

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110509.D
 Acq On : 6 Nov 2018 12:31
 Operator : JU/SJ
 Sample : J5819-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BES48_SB04_0.75-1.25

Quant Time: Nov 06 15:04:29 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

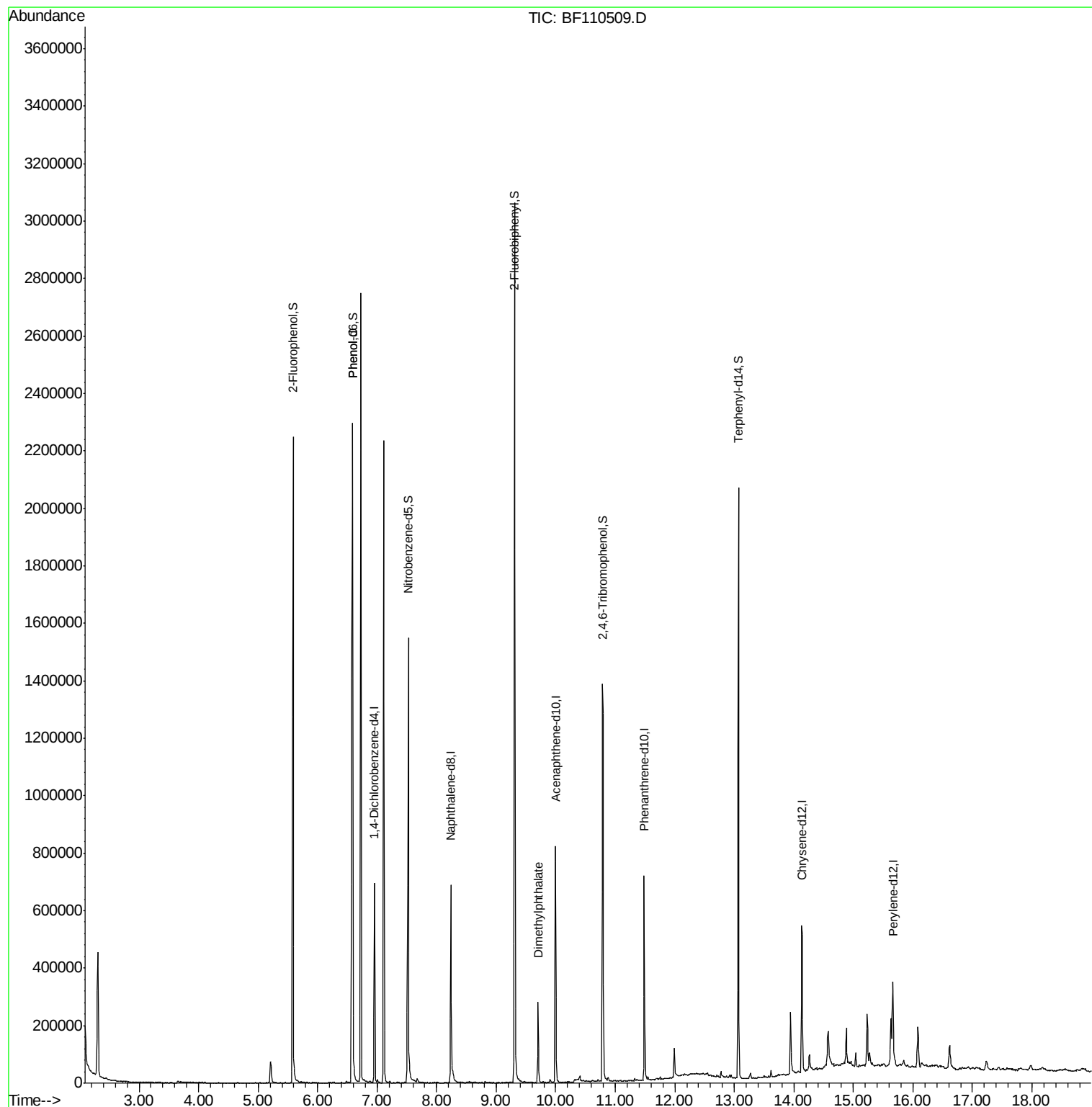
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	103376	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	409276	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	177703	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	280716	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190336	20.00	ng	0.00
87) Perylene-d12	15.66	264	149392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	702951	110.73	ng	0.01
7) Phenol-d6	6.59	99	898241	110.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	559474	81.08	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	172135	97.79	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	963530	85.14	ng	0.00
79) Terphenyl-d14	13.07	244	680696	74.38	ng	0.00
Target Compounds						
10) Phenol	6.59	94	69786	8.040	ng	Qvalue # 72
50) Dimethylphthalate	9.70	163	141226	10.766	ng	99

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

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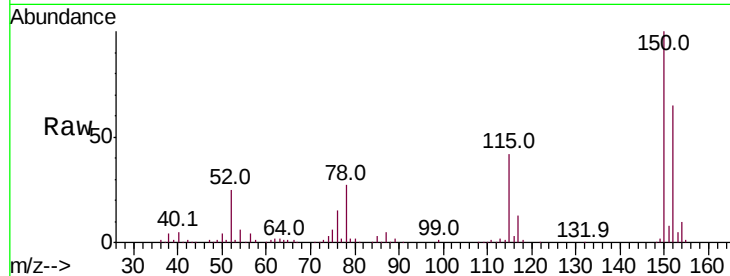


#1

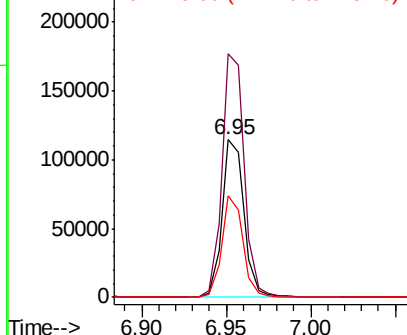
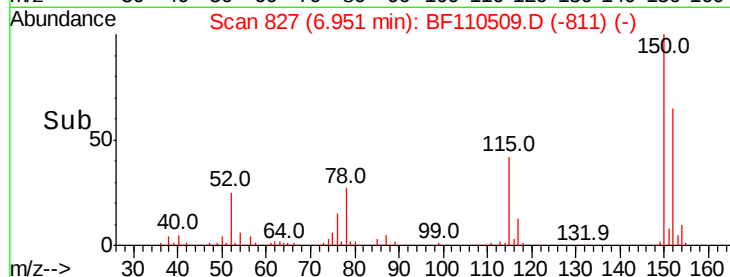
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :
 BES48_SB04_0.75-1.25

Tot Ion:152 Resp: 103376
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 64.9 49.1 73.7



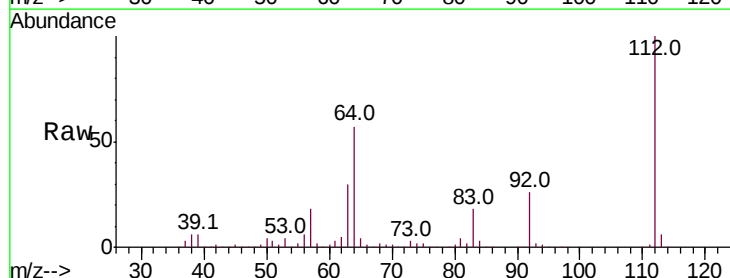
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



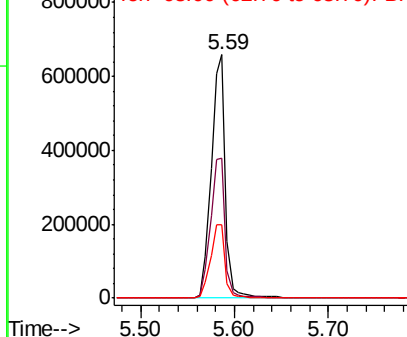
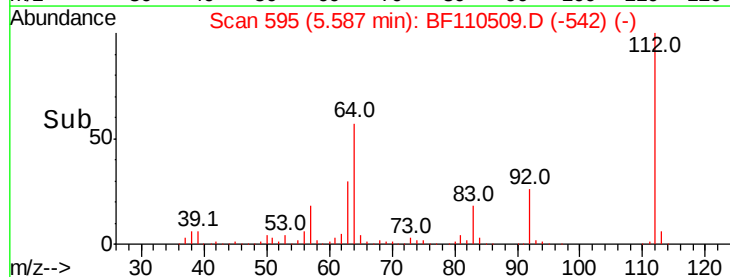
#5

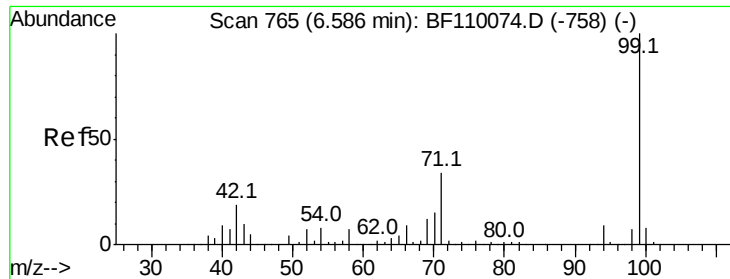
2-Fluorophenol
 Concen: 110.734 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

Tgt Ion:112 Resp: 702951
 Ion Ratio Lower Upper
 112 100
 64 57.5 44.1 66.1
 63 30.4 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: 110.625 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampleId :

BES48_SB04_0.75-1.25

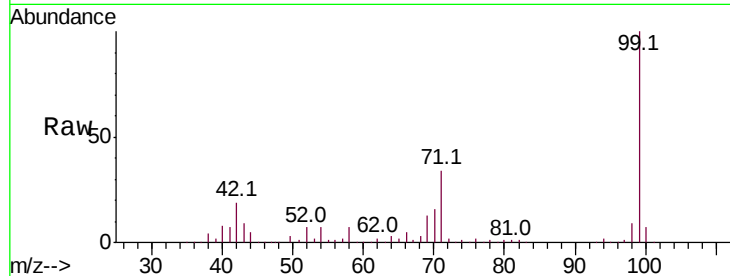
Tot Ion: 99 Resp: 898241

Ion Ratio Lower Upper

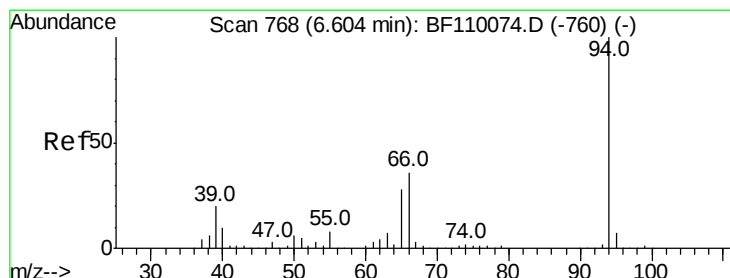
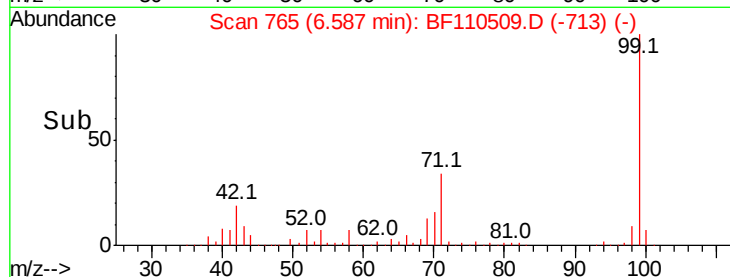
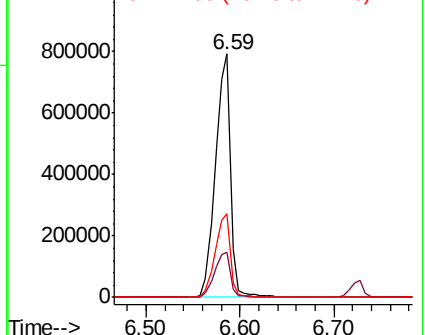
99 100

42 18.6 15.8 23.6

71 34.3 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: 8.040 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

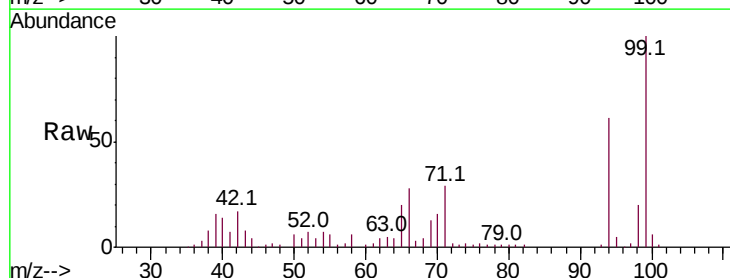
Tgt Ion: 94 Resp: 69786

Ion Ratio Lower Upper

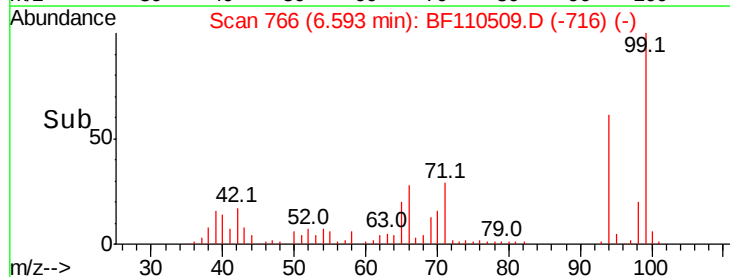
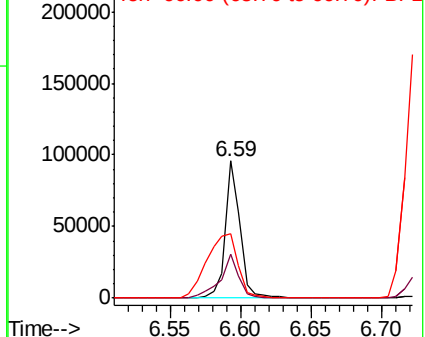
94 100

65 32.2 25.3 65.3

66 46.5 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

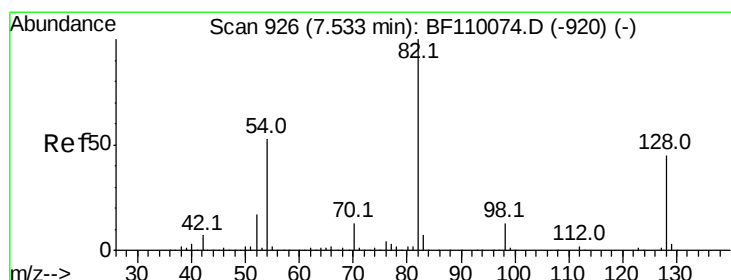
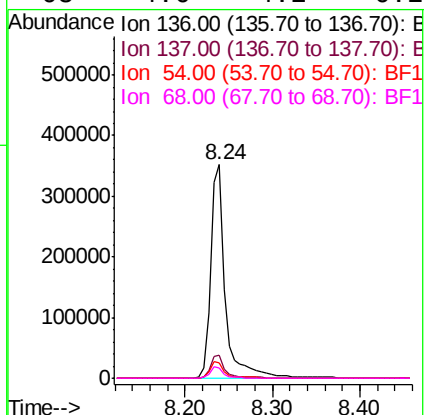
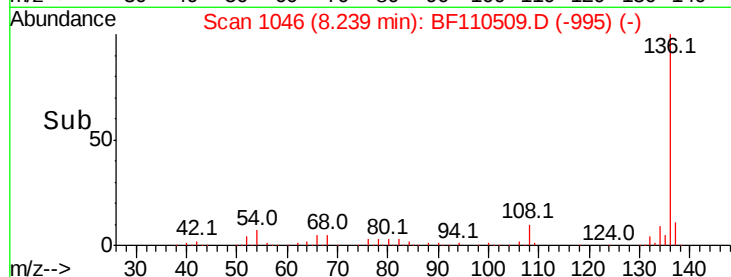
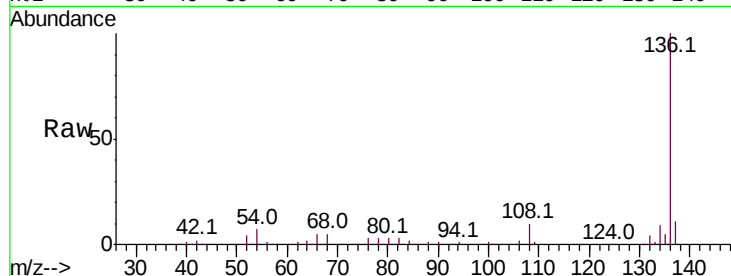




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

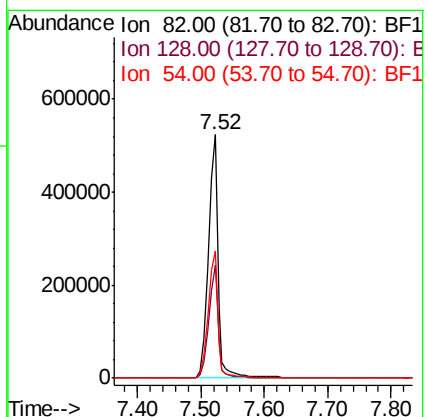
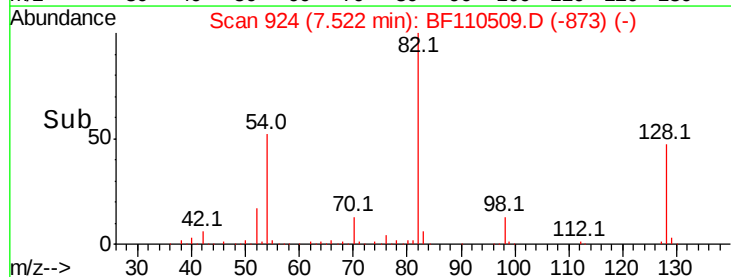
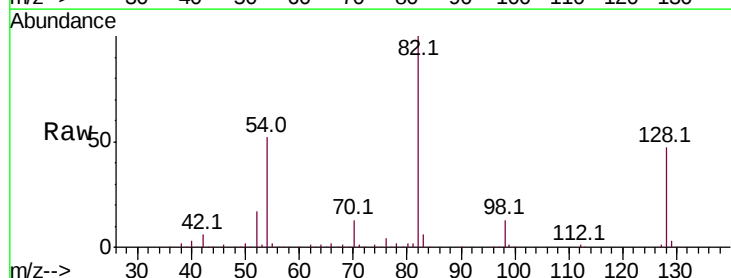
Instrument :
BNA_F
ClientSampleId :
BES48_SB04_0.75-1.25

Tot Ion:	136	Resp:	409276
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.4	8.2
68	4.6	4.2	6.2



#23
Nitrobenzene-d5
Concen: 81.080 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Tgt Ion:	82	Resp:	559474
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	52.3	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: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampleId :

BES48_SB04_0.75-1.25

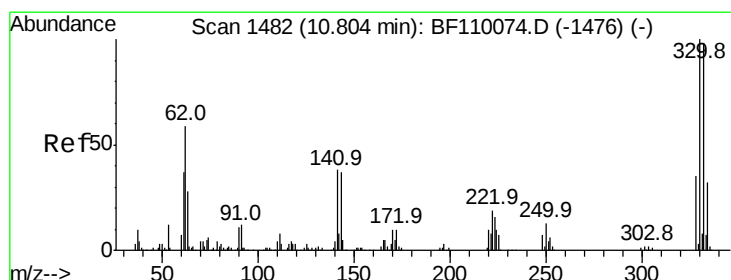
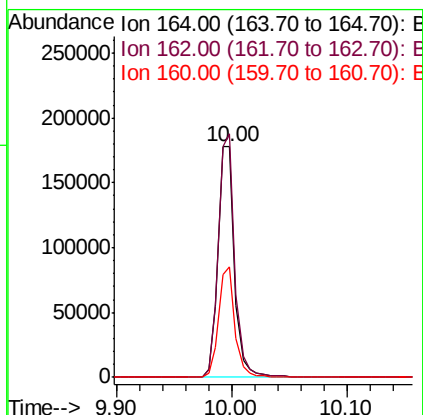
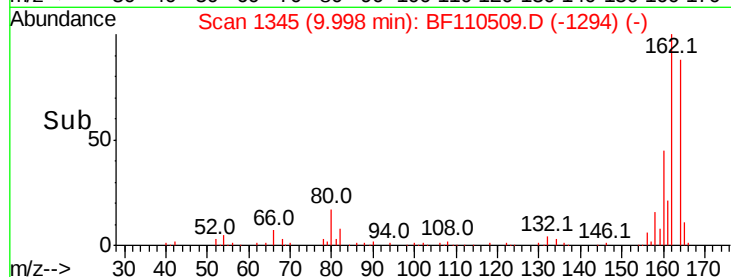
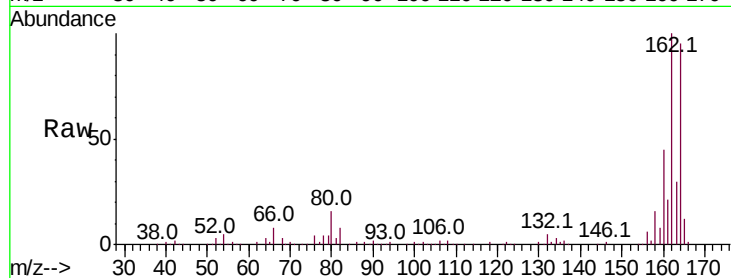
Tot Ion:164 Resp: 177703

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

160 47.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 97.789 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

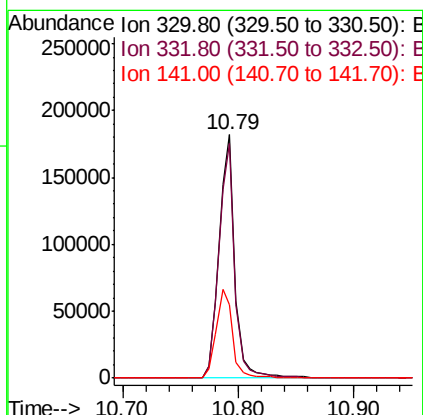
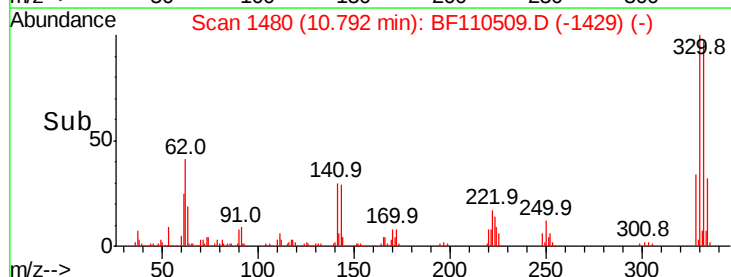
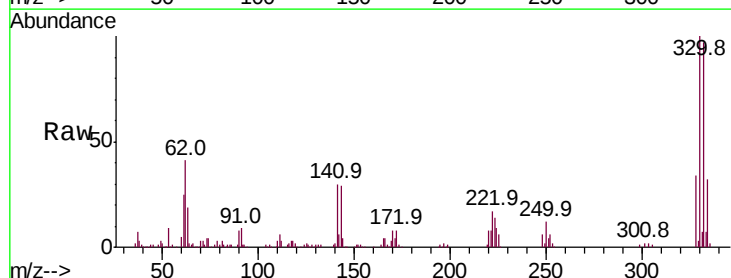
Tgt Ion:330 Resp: 172135

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 38.2 27.0 40.4

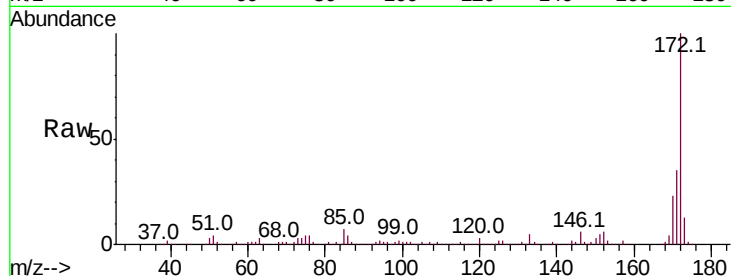




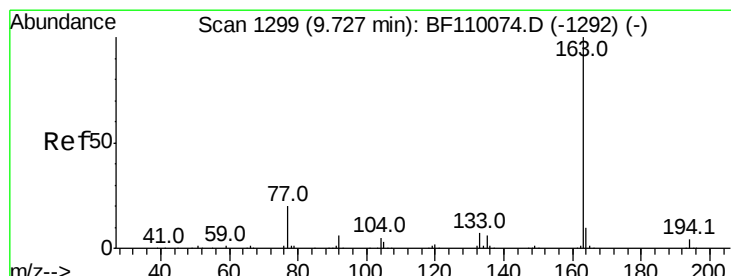
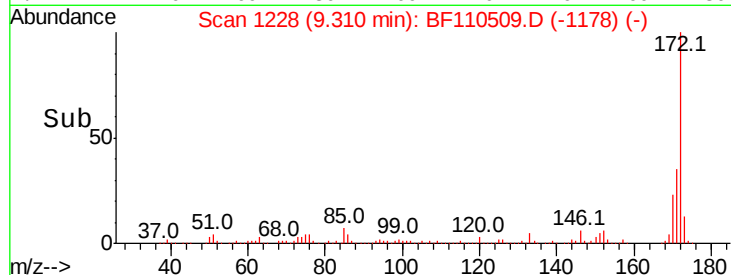
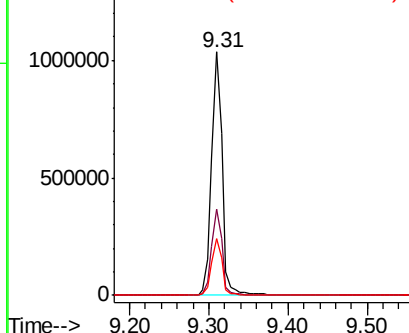
#45
2-Fluorobiphenyl
Concen: 85.142 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Instrument :
BNA_F
ClientSampleId :
BES48_SB04_0.75-1.25

Tot Ion:172 Resp: 963530
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.2 19.7 29.5

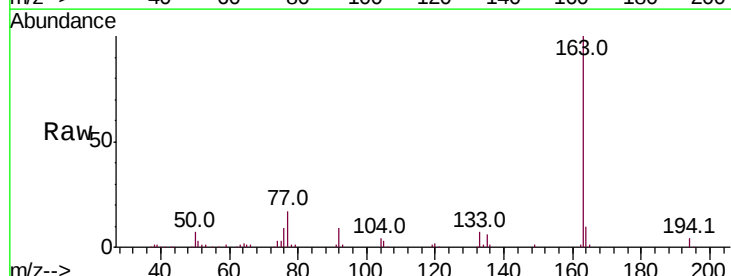


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

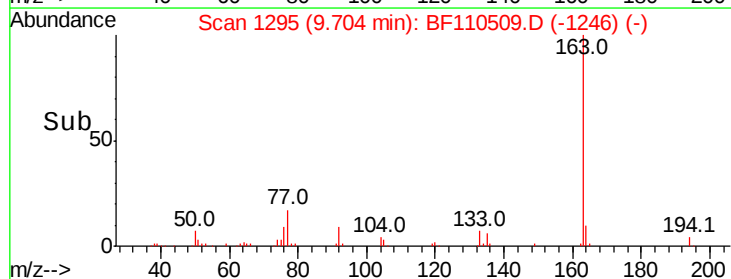
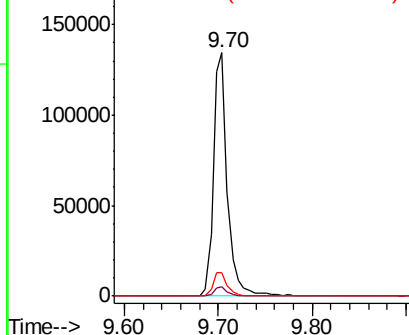


#50
Dimethylphthalate
Concen: 10.766 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Tgt Ion:163 Resp: 141226
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 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: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampleId :

BES48_SB04_0.75-1.25

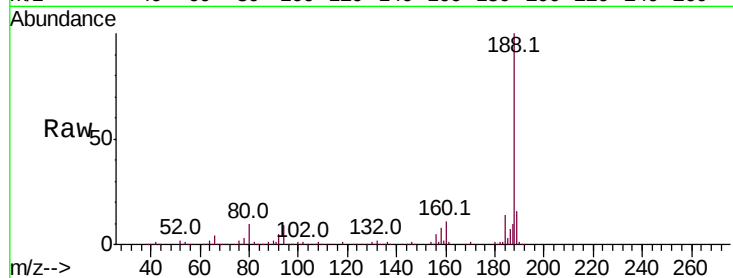
Tot Ion:188 Resp: 280716

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

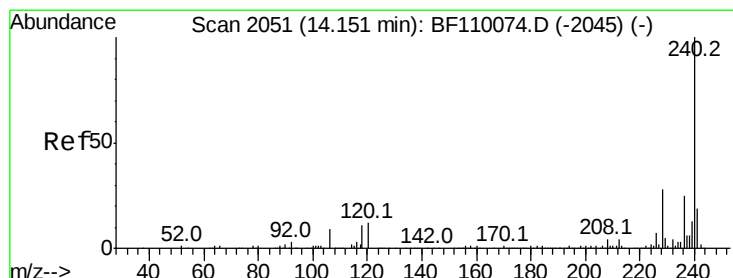
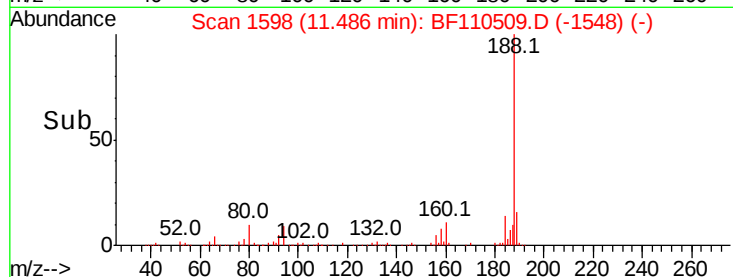
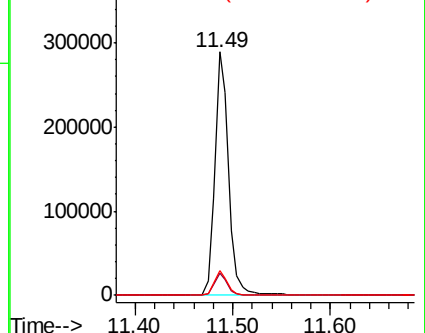
80 10.4 7.9 11.9



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: BF110509.D

Acq: 6 Nov 2018 12:31

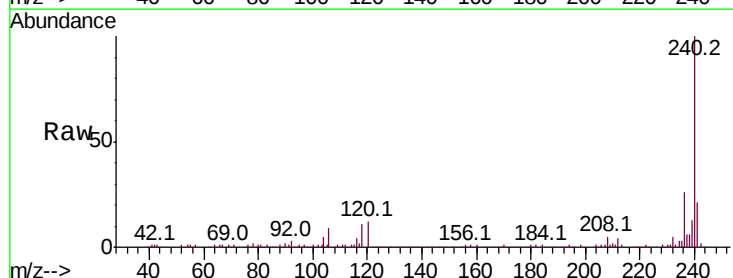
Tgt Ion:240 Resp: 190336

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

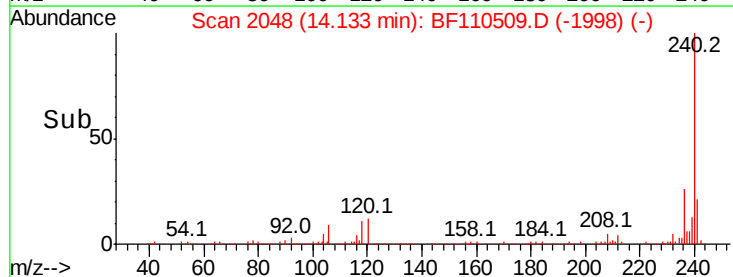
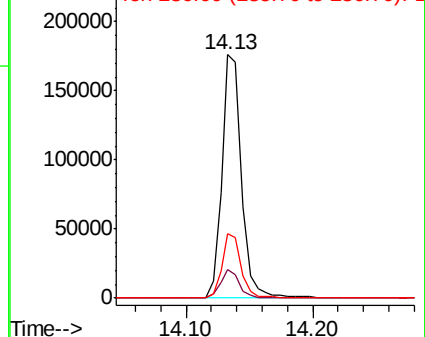
236 26.2 21.2 31.8



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: 74.376 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

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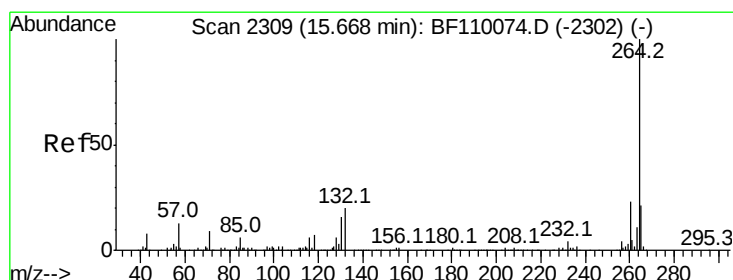
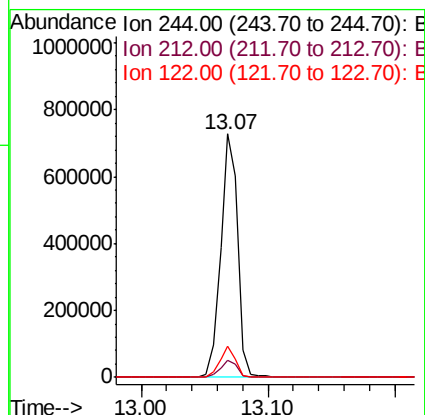
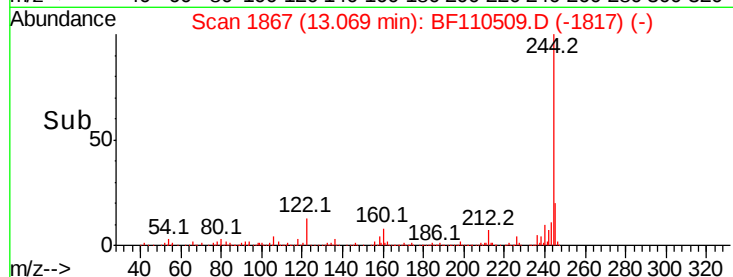
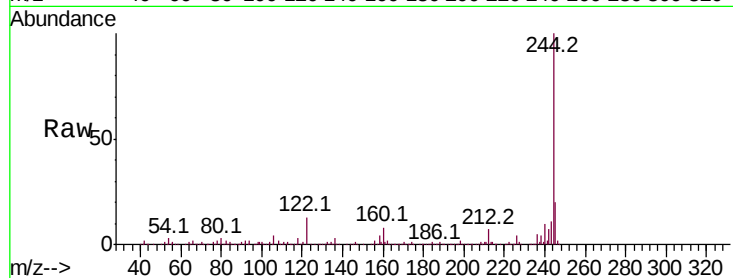
Tot Ion:244 Resp: 680696

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.9 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: BF110509.D

Acq: 6 Nov 2018 12:31

Tgt Ion:264 Resp: 149392

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.5 16.7 25.1

