

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109733.D
 Acq On : 10 Oct 2018 9:04
 Operator : JU/SJ
 Sample : J5299-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100518-DBRI-F-U-B

Quant Time: Oct 10 10:59:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

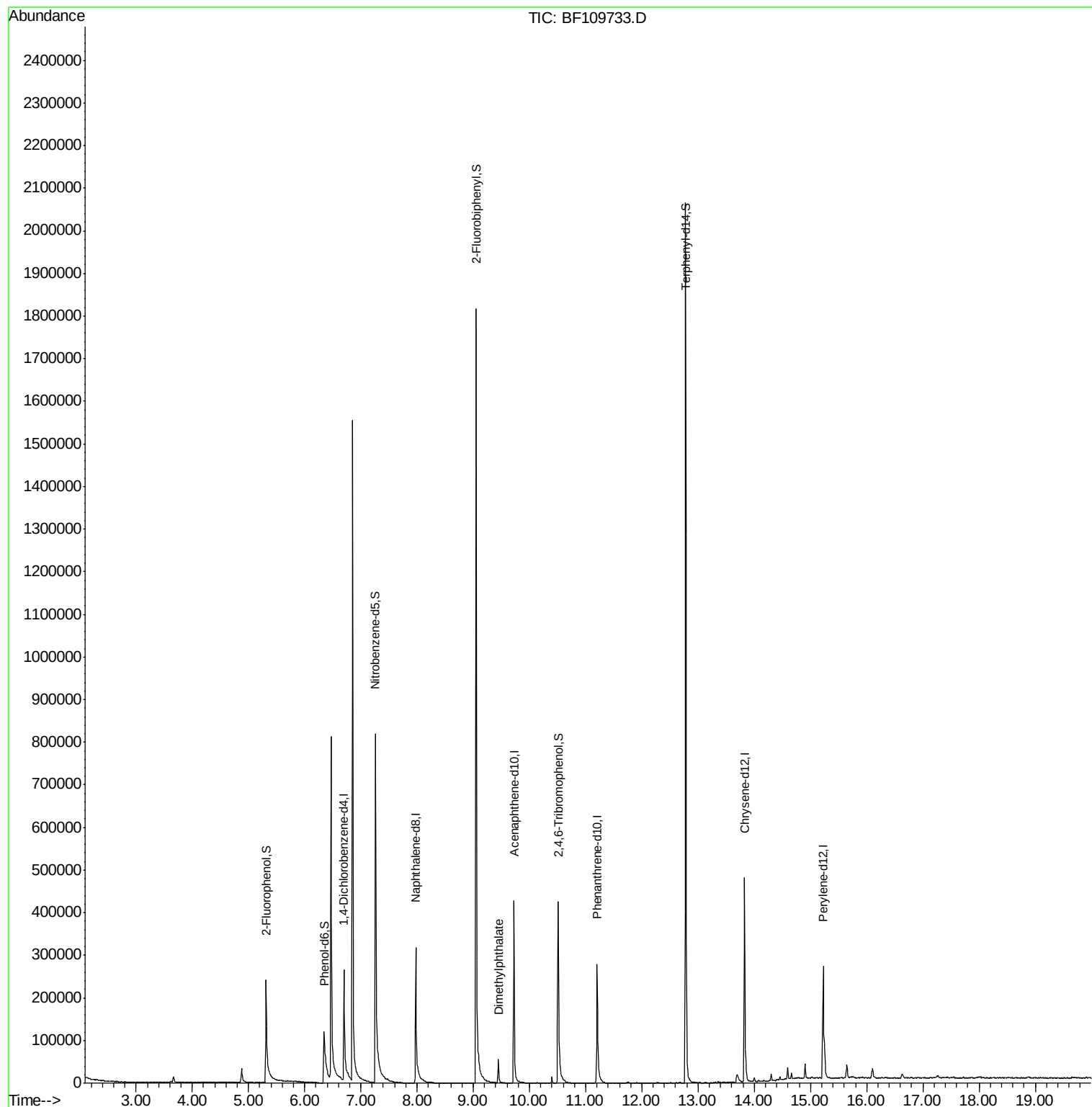
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	68284	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	258187	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	98312	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	184611	20.00	ng	0.00
75) Chrysene-d12	13.83	240	211947	20.00	ng	0.00
86) Perylene-d12	15.23	264	162641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	147625	38.37	ng	-0.01
7) Phenol-d6	6.35	99	112860	21.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	462102	98.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	88649	82.76	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	724256	101.46	ng	0.00
78) Terphenyl-d14	12.78	244	778972	71.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	34819	4.829	ng	Qvalue 98

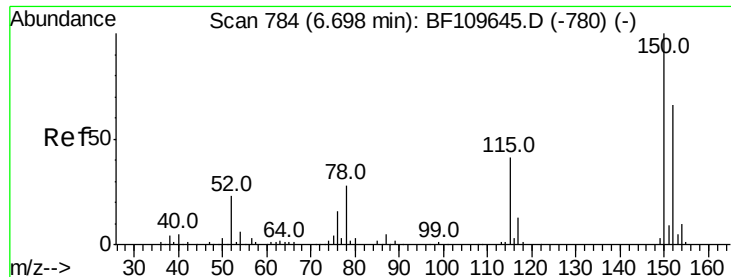
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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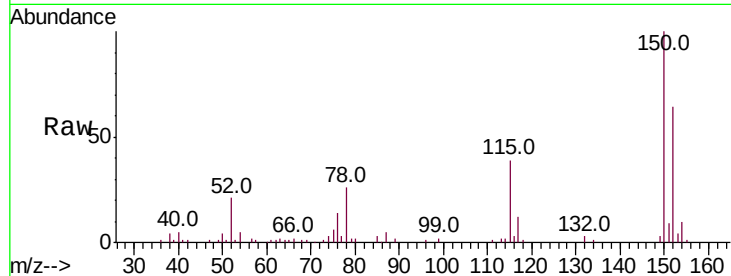


#1

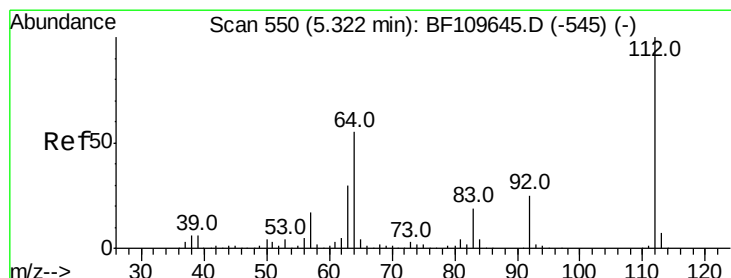
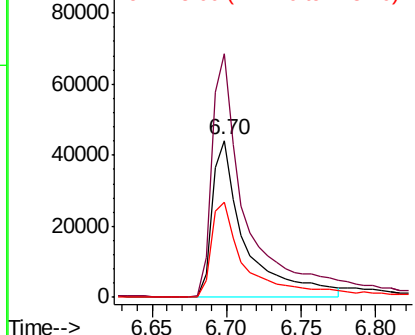
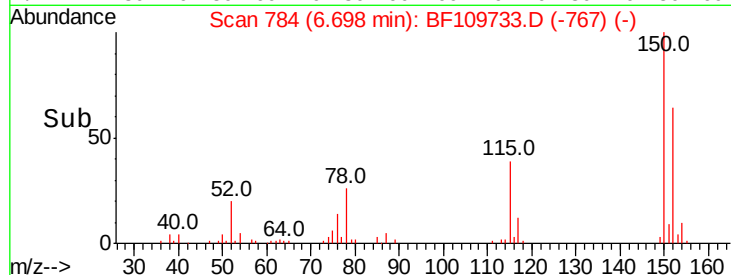
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

Instrument :
 BNA_F
 ClientSampleId :
 100518-DBRI-F-U-B

Tot Ion:152 Resp: 68284
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.7 184.1
 115 60.3 49.1 73.7



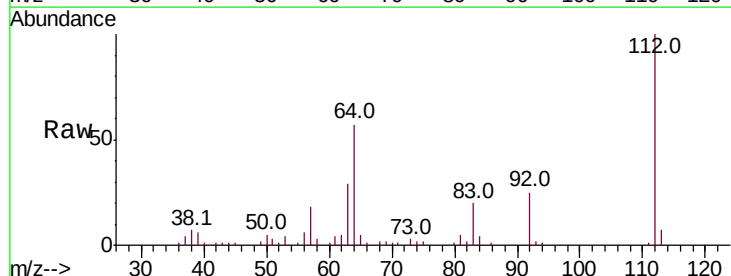
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



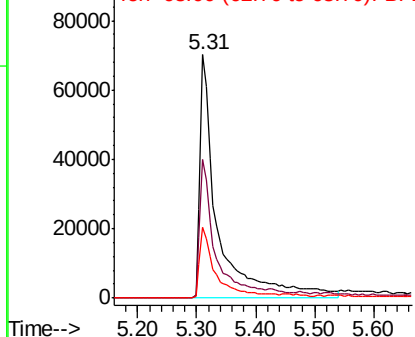
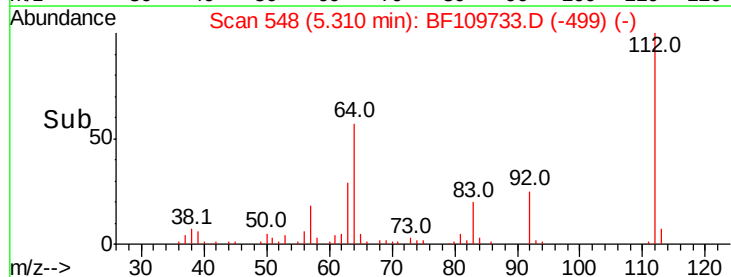
#5

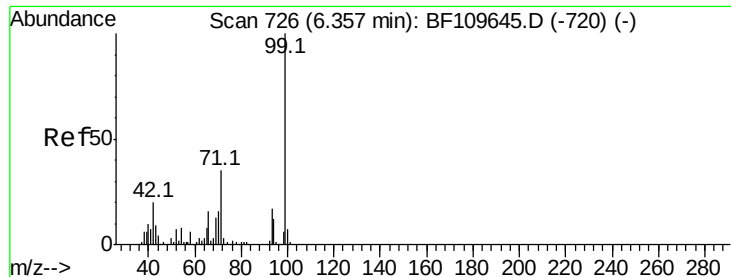
2-Fluorophenol
 Concen: 38.375 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

Tgt Ion:112 Resp: 147625
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.1 66.1
 63 29.2 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: 21.961 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109733.D

Acq: 10 Oct 2018 9:04

Instrument :

BNA_F

ClientSampleId :

100518-DBRI-F-U-B

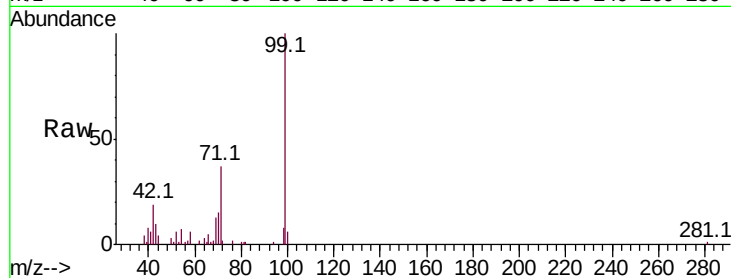
Tot Ion: 99 Resp: 112860

Ion Ratio Lower Upper

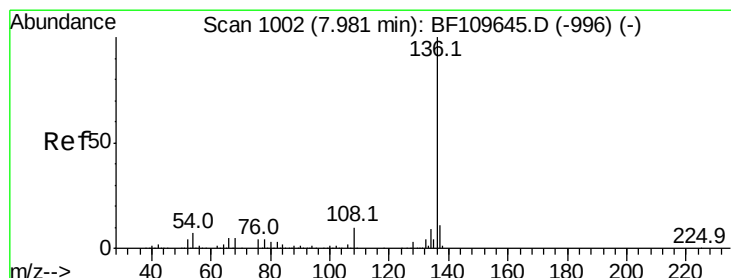
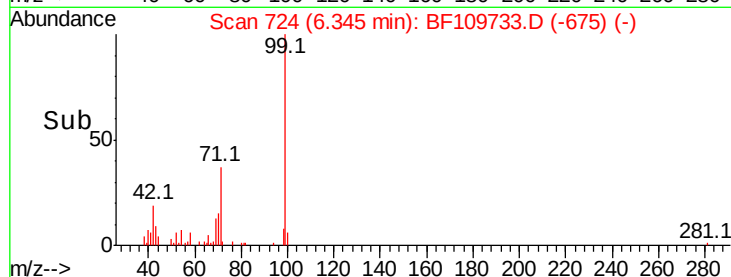
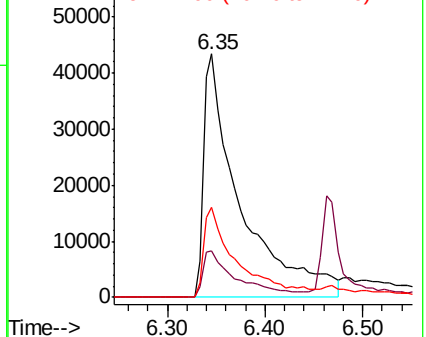
99 100

42 18.9 15.8 23.6

71 37.0 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109733.D

Acq: 10 Oct 2018 9:04

Tgt Ion: 136 Resp: 258187

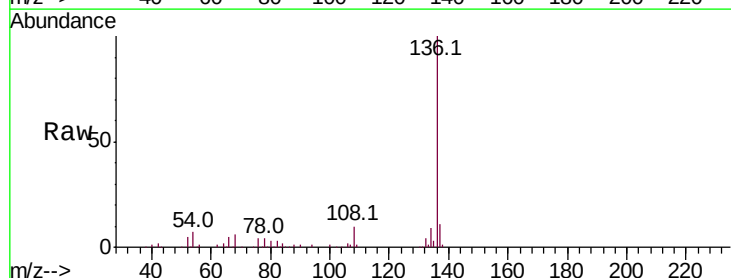
Ion Ratio Lower Upper

136 100

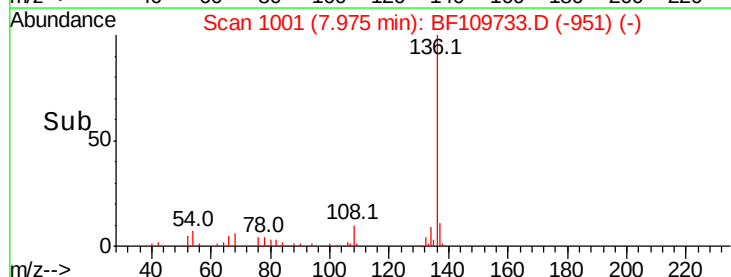
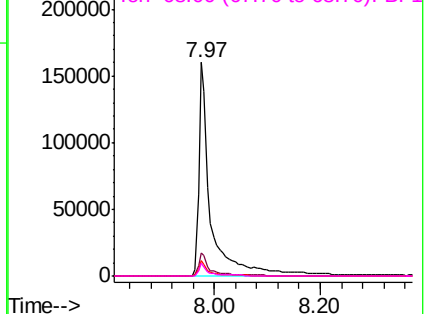
137 10.6 8.8 13.2

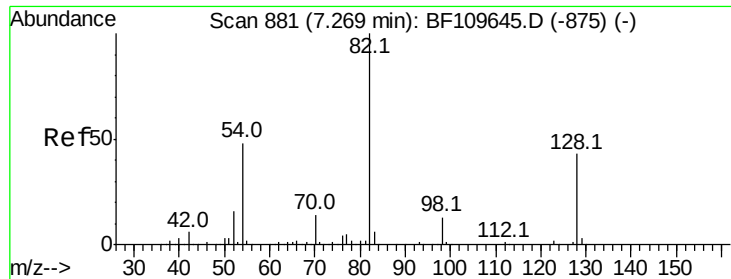
54 7.2 5.4 8.2

68 5.7 4.2 6.2



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

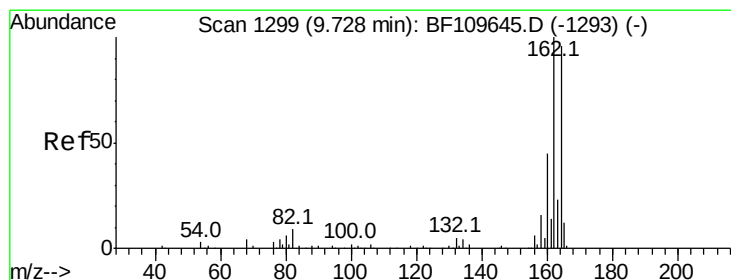
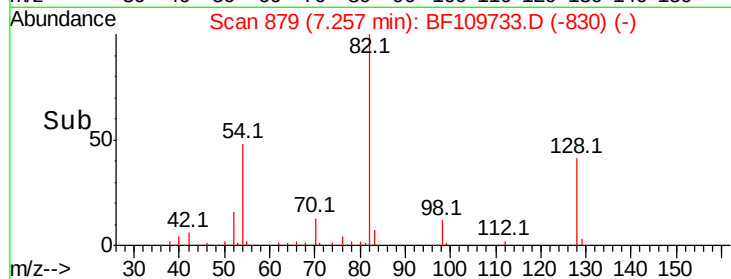
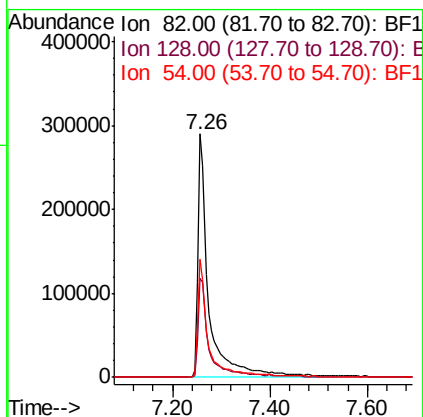
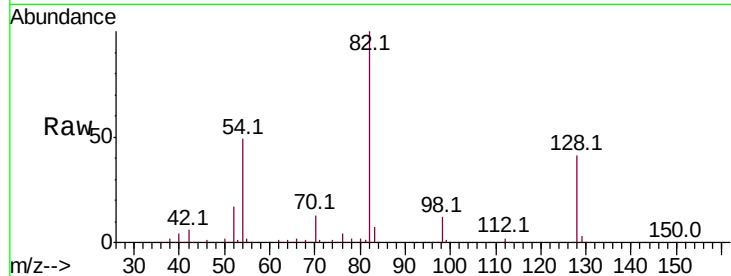




#23
 Nitrobenzene-d5
 Concen: 98.660 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

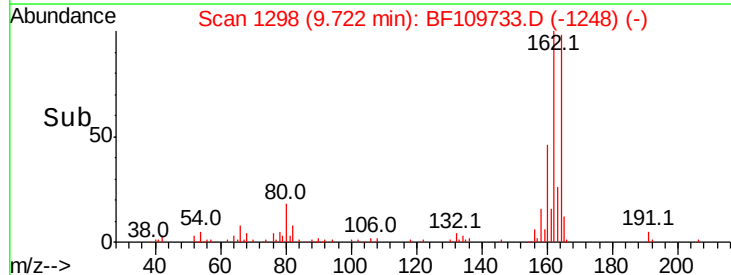
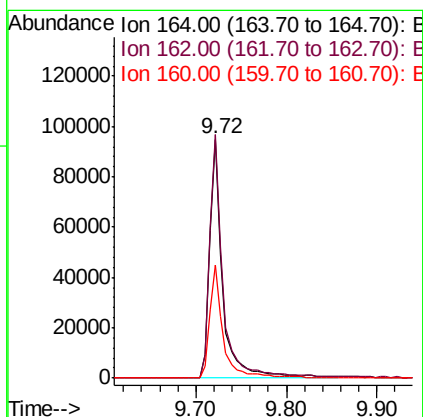
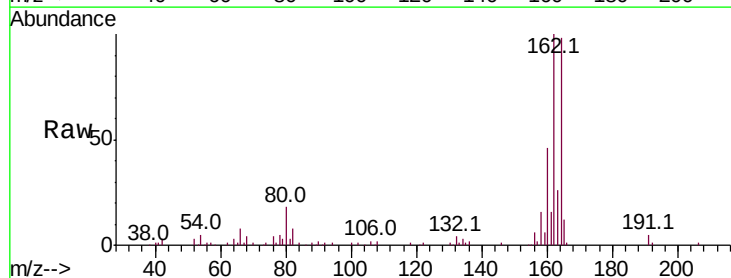
Instrument :
 BNA_F
 ClientSampleId :
 100518-DBRI-F-U-B

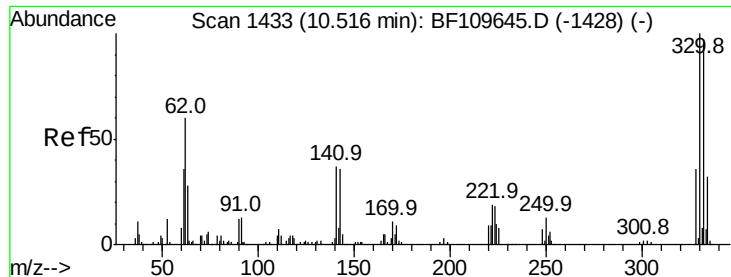
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.2	51.2
54	48.6	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	47.3	37.0	55.6

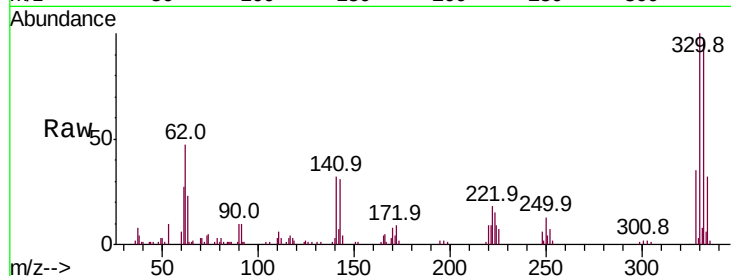




#41
 2,4,6-Tribromophenol
 Concen: 82.756 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

Instrument :
 BNA_F
 ClientSampleId :
 100518-DBRI-F-U-B

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.7			77.1	115.7	
141	34.4			27.0	40.4	

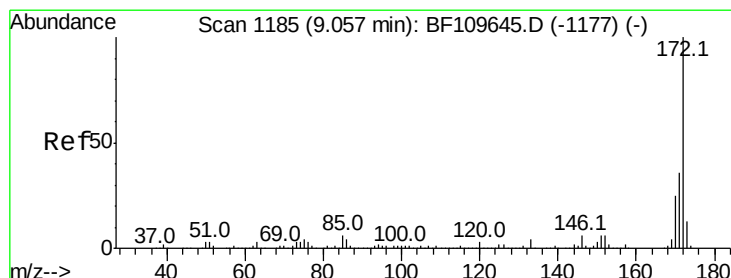
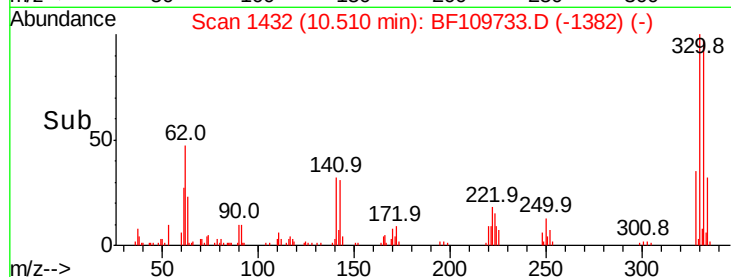
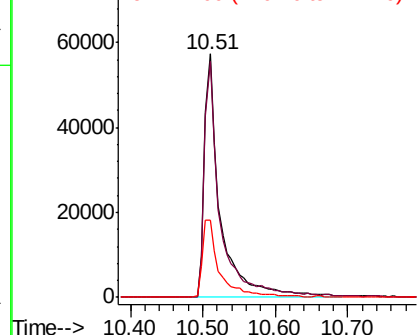


Abundance

Ion 329.80 (329.50 to 330.50): E

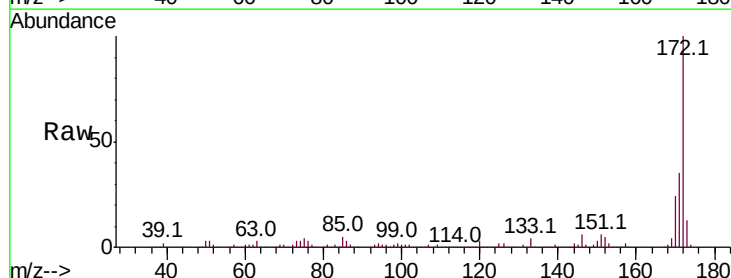
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.461 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	35.4			28.6	43.0	
170	23.5			19.7	29.5	

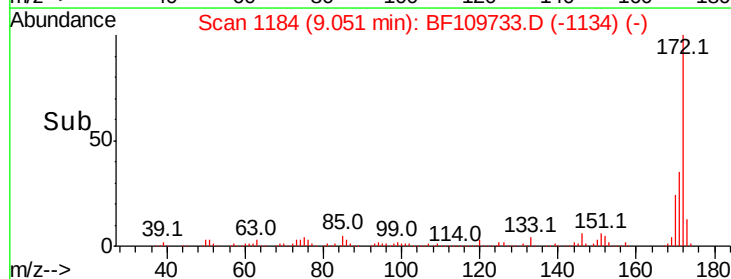
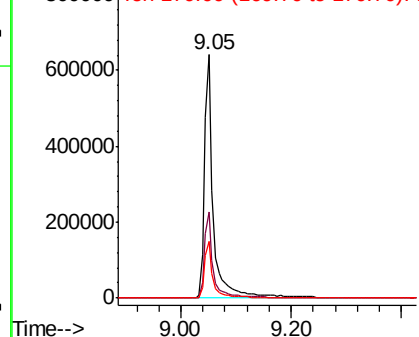


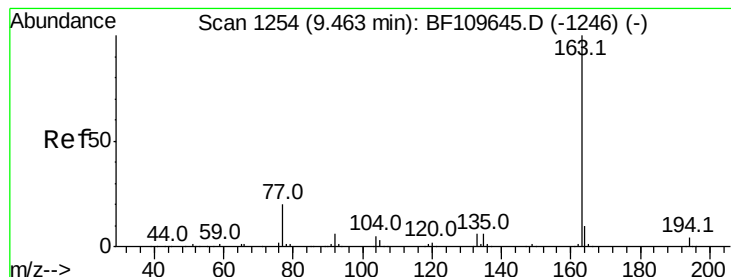
Abundance

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: 4.829 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109733.D

Acq: 10 Oct 2018 9:04

Instrument :

BNA_F

ClientSampleId :

100518-DBRI-F-U-B

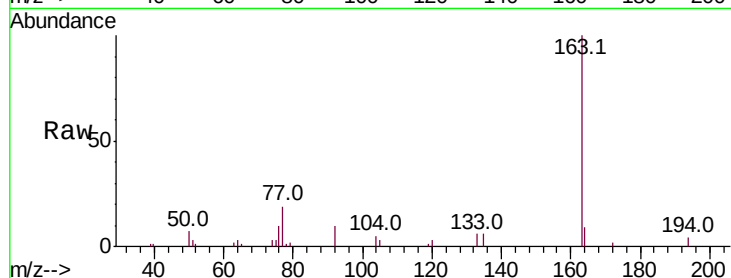
Tot Ion:163 Resp: 34819

Ion Ratio Lower Upper

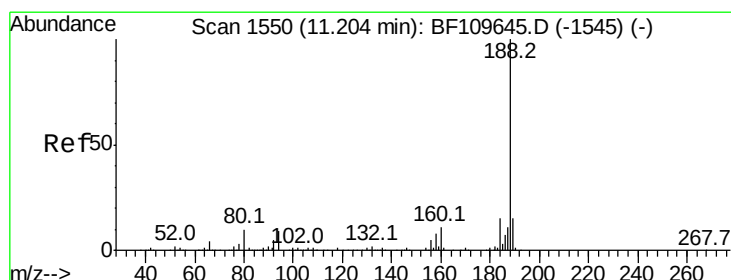
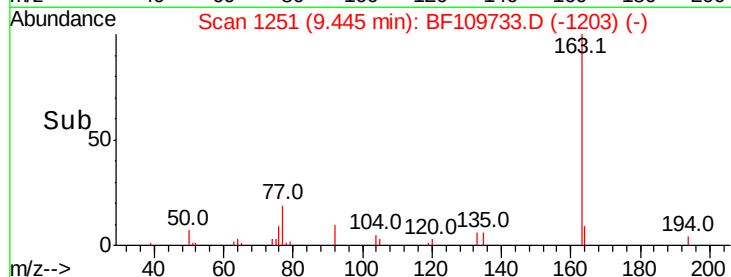
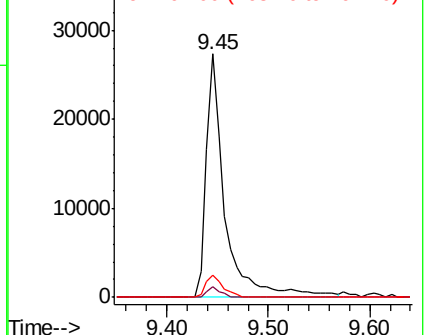
163 100

194 4.2 3.2 4.8

164 9.3 8.1 12.1



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: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109733.D

Acq: 10 Oct 2018 9:04

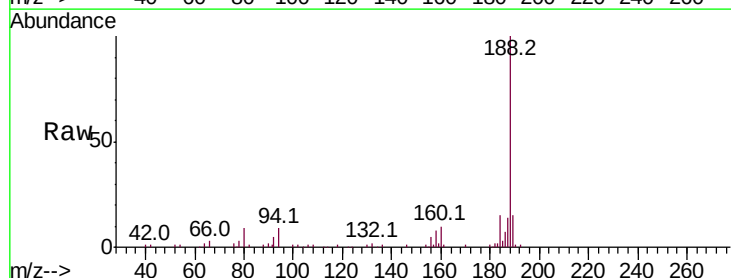
Tgt Ion:188 Resp: 184611

Ion Ratio Lower Upper

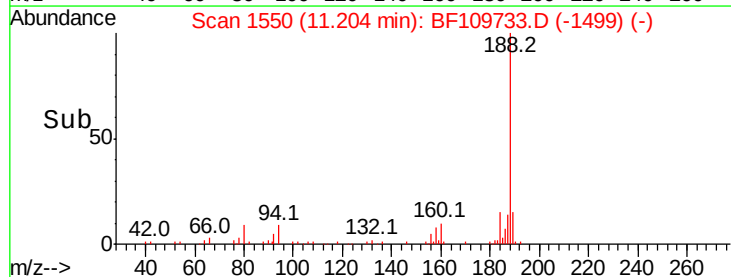
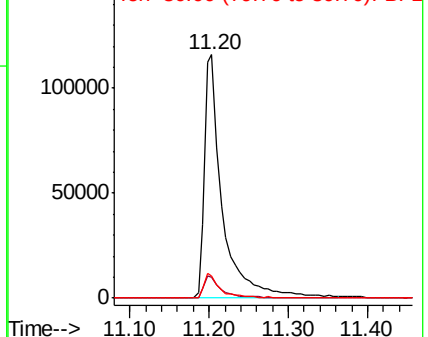
188 100

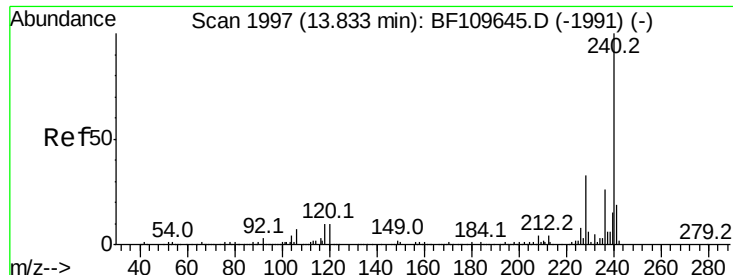
94 8.7 7.2 10.8

80 9.2 7.9 11.9



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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109733.D

Acq: 10 Oct 2018 9:04

Instrument :

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ClientSampleId :

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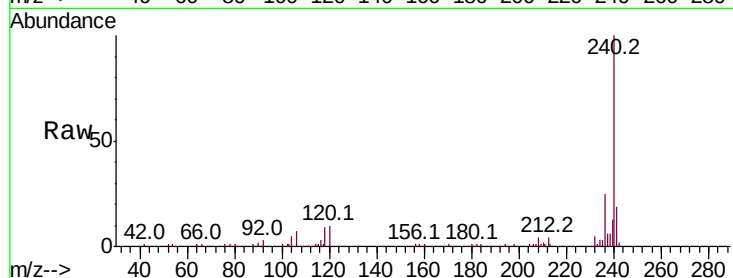
Tot Ion:240 Resp: 211947

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

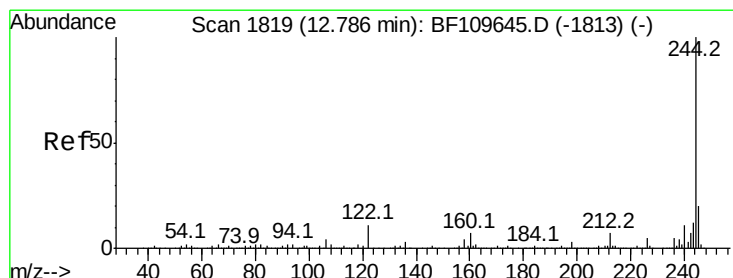
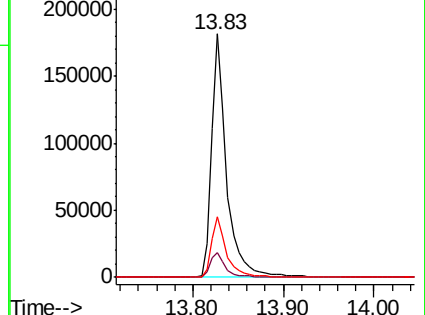
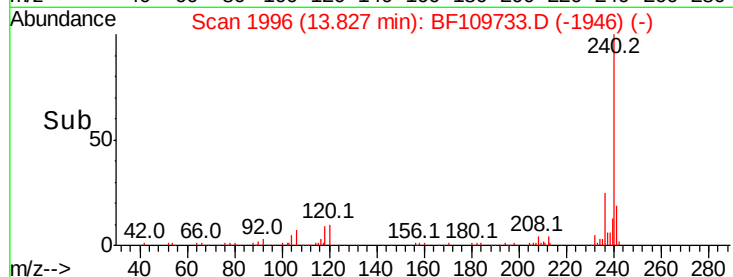
236 25.0 21.2 31.8



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: 71.148 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109733.D

Acq: 10 Oct 2018 9:04

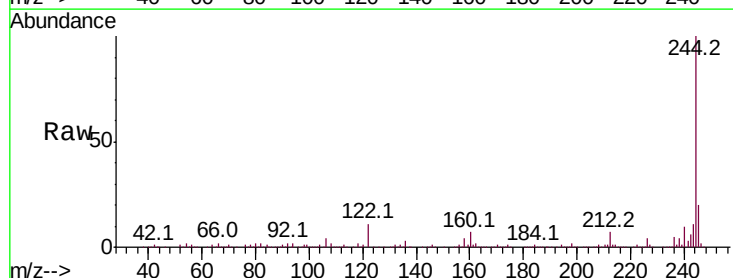
Tgt Ion:244 Resp: 778972

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

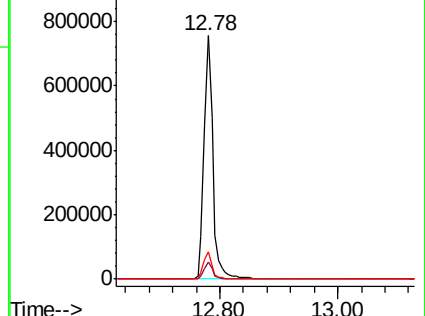
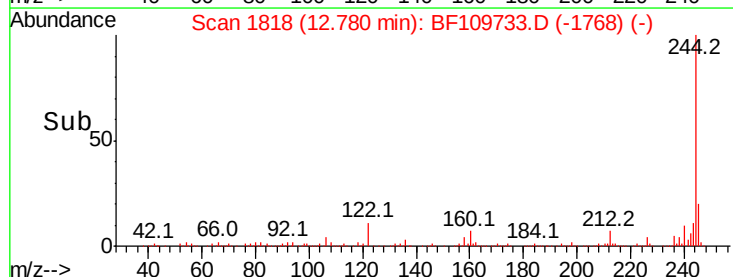
122 11.1 8.7 13.1

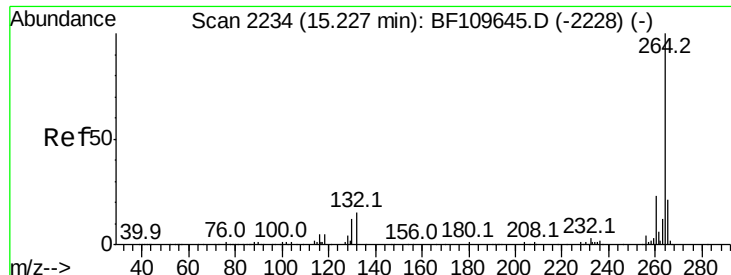


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

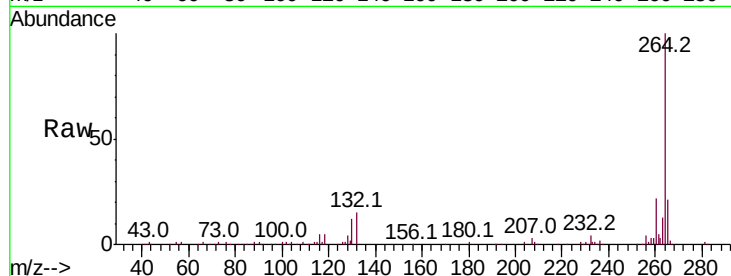




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109733.D
 Acq: 10 Oct 2018 9:04

Instrument :
 BNA_F
 ClientSampleId :
 100518-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.1	16.7	25.1



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

