

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110446.D
 Acq On : 3 Nov 2018 8:04
 Operator : JU/SJ
 Sample : J5789-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103118-DBRI-E-U-B

Quant Time: Nov 05 03:59:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

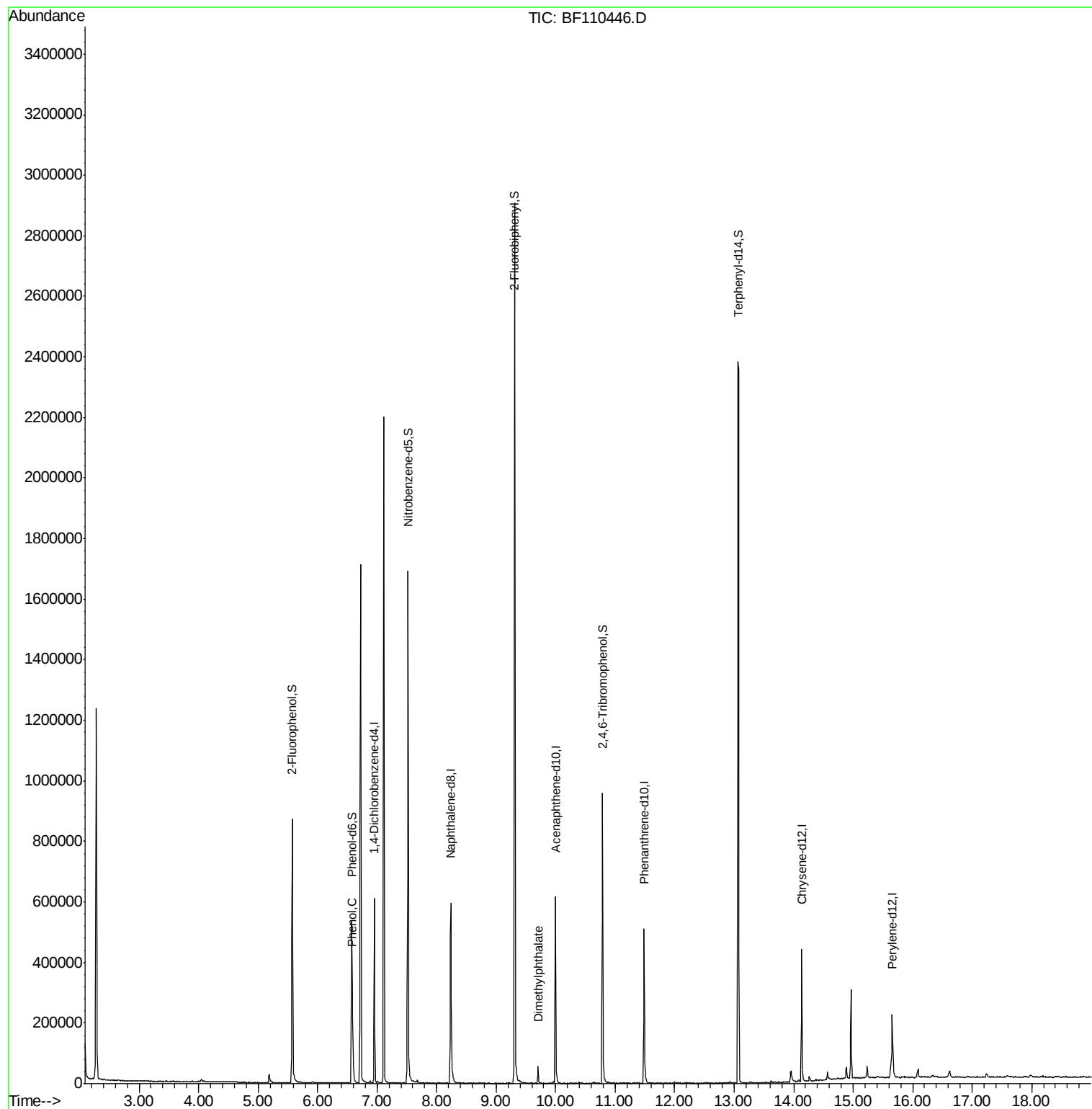
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92250	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338967	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	135724	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	231486	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158515	20.00	ng	0.00
87) Perylene-d12	15.66	264	114755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	235585	41.59	ng	0.00
7) Phenol-d6	6.57	99	178876	24.69	ng	0.00
23) Nitrobenzene-d5	7.52	82	590317	103.29	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	115572	85.96	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	988352	114.35	ng	0.00
79) Terphenyl-d14	13.07	244	872312	114.45	ng	0.00
Target Compounds						
10) Phenol	6.59	94	48549	6.268	ng	Qvalue # 63
50) Dimethylphthalate	9.70	163	28956	2.890	ng	99

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

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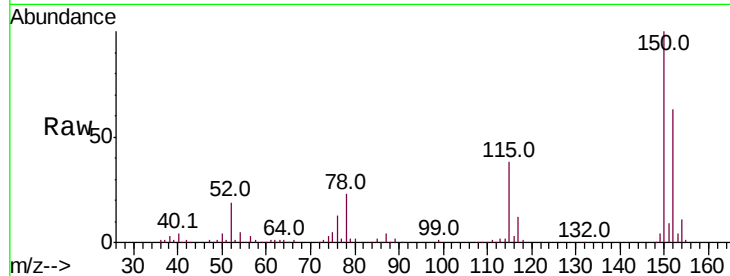


#1

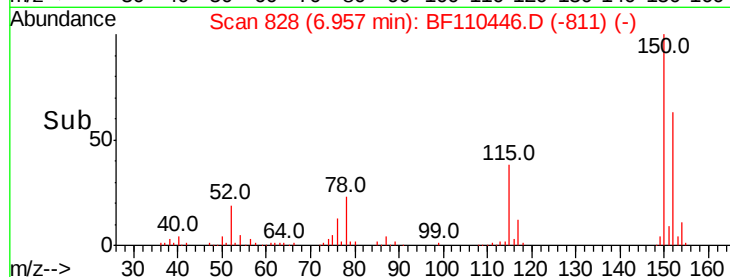
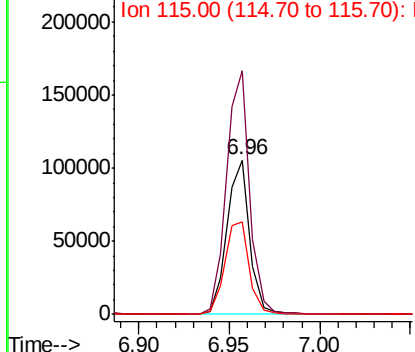
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Instrument :
BNA_F
ClientSampleId :
103118-DBRI-E-U-B

Tot Ion:152 Resp: 92250
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 60.1 49.1 73.7



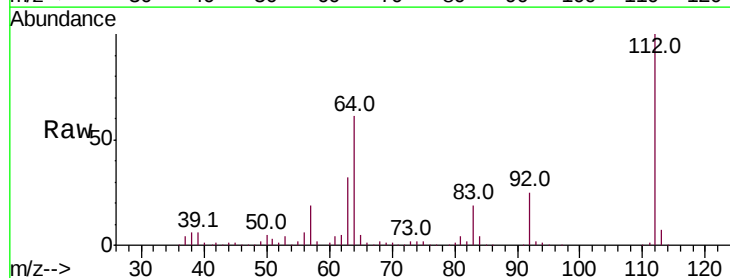
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



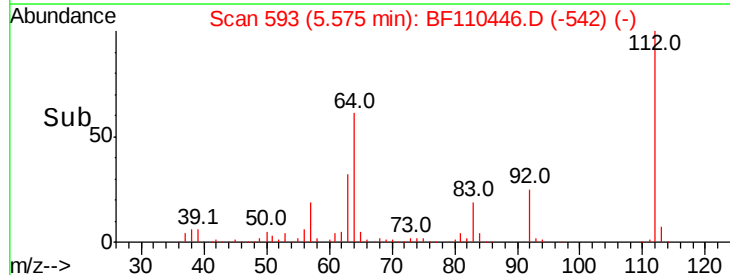
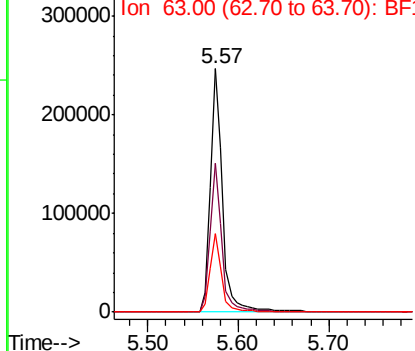
#5

2-Fluorophenol
Concen: 41.587 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Tgt Ion:112 Resp: 235585
Ion Ratio Lower Upper
112 100
64 61.0 44.1 66.1
63 32.1 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: 24.687 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

103118-DBRI-E-U-B

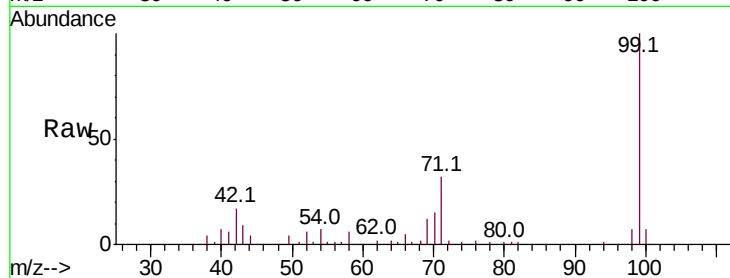
Tot Ion: 99 Resp: 178876

Ion Ratio Lower Upper

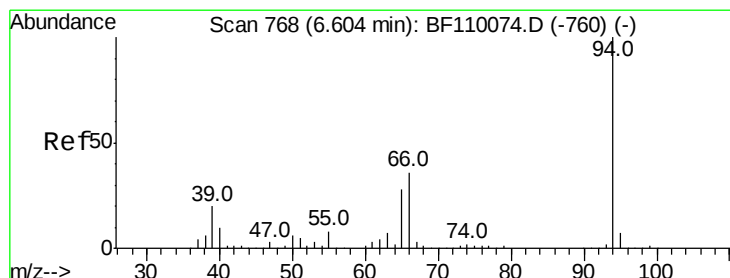
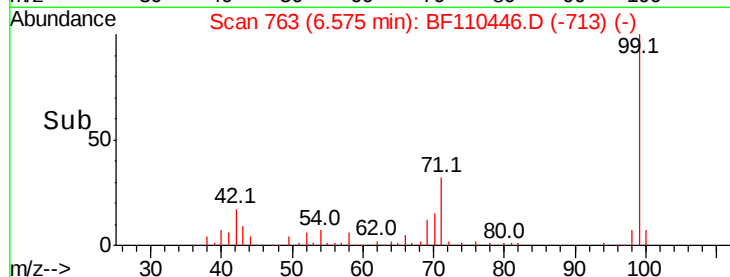
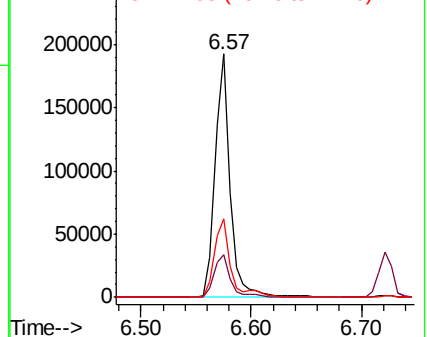
99 100

42 17.4 15.8 23.6

71 32.4 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: 6.268 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

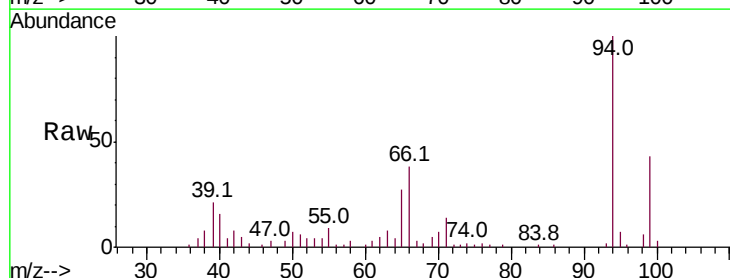
Tgt Ion: 94 Resp: 48549

Ion Ratio Lower Upper

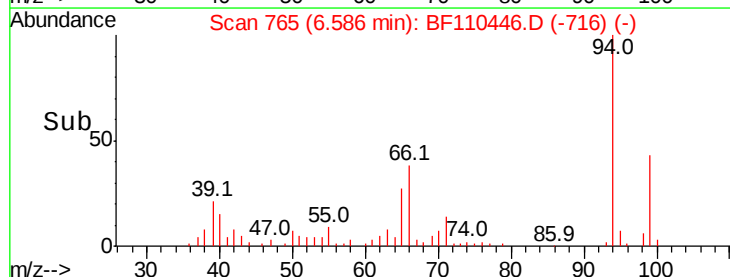
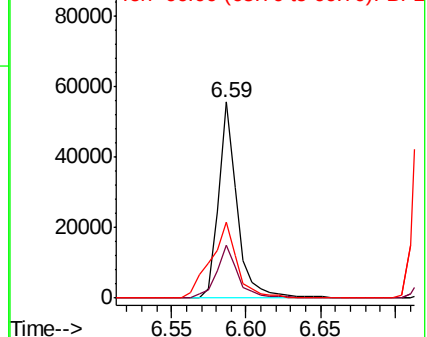
94 100

65 27.0 25.3 65.3

66 38.5 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

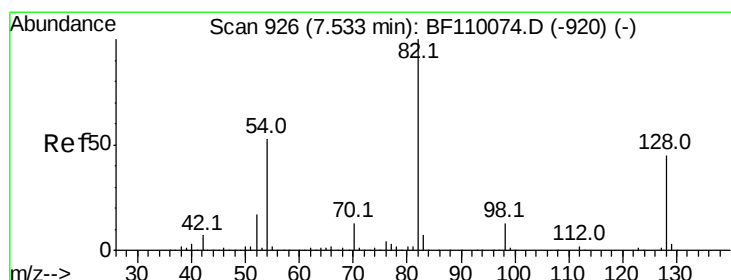
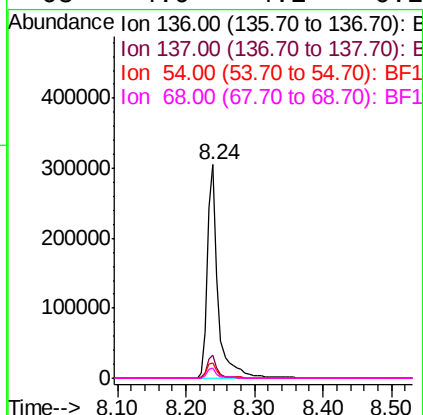
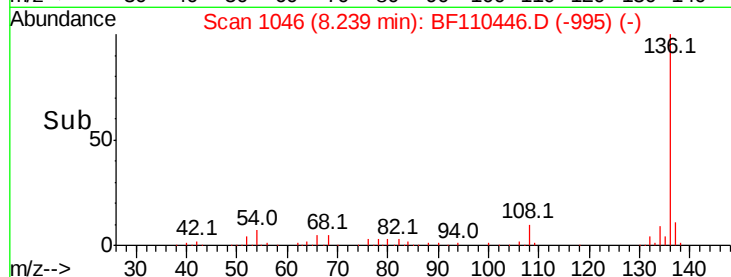
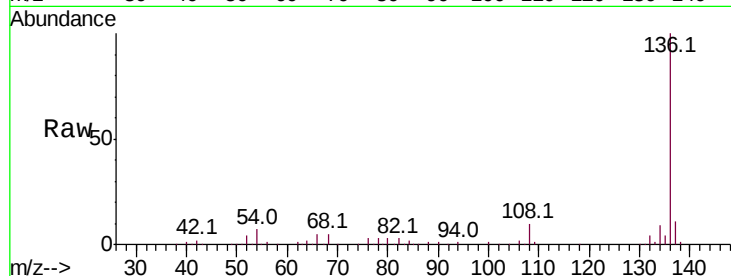




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

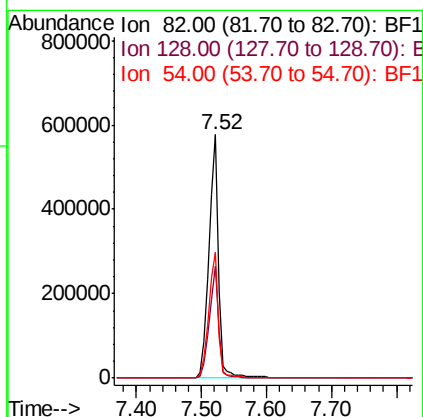
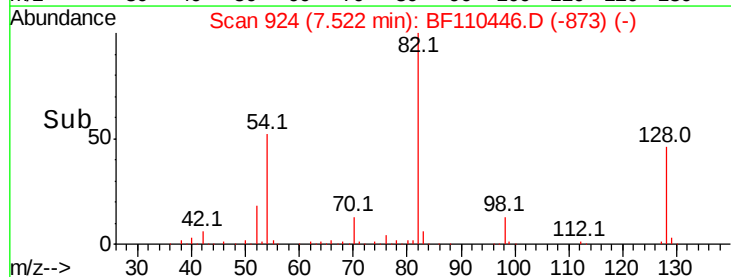
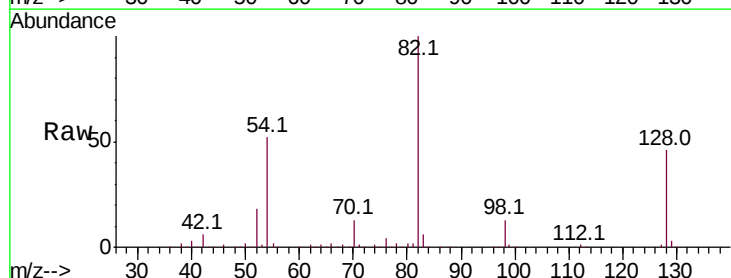
Instrument :
BNA_F
ClientSampleId :
103118-DBRI-E-U-B

Tot Ion:136	Resp:	338967
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.4	5.4 8.2
68	4.9	4.2 6.2



#23
Nitrobenzene-d5
Concen: 103.295 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Tgt Ion: 82	Resp:	590317
Ion Ratio	Lower	Upper
82	100	
128	46.0	34.2 51.2
54	51.9	38.6 58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

103118-DBRI-E-U-B

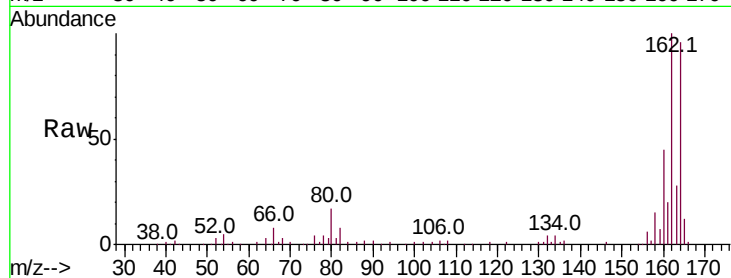
Tot Ion:164 Resp: 135724

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

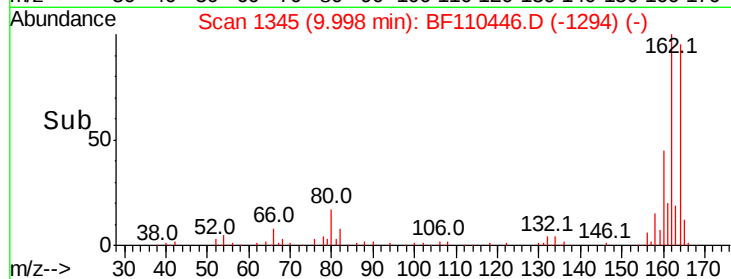
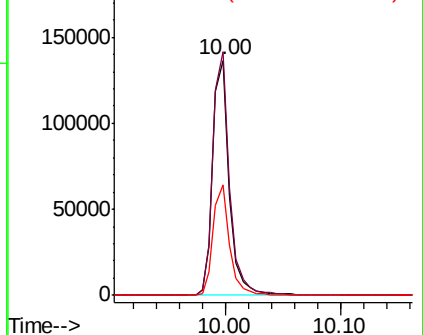
160 46.9 37.0 55.6



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: 85.963 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

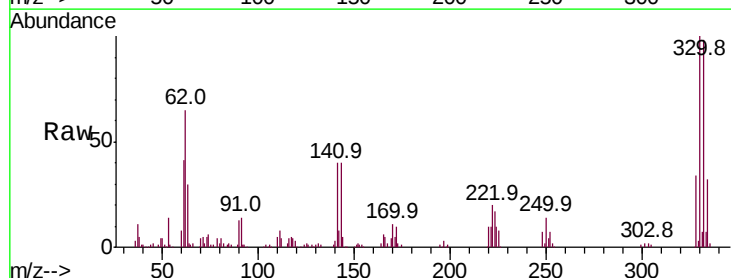
Tgt Ion:330 Resp: 115572

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

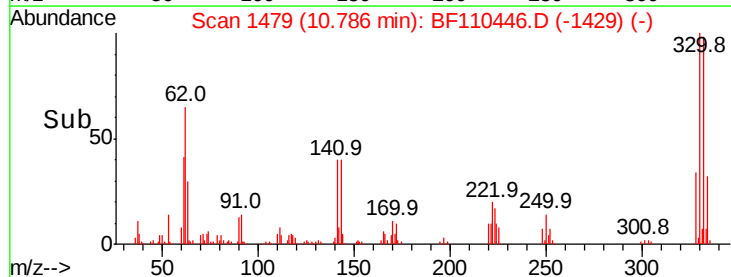
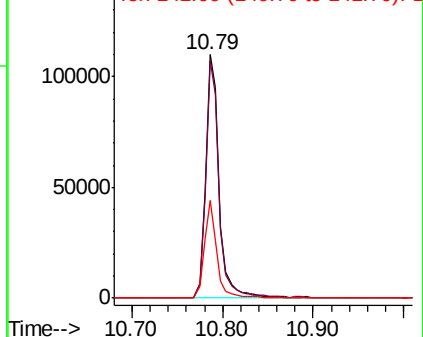
141 36.9 27.0 40.4



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: 114.347 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

103118-DBRI-E-U-B

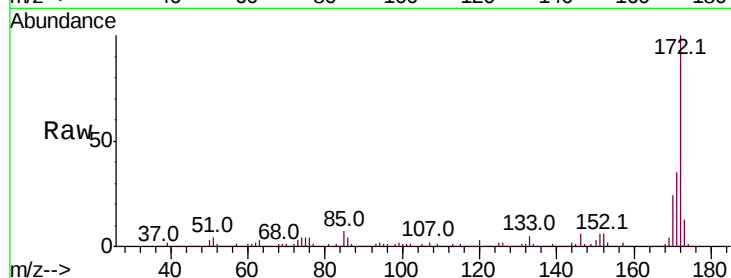
Tot Ion:172 Resp: 988352

Ion Ratio Lower Upper

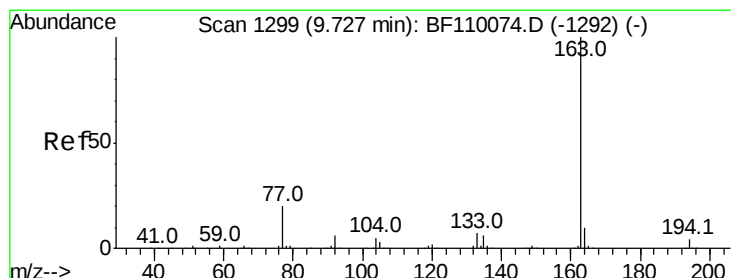
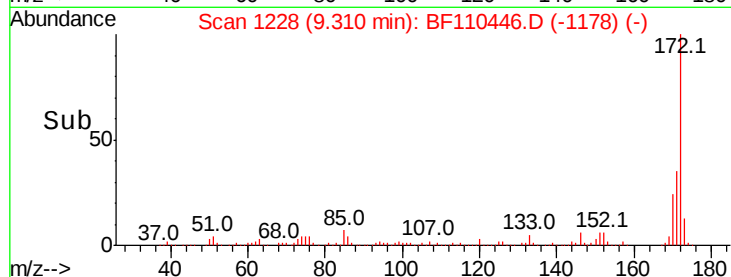
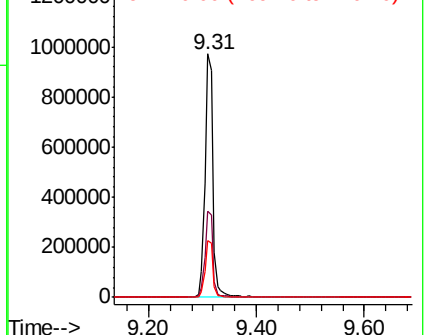
172 100

171 35.3 28.6 43.0

170 23.6 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



#50

Dimethylphthalate

Concen: 2.890 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

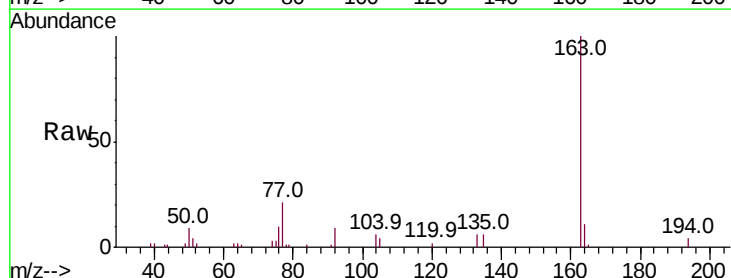
Tgt Ion:163 Resp: 28956

Ion Ratio Lower Upper

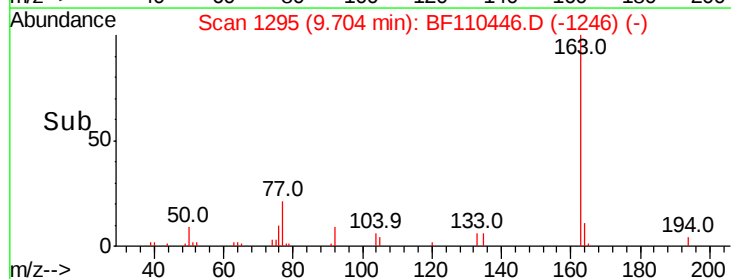
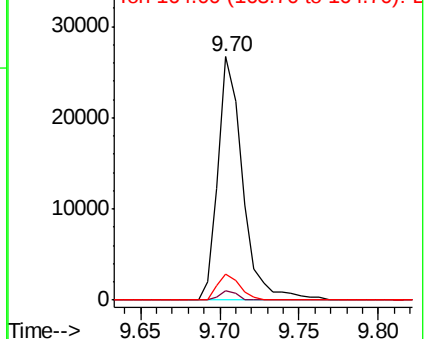
163 100

194 3.9 3.2 4.8

164 10.7 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

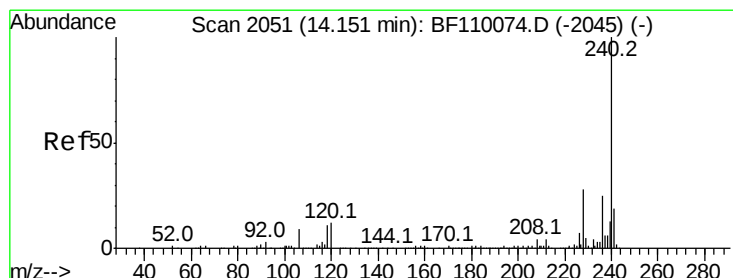
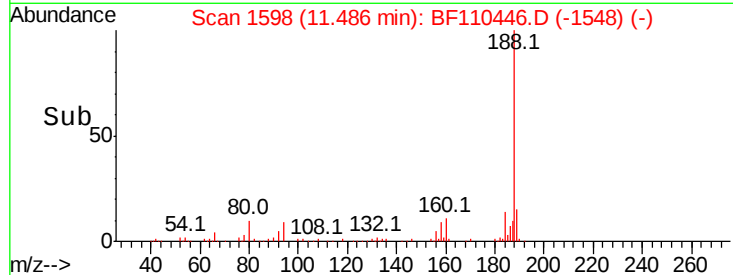
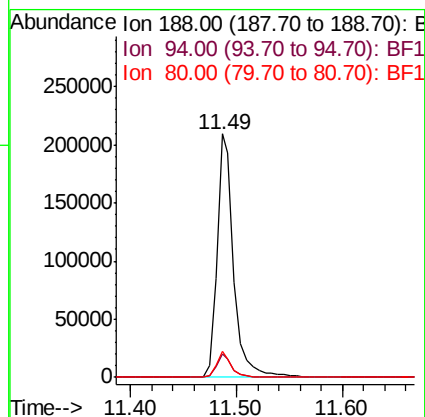
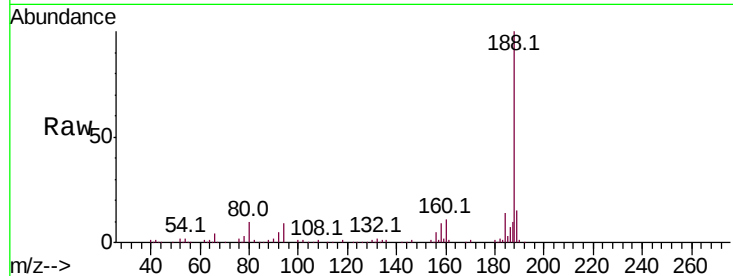




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

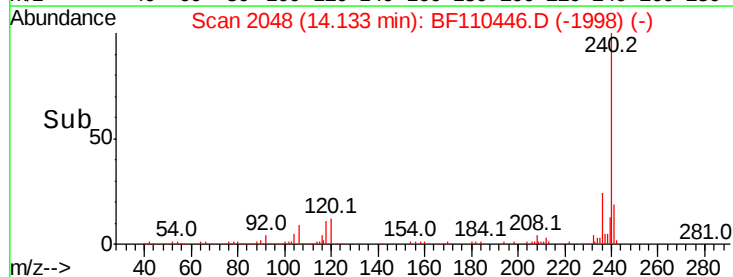
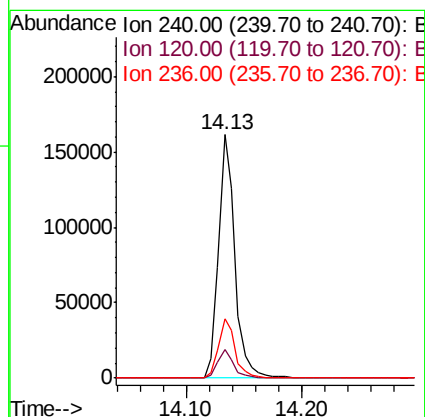
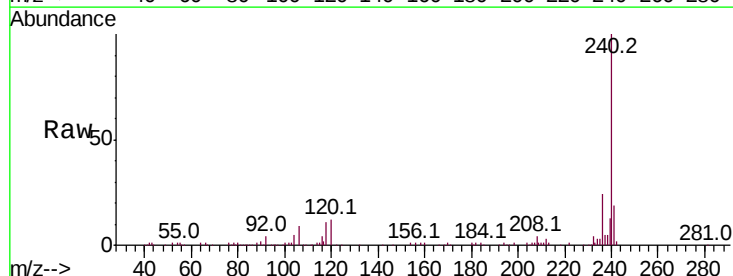
Instrument :
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Tot Ion:188 Resp: 231486
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110446.D
Acq: 3 Nov 2018 8:04

Tgt Ion:240 Resp: 158515
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 24.4 21.2 31.8





#79

Terphenyl-d14

Concen: 114.447 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

Instrument :

BNA_F

ClientSampleId :

103118-DBRI-E-U-B

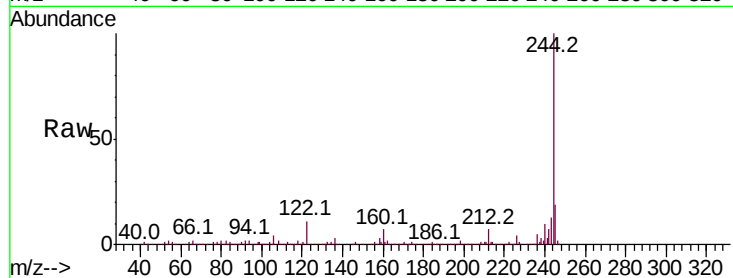
Tot Ion:244 Resp: 872312

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

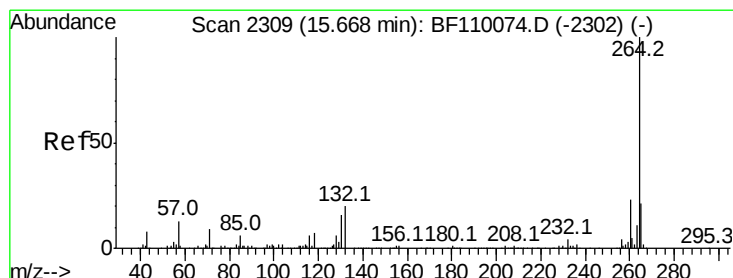
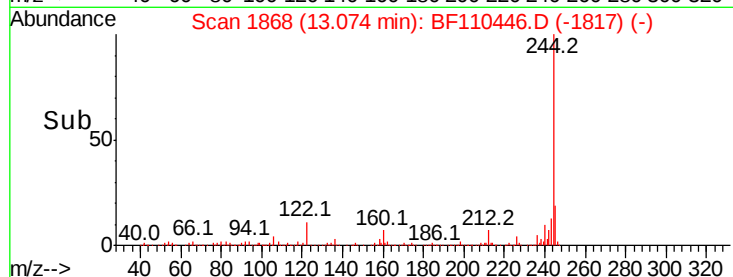
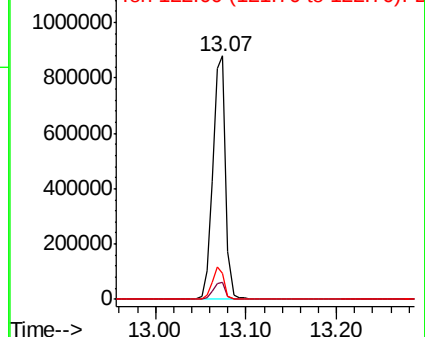
122 10.5 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110446.D

Acq: 3 Nov 2018 8:04

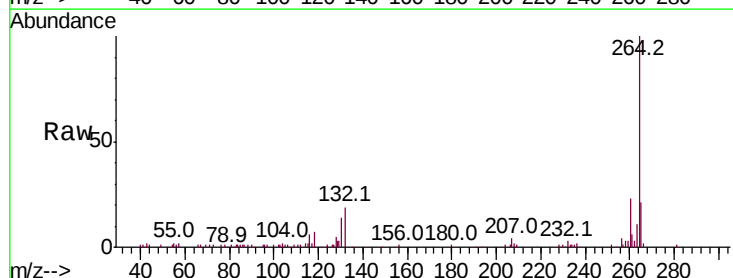
Tgt Ion:264 Resp: 114755

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.2 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

