

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110241.D
 Acq On : 27 Oct 2018 5:33
 Operator : JU/SJ
 Sample : J5686-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-D-M

Quant Time: Oct 27 06:41:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118165	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	436419	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	170728	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	264640	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	193805	20.00	ng	-0.01
87) Perylene-d12	15.67	264	127878	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	309323	42.63	ng	-0.01
7) Phenol-d6	6.58	99	246751	26.59	ng	-0.02
23) Nitrobenzene-d5	7.53	82	704386	95.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	120870	71.47	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1170659	107.67	ng	-0.01
79) Terphenyl-d14	13.09	244	891701	95.69	ng	-0.02

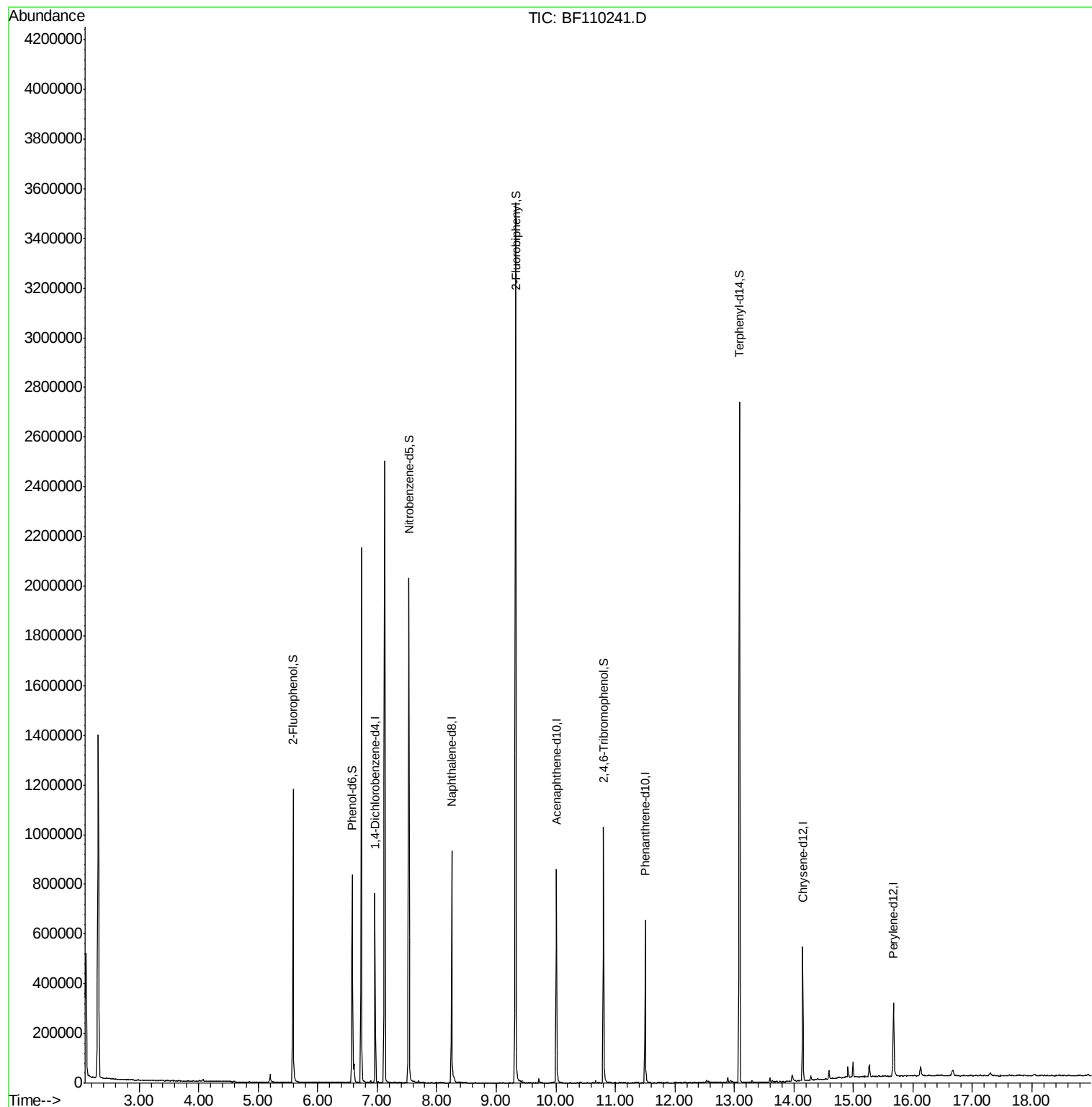
Target Compounds Qvalue

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

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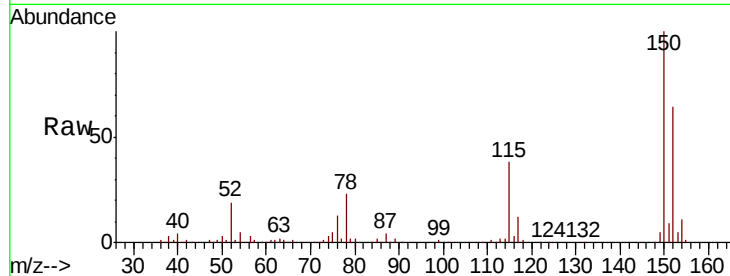


#1

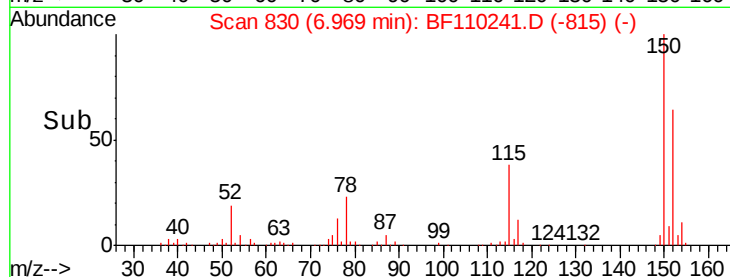
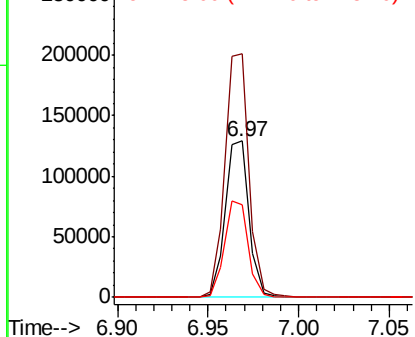
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-D-M

Tot Ion:152 Resp: 118165
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 58.9 49.1 73.7



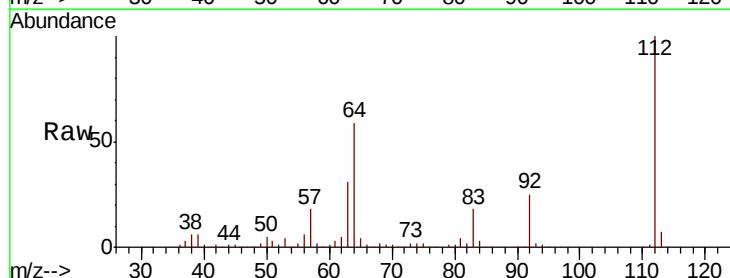
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



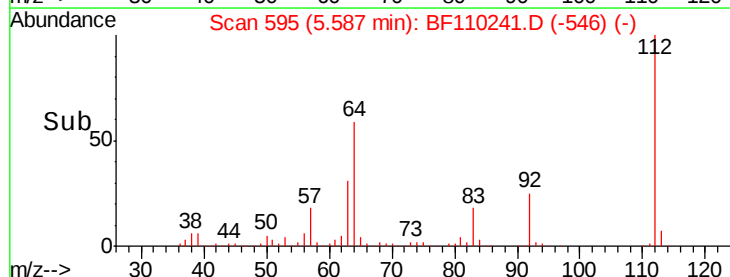
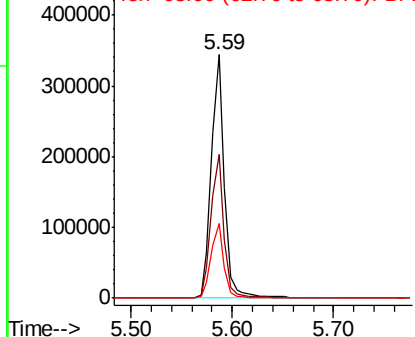
#5

2-Fluorophenol
Concen: 42.628 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Tgt Ion:112 Resp: 309323
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
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: 26.586 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110241.D

Acq: 27 Oct 2018 5:33

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-M

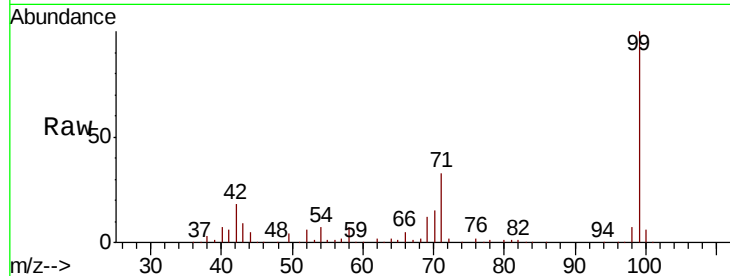
Tot Ion: 99 Resp: 246751

Ion Ratio Lower Upper

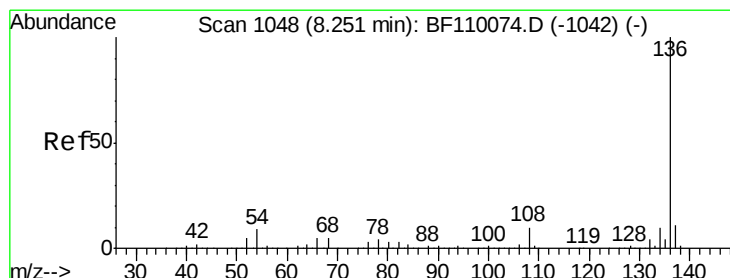
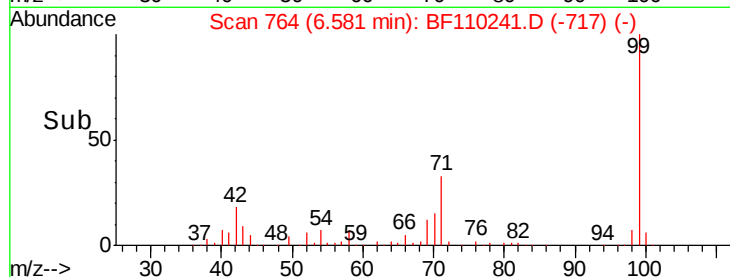
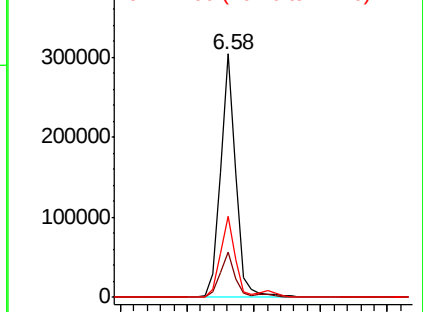
99 100

42 18.4 15.8 23.6

71 33.3 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: BF110241.D

Acq: 27 Oct 2018 5:33

Tgt Ion: 136 Resp: 436419

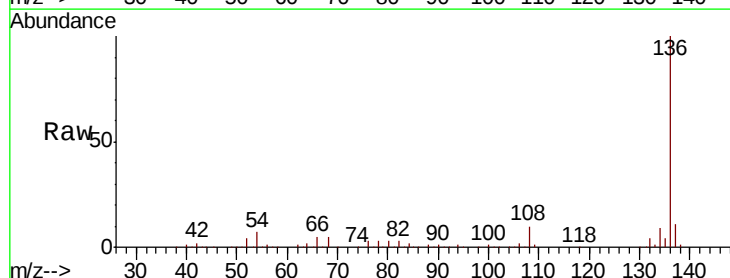
Ion Ratio Lower Upper

136 100

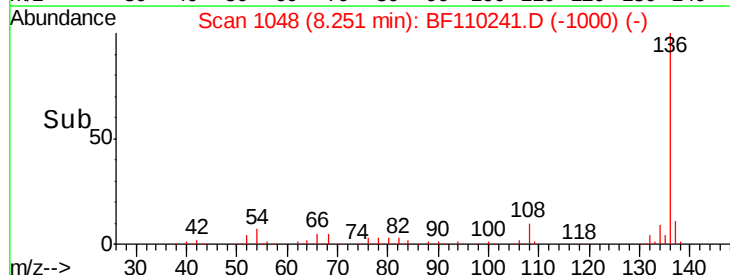
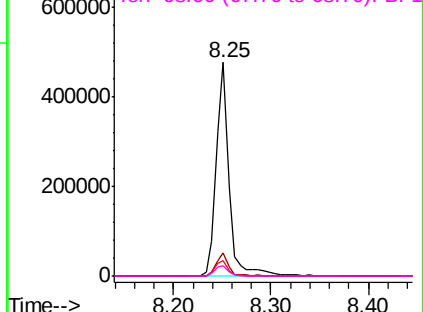
137 10.7 8.8 13.2

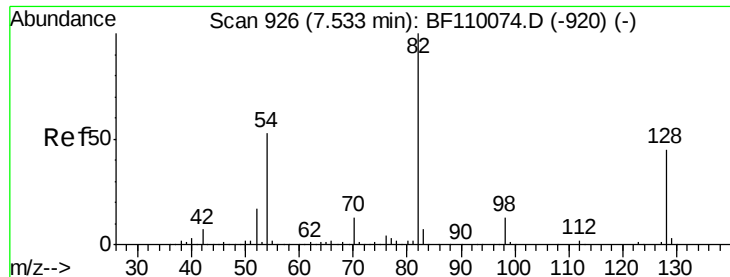
54 7.4 5.4 8.2

68 5.1 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

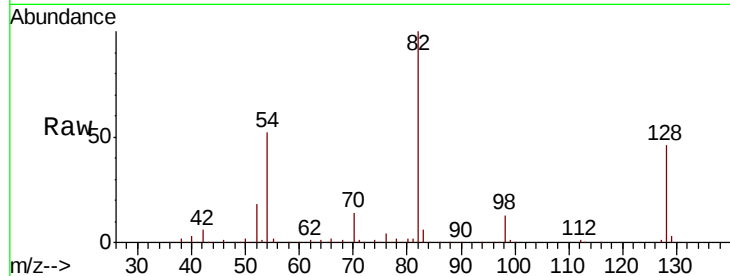




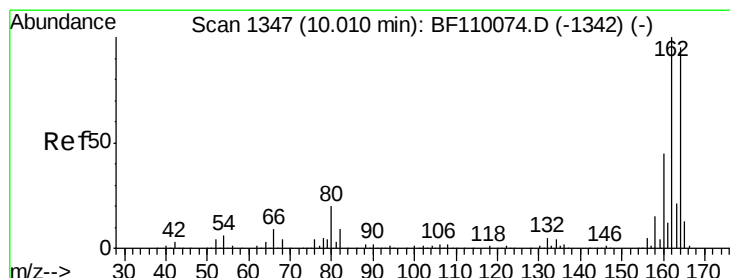
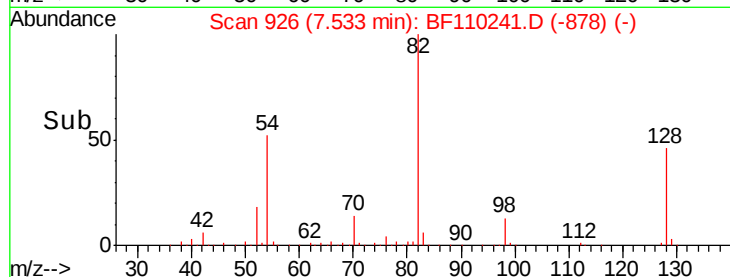
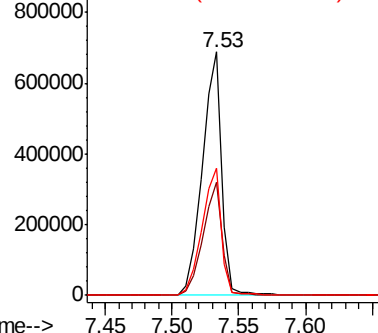
#23
Nitrobenzene-d5
Concen: 95.732 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-D-M

Tot Ion: 82 Resp: 704386
Ion Ratio Lower Upper
82 100
128 46.3 34.2 51.2
54 52.3 38.6 58.0

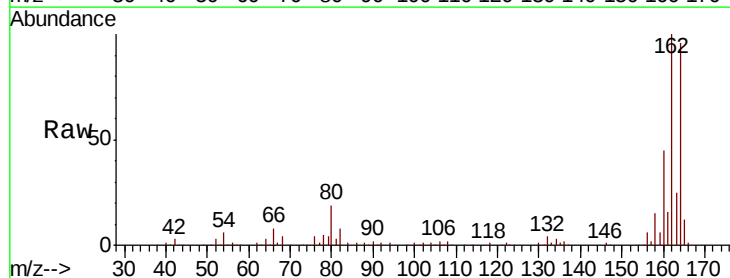


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

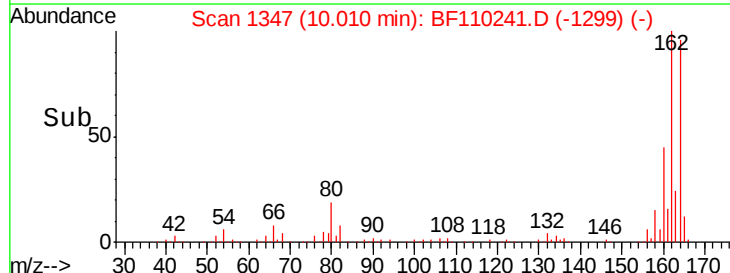
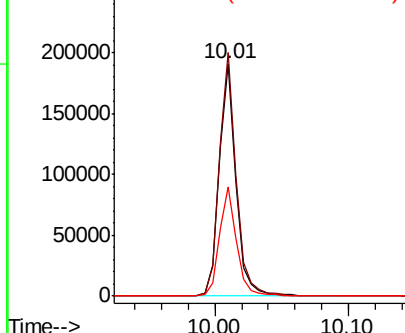


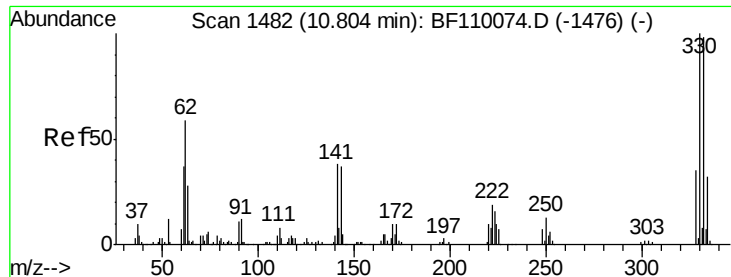
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Tgt Ion:164 Resp: 170728
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 46.8 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

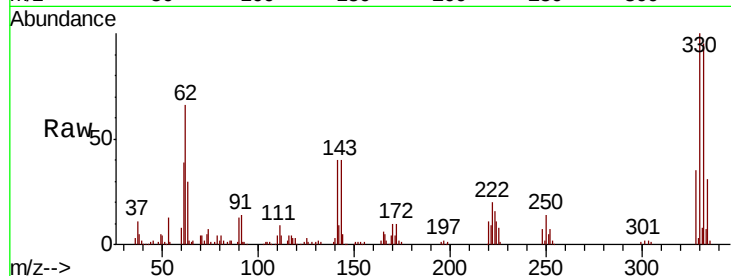




#42
 2,4,6-Tribromophenol
 Concen: 71.471 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.0	27.0	40.4

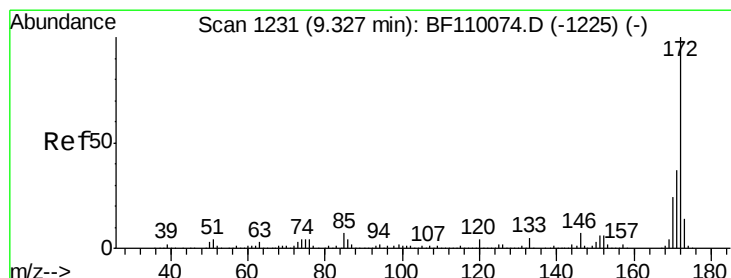
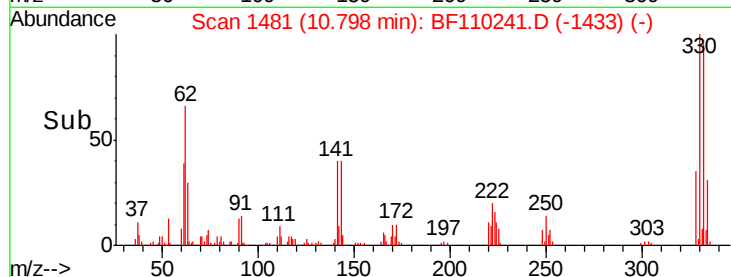
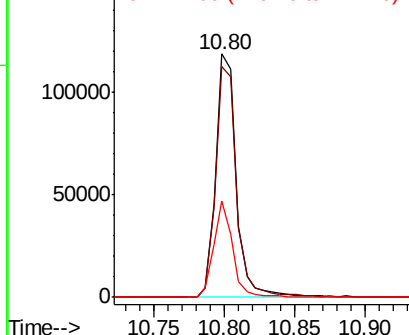


Abundance

Ion 329.80 (329.50 to 330.50): E

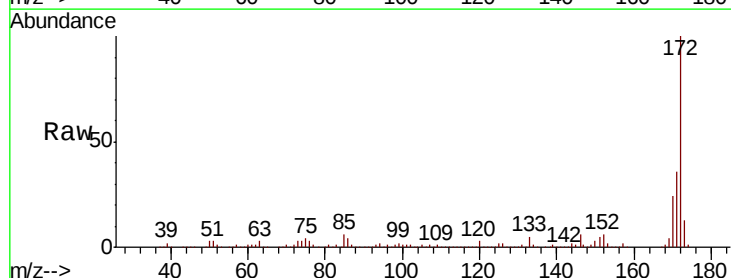
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 107.671 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110241.D
 Acq: 27 Oct 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.9	19.7	29.5

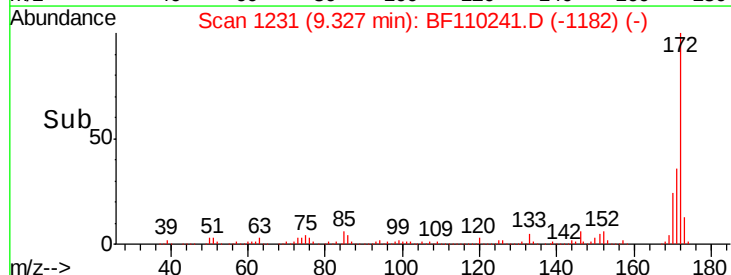
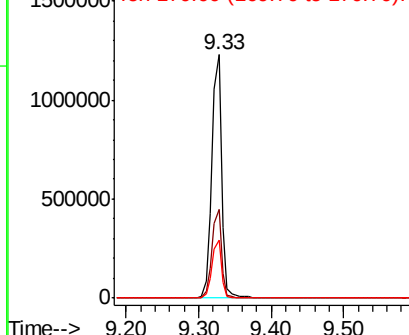


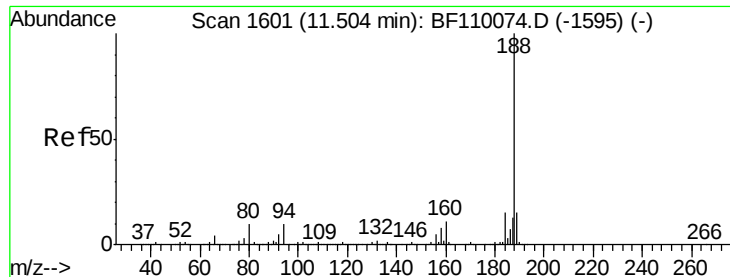
Abundance

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

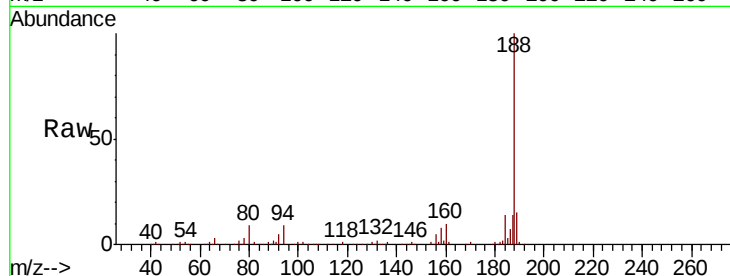




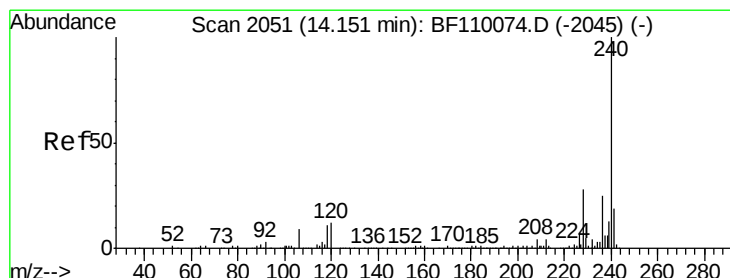
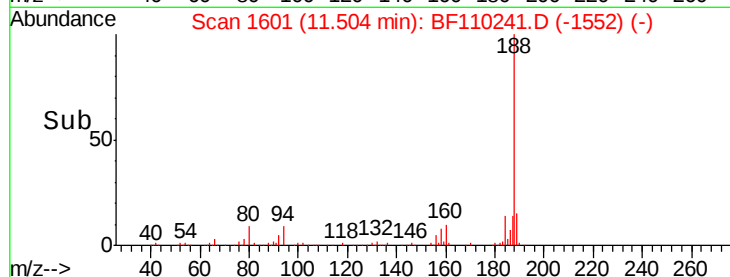
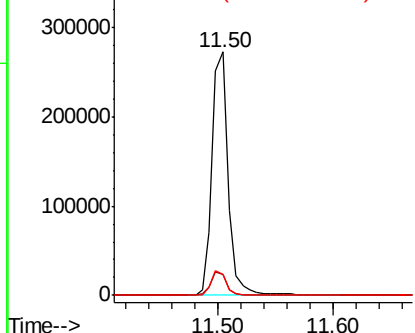
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-D-M

Tot Ion:188 Resp: 264640
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.8 7.9 11.9

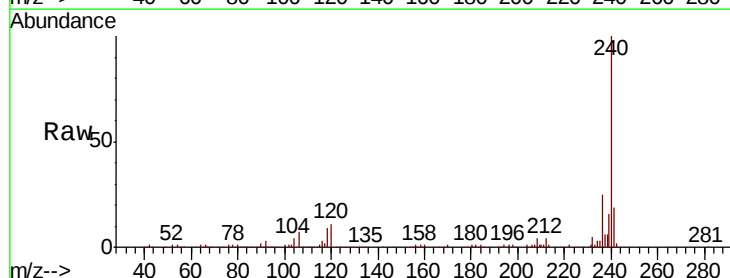


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

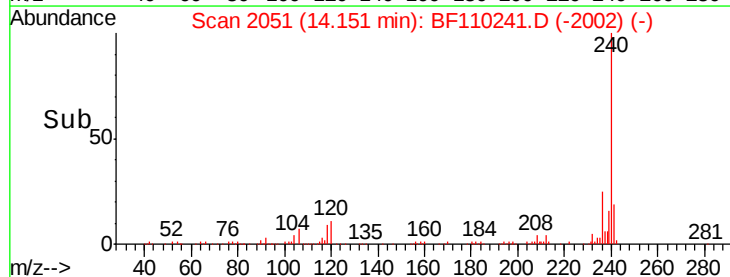
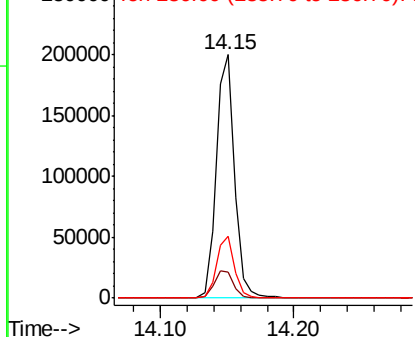


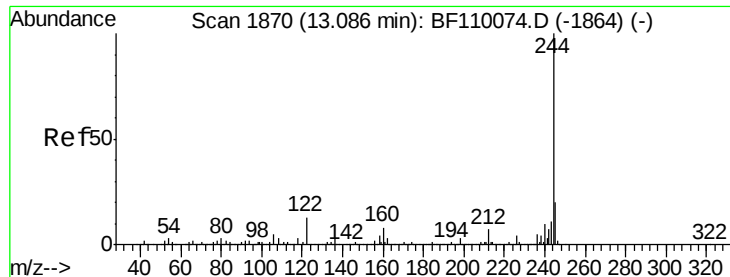
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110241.D
Acq: 27 Oct 2018 5:33

Tgt Ion:240 Resp: 193805
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.2 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





#79

Terphenyl-d14

Concen: 95.688 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110241.D

Acq: 27 Oct 2018 5:33

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-M

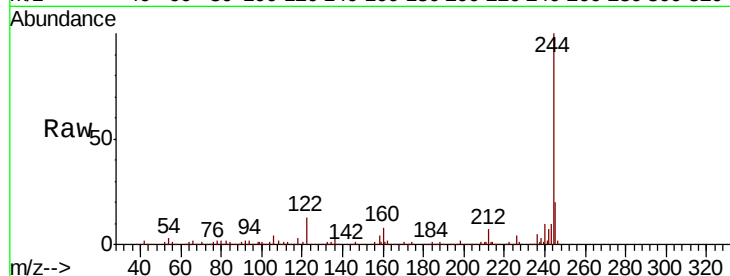
Tot Ion:244 Resp: 891701

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

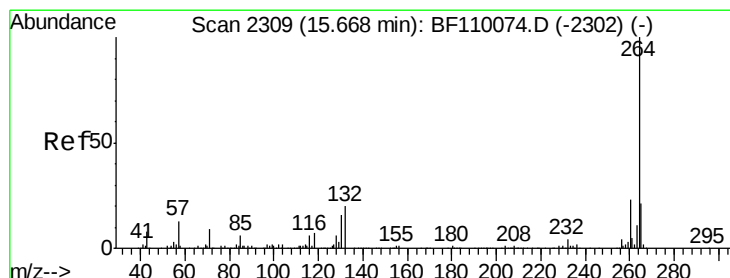
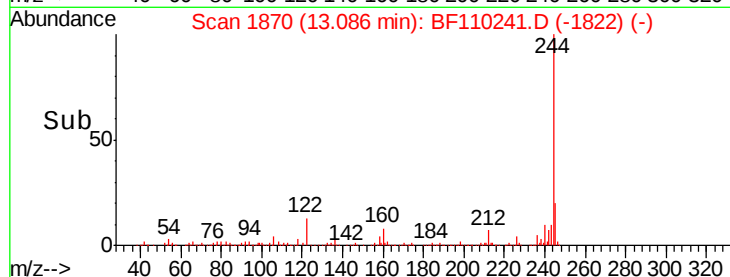
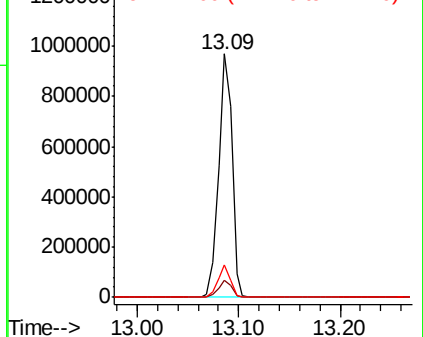
122 13.5 8.7 13.1#



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110241.D

Acq: 27 Oct 2018 5:33

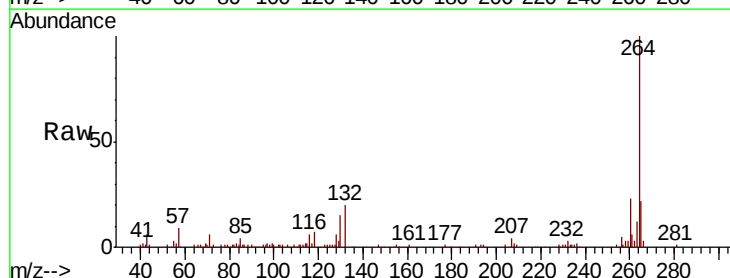
Tgt Ion:264 Resp: 127878

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.0 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

