

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109994.D
 Acq On : 19 Oct 2018 7:55
 Operator : JU/SJ
 Sample : J5543-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-M

Quant Time: Oct 19 11:35:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

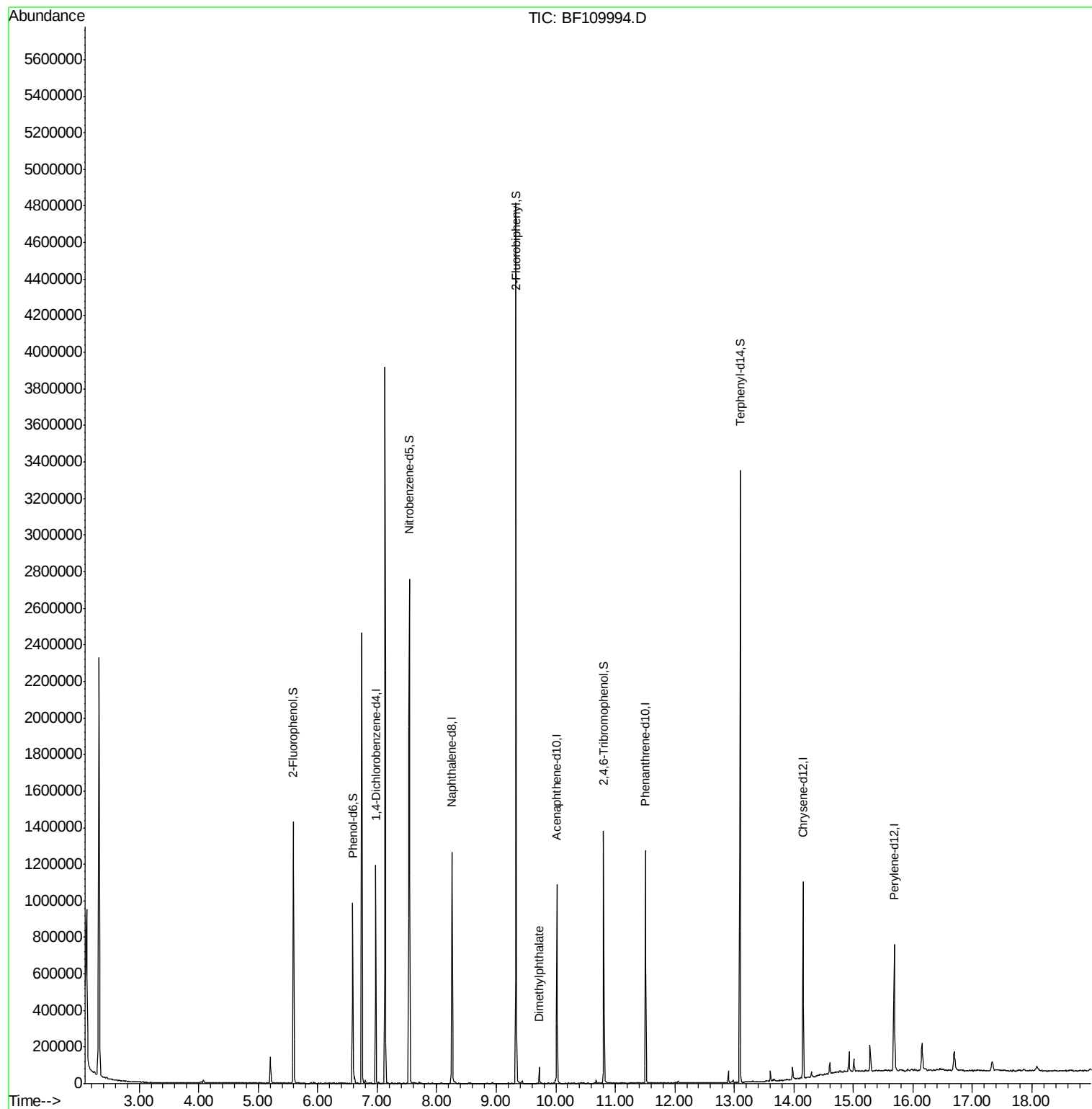
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158585	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	578475	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	222140	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	395450	20.00	ng	0.00
76) Chrysene-d12	14.16	240	353347	20.00	ng	0.00
87) Perylene-d12	15.69	264	252936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	383987	38.38	ng	0.00
7) Phenol-d6	6.59	99	270926	21.81	ng	-0.02
23) Nitrobenzene-d5	7.54	82	849074	98.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	164311	85.43	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1389348	99.80	ng	0.00
79) Terphenyl-d14	13.10	244	1132438	67.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.72	163	34744	2.209	ng	Qvalue 98

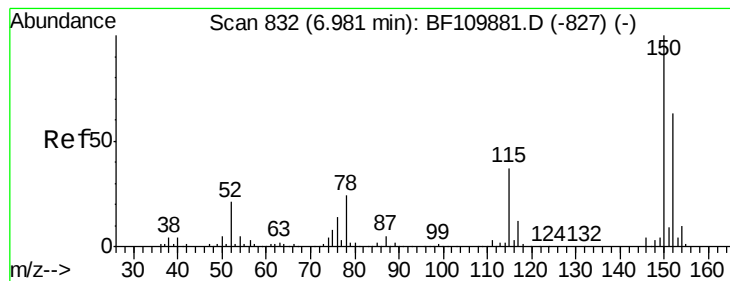
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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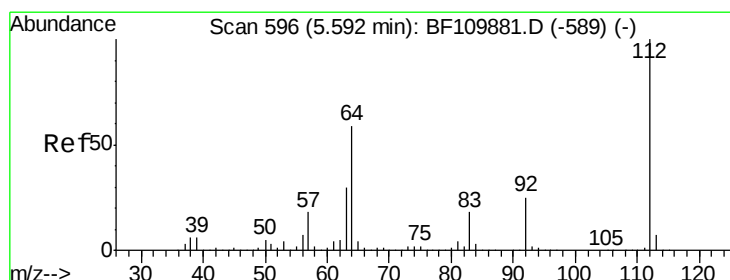
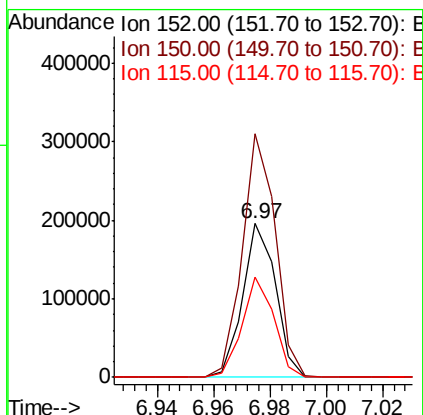
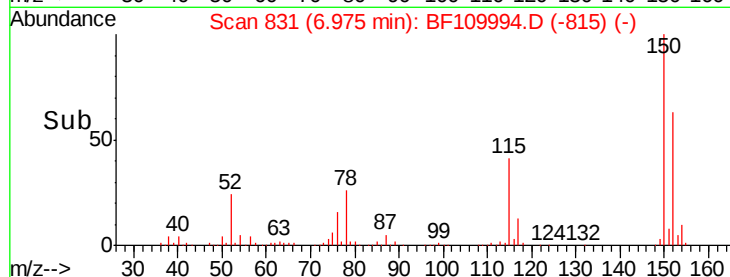
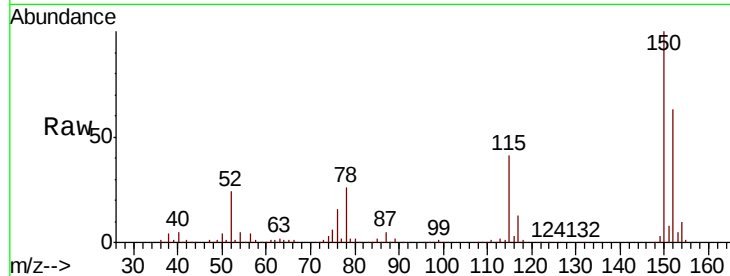


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

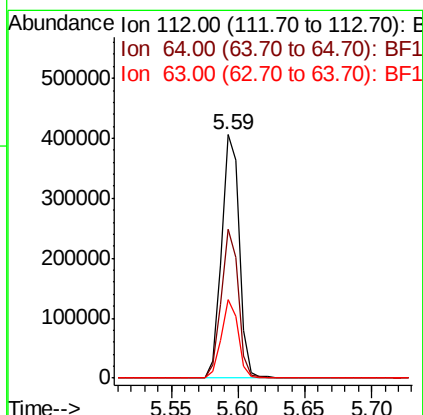
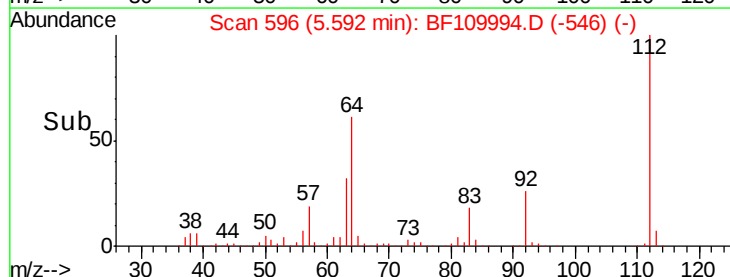
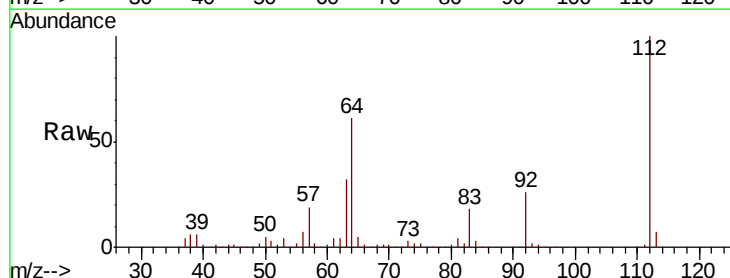
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	65.1	49.1	73.7



#5

2-Fluorophenol
Concen: 38.381 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	44.1	66.1
63	32.2	23.7	35.5





#7

Phenol-d6

Concen: 21.808 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-M

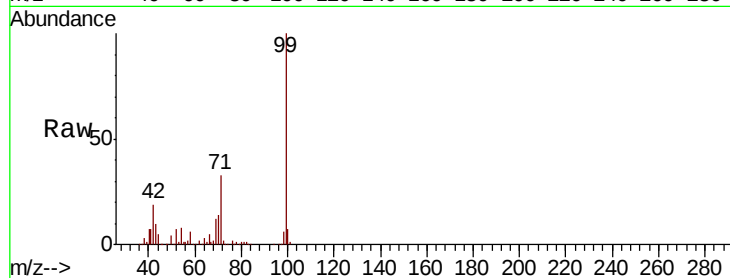
Tot Ion: 99 Resp: 270926

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

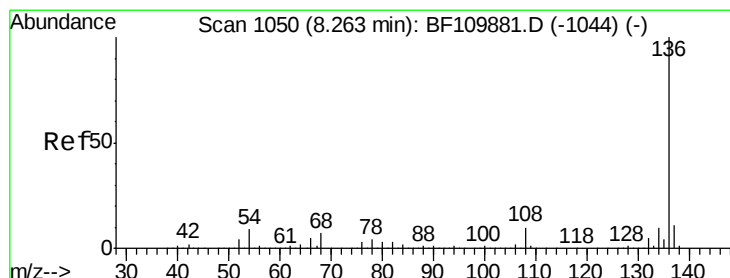
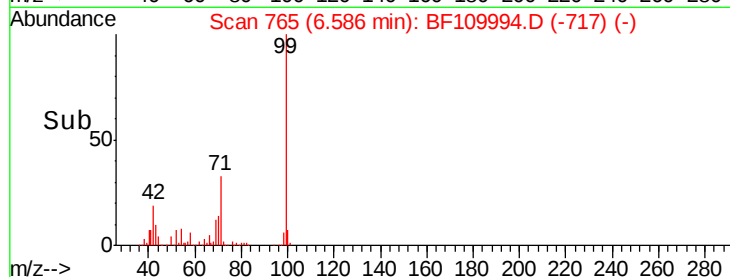
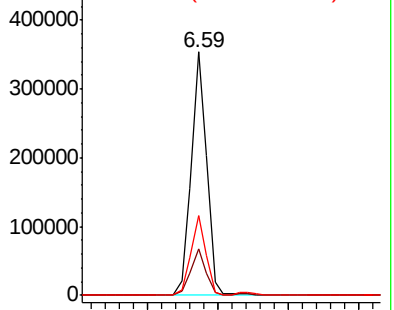
71 32.8 28.0 42.0



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: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Tgt Ion: 136 Resp: 578475

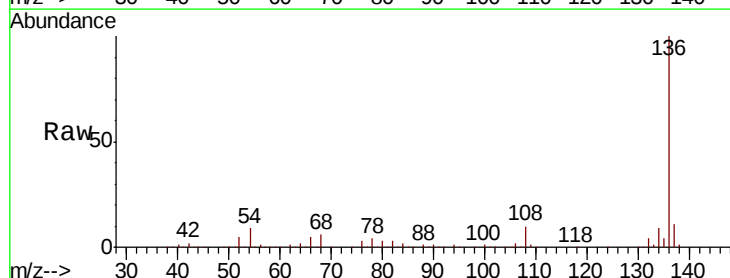
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.1 5.4 8.2#

68 6.1 4.2 6.2

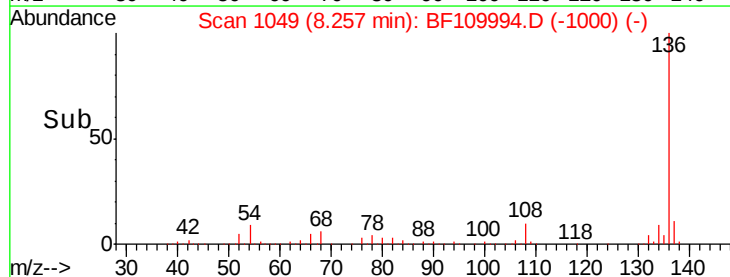
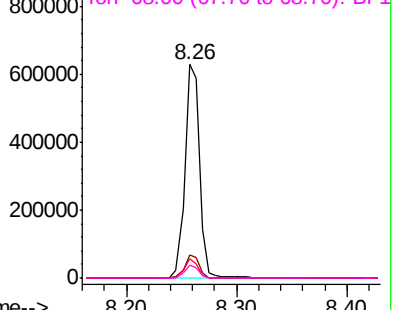


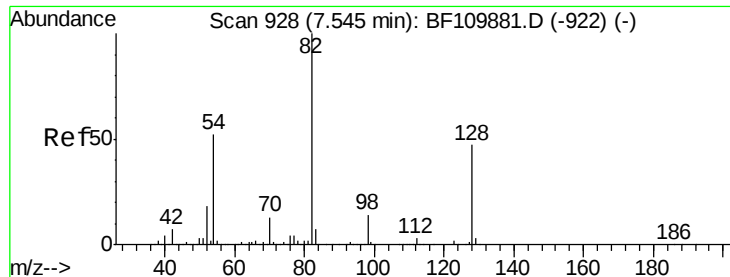
Abundance Ion 136.00 (135.70 to 136.70): E

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

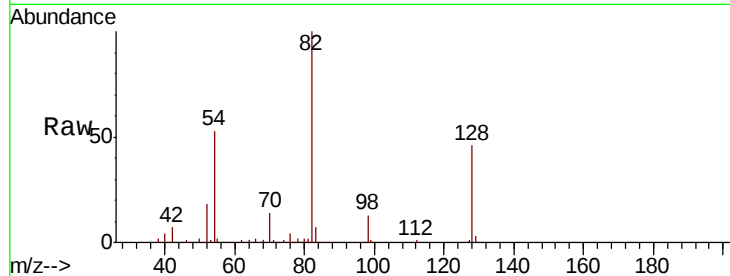




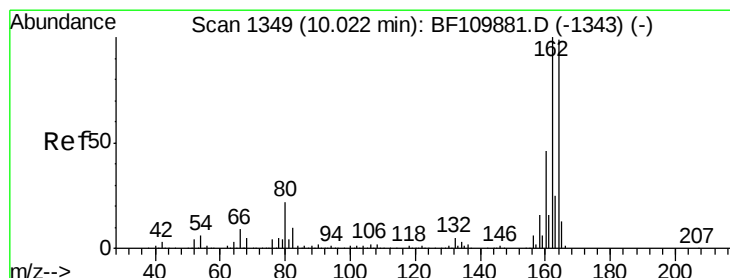
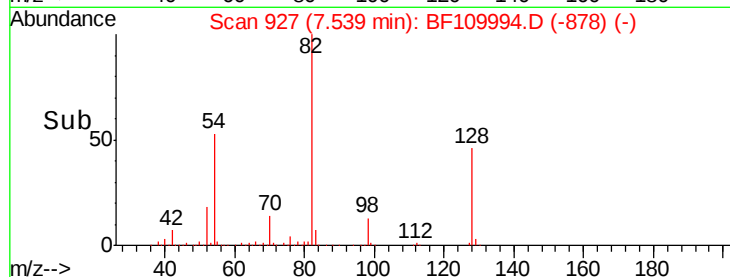
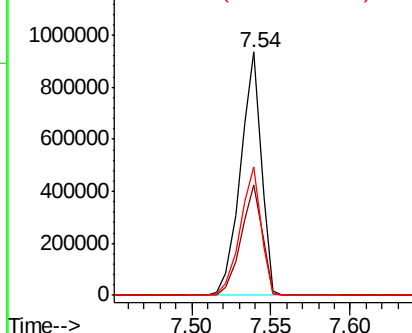
#23
 Nitrobenzene-d5
 Concen: 98.875 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Instrument :
 BNA_F
 ClientSampleId :
 101618-DBRI-E-D-M

Tot Ion	82	Resp	849074
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.2	51.2
54	52.7	38.6	58.0

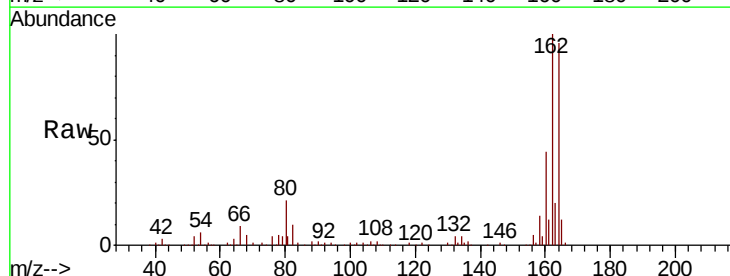


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

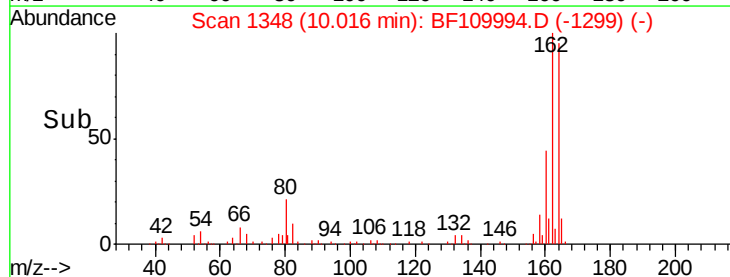
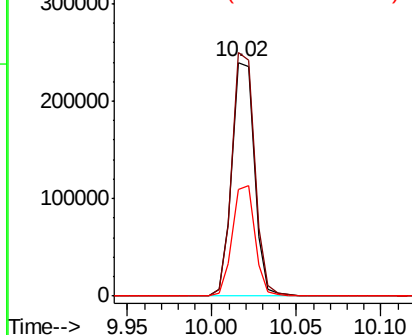


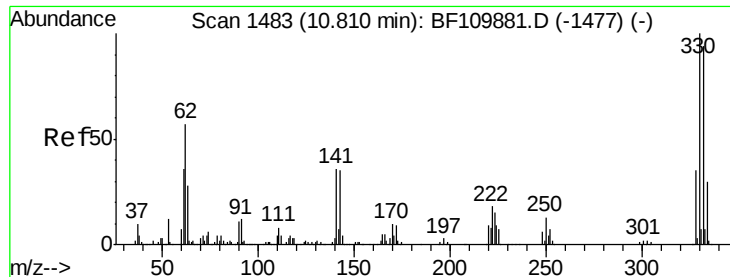
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Tgt Ion	164	Resp	222140
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.0	124.6
160	45.6	37.0	55.6



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





#42

2,4,6-Tribromophenol

Concen: 85.435 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-M

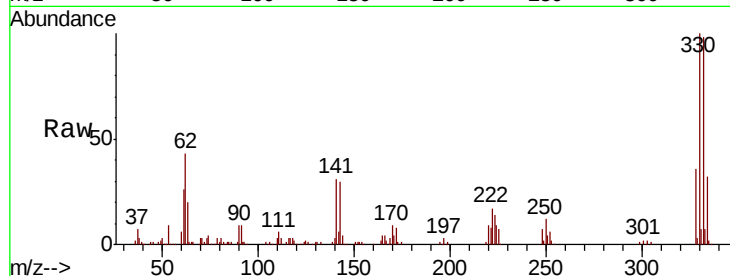
Tot Ion:330 Resp: 164311

Ion Ratio Lower Upper

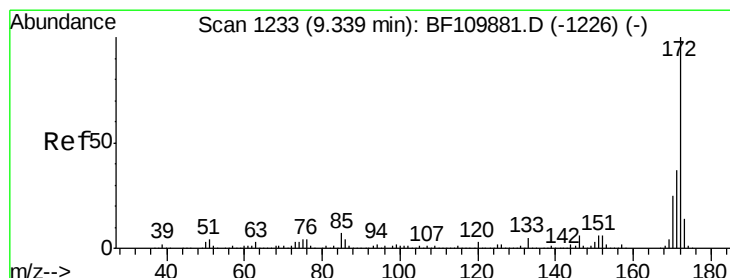
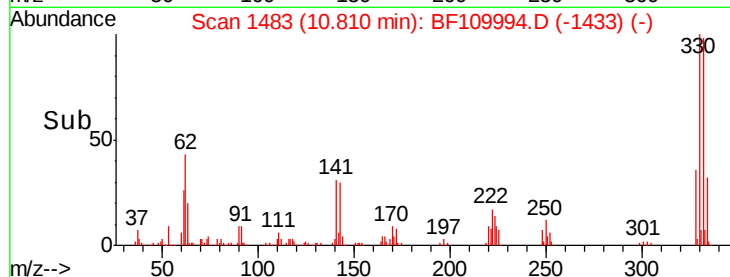
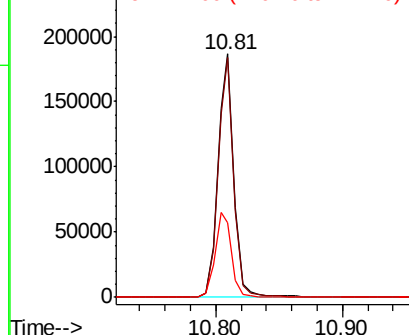
330 100

332 97.0 77.1 115.7

141 36.4 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



#45

2-Fluorobiphenyl

Concen: 99.798 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109994.D

Acq: 19 Oct 2018 7:55

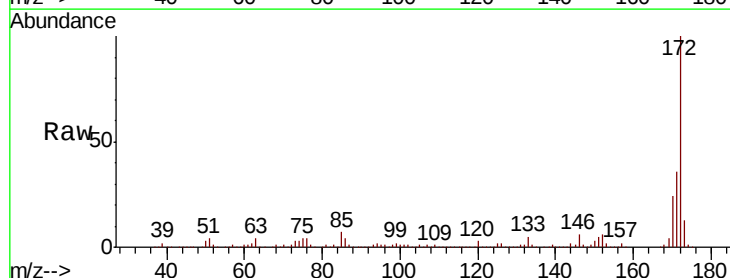
Tgt Ion:172 Resp: 1389348

Ion Ratio Lower Upper

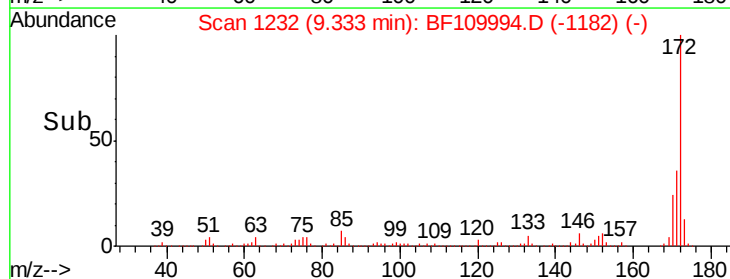
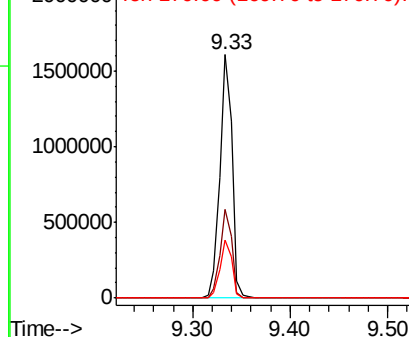
172 100

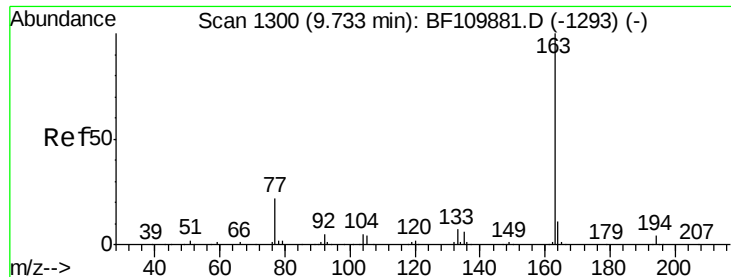
171 36.3 28.6 43.0

170 24.0 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

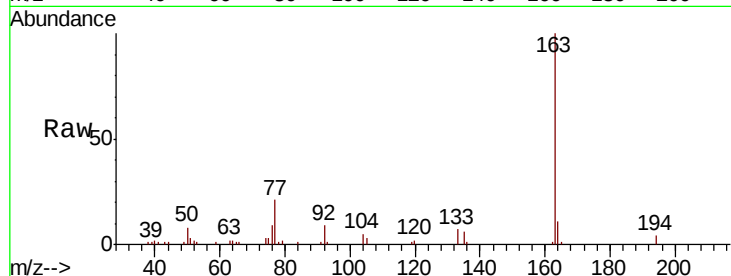




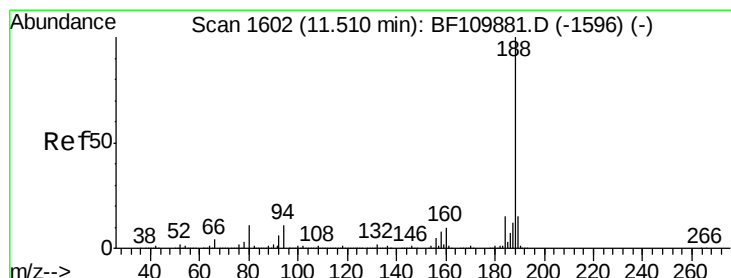
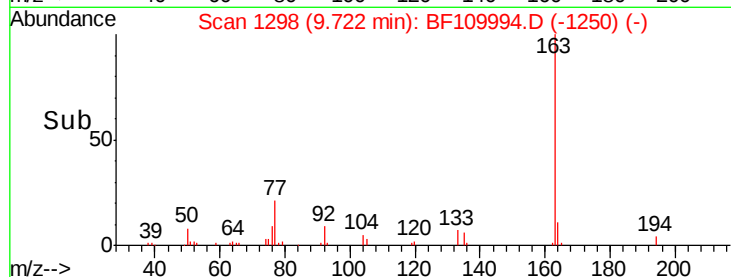
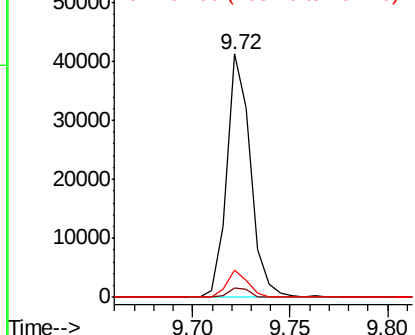
#50
Dimethylphthalate
Concen: 2.209 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
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101618-DBRI-E-D-M

Tot Ion:163 Resp: 34744
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 11.0 8.1 12.1

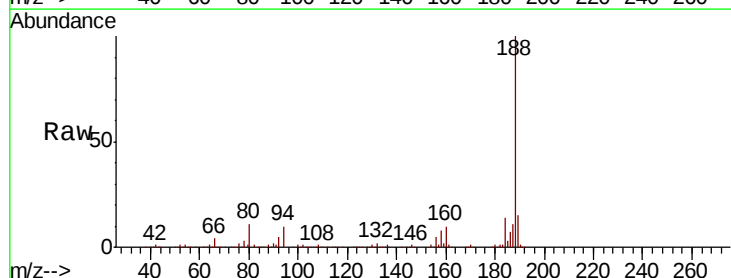


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

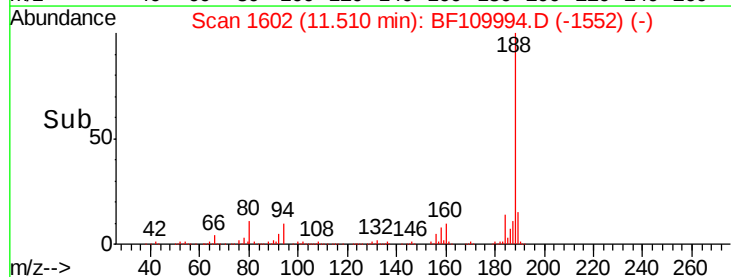
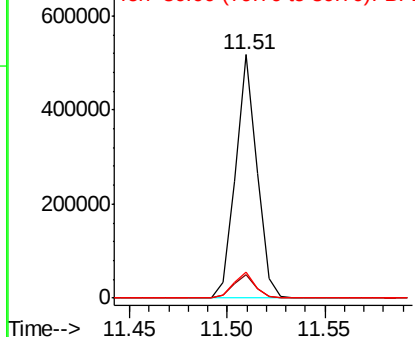


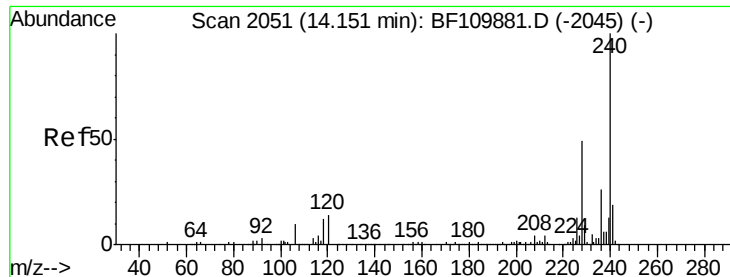
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:188 Resp: 395450
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.7 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

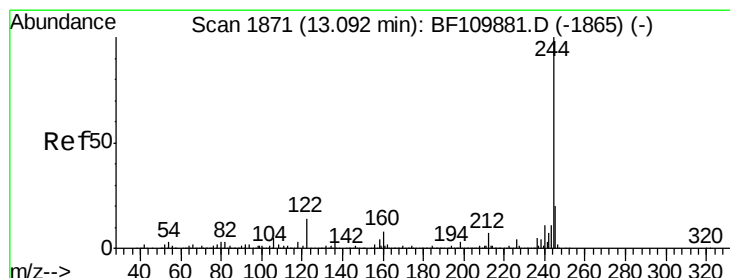
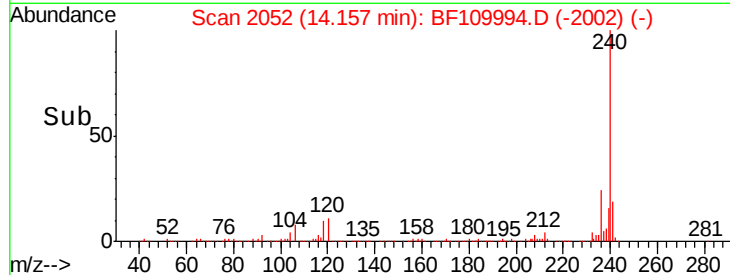
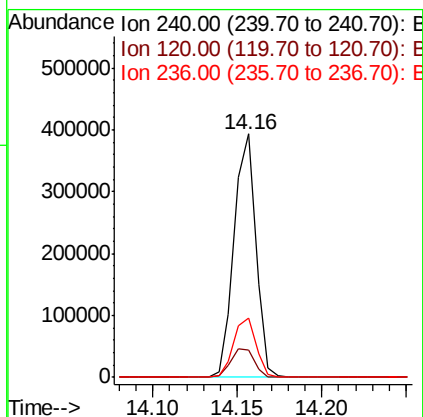
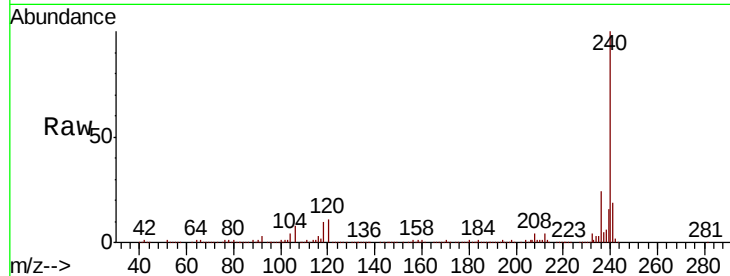




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

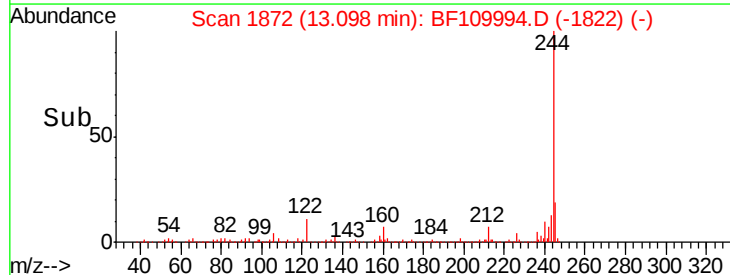
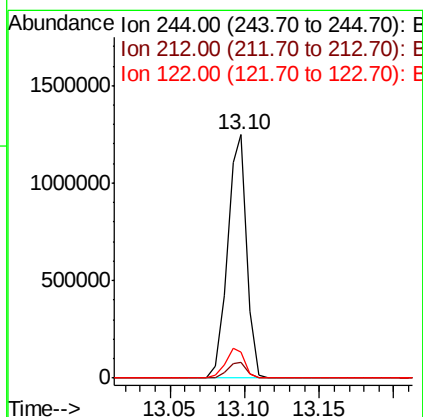
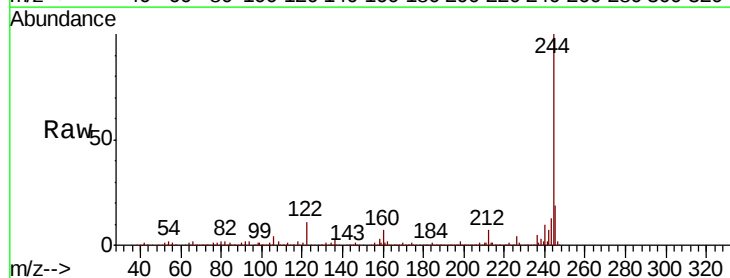
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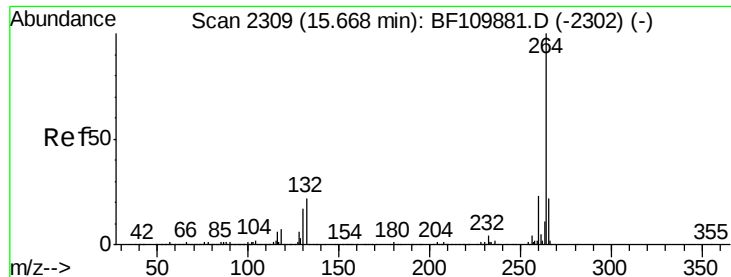
Tot Ion:240 Resp: 353347
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 24.4 21.2 31.8



#79
 Terphenyl-d14
 Concen: 67.300 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109994.D
 Acq: 19 Oct 2018 7:55

Tgt Ion:244 Resp: 1132438
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.9 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.8	16.7	25.1

