

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110501.D
 Acq On : 6 Nov 2018 8:30
 Operator : JU/SJ
 Sample : J5810-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-U-S

Quant Time: Nov 06 09:58:47 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

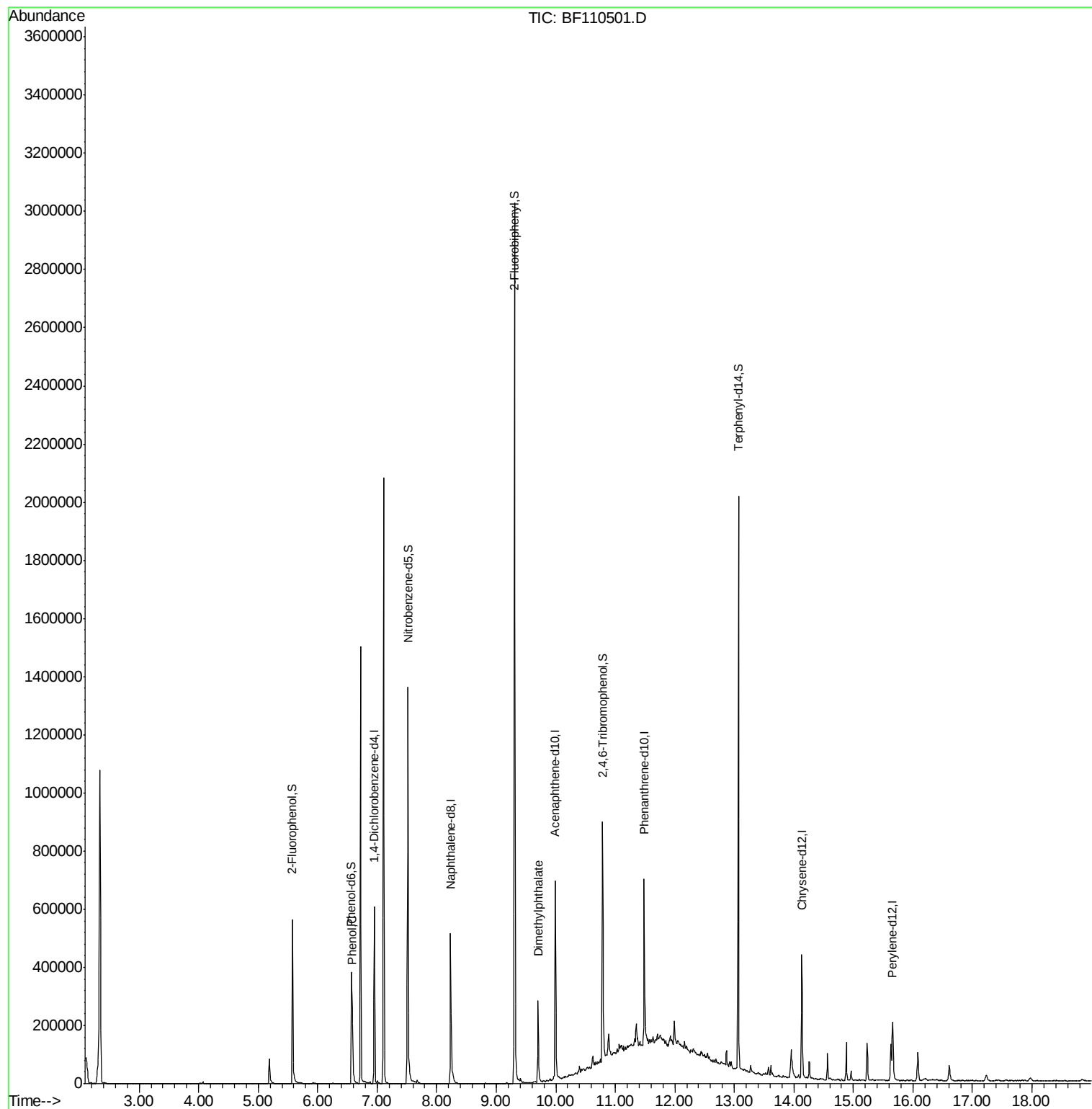
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	86994	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	349170	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	151148	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	227074	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153636	20.00	ng	0.00
87) Perylene-d12	15.66	264	120398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	180275	33.75	ng	0.00
7) Phenol-d6	6.57	99	145623	21.31	ng	-0.01
23) Nitrobenzene-d5	7.52	82	532590	90.47	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	105159	70.24	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	976953	101.49	ng	0.00
79) Terphenyl-d14	13.07	244	646080	87.46	ng	0.00
Target Compounds						
10) Phenol	6.59	94	60116	8.231	ng	Qvalue # 65
50) Dimethylphthalate	9.70	163	147897	13.256	ng	97

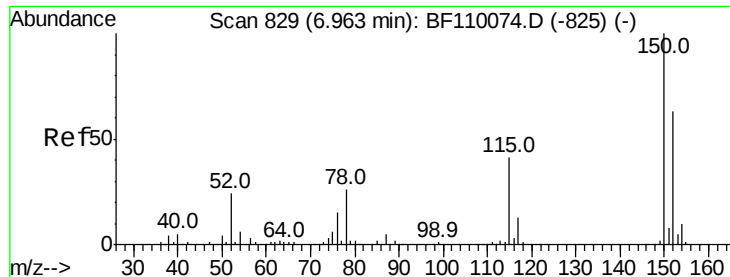
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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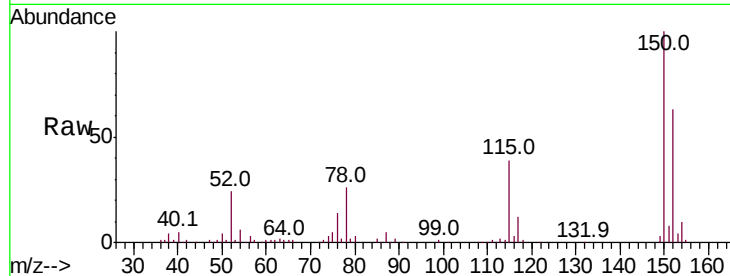


#1

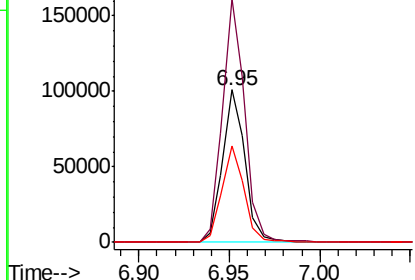
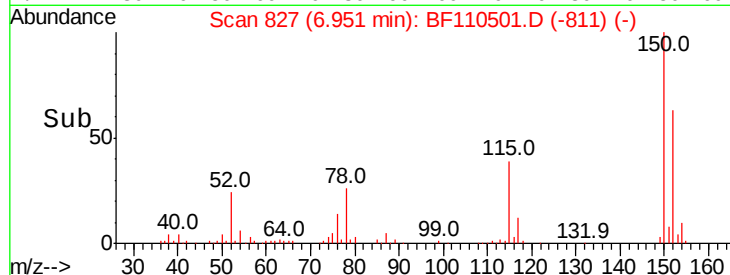
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110501.D
Acq: 6 Nov 2018 8:30

Instrument :
BNA_F
ClientSampleId :
110218-TIPC-E-U-S

Tot Ion:152 Resp: 86994
Ion Ratio Lower Upper
152 100
150 159.8 122.7 184.1
115 63.1 49.1 73.7



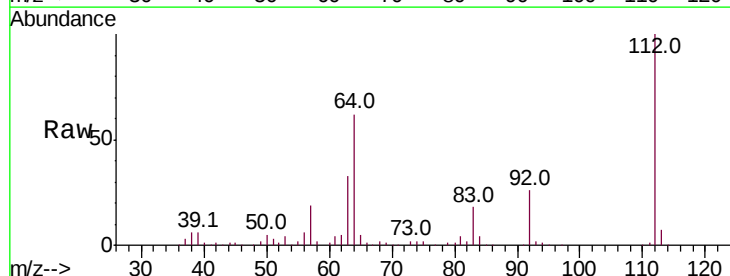
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



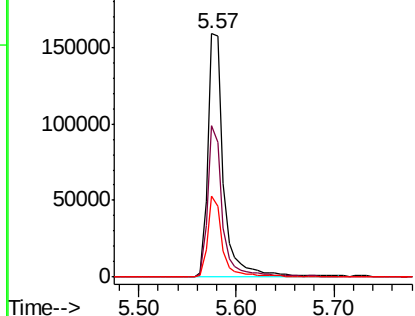
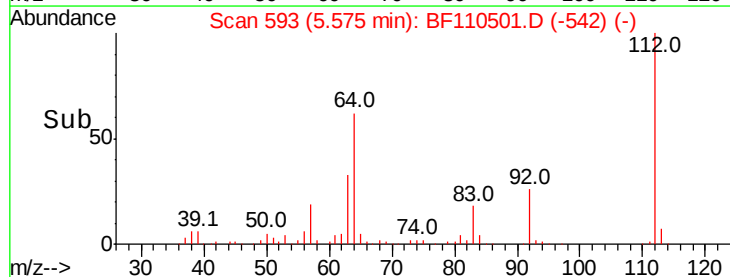
#5

2-Fluorophenol
Concen: 33.746 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110501.D
Acq: 6 Nov 2018 8:30

Tgt Ion:112 Resp: 180275
Ion Ratio Lower Upper
112 100
64 62.1 44.1 66.1
63 33.1 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: 21.312 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110501.D

Acq: 6 Nov 2018 8:30

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-U-S

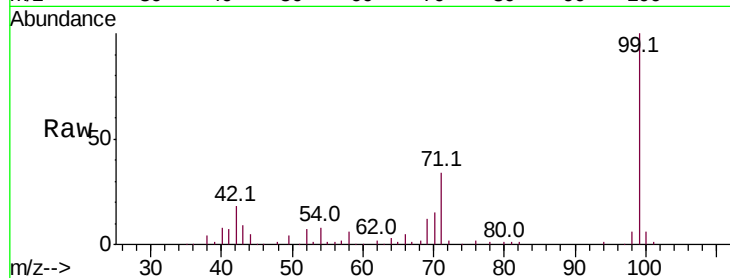
Tot Ion: 99 Resp: 145623

Ion Ratio Lower Upper

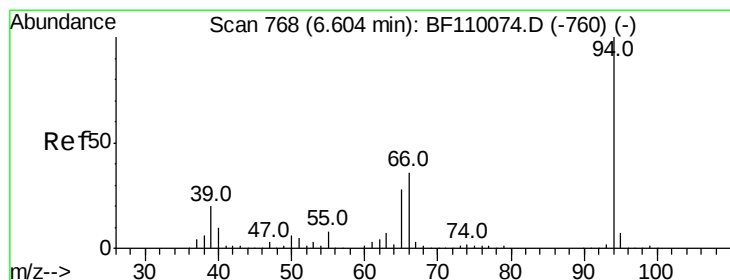
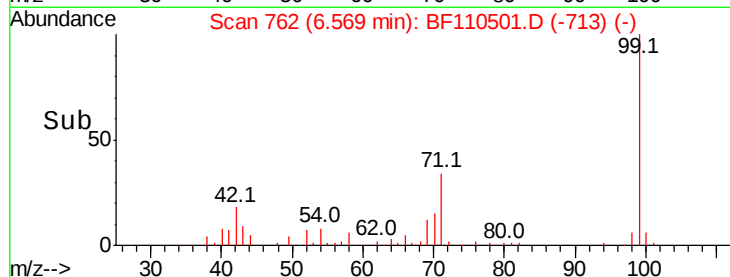
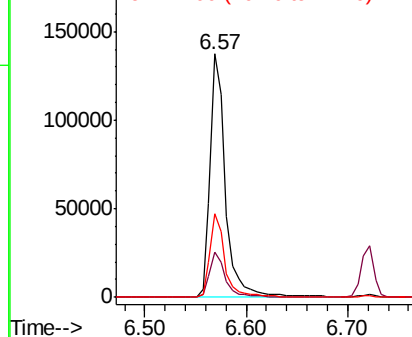
99 100

42 18.4 15.8 23.6

71 34.2 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: 8.231 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110501.D

Acq: 6 Nov 2018 8:30

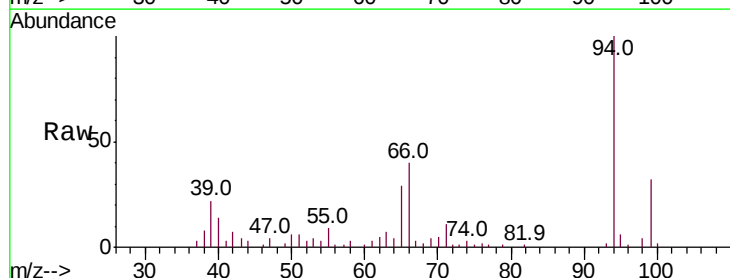
Tgt Ion: 94 Resp: 60116

Ion Ratio Lower Upper

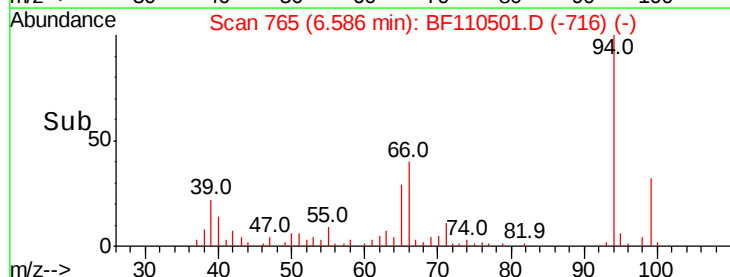
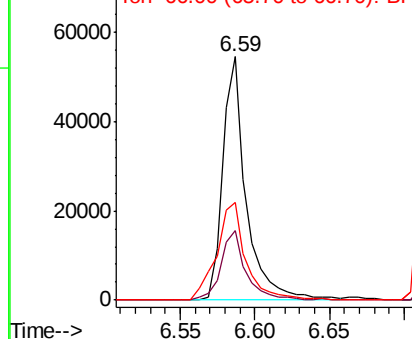
94 100

65 28.6 25.3 65.3

66 39.9 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

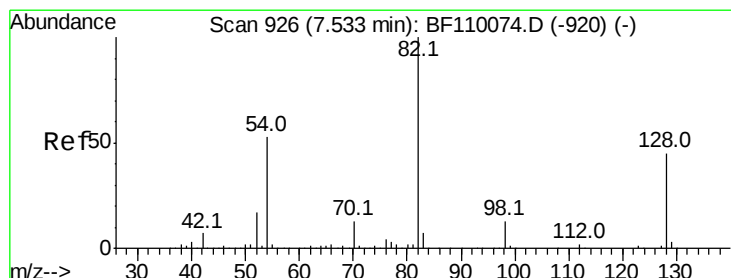
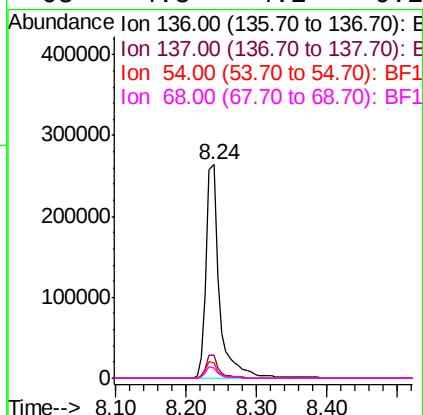
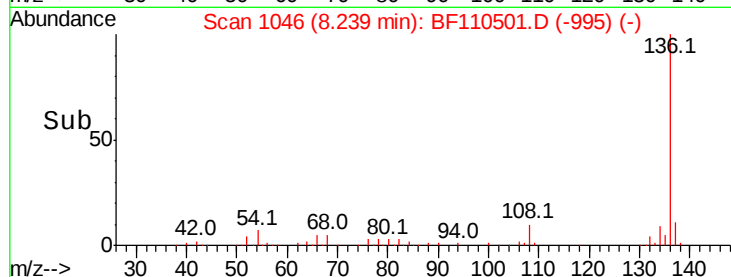
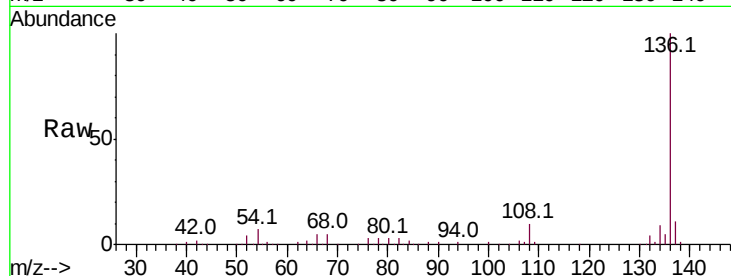




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110501.D
Acq: 6 Nov 2018 8:30

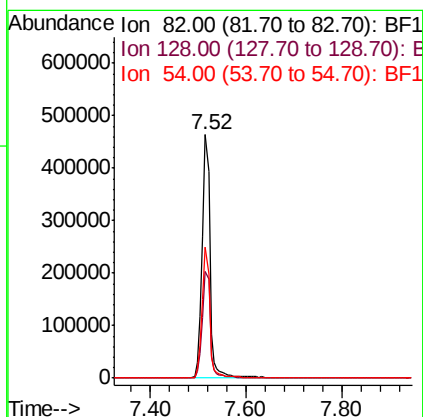
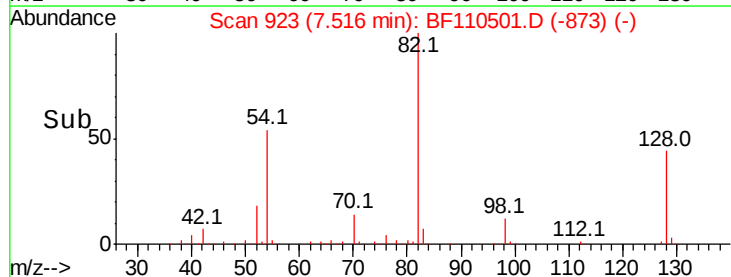
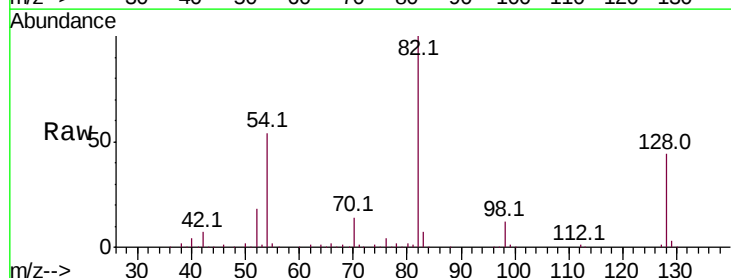
Instrument :
BNA_F
ClientSampleId :
110218-TIPC-E-U-S

Tot Ion:	136	Resp:	349170
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 90.471 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110501.D
Acq: 6 Nov 2018 8:30

Tgt Ion:	82	Resp:	532590
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	53.7	38.6	58.0

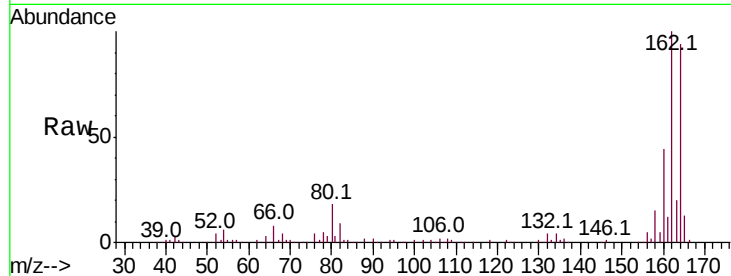




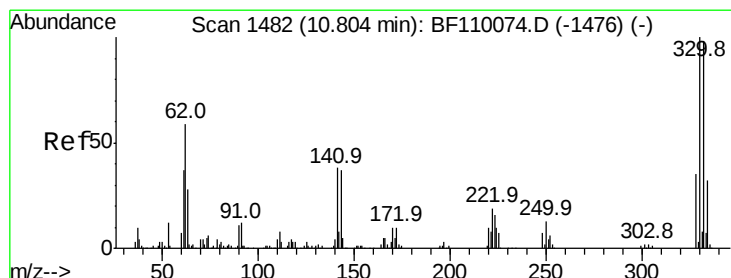
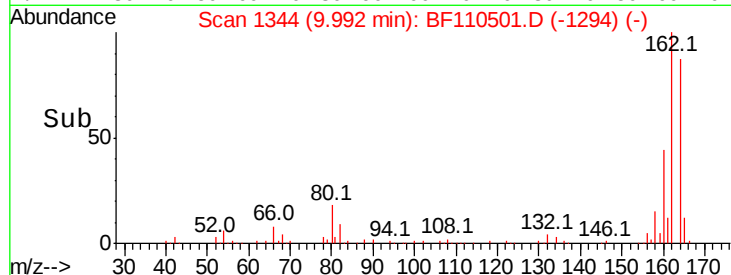
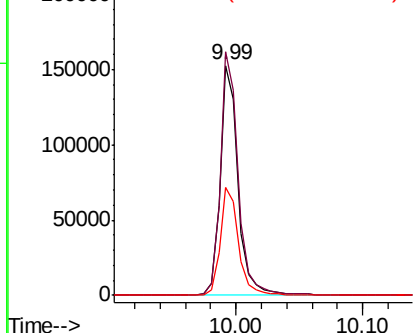
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110501.D
Acq: 6 Nov 2018 8:30

Instrument :
BNA_F
ClientSampleId :
110218-TIPC-E-U-S

Tot Ion:164 Resp: 151148
Ion Ratio Lower Upper
164 100
162 106.0 83.0 124.6
160 47.0 37.0 55.6

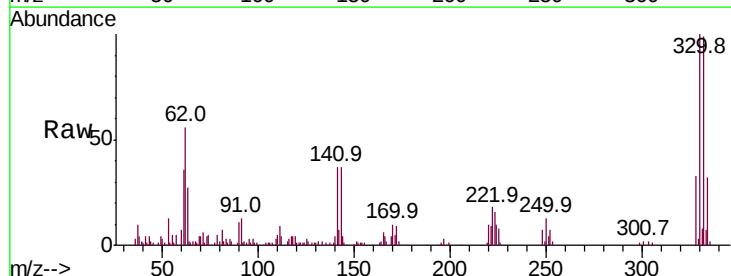


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

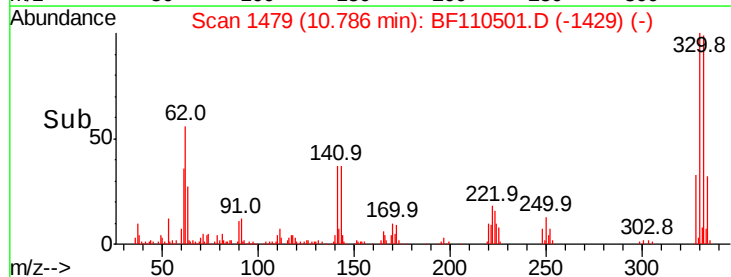
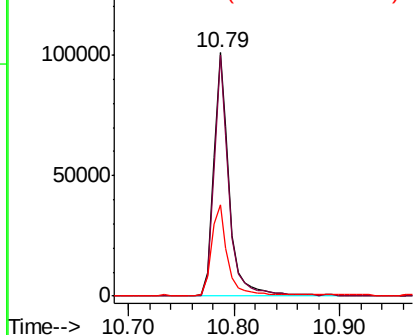


#42
2,4,6-Tribromophenol
Concen: 70.236 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110501.D
Acq: 6 Nov 2018 8:30

Tgt Ion:330 Resp: 105159
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 39.3 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

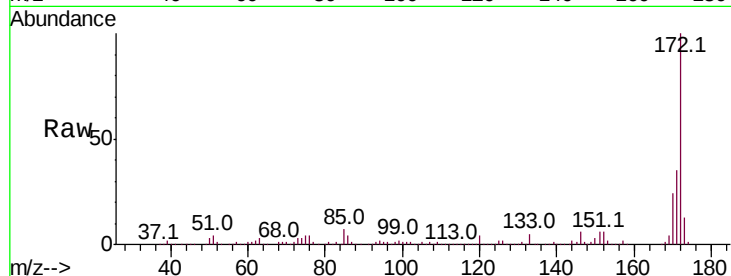




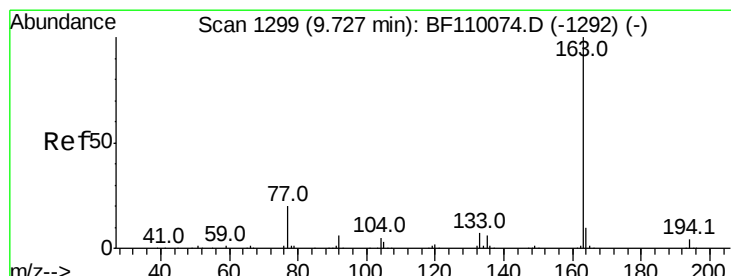
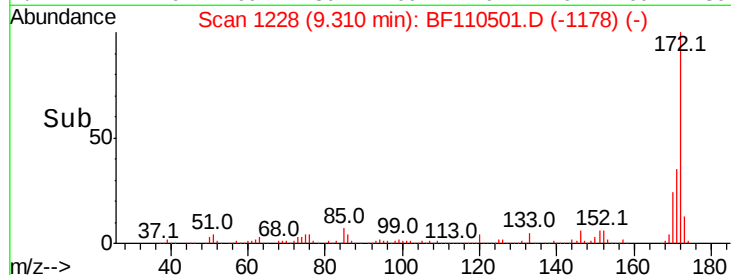
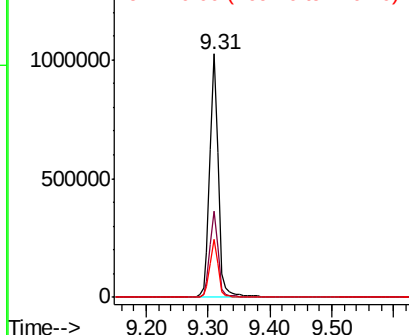
#45
 2-Fluorobiphenyl
 Concen: 101.494 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110501.D
 Acq: 6 Nov 2018 8:30

Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-U-S

Tot Ion:172 Resp: 976953
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.6 19.7 29.5

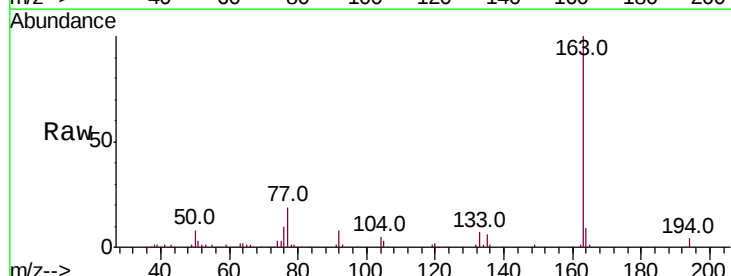


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

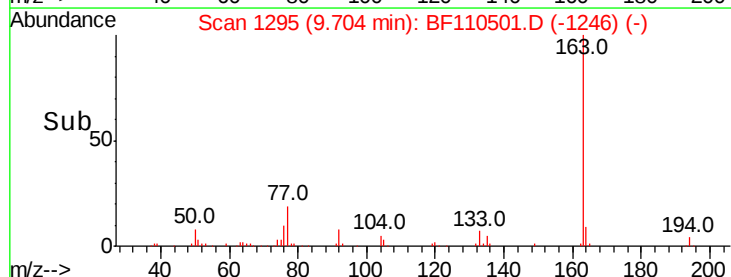
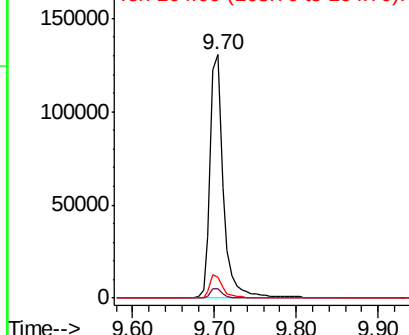


#50
 Dimethylphthalate
 Concen: 13.256 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110501.D
 Acq: 6 Nov 2018 8:30

Tgt Ion:163 Resp: 147897
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 8.6 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: BF110501.D

Acq: 6 Nov 2018 8:30

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-U-S

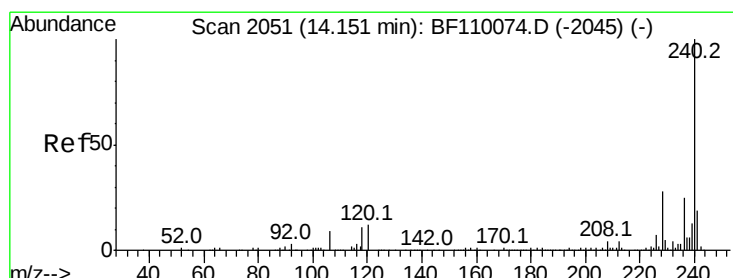
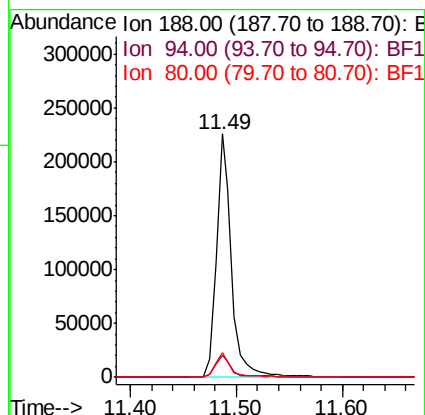
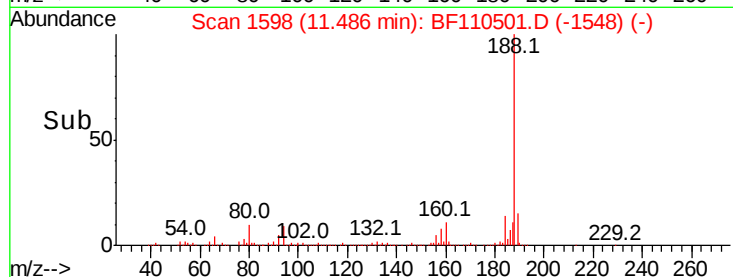
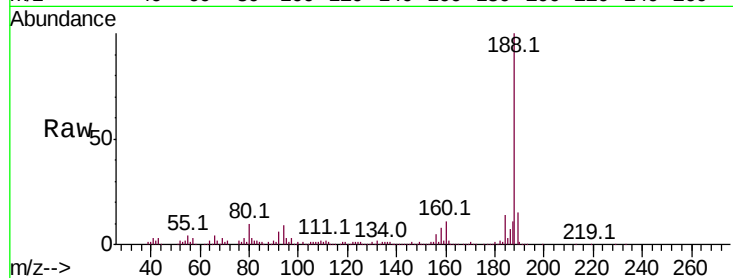
Tot Ion:188 Resp: 227074

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.4 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: BF110501.D

Acq: 6 Nov 2018 8:30

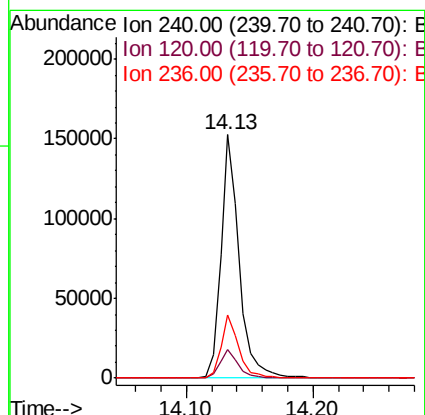
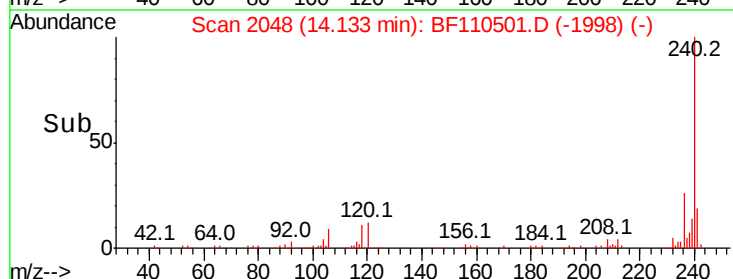
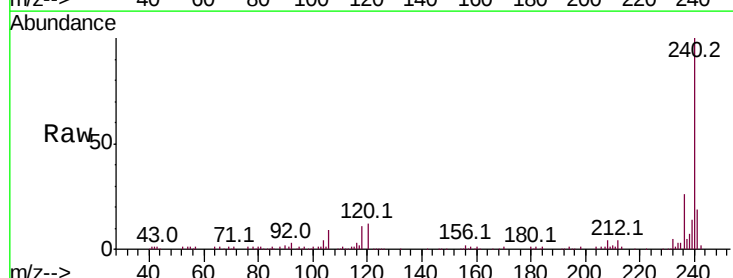
Tgt Ion:240 Resp: 153636

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

236 26.2 21.2 31.8





#79

Terphenyl-d14

Concen: 87.457 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110501.D

Acq: 6 Nov 2018 8:30

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-U-S

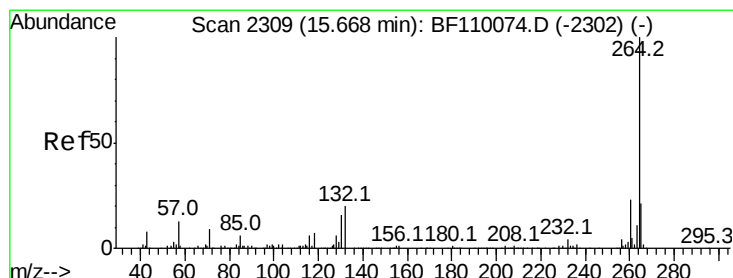
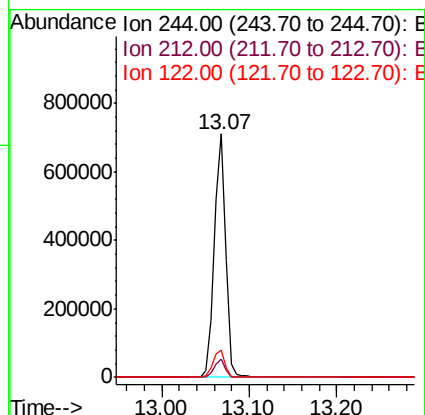
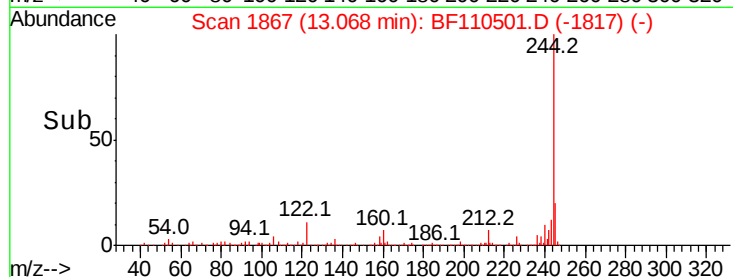
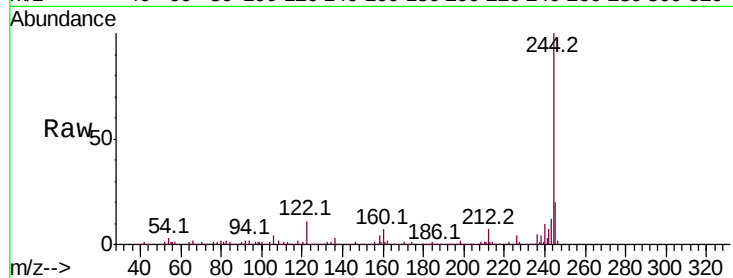
Tot Ion:244 Resp: 646080

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 11.4 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: BF110501.D

Acq: 6 Nov 2018 8:30

Tgt Ion:264 Resp: 120398

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 16.7 25.1

