

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110015.D
 Acq On : 19 Oct 2018 20:57
 Operator : JU/SJ
 Sample : J5593-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-D-S

Quant Time: Oct 20 01:45:33 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	195245	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	821912	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	380434	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	710385	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	495416	20.00	ng	-0.02
87) Perylene-d12	15.66	264	360128	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	441310	35.83	ng	-0.01
7) Phenol-d6	6.58	99	335908	21.96	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1148392	94.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	297094	90.20	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	2018380	84.66	ng	-0.01
79) Terphenyl-d14	13.09	244	1905721	80.78	ng	-0.02

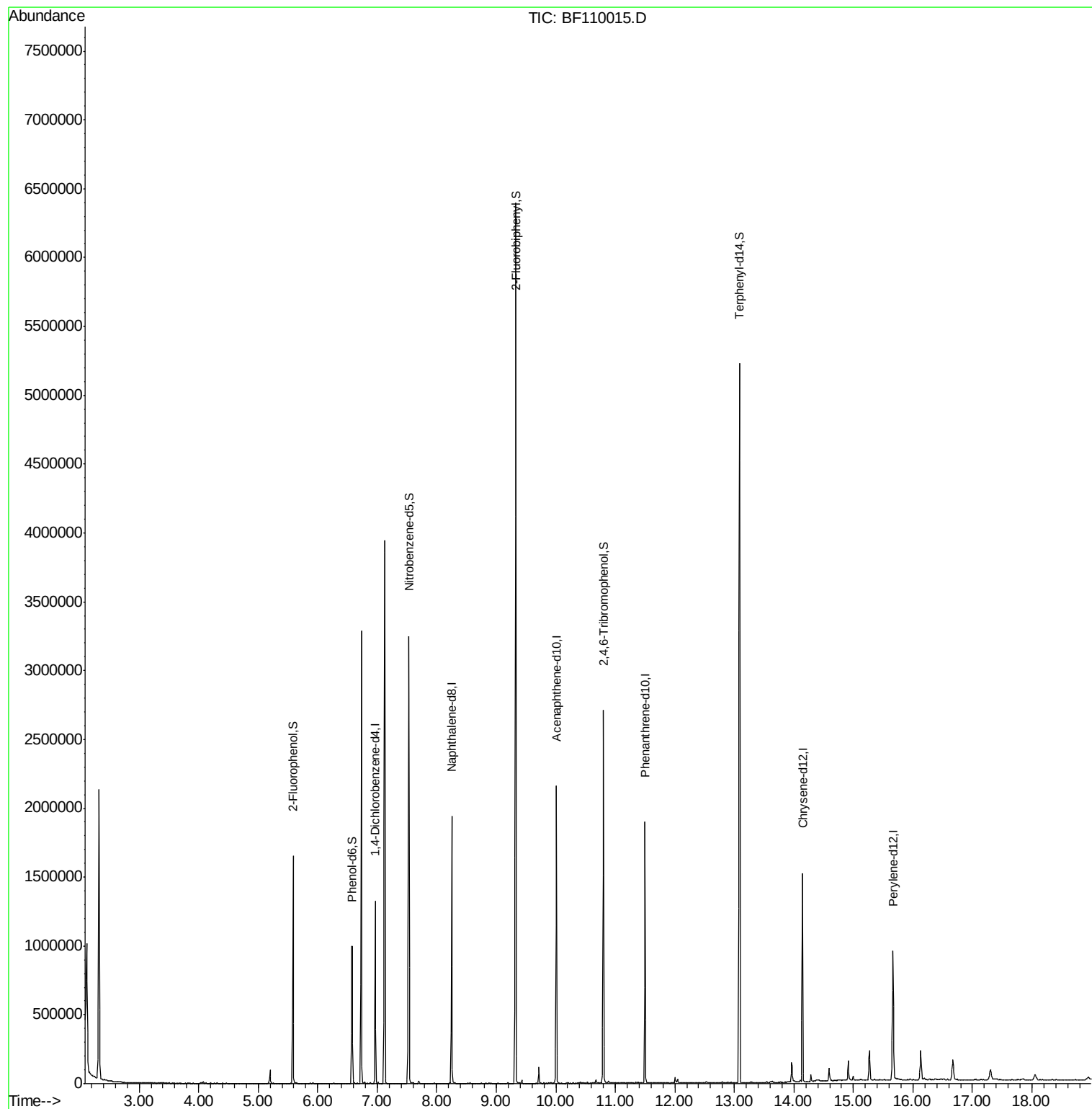
Target Compounds	Qvalue
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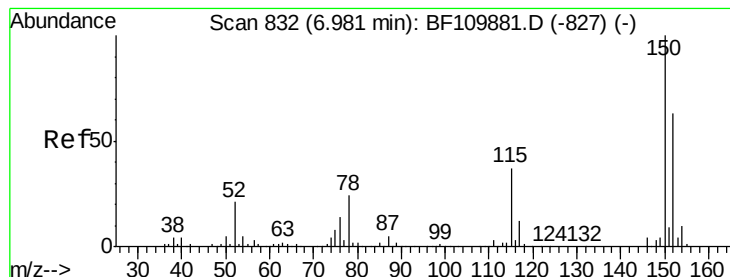
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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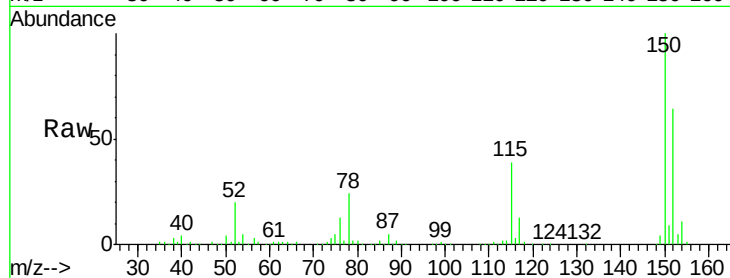


#1

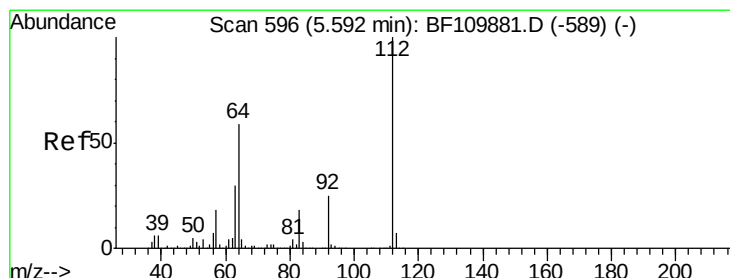
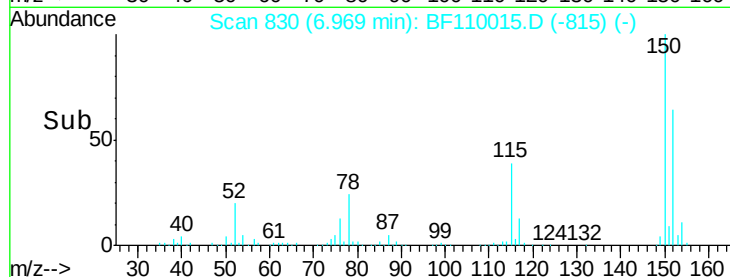
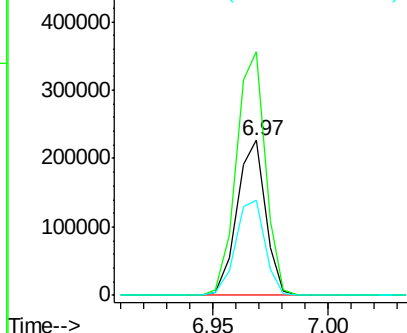
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110015.D
Acq: 19 Oct 2018 20:57

Instrument :
BNA_F
ClientSampleId :
101718-DBRI-E-D-S

Tgt Ion:152 Resp: 195245
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 61.2 49.1 73.7



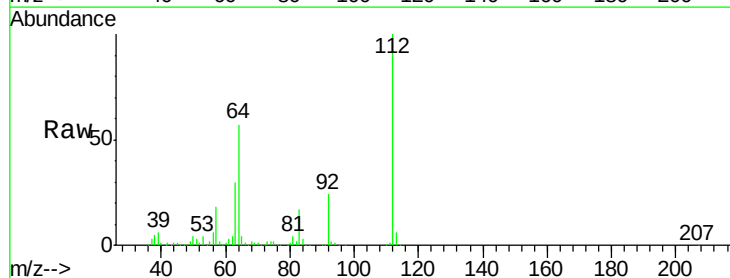
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



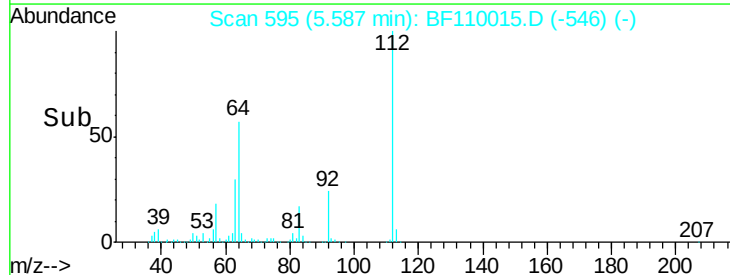
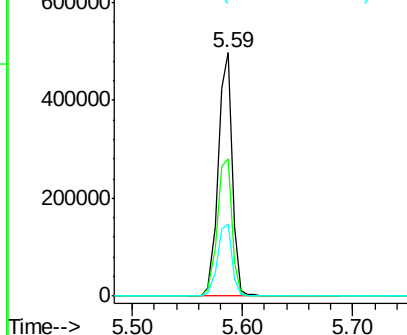
#5

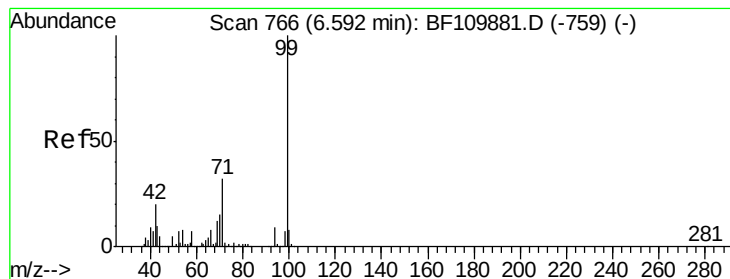
2-Fluorophenol
Concen: 35.829 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110015.D
Acq: 19 Oct 2018 20:57

Tgt Ion:112 Resp: 441310
Ion Ratio Lower Upper
112 100
64 56.6 44.1 66.1
63 29.5 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: 21.962 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-D-S

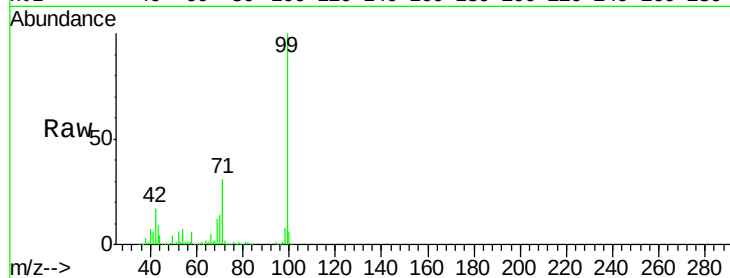
Tgt Ion: 99 Resp: 335908

Ion Ratio Lower Upper

99 100

42 16.7 15.8 23.6

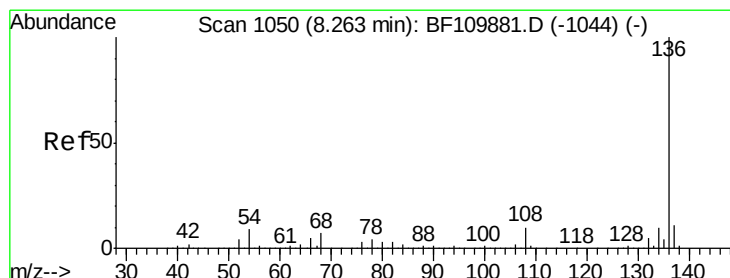
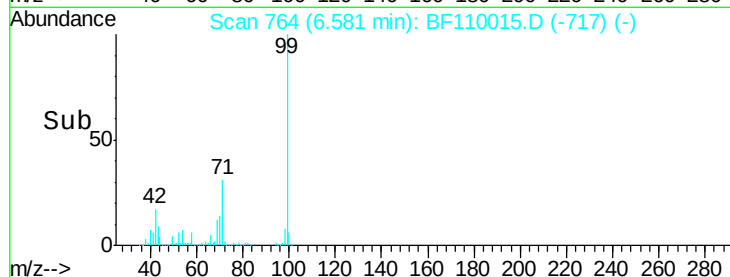
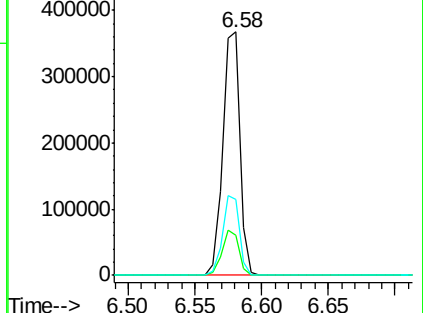
71 31.1 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

Tgt Ion: 136 Resp: 821912

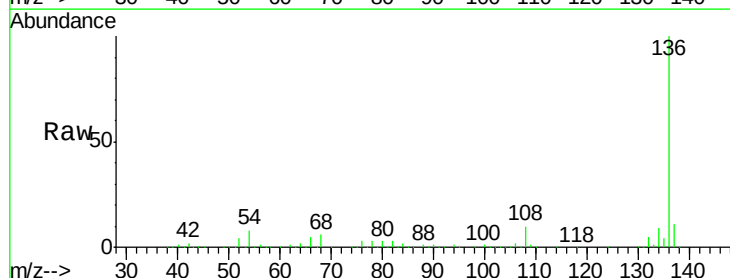
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.4 5.4 8.2#

68 5.8 4.2 6.2

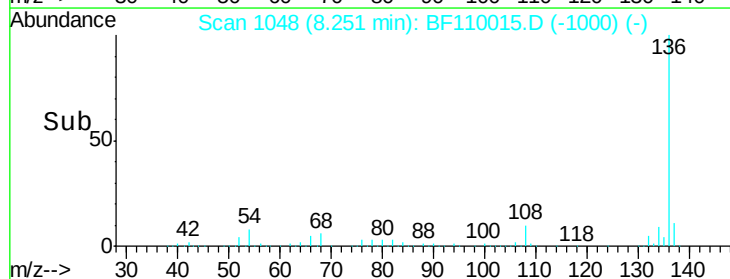
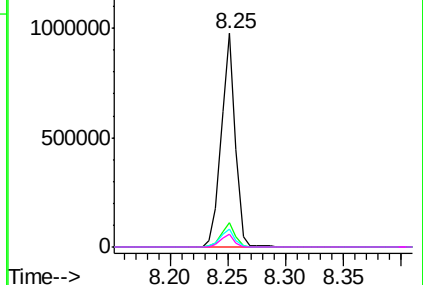


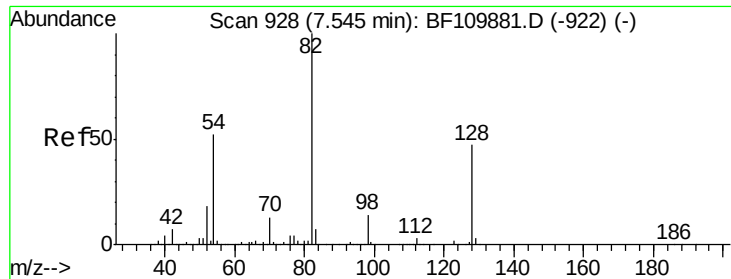
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.122 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-D-S

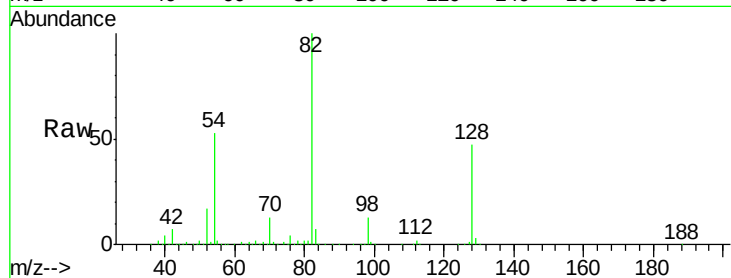
Tgt Ion: 82 Resp: 1148392

Ion Ratio Lower Upper

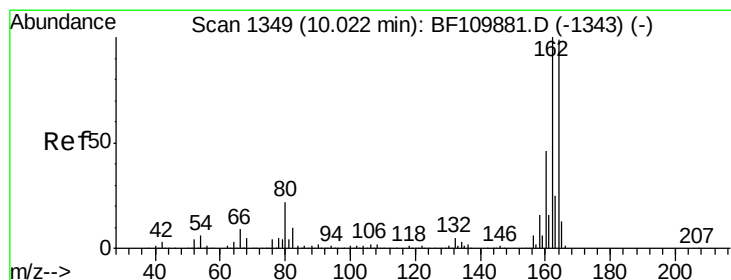
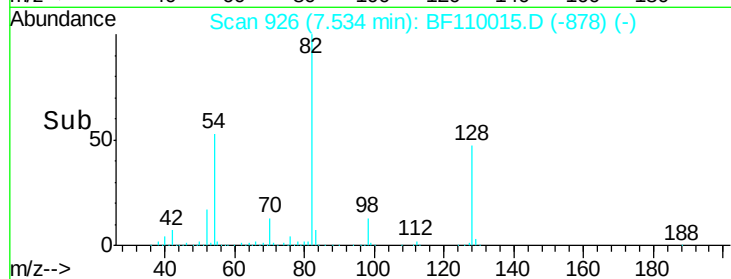
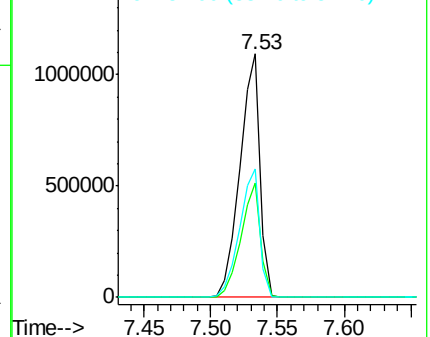
82 100

128 47.2 34.2 51.2

54 52.8 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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

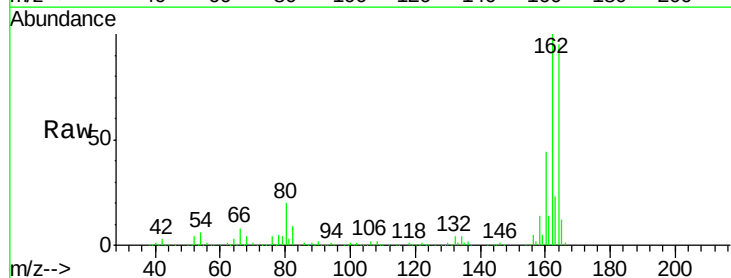
Tgt Ion: 164 Resp: 380434

Ion Ratio Lower Upper

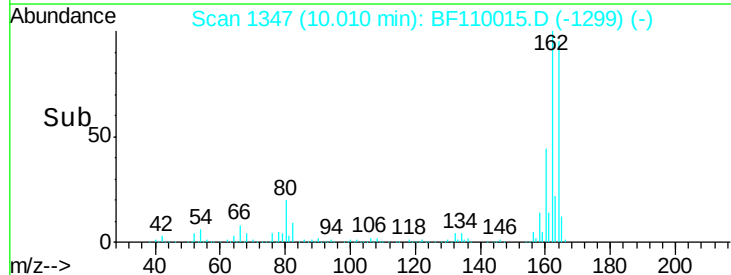
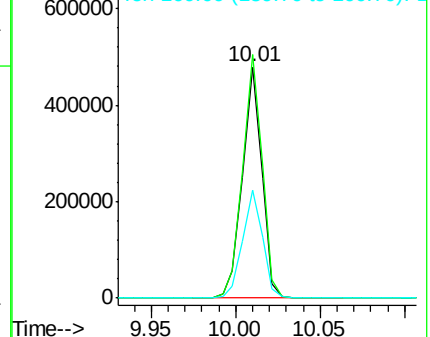
164 100

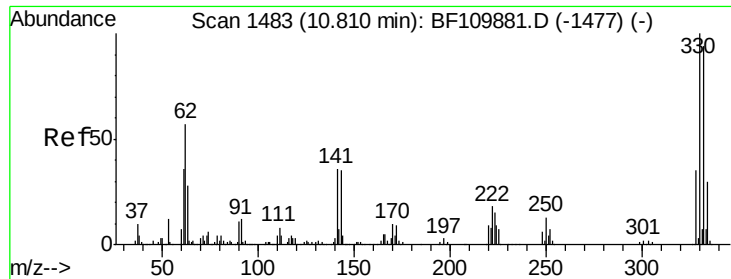
162 105.2 83.0 124.6

160 46.5 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 90.201 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-D-S

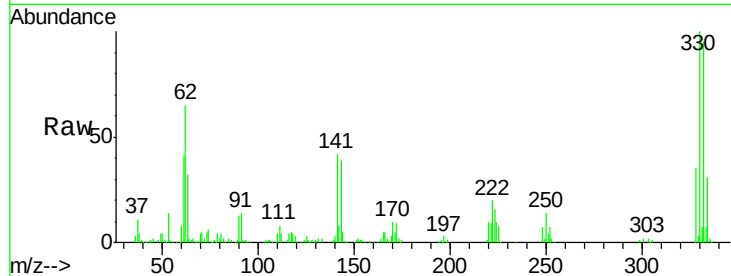
Tgt Ion:330 Resp: 297094

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

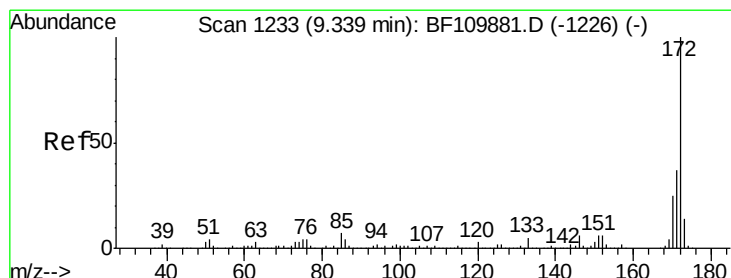
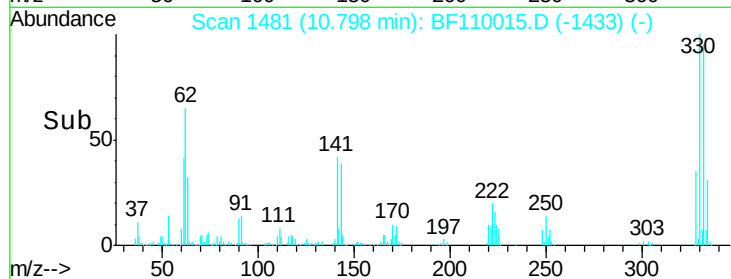
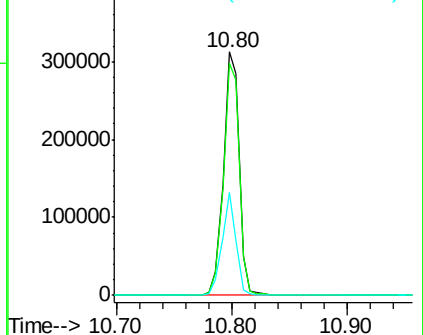
141 37.2 27.0 40.4



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: 84.657 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

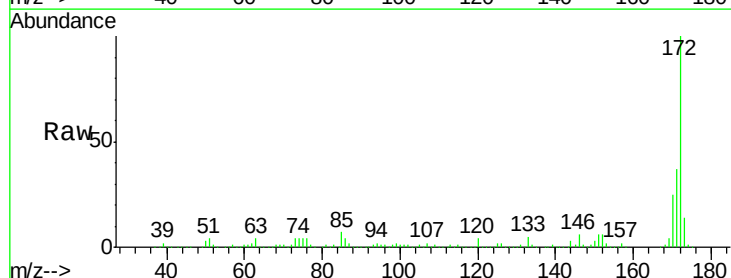
Tgt Ion:172 Resp: 2018380

Ion Ratio Lower Upper

172 100

171 36.9 28.6 43.0

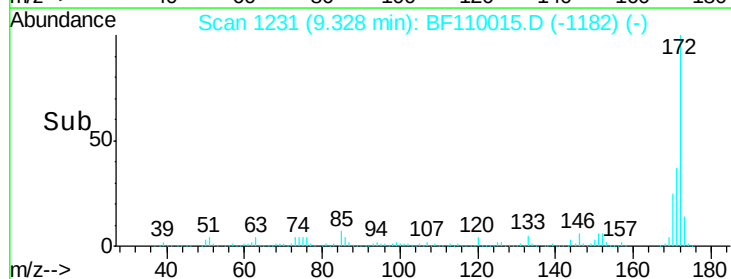
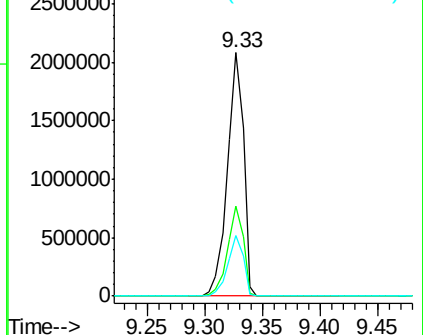
170 24.9 19.7 29.5

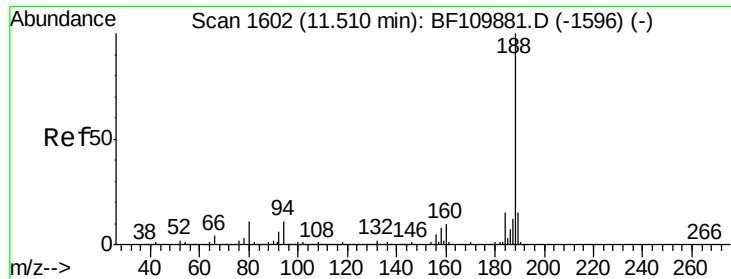


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

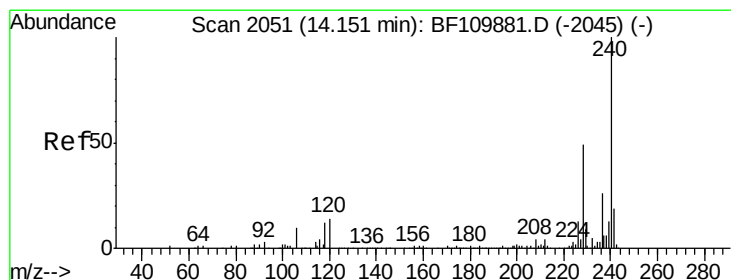
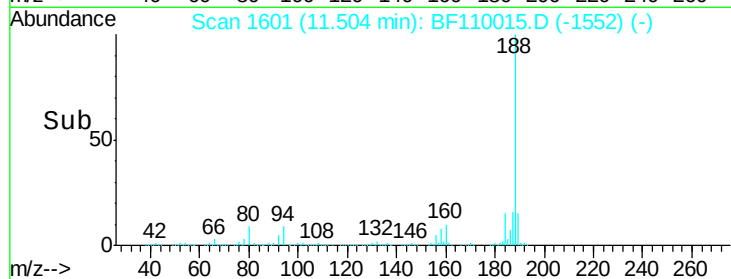
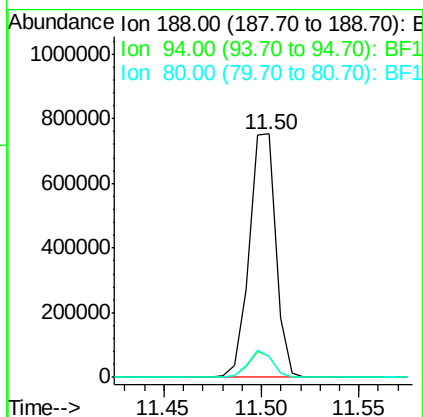
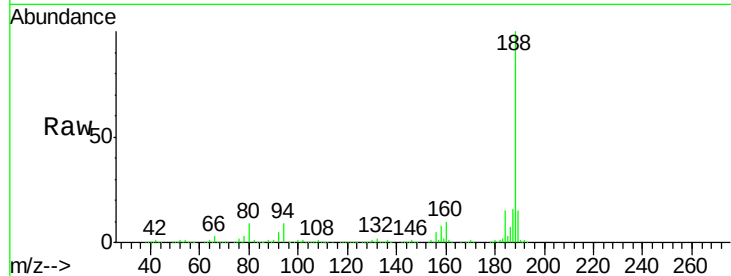




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110015.D
Acq: 19 Oct 2018 20:57

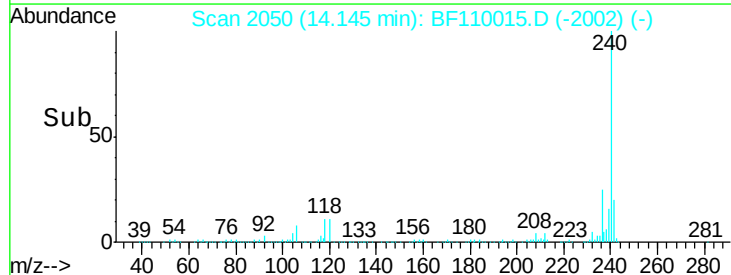
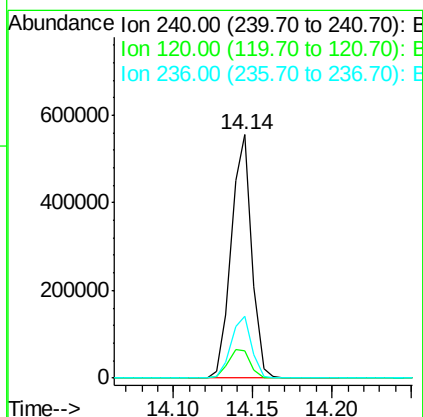
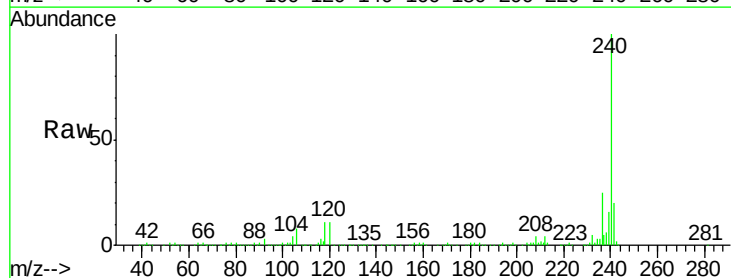
Instrument :
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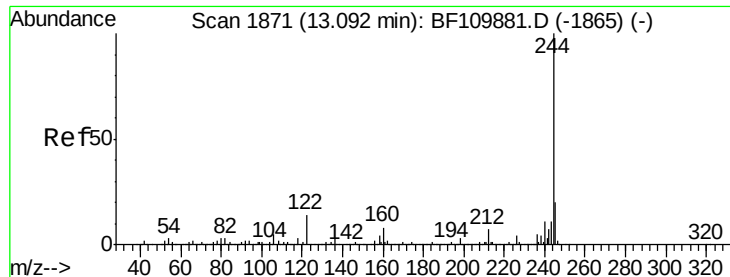
Tgt Ion:	188	Resp:	710385
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	8.8	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110015.D
Acq: 19 Oct 2018 20:57

Tgt Ion:	240	Resp:	495416
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.4	21.2	31.8





#79

Terphenyl-d14

Concen: 80.778 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-D-S

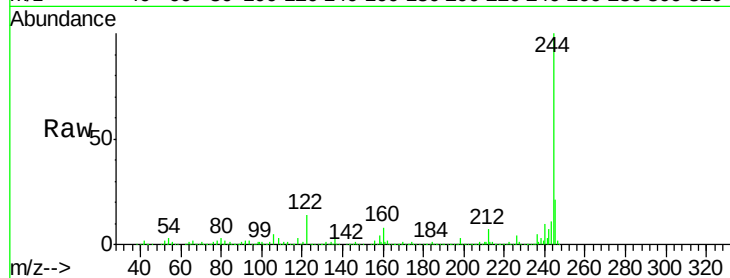
Tgt Ion:244 Resp: 1905721

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

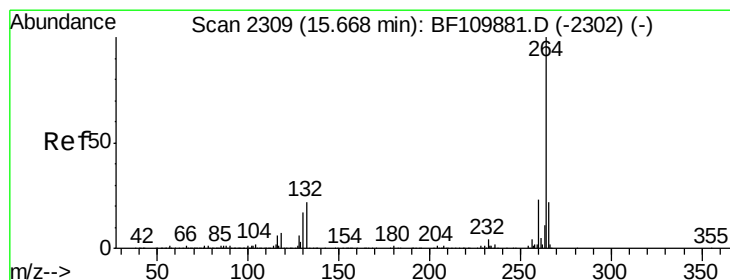
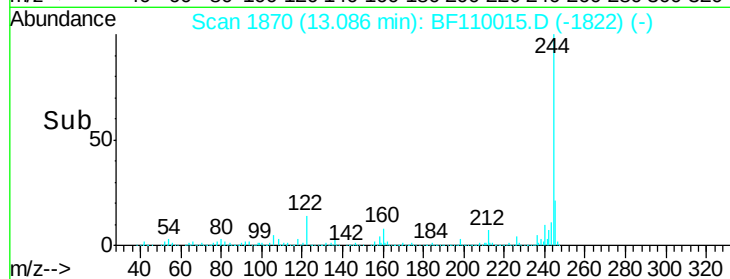
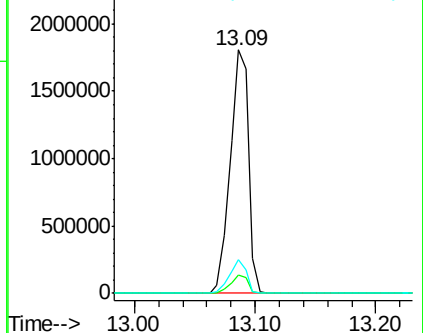
122 13.9 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF110015.D

Acq: 19 Oct 2018 20:57

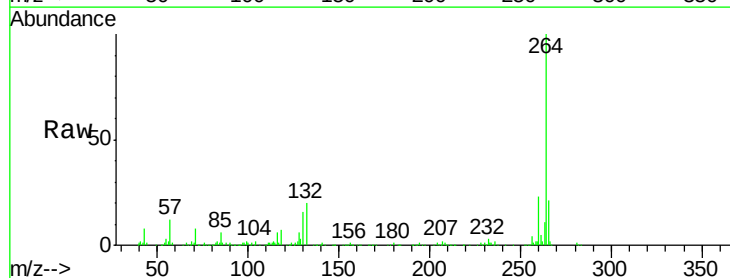
Tgt Ion:264 Resp: 360128

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 21.0 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

