

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110359.D
 Acq On : 1 Nov 2018 4:13
 Operator : JU/SJ
 Sample : J5731-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-U-S

Quant Time: Nov 01 05:36:39 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

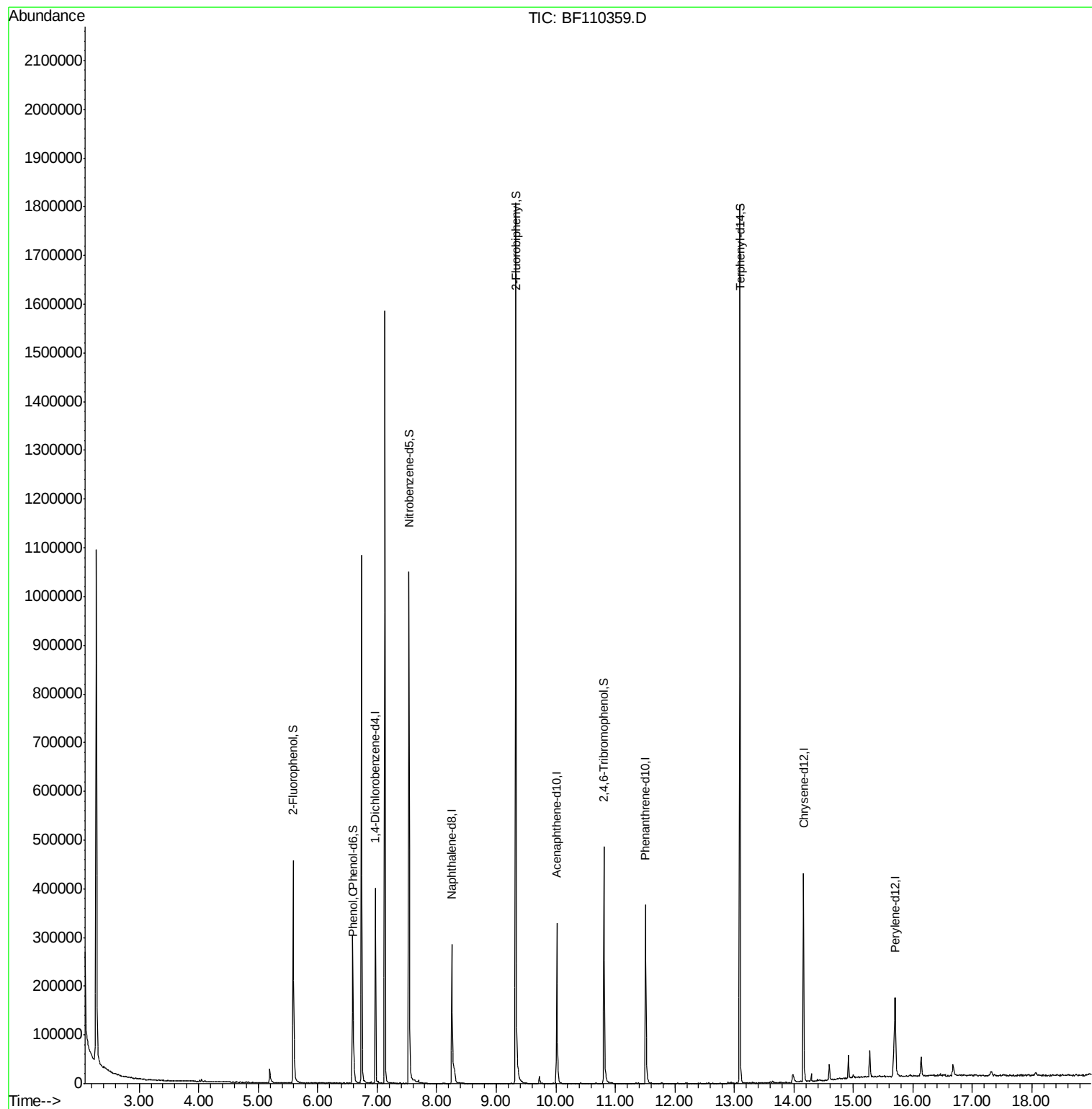
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	58143	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	196651	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	79729	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	156354	20.00	ng	0.00
76) Chrysene-d12	14.16	240	160117	20.00	ng	0.00
87) Perylene-d12	15.70	264	94977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	149529	41.88	ng	0.00
7) Phenol-d6	6.59	99	105351	23.07	ng	-0.02
23) Nitrobenzene-d5	7.53	82	341241	102.92	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	72046	91.22	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	585838	115.38	ng	0.00
79) Terphenyl-d14	13.10	244	644659	83.73	ng	0.00
Target Compounds						
10) Phenol	6.60	94	21299	4.363	ng	Qvalue # 70

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

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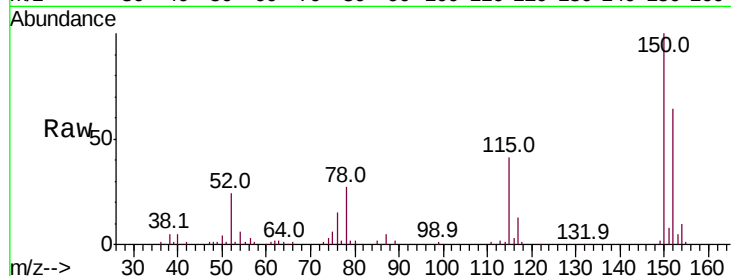


#1

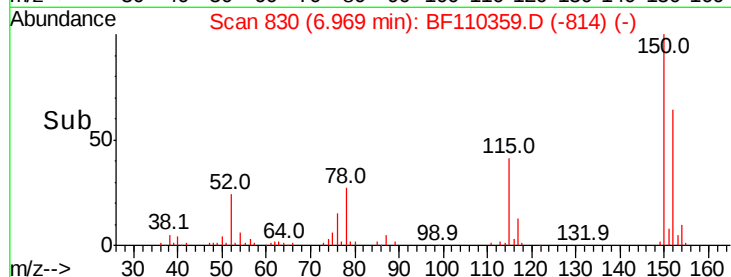
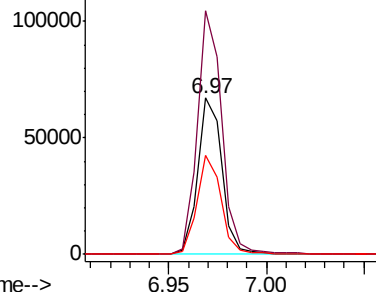
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110359.D
Acq: 1 Nov 2018 4:13

Instrument :
BNA_F
ClientSampleId :
103018-DBRI-E-U-S

Tot Ion:152 Resp: 58143
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 63.0 49.1 73.7



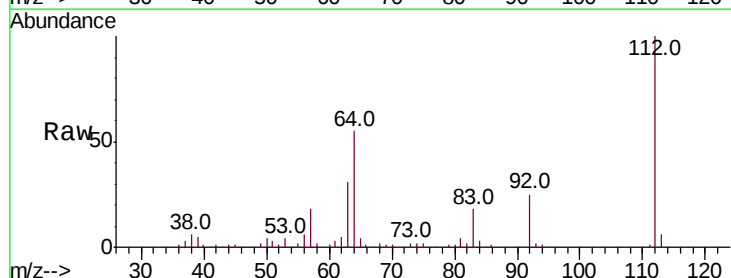
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



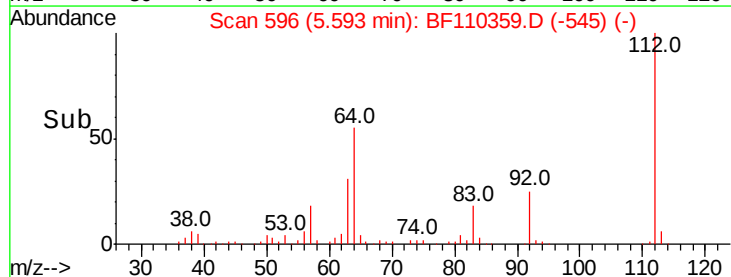
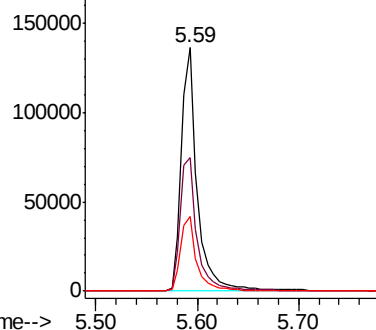
#5

2-Fluorophenol
Concen: 41.880 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110359.D
Acq: 1 Nov 2018 4:13

Tgt Ion:112 Resp: 149529
Ion Ratio Lower Upper
112 100
64 54.9 44.1 66.1
63 30.7 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: 23.069 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-U-S

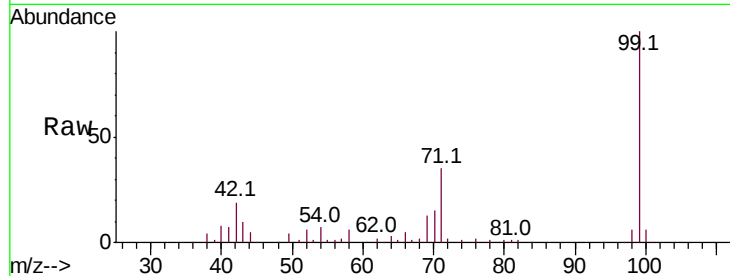
Tot Ion: 99 Resp: 105351

Ion Ratio Lower Upper

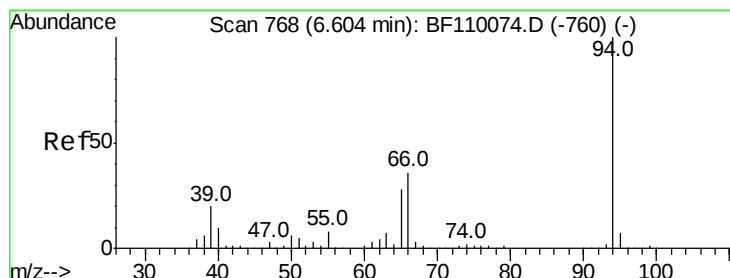
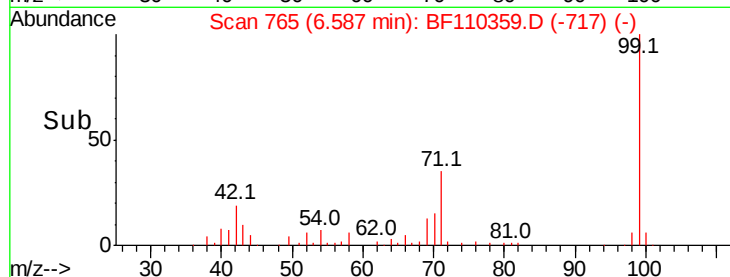
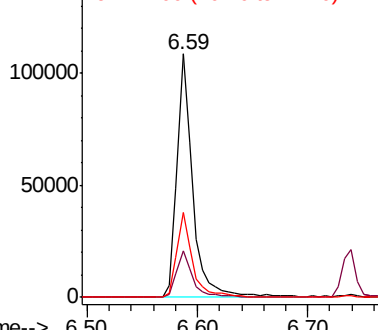
99 100

42 19.1 15.8 23.6

71 34.7 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: 4.363 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

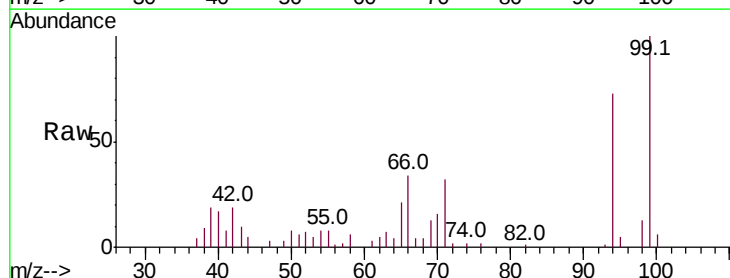
Tgt Ion: 94 Resp: 21299

Ion Ratio Lower Upper

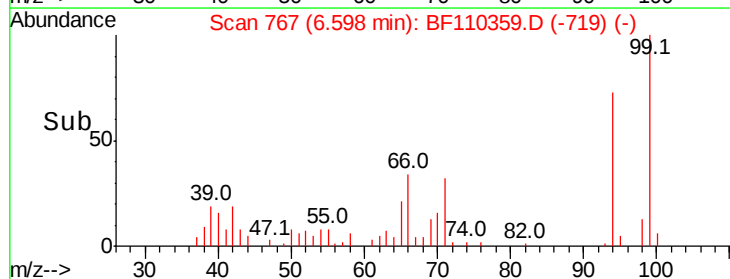
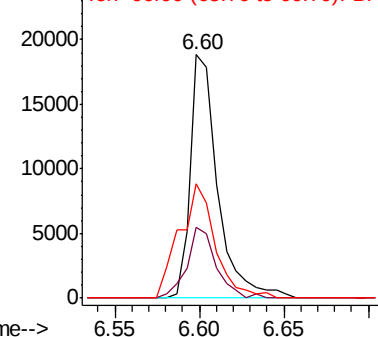
94 100

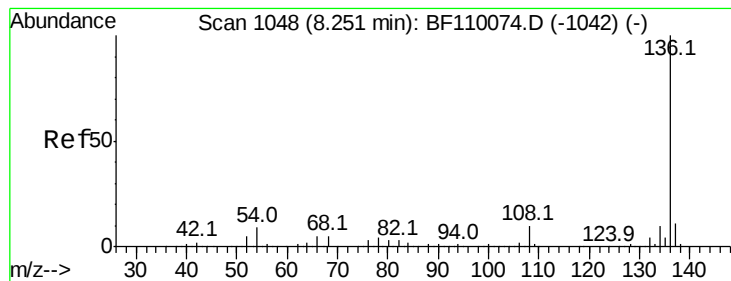
65 29.0 25.3 65.3

66 47.0 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: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-U-S

Tot Ion:136 Resp: 196651

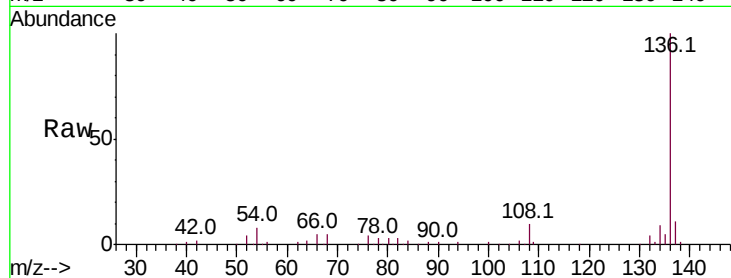
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 5.4 8.2

68 5.0 4.2 6.2

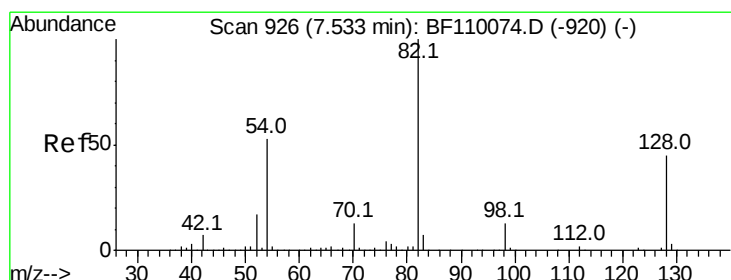
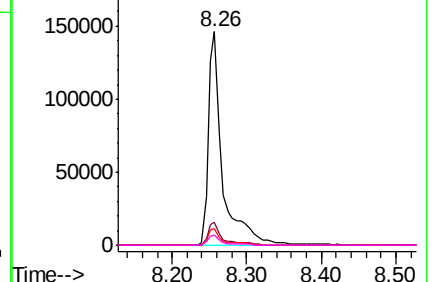
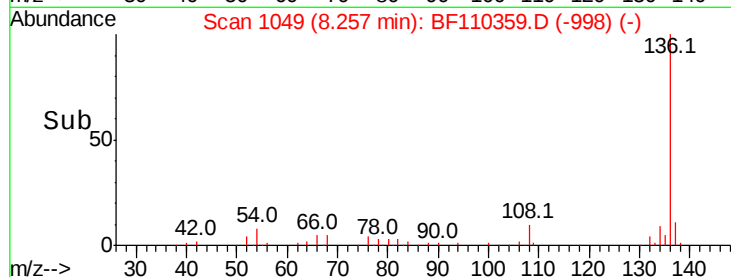


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.924 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

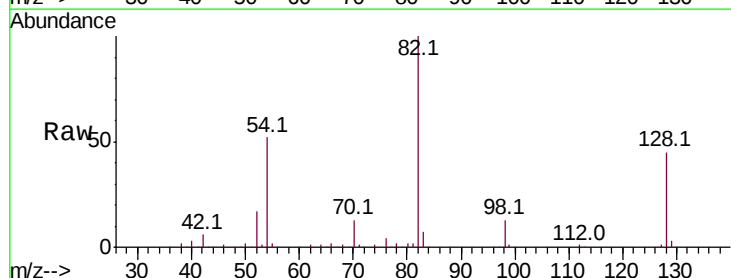
Tgt Ion: 82 Resp: 341241

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.2

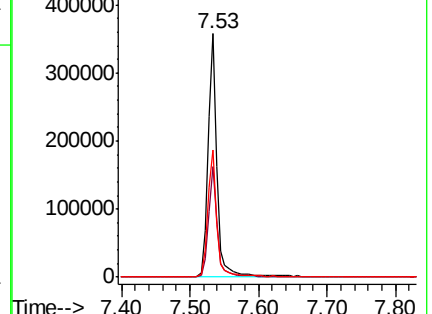
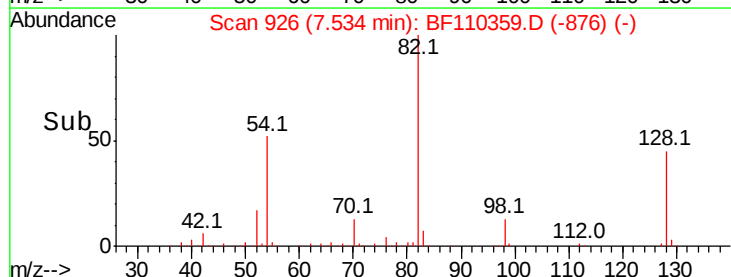
54 52.0 38.6 58.0



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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampleId :

103018-DBRI-E-U-S

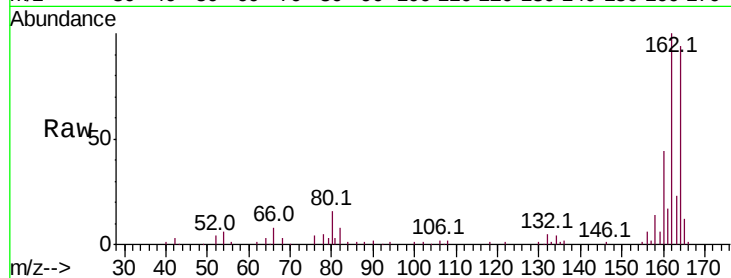
Tot Ion:164 Resp: 79729

Ion Ratio Lower Upper

164 100

162 106.5 83.0 124.6

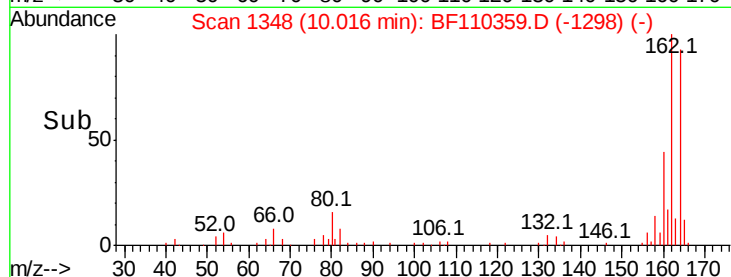
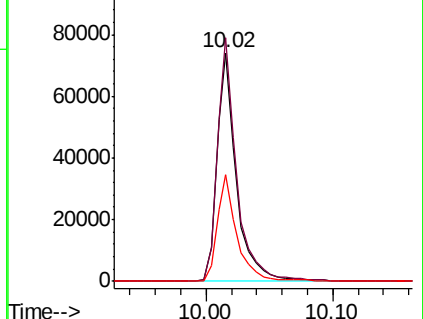
160 46.6 37.0 55.6



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: 91.224 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

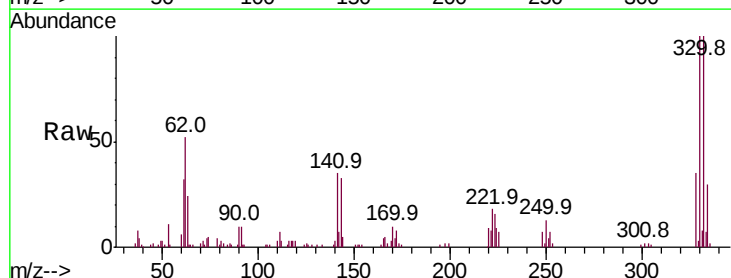
Tgt Ion:330 Resp: 72046

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

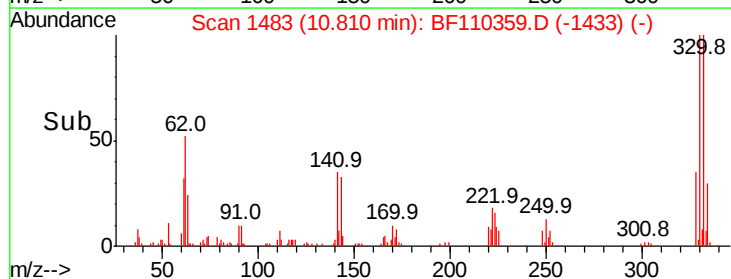
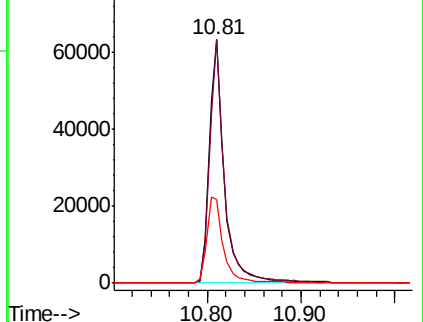
141 38.4 27.0 40.4



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

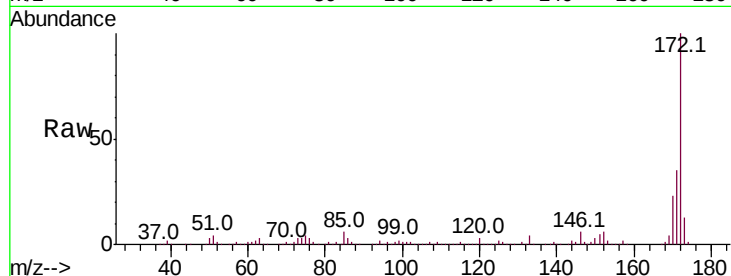




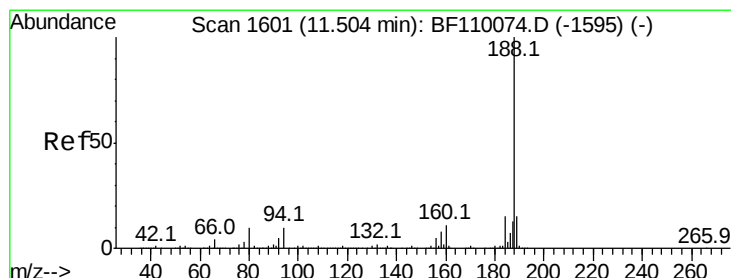
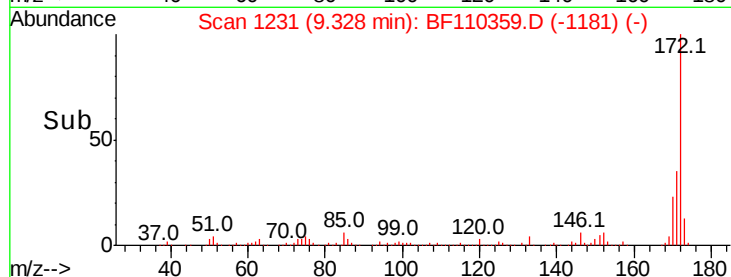
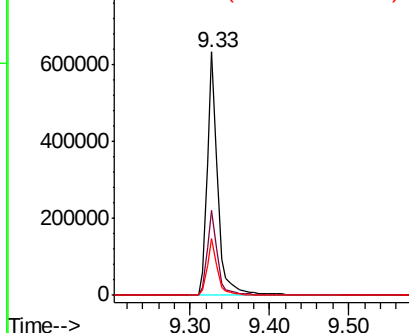
#45
 2-Fluorobiphenyl
 Concen: 115.380 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-U-S

Tot Ion:172 Resp: 585838
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.1 19.7 29.5

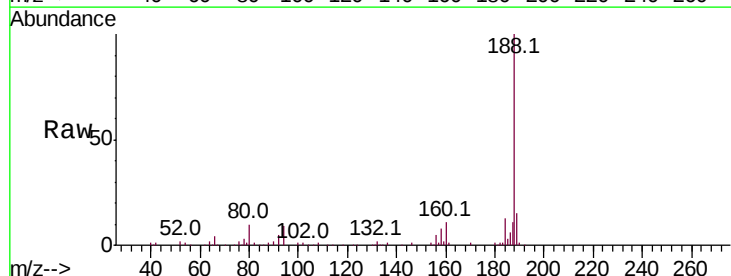


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

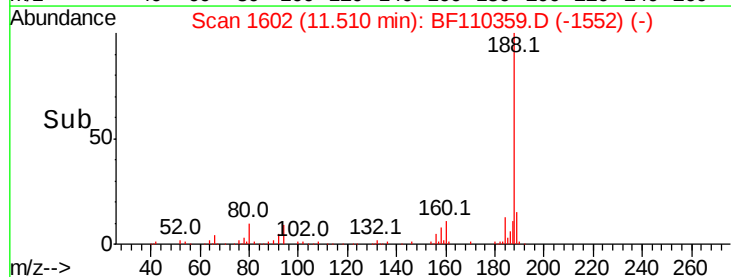
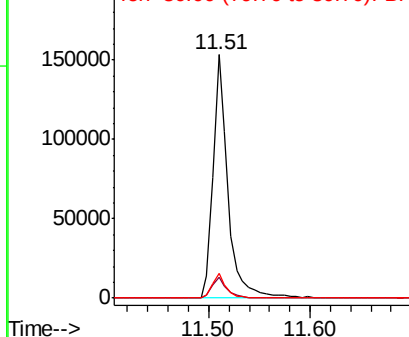


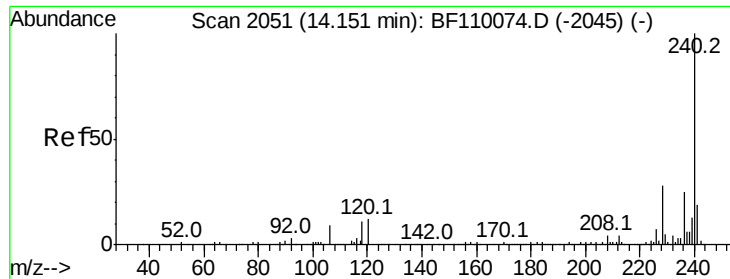
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Tgt Ion:188 Resp: 156354
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 10.0 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

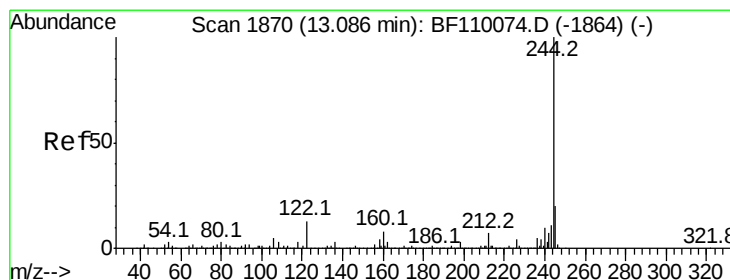
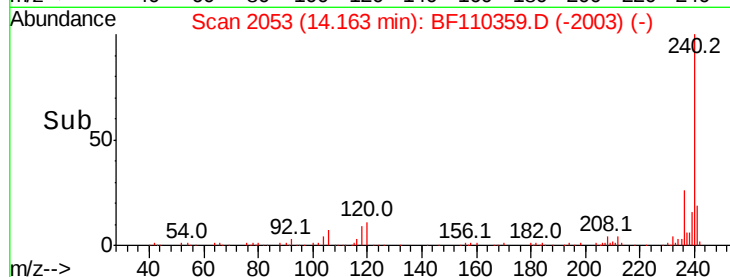
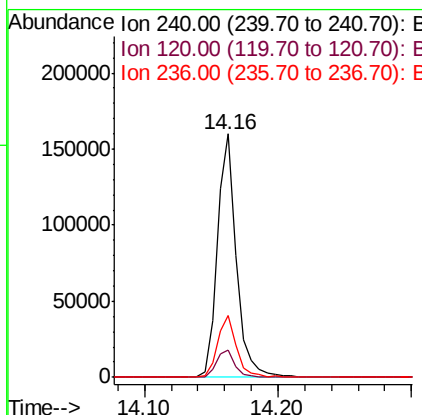
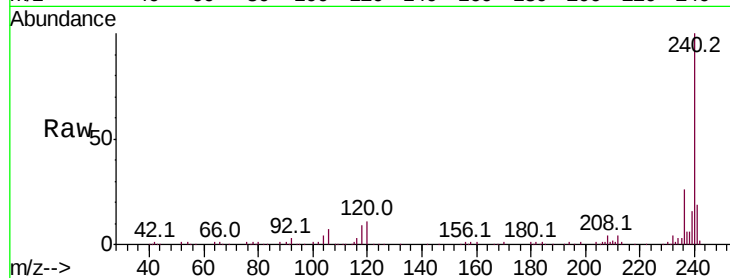




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110359.D
Acq: 1 Nov 2018 4:13

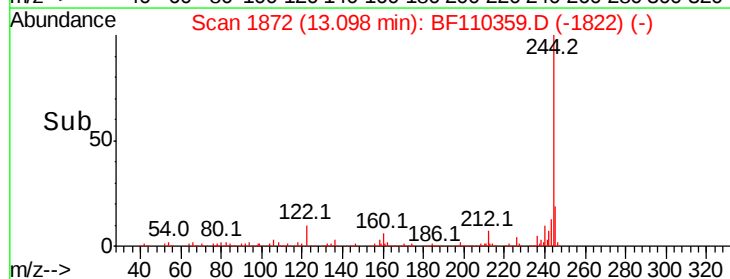
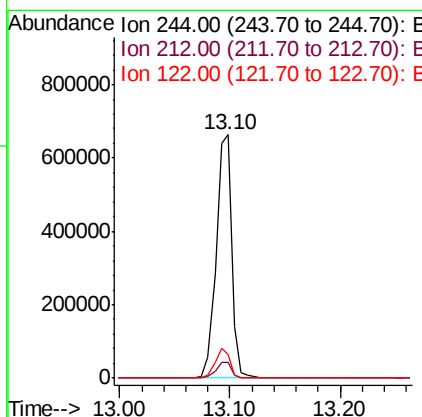
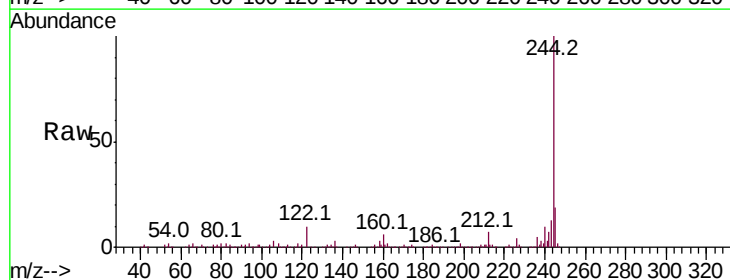
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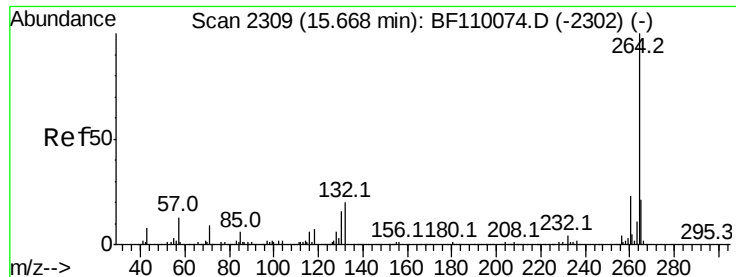
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.5	21.2	31.8



#79
Terphenyl-d14
Concen: 83.733 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF110359.D
Acq: 1 Nov 2018 4:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.9	8.7	13.1

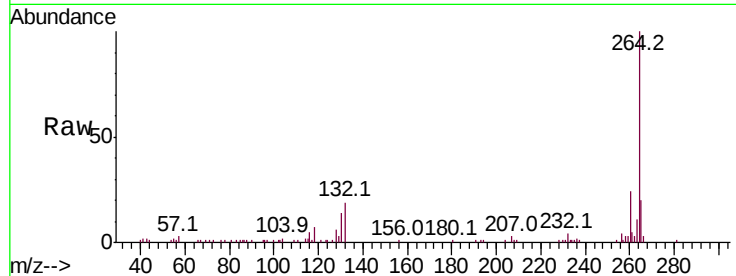




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 103018-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.5	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

