

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109421.D
 Acq On : 28 Sep 2018 8:46
 Operator : JU/SJ
 Sample : J5133-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-D-B

Quant Time: Sep 28 11:57:55 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

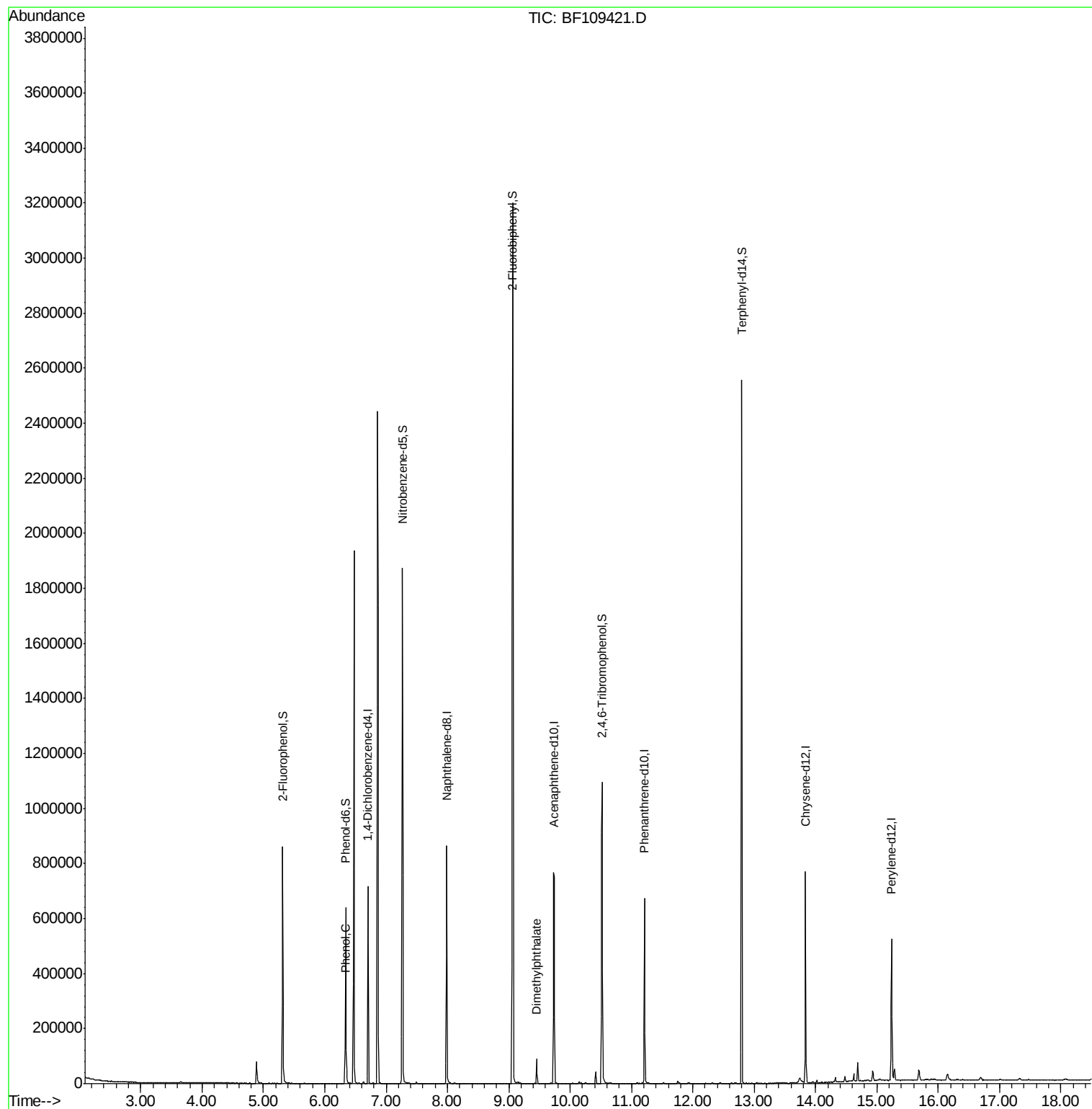
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100626	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	358349	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	156022	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	260642	20.00	ng	0.00
75) Chrysene-d12	13.84	240	241285	20.00	ng	0.00
86) Perylene-d12	15.24	264	235691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	251349	41.14	ng	0.00
7) Phenol-d6	6.34	99	204807	26.27	ng	-0.02
23) Nitrobenzene-d5	7.27	82	616938	101.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	135635	88.19	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1061885	102.65	ng	-0.01
78) Terphenyl-d14	12.80	244	884529	89.97	ng	0.00
Target Compounds						
10) Phenol	6.35	94	21742	2.463	ng	98
49) Dimethylphthalate	9.46	163	39055	3.442	ng	# 96

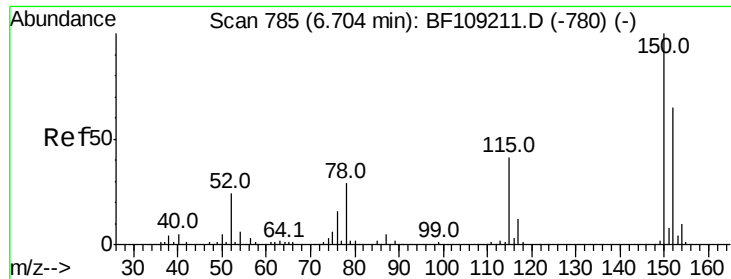
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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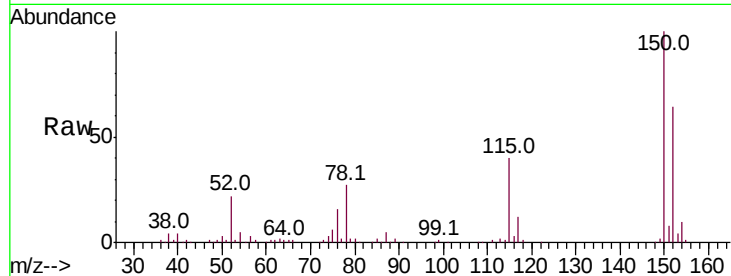


#1

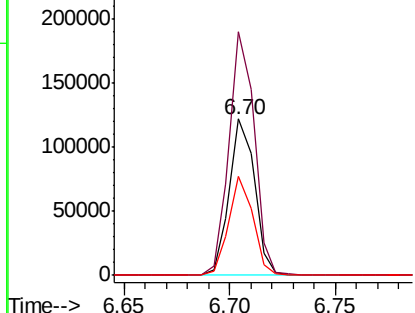
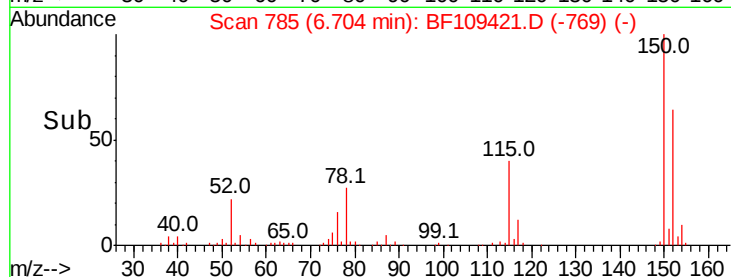
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109421.D
Acq: 28 Sep 2018 8:46

Instrument :
BNA_F
ClientSampleId :
092618-SIDI-F-D-B

Tot Ion:152 Resp: 100626
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.9 50.1 75.1



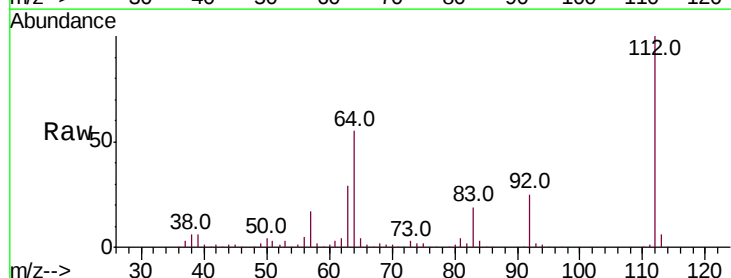
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



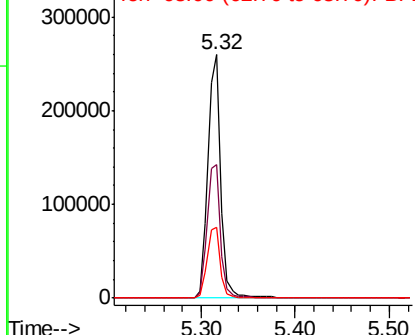
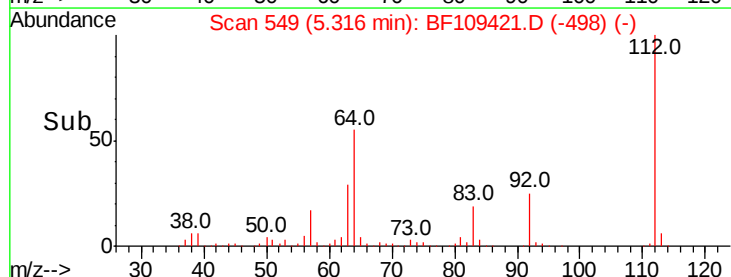
#5

2-Fluorophenol
Concen: 41.142 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109421.D
Acq: 28 Sep 2018 8:46

Tgt Ion:112 Resp: 251349
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 28.9 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: 26.272 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109421.D

Acq: 28 Sep 2018 8:46

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-D-B

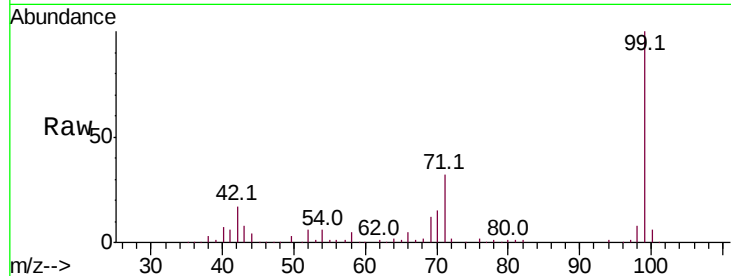
Tot Ion: 99 Resp: 204807

Ion Ratio Lower Upper

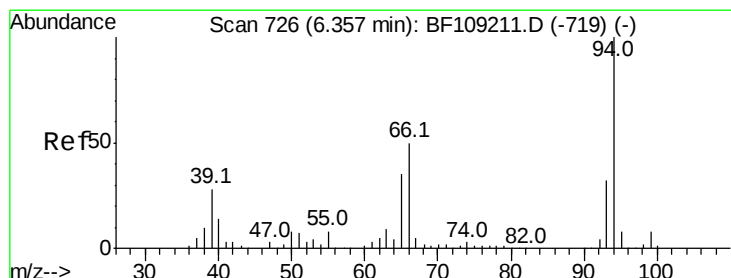
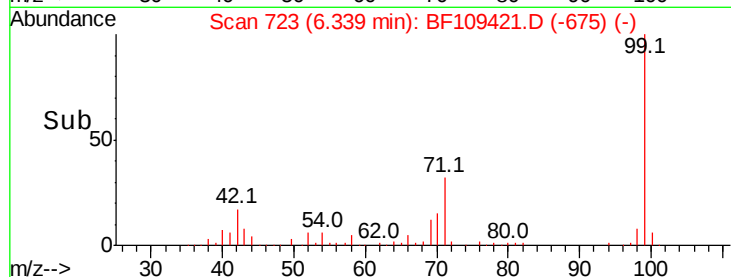
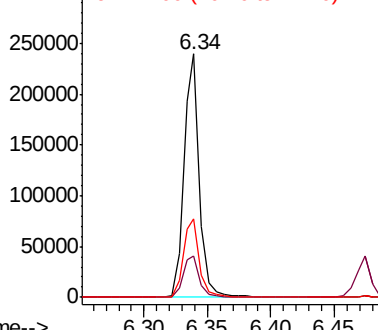
99 100

42 16.8 14.5 21.7

71 32.0 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



#10

Phenol

Concen: 2.463 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109421.D

Acq: 28 Sep 2018 8:46

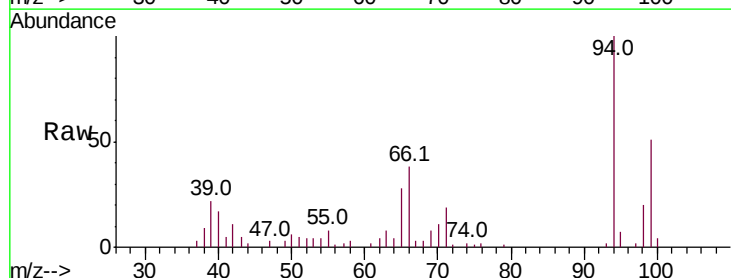
Tgt Ion: 94 Resp: 21742

Ion Ratio Lower Upper

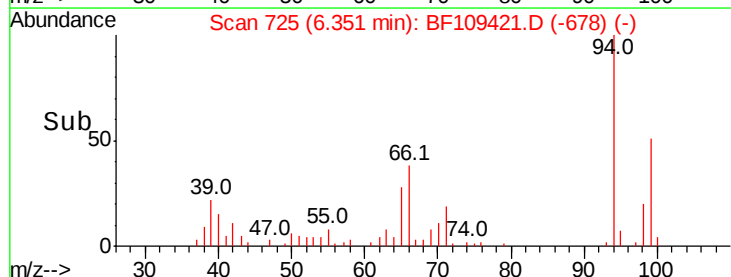
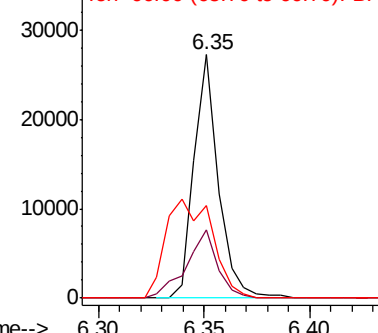
94 100

65 28.2 7.9 47.9

66 38.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109421.D

Acq: 28 Sep 2018 8:46

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-D-B

Tot Ion:136 Resp: 358349

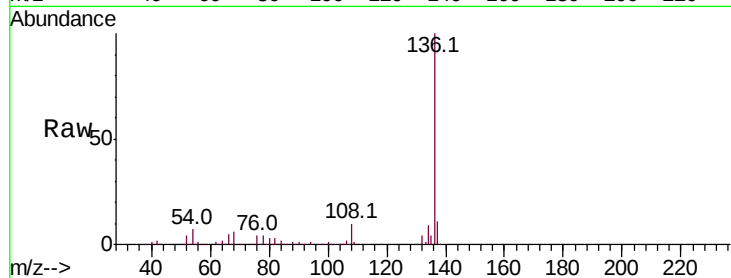
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

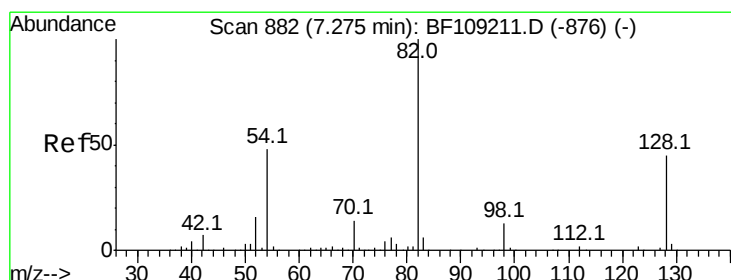
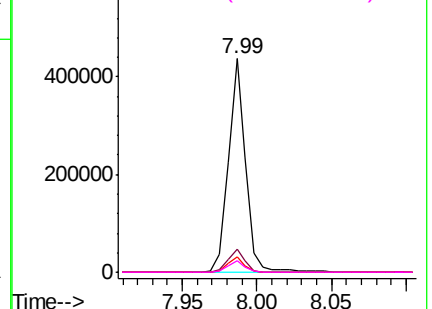
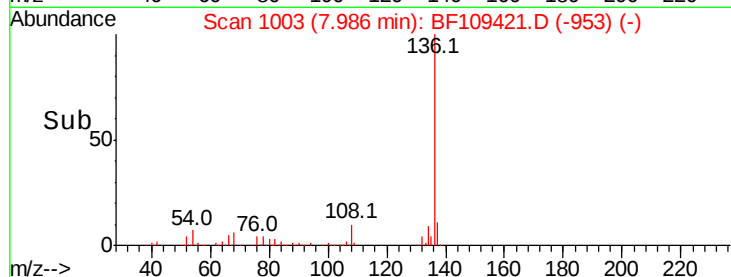


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.629 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109421.D

Acq: 28 Sep 2018 8:46

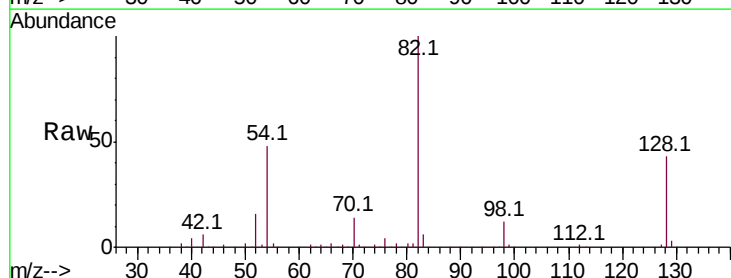
Tgt Ion: 82 Resp: 616938

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

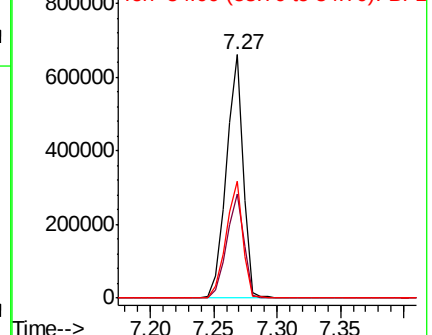
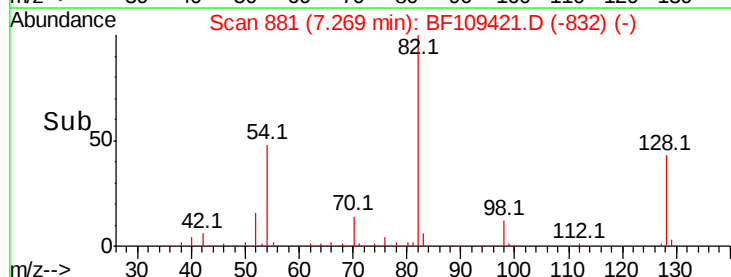
54 47.9 41.4 62.2

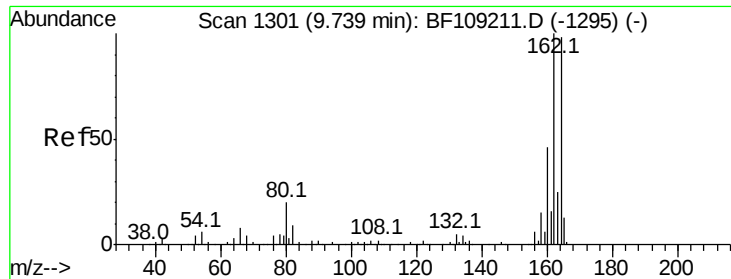


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

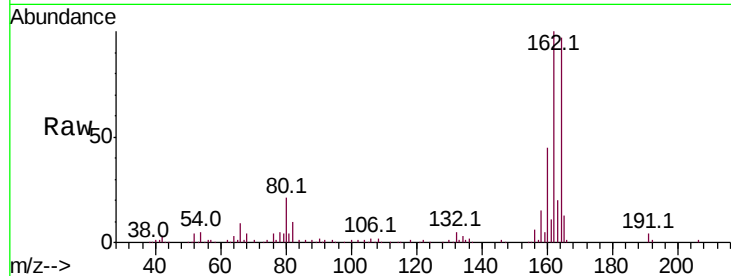




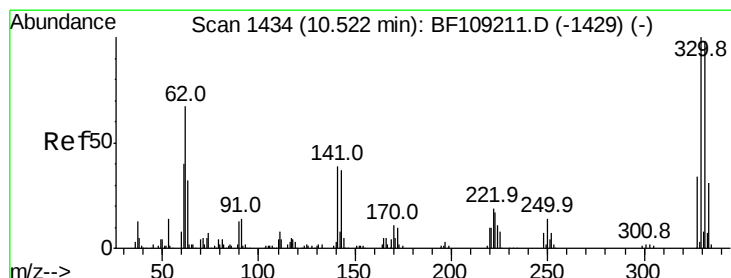
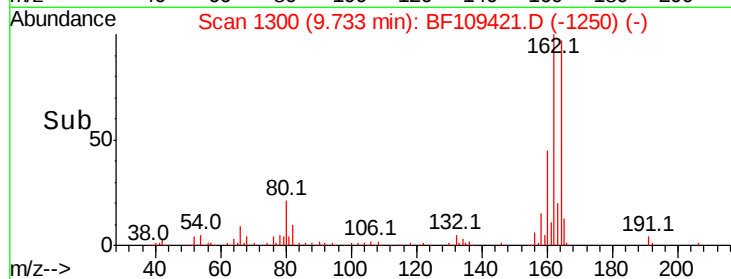
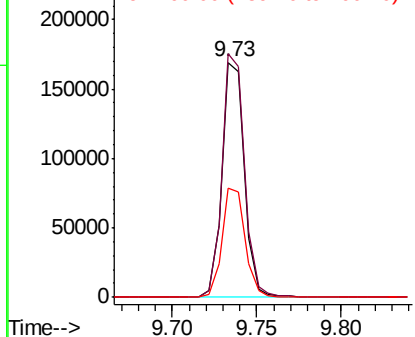
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109421.D
 Acq: 28 Sep 2018 8:46

Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.2	38.3	57.5

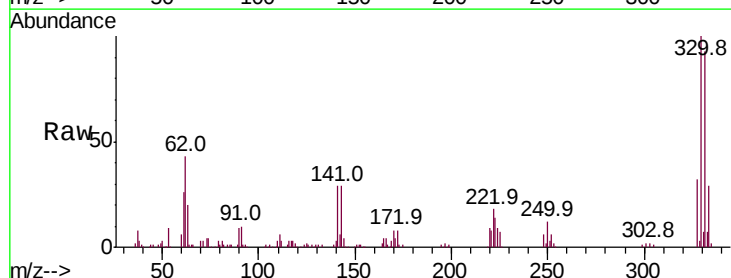


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

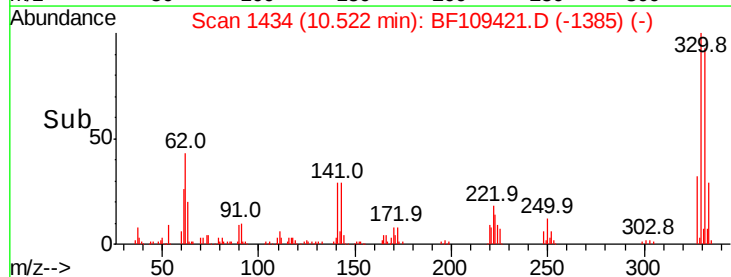
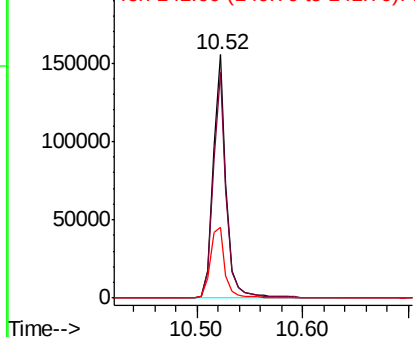


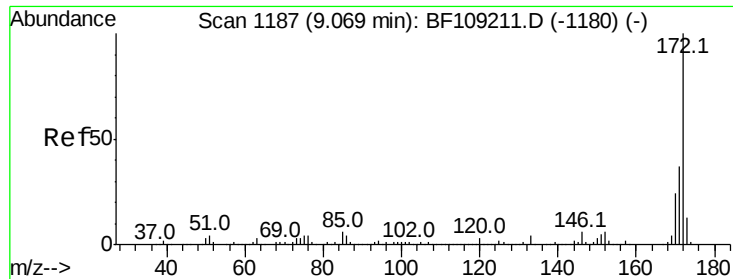
#41
 2,4,6-Tribromophenol
 Concen: 88.186 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109421.D
 Acq: 28 Sep 2018 8:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	32.4	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



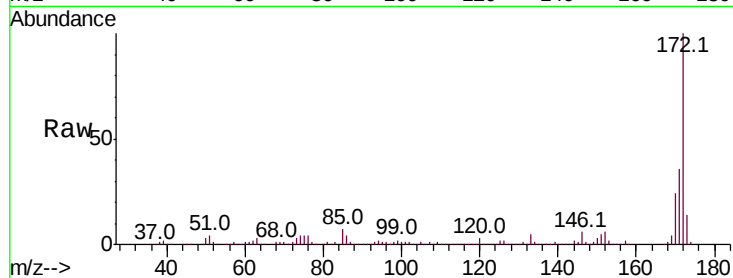


#44
 2-Fluorobiphenyl
 Concen: 102.647 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109421.D
 Acq: 28 Sep 2018 8:46

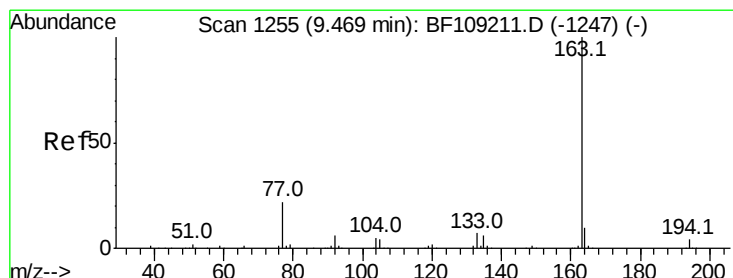
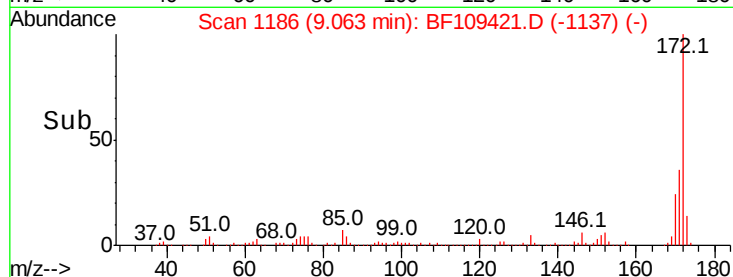
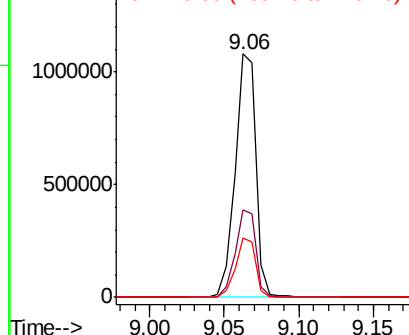
Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-D-B

Tot Ion:172 Resp: 1061885

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



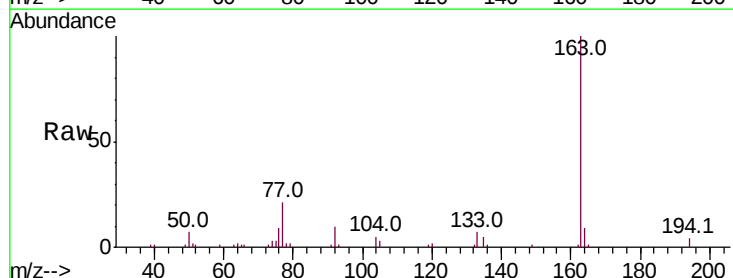
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



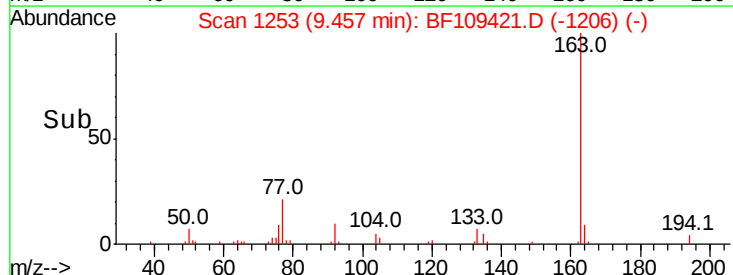
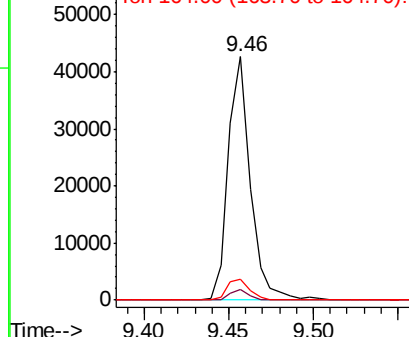
#49
 Dimethylphthalate
 Concen: 3.442 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109421.D
 Acq: 28 Sep 2018 8:46

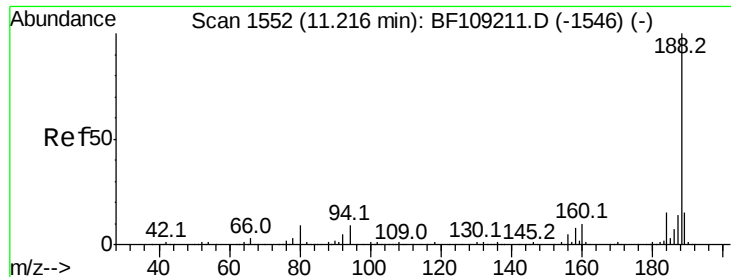
Tgt Ion:163 Resp: 39055

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	8.6	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

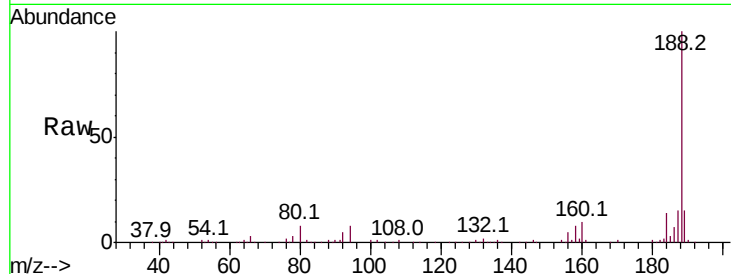




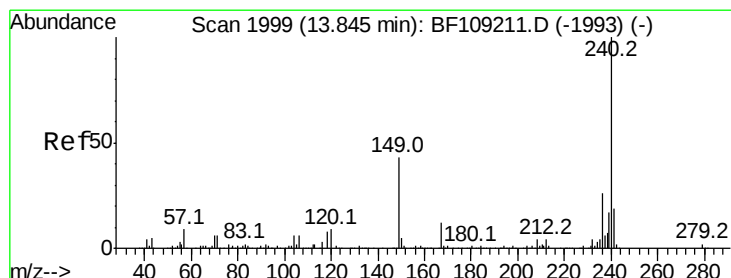
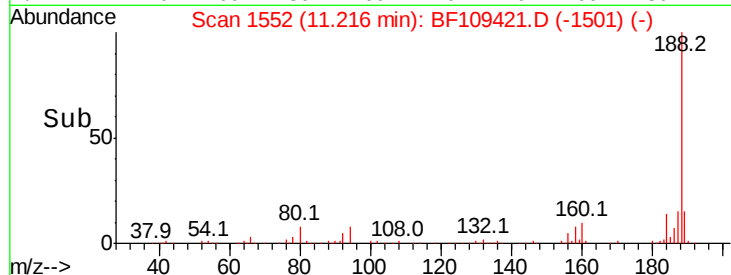
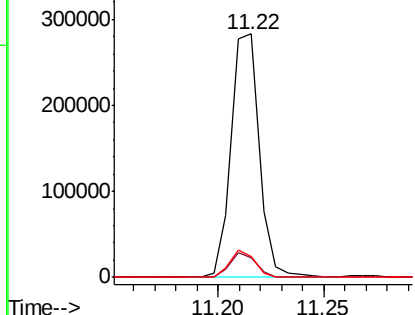
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109421.D
Acq: 28 Sep 2018 8:46

Instrument :
BNA_F
ClientSampleId :
092618-SIDI-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.4	9.2	13.8#

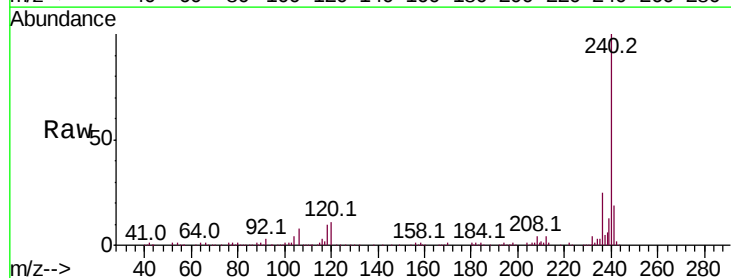


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

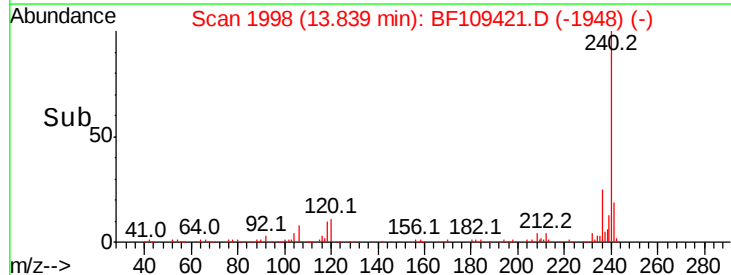
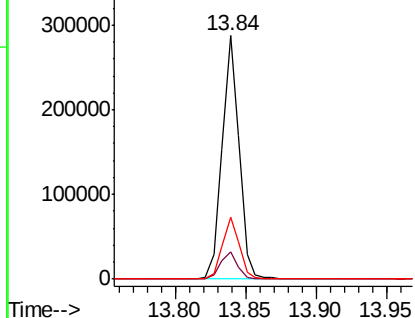


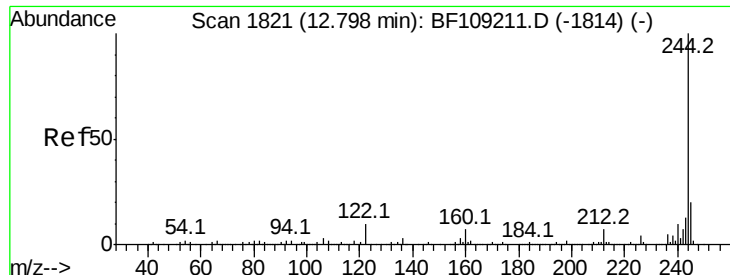
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109421.D
Acq: 28 Sep 2018 8:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.4	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: 89.967 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109421.D

Acq: 28 Sep 2018 8:46

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-D-B

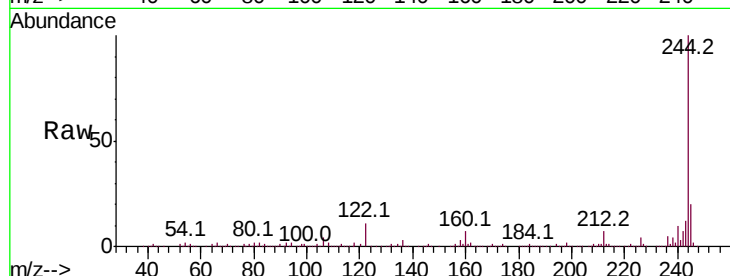
Tot Ion:244 Resp: 884529

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

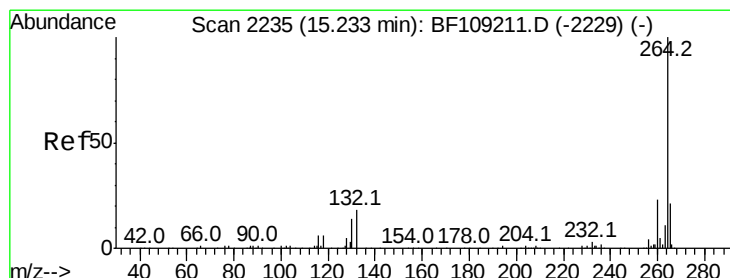
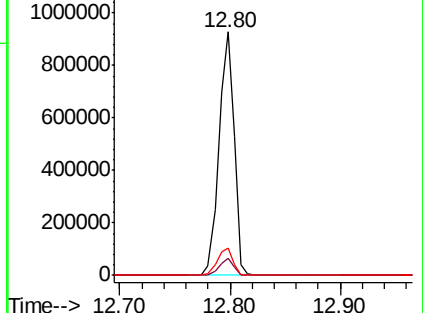
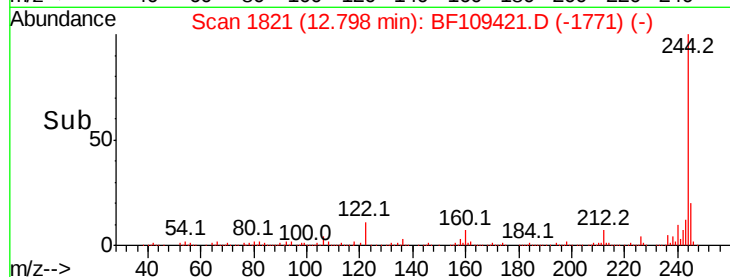
122 11.3 11.0 16.4



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109421.D

Acq: 28 Sep 2018 8:46

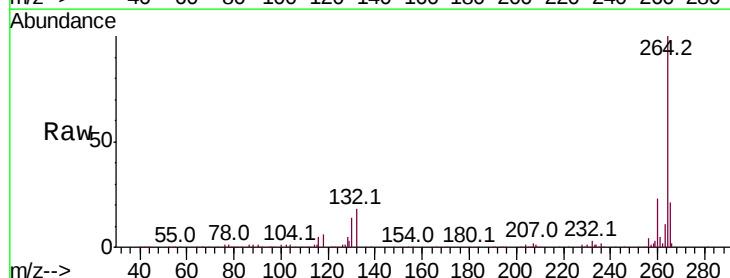
Tgt Ion:264 Resp: 235691

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 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

