

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110665.D
 Acq On : 10 Nov 2018 8:56
 Operator : JU/SJ
 Sample : J5881-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110718-DBRI-E-U-S

Quant Time: Nov 11 04:26:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

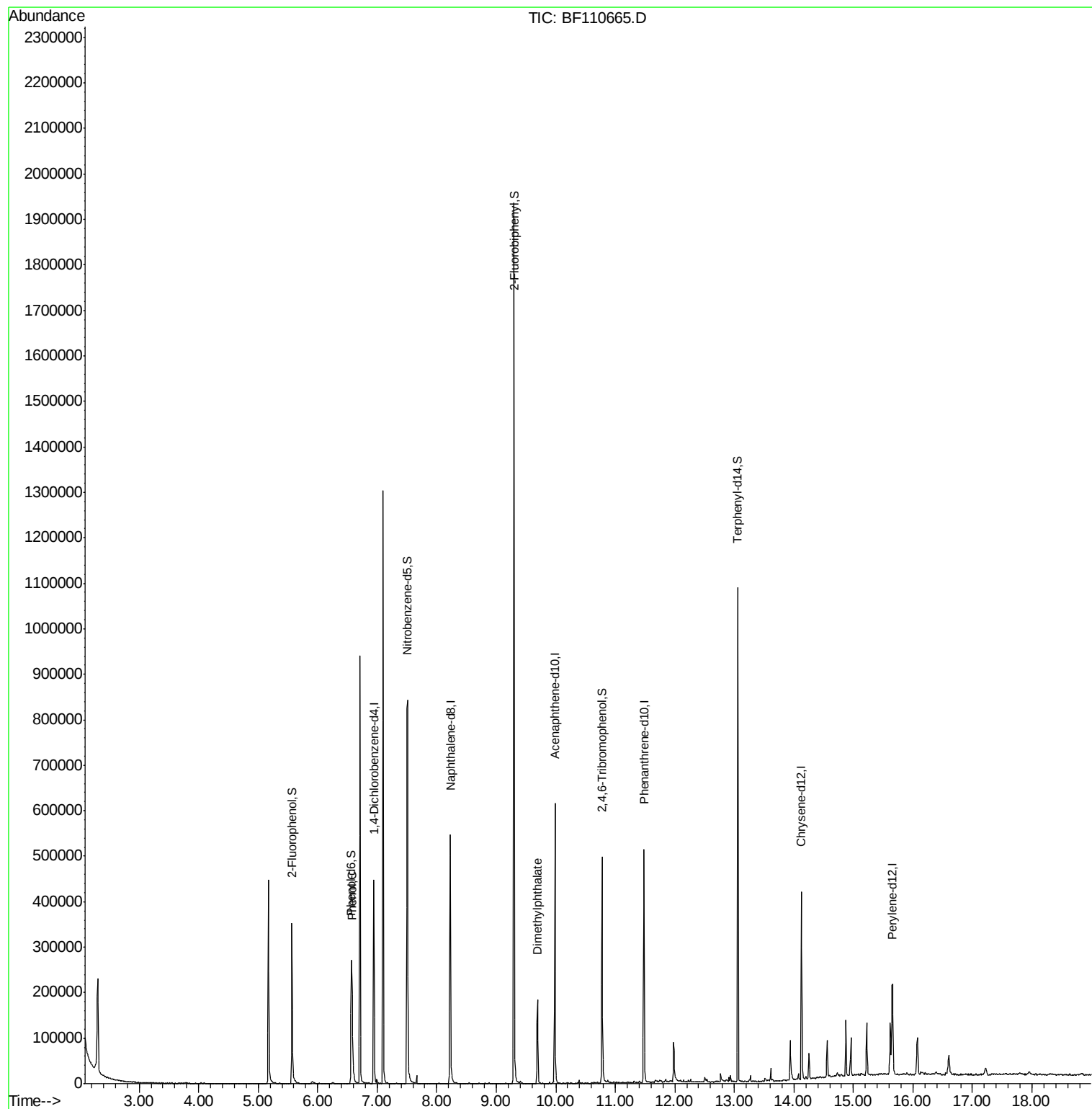
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72710	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	305165	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	130485	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	199364	20.00	ng	0.00
76) Chrysene-d12	14.13	240	140715	20.00	ng	-0.01
87) Perylene-d12	15.66	264	106092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	116209	25.96	ng	0.00
7) Phenol-d6	6.56	99	85716	14.97	ng	-0.01
23) Nitrobenzene-d5	7.51	82	319850	60.36	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	62166	47.28	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	598812	65.54	ng	0.00
79) Terphenyl-d14	13.06	244	363391	48.36	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	86498	13.032	ng	Qvalue # 65
50) Dimethylphthalate	9.69	163	84860	8.716	ng	99

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

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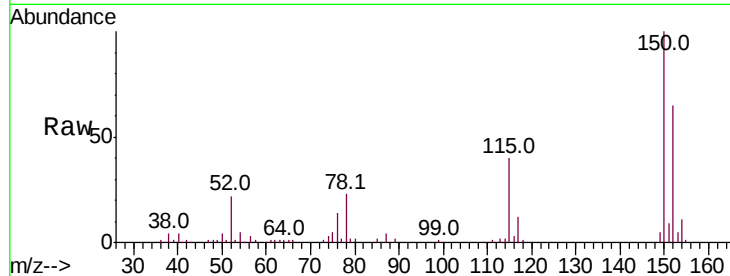


#1

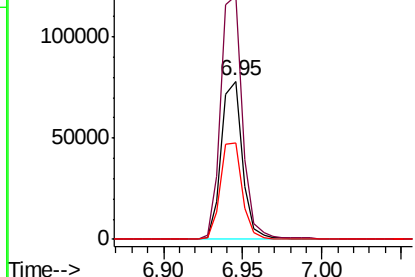
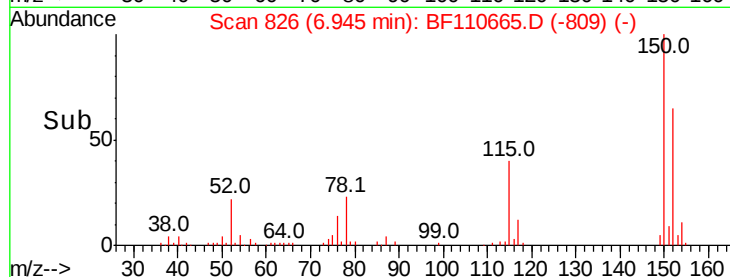
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-U-S

Tot Ion:152 Resp: 72710
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 61.4 49.1 73.7



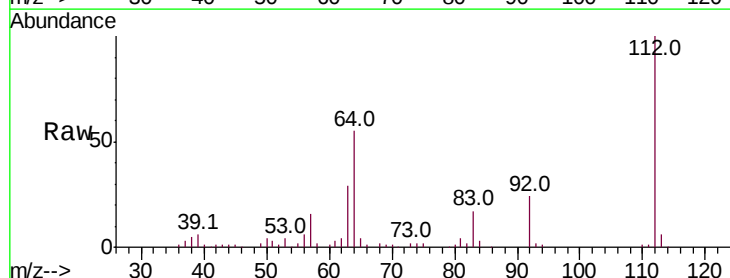
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



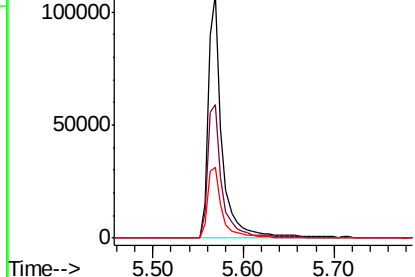
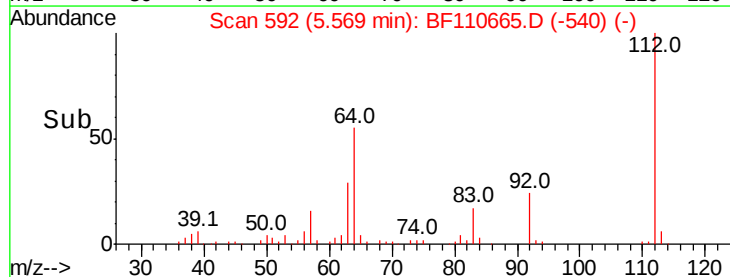
#5

2-Fluorophenol
Concen: 25.961 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Tgt Ion:112 Resp: 116209
Ion Ratio Lower Upper
112 100
64 54.9 44.1 66.1
63 29.0 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: 14.974 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-U-S

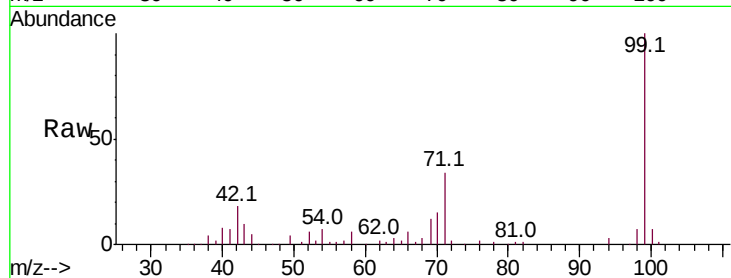
Tot Ion: 99 Resp: 85716

Ion Ratio Lower Upper

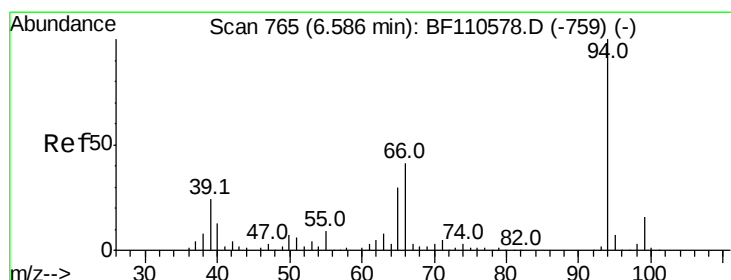
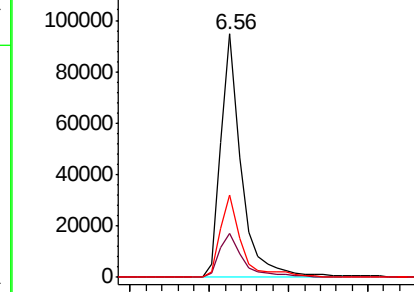
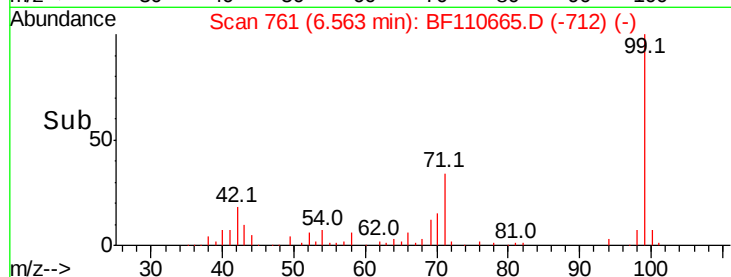
99 100

42 18.0 15.8 23.6

71 34.0 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



#10

Phenol

Concen: 13.032 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

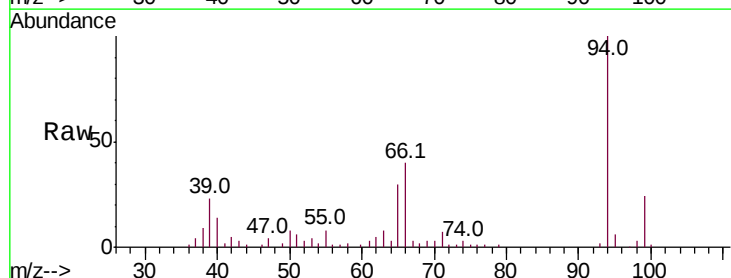
Tgt Ion: 94 Resp: 86498

Ion Ratio Lower Upper

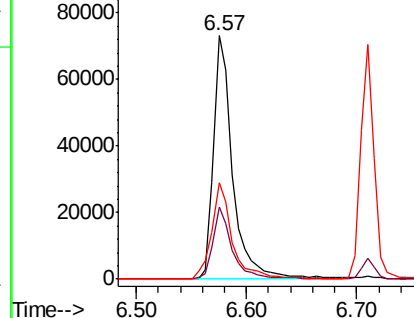
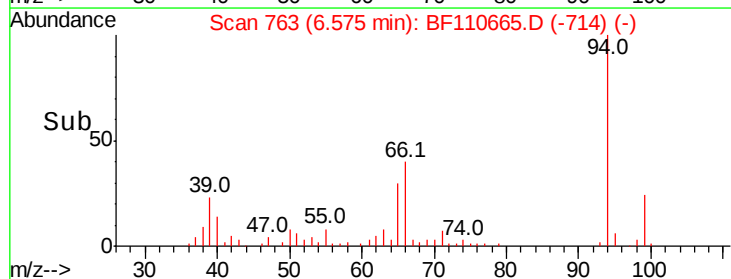
94 100

65 29.6 25.3 65.3

66 39.6 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

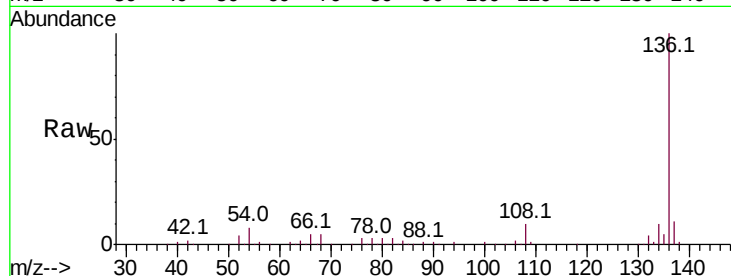




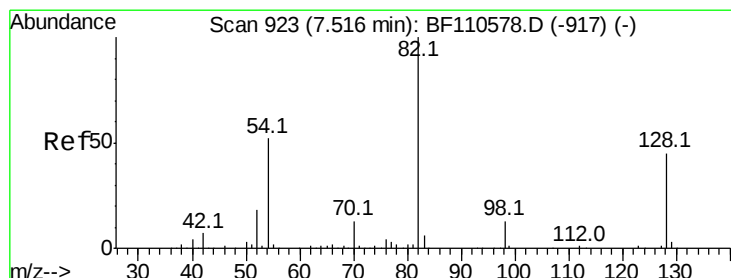
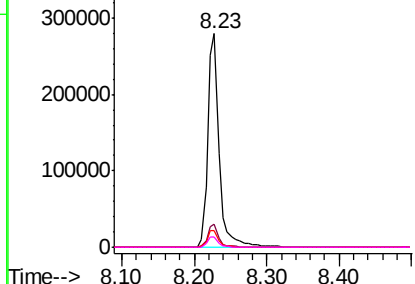
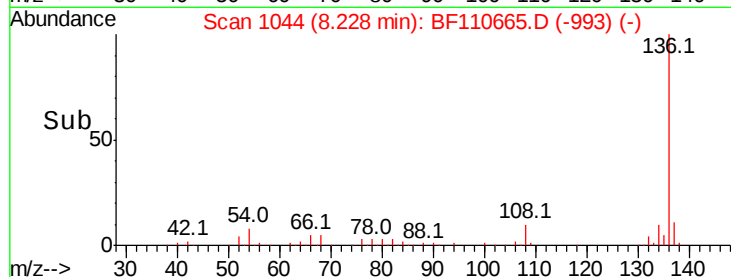
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-U-S

Tot Ion:136	Resp:	305165
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.5	5.4 8.2
68	5.0	4.2 6.2

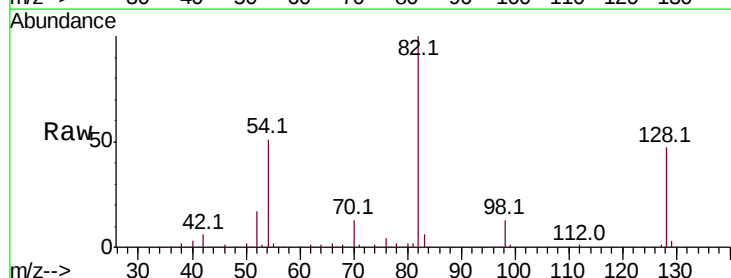


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

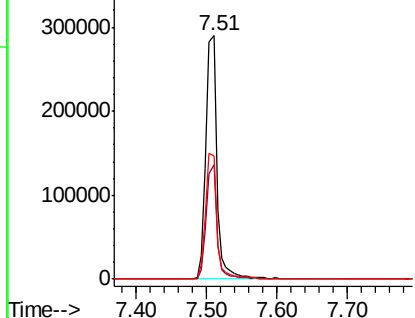
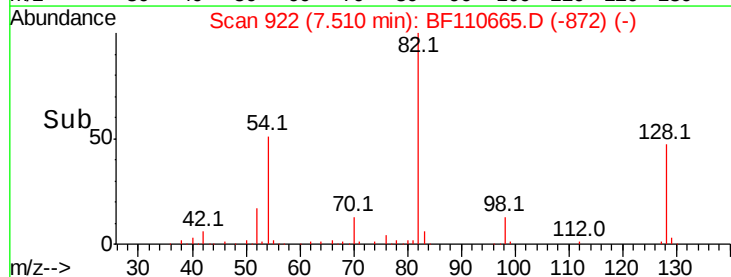


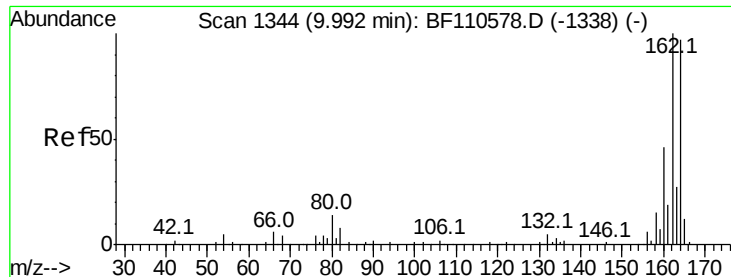
#23
Nitrobenzene-d5
Concen: 60.361 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Tgt Ion: 82	Resp:	319850
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.2 51.2
54	50.9	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

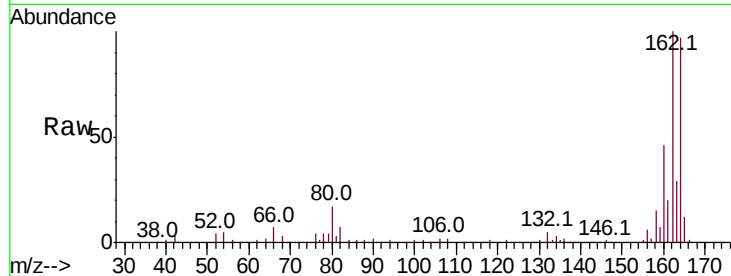




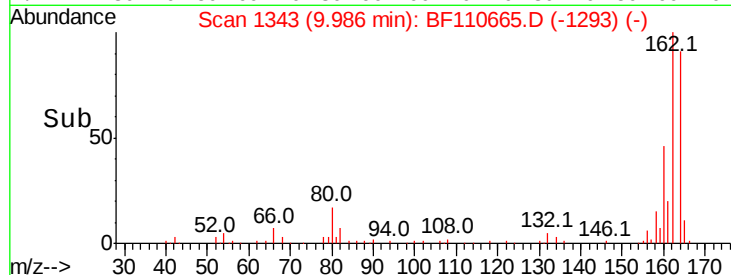
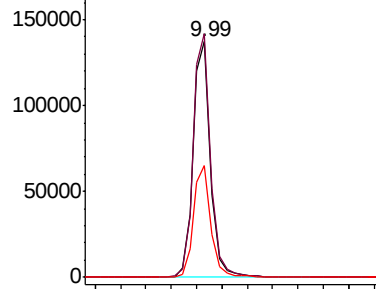
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Instrument :
BNA_F
ClientSampleId :
110718-DBRI-E-U-S

Tot Ion:164 Resp: 130485
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 47.5 37.0 55.6

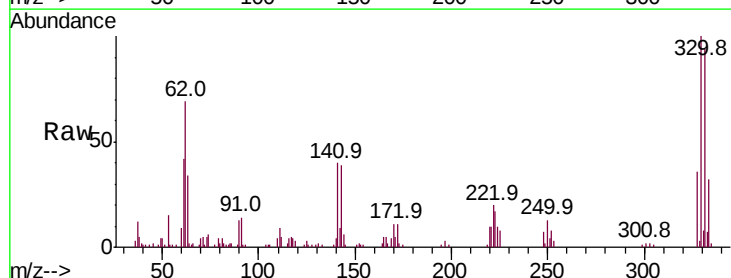


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

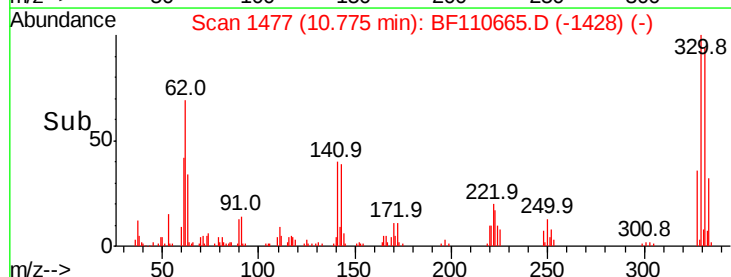
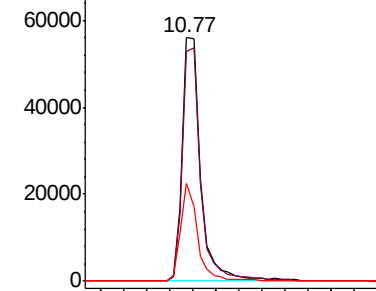


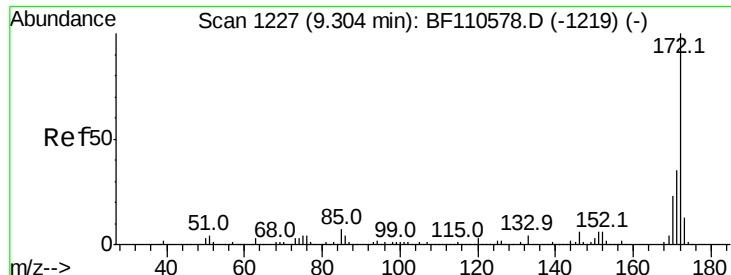
#42
2,4,6-Tribromophenol
Concen: 47.282 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Tgt Ion:330 Resp: 62166
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 37.0 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

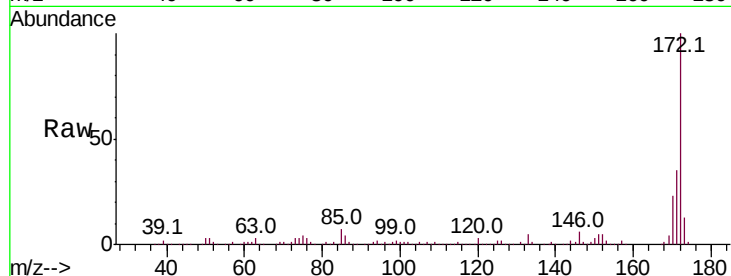




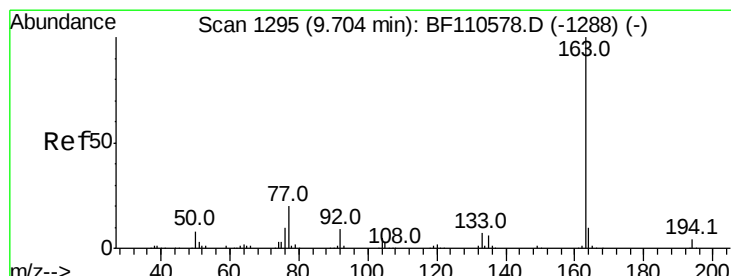
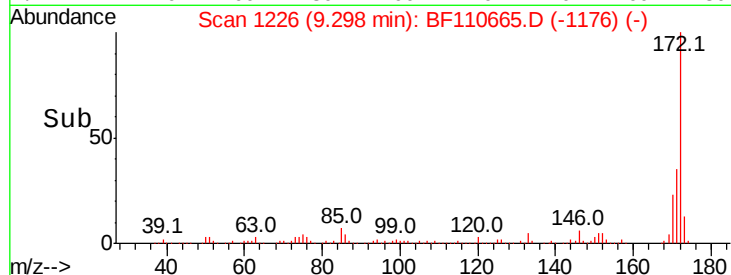
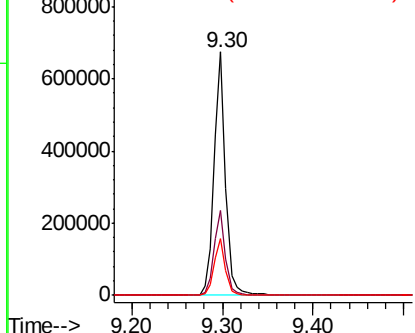
#45
 2-Fluorobiphenyl
 Concen: 65.541 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Instrument :
 BNA_F
 ClientSampleId :
 110718-DBRI-E-U-S

Tot Ion:172 Resp: 598812
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.2 19.7 29.5

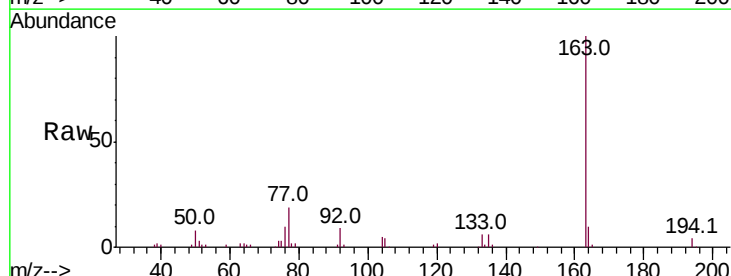


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

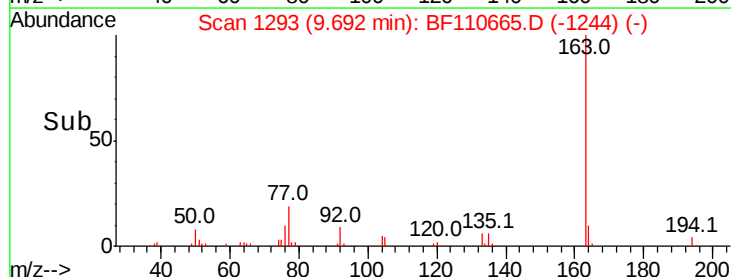
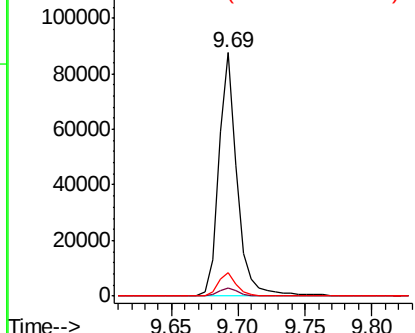


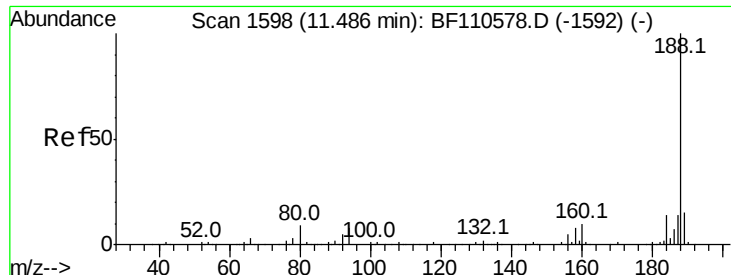
#50
 Dimethylphthalate
 Concen: 8.716 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Tgt Ion:163 Resp: 84860
 Ion Ratio Lower Upper
 163 100
 194 3.5 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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

Instrument :

BNA_F

ClientSampleId :

110718-DBRI-E-U-S

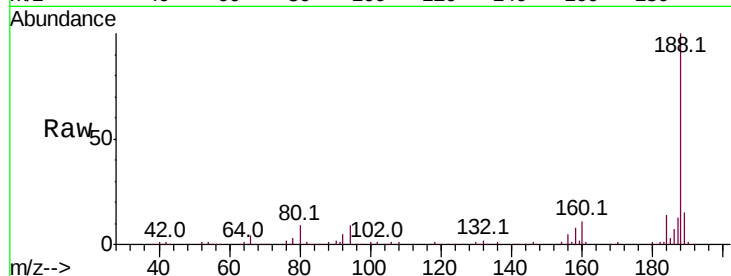
Tot Ion:188 Resp: 199364

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

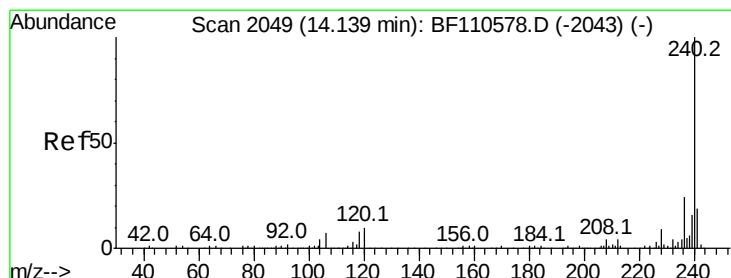
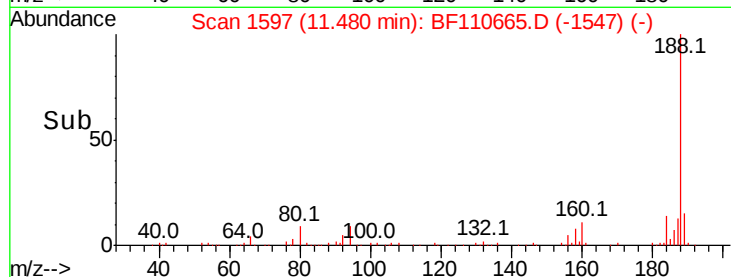
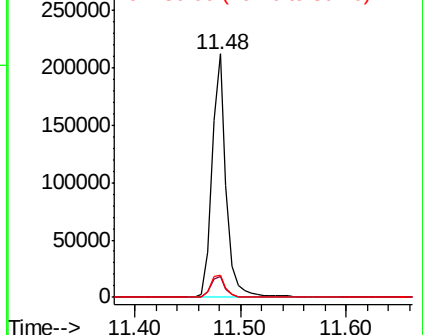
80 9.0 7.9 11.9



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# 2047

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

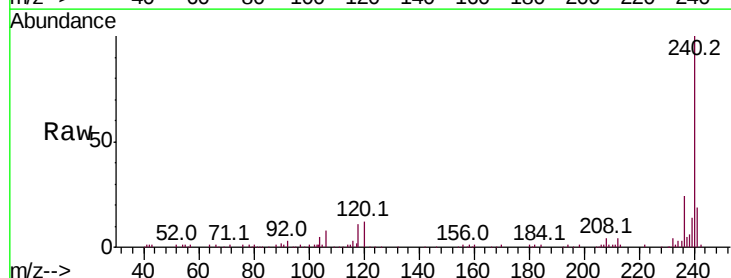
Tgt Ion:240 Resp: 140715

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

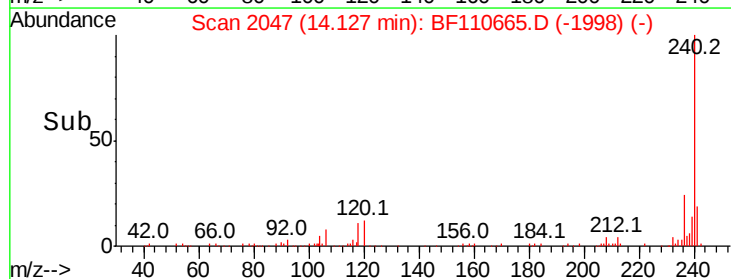
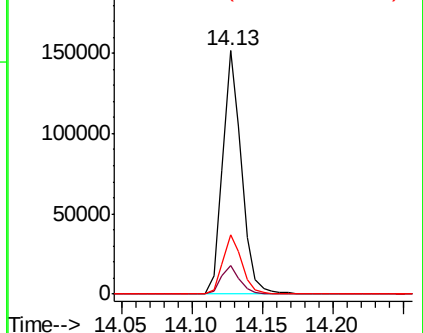
236 24.4 21.2 31.8

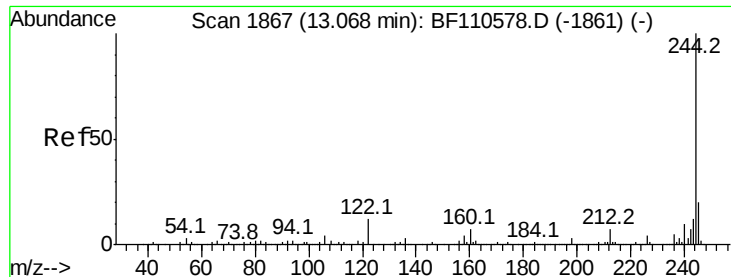


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 48.363 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

Instrument :

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110718-DBRI-E-U-S

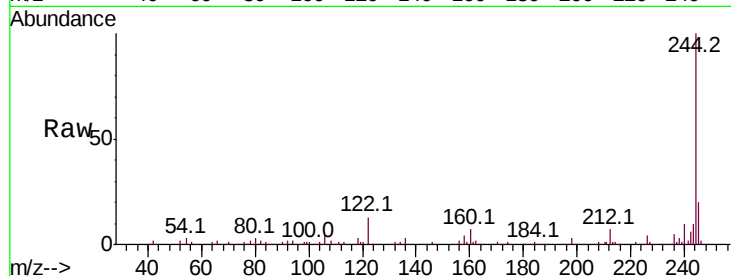
Tot Ion:244 Resp: 363391

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

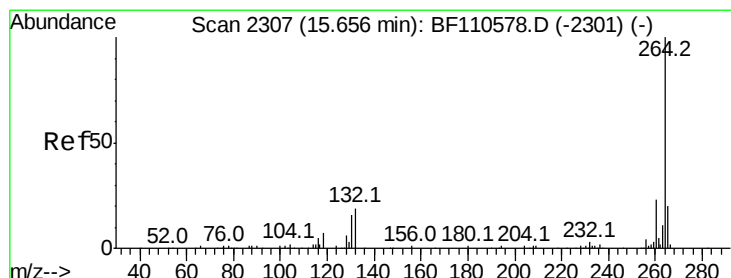
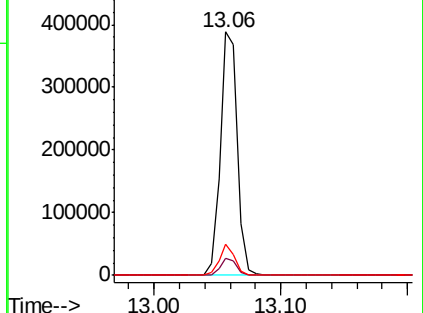
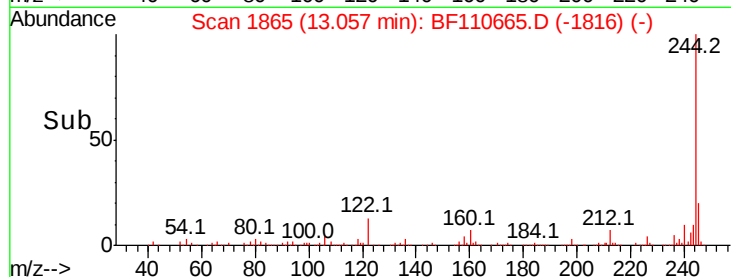
122 12.8 8.7 13.1



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: BF110665.D

Acq: 10 Nov 2018 8:56

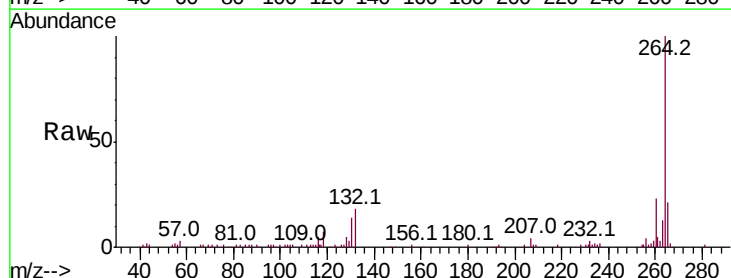
Tgt Ion:264 Resp: 106092

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.0 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

