

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109995.D
 Acq On : 19 Oct 2018 8:22
 Operator : JU/SJ
 Sample : J5543-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Oct 19 11:36:13 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

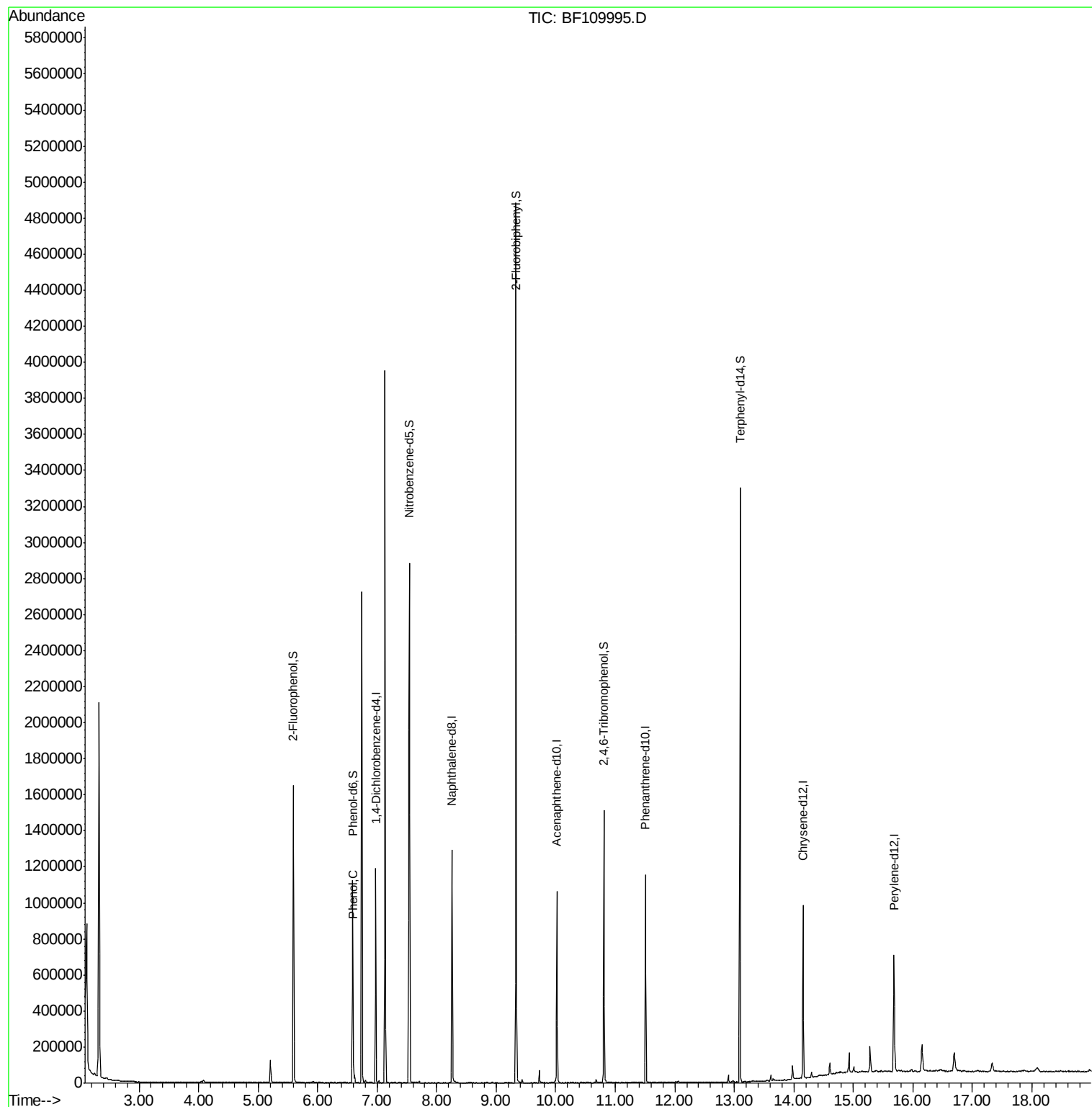
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156768	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	572257	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	220097	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	377096	20.00	ng	0.00
76) Chrysene-d12	14.16	240	332116	20.00	ng	0.00
87) Perylene-d12	15.68	264	235019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	427915	43.27	ng	0.00
7) Phenol-d6	6.59	99	311877	25.40	ng	-0.02
23) Nitrobenzene-d5	7.54	82	908910	106.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	176377	92.56	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1468735	106.48	ng	0.00
79) Terphenyl-d14	13.10	244	1157447	73.18	ng	0.00
Target Compounds						
10) Phenol	6.60	94	39596	2.986	ng	Qvalue # 65

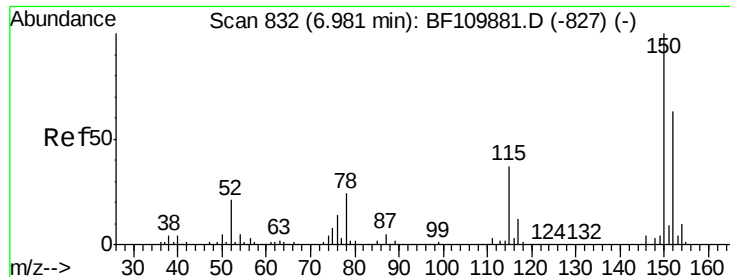
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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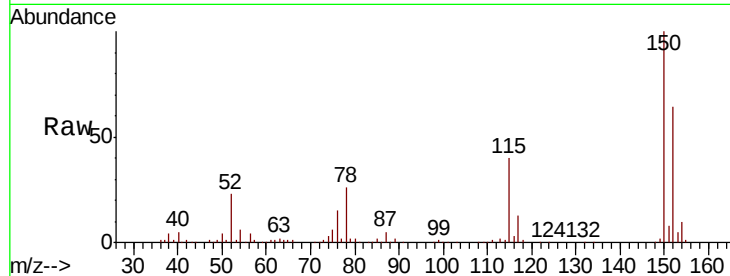


#1

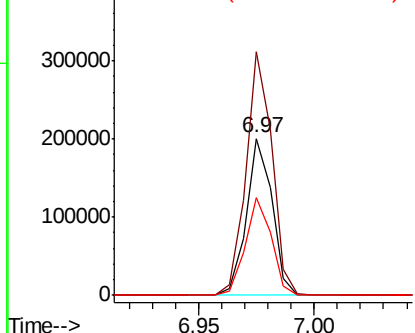
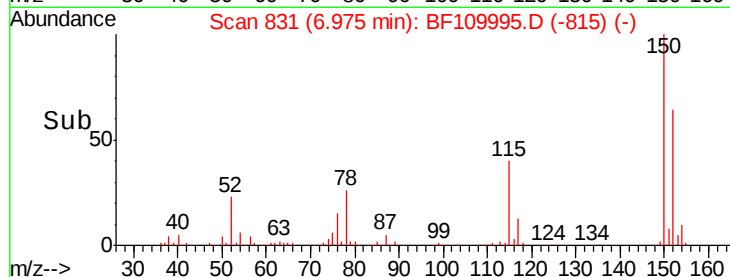
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

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

Tot Ion:152 Resp: 156768
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 62.0 49.1 73.7



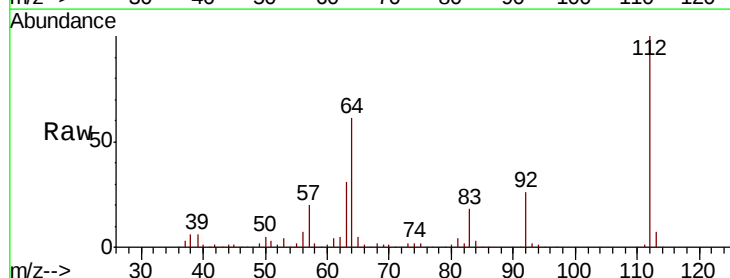
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



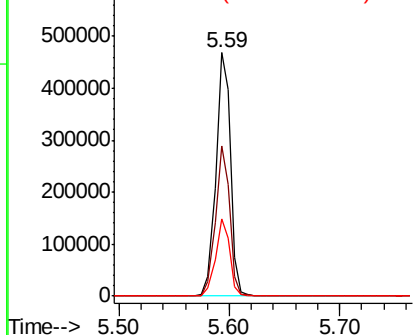
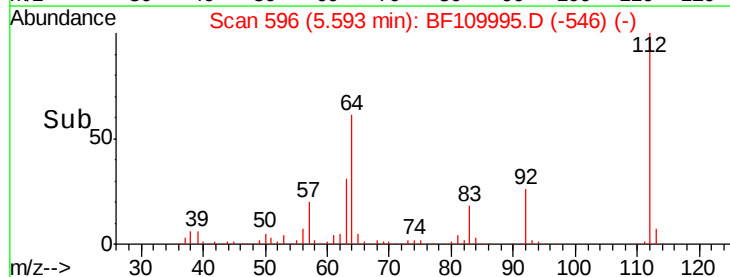
#5

2-Fluorophenol
Concen: 43.268 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:112 Resp: 427915
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 31.5 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: 25.396 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109995.D

Acq: 19 Oct 2018 8:22

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-S

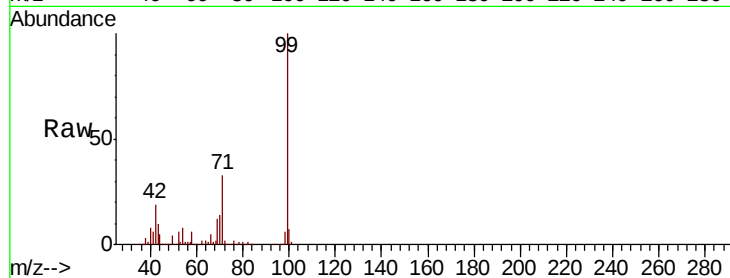
Tot Ion: 99 Resp: 311877

Ion Ratio Lower Upper

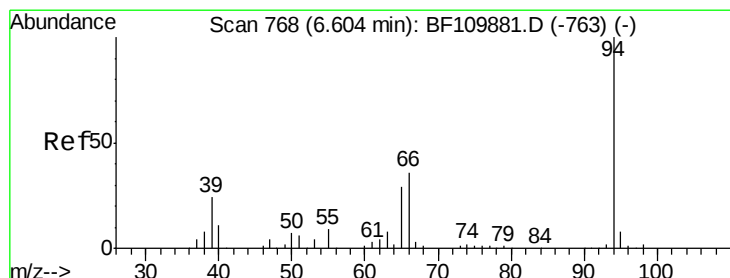
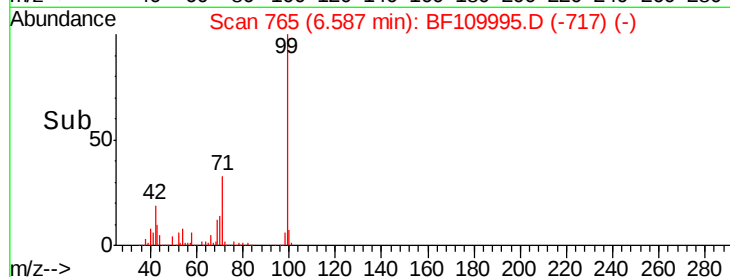
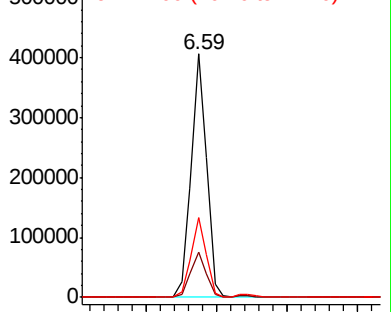
99 100

42 18.5 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



#10

Phenol

Concen: 2.986 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109995.D

Acq: 19 Oct 2018 8:22

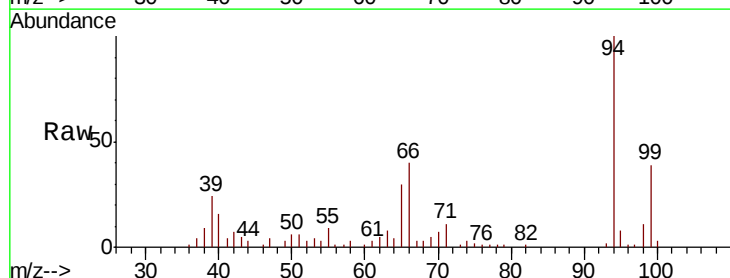
Tgt Ion: 94 Resp: 39596

Ion Ratio Lower Upper

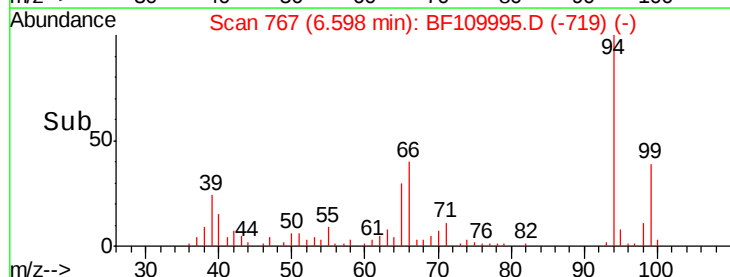
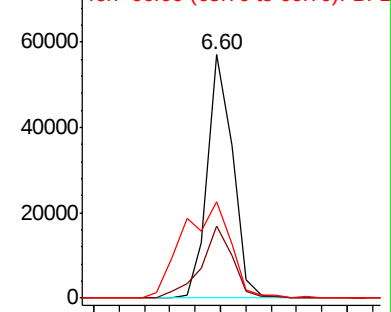
94 100

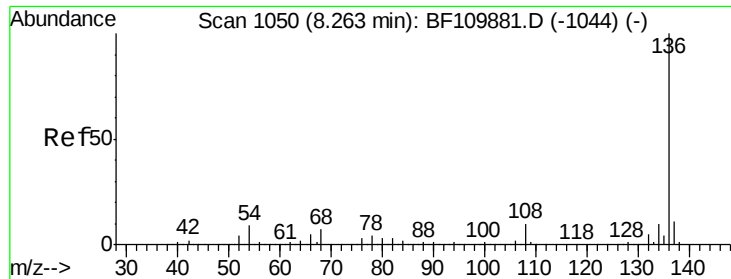
65 29.8 25.3 65.3

66 39.6 54.5 94.5#



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

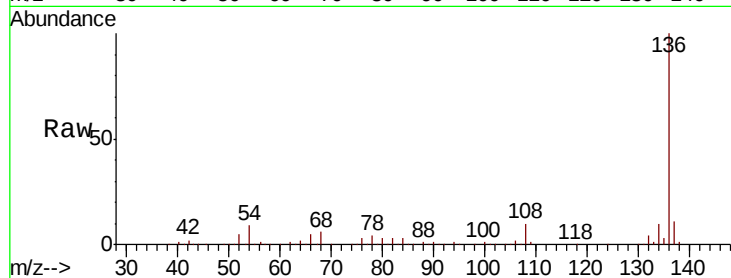




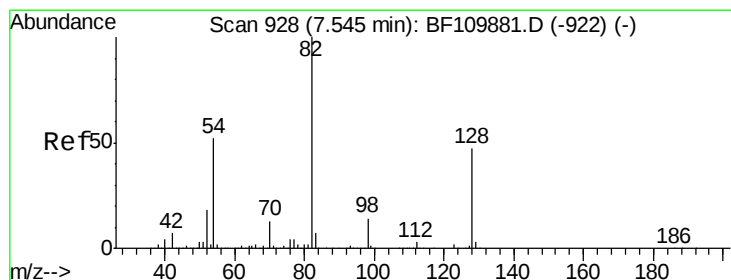
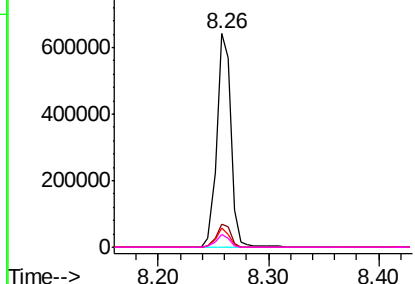
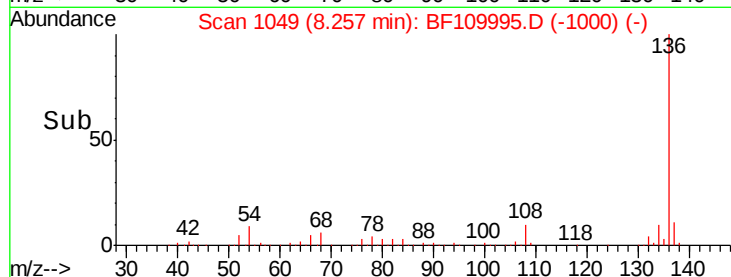
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

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

Tot Ion:136	Resp:	572257
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	9.1	5.4 8.2#
68	6.2	4.2 6.2

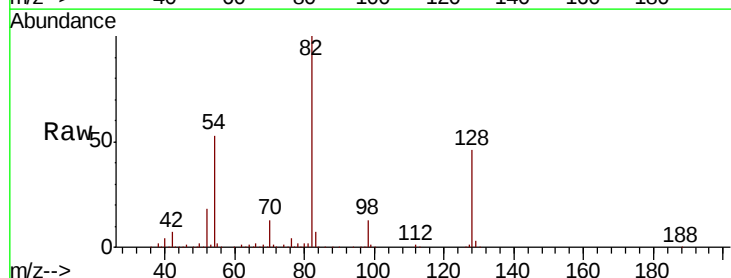


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

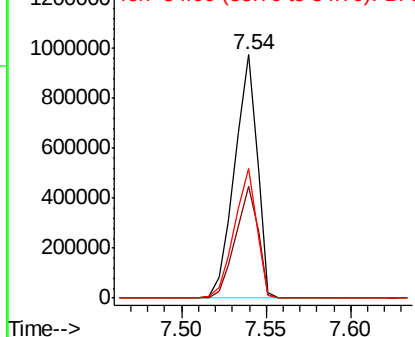
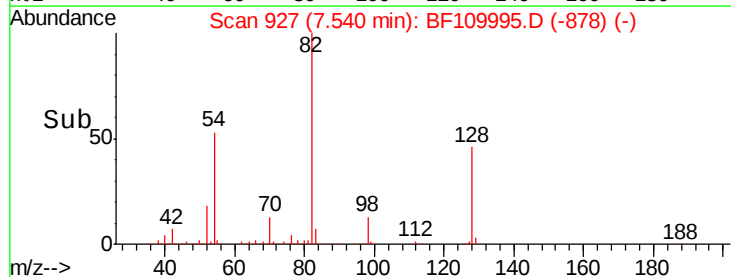


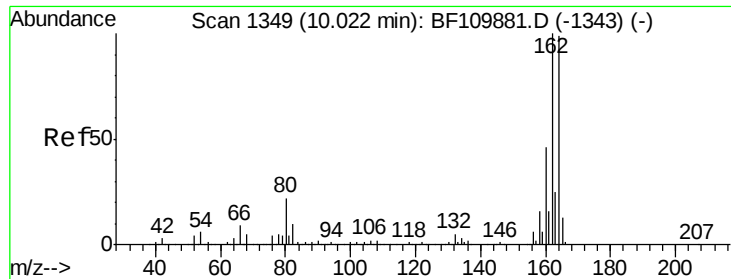
#23
Nitrobenzene-d5
Concen: 106.993 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion: 82	Resp:	908910
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.2 51.2
54	53.1	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
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: BF109995.D

Acq: 19 Oct 2018 8:22

Instrument :

BNA_F

ClientSampleId :

101618-DBRI-E-D-S

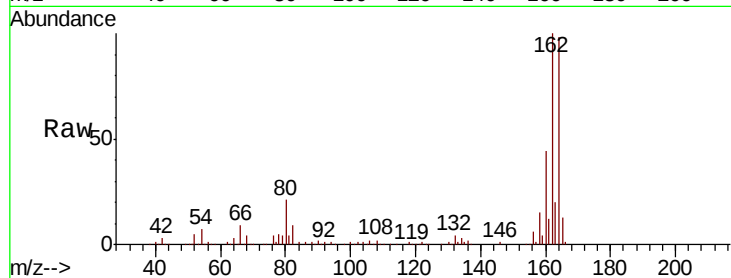
Tot Ion:164 Resp: 220097

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

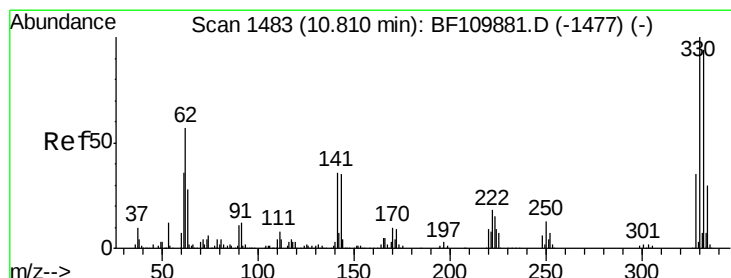
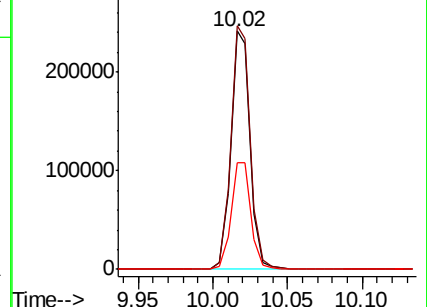
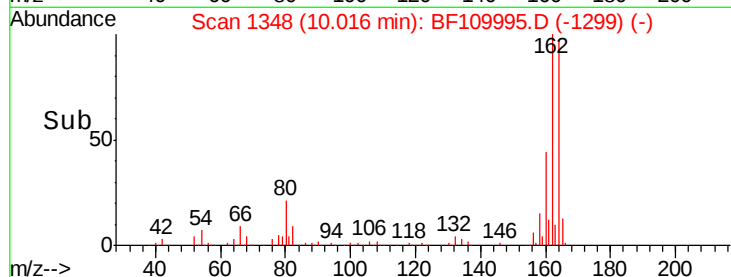
160 44.8 37.0 55.6



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: 92.560 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109995.D

Acq: 19 Oct 2018 8:22

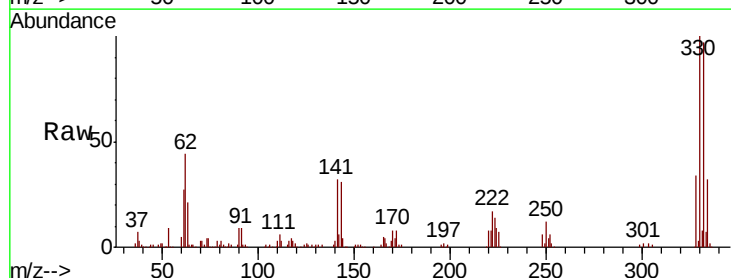
Tgt Ion:330 Resp: 176377

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

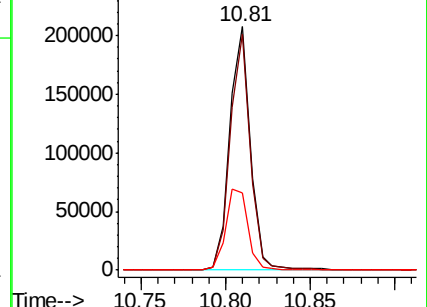
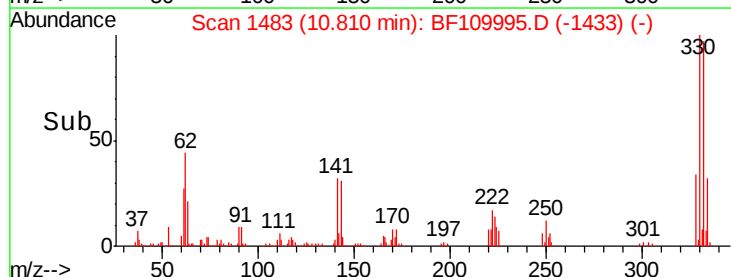
141 36.1 27.0 40.4

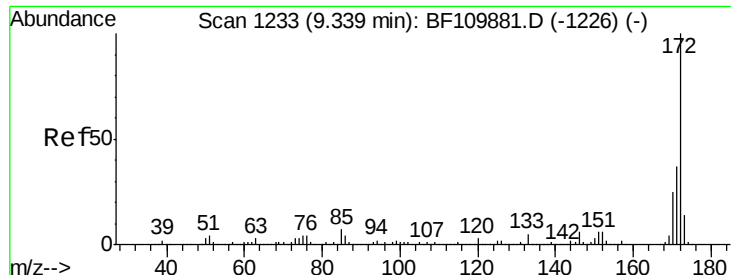


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

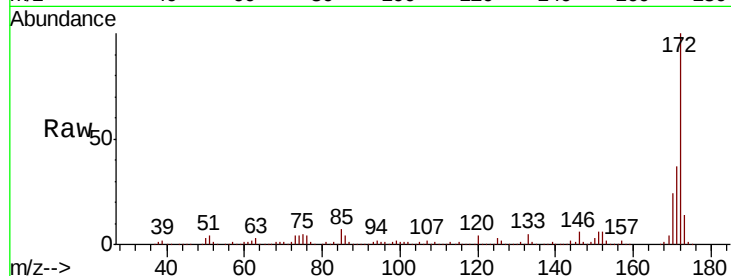




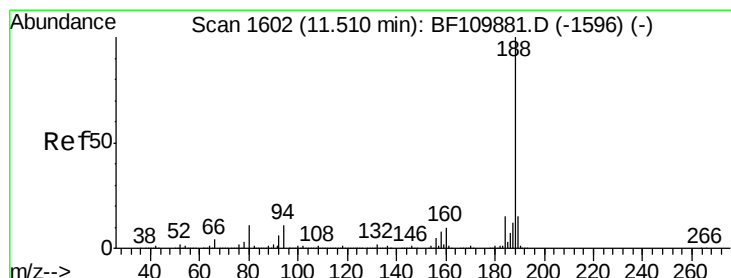
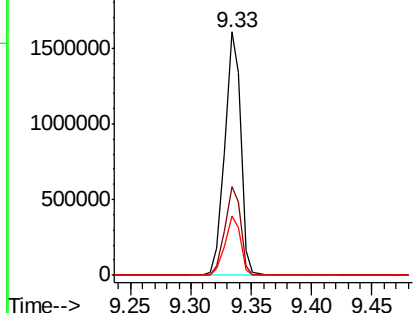
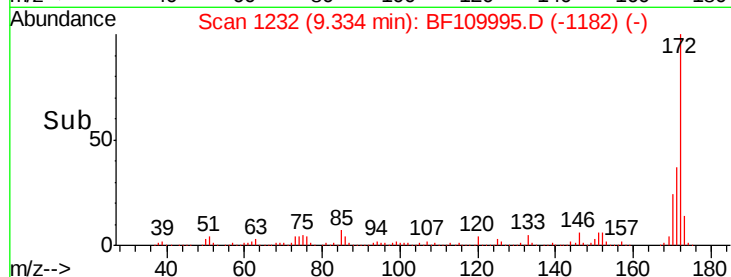
#45
2-Fluorobiphenyl
Concen: 106.480 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

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

Tot Ion:172 Resp: 1468735
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.4 19.7 29.5

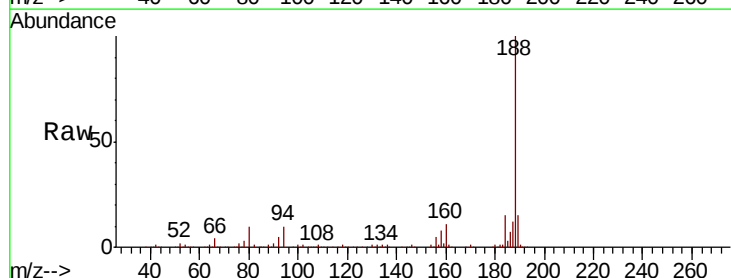


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

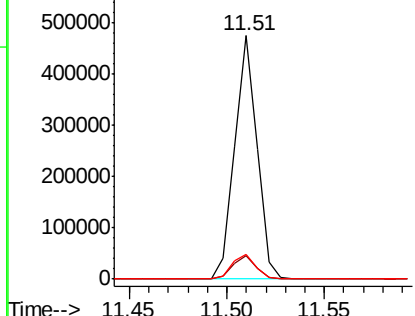
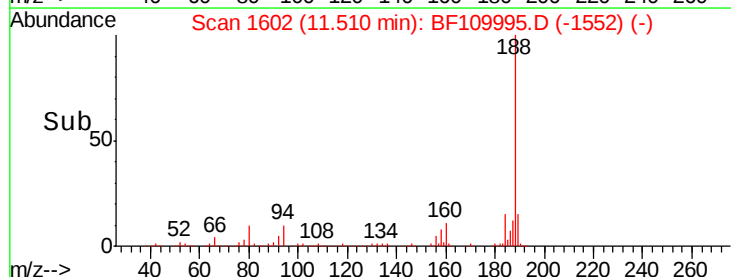


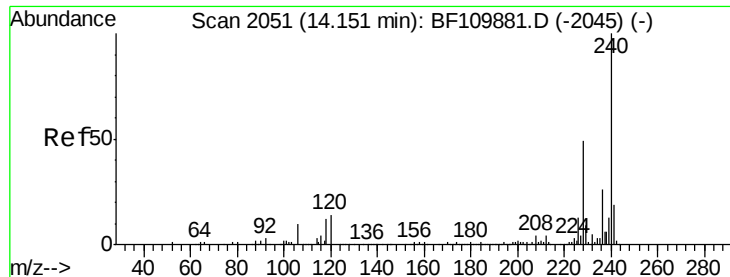
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

Tgt Ion:188 Resp: 377096
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.1 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

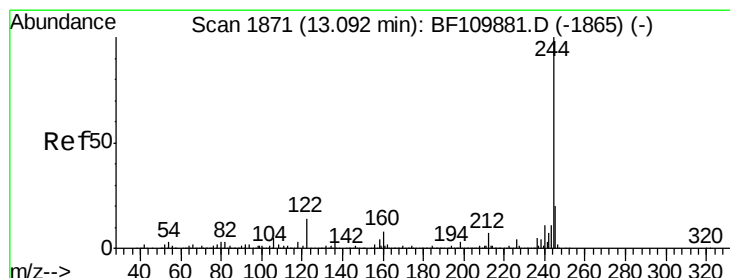
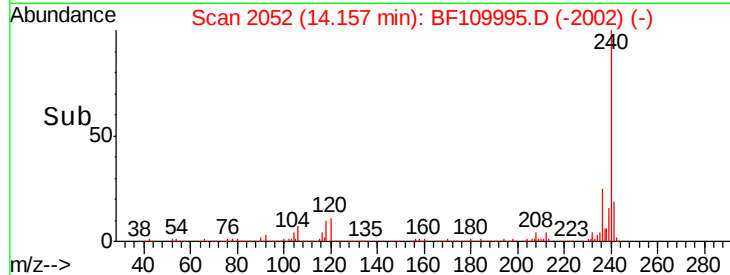
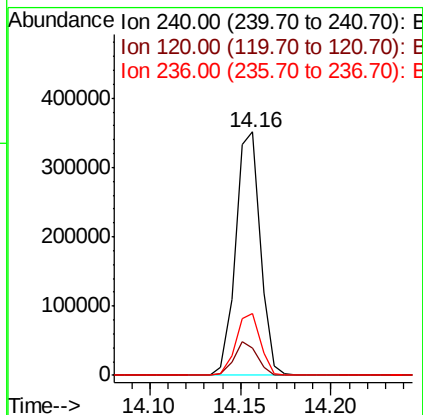
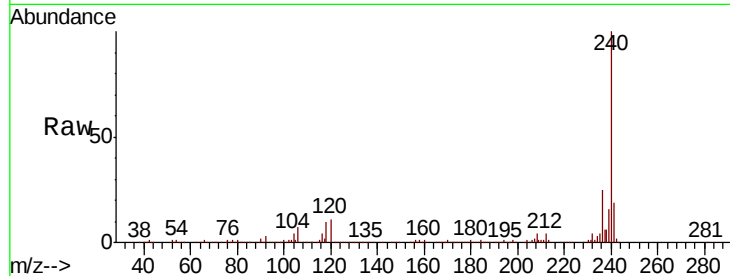




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109995.D
 Acq: 19 Oct 2018 8:22

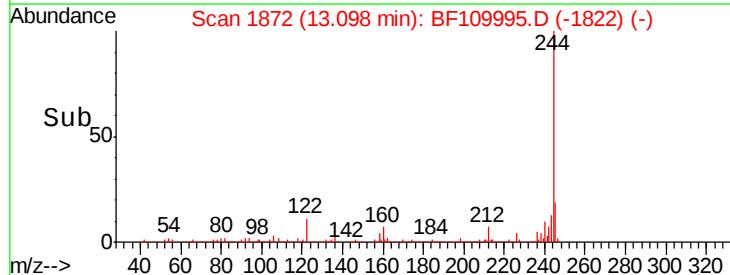
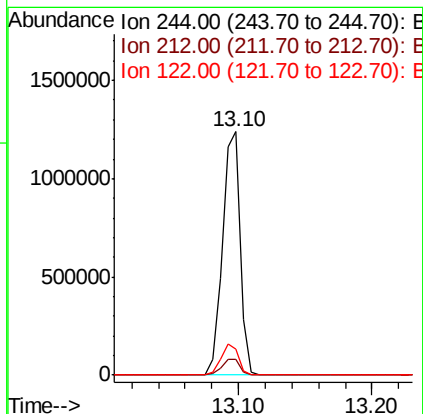
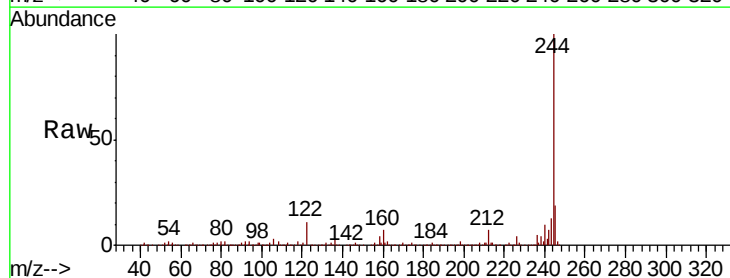
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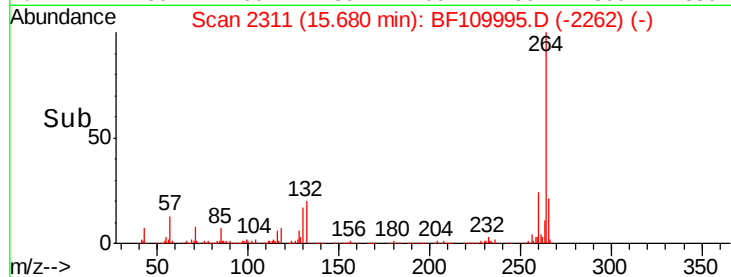
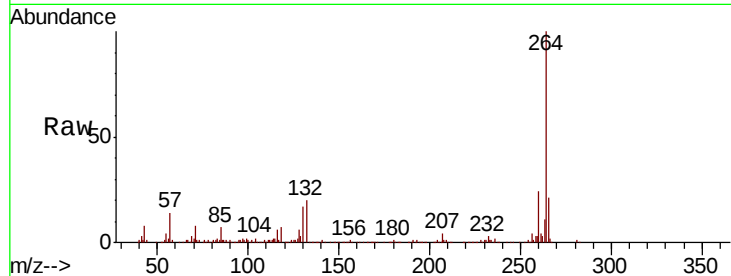
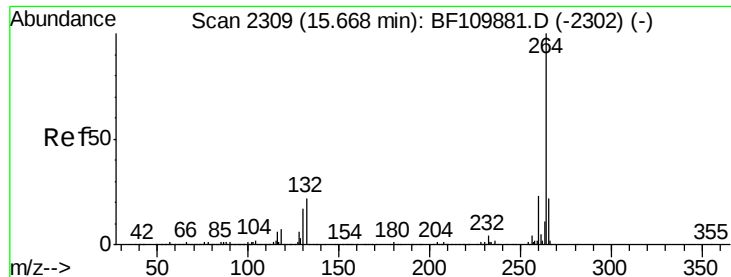
Tot Ion:240 Resp: 332116
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 25.2 21.2 31.8



#79
 Terphenyl-d14
 Concen: 73.184 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109995.D
 Acq: 19 Oct 2018 8:22

Tgt Ion:244 Resp: 1157447
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.6 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109995.D
Acq: 19 Oct 2018 8:22

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

Tot Ion:	264	Resp:	235019
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.8	16.7	25.1

