

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110204.D
 Acq On : 26 Oct 2018 11:40
 Operator : JU/SJ
 Sample : J5662-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Quant Time: Oct 26 15:08:27 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

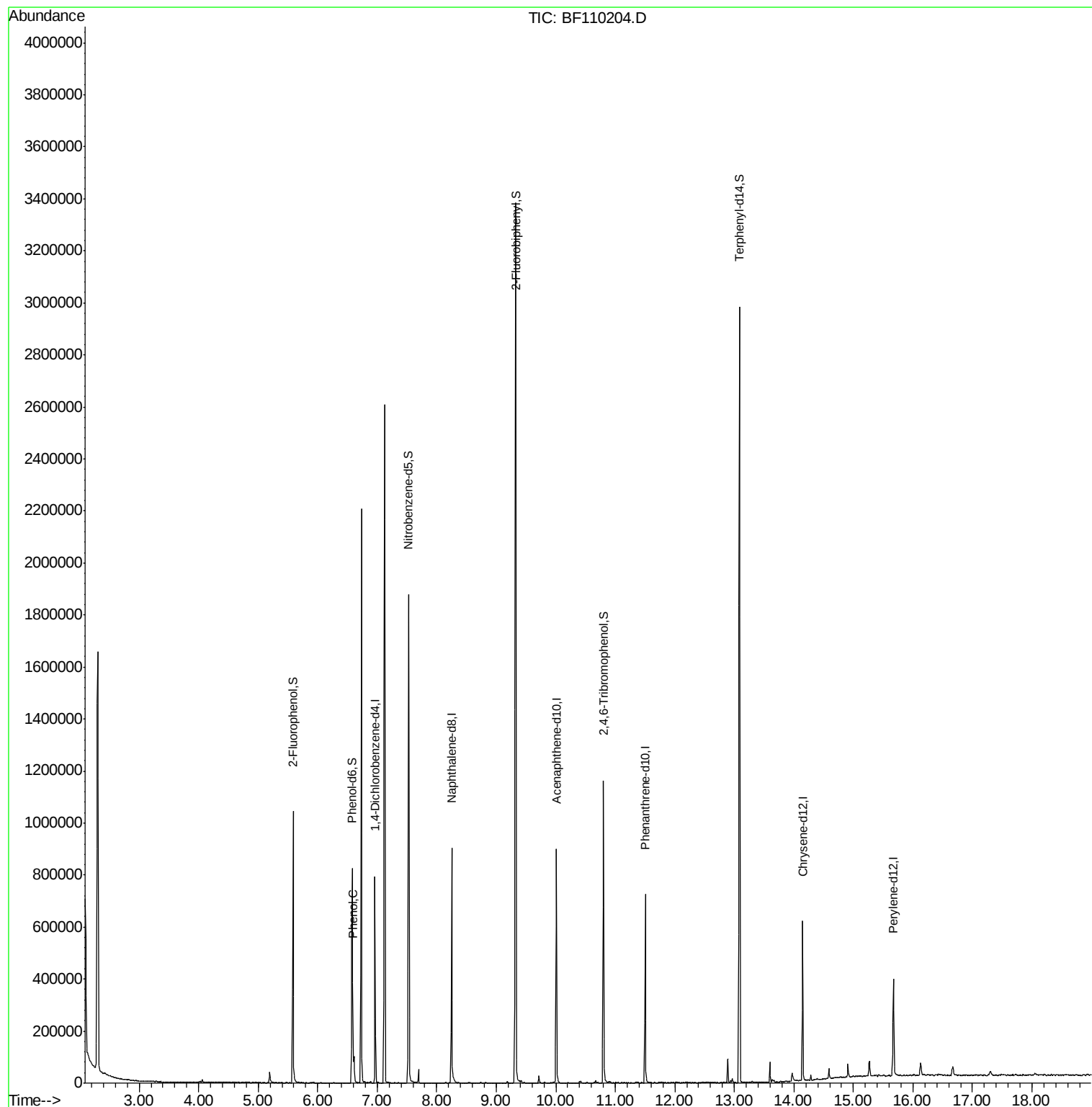
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117345	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	430064	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	175600	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	289023	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	207836	20.00	ng	-0.02
87) Perylene-d12	15.67	264	152896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	296897	41.20	ng	-0.01
7) Phenol-d6	6.58	99	248670	26.98	ng	-0.02
23) Nitrobenzene-d5	7.53	82	681112	93.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	130960	75.29	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1139475	101.89	ng	-0.01
79) Terphenyl-d14	13.09	244	958271	95.89	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	40996	4.161	ng	Qvalue # 62

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

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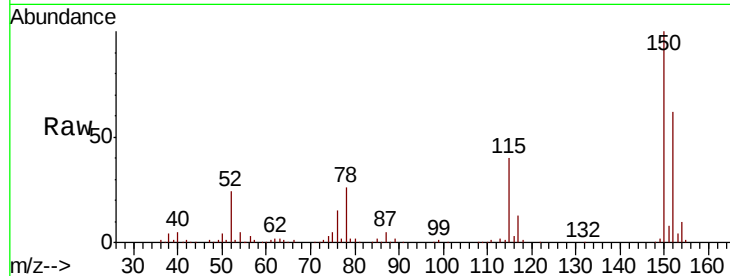


#1

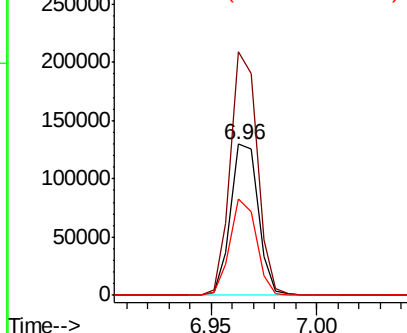
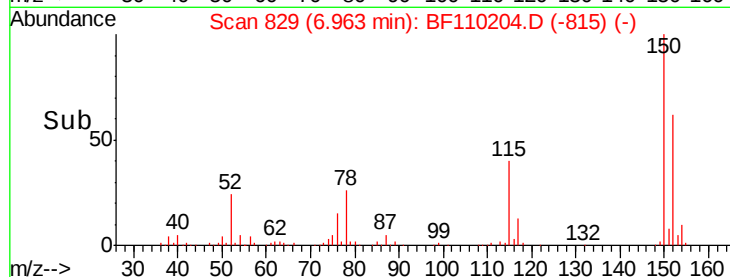
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Tot Ion:152 Resp: 117345
 Ion Ratio Lower Upper
 152 100
 150 160.8 122.7 184.1
 115 64.0 49.1 73.7



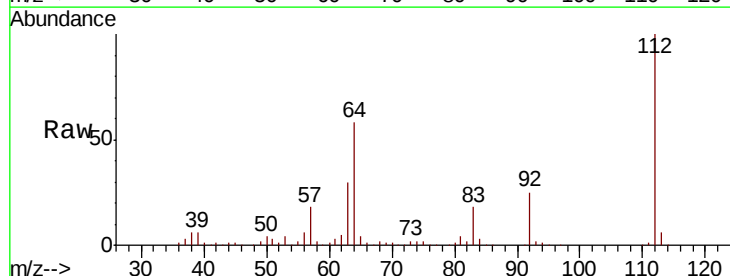
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



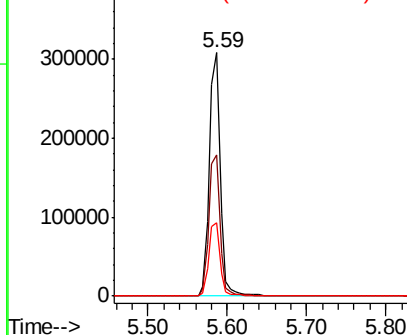
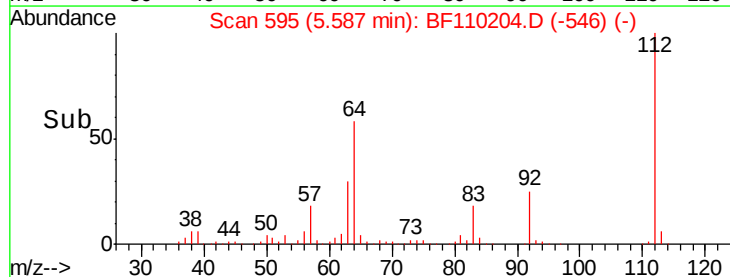
#5

2-Fluorophenol
 Concen: 41.202 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Tgt Ion:112 Resp: 296897
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.1 66.1
 63 29.9 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: 26.980 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-M

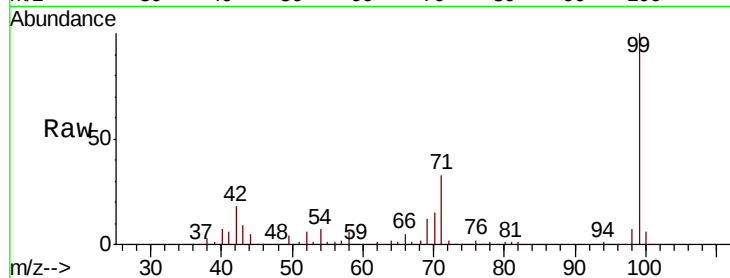
Tot Ion: 99 Resp: 248670

Ion Ratio Lower Upper

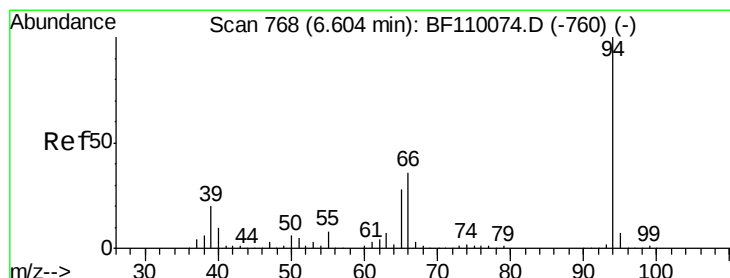
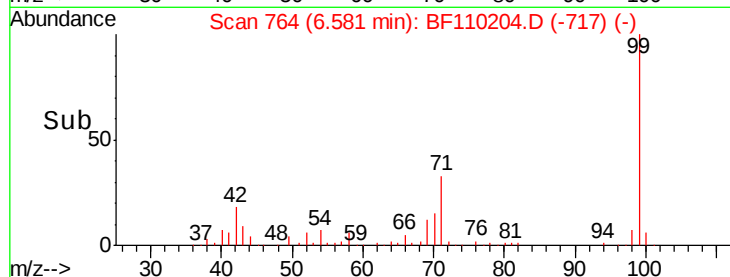
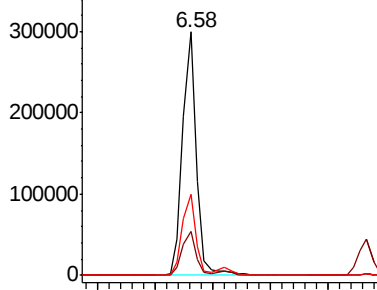
99 100

42 18.1 15.8 23.6

71 33.1 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



#10

Phenol

Concen: 4.161 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

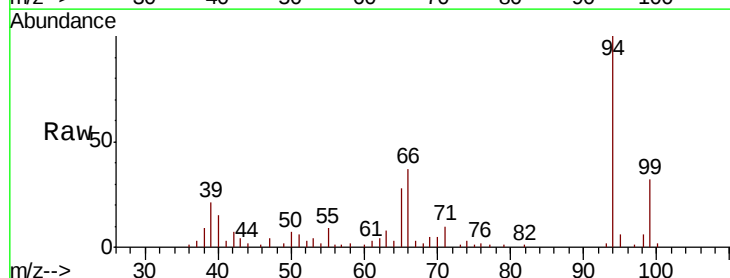
Tgt Ion: 94 Resp: 40996

Ion Ratio Lower Upper

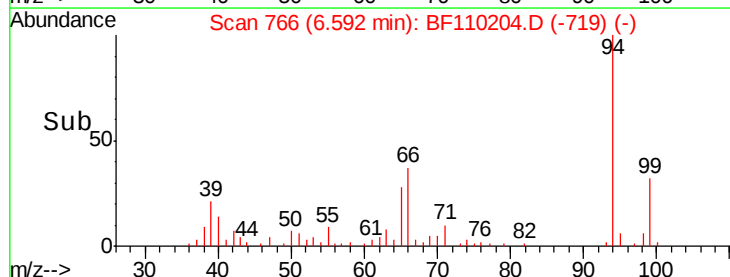
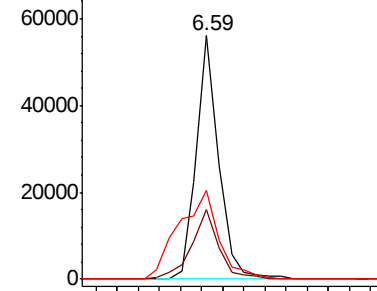
94 100

65 28.4 25.3 65.3

66 36.6 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

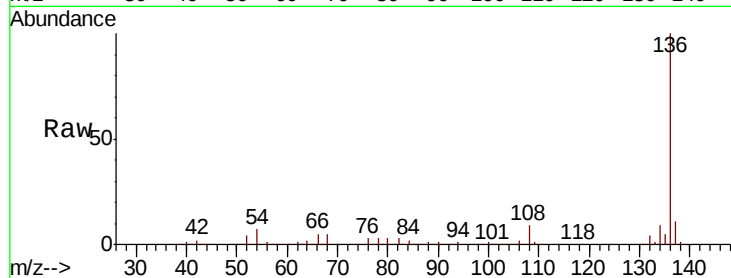




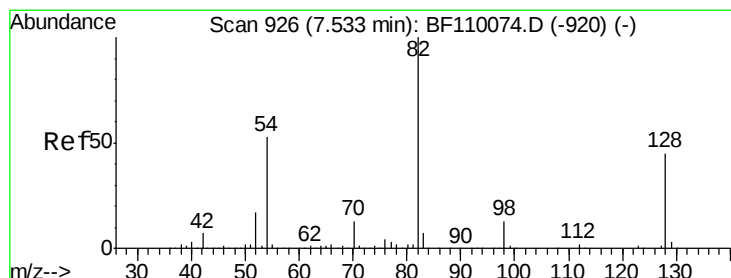
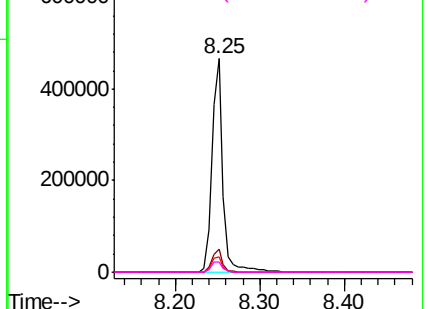
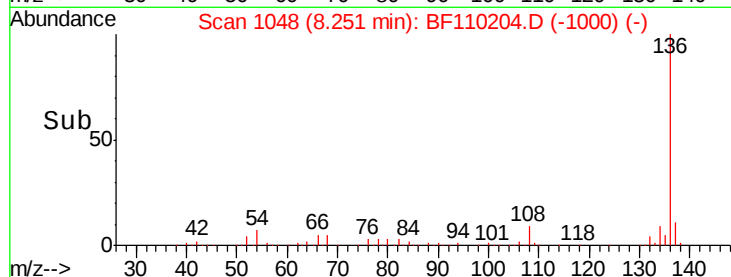
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-M

Tot Ion:136	Resp:	430064
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.5	5.4 8.2
68	5.1	4.2 6.2

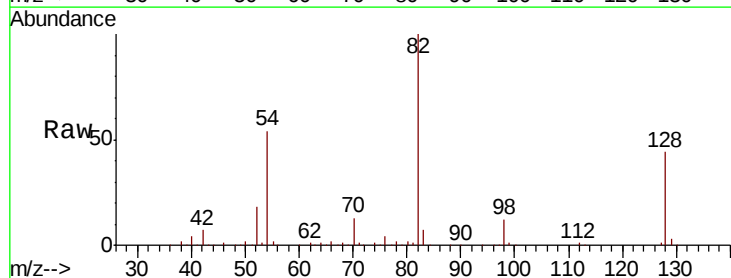


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

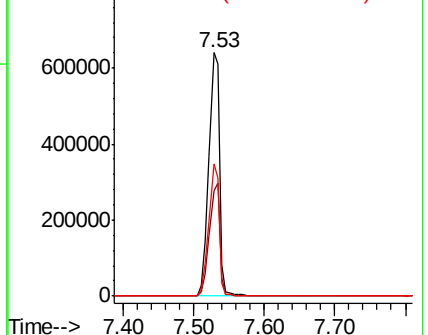
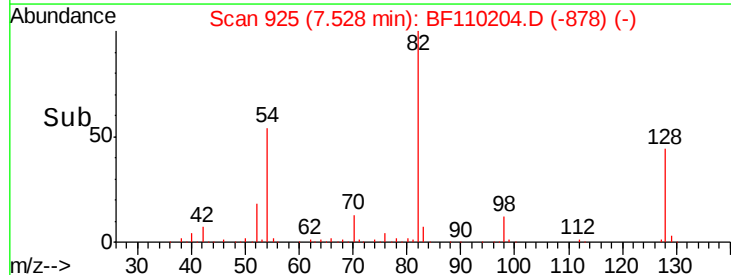


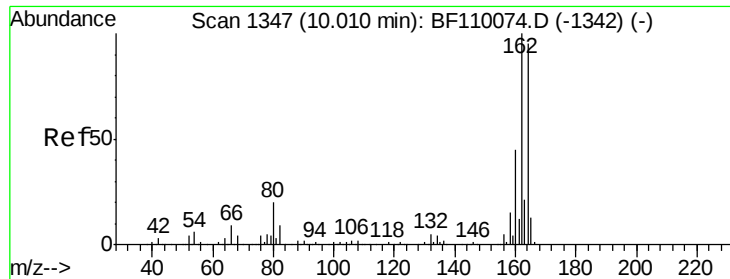
#23
Nitrobenzene-d5
Concen: 93.937 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Tgt Ion: 82	Resp:	681112
Ion Ratio	Lower	Upper
82	100	
128	43.5	34.2 51.2
54	54.1	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-M

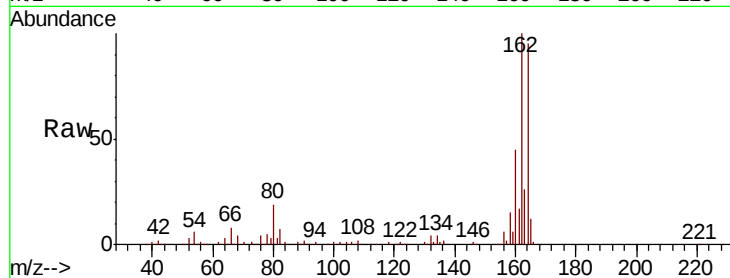
Tot Ion:164 Resp: 175600

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

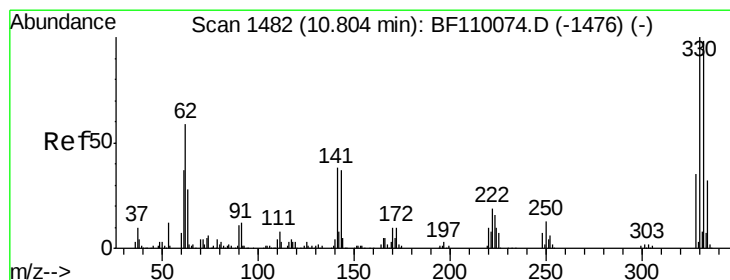
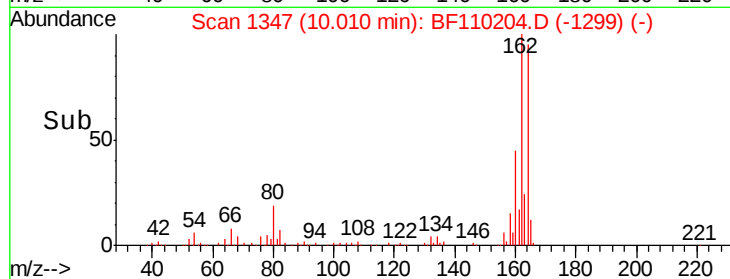
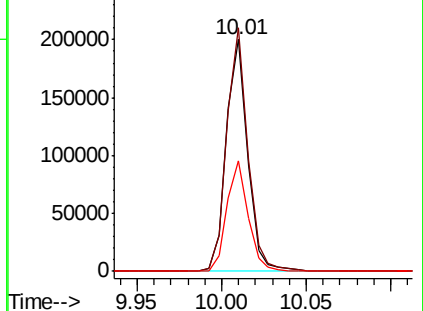
160 47.7 37.0 55.6



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: 75.289 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

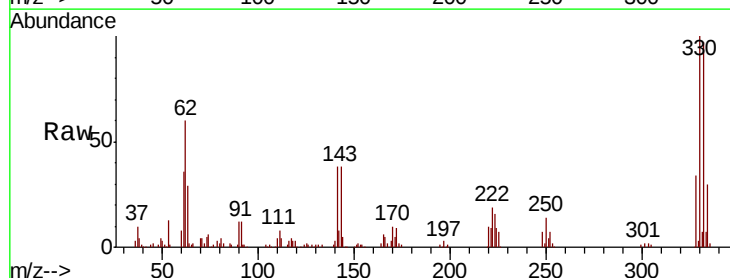
Tgt Ion:330 Resp: 130960

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

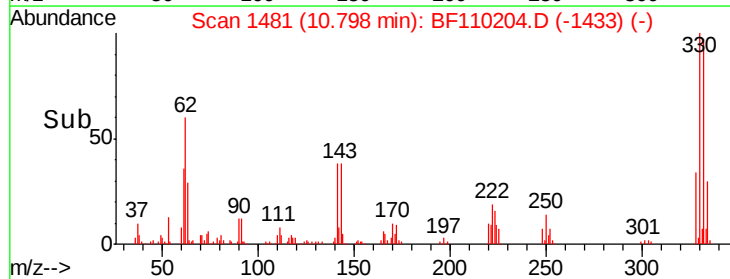
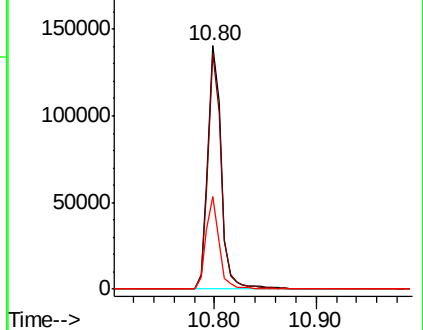
141 36.3 27.0 40.4

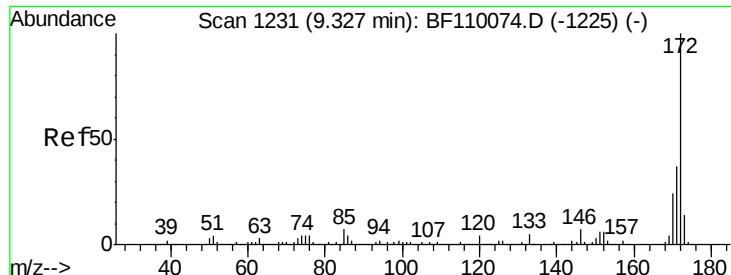


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



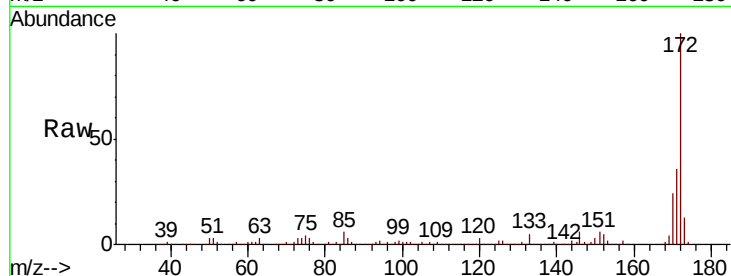


#45
 2-Fluorobiphenyl
 Concen: 101.895 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

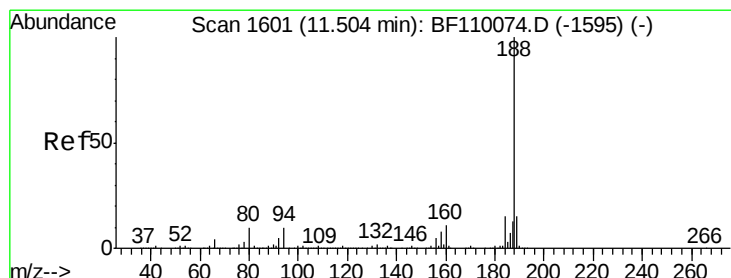
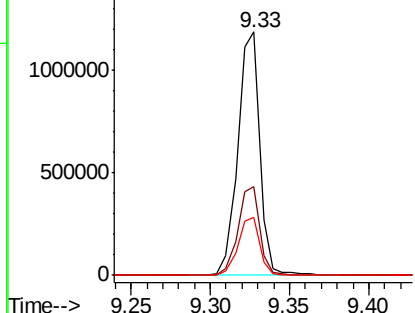
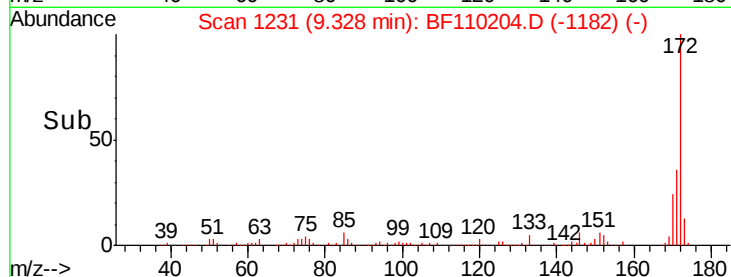
Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Tot Ion:172 Resp: 1139475

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.7	19.7	29.5



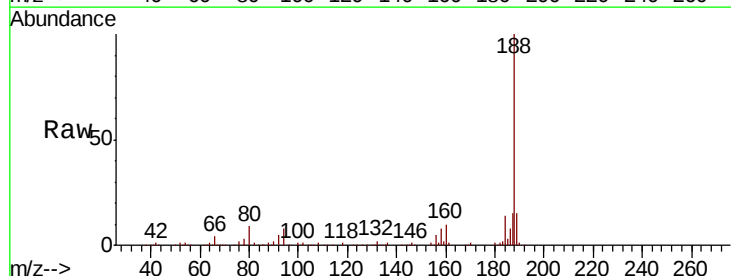
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



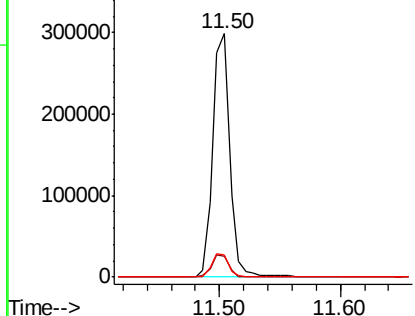
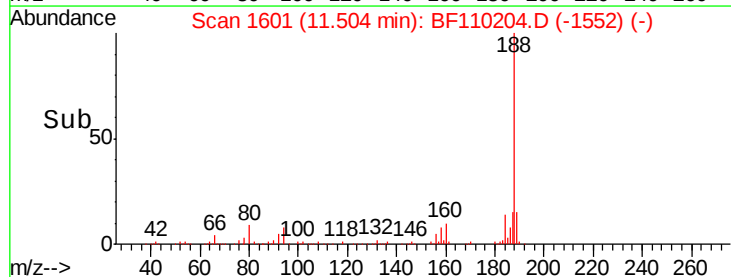
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

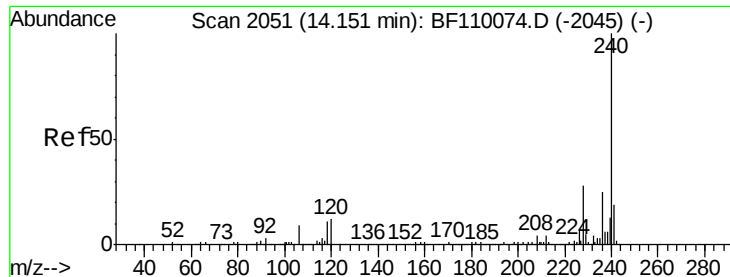
Tgt Ion:188 Resp: 289023

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.2	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

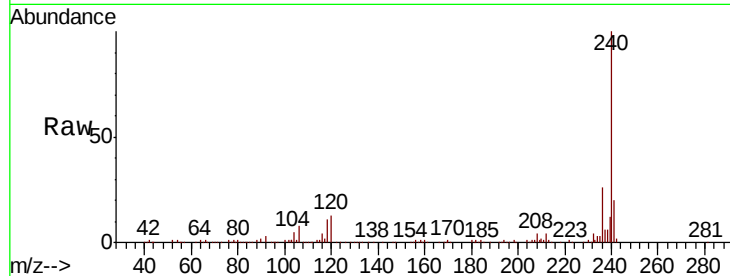




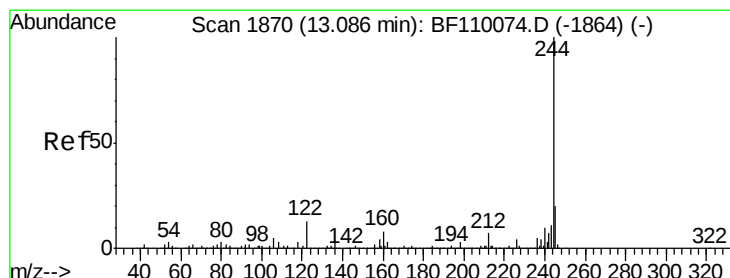
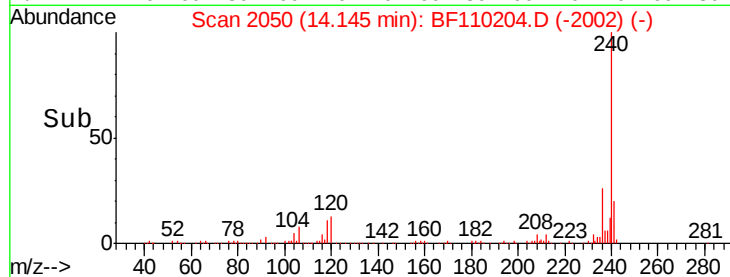
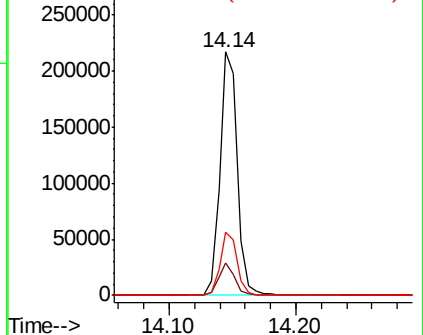
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Tot Ion:240 Resp: 207836
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.3 12.5#
 236 25.8 21.2 31.8

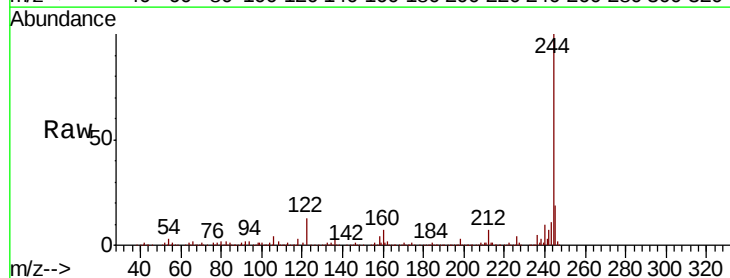


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

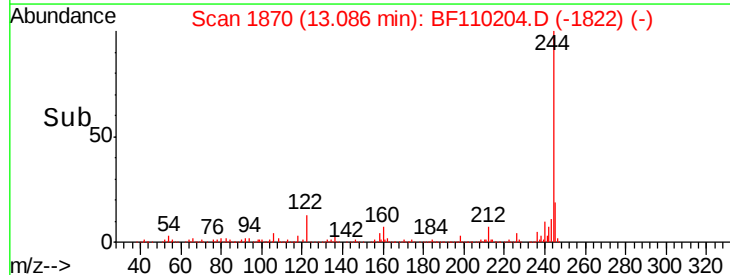
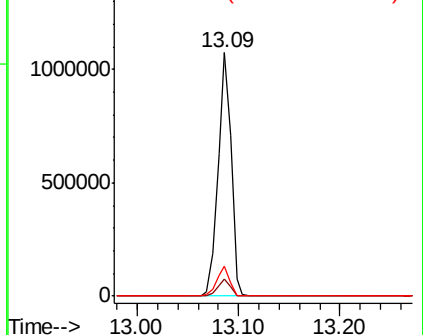


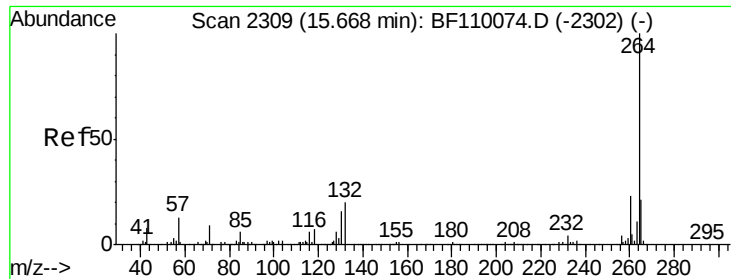
#79
 Terphenyl-d14
 Concen: 95.889 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Tgt Ion:244 Resp: 958271
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.1	16.7	25.1

