

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109636.D
 Acq On : 6 Oct 2018 4:05
 Operator : JU/SJ
 Sample : J5264-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-B

Quant Time: Oct 06 07:15:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	90459	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	334824	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	138010	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	229537	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224929	20.00	ng	-0.01
86) Perylene-d12	15.23	264	183683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	192737	35.09	ng	0.00
7) Phenol-d6	6.35	99	153509	21.90	ng	-0.01
23) Nitrobenzene-d5	7.26	82	581427	102.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	117313	86.23	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	975197	106.57	ng	-0.02
78) Terphenyl-d14	12.79	244	767235	83.71	ng	-0.02

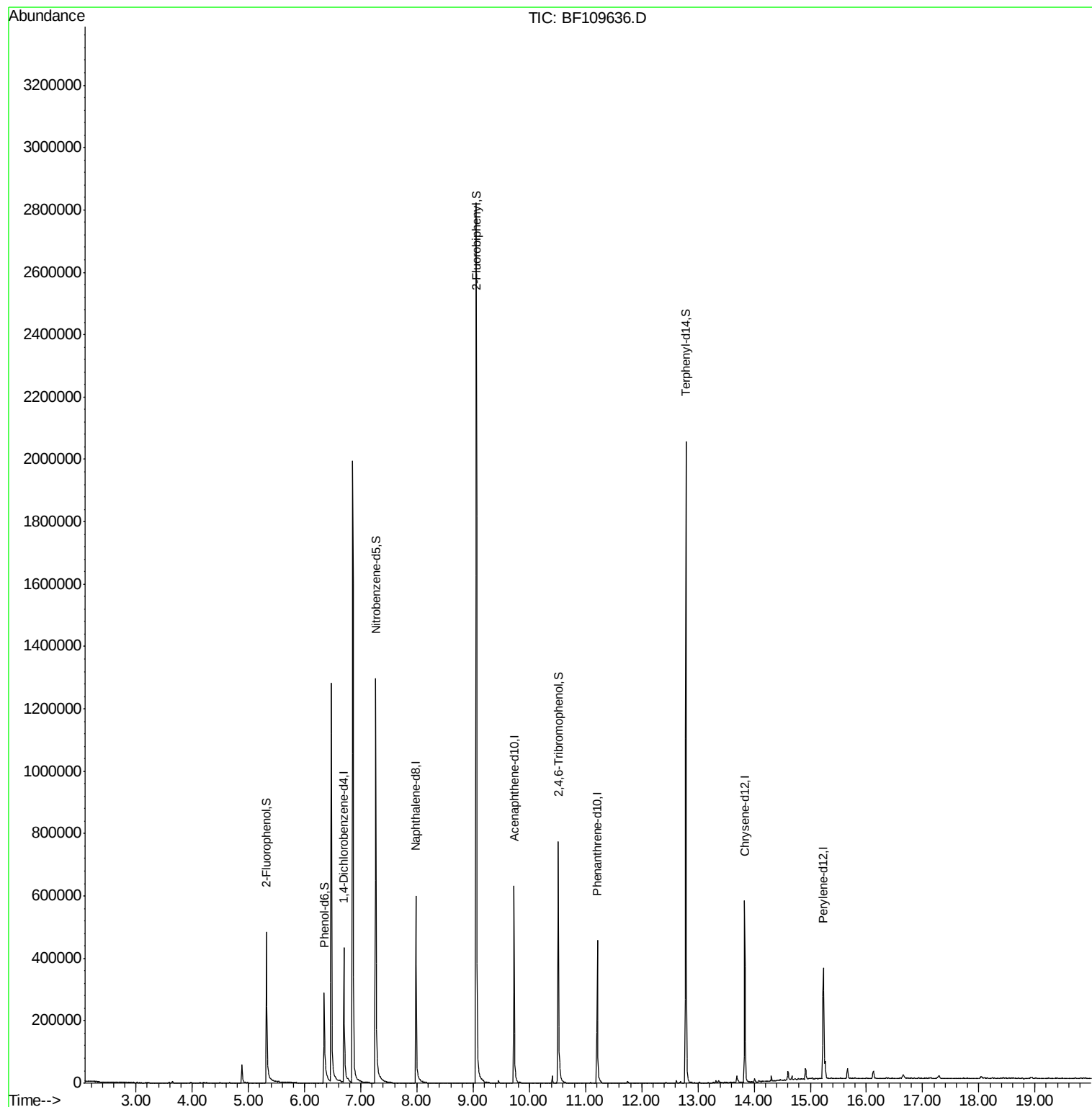
Target Compounds Qvalue

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

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QLast Update : Sat Sep 22 13:32:18 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-B

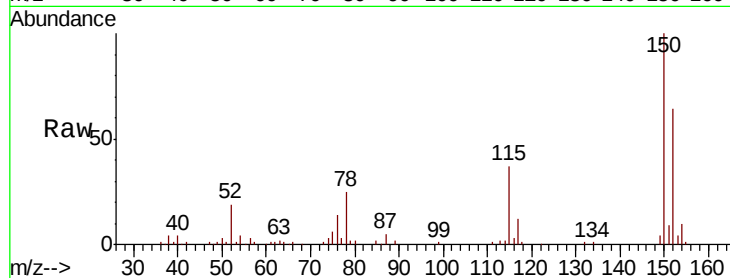
Tot Ion:152 Resp: 90459

Ion Ratio Lower Upper

152 100

150 155.3 124.6 186.8

115 57.4 50.1 75.1

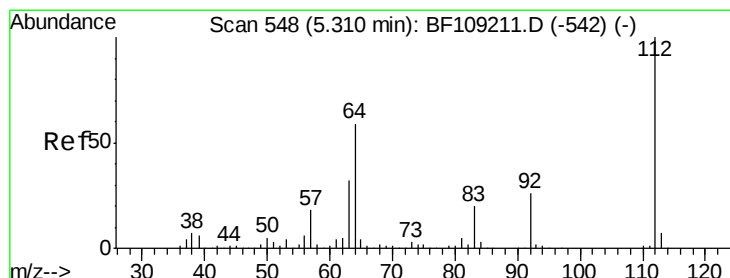
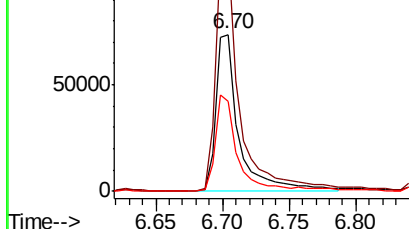
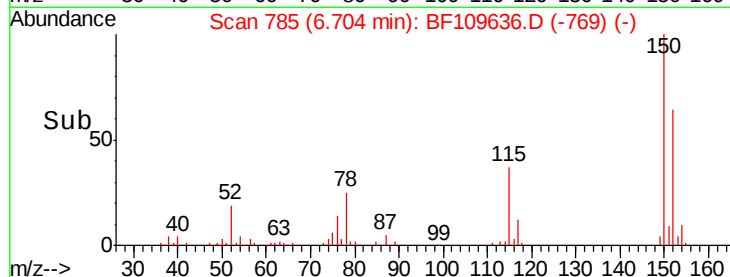


Abundance

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: 35.094 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

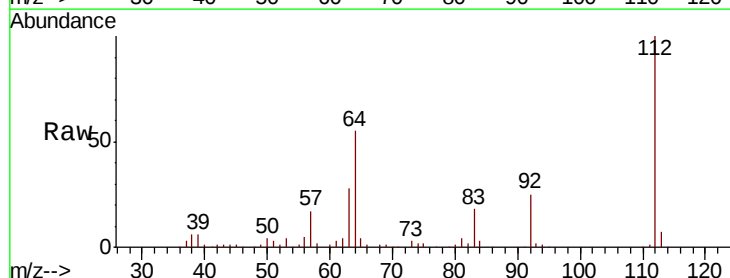
Tgt Ion:112 Resp: 192737

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

63 27.8 23.7 35.5

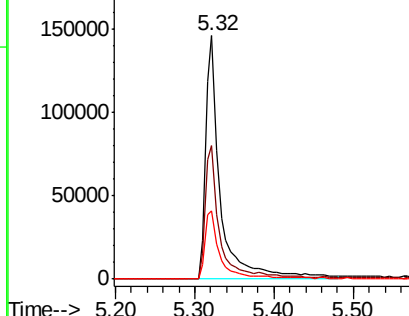
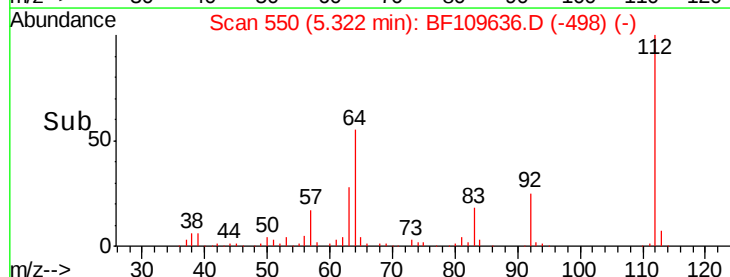


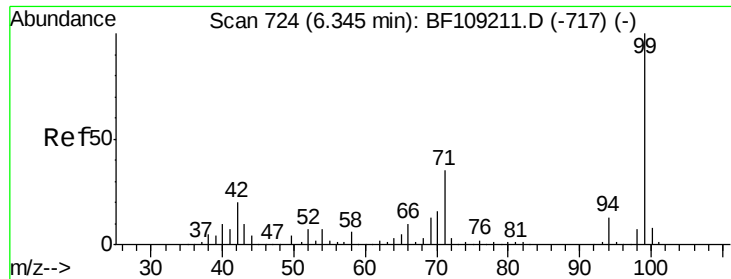
Abundance

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: 21.904 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-B

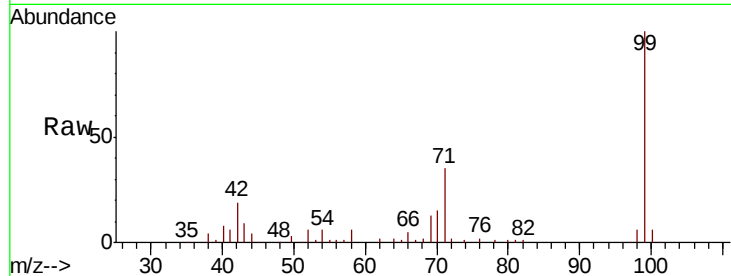
Tot Ion: 99 Resp: 153509

Ion Ratio Lower Upper

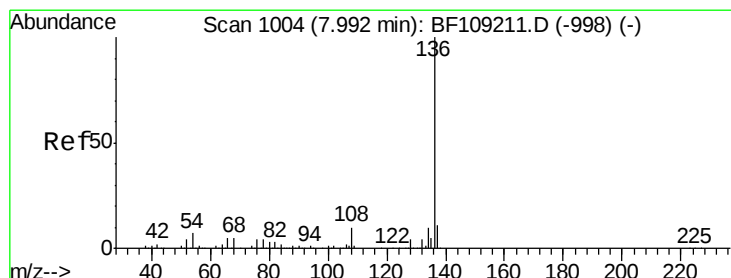
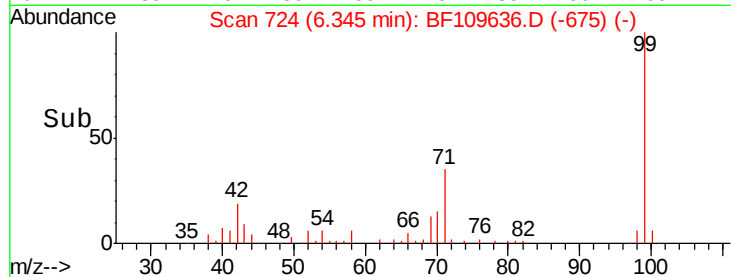
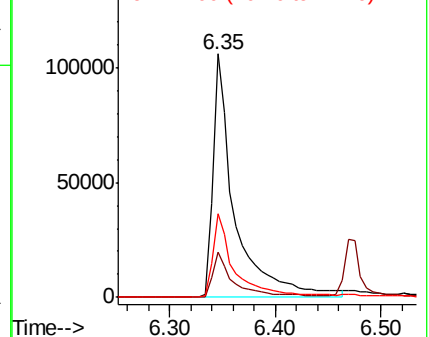
99 100

42 18.7 14.5 21.7

71 34.6 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Tgt Ion: 136 Resp: 334824

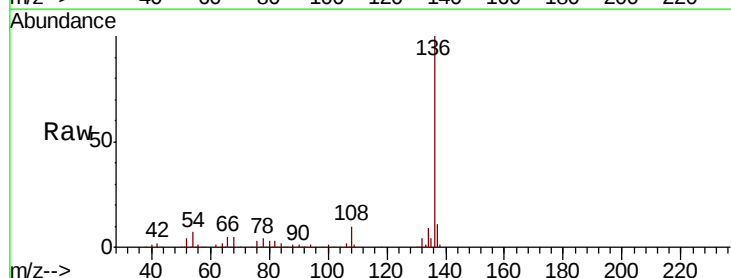
Ion Ratio Lower Upper

136 100

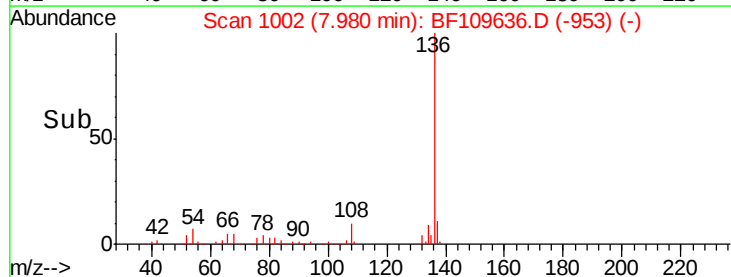
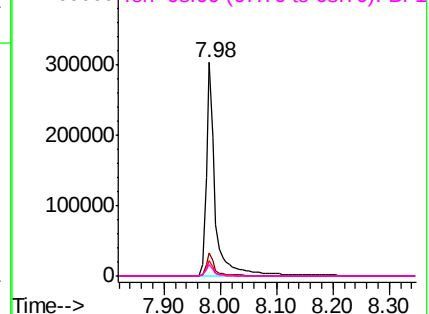
137 10.9 8.9 13.3

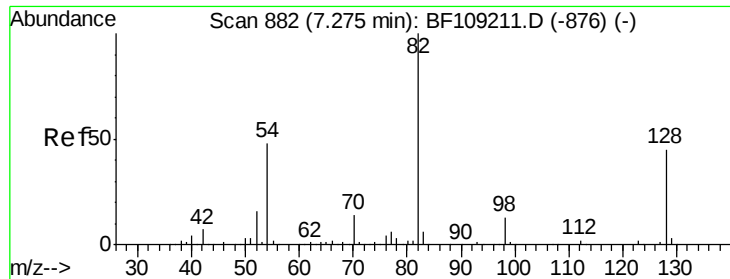
54 7.2 6.6 9.8

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

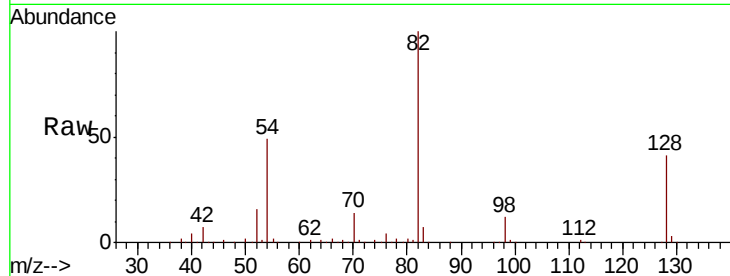




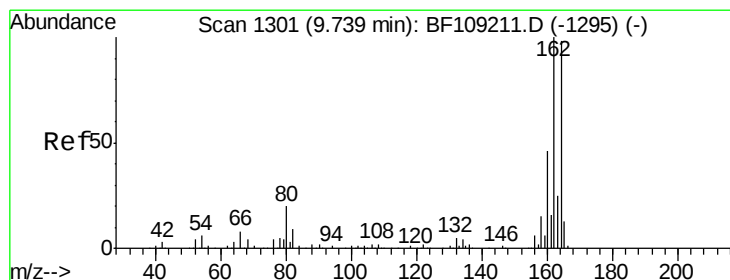
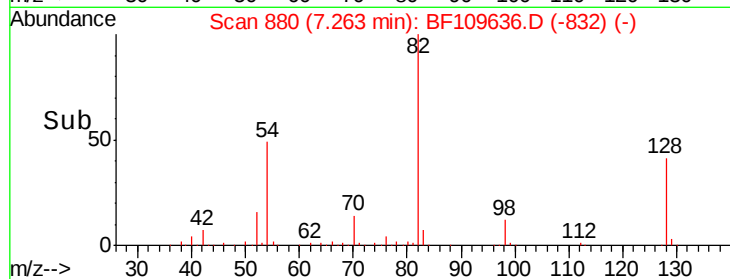
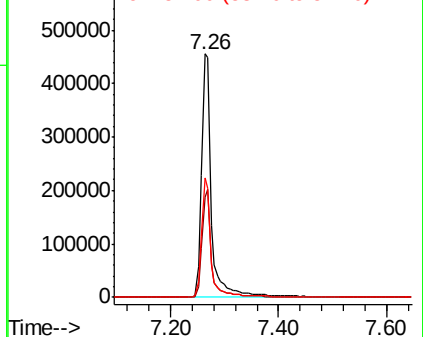
#23
Nitrobenzene-d5
Concen: 102.509 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-U-B

Tot Ion	82	Resp	581427
Ion Ratio	100	Lower	Upper
128	41.3	36.1	54.1
54	48.9	41.4	62.2

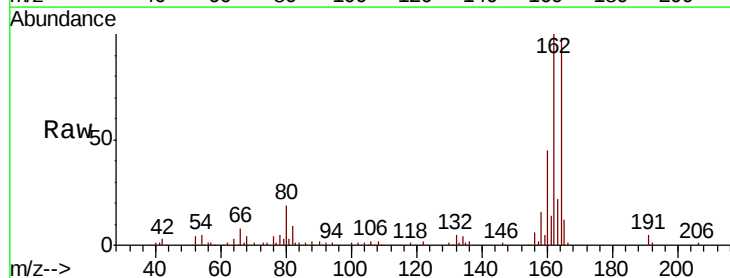


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

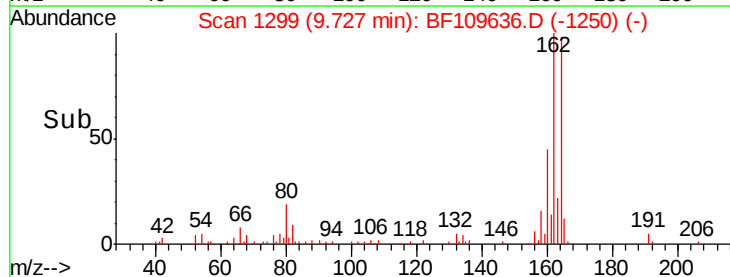
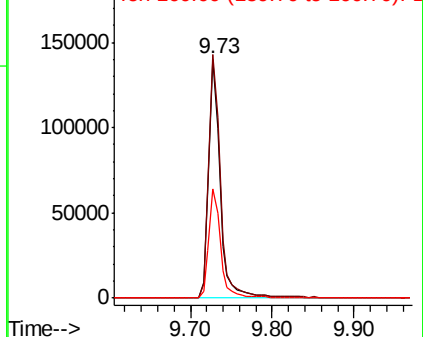


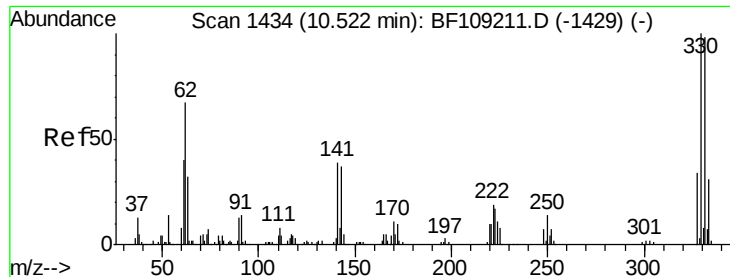
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

Tgt Ion	164	Resp	138010
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.0	86.1	129.1
160	45.9	38.3	57.5



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

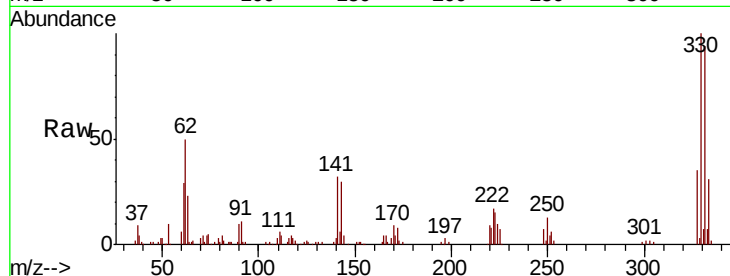




#41
 2,4,6-Tribromophenol
 Concen: 86.228 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	33.6	29.9	44.9

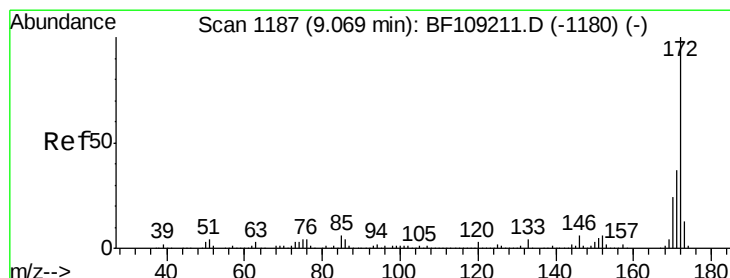
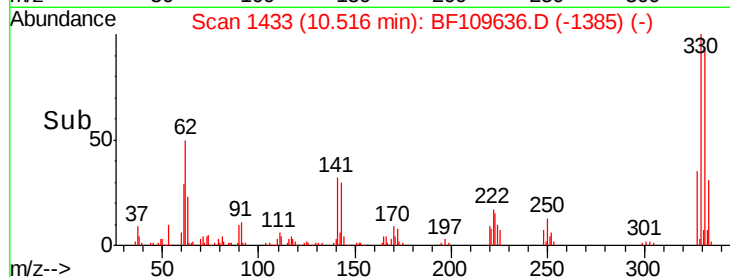
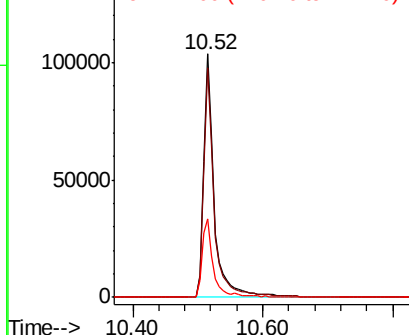


Abundance

Ion 329.80 (329.50 to 330.50): E

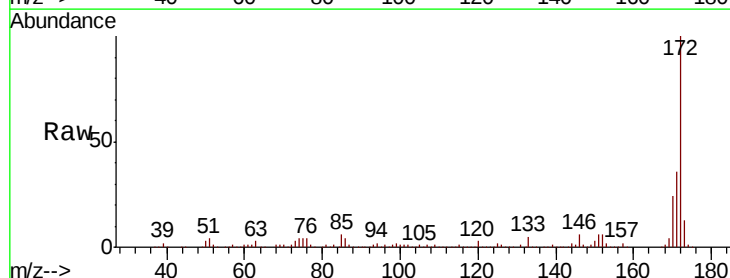
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.571 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

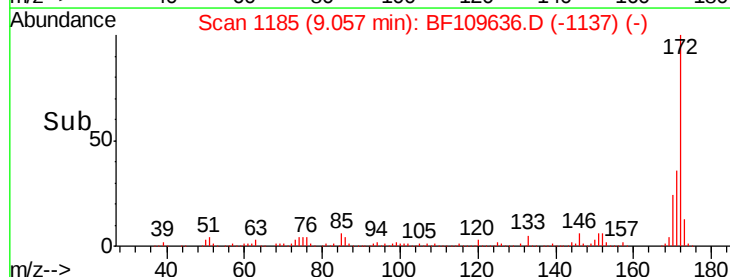
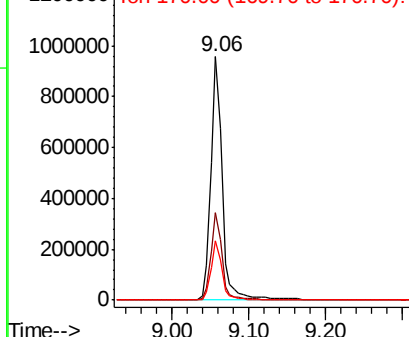


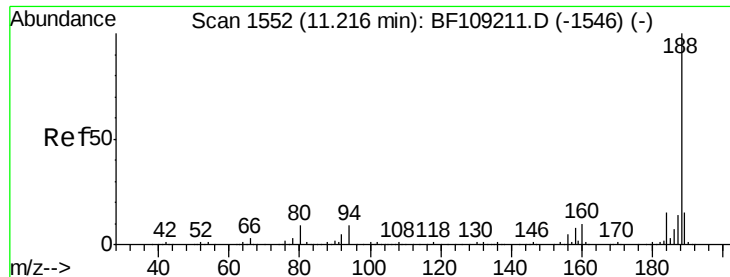
Abundance

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

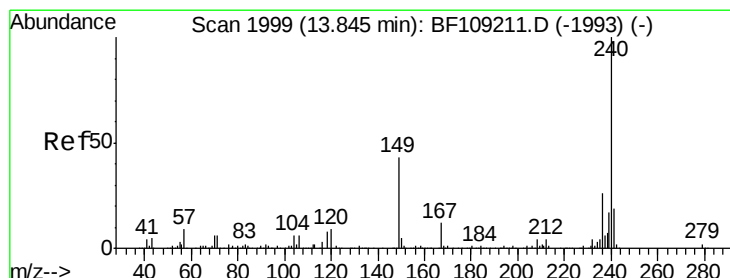
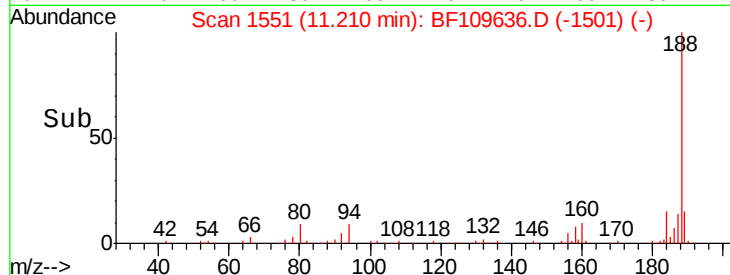
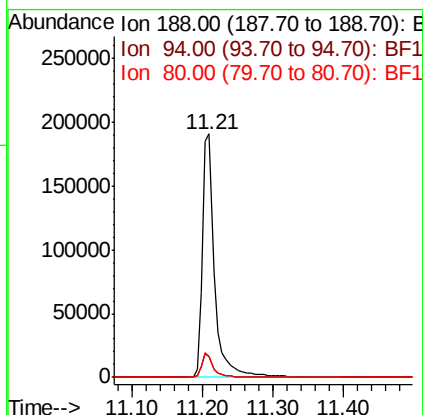
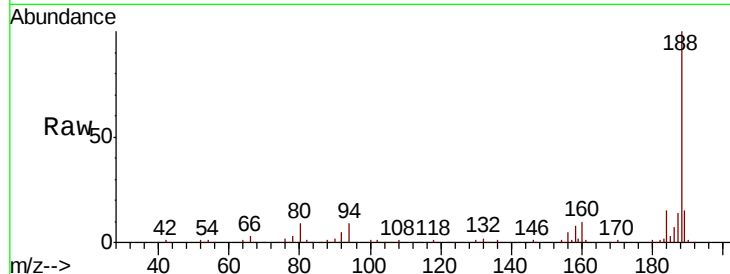




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

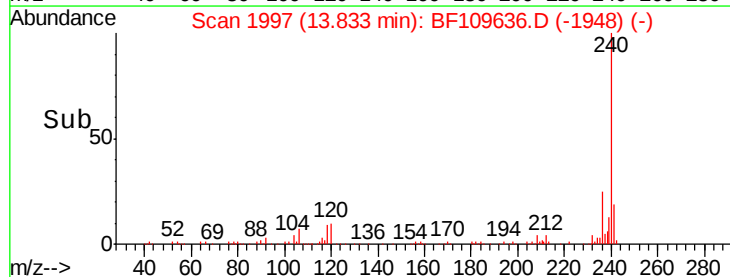
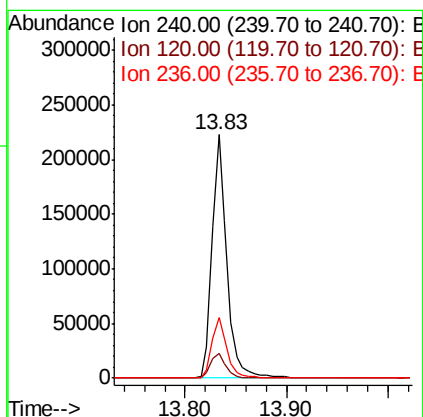
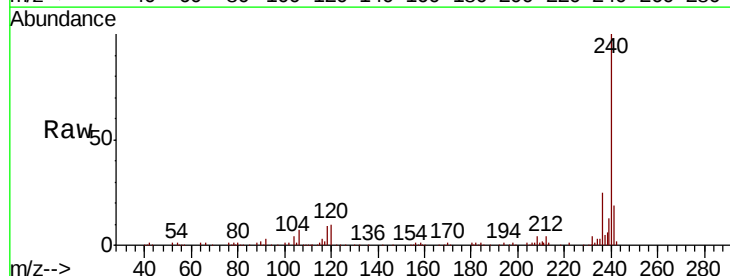
Instrument :
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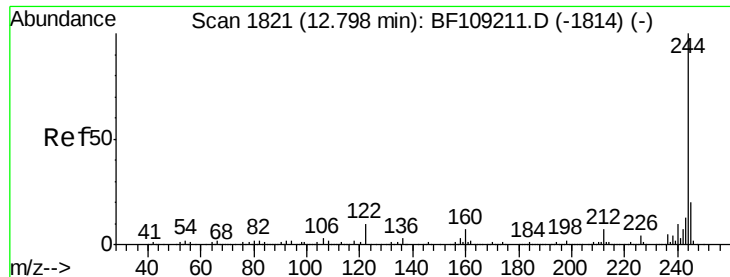
Tot Ion:188 Resp: 229537
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 8.7 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

Tgt Ion:240 Resp: 224929
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 83.712 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-B

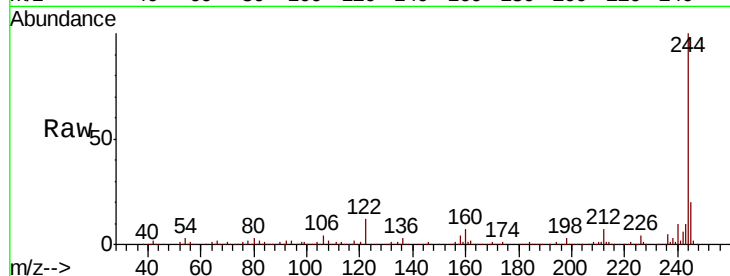
Tot Ion:244 Resp: 767235

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

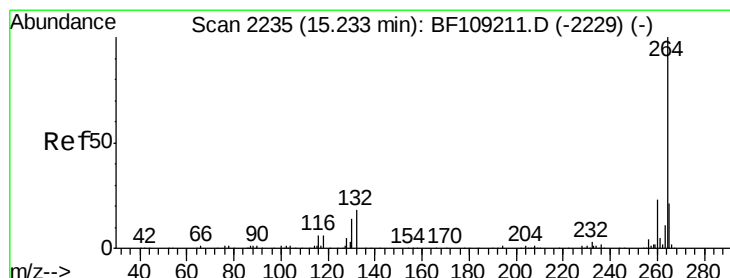
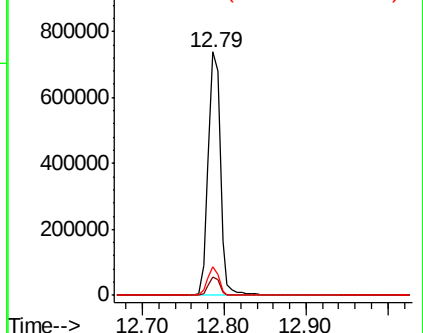
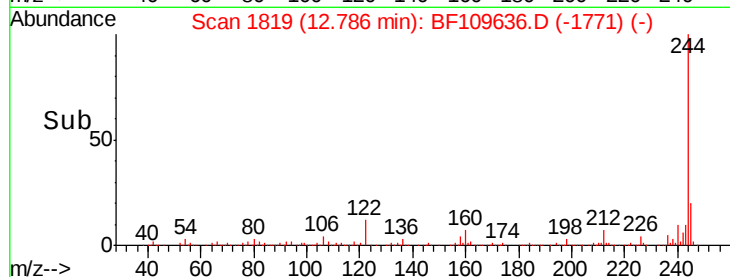
122 11.8 11.0 16.4



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

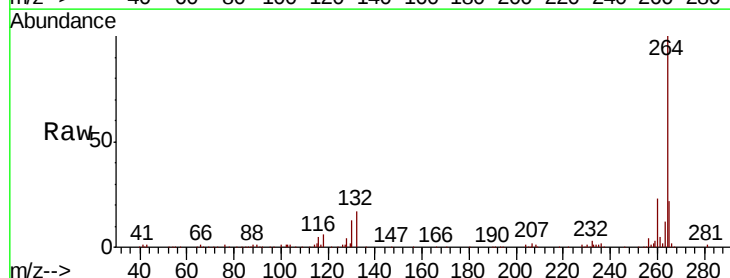
Tgt Ion:264 Resp: 183683

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 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

