

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110517.D
 Acq On : 6 Nov 2018 16:14
 Operator : JU/SJ
 Sample : J5819-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BES48_SB02_1.5-2

Quant Time: Nov 06 17:19:15 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

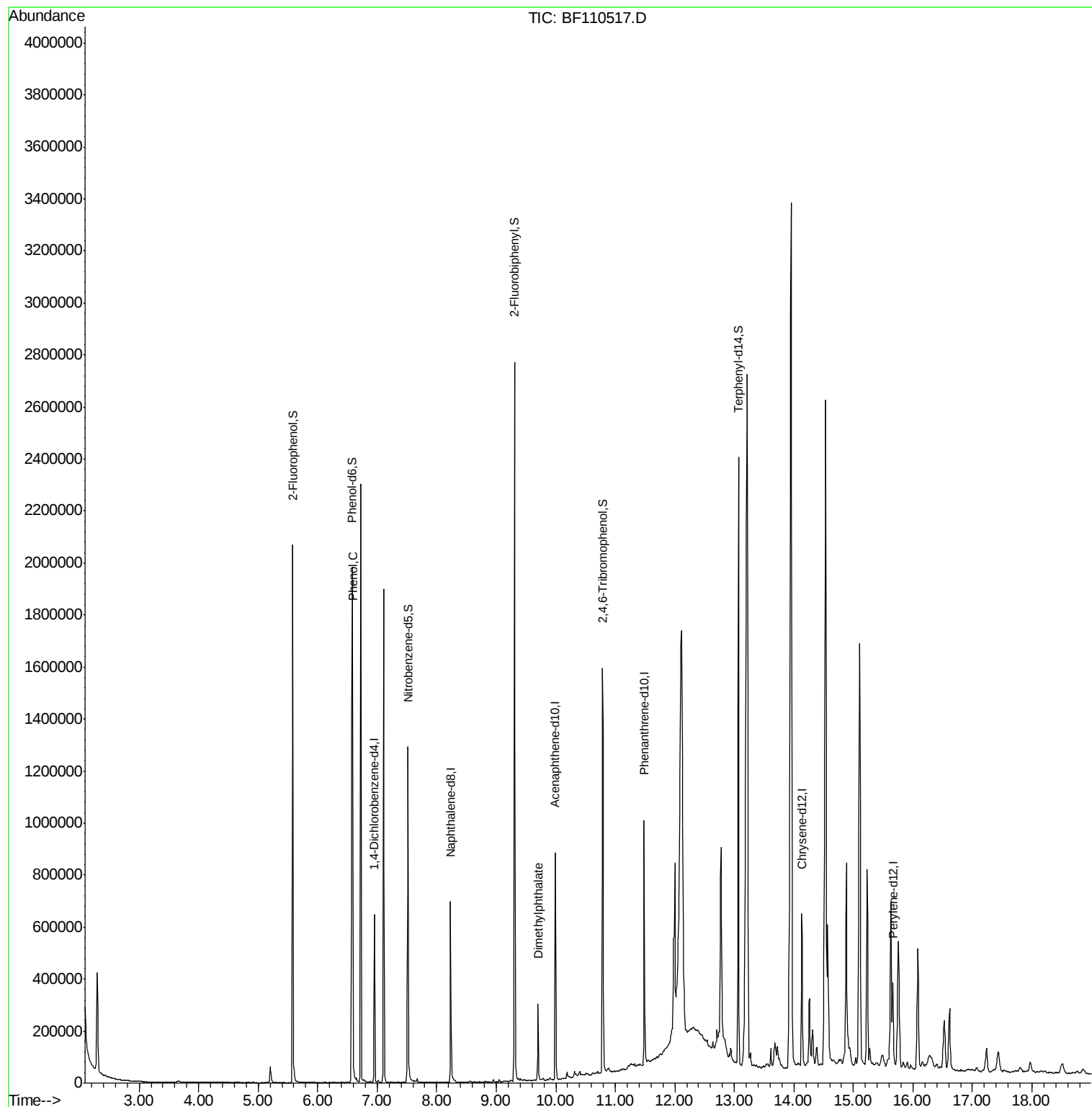
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	91648	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	374831	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	183946	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	356473	20.00	ng	0.00
76) Chrysene-d12	14.13	240	209173	20.00	ng	0.00
87) Perylene-d12	15.66	264	176070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	594449	105.62	ng	0.00
7) Phenol-d6	6.58	99	773327	107.43	ng	0.00
23) Nitrobenzene-d5	7.52	82	471507	74.61	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	184234	101.11	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	840094	71.71	ng	0.00
79) Terphenyl-d14	13.07	244	763728	75.93	ng	0.00
Target Compounds						
10) Phenol	6.59	94	60539	7.868	ng	Qvalue # 67
50) Dimethylphthalate	9.70	163	128338	9.452	ng	99

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

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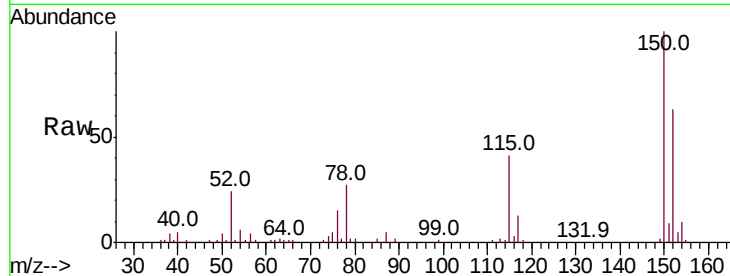


#1

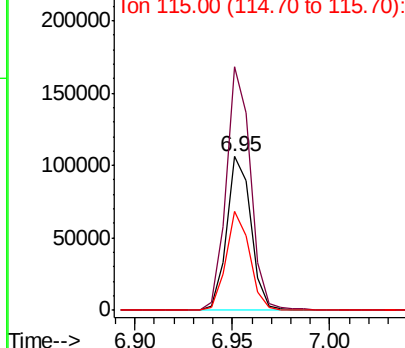
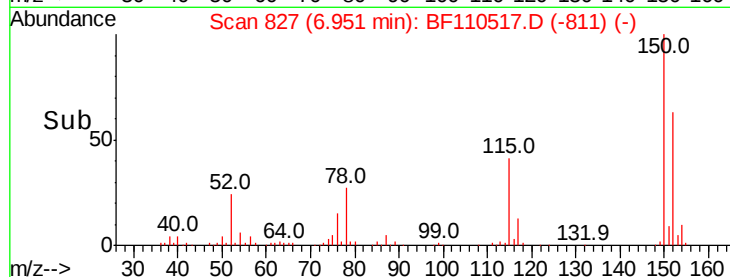
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Instrument :
BNA_F
ClientSampleId :
BES48_SB02_1.5-2

Tot Ion:152 Resp: 91648
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 64.8 49.1 73.7



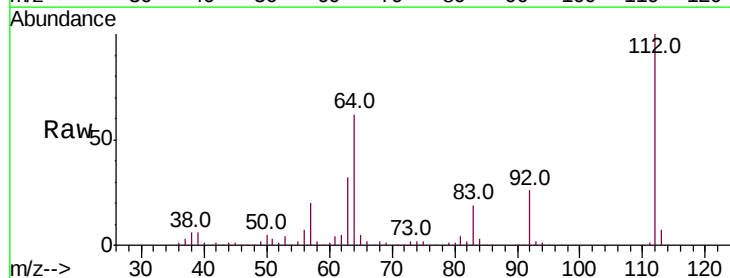
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



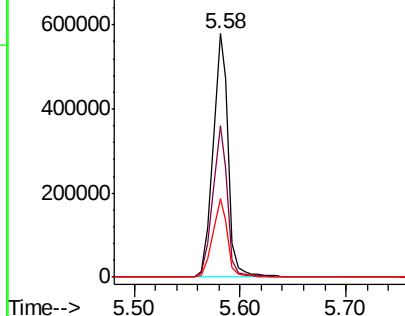
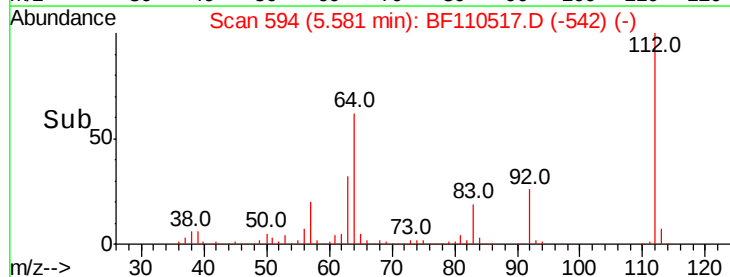
#5

2-Fluorophenol
Concen: 105.625 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion:112 Resp: 594449
Ion Ratio Lower Upper
112 100
64 62.3 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: 107.428 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

Instrument :

BNA_F

ClientSampleId :

BES48_SB02_1.5-2

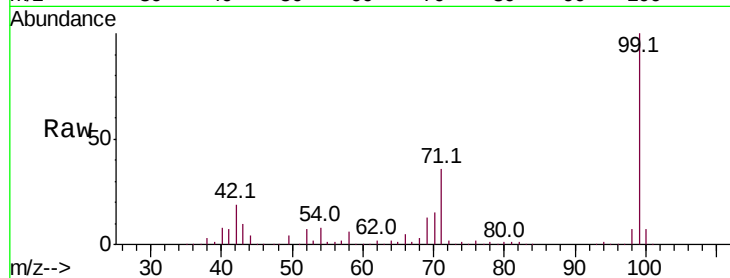
Tot Ion: 99 Resp: 773327

Ion Ratio Lower Upper

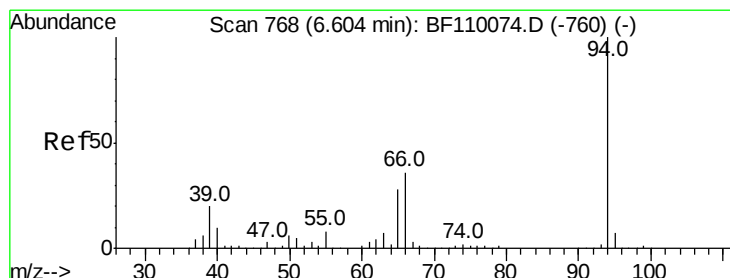
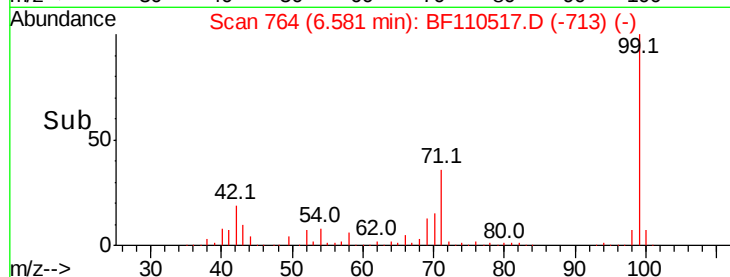
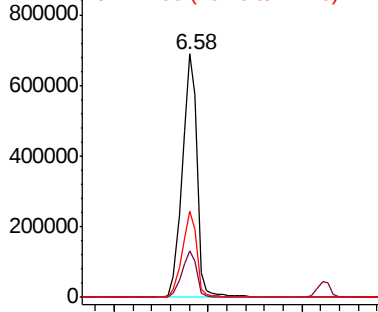
99 100

42 19.3 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: 7.868 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

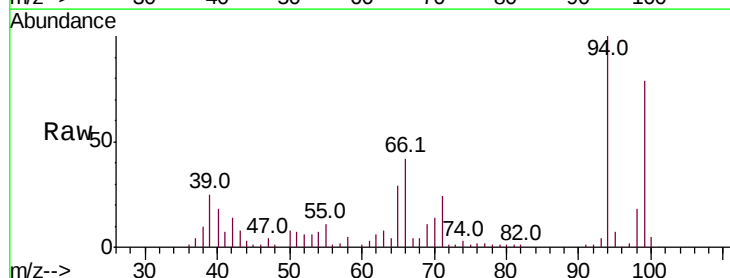
Tgt Ion: 94 Resp: 60539

Ion Ratio Lower Upper

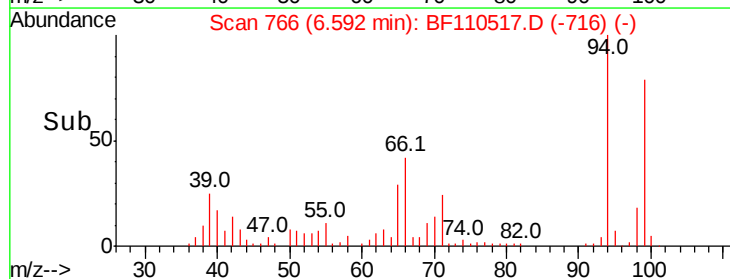
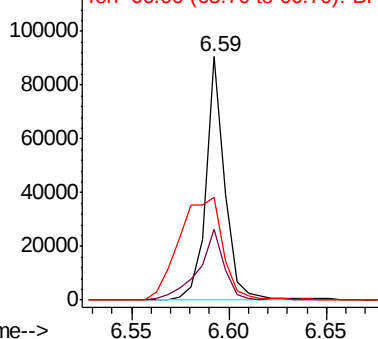
94 100

65 29.2 25.3 65.3

66 42.3 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

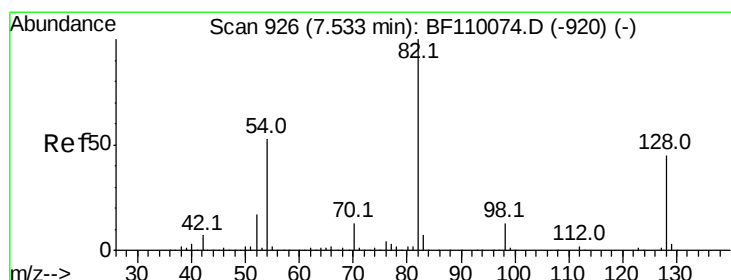
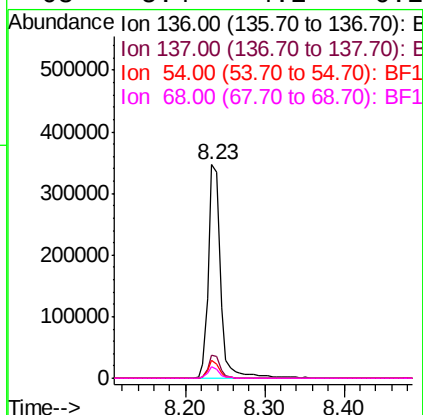
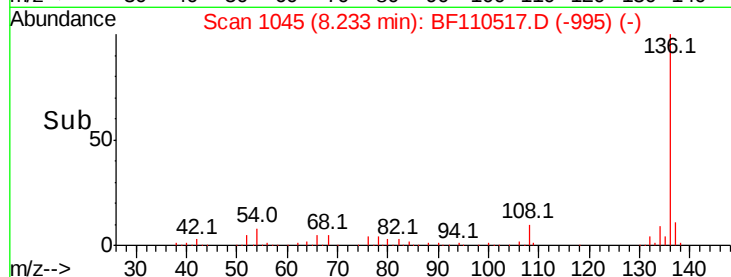
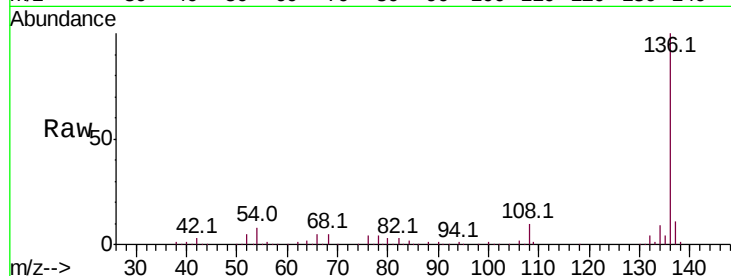




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

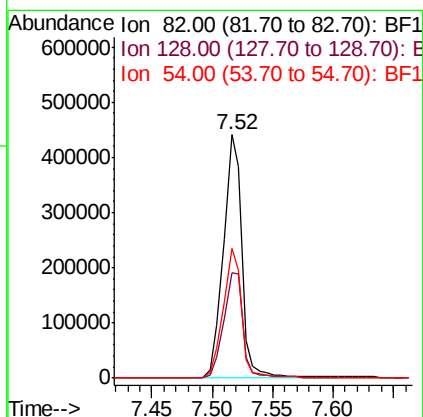
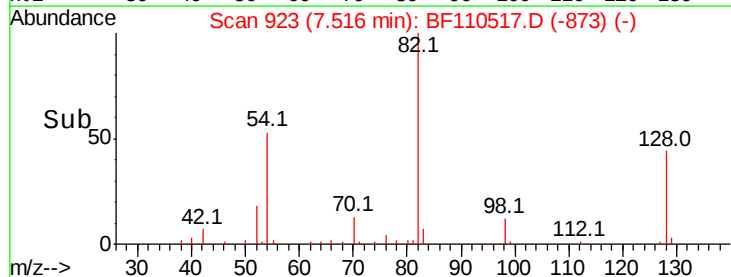
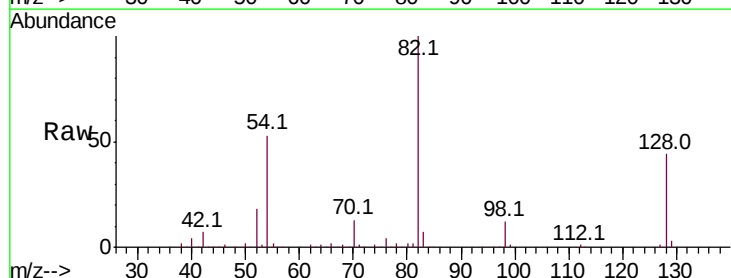
Instrument :
BNA_F
ClientSampleId :
BES48_SB02_1.5-2

Tot Ion:	136	Resp:	374831
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	5.4	8.2#
68	5.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 74.611 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion:	82	Resp:	471507
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	53.1	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: BF110517.D

Acq: 6 Nov 2018 16:14

Instrument :

BNA_F

ClientSampleId :

BES48_SB02_1.5-2

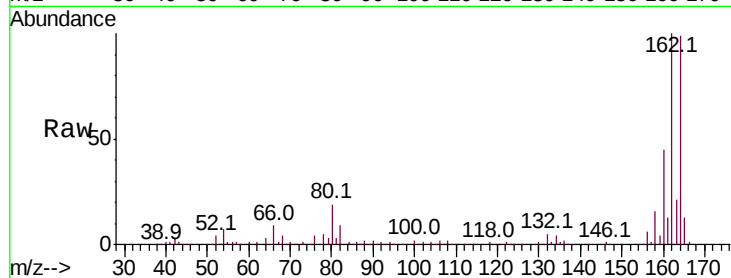
Tot Ion:164 Resp: 183946

Ion Ratio Lower Upper

164 100

162 100.8 83.0 124.6

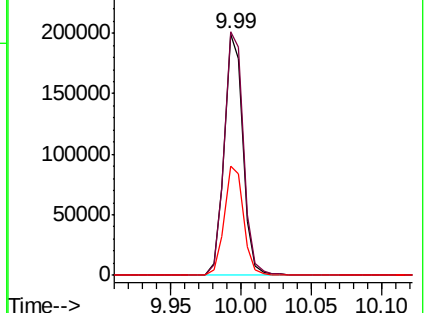
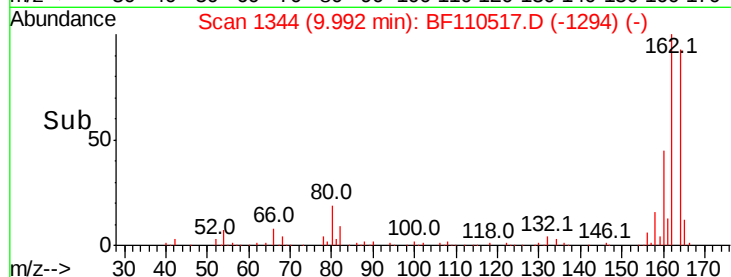
160 45.2 37.0 55.6



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: 101.110 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

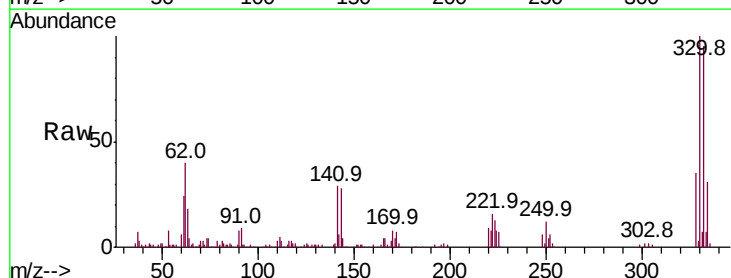
Tgt Ion:330 Resp: 184234

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

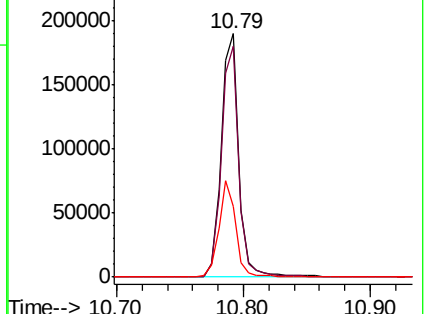
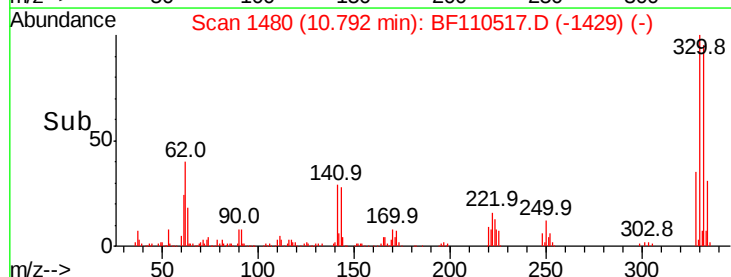
141 38.3 27.0 40.4



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

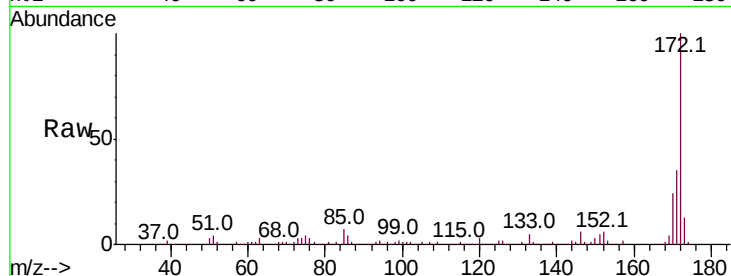




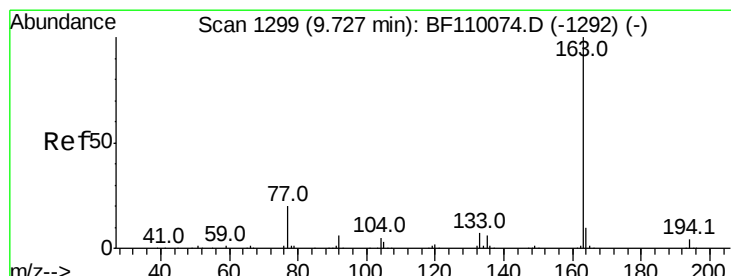
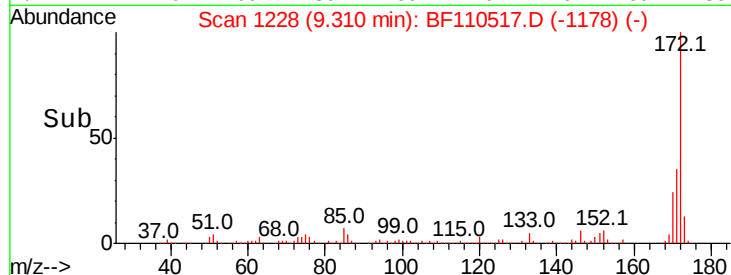
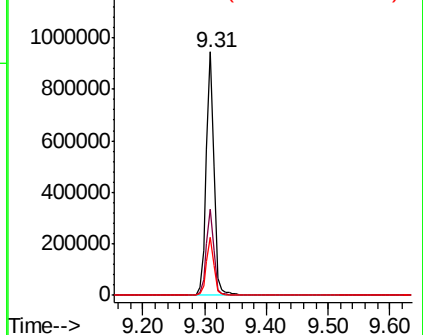
#45
 2-Fluorobiphenyl
 Concen: 71.715 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110517.D
 Acq: 6 Nov 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :
 BES48_SB02_1.5-2

Tot Ion:172 Resp: 840094
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.6 19.7 29.5

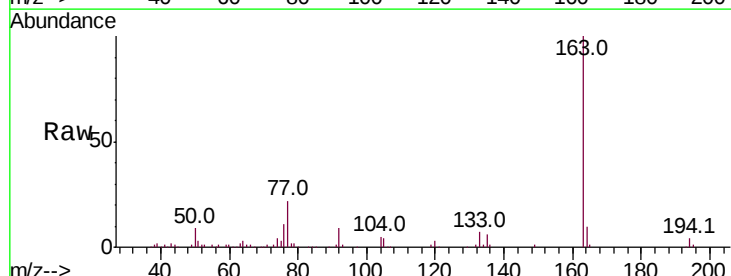


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

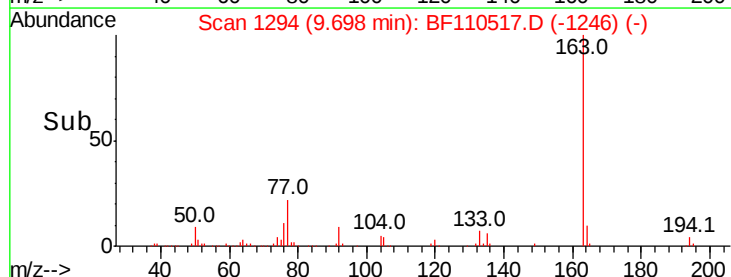
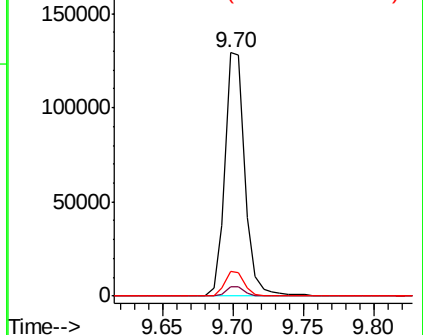


#50
 Dimethylphthalate
 Concen: 9.452 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110517.D
 Acq: 6 Nov 2018 16:14

Tgt Ion:163 Resp: 128338
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.2 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

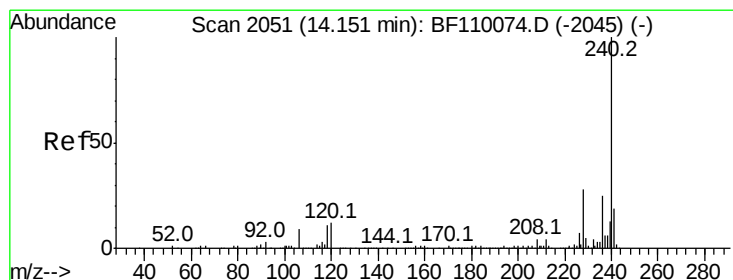
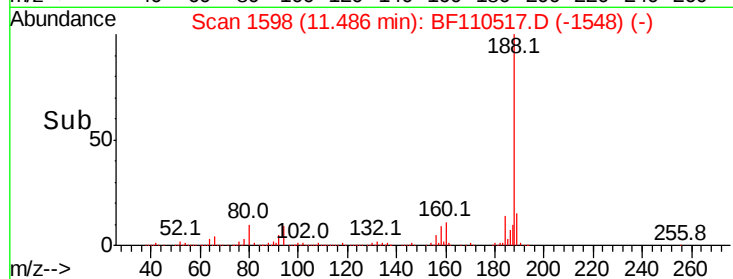
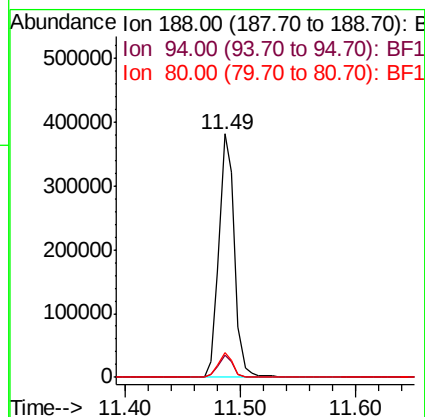
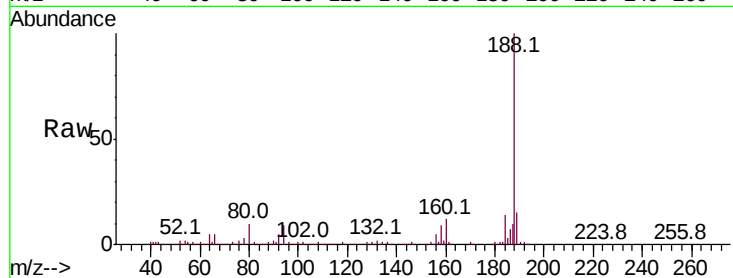




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110517.D
Acq: 6 Nov 2018 16:14

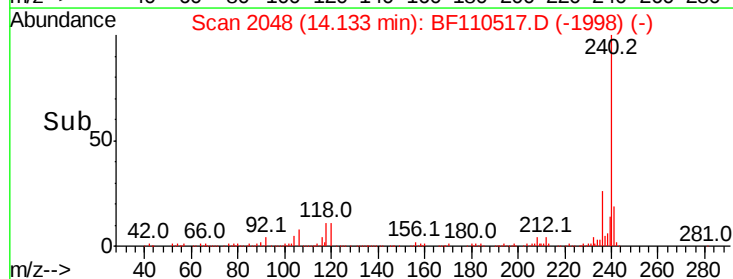
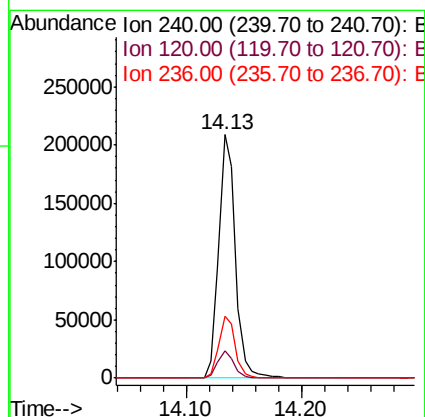
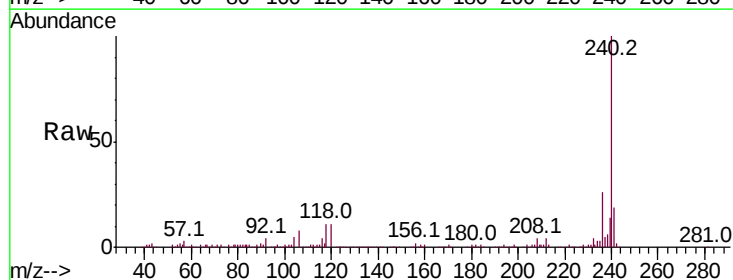
Instrument :
BNA_F
ClientSampleId :
BES48_SB02_1.5-2

Tot Ion:188 Resp: 356473
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.0 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: BF110517.D
Acq: 6 Nov 2018 16:14

Tgt Ion:240 Resp: 209173
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 75.934 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

Instrument :

BNA_F

ClientSampleId :

BES48_SB02_1.5-2

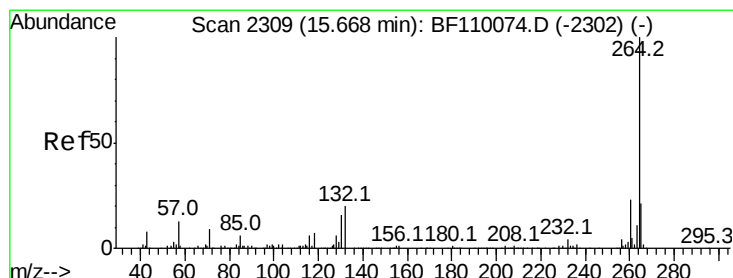
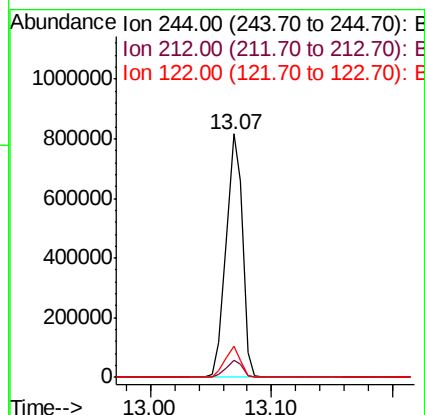
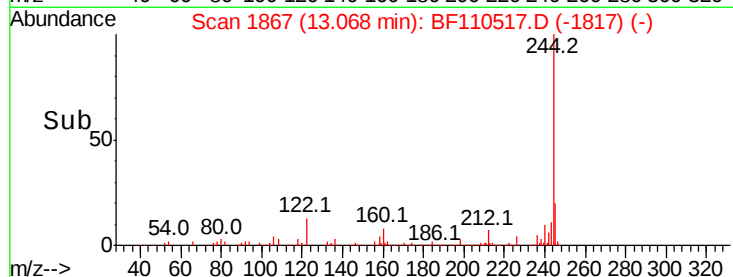
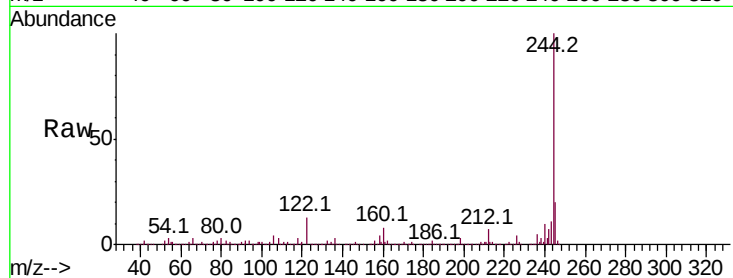
Tot Ion:244 Resp: 763728

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110517.D

Acq: 6 Nov 2018 16:14

Tgt Ion:264 Resp: 176070

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 20.6 16.7 25.1

