

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109427.D
 Acq On : 28 Sep 2018 11:24
 Operator : JU/SJ
 Sample : J5133-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Sep 28 13:10:07 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

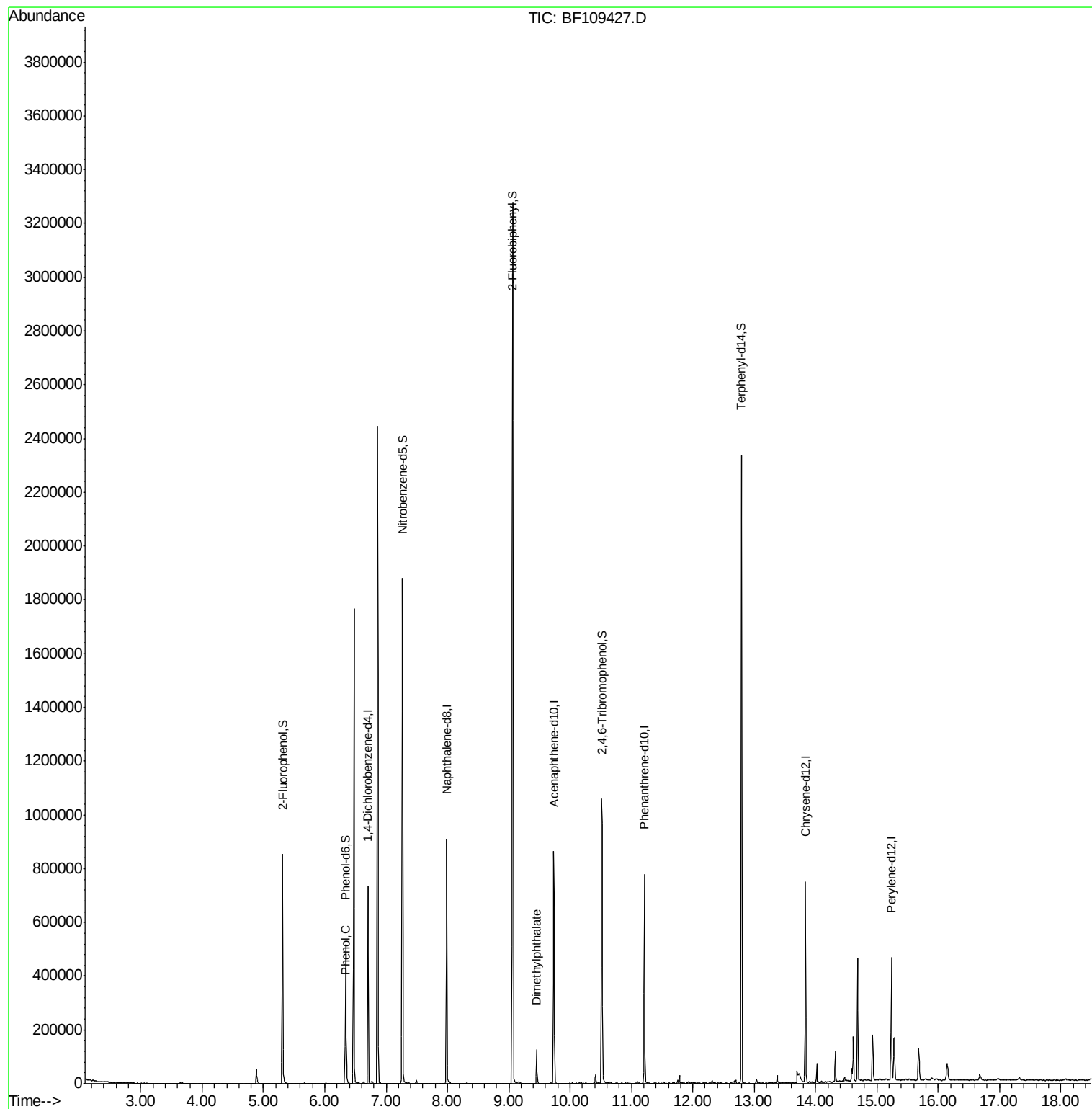
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100257	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	370134	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	163267	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	271711	20.00	ng	0.00
75) Chrysene-d12	13.84	240	251940	20.00	ng	0.00
86) Perylene-d12	15.24	264	205813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	231144	37.97	ng	0.00
7) Phenol-d6	6.34	99	176185	22.68	ng	-0.02
23) Nitrobenzene-d5	7.27	82	595713	95.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	134913	83.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1050091	97.00	ng	-0.01
78) Terphenyl-d14	12.79	244	824099	80.28	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	42828	4.869	ng	100
49) Dimethylphthalate	9.46	163	56704	4.775	ng	# 99

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

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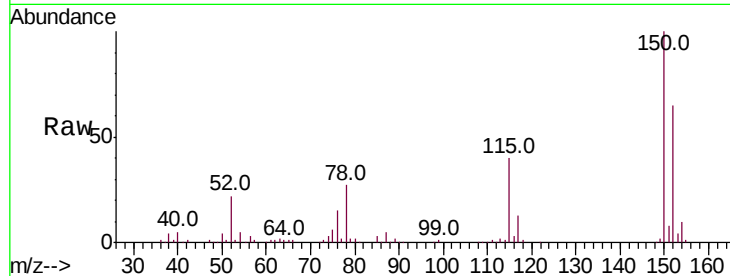


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.1	50.1	75.1

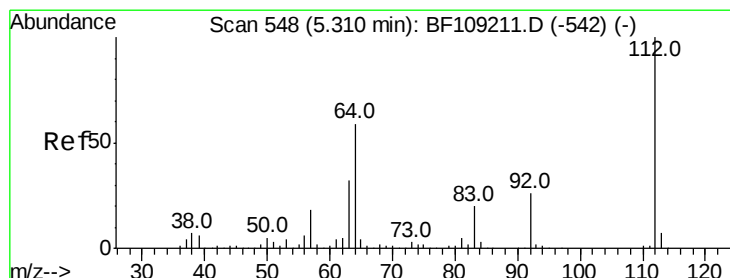
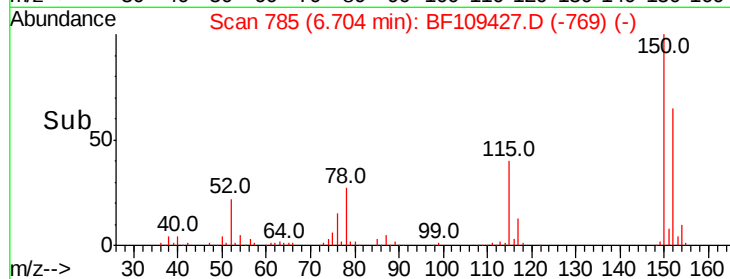
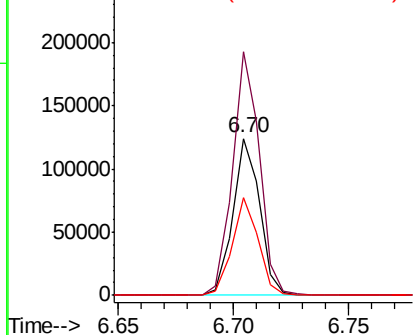


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

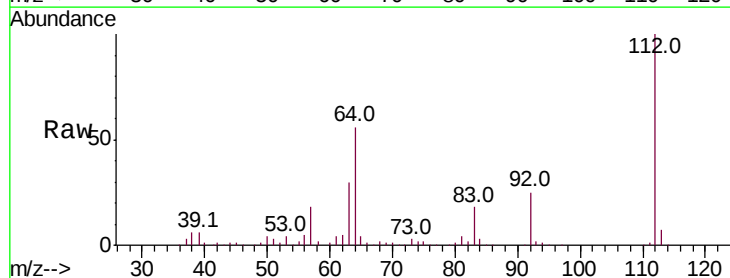
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.974 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.8	23.7	35.5

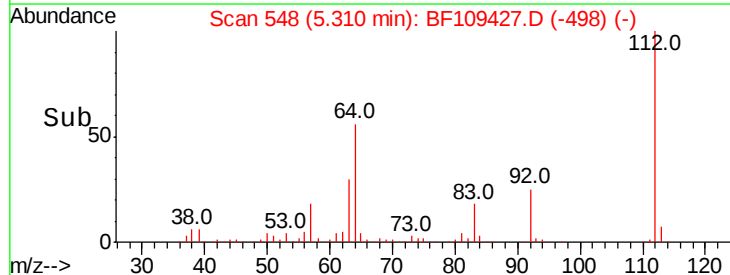
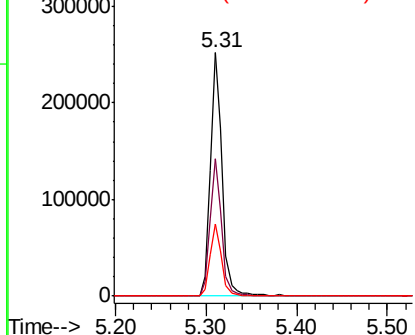


Abundance

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: 22.683 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109427.D

Acq: 28 Sep 2018 11:24

Instrument :

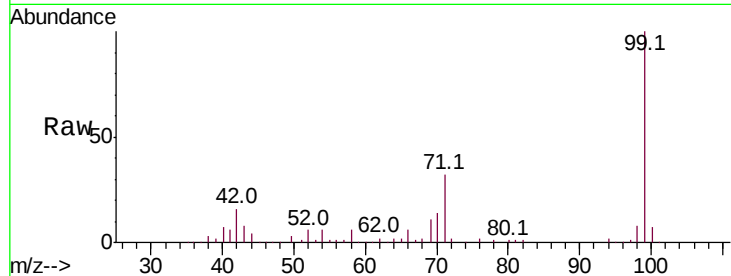
BNA_F

ClientSampleId :

092618-DBRI-F-D-B

Tot Ion: 99 Resp: 176185

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	32.0	25.4	38.0

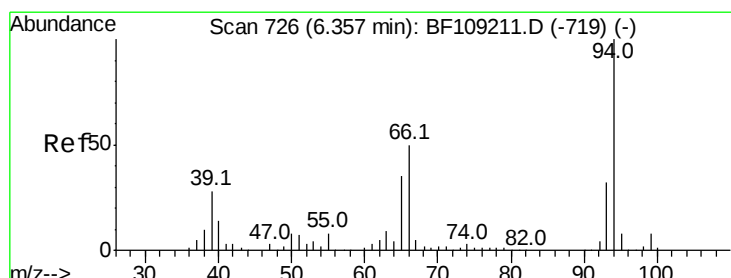
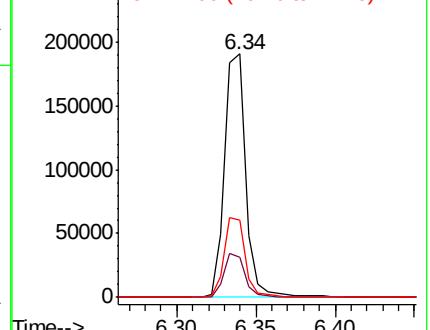
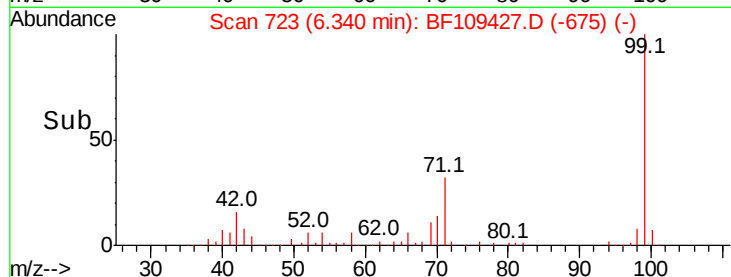


Abundance

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: 4.869 ng

RT: 6.35 min Scan# 725

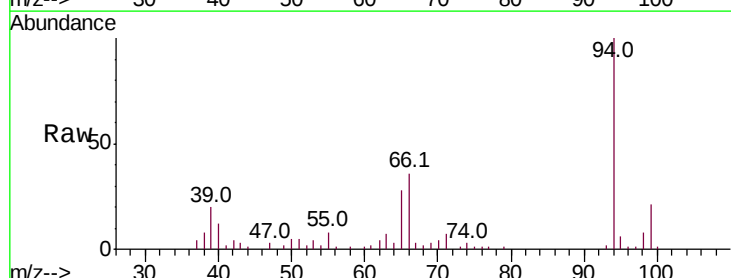
Delta R.T. -0.02 min

Lab File: BF109427.D

Acq: 28 Sep 2018 11:24

Tgt Ion: 94 Resp: 42828

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	36.2	16.2	56.2

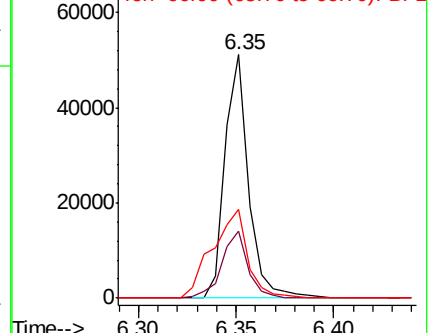
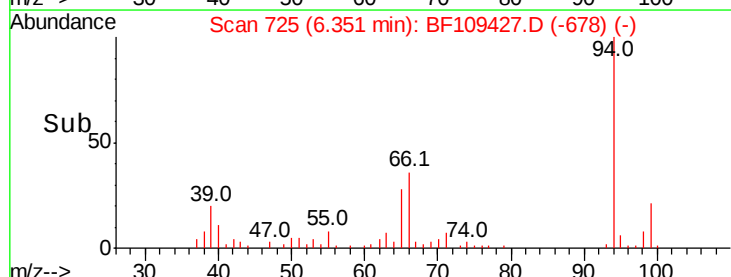


Abundance

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: BF109427.D

Acq: 28 Sep 2018 11:24

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-D-B

Tot Ion:136 Resp: 370134

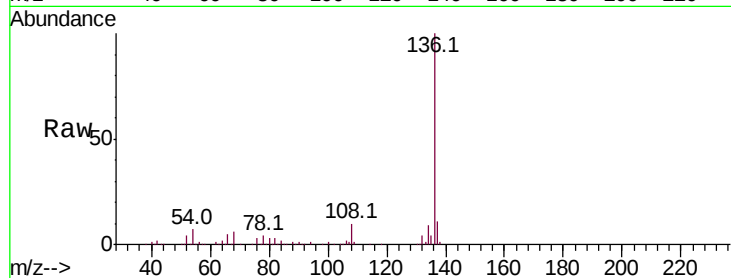
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.9 6.6 9.8

68 5.6 5.0 7.4

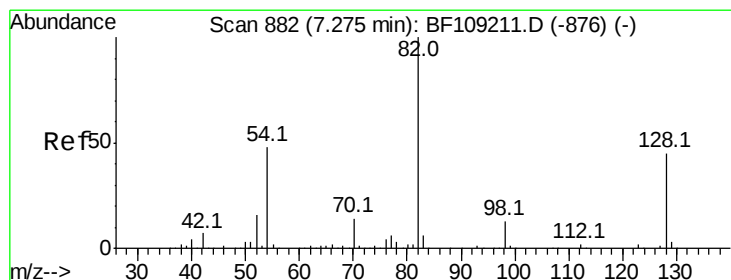
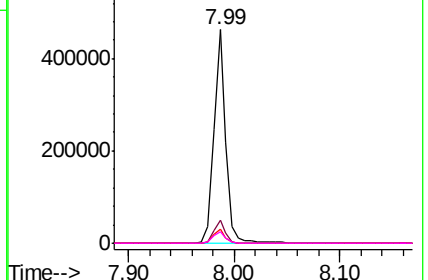
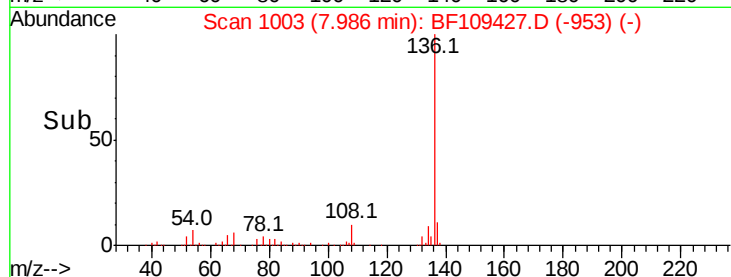


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.008 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109427.D

Acq: 28 Sep 2018 11:24

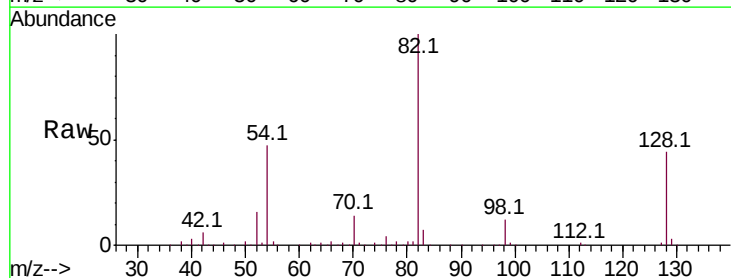
Tgt Ion: 82 Resp: 595713

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

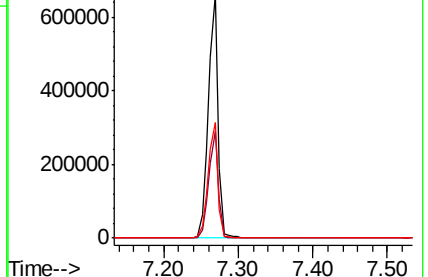
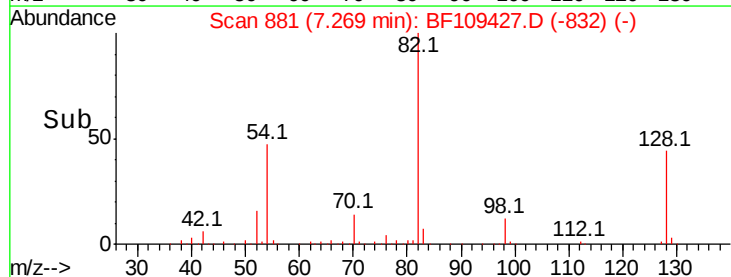
54 47.3 41.4 62.2

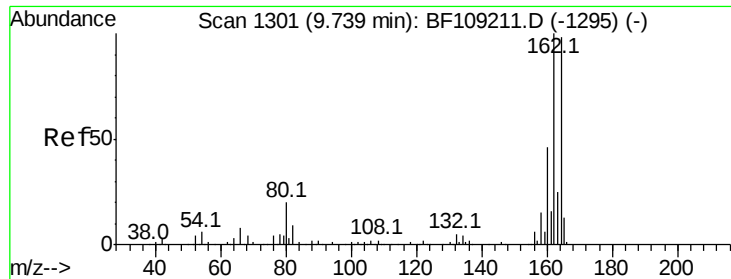


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

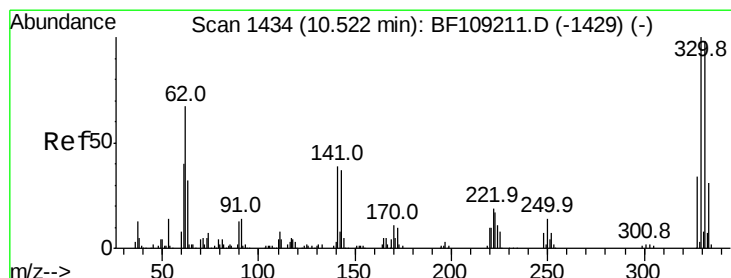
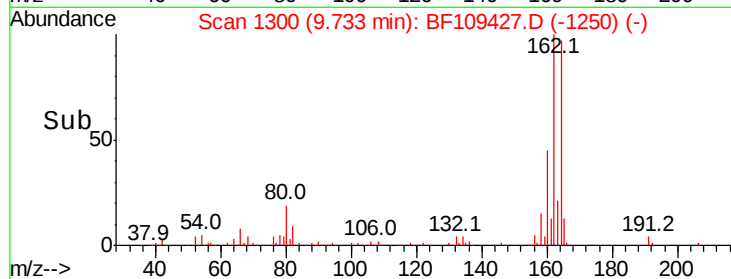
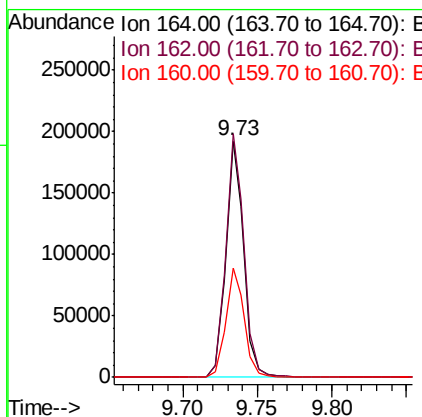
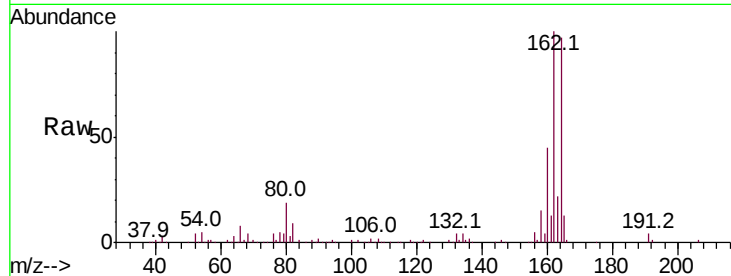




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

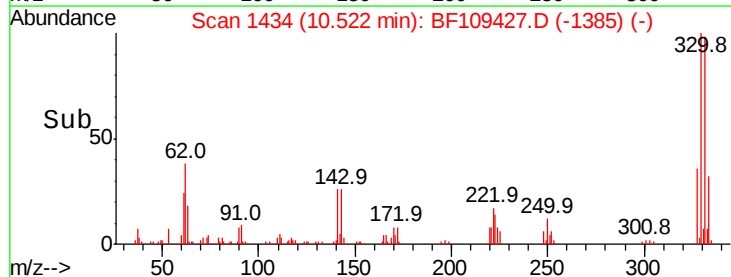
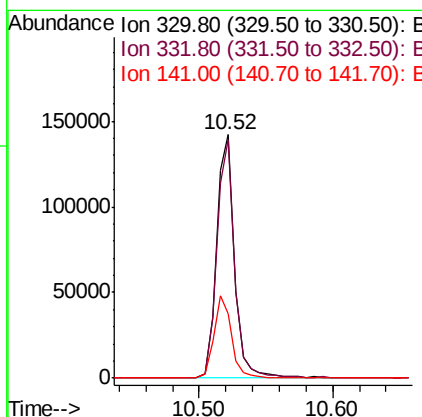
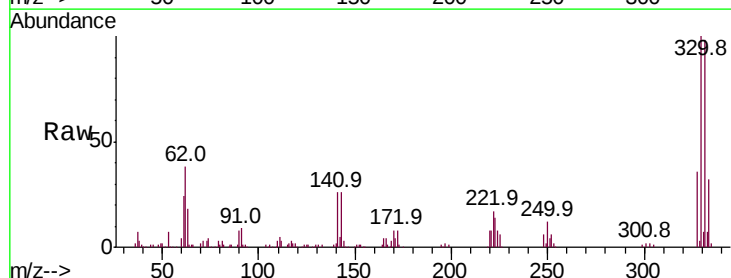
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-D-B

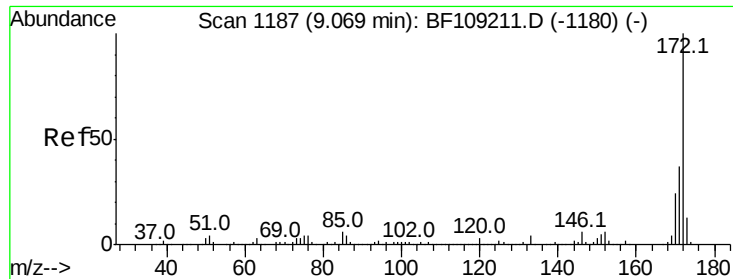
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.824 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.3	29.9	44.9



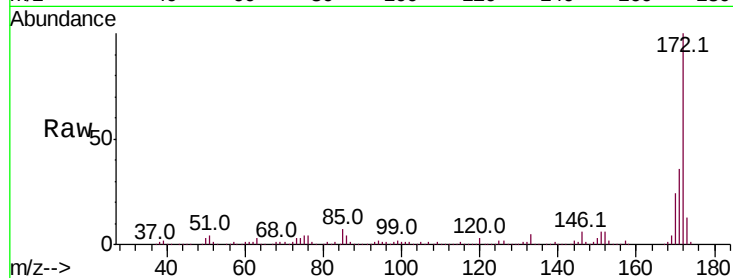


#44
 2-Fluorobiphenyl
 Concen: 97.003 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

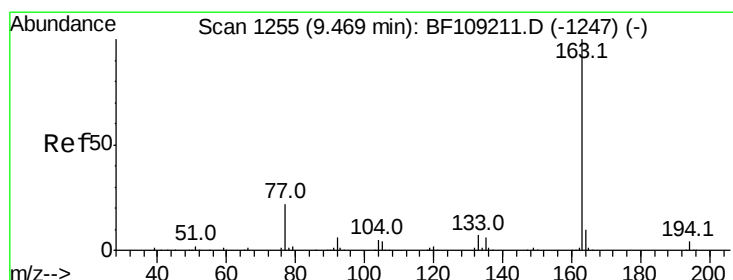
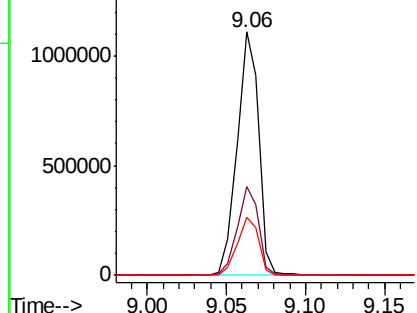
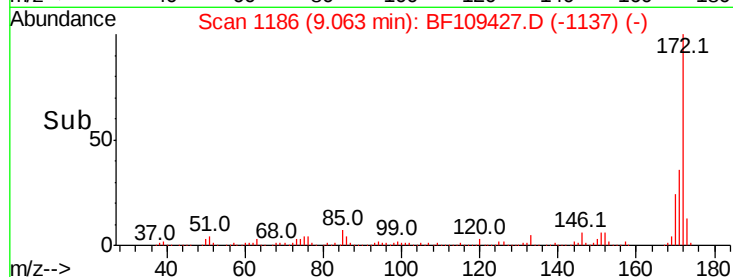
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-D-B

Tot Ion:172 Resp: 1050091

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



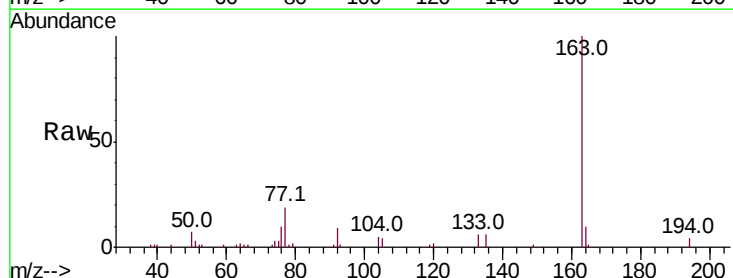
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



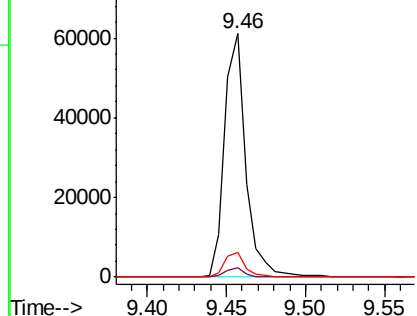
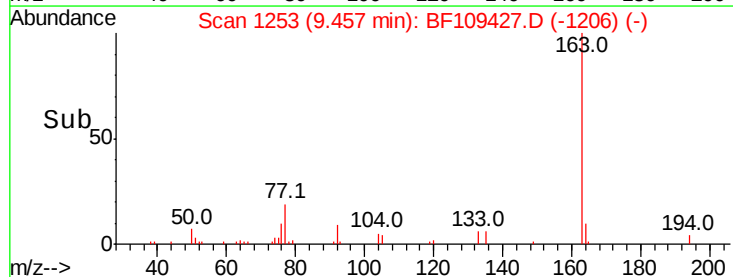
#49
 Dimethylphthalate
 Concen: 4.775 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

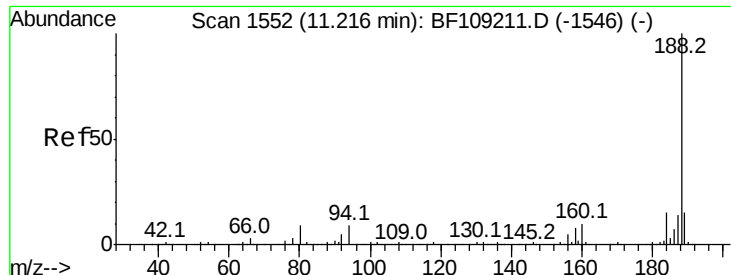
Tgt Ion:163 Resp: 56704

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	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

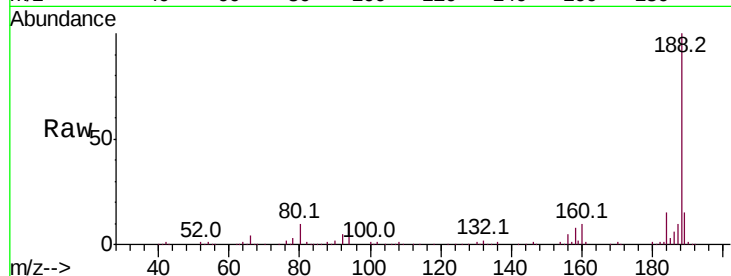




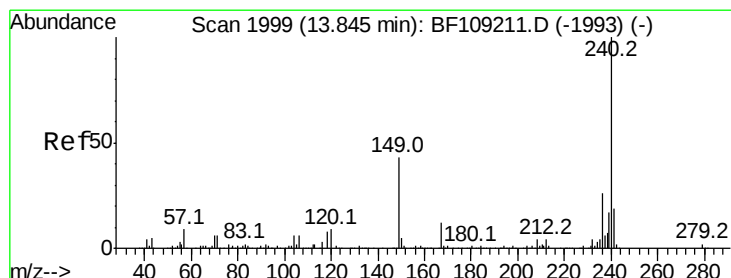
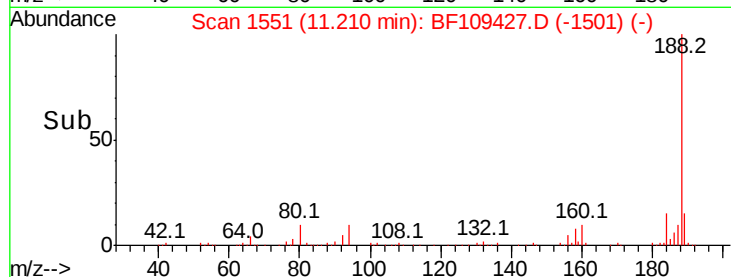
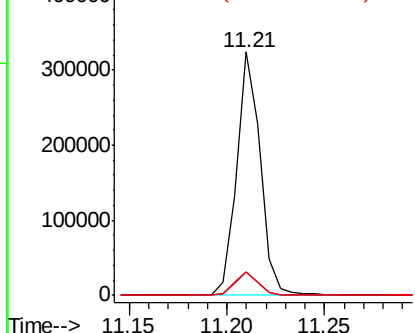
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8

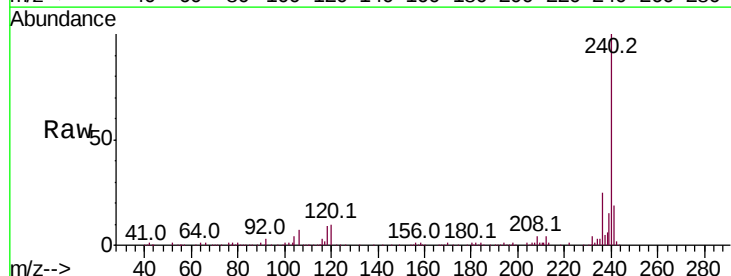


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

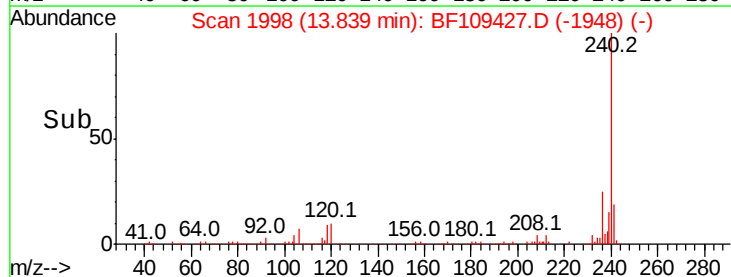
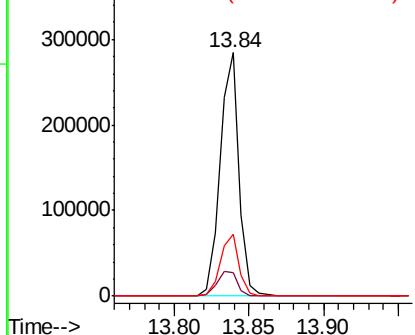


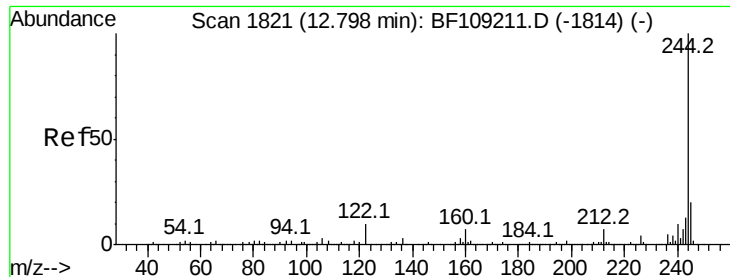
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.2	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: 80.276 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109427.D

Acq: 28 Sep 2018 11:24

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-D-B

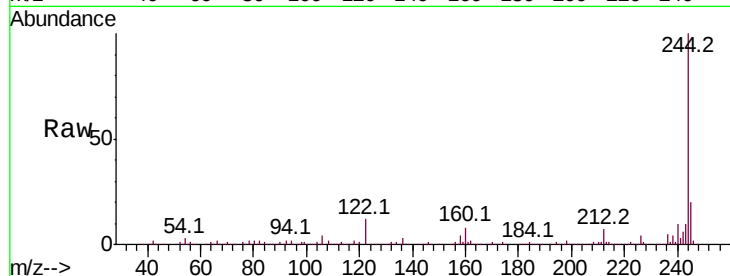
Tot Ion:244 Resp: 824099

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

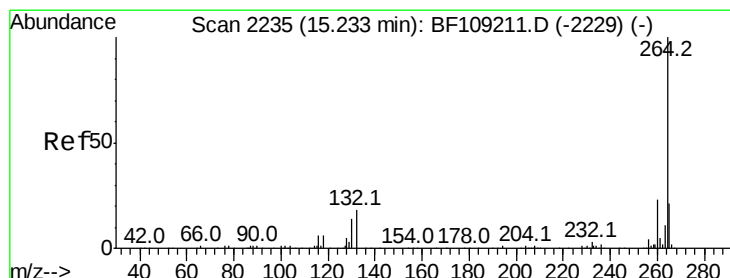
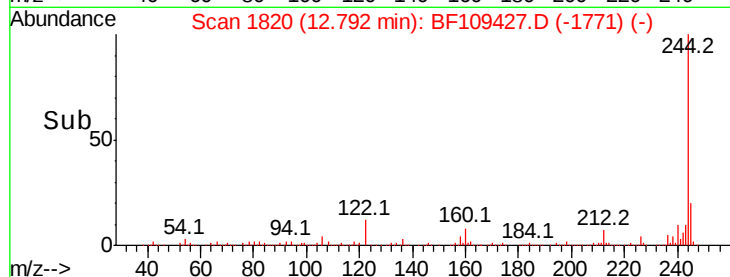
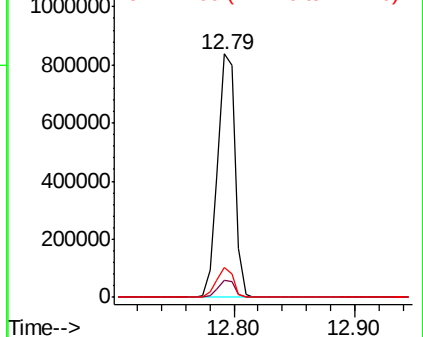
122 12.2 11.0 16.4



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: BF109427.D

Acq: 28 Sep 2018 11:24

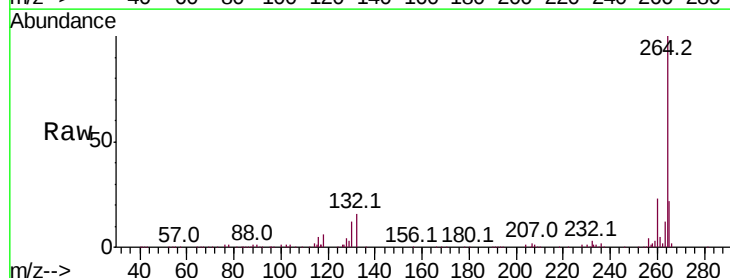
Tgt Ion:264 Resp: 205813

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.6 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

