

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110398.D
 Acq On : 2 Nov 2018 8:11
 Operator : JU/SJ
 Sample : J5730-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102918-TIPC-E-U-M

Quant Time: Nov 02 09:06:51 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	74230	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	265447	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	110042	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	193167	20.00	ng	0.00
76) Chrysene-d12	14.13	240	180370	20.00	ng	0.00
87) Perylene-d12	15.66	264	142801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	161186	35.36	ng	0.00
7) Phenol-d6	6.57	99	120230	20.62	ng	-0.01
23) Nitrobenzene-d5	7.52	82	443725	99.15	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	88684	81.36	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	770036	109.88	ng	0.00
79) Terphenyl-d14	13.07	244	677191	78.08	ng	0.00

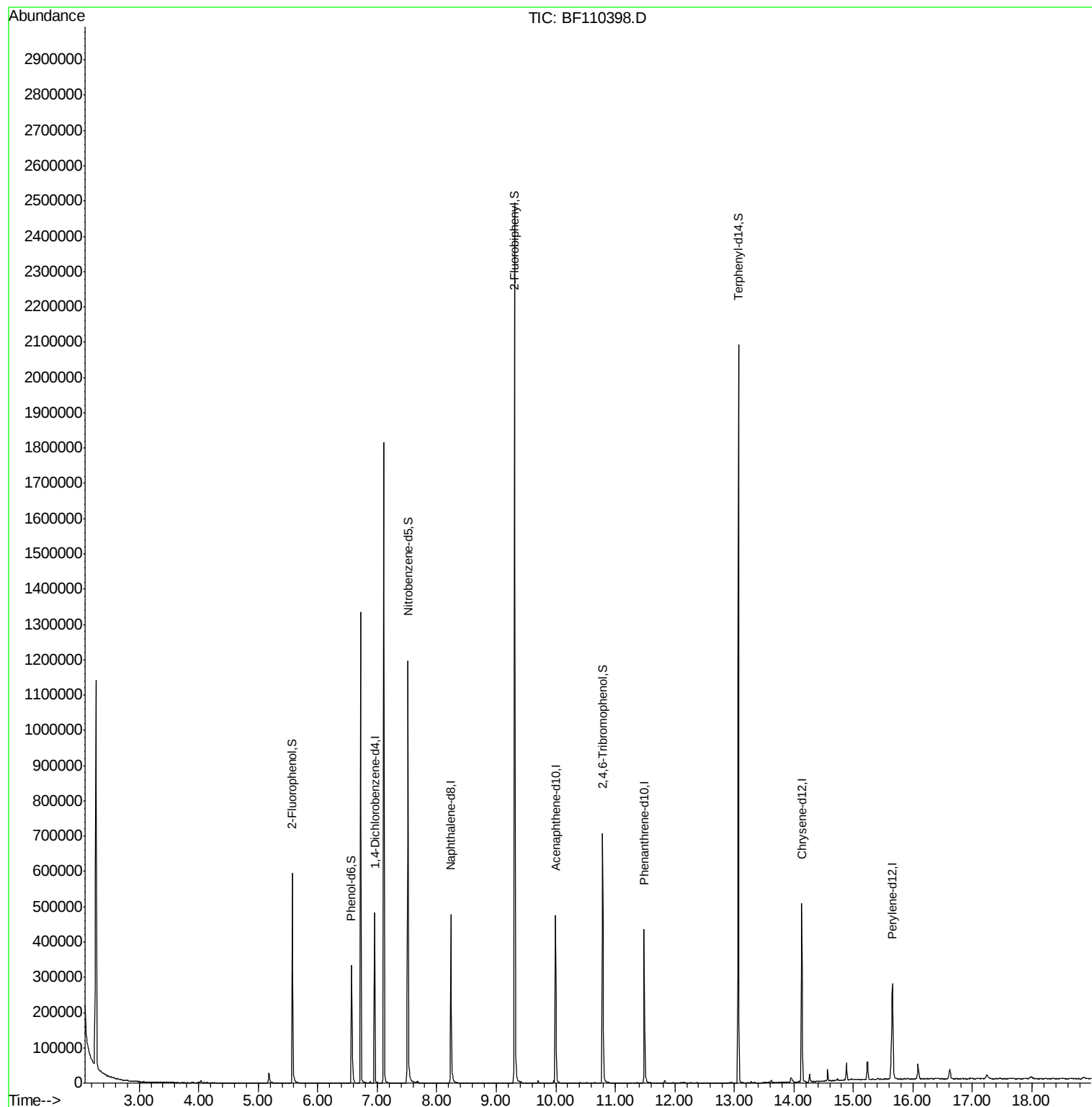
Target Compounds Qvalue

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

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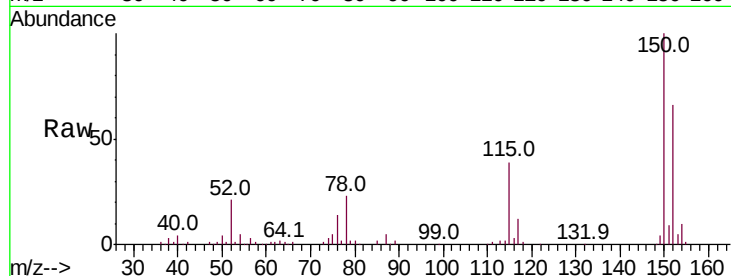


#1

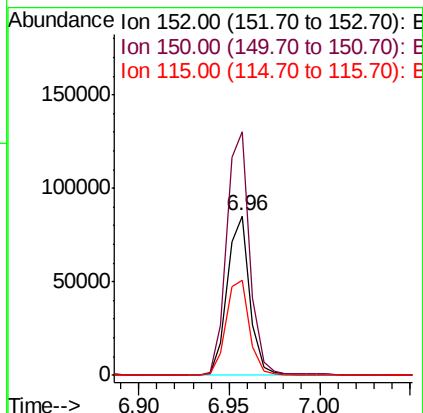
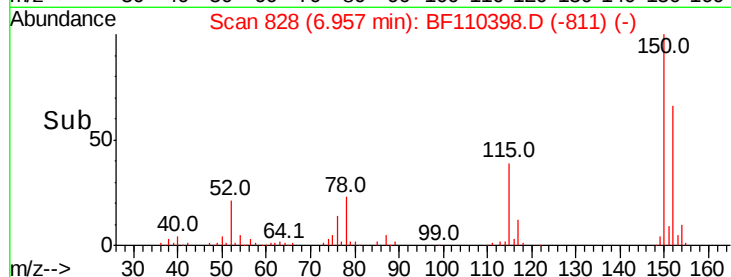
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110398.D
Acq: 2 Nov 2018 8:11

Instrument :
BNA_F
ClientSampleId :
102918-TIPC-E-U-M

Tot Ion:152 Resp: 74230
Ion Ratio Lower Upper
152 100
150 152.5 122.7 184.1
115 59.6 49.1 73.7



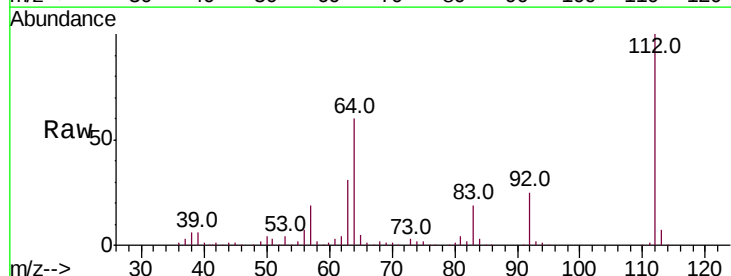
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



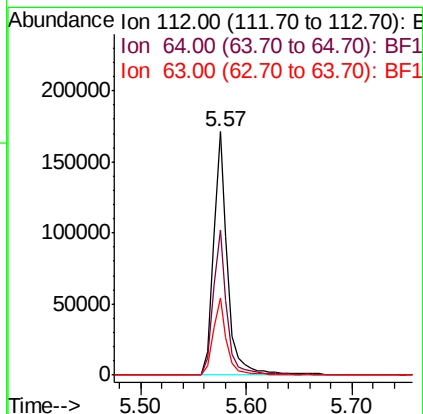
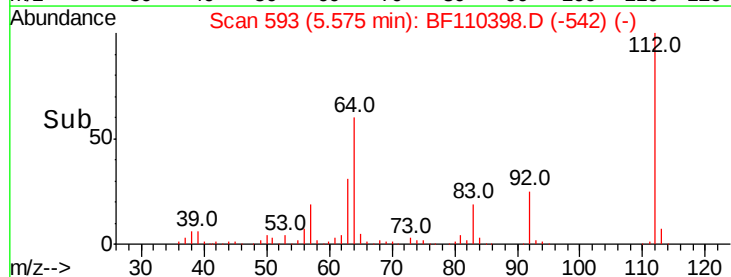
#5

2-Fluorophenol
Concen: 35.361 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110398.D
Acq: 2 Nov 2018 8:11

Tgt Ion:112 Resp: 161186
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.5 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: 20.621 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110398.D

Acq: 2 Nov 2018 8:11

Instrument :

BNA_F

ClientSampleId :

102918-TIPC-E-U-M

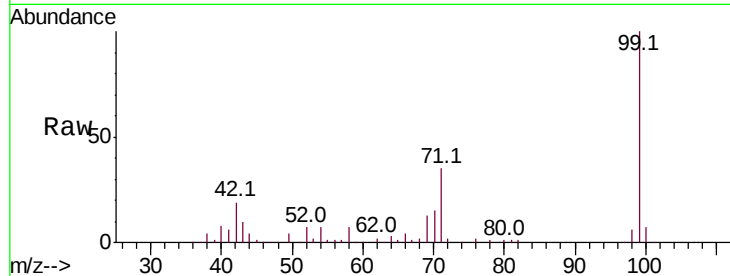
Tot Ion: 99 Resp: 120230

Ion Ratio Lower Upper

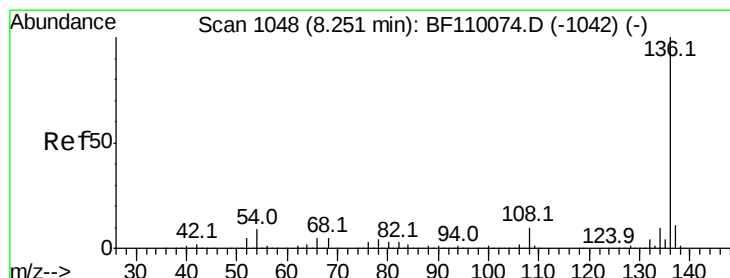
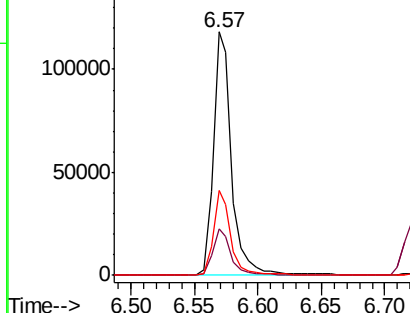
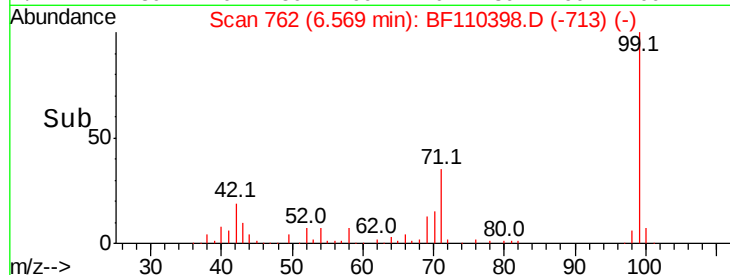
99 100

42 19.0 15.8 23.6

71 35.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110398.D

Acq: 2 Nov 2018 8:11

Tgt Ion: 136 Resp: 265447

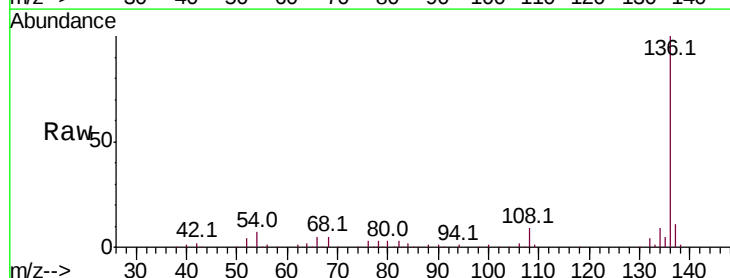
Ion Ratio Lower Upper

136 100

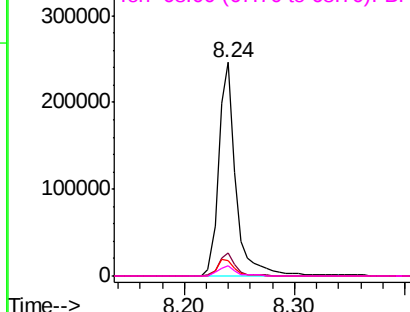
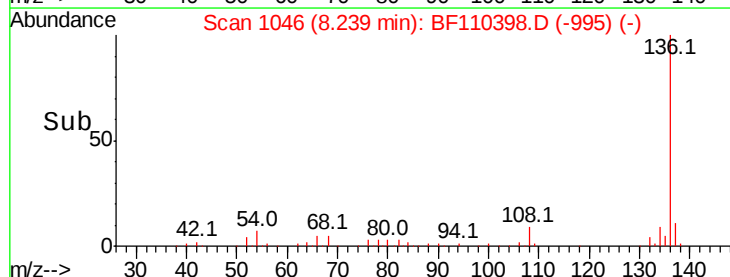
137 10.7 8.8 13.2

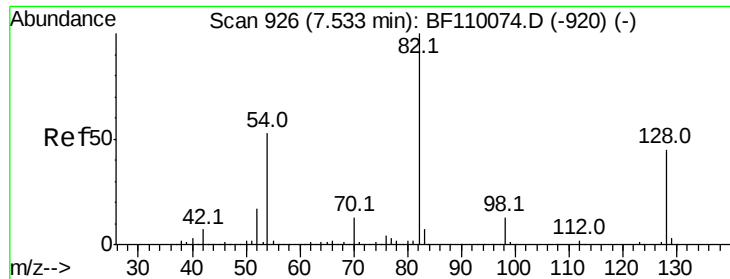
54 7.3 5.4 8.2

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

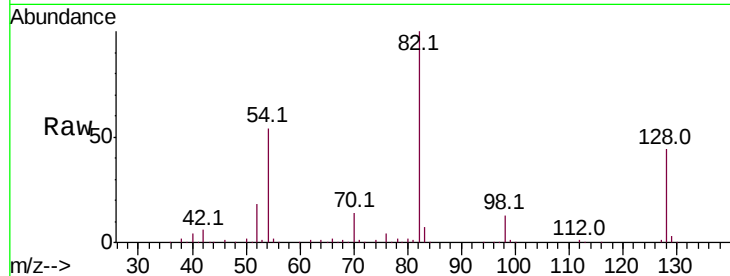




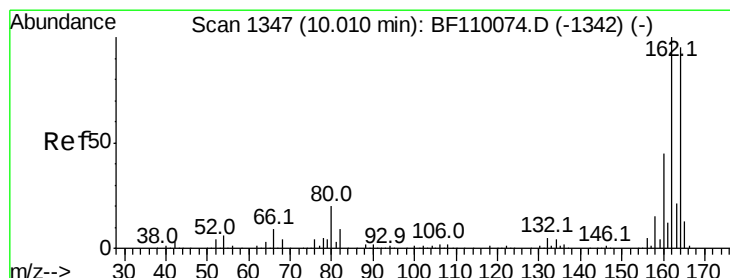
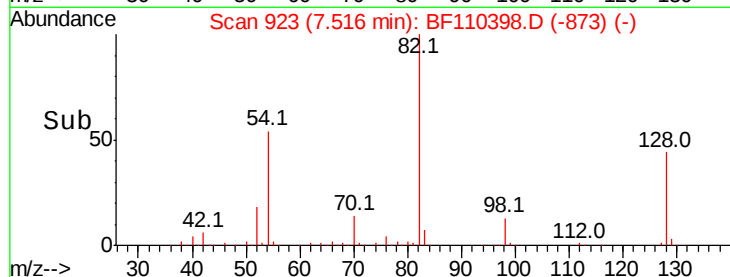
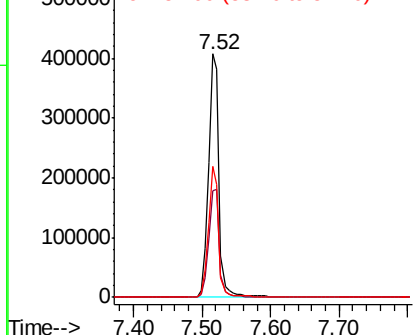
#23
Nitrobenzene-d5
Concen: 99.149 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110398.D
Acq: 2 Nov 2018 8:11

Instrument :
BNA_F
ClientSampleId :
102918-TIPC-E-U-M

Tot Ion: 82 Resp: 443725
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.2
54 53.7 38.6 58.0

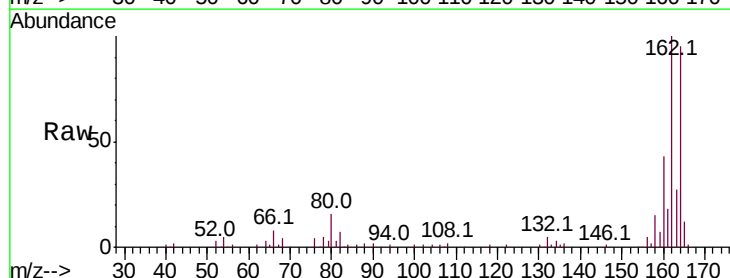


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

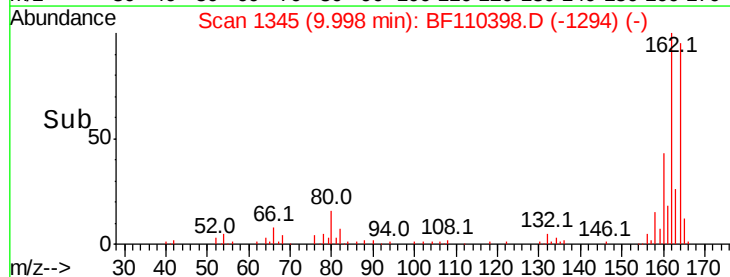
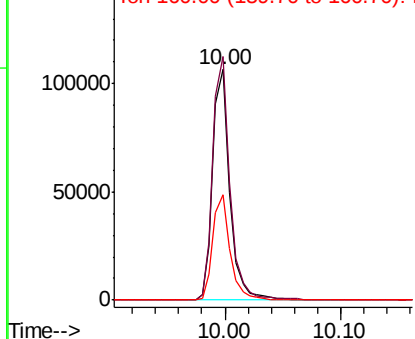


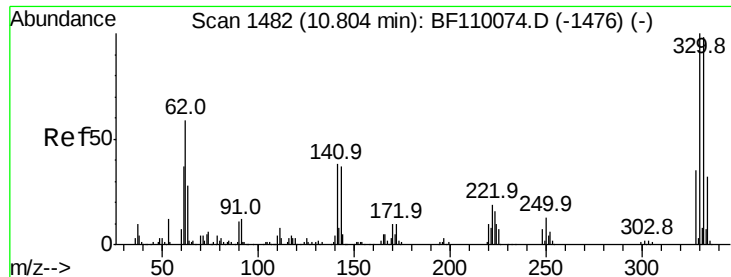
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110398.D
Acq: 2 Nov 2018 8:11

Tgt Ion:164 Resp: 110042
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 45.8 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

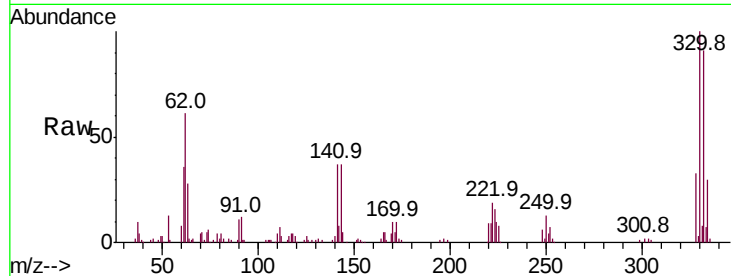




#42
 2,4,6-Tribromophenol
 Concen: 81.359 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110398.D
 Acq: 2 Nov 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 102918-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	37.1	27.0	40.4

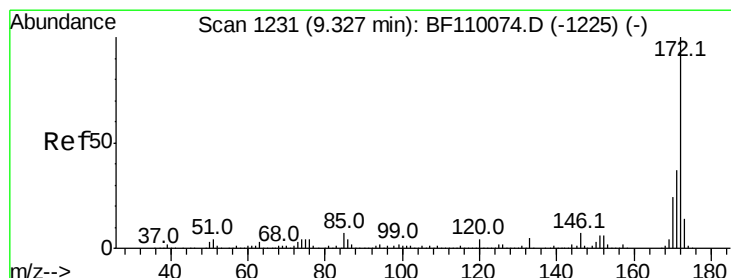
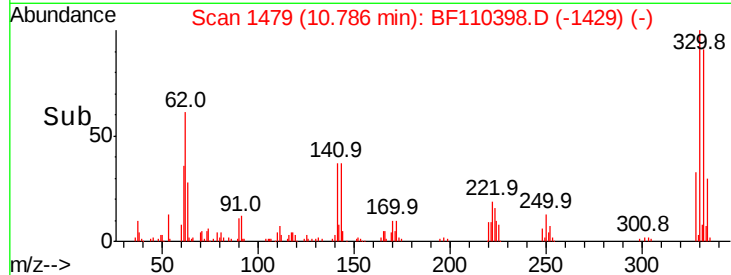
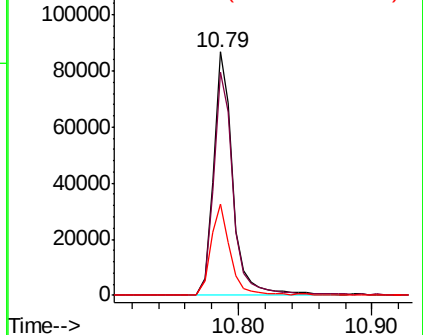


Abundance

Ion 329.80 (329.50 to 330.50): E

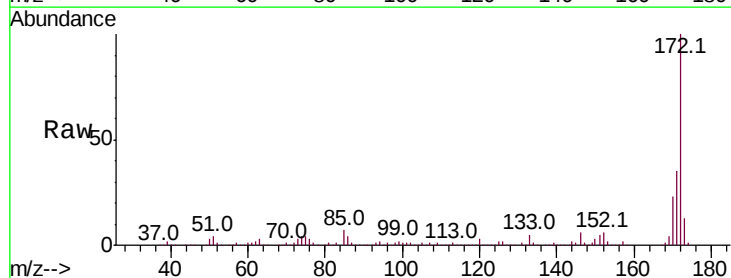
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.881 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110398.D
 Acq: 2 Nov 2018 8:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.3	19.7	29.5

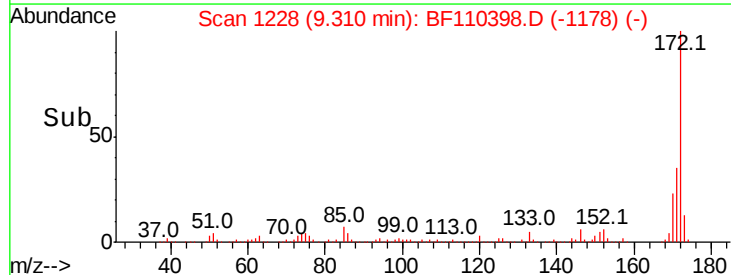
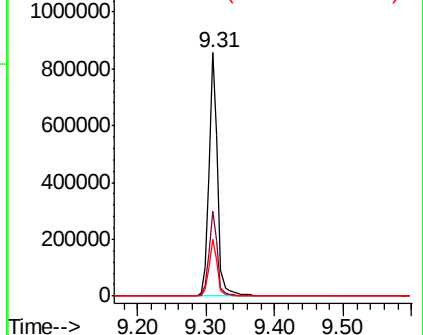


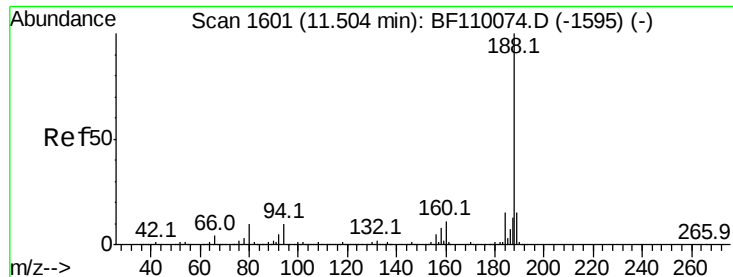
Abundance

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110398.D

Acq: 2 Nov 2018 8:11

Instrument :

BNA_F

ClientSampleId :

102918-TIPC-E-U-M

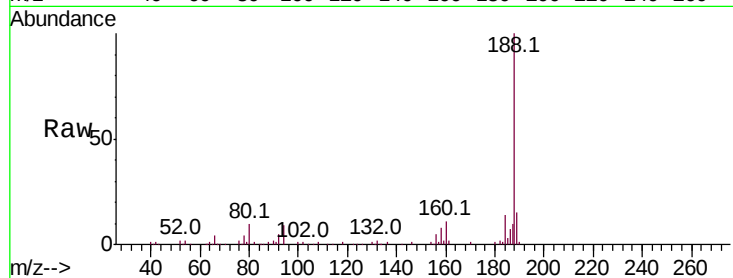
Tot Ion:188 Resp: 193167

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

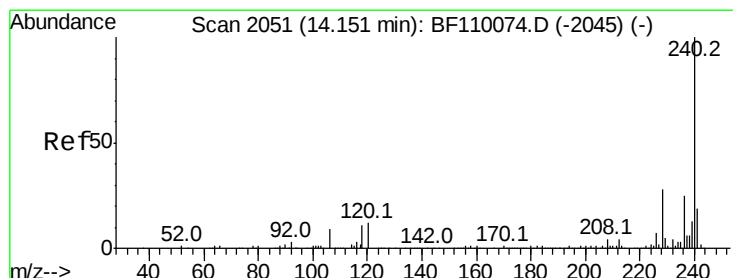
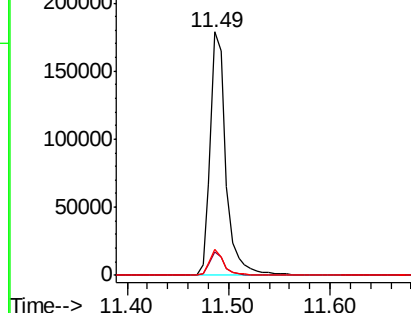
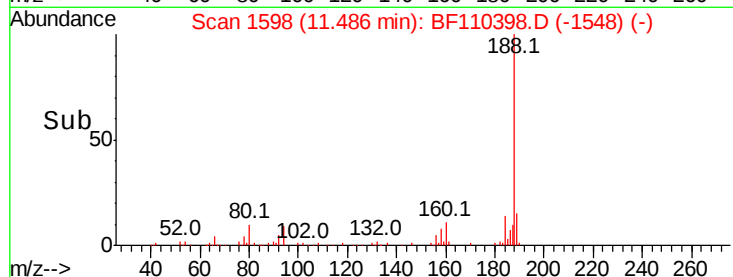
80 10.5 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110398.D

Acq: 2 Nov 2018 8:11

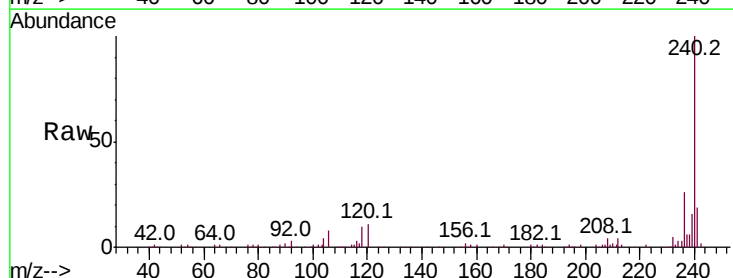
Tgt Ion:240 Resp: 180370

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

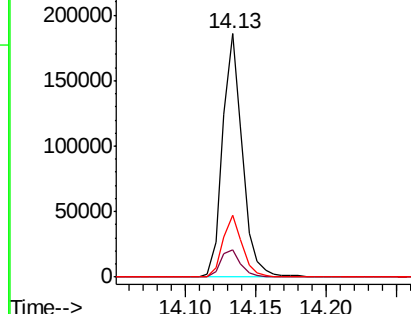
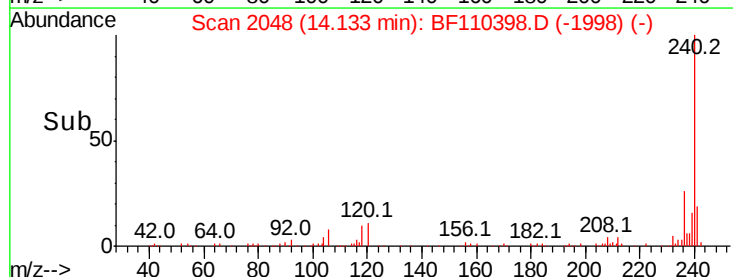
236 25.6 21.2 31.8



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: 78.082 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110398.D

Acq: 2 Nov 2018 8:11

Instrument :

BNA_F

ClientSampleId :

102918-TIPC-E-U-M

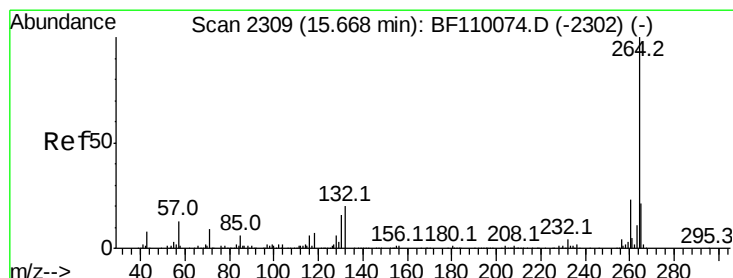
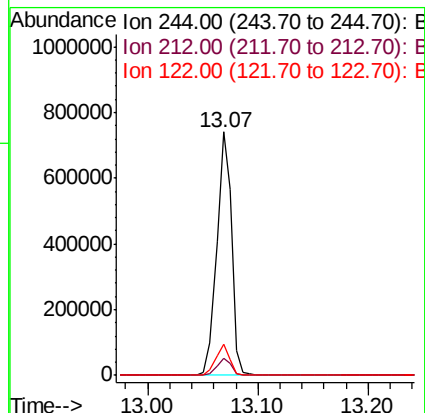
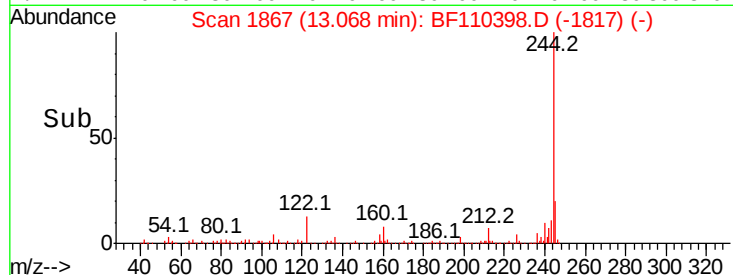
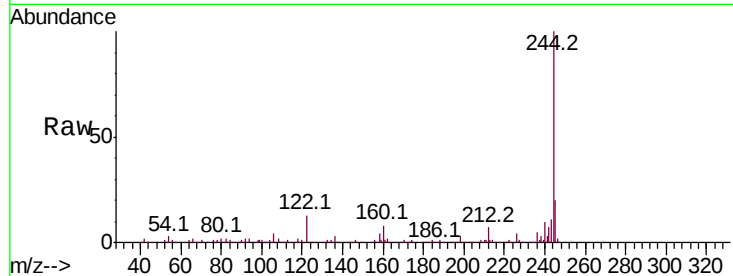
Tot Ion:244 Resp: 677191

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.7 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110398.D

Acq: 2 Nov 2018 8:11

Tgt Ion:264 Resp: 142801

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.5 16.7 25.1

