

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110243.D
 Acq On : 27 Oct 2018 6:27
 Operator : JU/SJ
 Sample : J5686-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Oct 29 02:41:22 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	113314	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	420037	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	162167	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	252672	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	183930	20.00	ng	-0.01
87) Perylene-d12	15.67	264	122718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	331569	47.65	ng	-0.01
7) Phenol-d6	6.58	99	263258	29.58	ng	-0.02
23) Nitrobenzene-d5	7.53	82	723005	102.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	127617	79.44	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1171409	113.43	ng	-0.01
79) Terphenyl-d14	13.09	244	901860	101.97	ng	-0.02

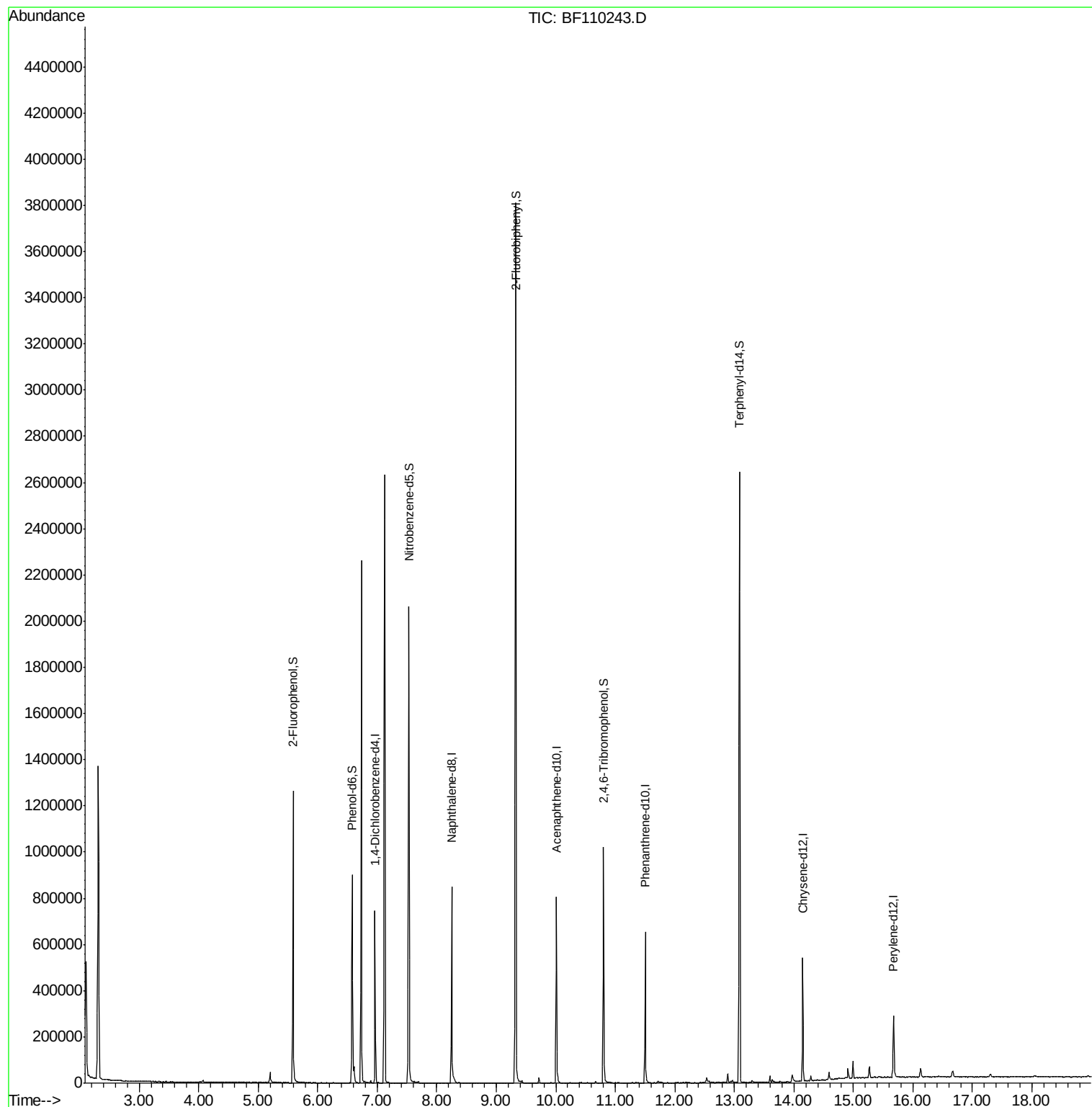
Target Compounds Qvalue

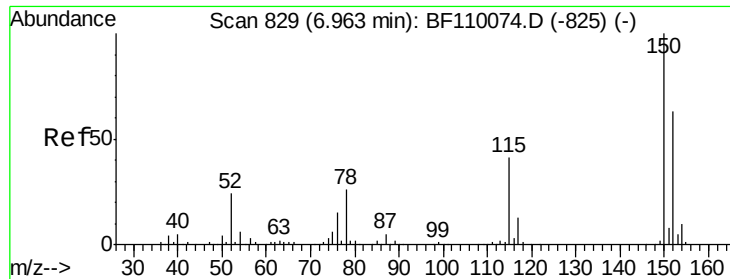
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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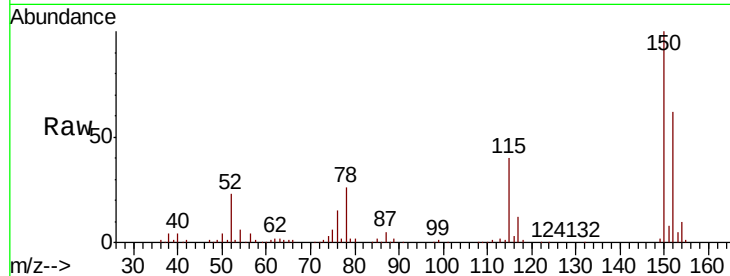


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	122.7	184.1
115	64.5	49.1	73.7

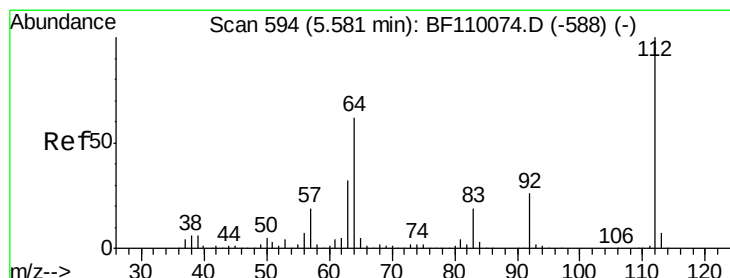
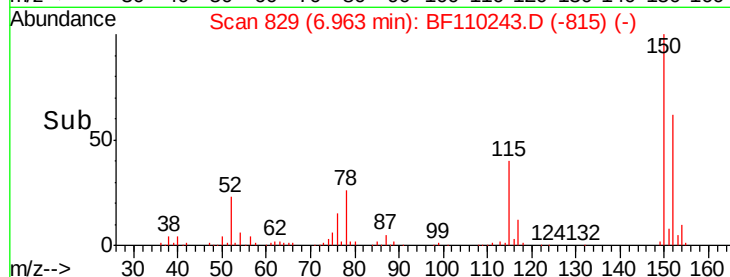
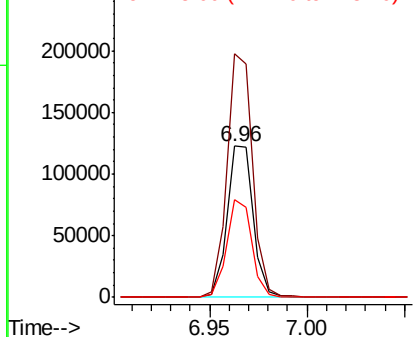


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

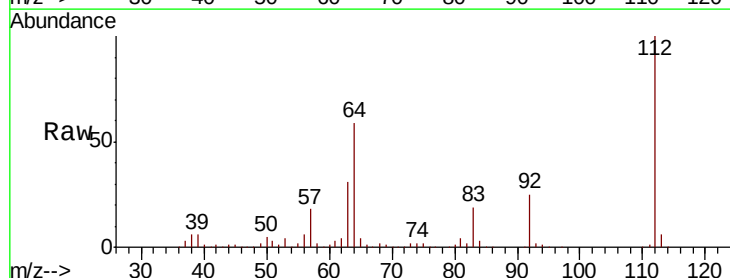
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 47.650 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	30.8	23.7	35.5

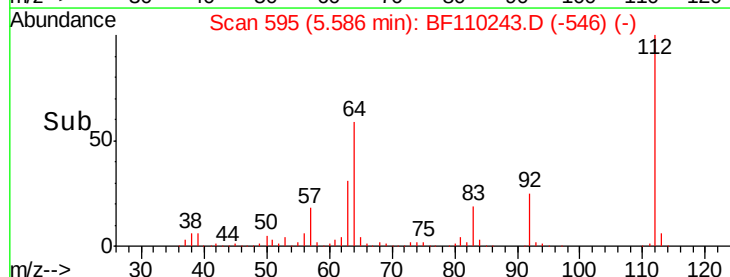
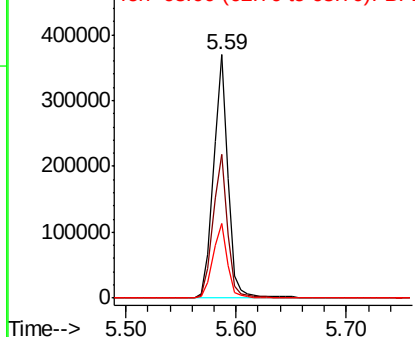


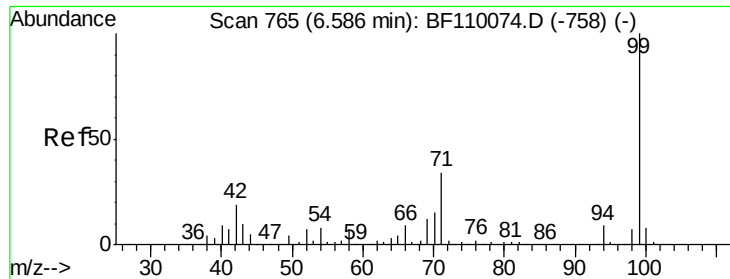
Abundance

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: 29.579 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-S

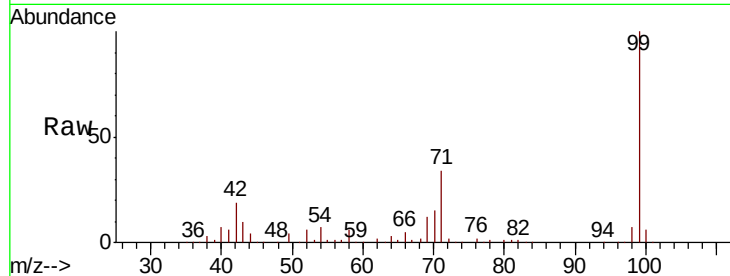
Tot Ion: 99 Resp: 263258

Ion Ratio Lower Upper

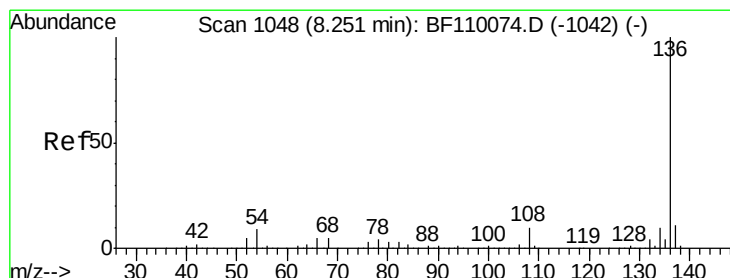
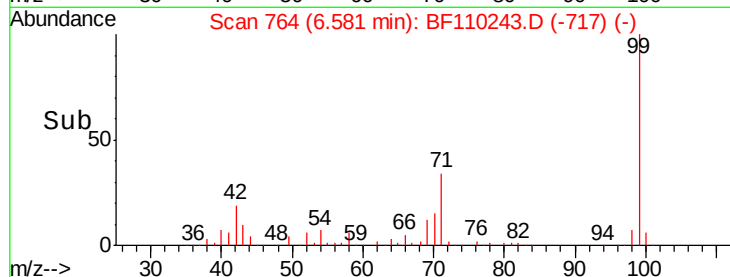
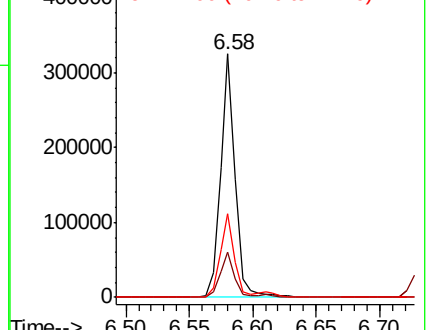
99 100

42 18.8 15.8 23.6

71 34.1 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: BF110243.D

Acq: 27 Oct 2018 6:27

Tgt Ion: 136 Resp: 420037

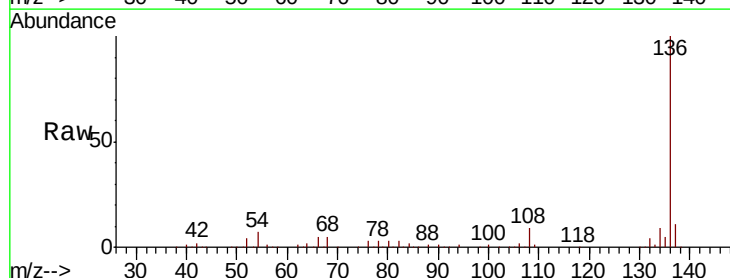
Ion Ratio Lower Upper

136 100

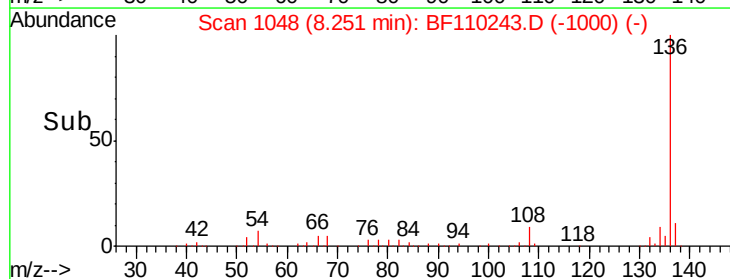
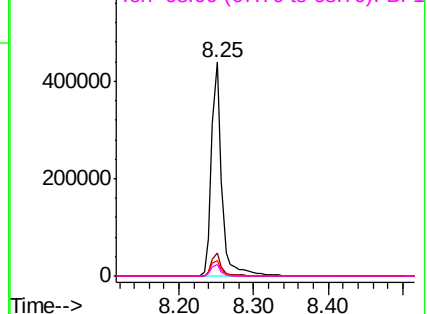
137 10.8 8.8 13.2

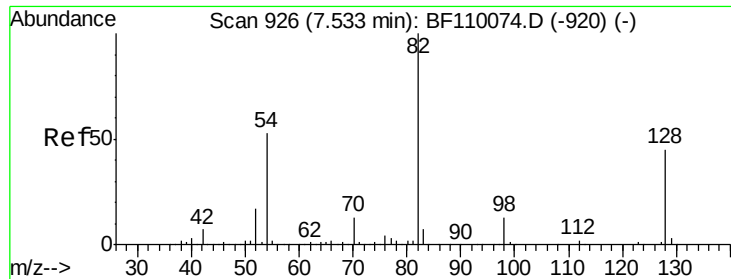
54 7.3 5.4 8.2

68 5.3 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

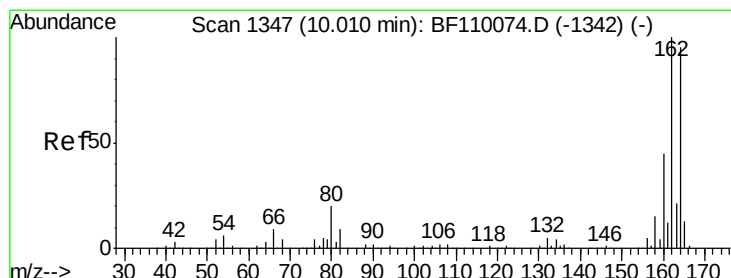
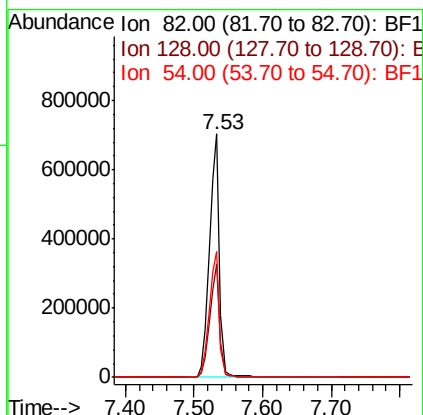
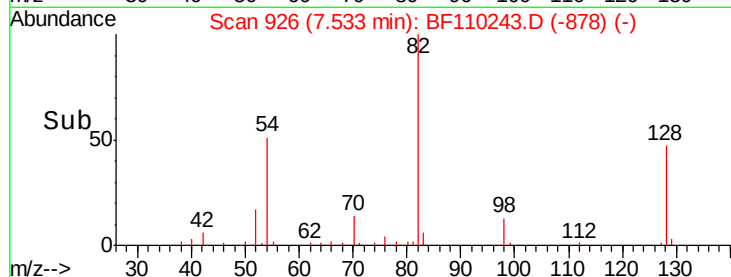
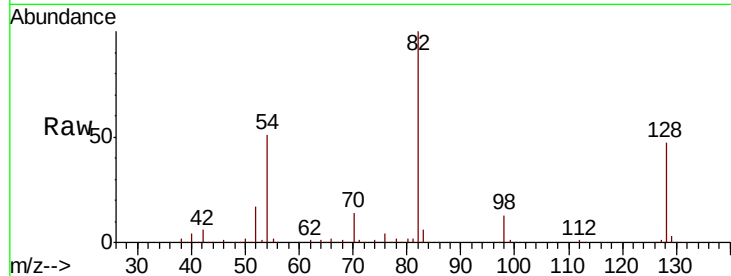




#23
Nitrobenzene-d5
Concen: 102.095 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

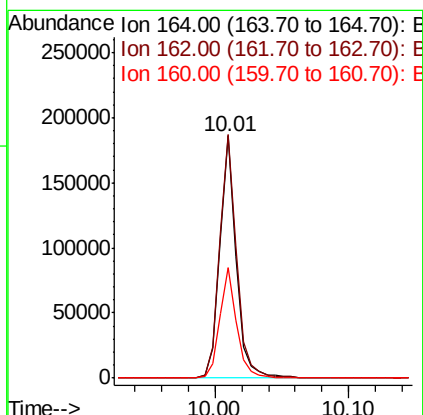
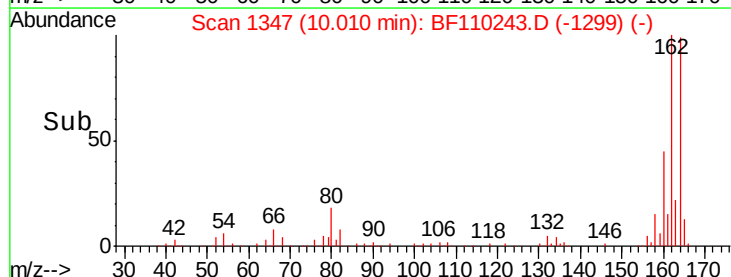
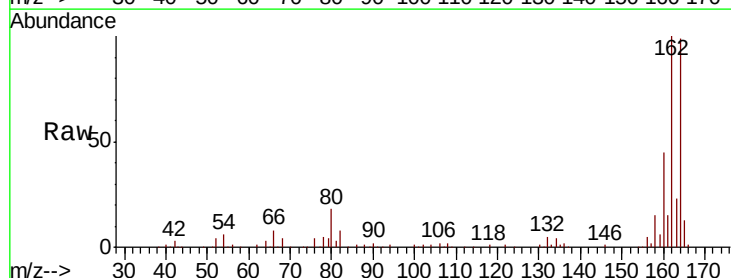
Instrument :
BNA_F
ClientSampleId :
102418-DBRI-F-D-S

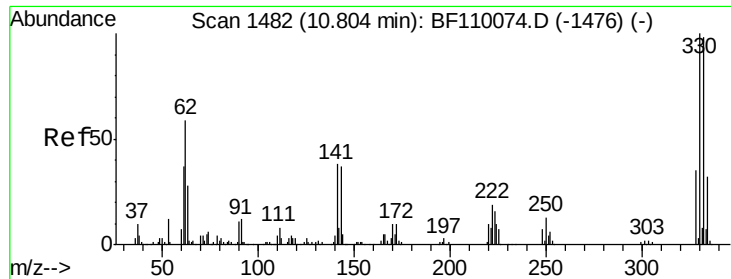
Tot Ion	82	Resp	723005
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.2	51.2
54	51.5	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Tgt Ion	164	Resp	162167
Ion Ratio	Lower	Upper	
164	100		
162	100.7	83.0	124.6
160	45.5	37.0	55.6

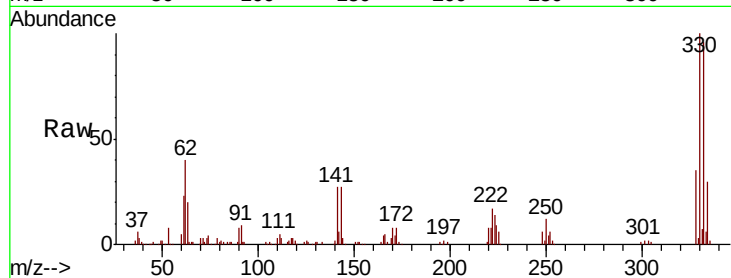




#42
 2,4,6-Tribromophenol
 Concen: 79.444 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.1	115.7
141	34.9	27.0	40.4

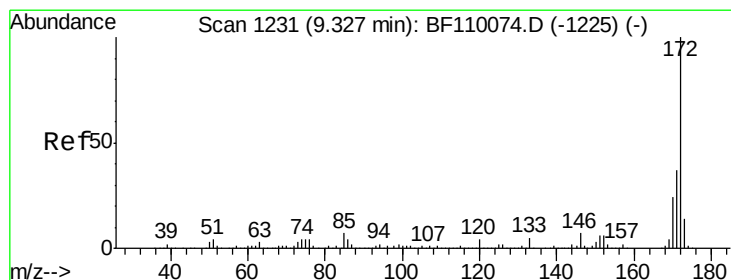
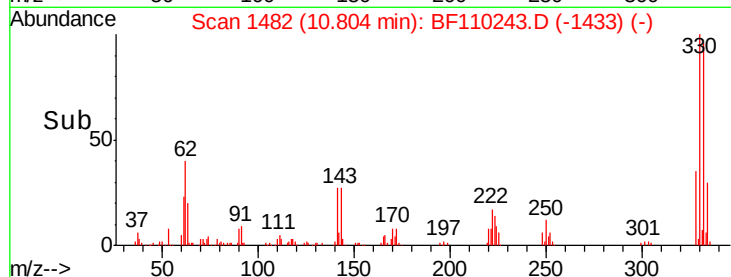
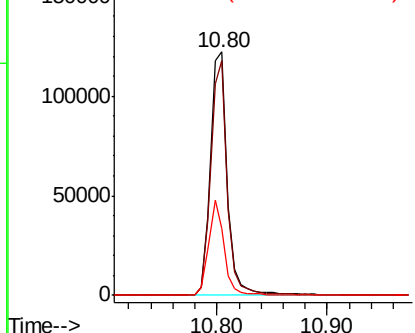


Abundance

Ion 329.80 (329.50 to 330.50): E

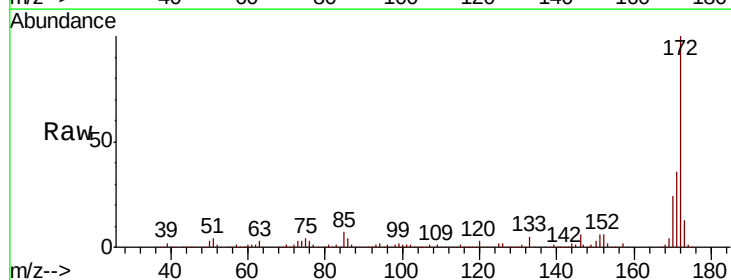
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 113.427 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110243.D
 Acq: 27 Oct 2018 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.7	29.5

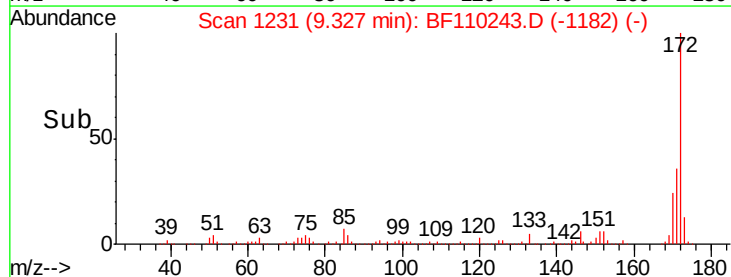
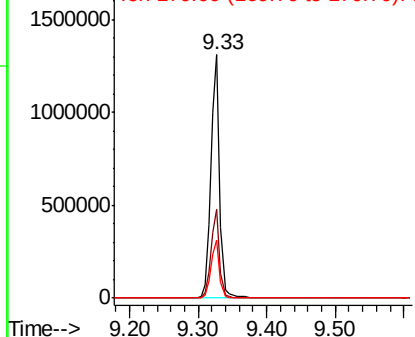


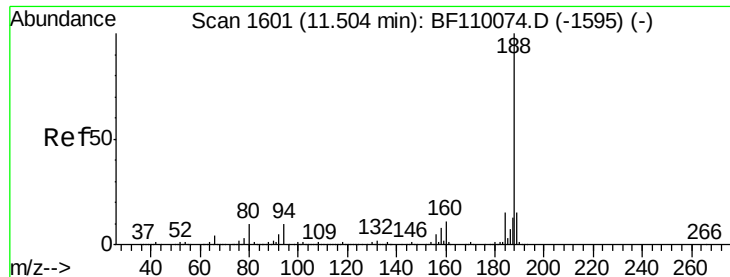
Abundance

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

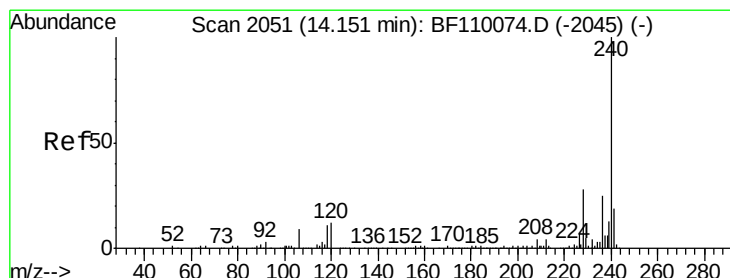
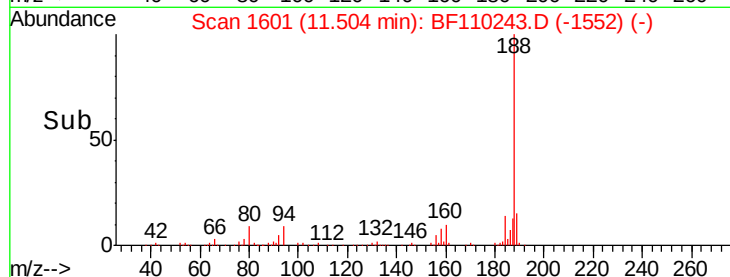
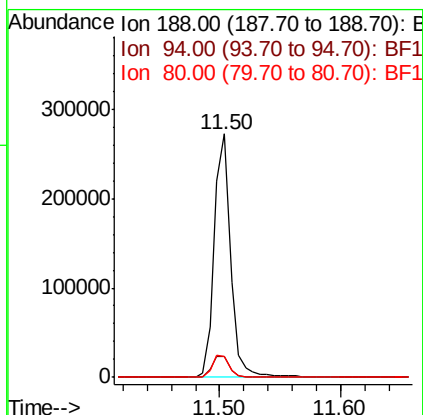
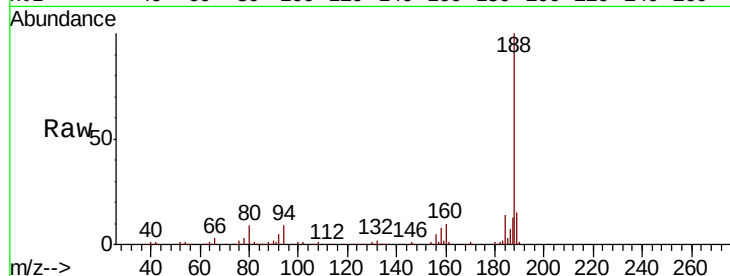




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

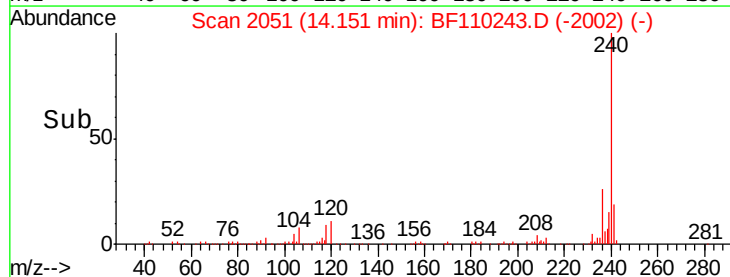
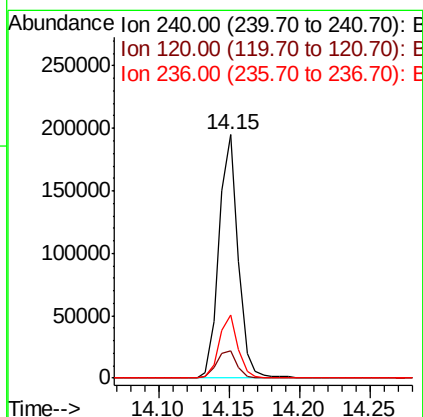
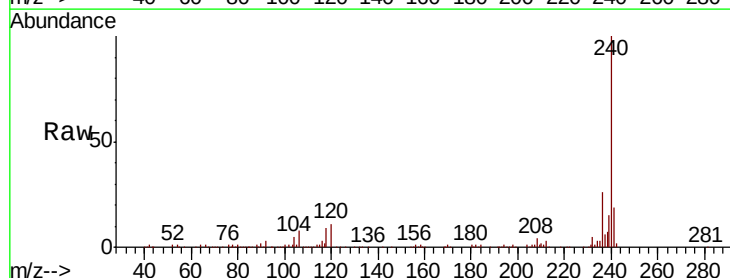
Instrument :
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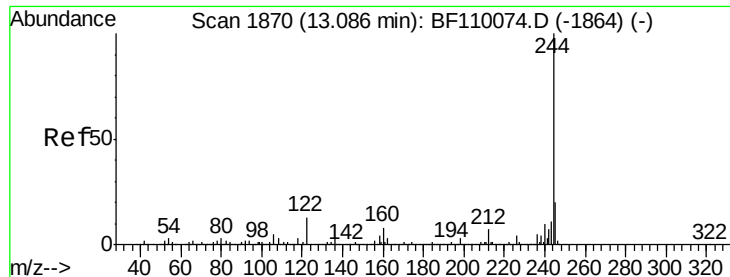
Tot Ion:188 Resp: 252672
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110243.D
Acq: 27 Oct 2018 6:27

Tgt Ion:240 Resp: 183930
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 101.974 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110243.D

Acq: 27 Oct 2018 6:27

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-D-S

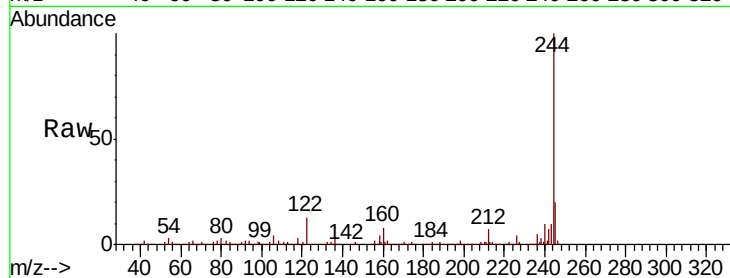
Tot Ion:244 Resp: 901860

Ion Ratio Lower Upper

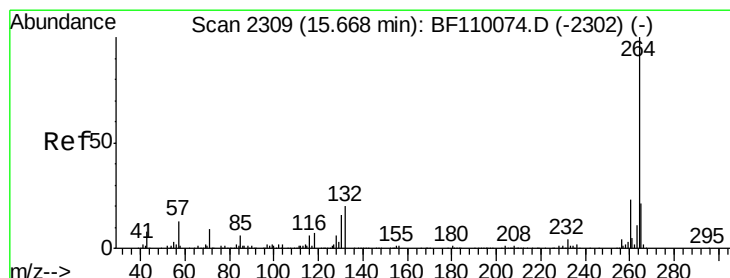
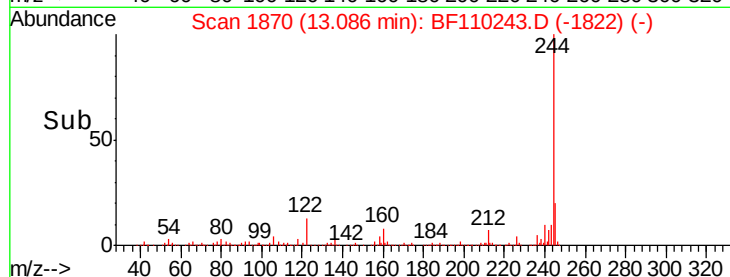
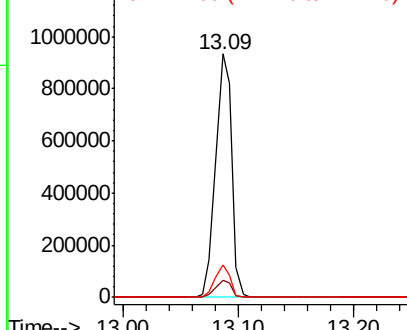
244 100

212 7.0 5.8 8.8

122 13.3 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: BF110243.D

Acq: 27 Oct 2018 6:27

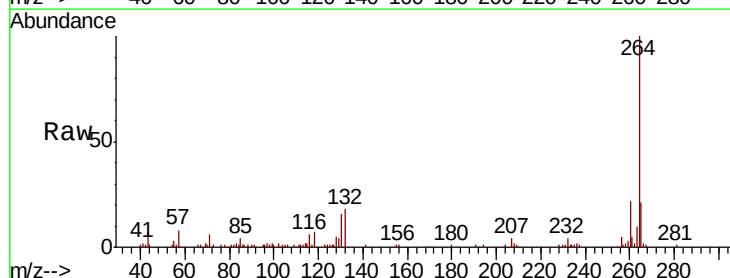
Tgt Ion:264 Resp: 122718

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 21.4 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

