

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109320.D
 Acq On : 26 Sep 2018 6:56
 Operator : JU/SJ
 Sample : J5052-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-M

Quant Time: Sep 26 08:39:09 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

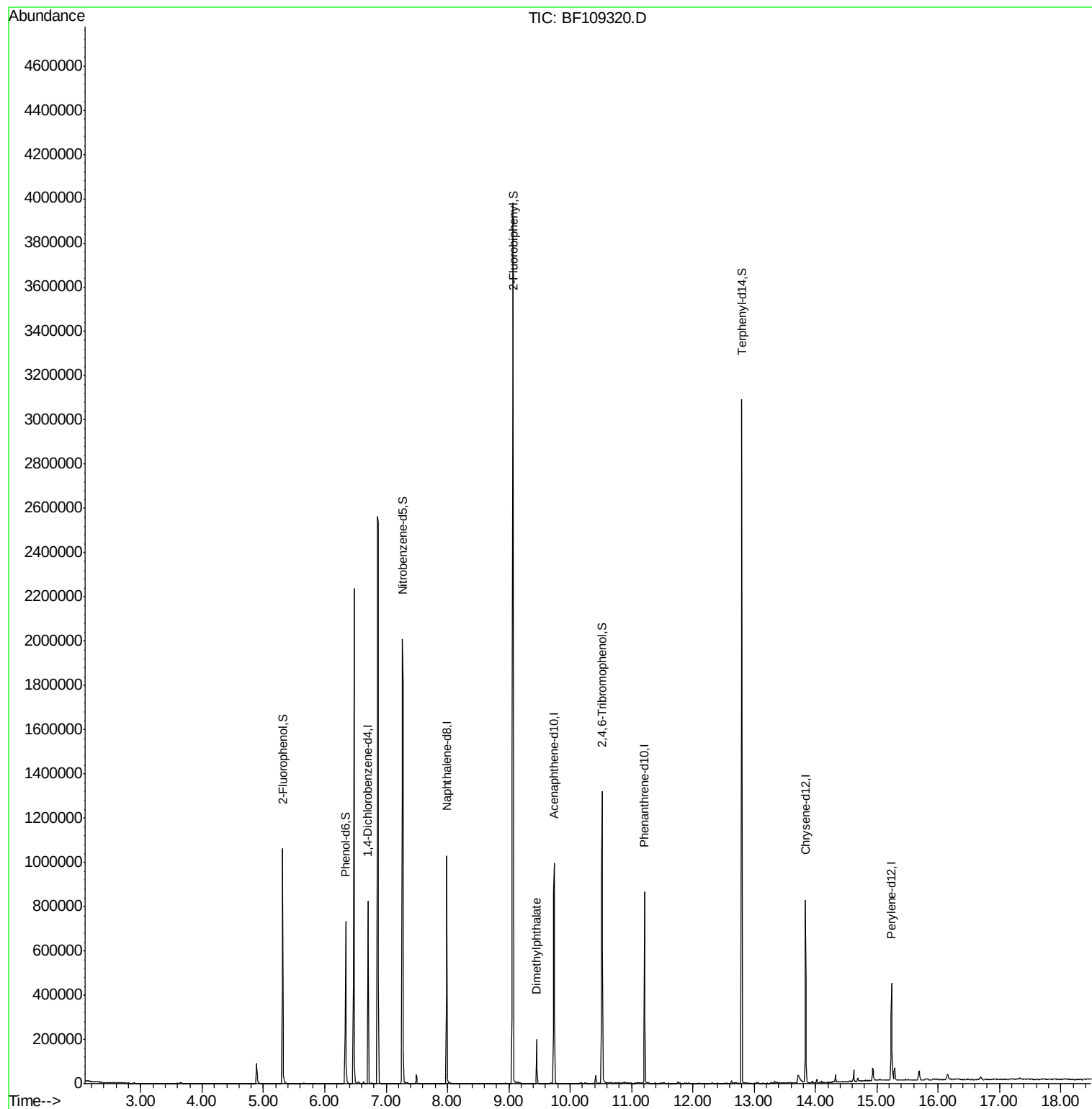
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117564	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	427629	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	185231	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	301099	20.00	ng	0.00
75) Chrysene-d12	13.84	240	261794	20.00	ng	0.00
86) Perylene-d12	15.24	264	186721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	302763	42.42	ng	0.00
7) Phenol-d6	6.34	99	244356	26.83	ng	-0.02
23) Nitrobenzene-d5	7.27	82	763765	105.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	156128	85.50	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1233572	100.44	ng	0.00
78) Terphenyl-d14	12.80	244	1066539	99.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	76385	5.670	ng	Qvalue 99

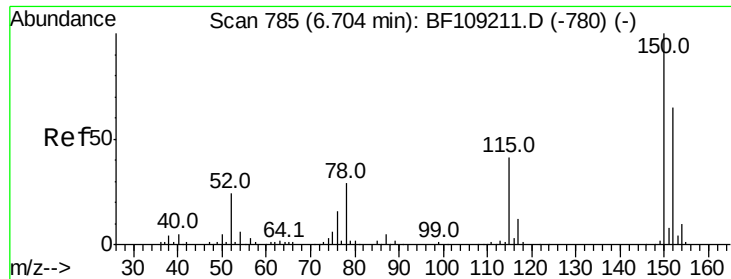
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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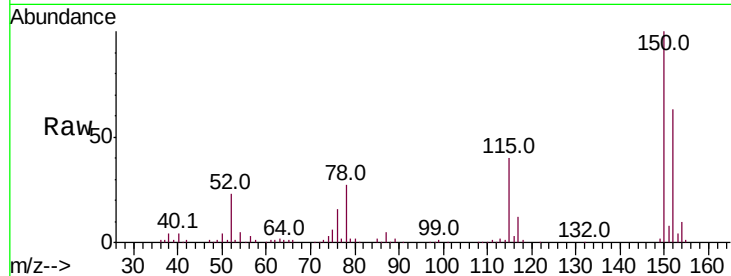


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109320.D
 Acq: 26 Sep 2018 6:56

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	62.5	50.1	75.1

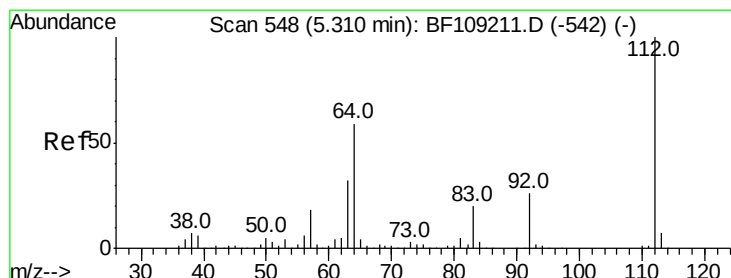
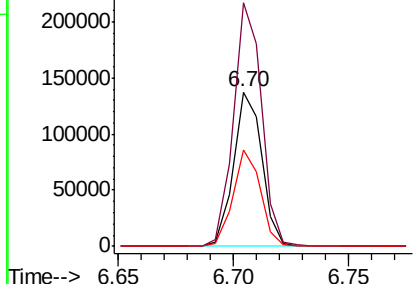
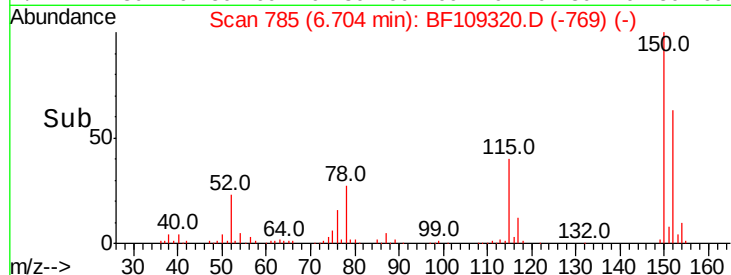


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

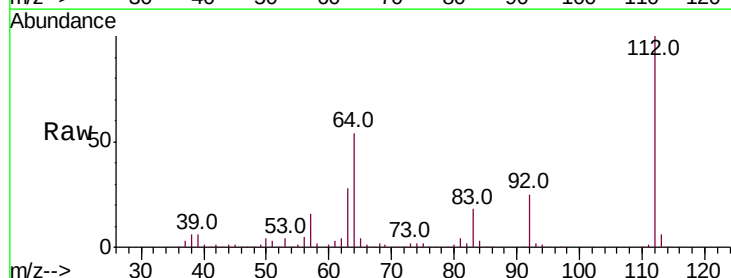
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 42.417 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109320.D
 Acq: 26 Sep 2018 6:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.4	23.7	35.5

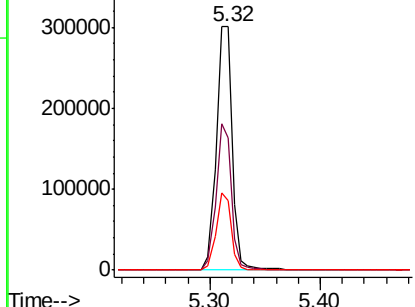
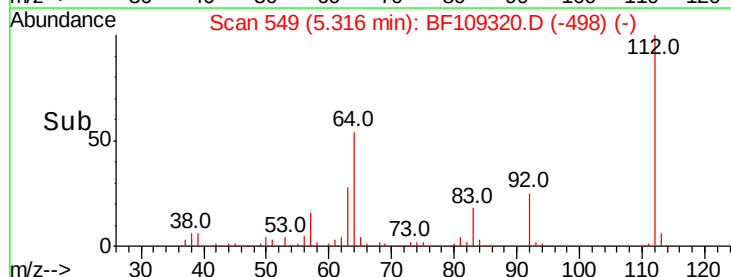


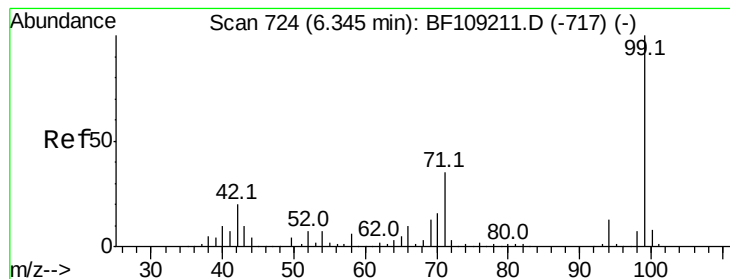
Abundance

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: 26.829 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109320.D

Acq: 26 Sep 2018 6:56

Instrument :

BNA_F

ClientSampleId :

092018-DBRI-E-U-M

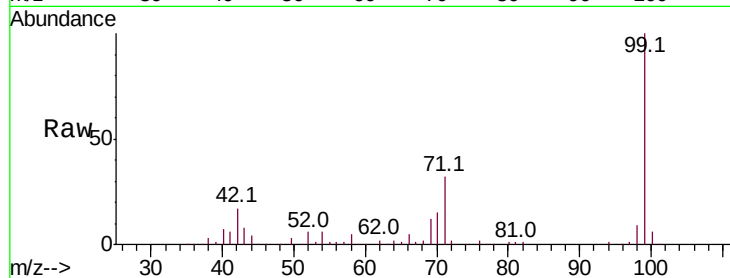
Tot Ion: 99 Resp: 244356

Ion Ratio Lower Upper

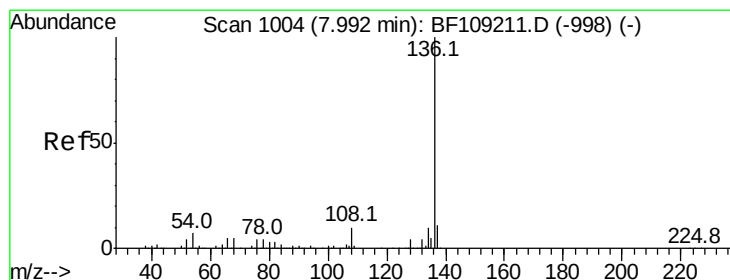
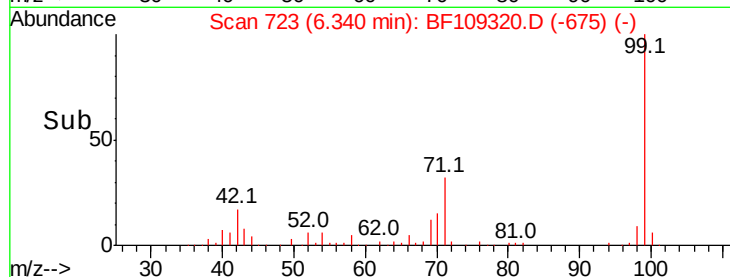
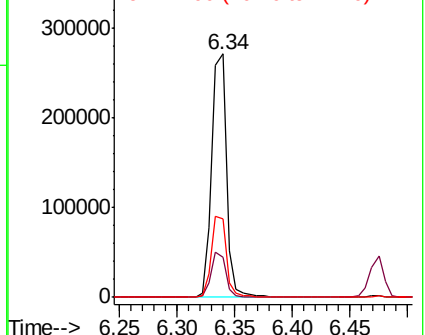
99 100

42 16.6 14.5 21.7

71 32.4 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109320.D

Acq: 26 Sep 2018 6:56

Tgt Ion: 136 Resp: 427629

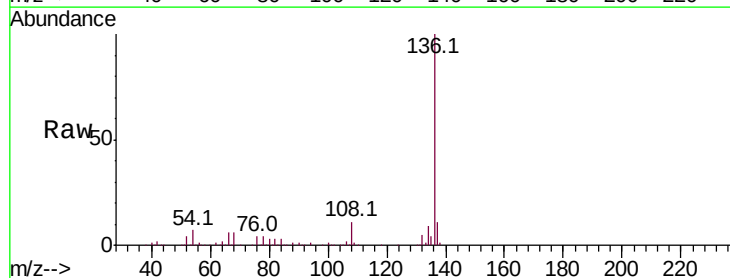
Ion Ratio Lower Upper

136 100

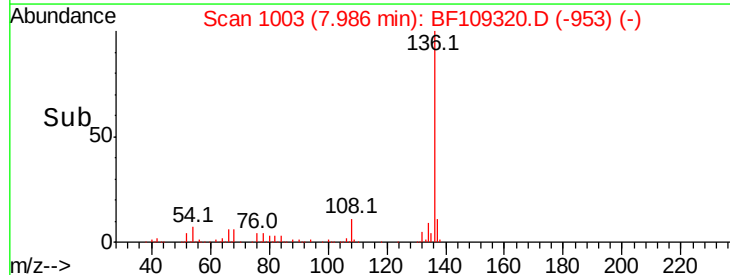
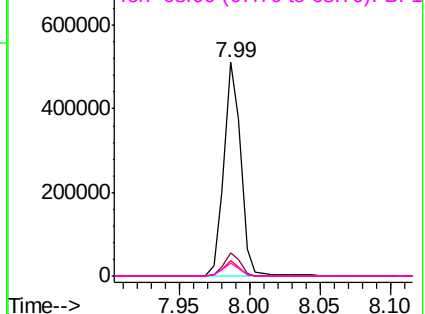
137 11.0 8.9 13.3

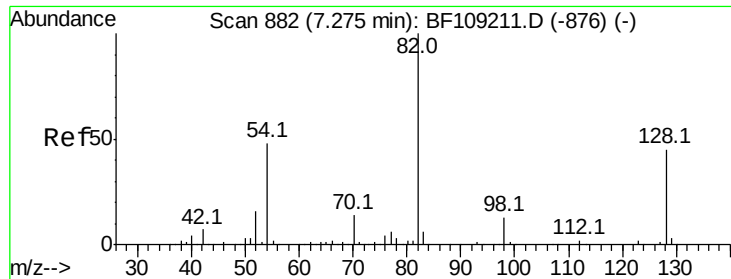
54 7.3 6.6 9.8

68 6.1 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

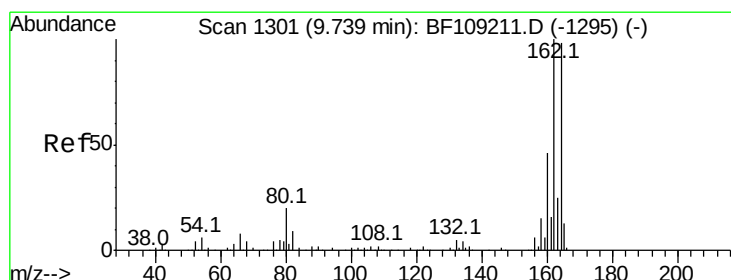
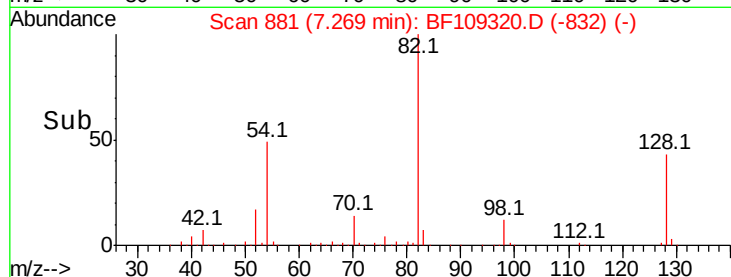
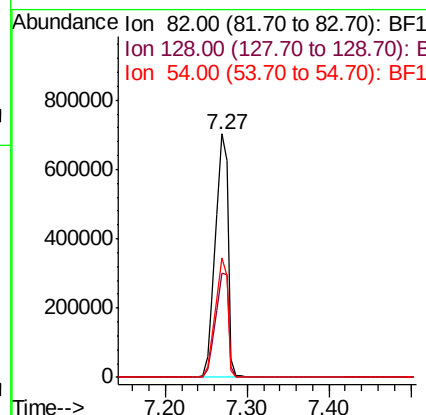
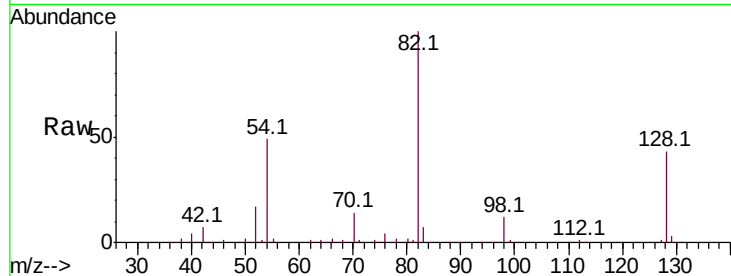




#23
 Nitrobenzene-d5
 Concen: 105.433 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109320.D
 Acq: 26 Sep 2018 6:56

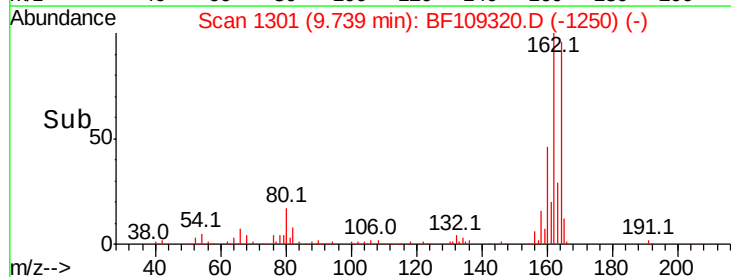
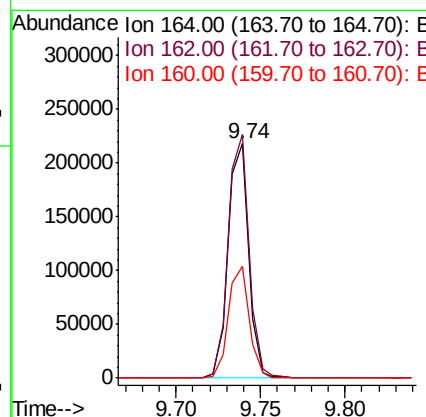
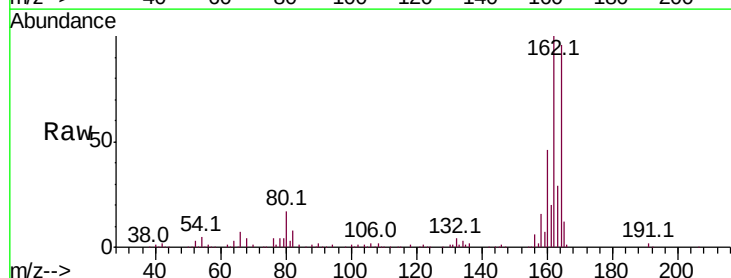
Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-M

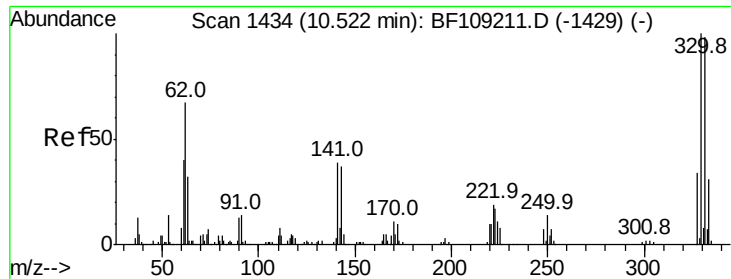
Tot Ion	82	Resp	763765
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	49.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109320.D
 Acq: 26 Sep 2018 6:56

Tgt Ion	164	Resp	185231
Ion Ratio	Lower	Upper	
164	100		
162	103.8	86.1	129.1
160	47.6	38.3	57.5

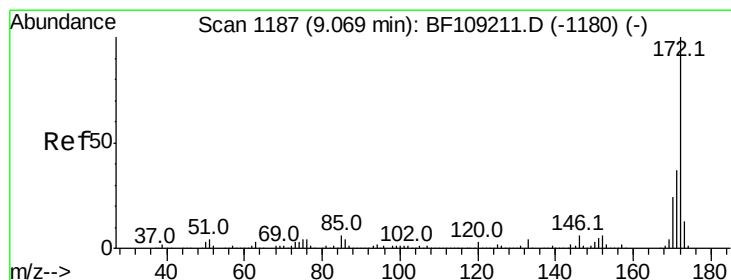
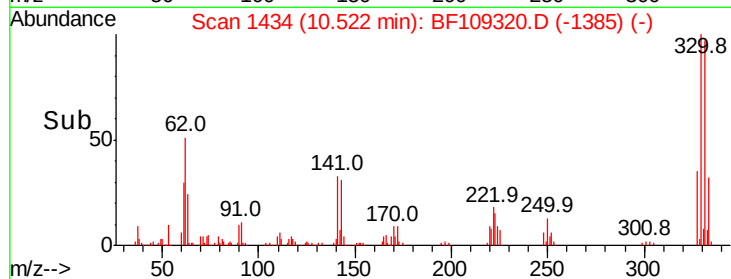
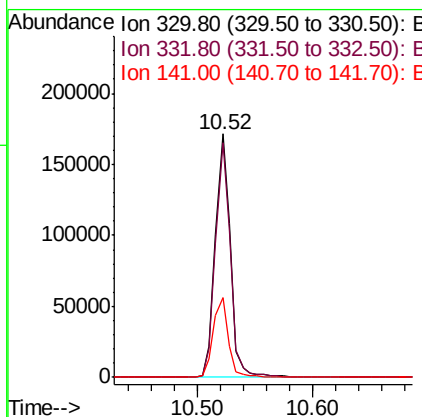
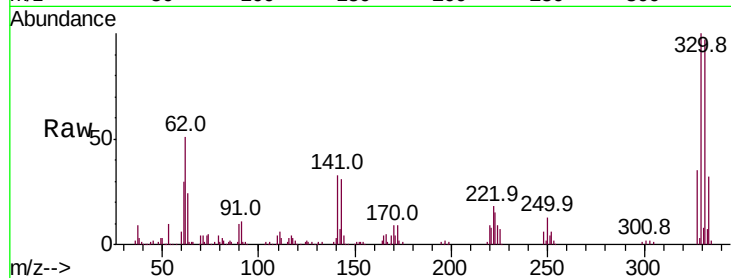




#41
 2,4,6-Tribromophenol
 Concen: 85.503 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109320.D
 Acq: 26 Sep 2018 6:56

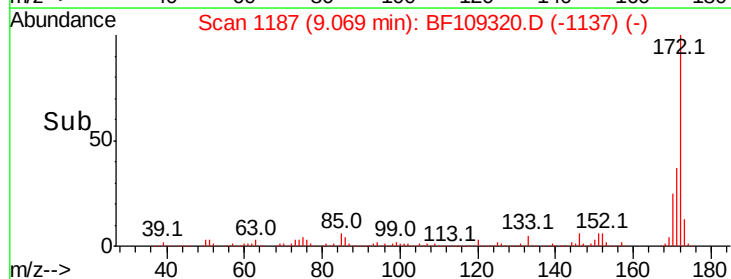
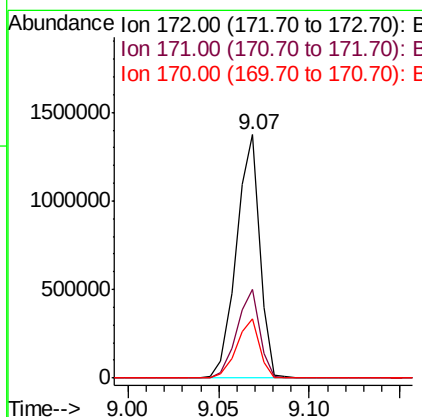
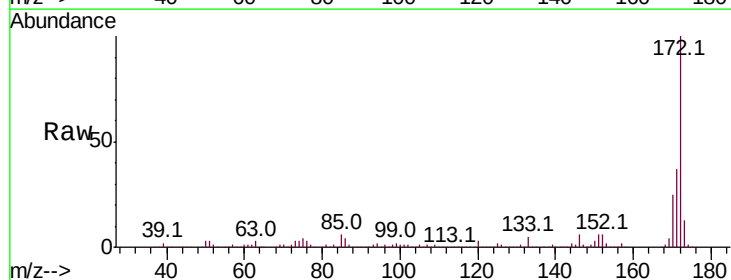
Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-U-M

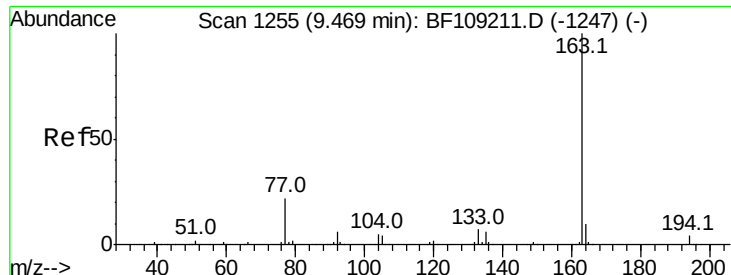
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.440 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109320.D
 Acq: 26 Sep 2018 6:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4





#49

Dimethylphthalate

Concen: 5.670 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109320.D

Acq: 26 Sep 2018 6:56

Instrument :

BNA_F

ClientSampleId :

092018-DBRI-E-U-M

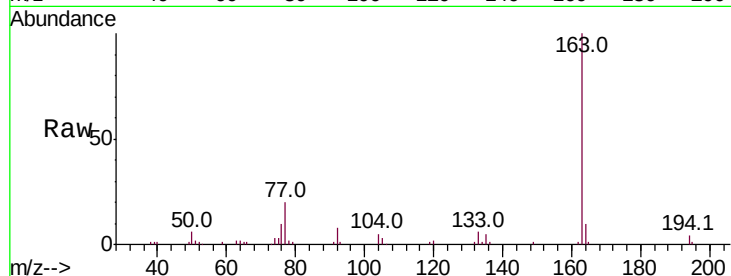
Tot Ion:163 Resp: 76385

Ion Ratio Lower Upper

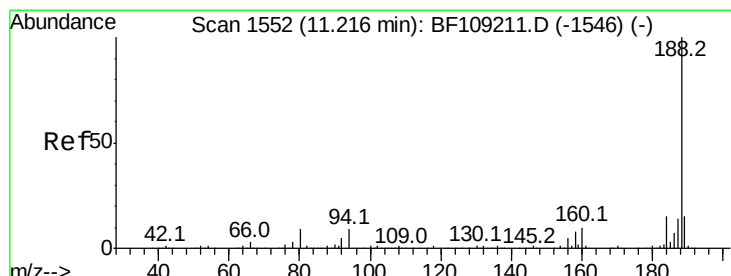
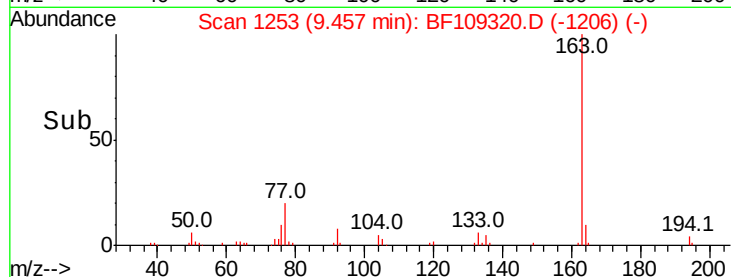
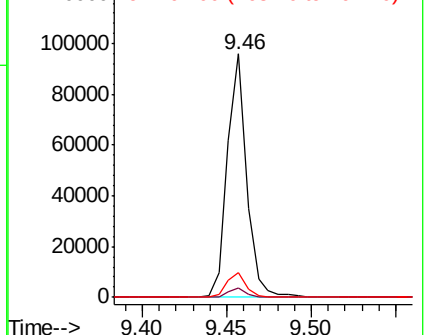
163 100

194 3.8 2.7 4.1

164 10.0 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: BF109320.D

Acq: 26 Sep 2018 6:56

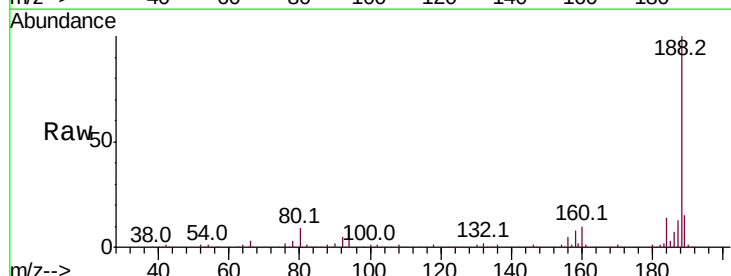
Tgt Ion:188 Resp: 301099

Ion Ratio Lower Upper

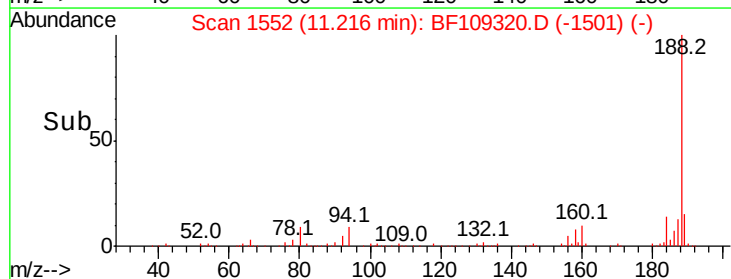
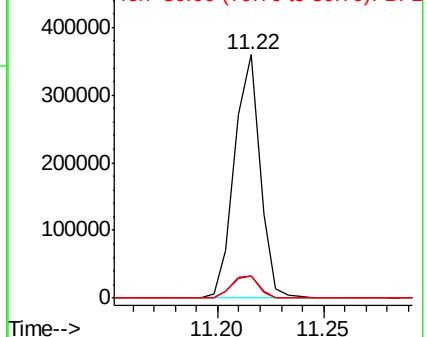
188 100

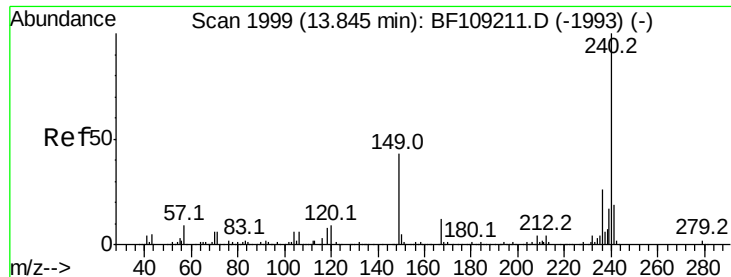
94 8.9 8.5 12.7

80 9.3 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: BF109320.D

Acq: 26 Sep 2018 6:56

Instrument :

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ClientSampleId :

092018-DBRI-E-U-M

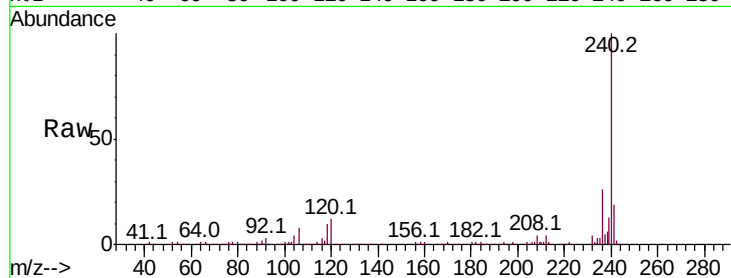
Tot Ion:240 Resp: 261794

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

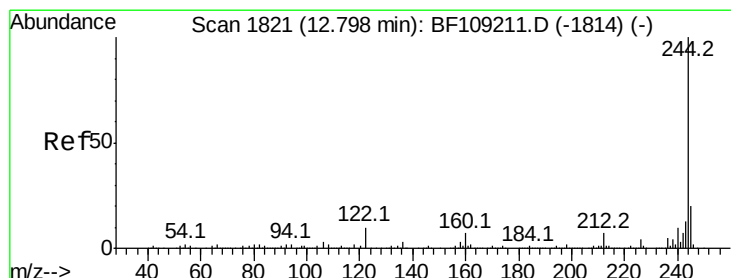
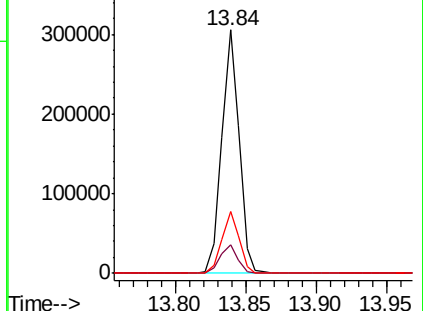
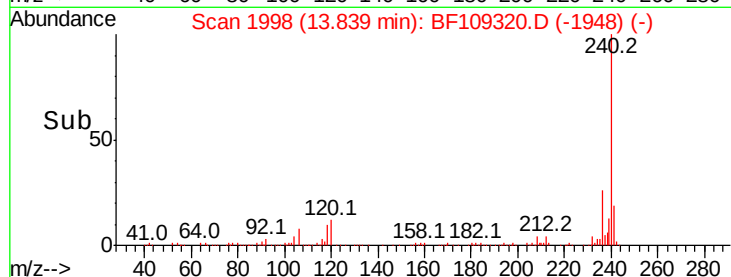
236 25.5 20.7 31.1



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: 99.982 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109320.D

Acq: 26 Sep 2018 6:56

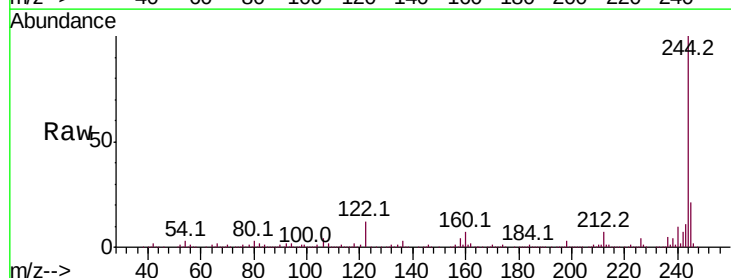
Tgt Ion:244 Resp: 1066539

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

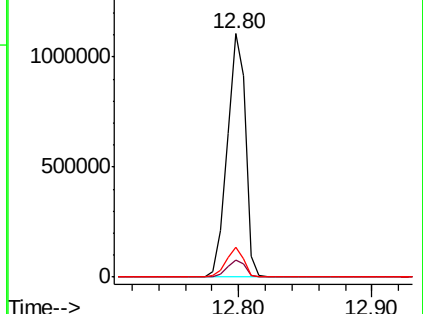
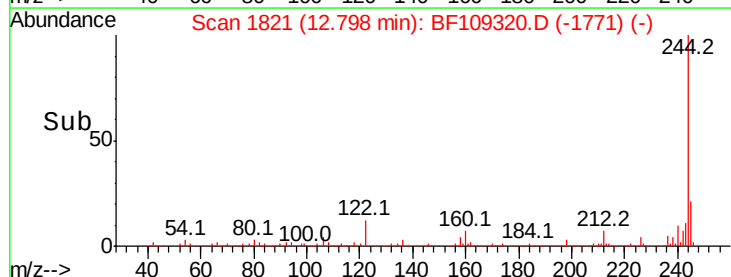
122 12.1 11.0 16.4

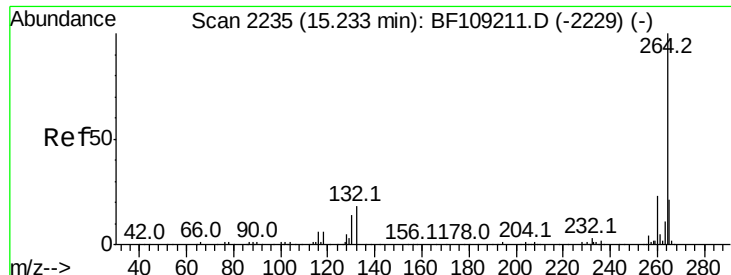


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109320.D
Acq: 26 Sep 2018 6:56

Instrument :
BNA_F
ClientSampleId :
092018-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3

