

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109162.D
 Acq On : 19 Sep 2018 23:38
 Operator : JU/SJ
 Sample : J4984-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

Quant Time: Sep 20 05:54:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

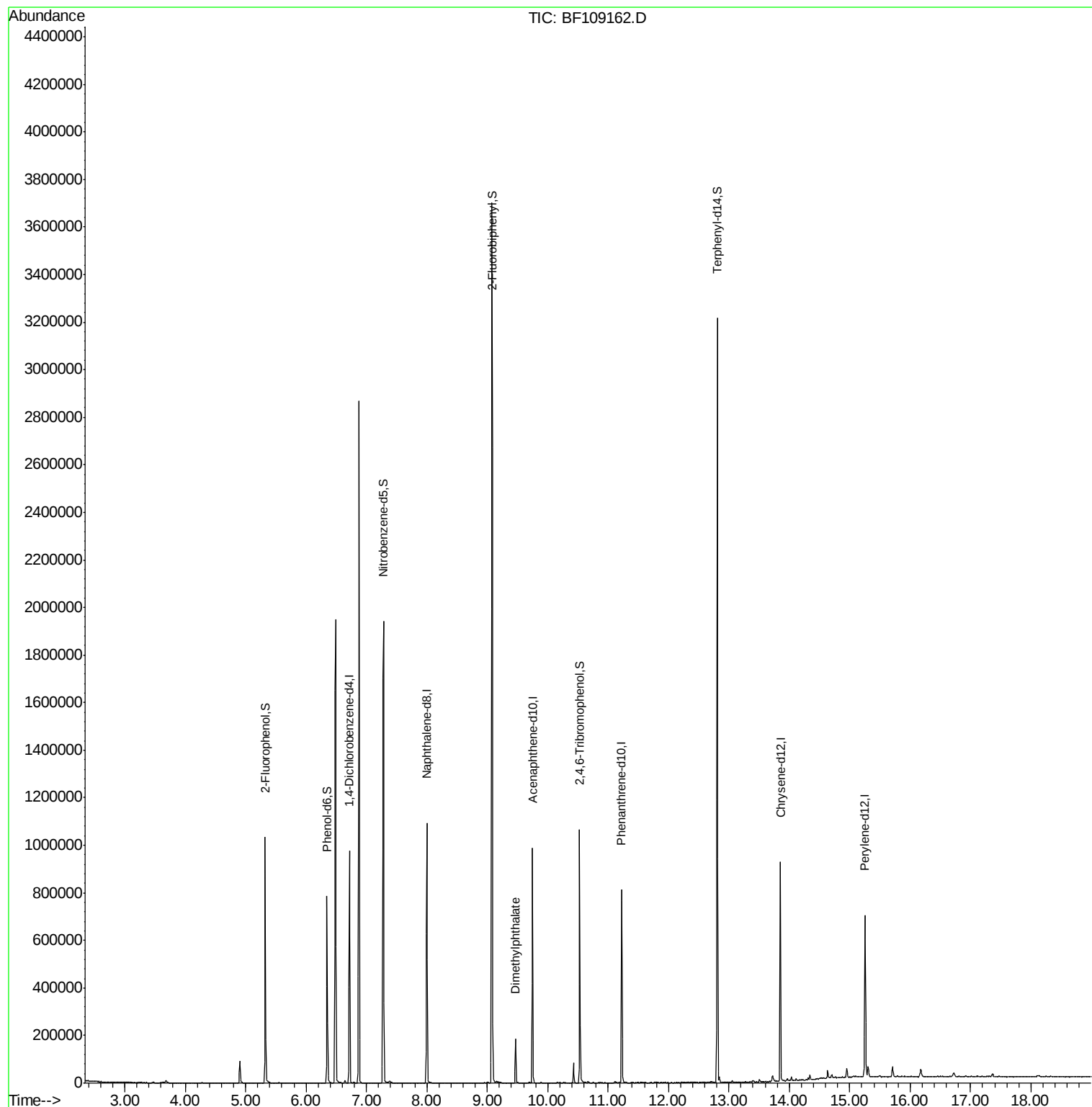
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128817	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449039	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	182462	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	315084	20.00	ng	0.00
75) Chrysene-d12	13.85	240	337443	20.00	ng	0.00
86) Perylene-d12	15.25	264	301896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	290365	37.44	ng	0.00
7) Phenol-d6	6.35	99	227466	22.74	ng	-0.01
23) Nitrobenzene-d5	7.28	82	689684	86.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	133582	67.46	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1151992	98.92	ng	0.00
78) Terphenyl-d14	12.81	244	1080917	75.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	78215	5.998	ng	99

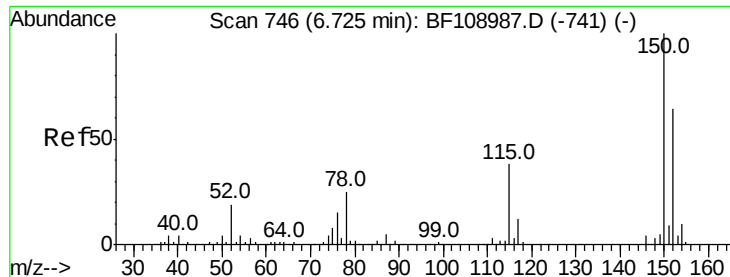
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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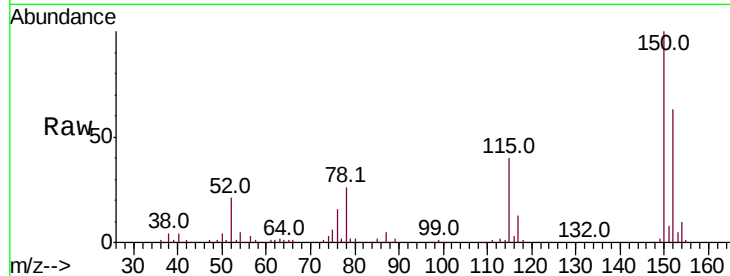


#1

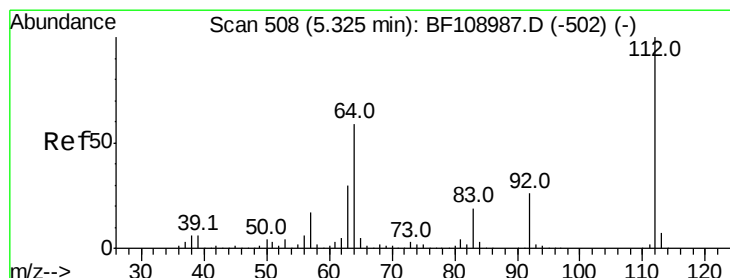
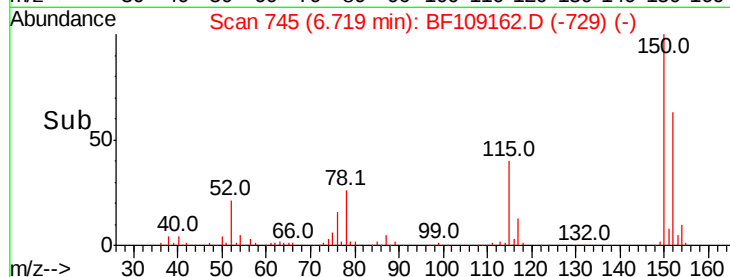
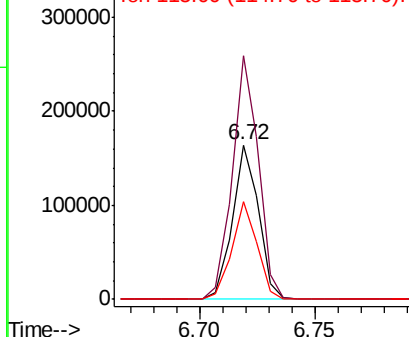
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.9	50.1	75.1



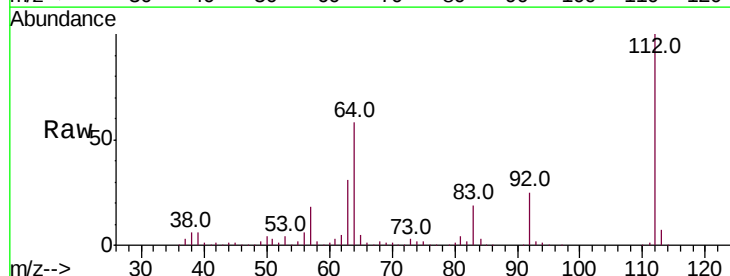
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



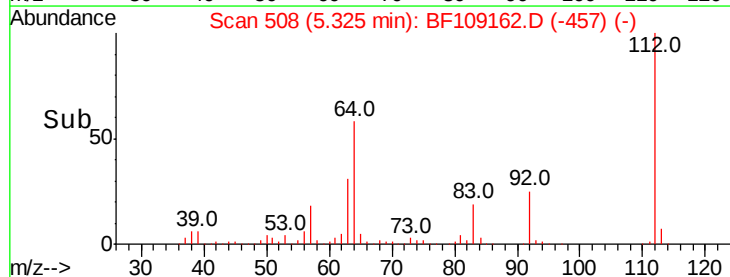
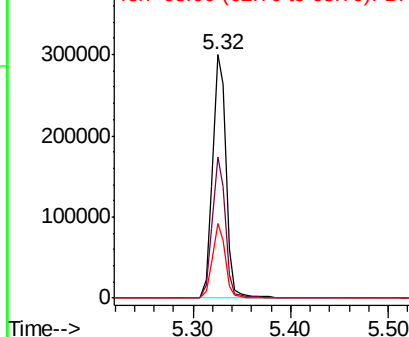
#5

2-Fluorophenol
 Concen: 37.438 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.6	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: 22.745 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Instrument :

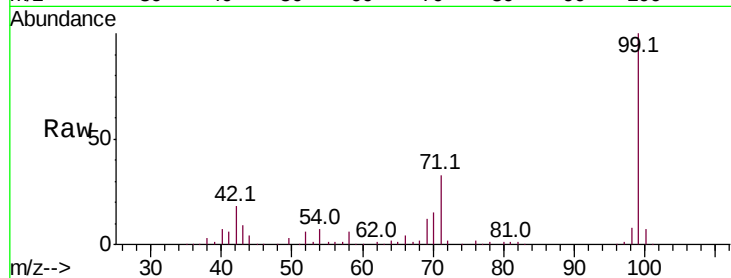
BNA_F

ClientSampleId :

091718-DBRI-E-D-S

Tot Ion: 99 Resp: 227466

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	33.4	25.4	38.0

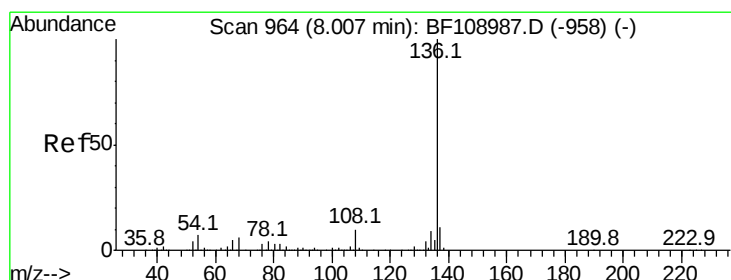
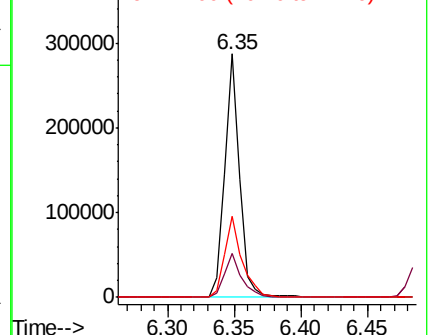
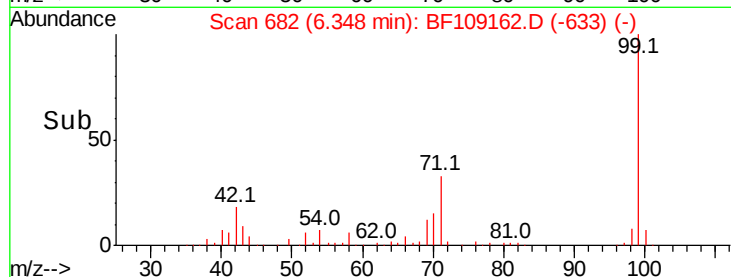


Abundance

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: 8.00 min Scan# 963

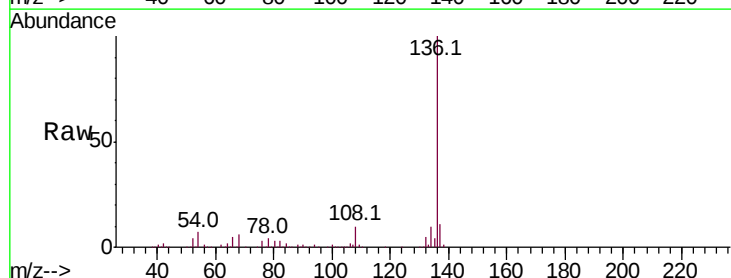
Delta R.T. -0.01 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Tgt Ion: 136 Resp: 449039

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4



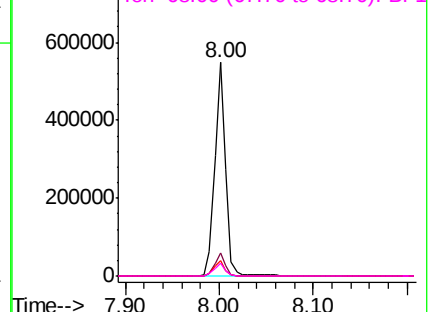
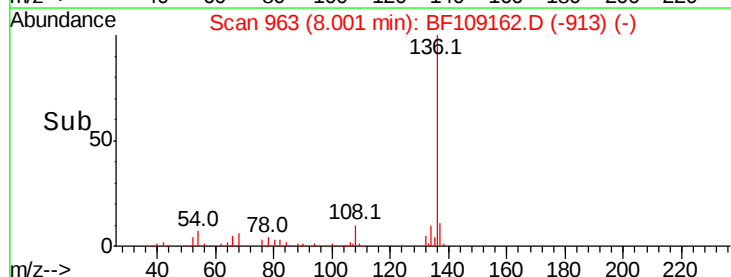
Abundance

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

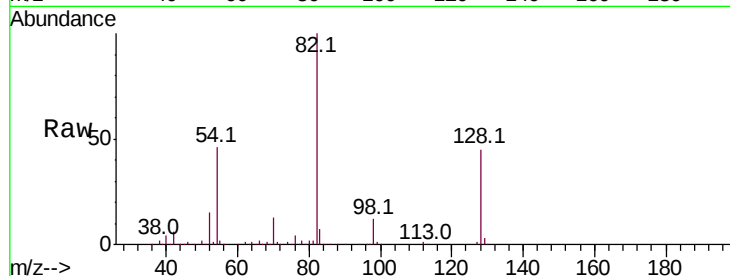




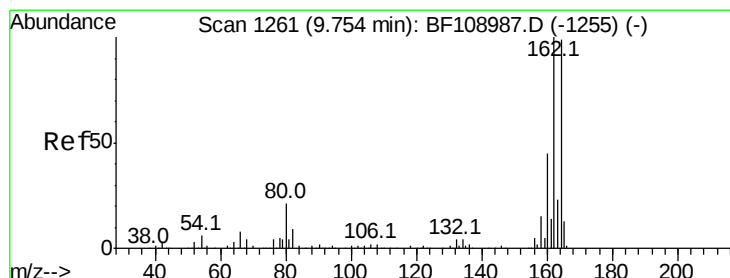
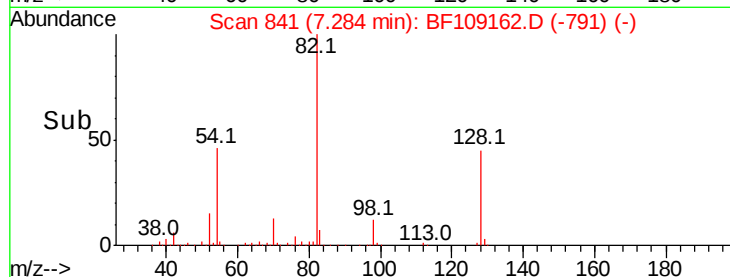
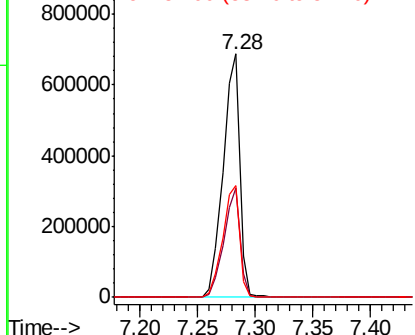
#23
Nitrobenzene-d5
Concen: 86.147 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-S

Tot Ion: 82 Resp: 689684
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 45.9 41.4 62.2

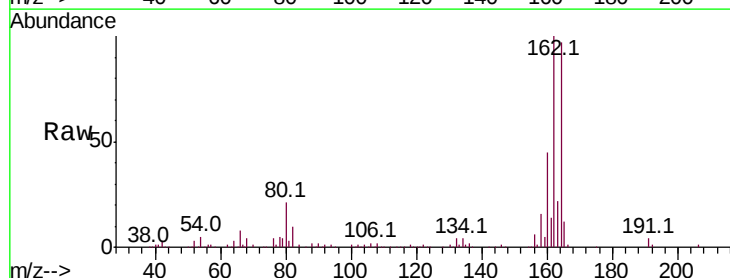


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

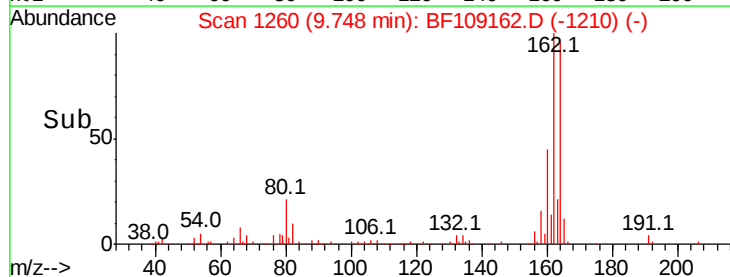
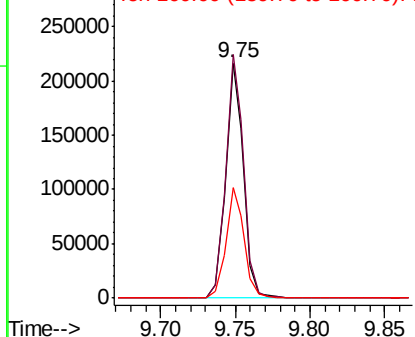


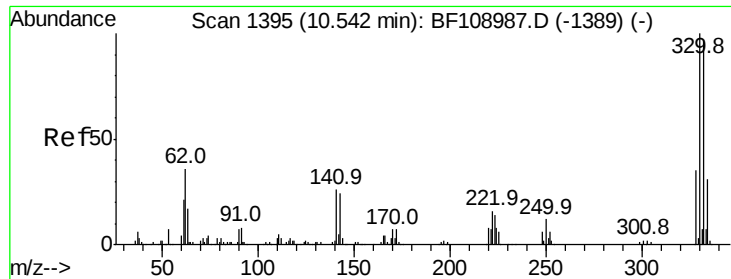
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Tgt Ion: 164 Resp: 182462
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.8 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

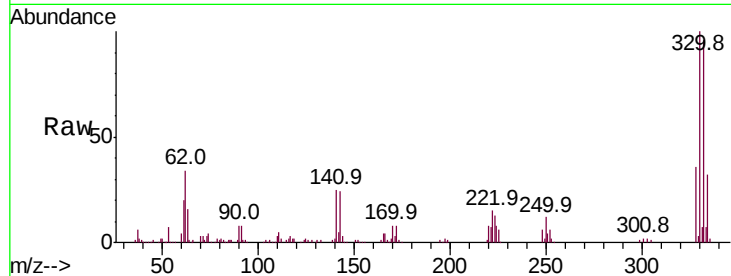




#41
 2,4,6-Tribromophenol
 Concen: 67.459 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.7	29.9	44.9

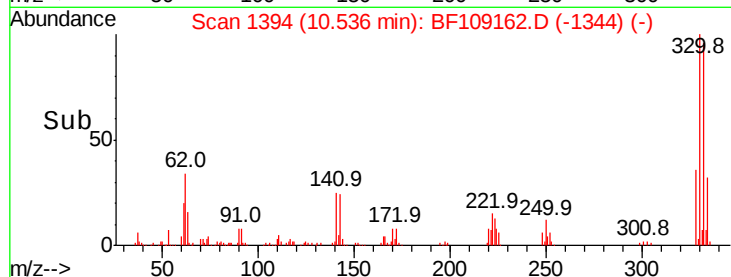
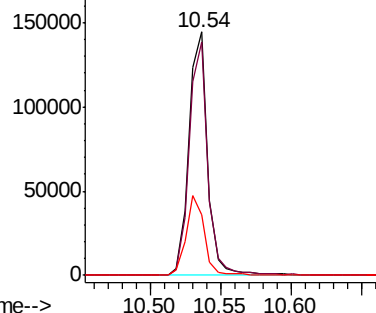


Abundance

Ion 329.80 (329.50 to 330.50): E

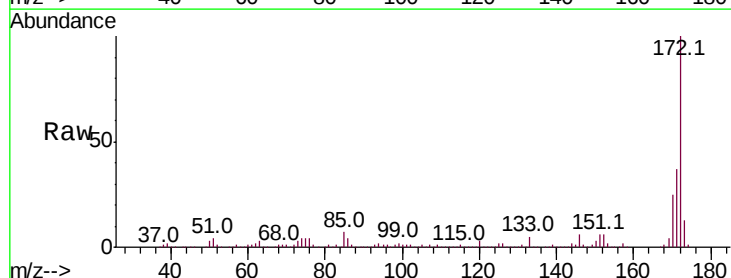
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.917 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4

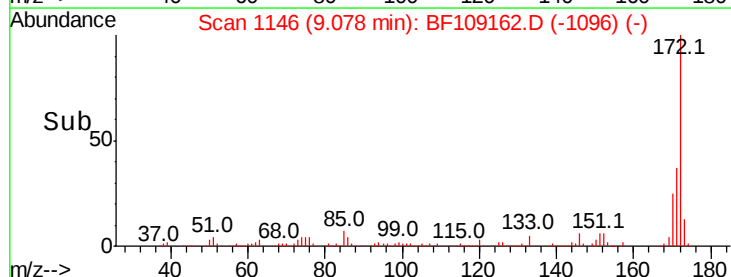
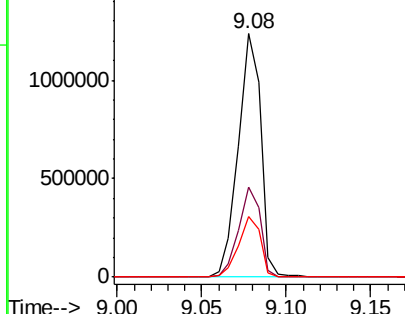


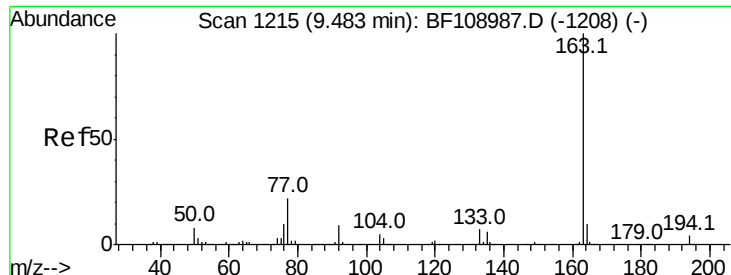
Abundance

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

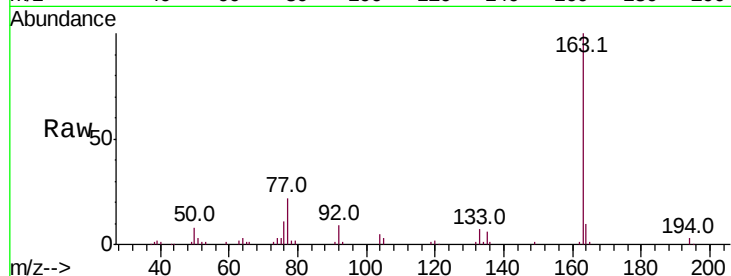




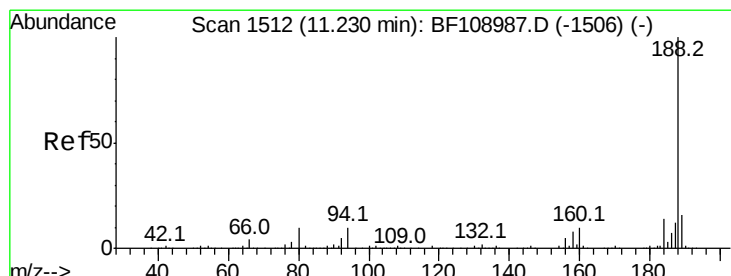
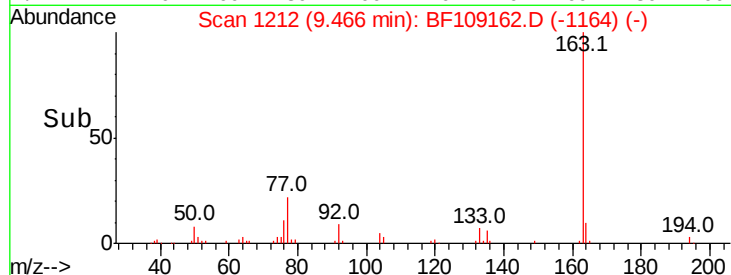
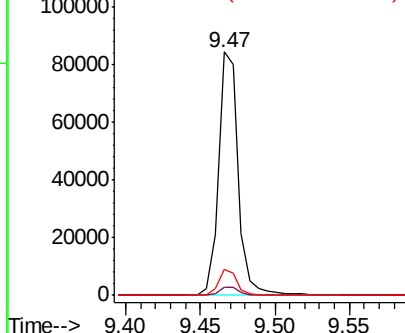
#49
Dimethylphthalate
Concen: 5.998 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-S

Tot Ion:163 Resp: 78215
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2

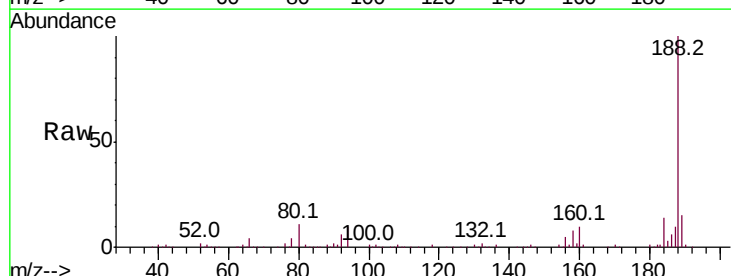


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

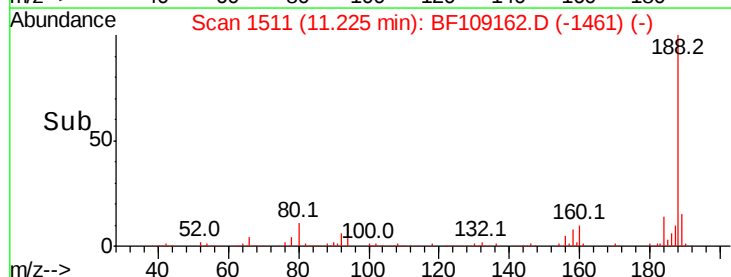
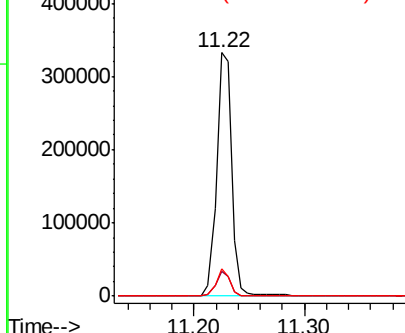


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Tgt Ion:188 Resp: 315084
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-S

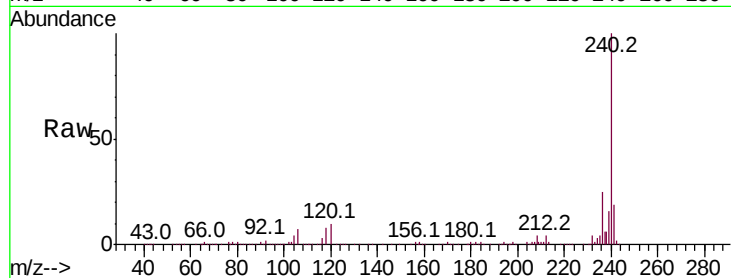
Tot Ion:240 Resp: 337443

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

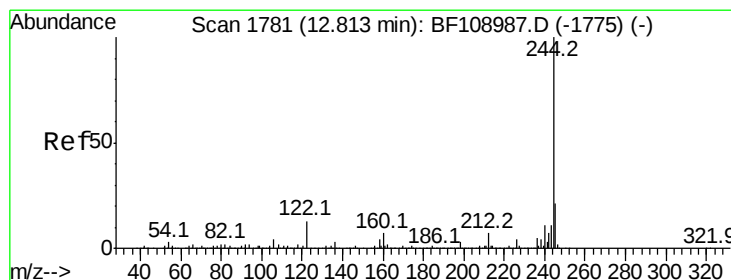
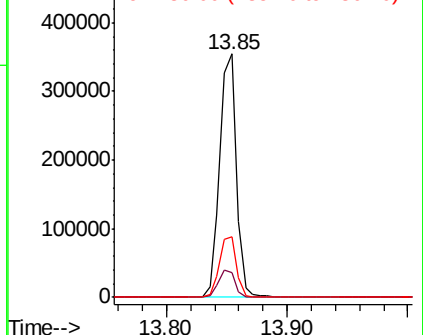
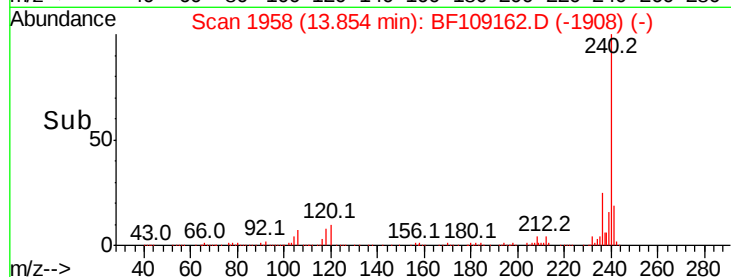
236 25.0 20.7 31.1



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: 75.926 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

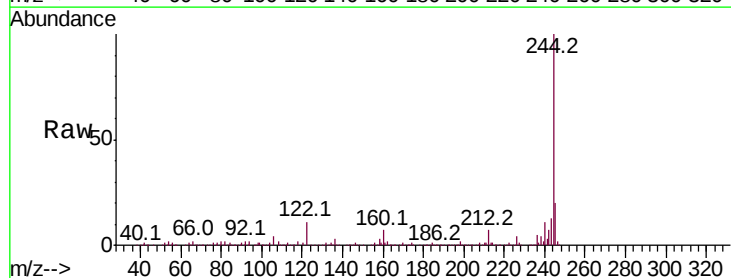
Tgt Ion:244 Resp: 1080917

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

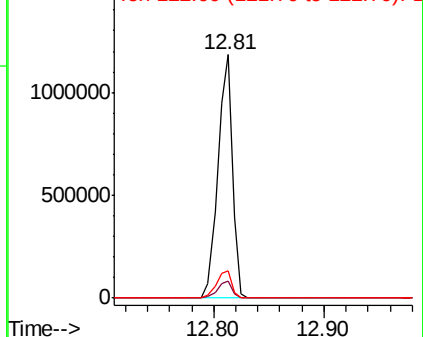
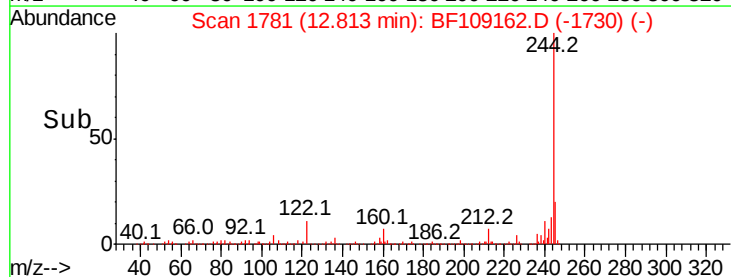
122 11.1 11.0 16.4

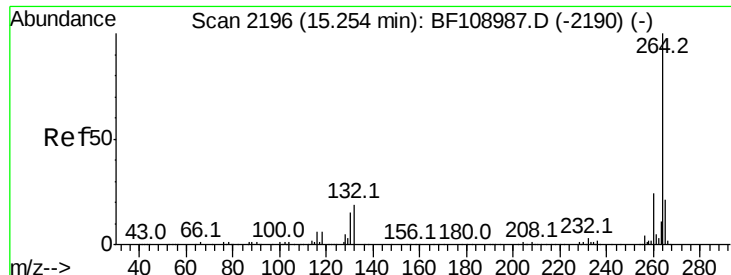


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

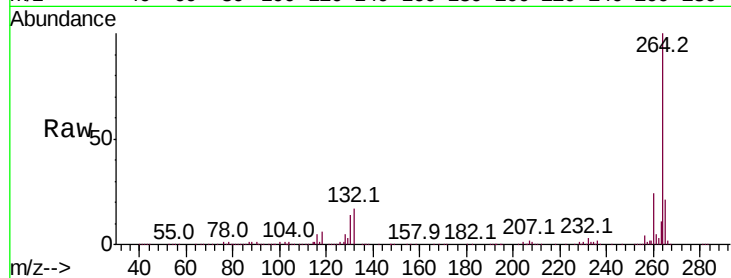




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-S

Tot Ion:	264	Resp:	301896
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	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

