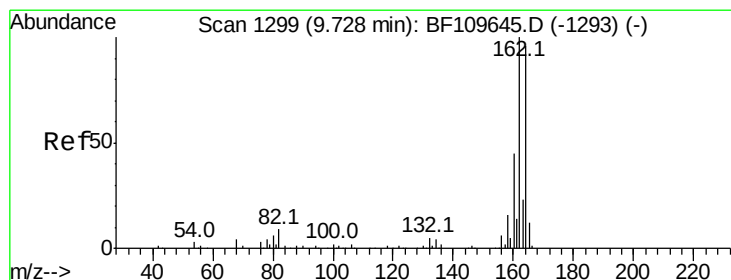
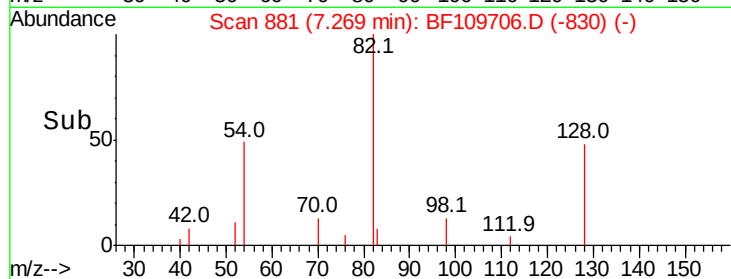
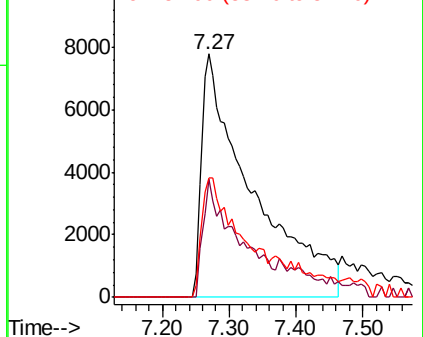


Abundance

Ion 82.00 (81.70 to 82.70): BF1

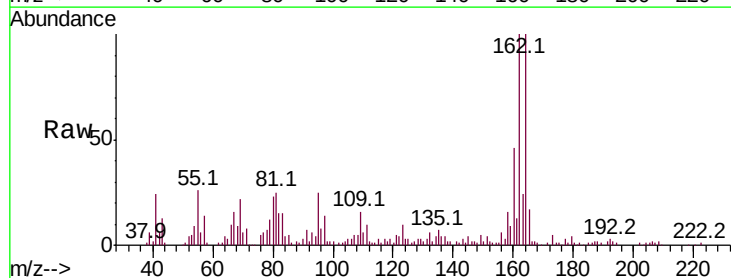
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109706.D
 Acq: 9 Oct 2018 20:27

Tgt Ion	164	Resp	113059
Ion Ratio	Lower	Upper	
164	100		
162	100.3	83.0	124.6
160	46.5	37.0	55.6

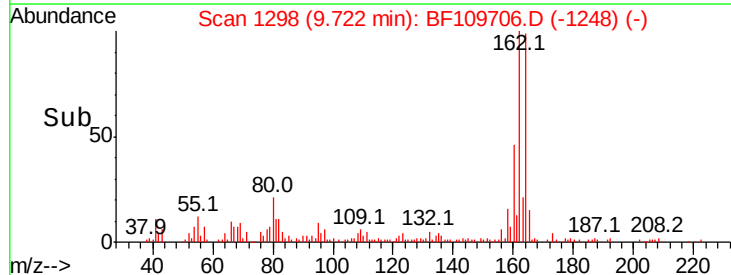
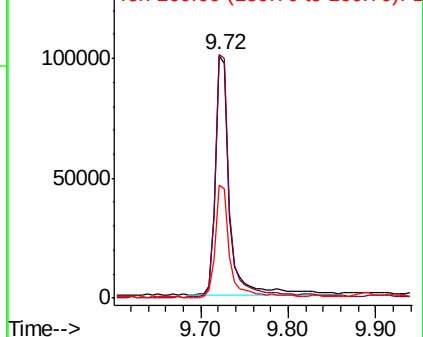


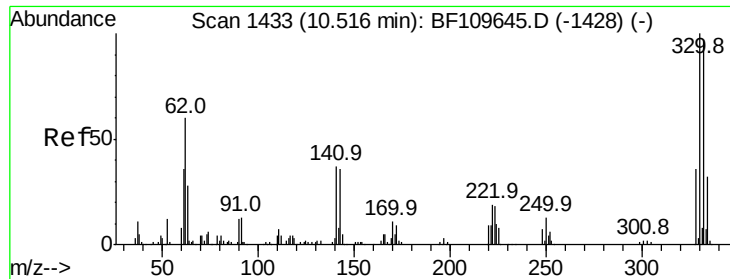
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

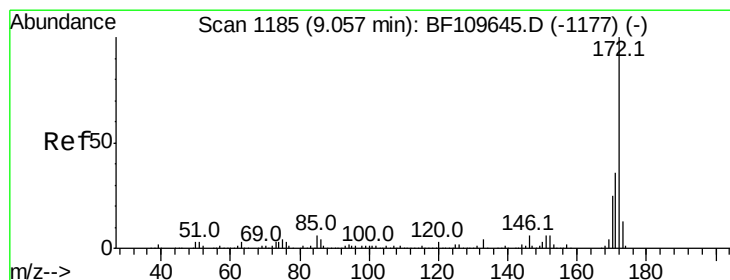
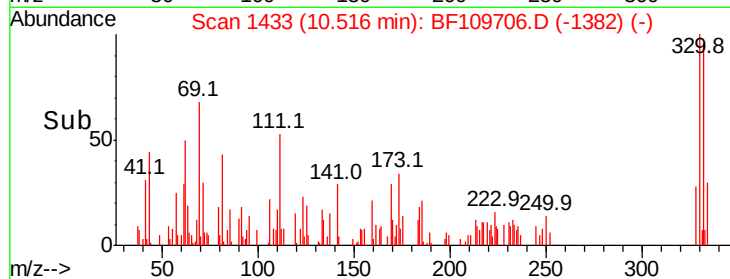
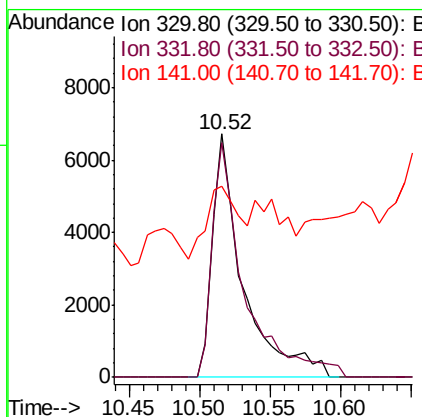
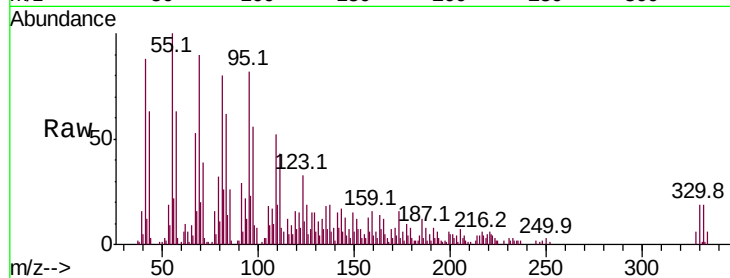




#41
 2,4,6-Tribromophenol
 Concen: 8.226 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109706.D
 Acq: 9 Oct 2018 20:27

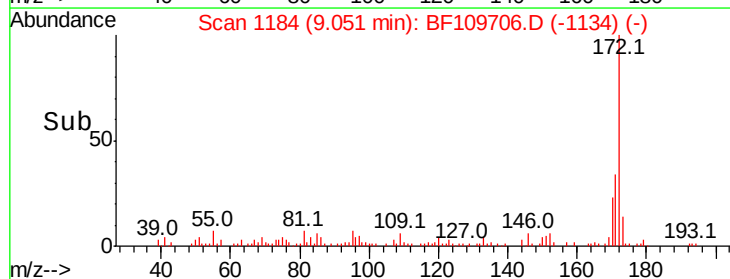
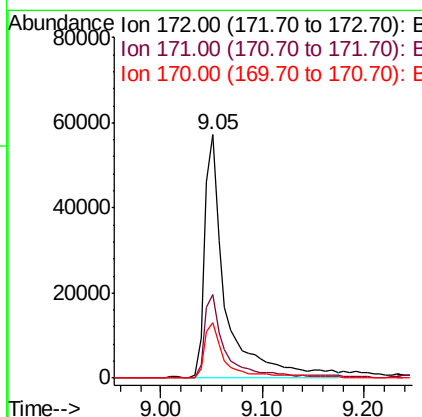
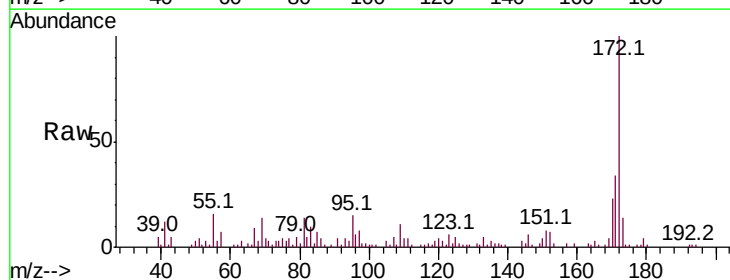
Instrument :
 BNA_F
 ClientSampleId :
 NM-STONE-DRUM-3

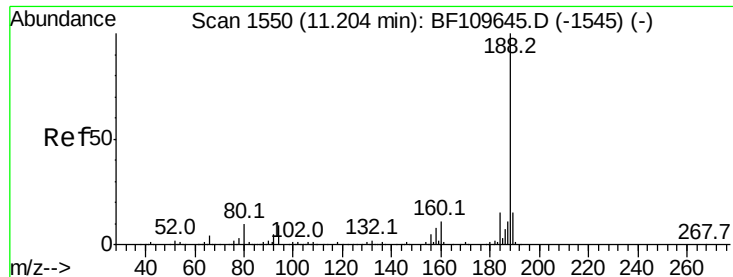
Tot Ion:330 Resp: 10133
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.1 115.7
 141 31.4 27.0 40.4



#44
 2-Fluorobiphenyl
 Concen: 10.043 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109706.D
 Acq: 9 Oct 2018 20:27

Tgt Ion:172 Resp: 82445
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 22.9 19.7 29.5

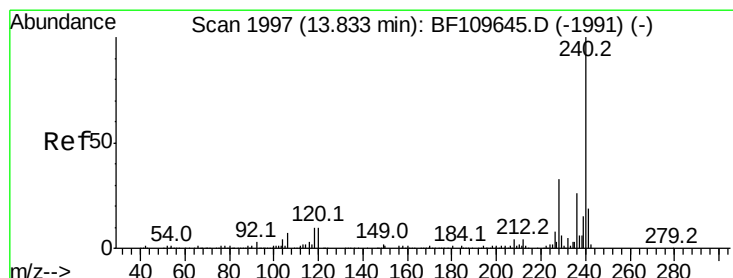
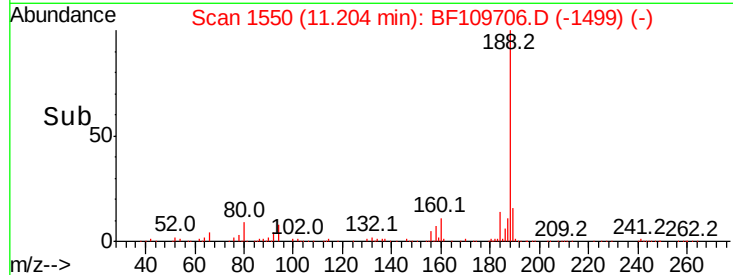
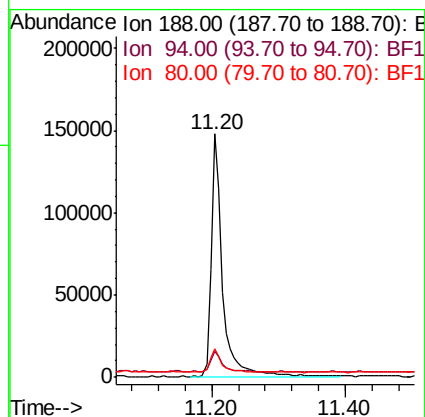
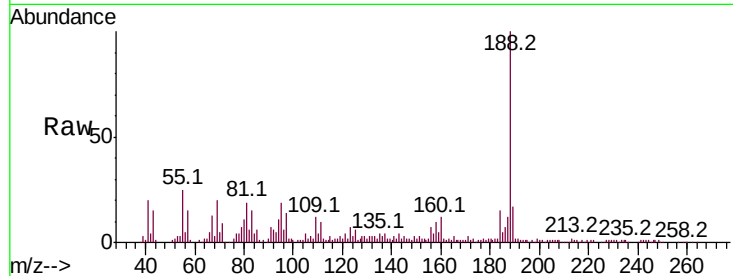




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109706.D
Acq: 9 Oct 2018 20:27

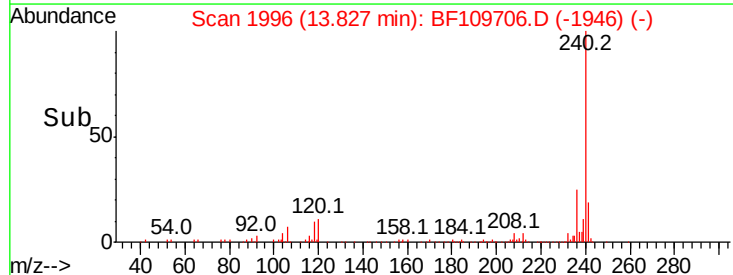
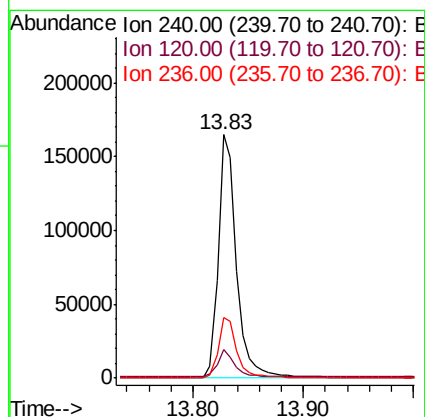
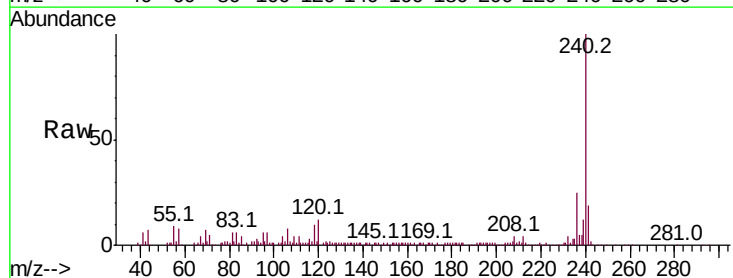
Instrument :
BNA_F
ClientSampleId :
NM-STONE-DRUM-3

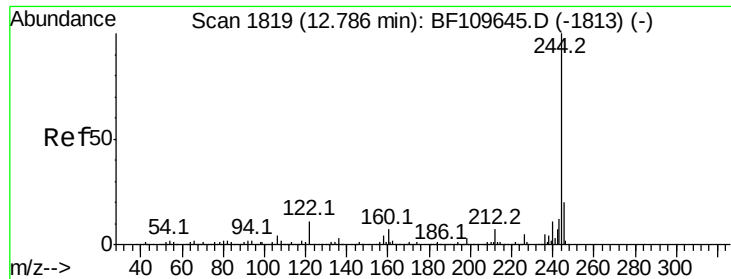
Tot Ion:188 Resp: 175967
Ion Ratio Lower Upper
188 100
94 10.9 7.2 10.8#
80 11.5 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109706.D
Acq: 9 Oct 2018 20:27

Tgt Ion:240 Resp: 189001
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 7.112 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109706.D

Acq: 9 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

NM-STONE-DRUM-3

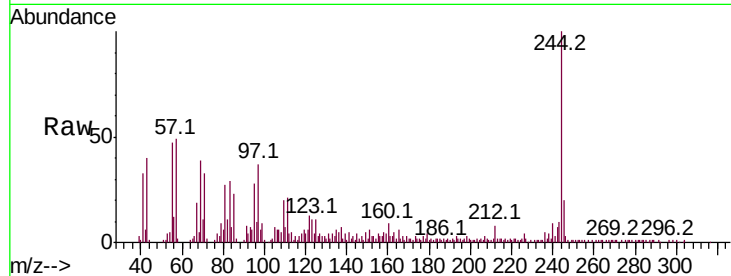
Tot Ion:244 Resp: 69436

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

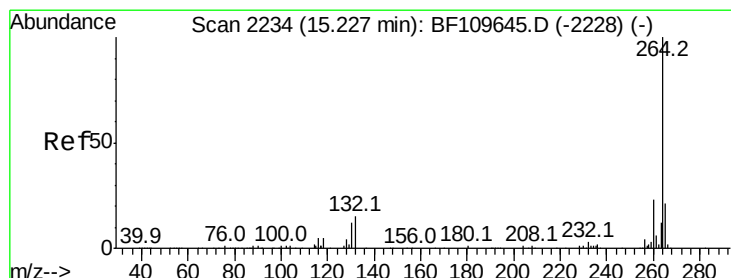
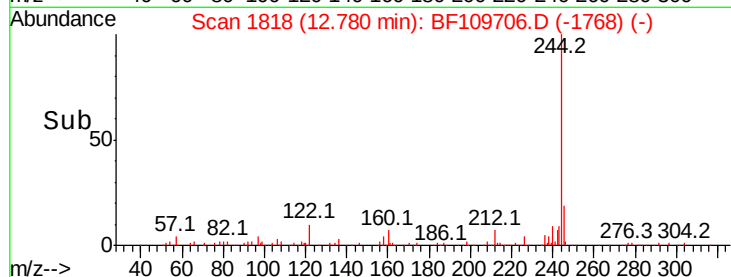
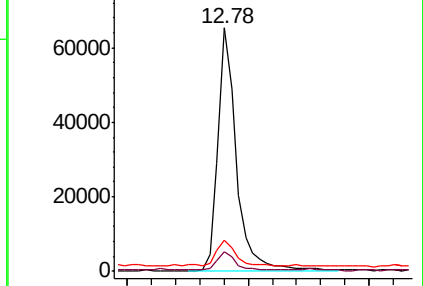
122 12.6 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109706.D

Acq: 9 Oct 2018 20:27

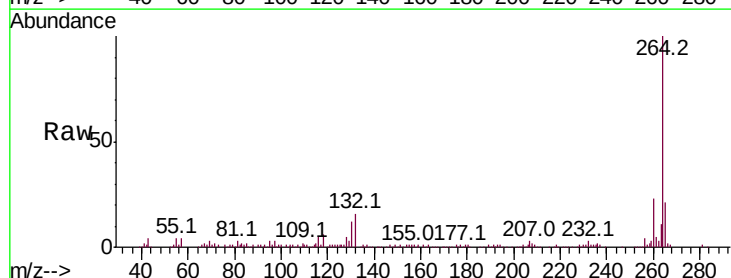
Tgt Ion:264 Resp: 163995

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.1 16.7 25.1



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

