

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110355.D
 Acq On : 1 Nov 2018 2:24
 Operator : JU/SJ
 Sample : J5731-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-D-M

Quant Time: Nov 01 05:28:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

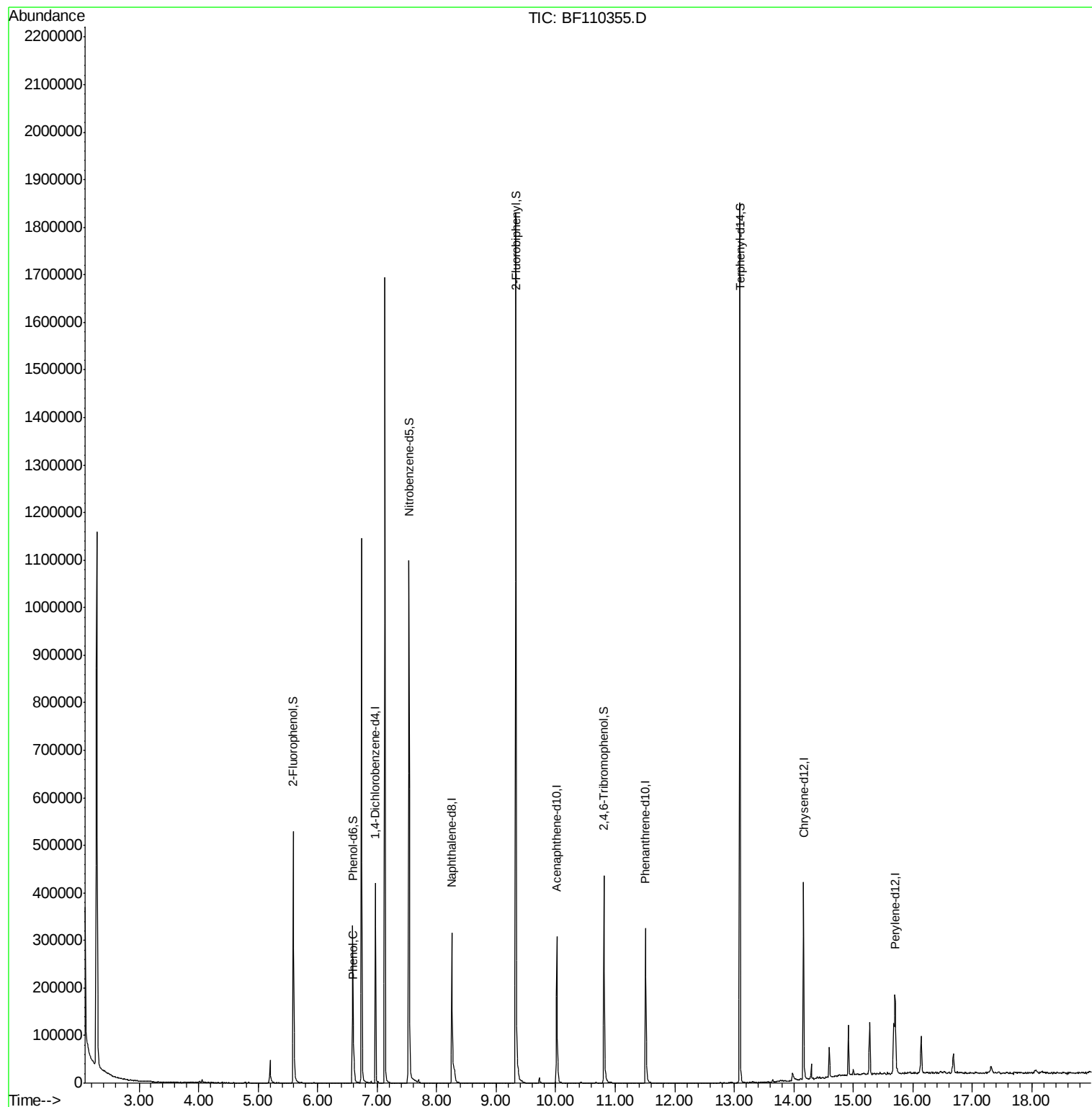
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	59357	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	203402	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	75605	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	141608	20.00	ng	0.00
76) Chrysene-d12	14.16	240	151521	20.00	ng	0.00
87) Perylene-d12	15.70	264	90434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	158775	43.56	ng	0.00
7) Phenol-d6	6.59	99	114065	24.47	ng	-0.02
23) Nitrobenzene-d5	7.53	82	361301	105.36	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	64684	86.37	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	590427	122.63	ng	0.00
79) Terphenyl-d14	13.09	244	598578	82.16	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	16319	3.275	ng	Qvalue # 69

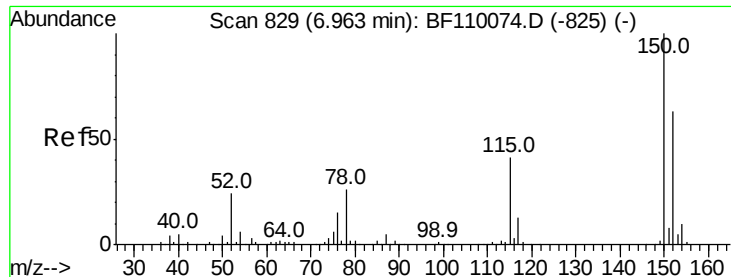
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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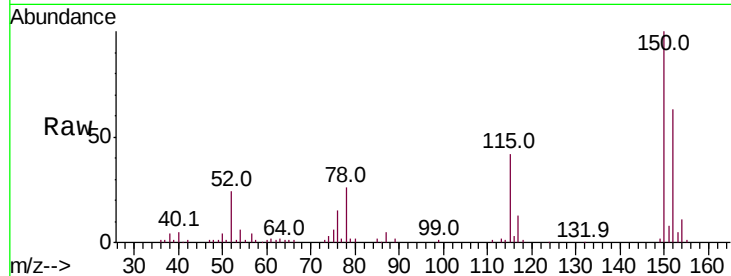


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.7	184.1
115	66.6	49.1	73.7

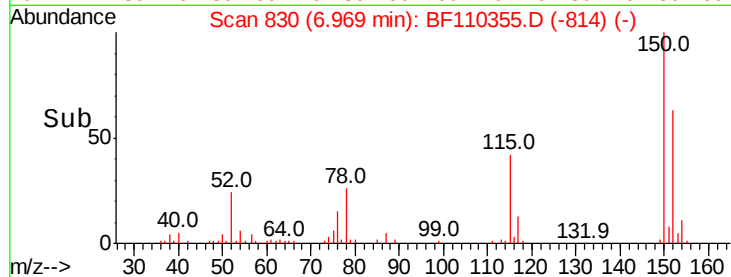
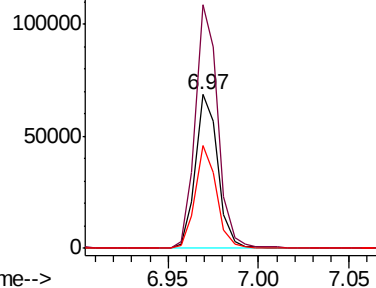


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

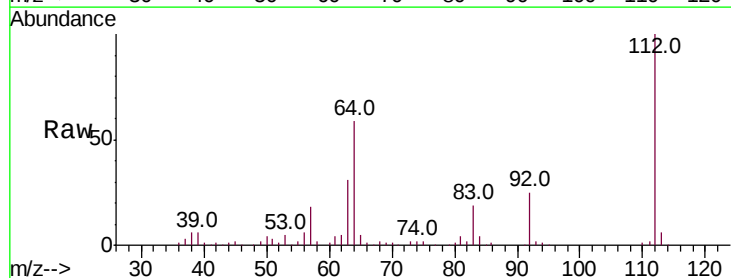
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.560 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	31.2	23.7	35.5

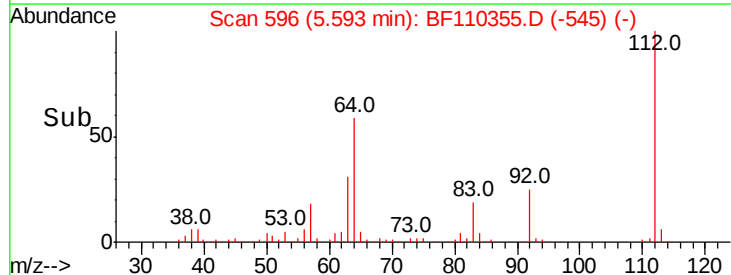
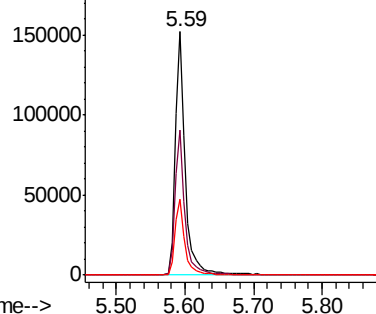


Abundance

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: 24.466 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-D-M

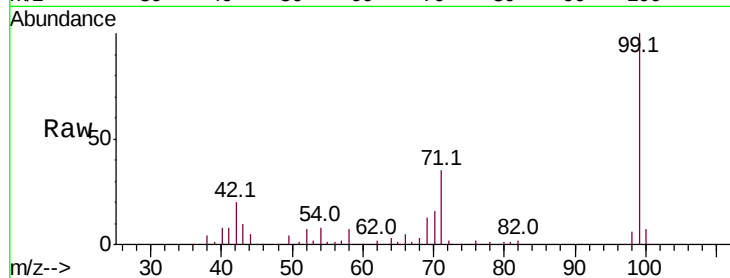
Tot Ion: 99 Resp: 114065

Ion Ratio Lower Upper

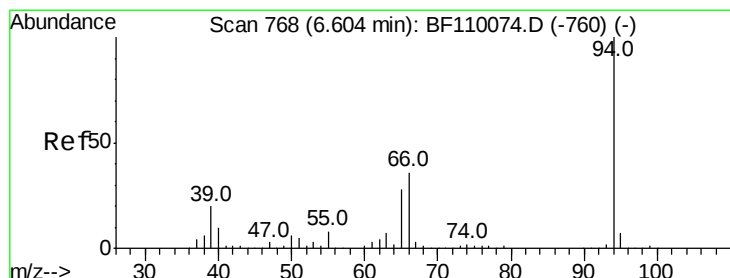
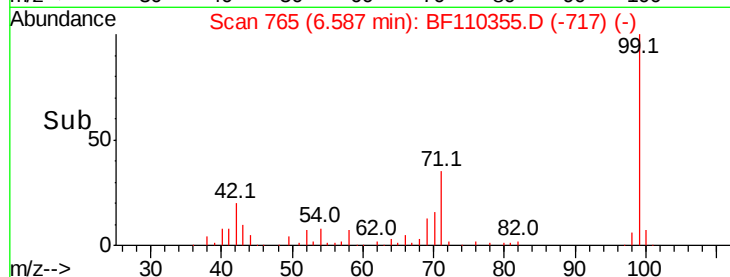
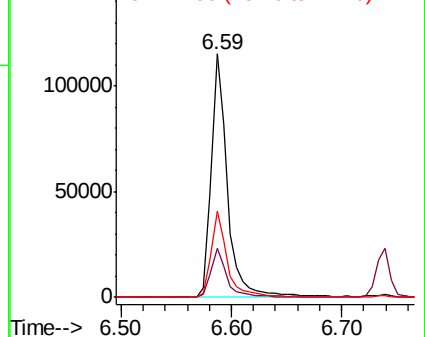
99 100

42 20.0 15.8 23.6

71 35.5 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: 3.275 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

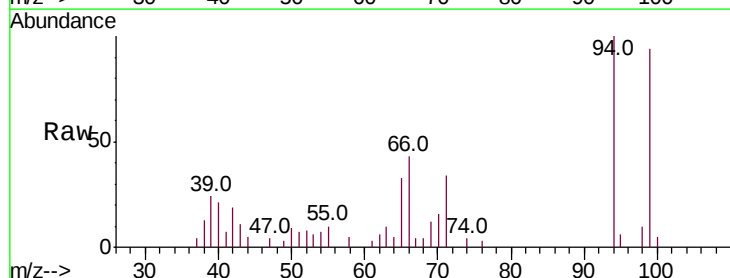
Tgt Ion: 94 Resp: 16319

Ion Ratio Lower Upper

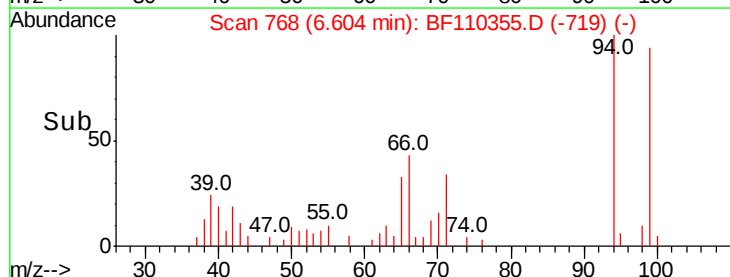
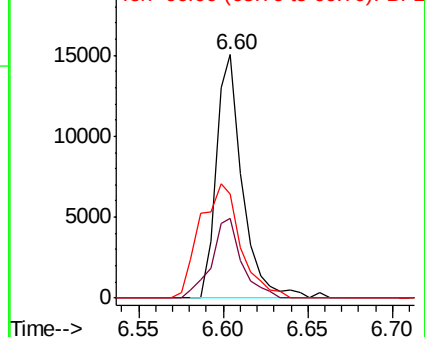
94 100

65 32.6 25.3 65.3

66 42.9 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

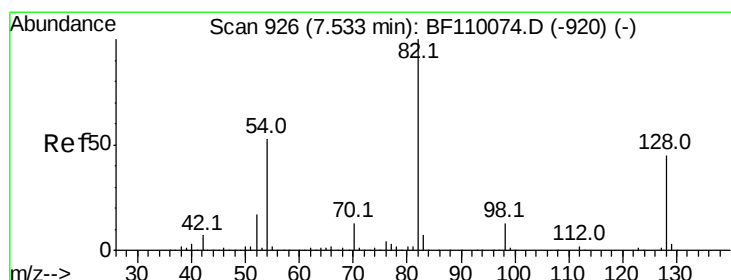
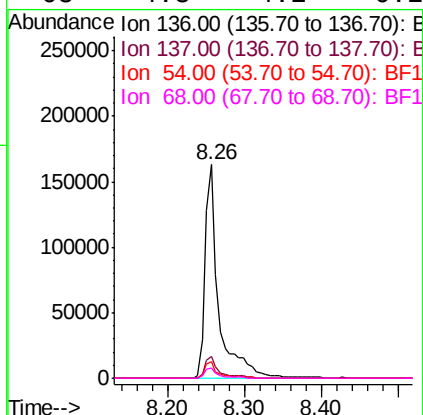
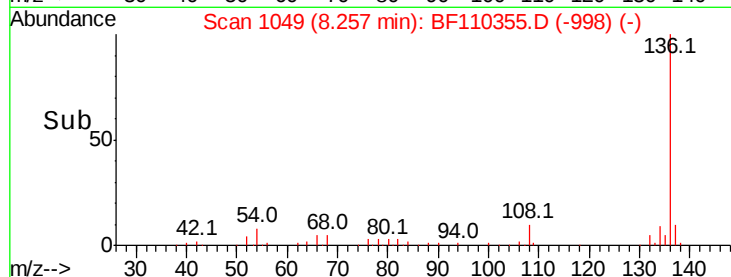
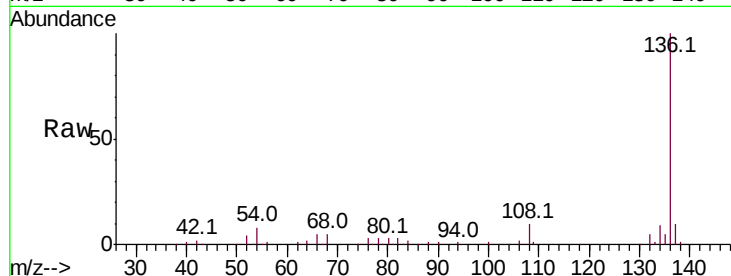




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

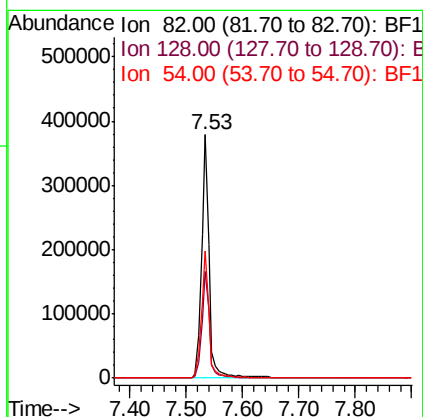
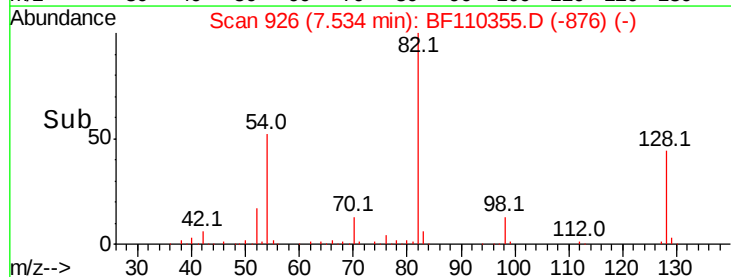
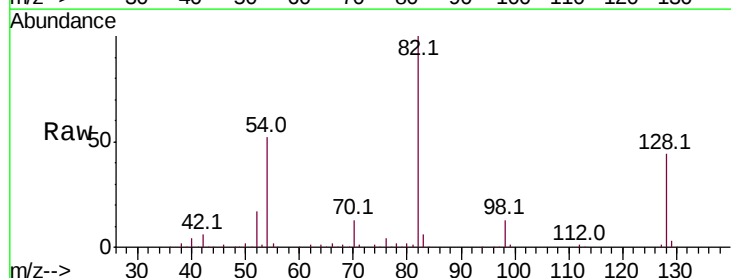
Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-D-M

Tot Ion:	136	Resp:	203402
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.7	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 105.357 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Tgt Ion:	82	Resp:	361301
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	52.3	38.6	58.0

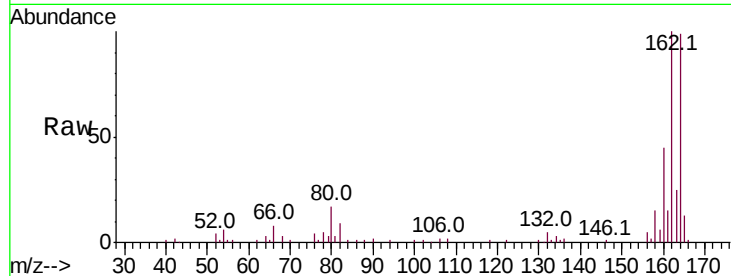




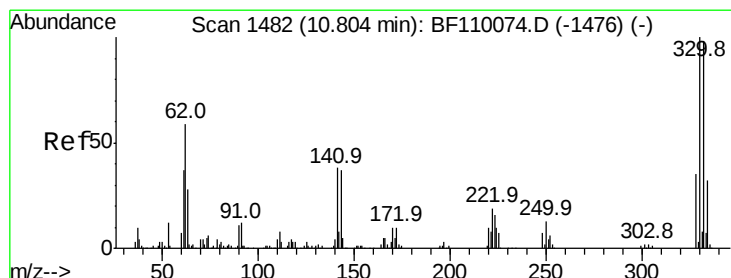
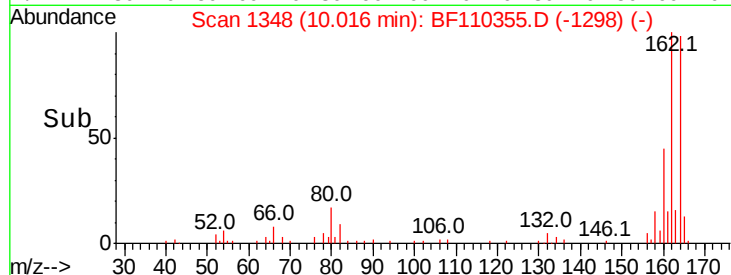
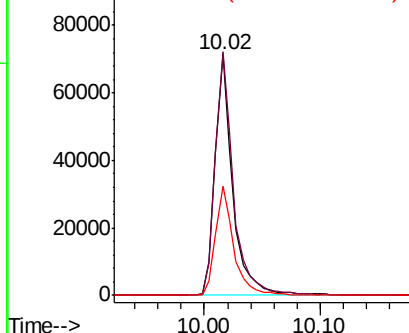
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-D-M

Tot Ion:164 Resp: 75605
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 45.5 37.0 55.6

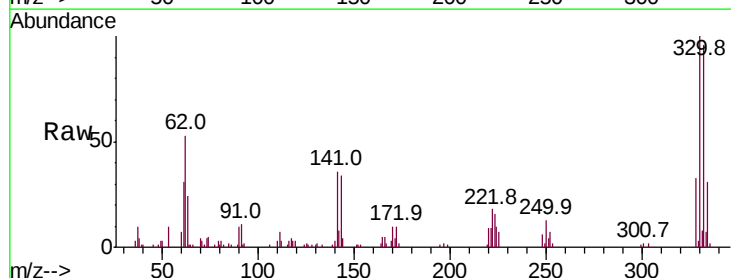


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

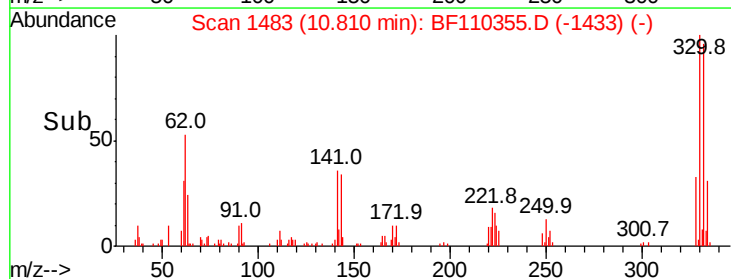
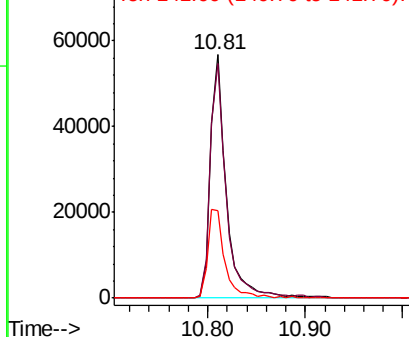


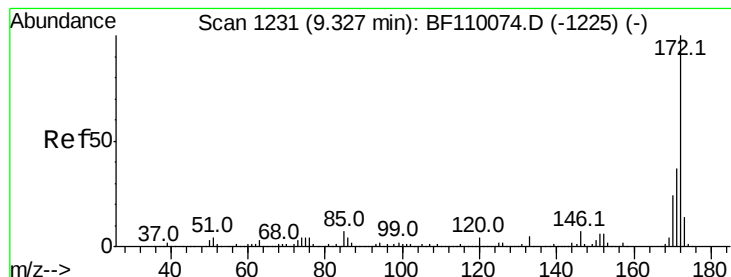
#42
2,4,6-Tribromophenol
Concen: 86.370 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110355.D
Acq: 1 Nov 2018 2:24

Tgt Ion:330 Resp: 64684
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 38.6 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: 122.627 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-D-M

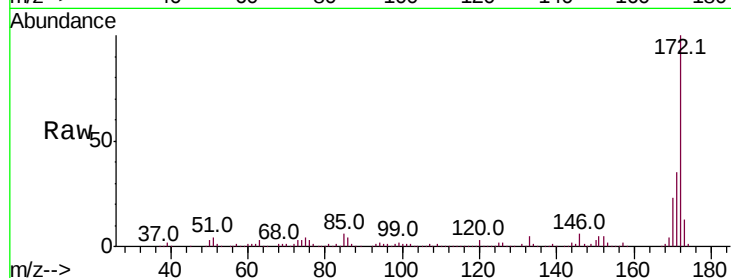
Tot Ion:172 Resp: 590427

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

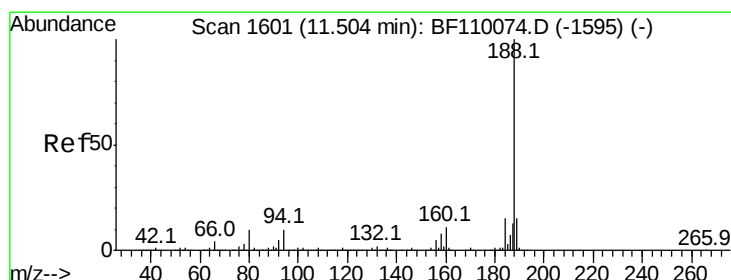
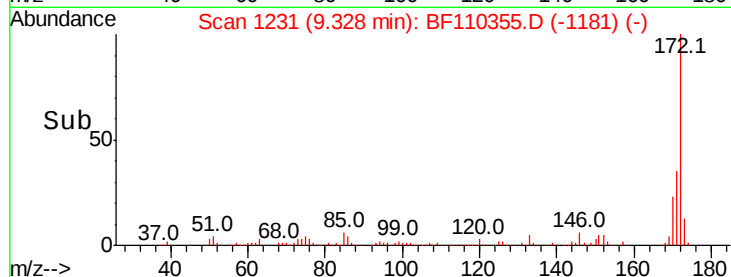
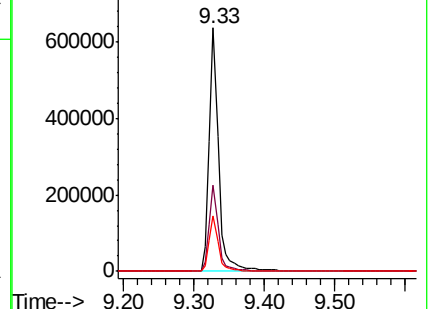
170 22.7 19.7 29.5



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: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

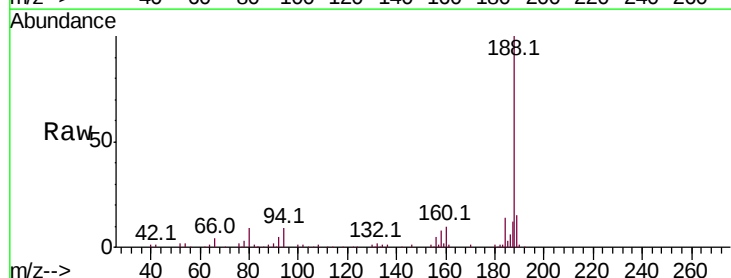
Tgt Ion:188 Resp: 141608

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

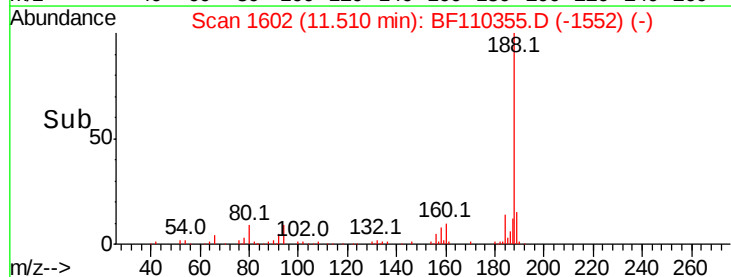
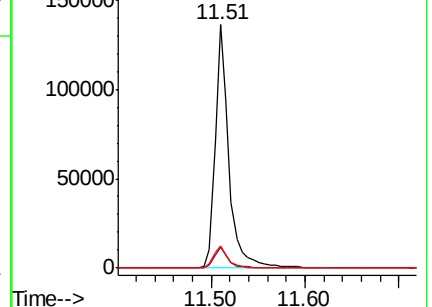
80 9.1 7.9 11.9

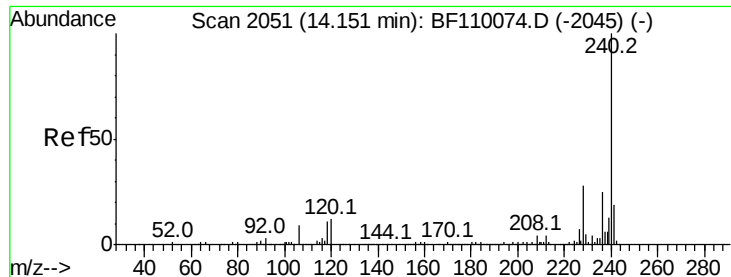


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

Instrument :

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ClientSampleId :

103018-DBRI-E-D-M

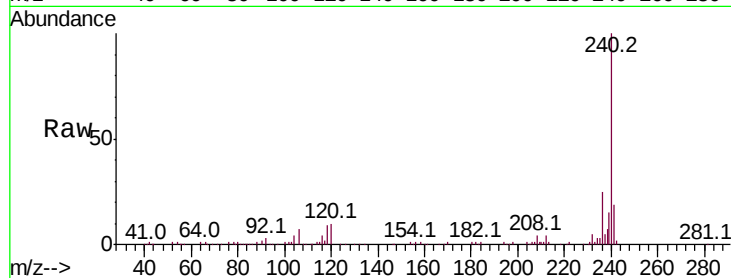
Tot Ion:240 Resp: 151521

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

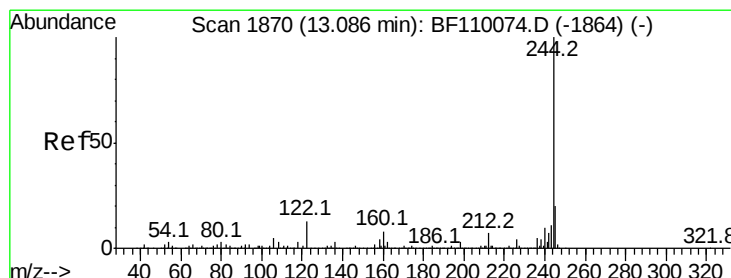
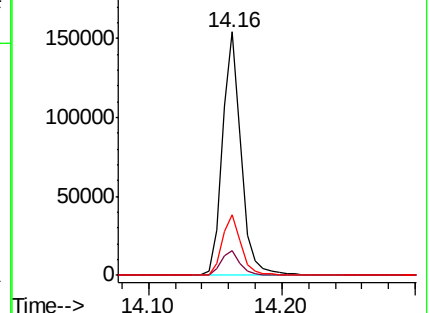
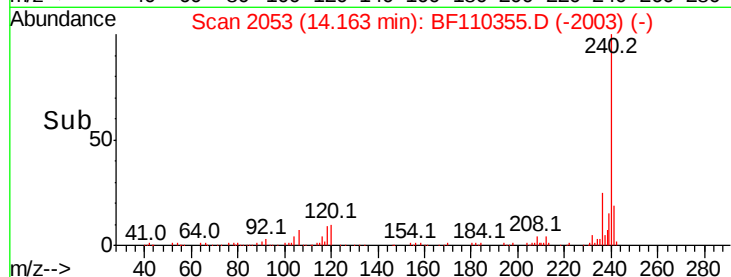
236 24.8 21.2 31.8



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: 82.158 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110355.D

Acq: 1 Nov 2018 2:24

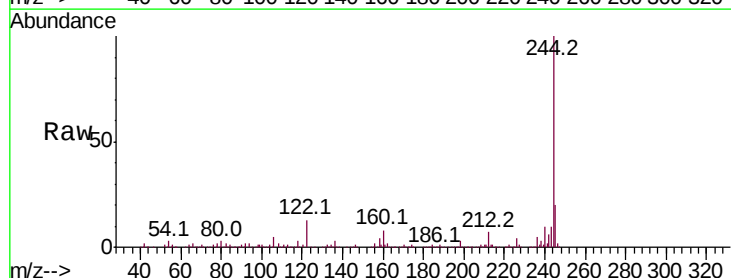
Tgt Ion:244 Resp: 598578

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

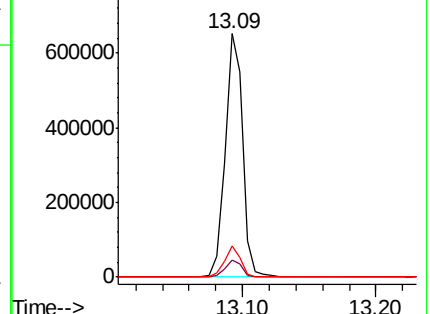
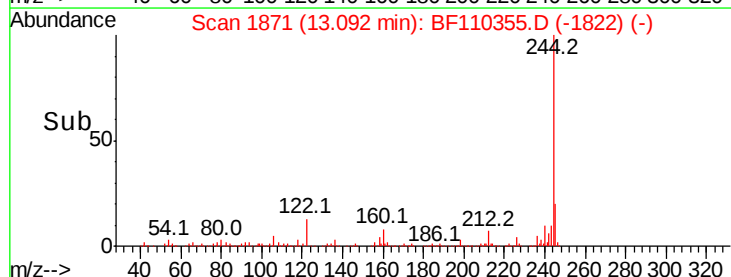
122 13.0 8.7 13.1

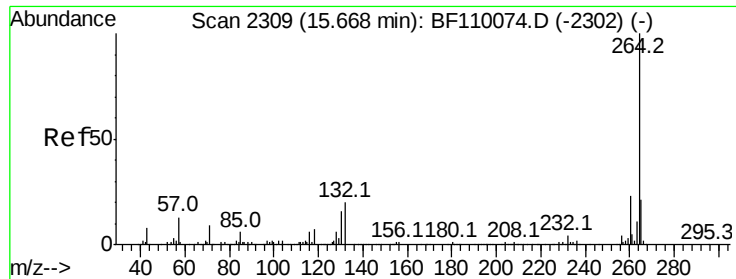


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF110355.D
 Acq: 1 Nov 2018 2:24

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.6	16.7	25.1

