

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109864.D
 Acq On : 13 Oct 2018 5:32
 Operator : JU/SJ
 Sample : J5444-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101018-DBRI-F-D-B

Quant Time: Oct 15 01:31:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

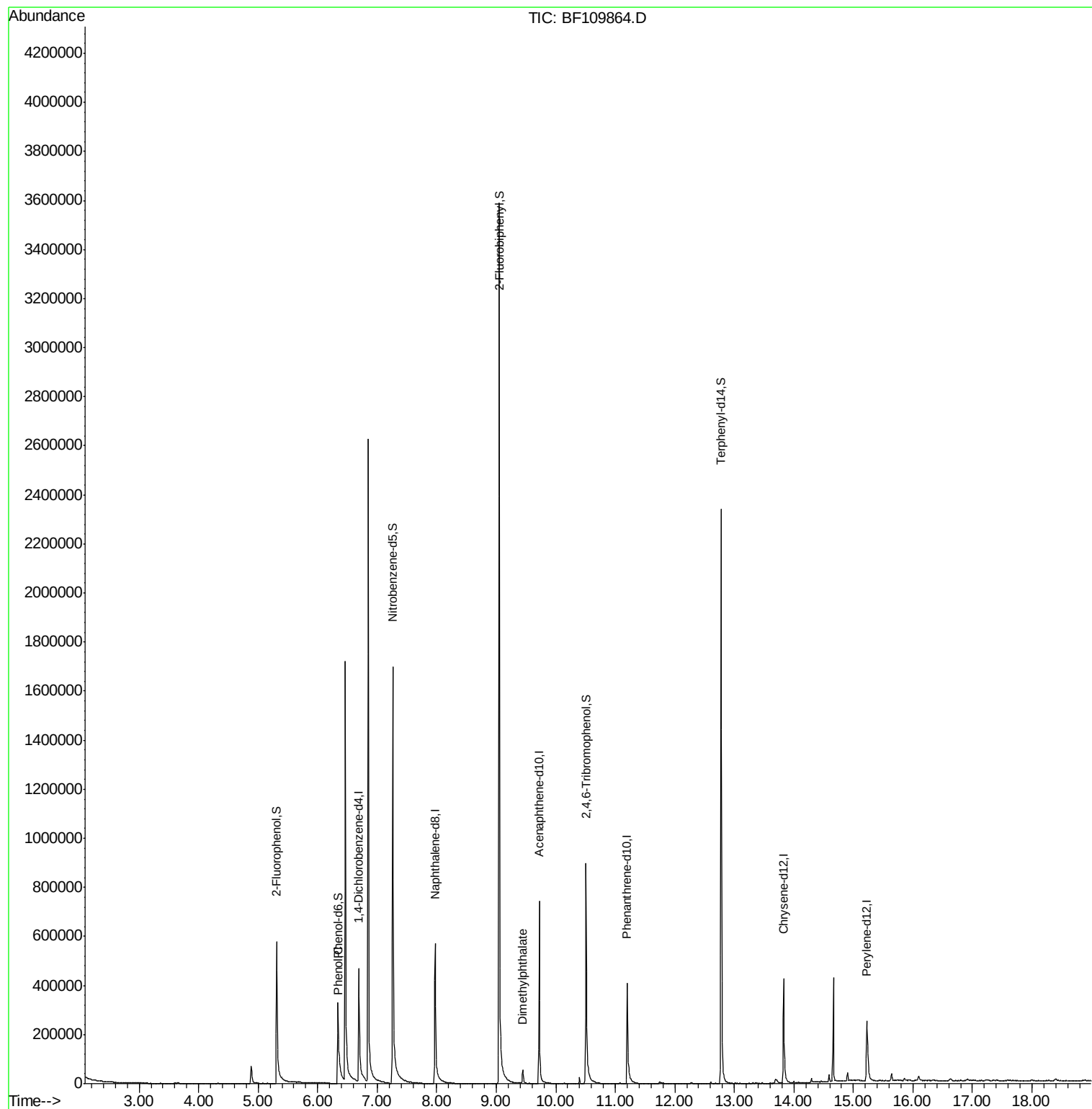
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103411	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	415964	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	166965	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	266628	20.00	ng	0.00
75) Chrysene-d12	13.83	240	212313	20.00	ng	0.00
86) Perylene-d12	15.23	264	165586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	238889	41.00	ng	-0.01
7) Phenol-d6	6.34	99	203316	26.12	ng	-0.02
23) Nitrobenzene-d5	7.26	82	806060	106.82	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	160441	88.19	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1351798	111.51	ng	0.00
78) Terphenyl-d14	12.78	244	910161	82.99	ng	0.00
Target Compounds						
10) Phenol	6.36	94	20845	2.336	ng	80
49) Dimethylphthalate	9.45	163	36812	3.006	ng	97

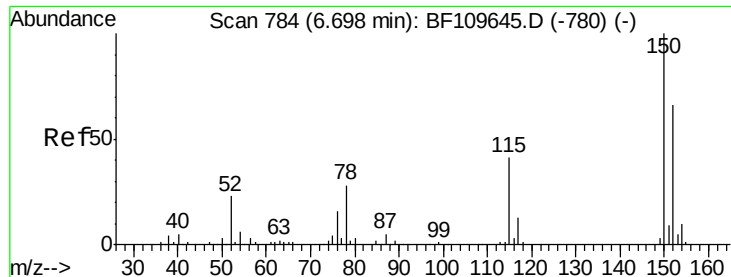
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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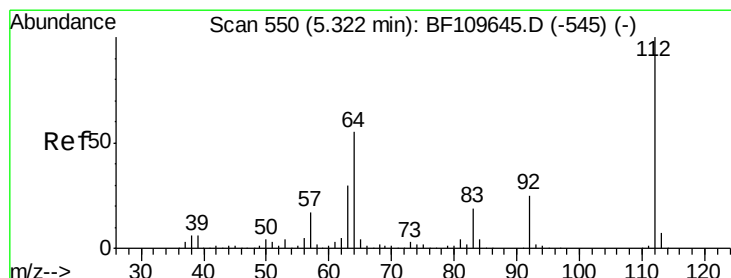
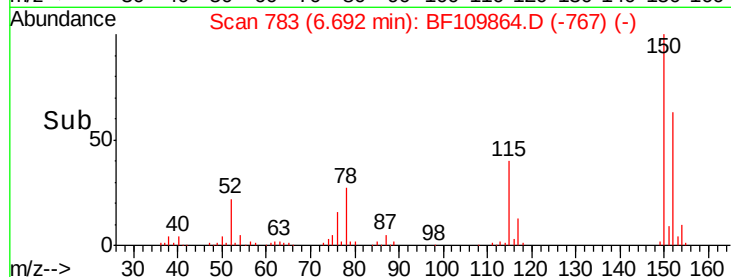
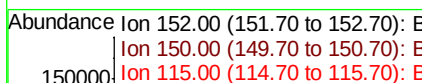
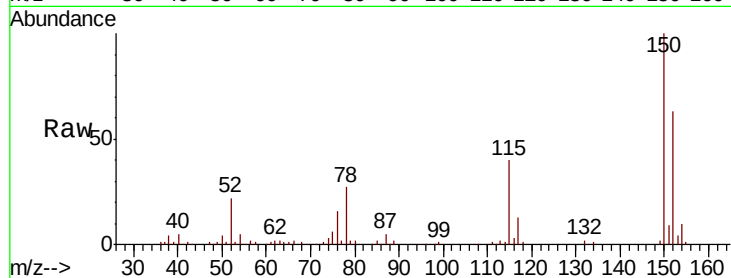


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :
101018-DBRI-F-D-B

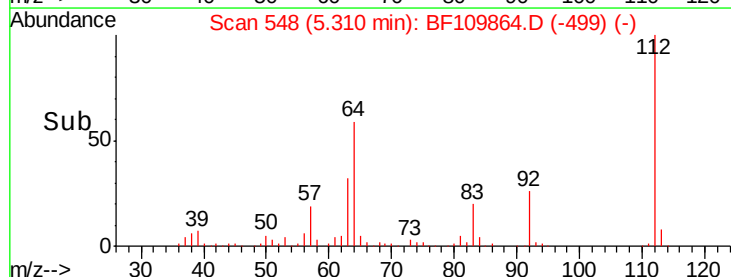
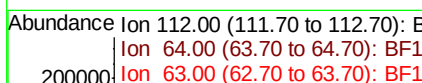
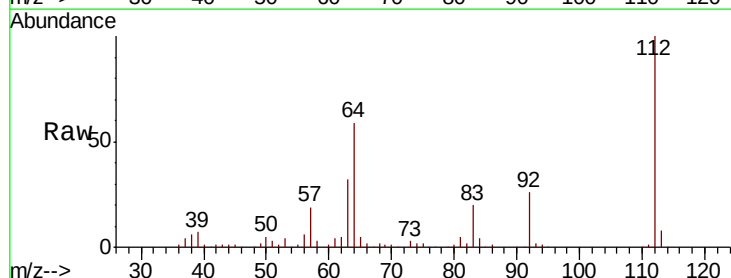
Tot Ion:152 Resp: 103411
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 62.8 49.1 73.7

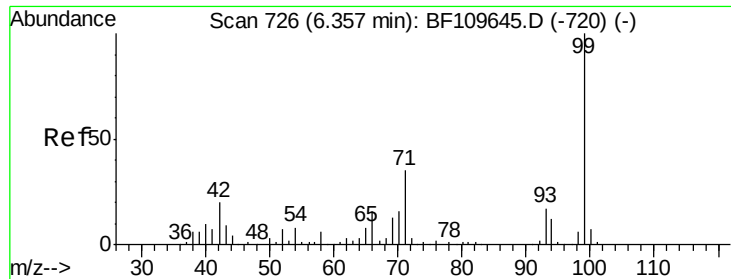


#5

2-Fluorophenol
Concen: 41.005 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion:112 Resp: 238889
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 26.124 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

101018-DBRI-F-D-B

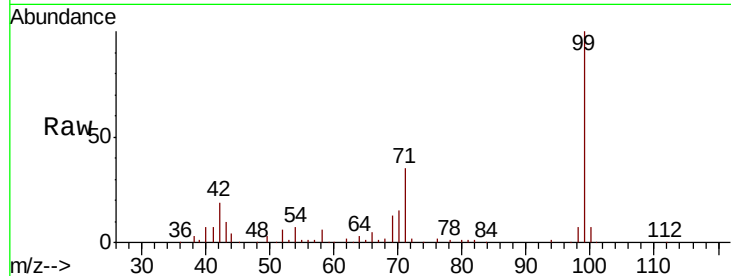
Tot Ion: 99 Resp: 203316

Ion Ratio Lower Upper

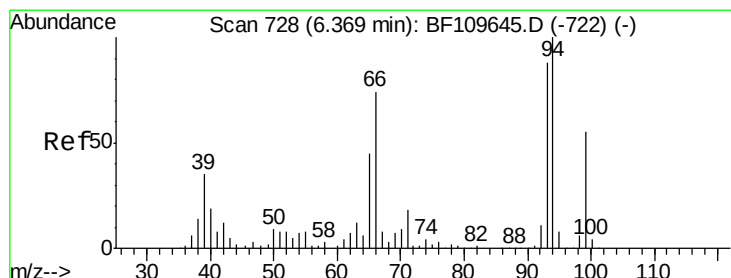
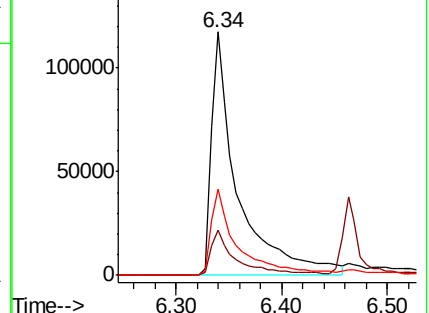
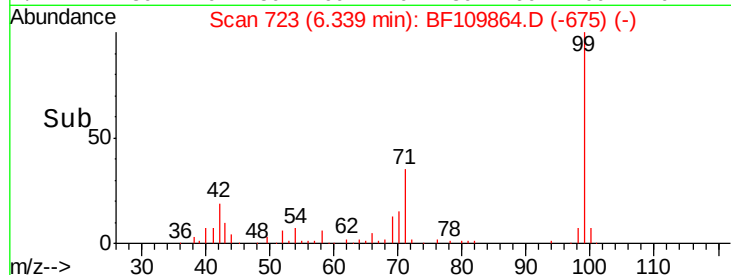
99 100

42 18.6 15.8 23.6

71 35.4 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: 2.336 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

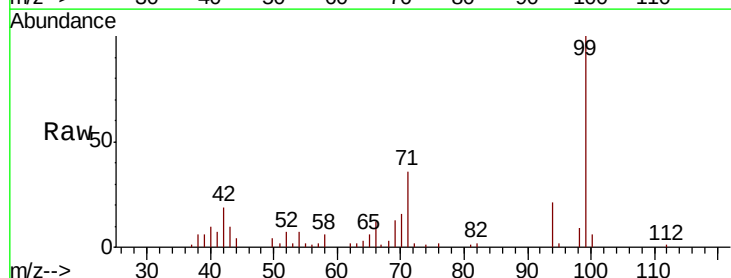
Tgt Ion: 94 Resp: 20845

Ion Ratio Lower Upper

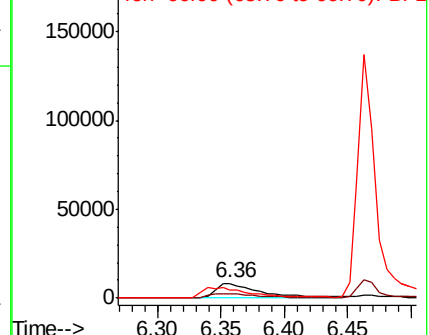
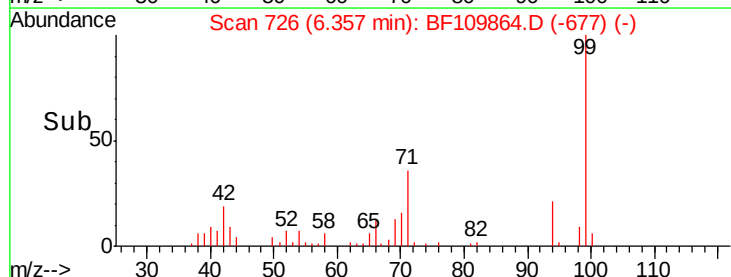
94 100

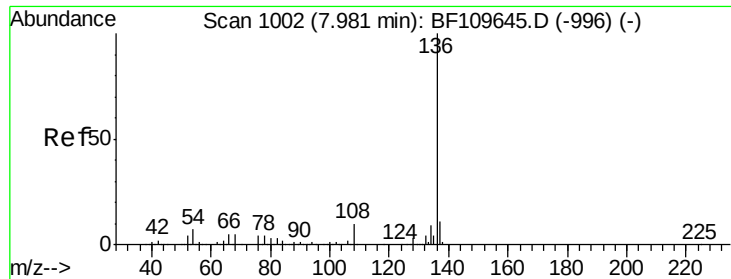
65 30.6 25.3 65.3

66 58.5 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

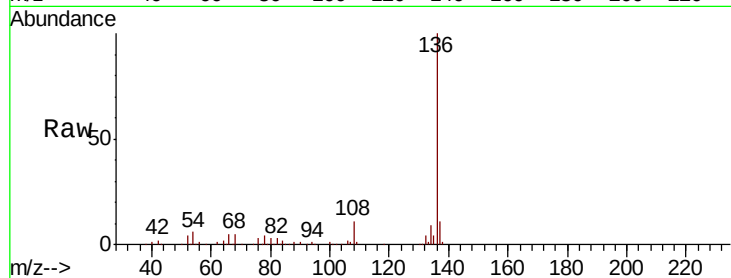




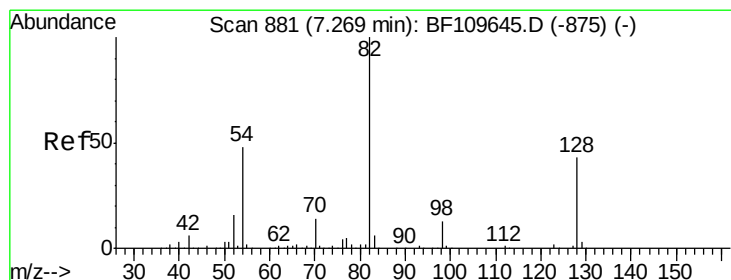
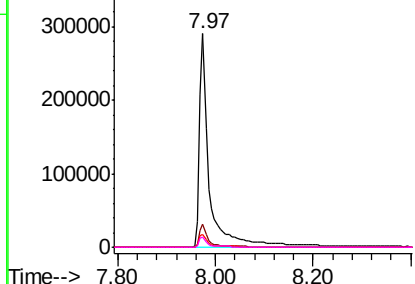
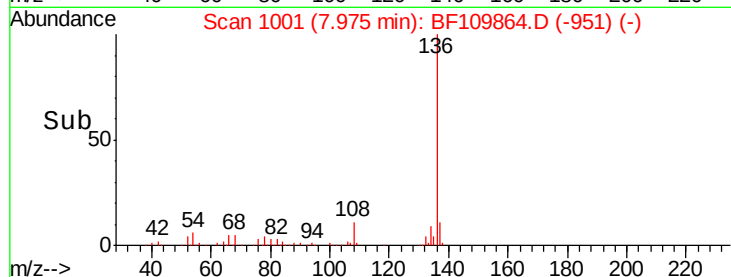
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :
101018-DBRI-F-D-B

Tot Ion:136	Resp:	415964
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	6.3	5.4 8.2
68	4.5	4.2 6.2

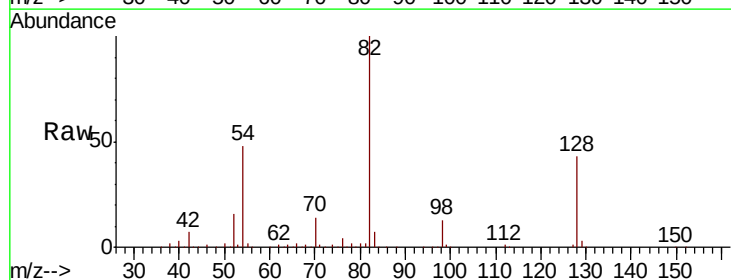


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

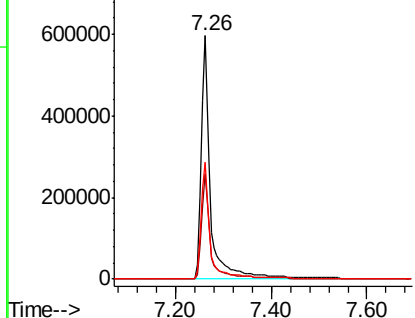
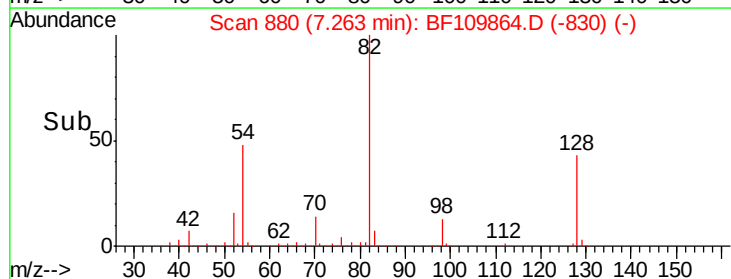


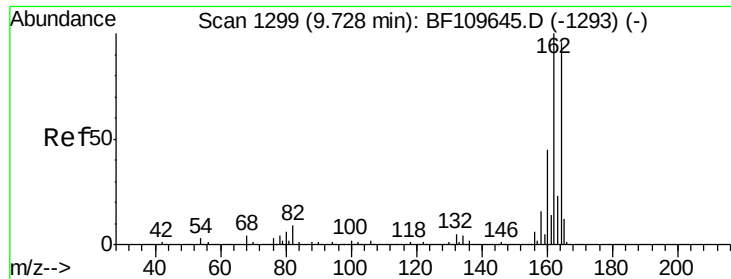
#23
Nitrobenzene-d5
Concen: 106.819 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion: 82	Resp:	806060
Ion	Ratio	Lower Upper
82	100	
128	43.1	34.2 51.2
54	47.8	38.6 58.0



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

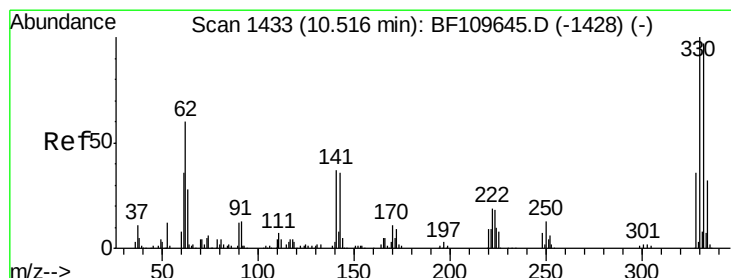
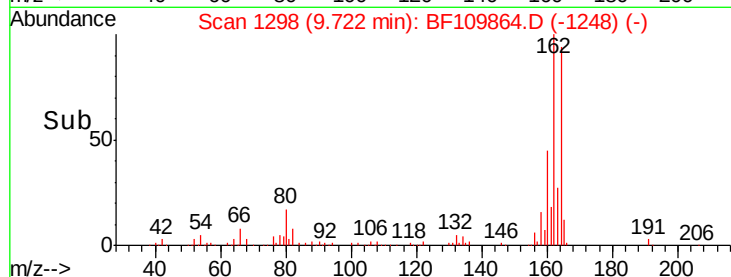
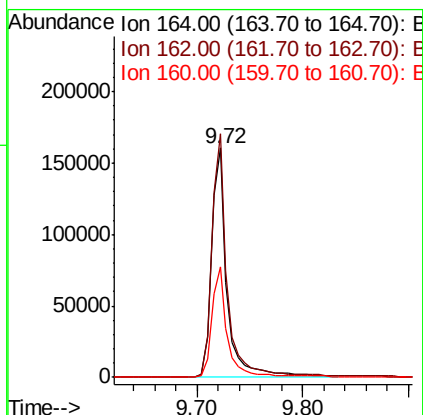
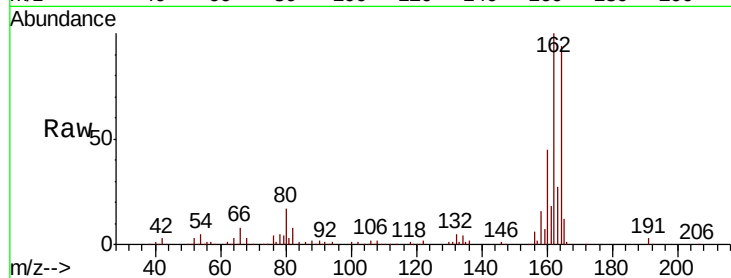




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109864.D
 Acq: 13 Oct 2018 5:32

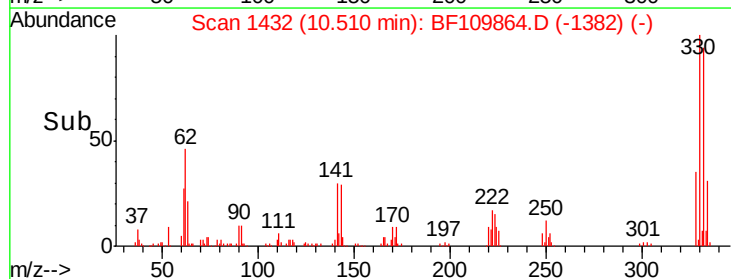
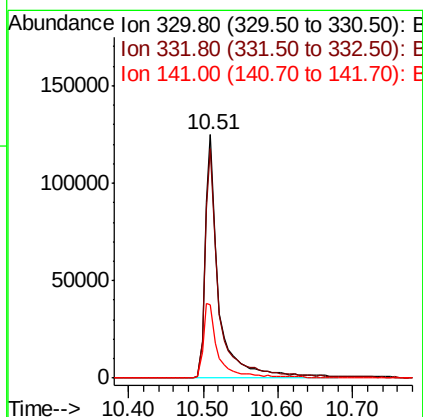
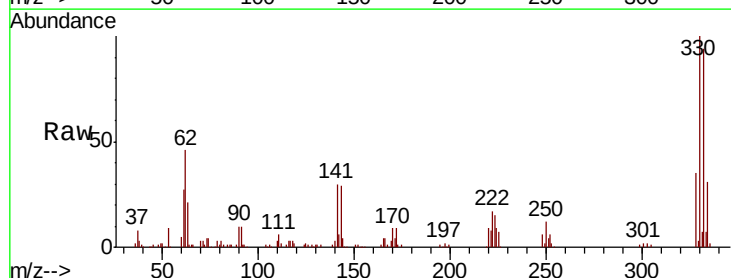
Instrument :
 BNA_F
 ClientSampleId :
 101018-DBRI-F-D-B

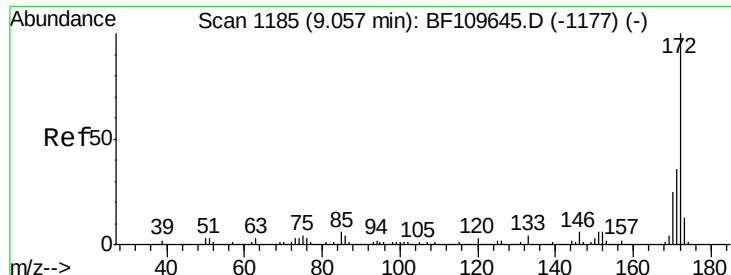
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	48.2	37.0	55.6



#41
 2,4,6-Tribromophenol
 Concen: 88.190 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109864.D
 Acq: 13 Oct 2018 5:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	34.6	27.0	40.4

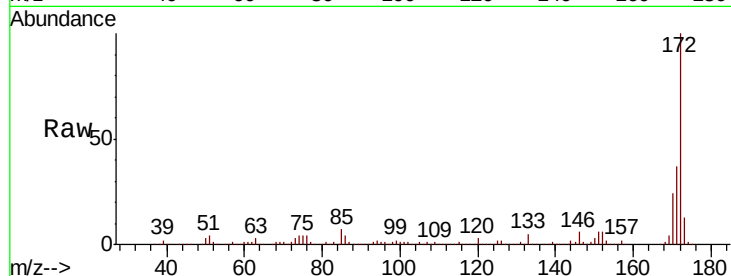




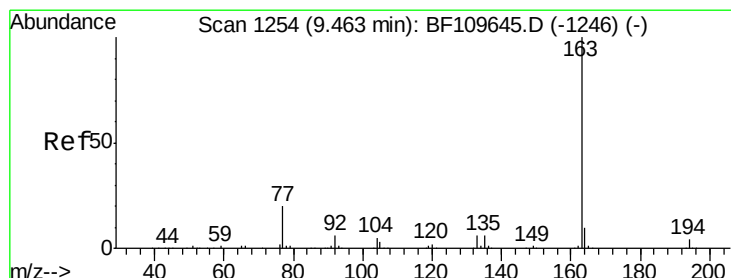
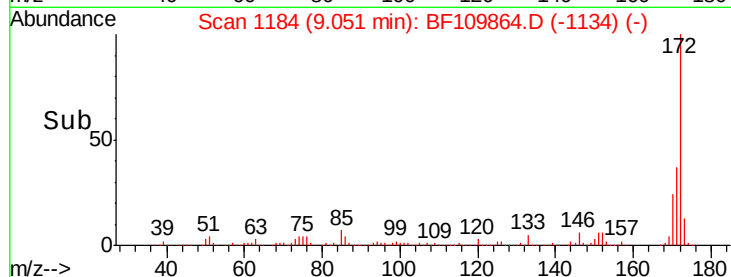
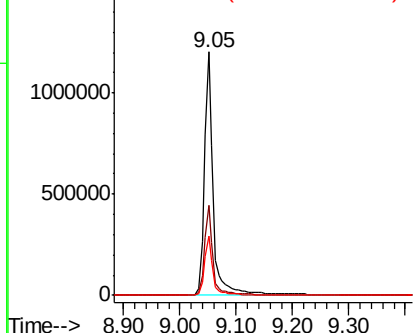
#44
2-Fluorobiphenyl
Concen: 111.506 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :
101018-DBRI-F-D-B

Tot Ion:172 Resp: 1351798
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.4 19.7 29.5

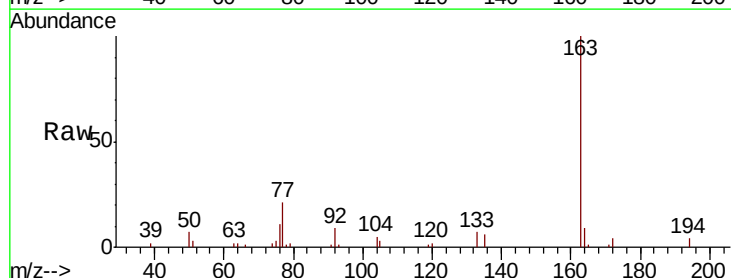


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

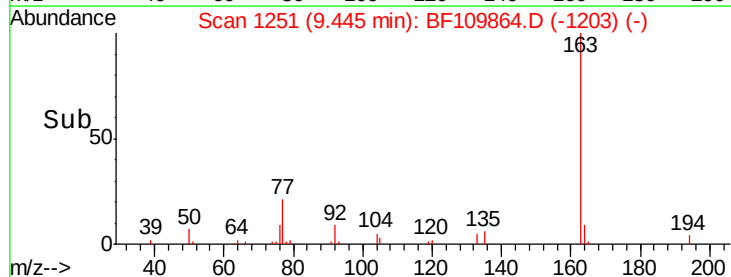
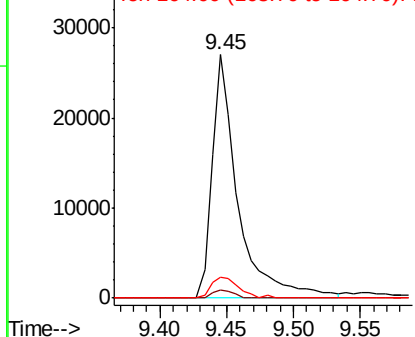


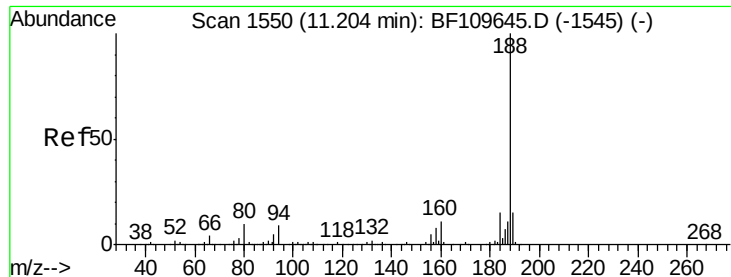
#49
Dimethylphthalate
Concen: 3.006 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion:163 Resp: 36812
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 8.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

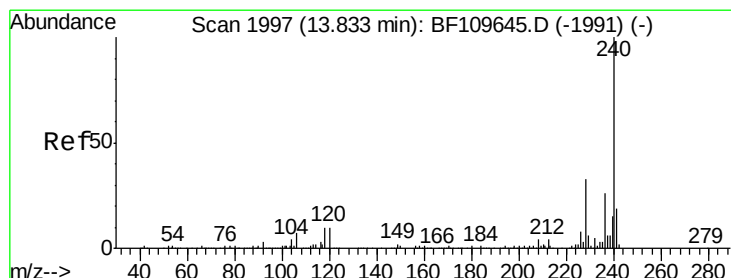
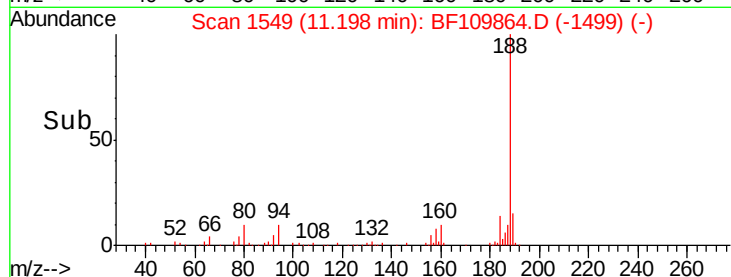
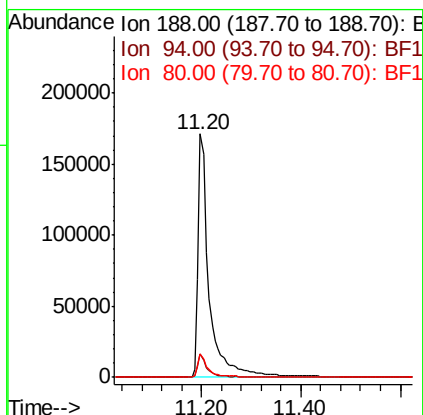
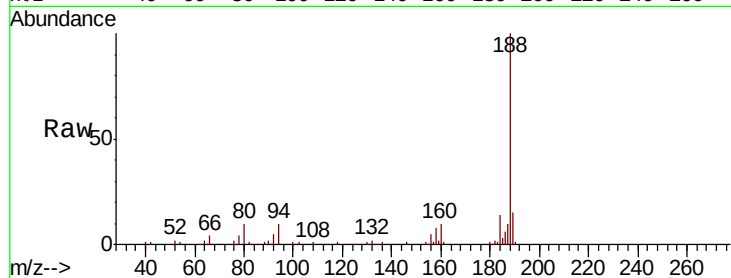




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

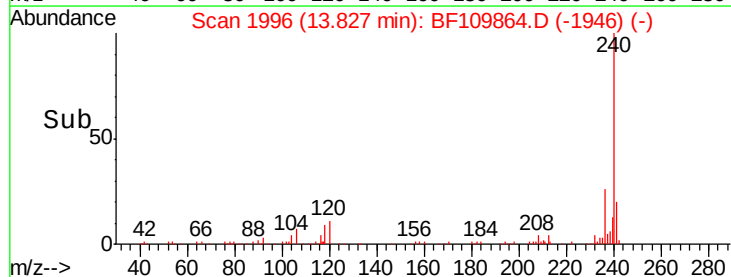
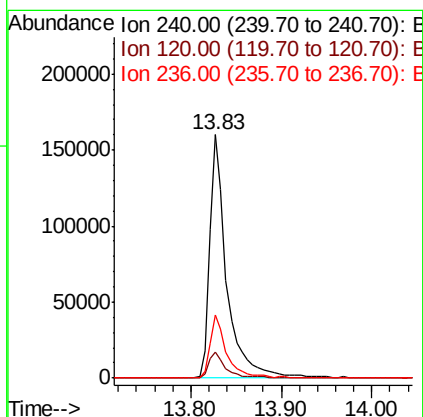
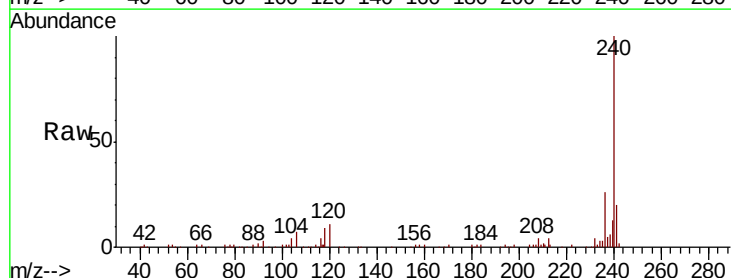
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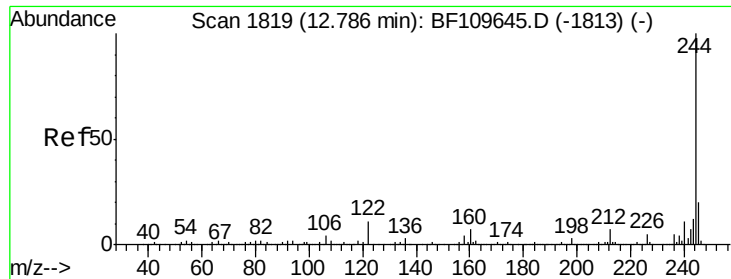
Tot Ion:188 Resp: 266628
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 9.6 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion:240 Resp: 212313
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 82.987 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

101018-DBRI-F-D-B

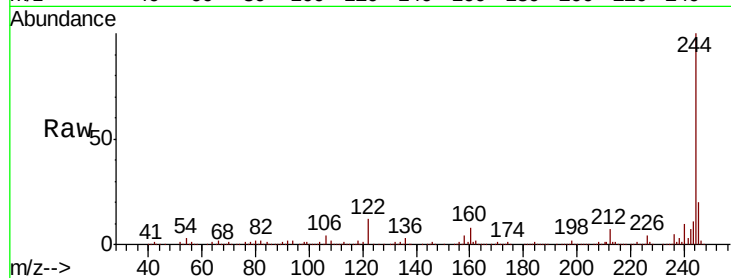
Tot Ion:244 Resp: 910161

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

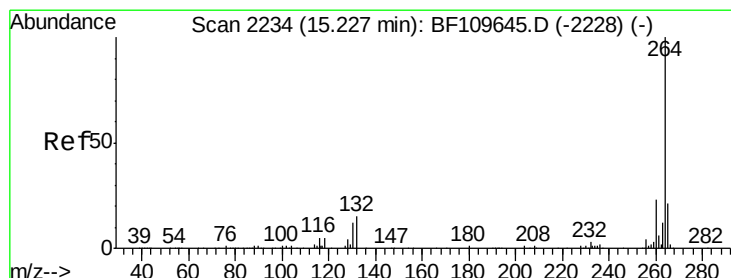
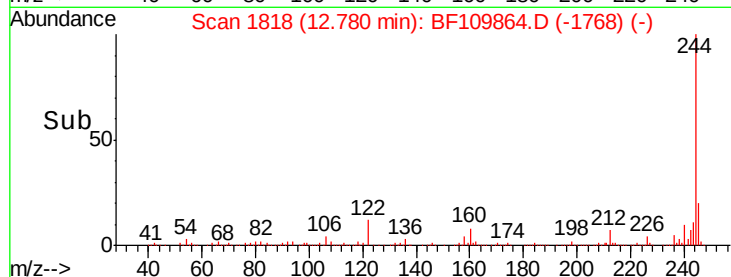
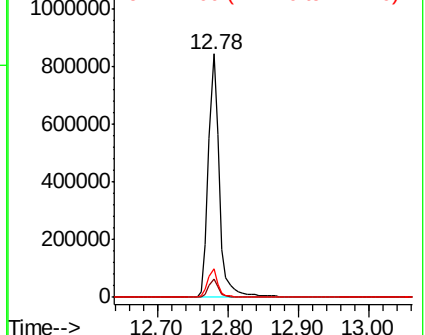
122 11.6 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

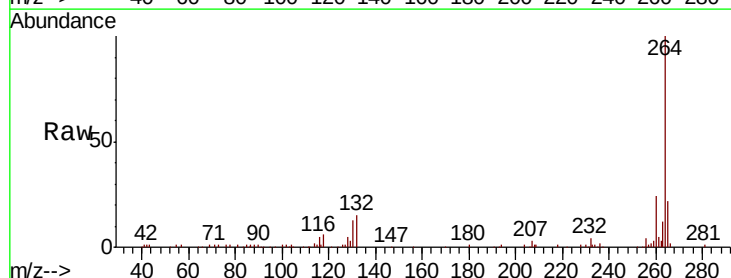
Tgt Ion:264 Resp: 165586

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.1 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

