

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110244.D
 Acq On : 27 Oct 2018 6:55
 Operator : JU/SJ
 Sample : J5686-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-U-B

Quant Time: Oct 29 02:46:51 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	6.96	152	111856	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	413756	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	162900	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	256263	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	188591	20.00	ng	-0.01
87) Perylene-d12	15.67	264	125149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	322395	46.94	ng	-0.01
7) Phenol-d6	6.58	99	271144	30.86	ng	-0.02
23) Nitrobenzene-d5	7.53	82	712453	102.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	128665	79.74	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1178528	113.60	ng	-0.01
79) Terphenyl-d14	13.09	244	938677	103.51	ng	-0.02

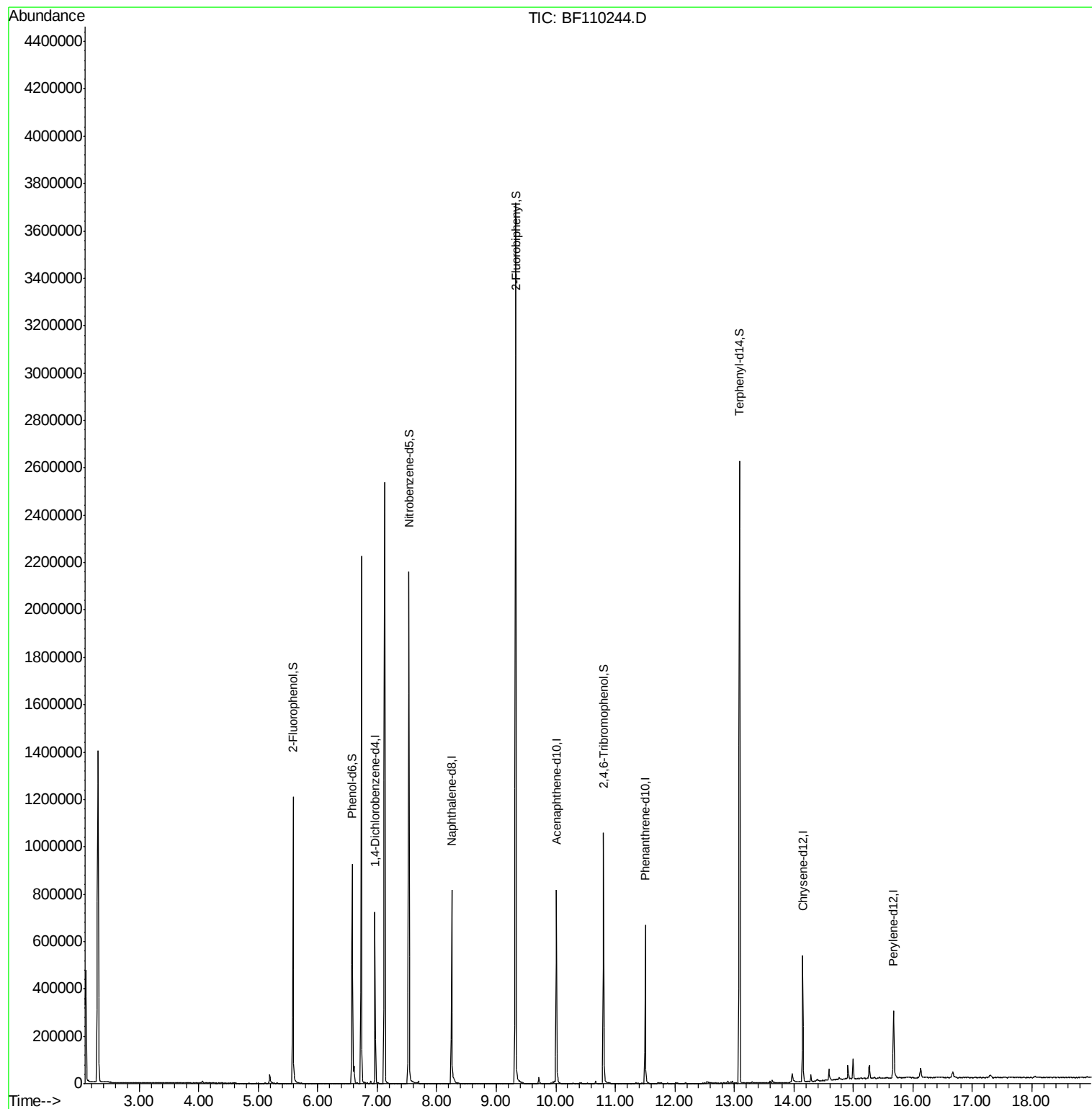
Target Compounds Qvalue

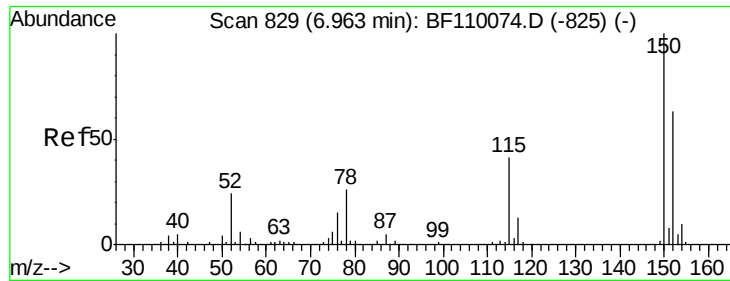
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-U-B

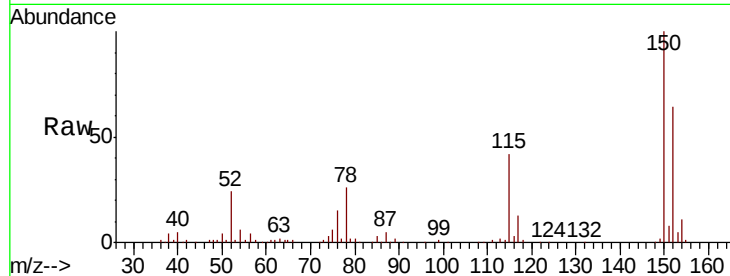
Tot Ion:152 Resp: 111856

Ion Ratio Lower Upper

152 100

150 155.3 122.7 184.1

115 64.7 49.1 73.7

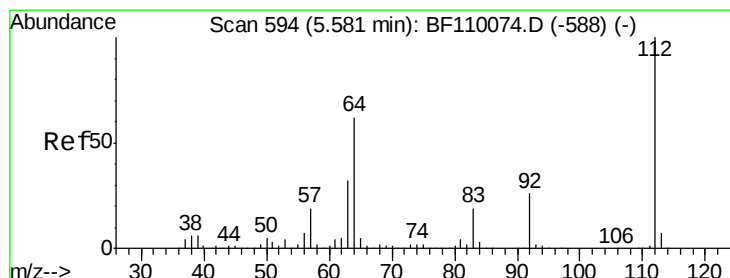
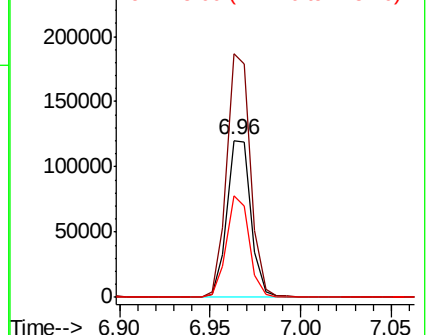
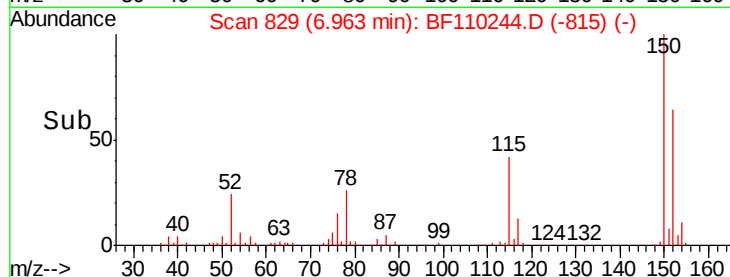


Abundance

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: 46.936 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

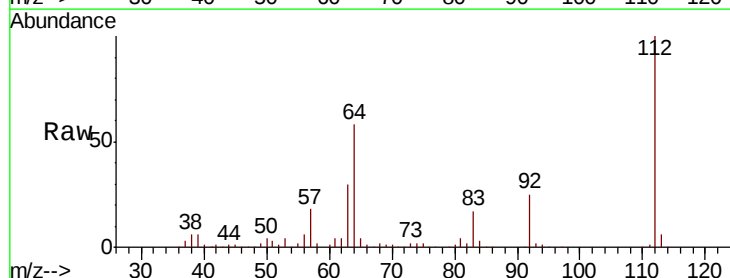
Tgt Ion:112 Resp: 322395

Ion Ratio Lower Upper

112 100

64 58.0 44.1 66.1

63 30.2 23.7 35.5

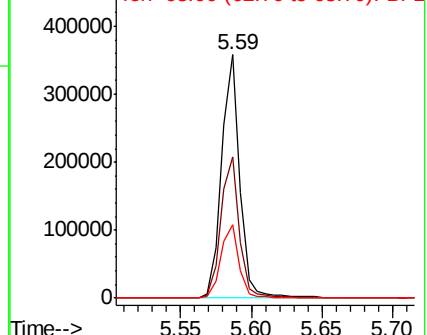
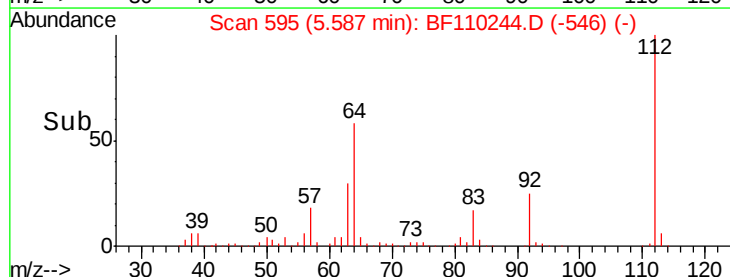


Abundance

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: 30.862 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-U-B

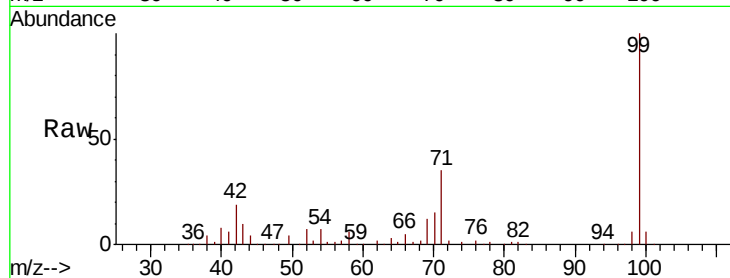
Tot Ion: 99 Resp: 271144

Ion Ratio Lower Upper

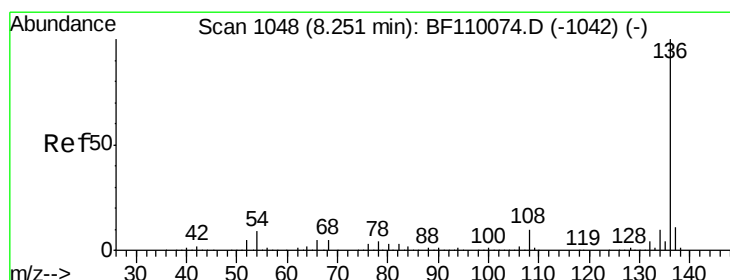
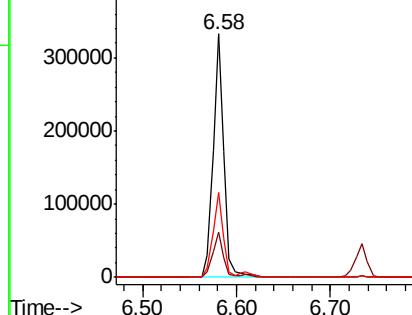
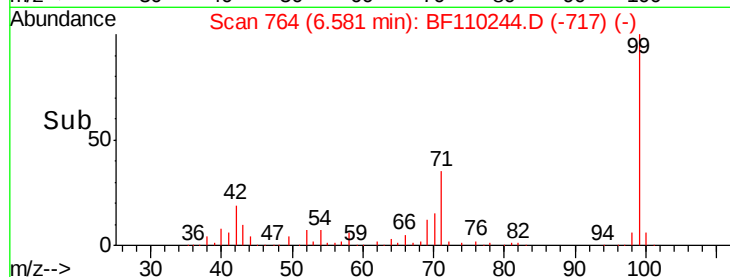
99 100

42 18.8 15.8 23.6

71 34.6 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: BF110244.D

Acq: 27 Oct 2018 6:55

Tgt Ion: 136 Resp: 413756

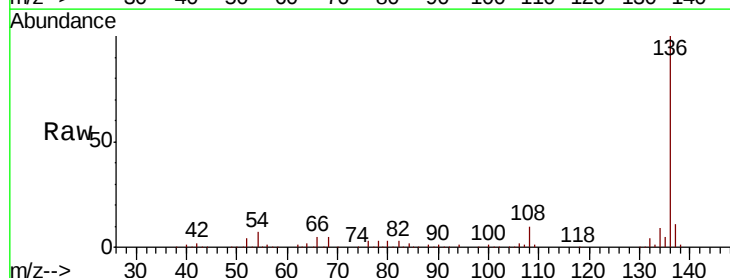
Ion Ratio Lower Upper

136 100

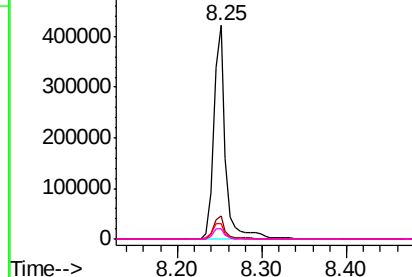
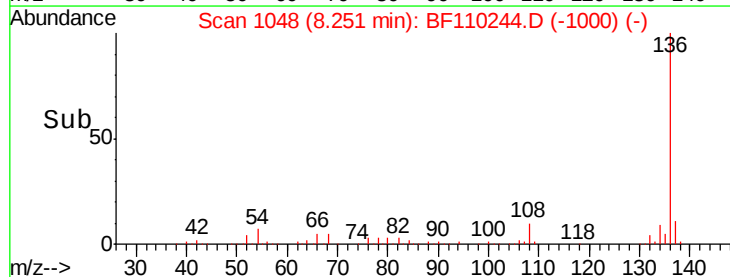
137 10.7 8.8 13.2

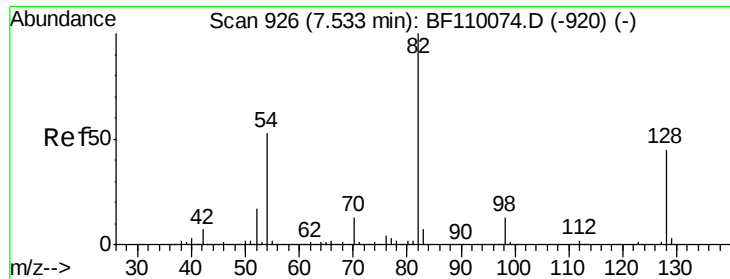
54 7.0 5.4 8.2

68 4.9 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

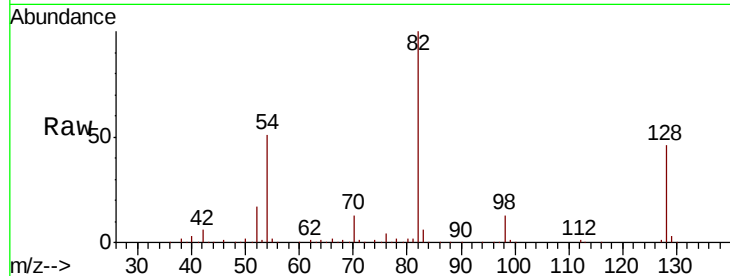




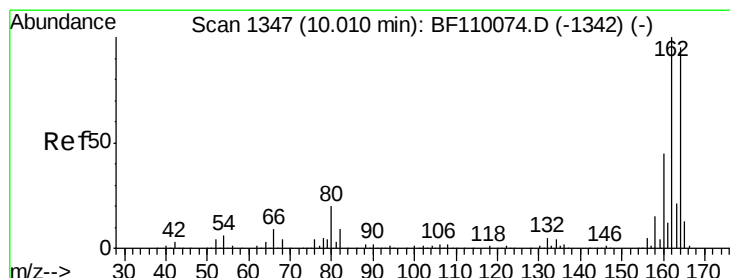
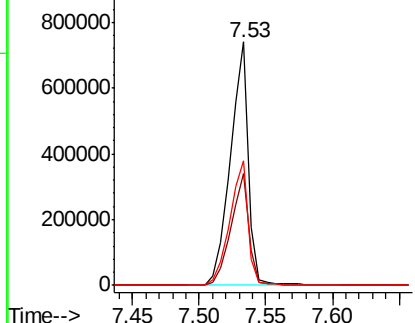
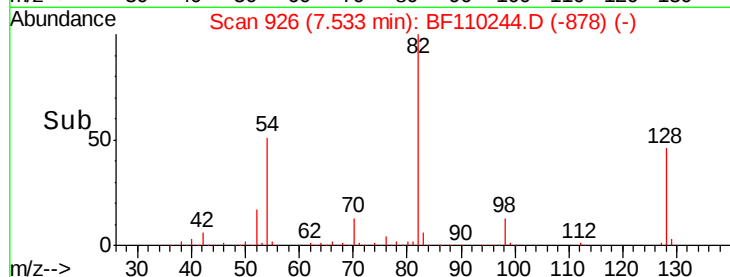
#23
 Nitrobenzene-d5
 Concen: 102.132 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

Instrument :
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 ClientSampleId :
 102418-DBRI-F-U-B

Tot Ion	82	Resp	712453
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.2	51.2
54	51.0	38.6	58.0

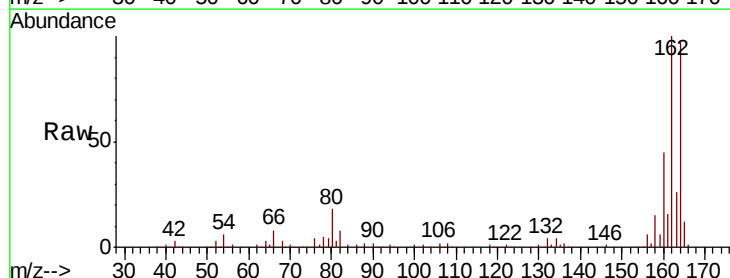


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

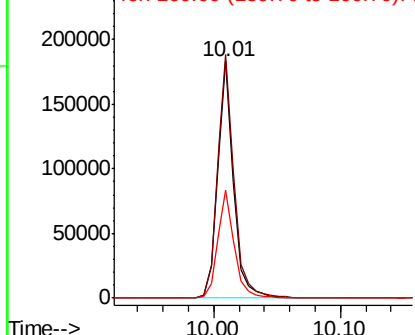
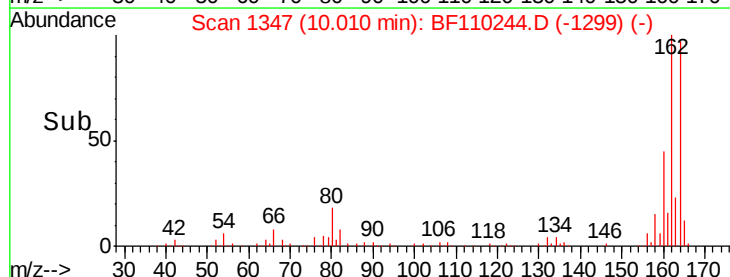


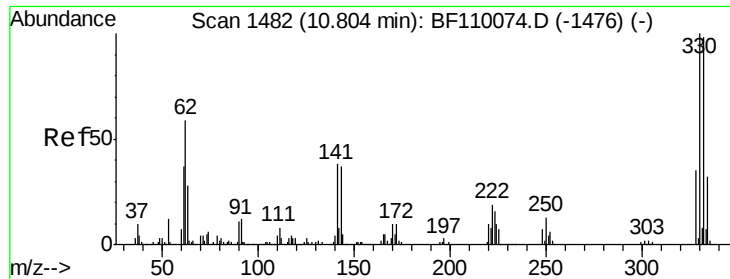
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

Tgt Ion	164	Resp	162900
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.0	124.6
160	45.8	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

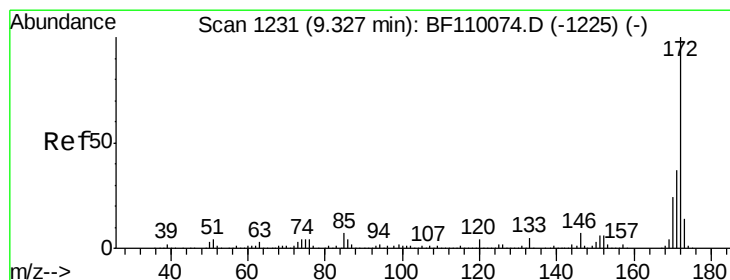
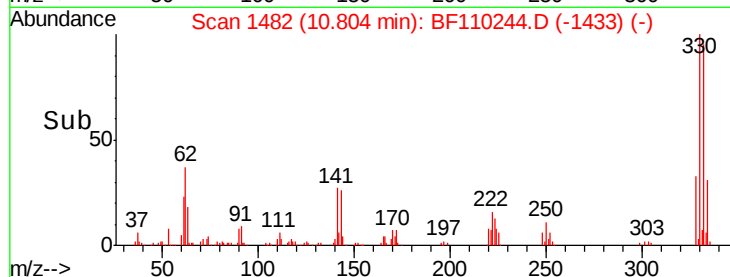
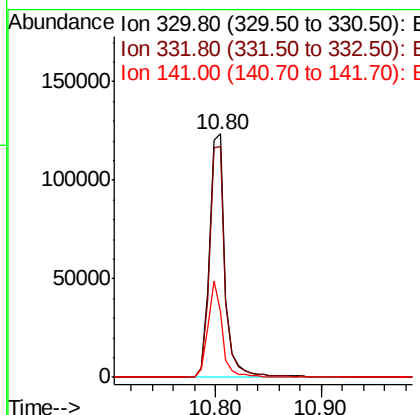
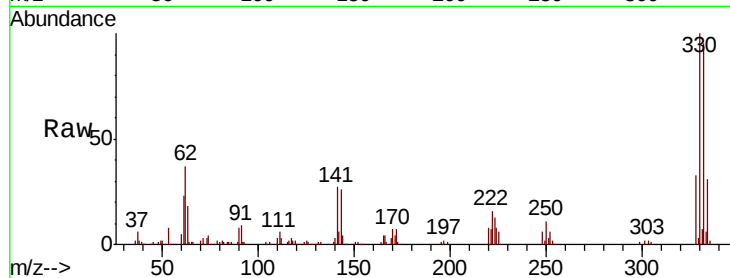




#42
 2,4,6-Tribromophenol
 Concen: 79.736 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

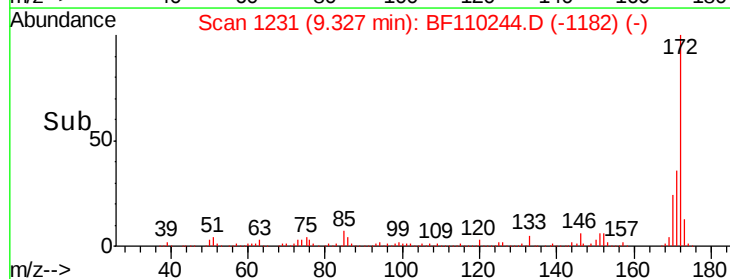
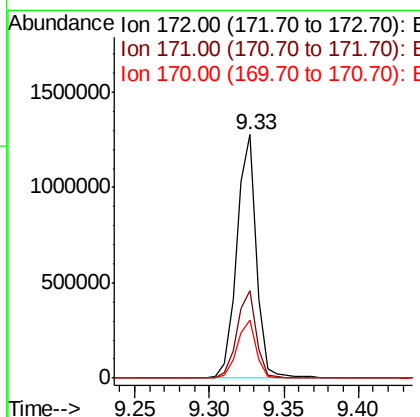
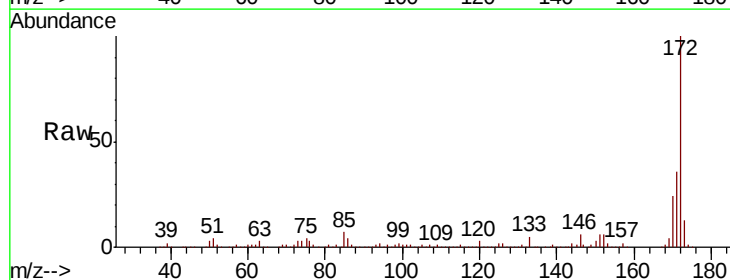
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 BNA_F
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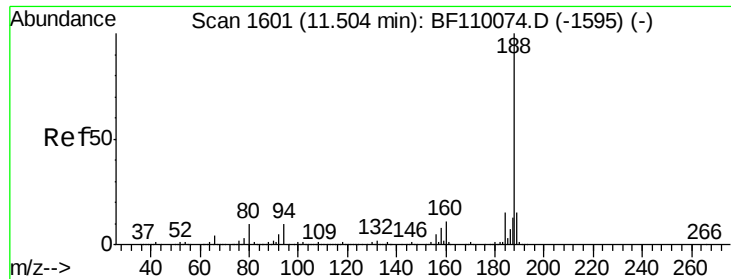
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	35.8	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 113.603 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110244.D
 Acq: 27 Oct 2018 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.7	29.5

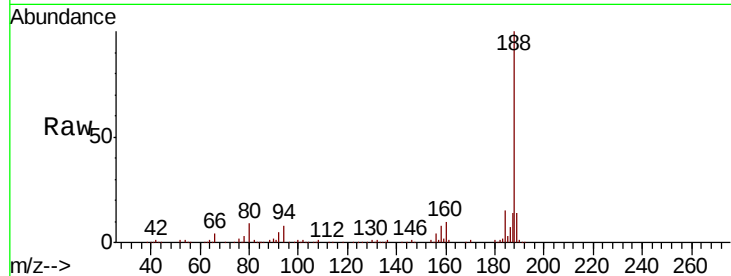




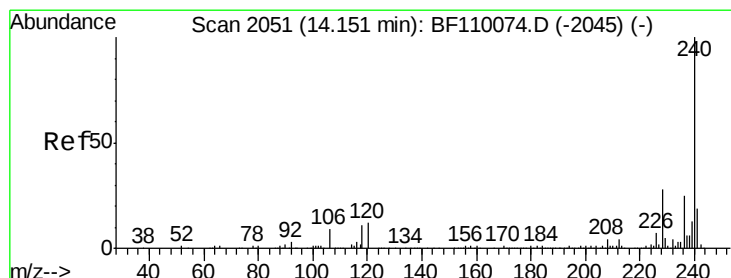
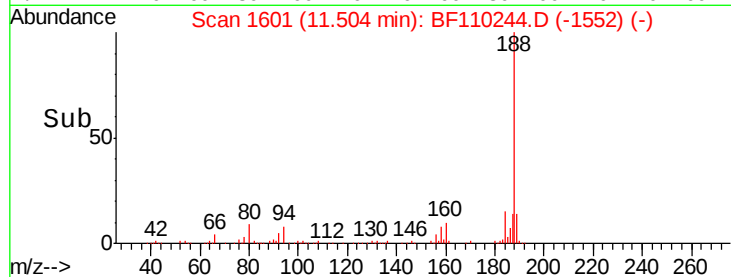
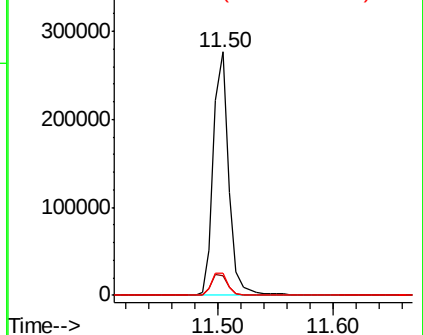
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-U-B

Tot Ion:188 Resp: 256263
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.3 7.9 11.9

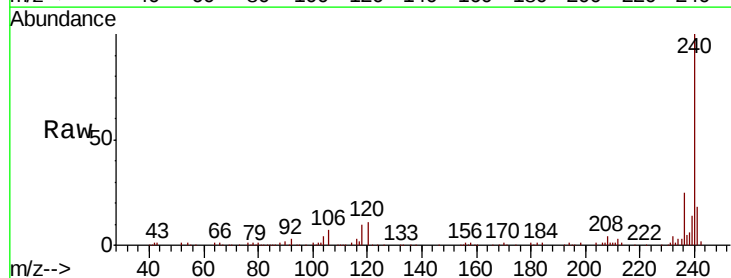


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

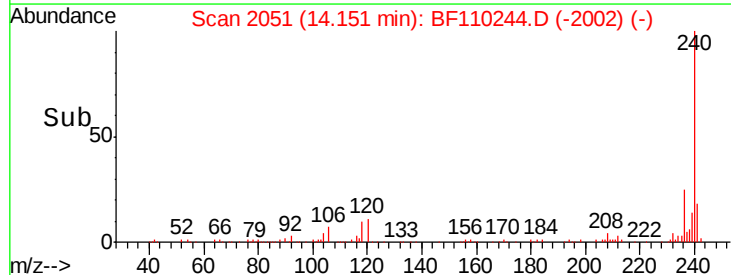
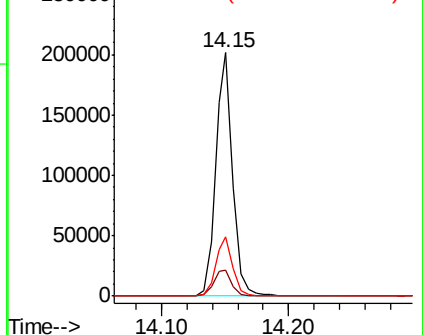


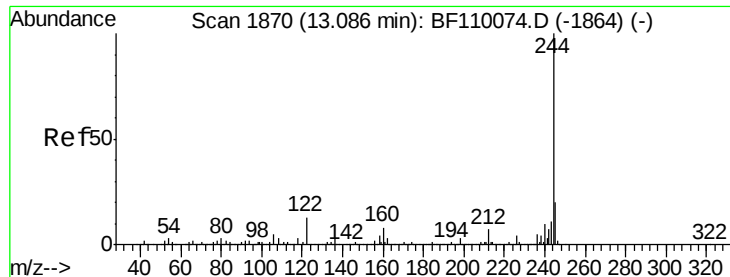
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110244.D
Acq: 27 Oct 2018 6:55

Tgt Ion:240 Resp: 188591
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.6 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: 103.514 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-U-B

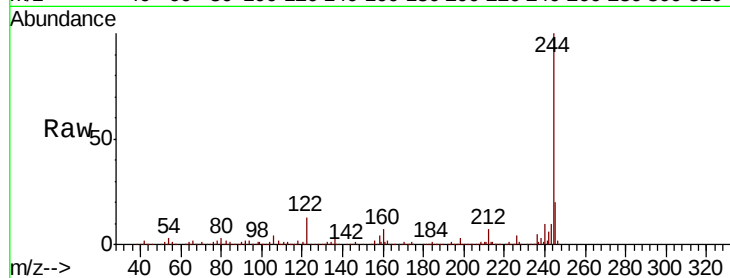
Tot Ion:244 Resp: 938677

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

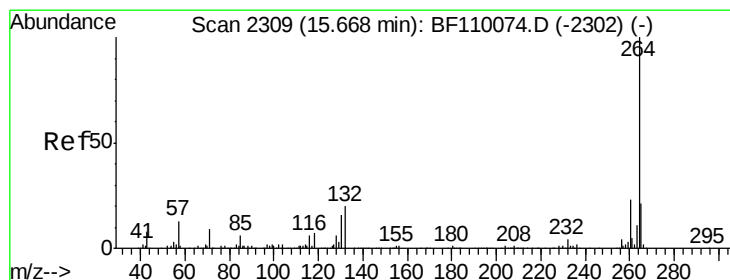
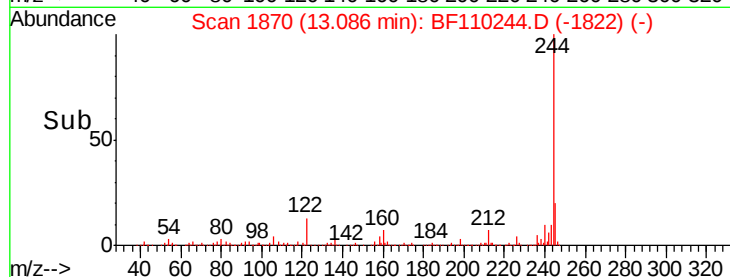
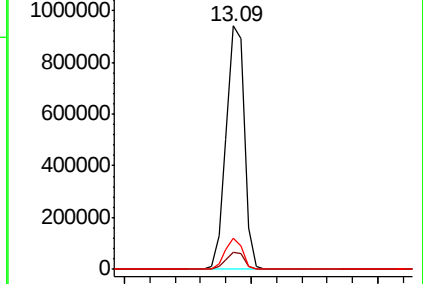
122 12.9 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110244.D

Acq: 27 Oct 2018 6:55

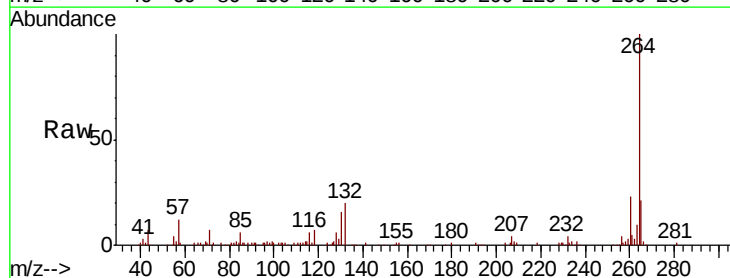
Tgt Ion:264 Resp: 125149

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.9 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

