

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108971.D
 Acq On : 13 Sep 2018 18:22
 Operator : JU/SJ
 Sample : J4873-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NF-CON-2

Quant Time: Sep 14 02:16:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

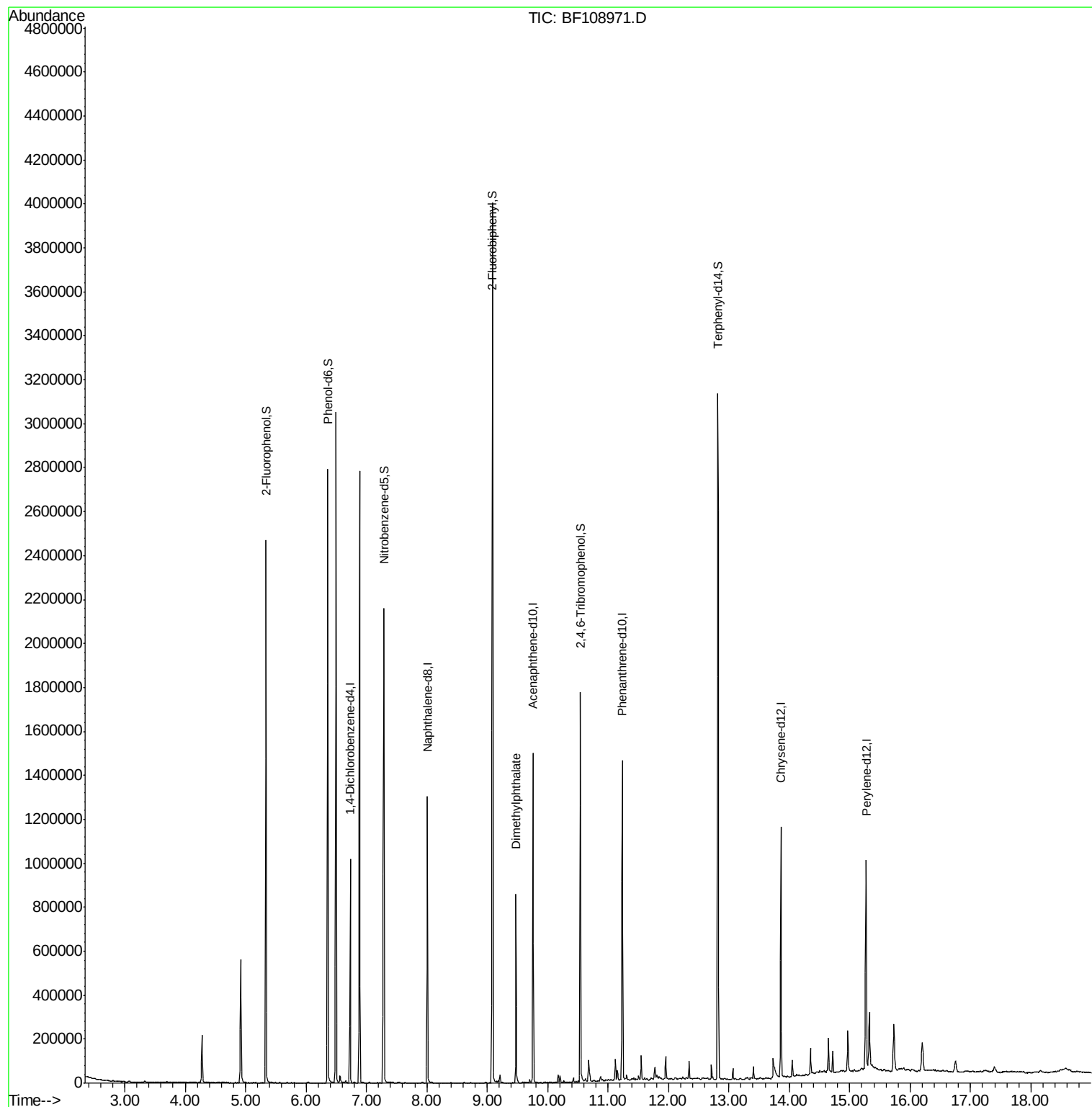
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	151115	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	572064	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	272277	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	478632	20.00	ng	0.00
75) Chrysene-d12	13.86	240	375539	20.00	ng	0.00
86) Perylene-d12	15.27	264	413475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	745896	81.77	ng	0.00
7) Phenol-d6	6.36	99	1101328	93.84	ng	0.00
23) Nitrobenzene-d5	7.29	82	724969	79.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	201494	77.52	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1291418	80.92	ng	0.00
78) Terphenyl-d14	12.82	244	1111397	69.01	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	301009	15.806	ng	99

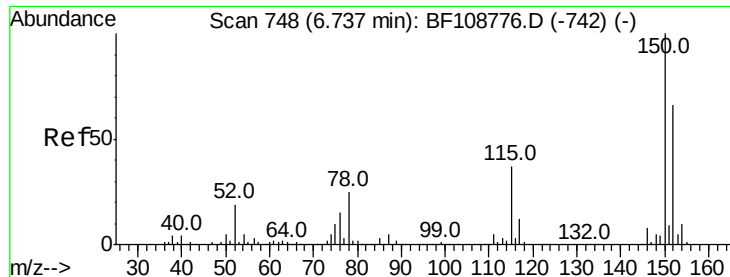
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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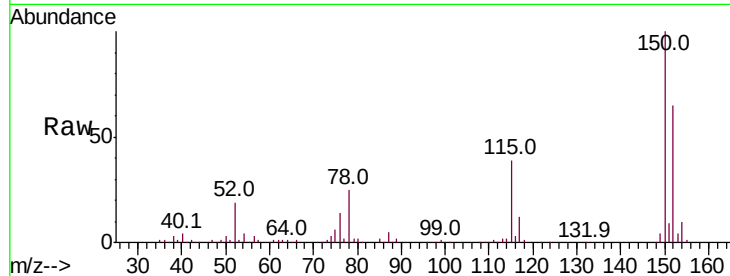


#1

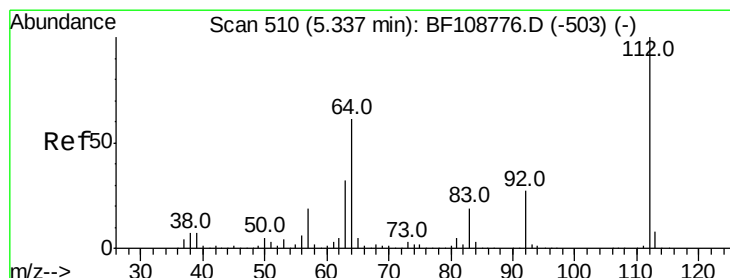
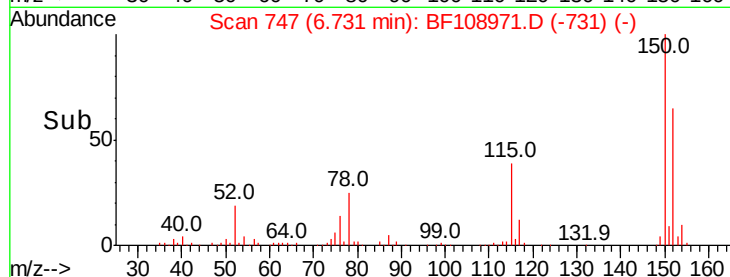
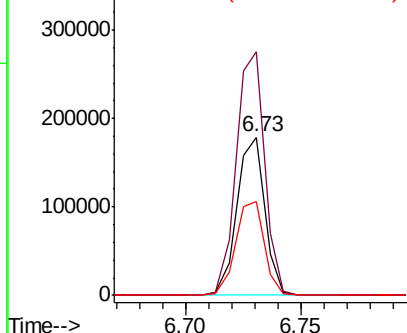
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Instrument :
BNA_F
ClientSampleId :
NF-CON-2

Tot Ion:152 Resp: 151115
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 59.4 50.1 75.1



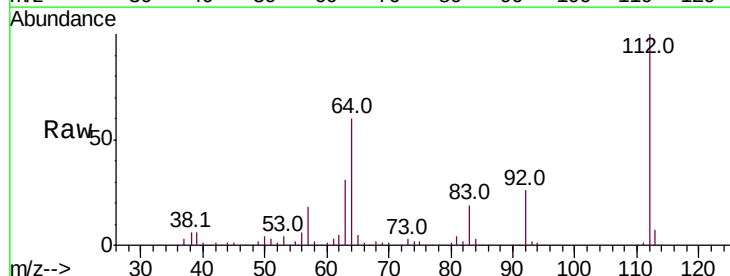
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



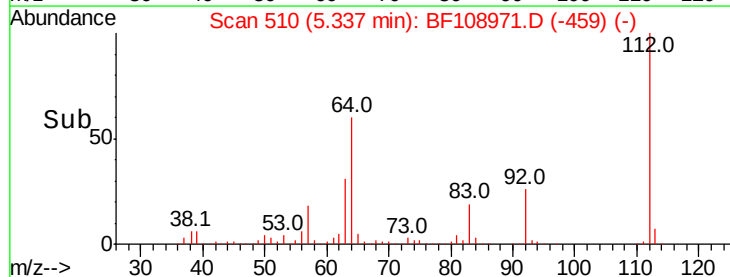
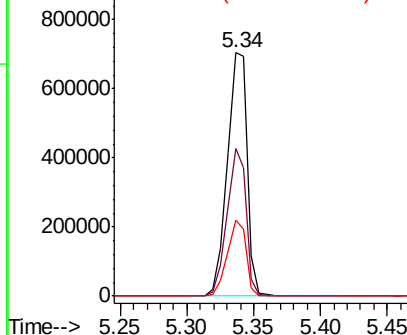
#5

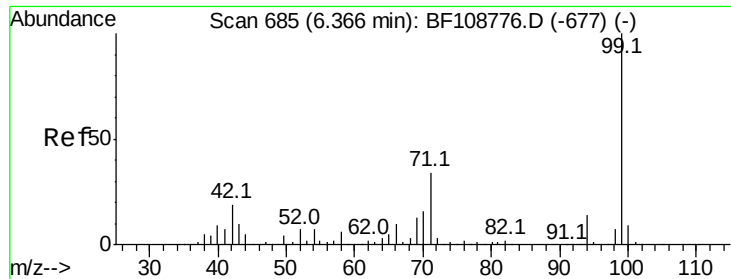
2-Fluorophenol
Concen: 81.772 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Tgt Ion:112 Resp: 745896
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.0 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: 93.839 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Instrument :

BNA_F

ClientSampleId :

NF-CON-2

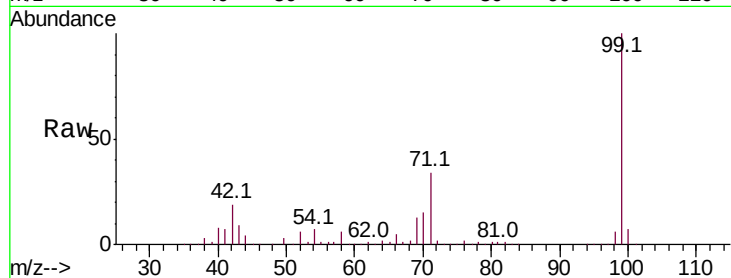
Tot Ion: 99 Resp: 1101328

Ion Ratio Lower Upper

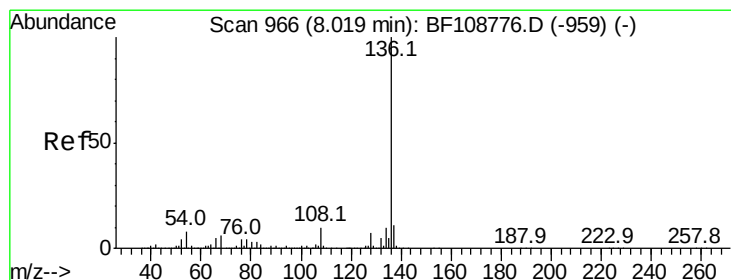
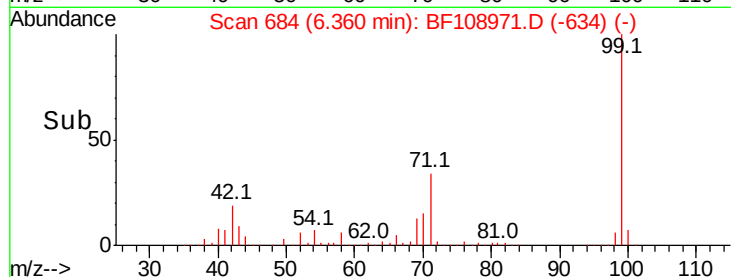
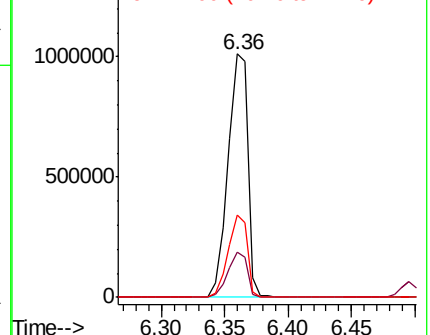
99 100

42 18.7 14.5 21.7

71 34.1 25.4 38.0



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: 8.01 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Tgt Ion: 136 Resp: 572064

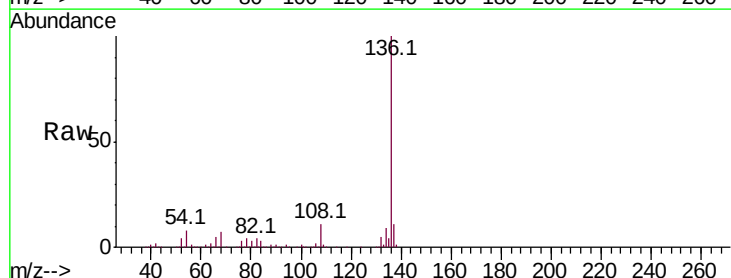
Ion Ratio Lower Upper

136 100

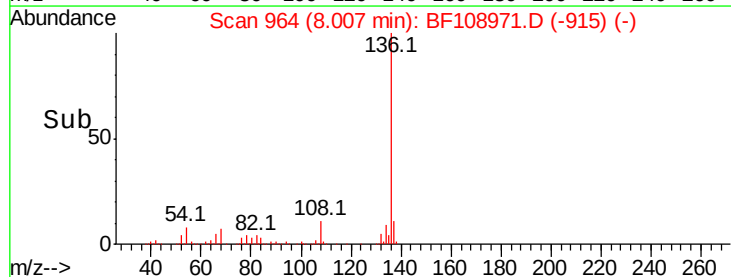
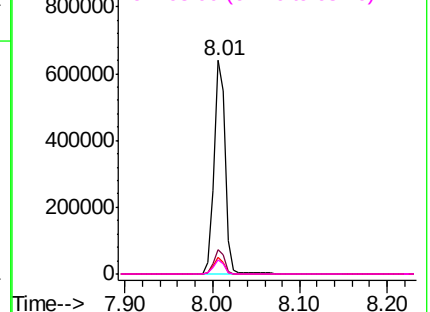
137 11.3 8.9 13.3

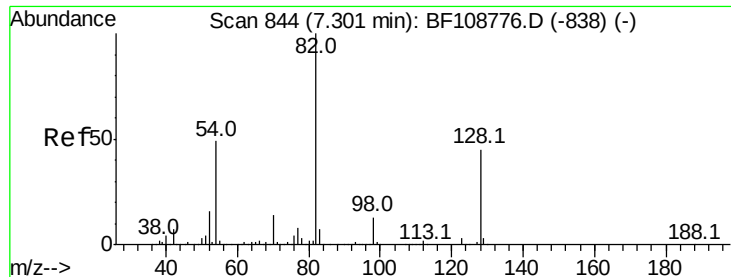
54 7.7 6.6 9.8

68 6.7 5.0 7.4



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

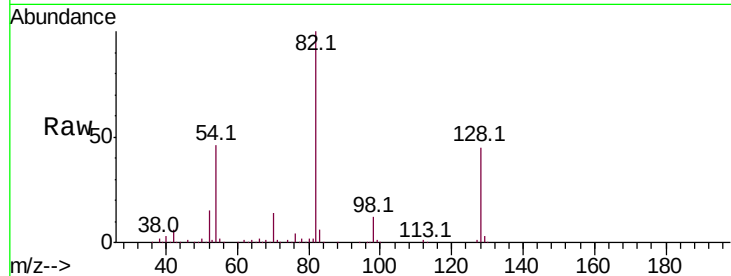




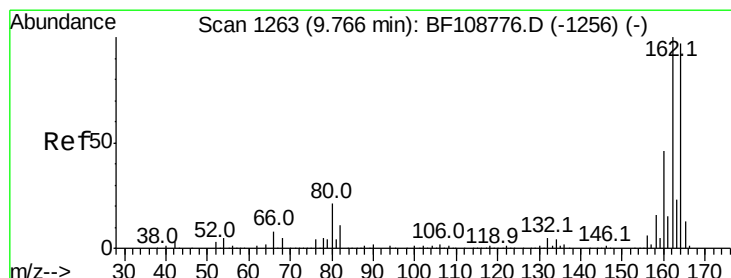
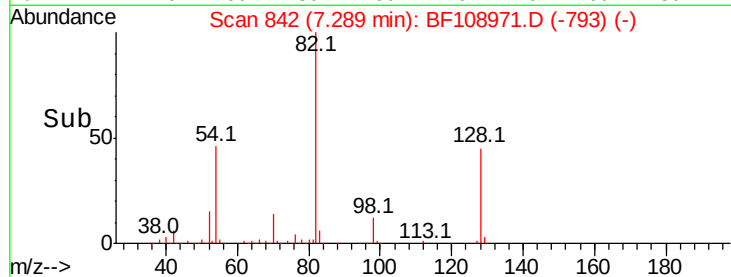
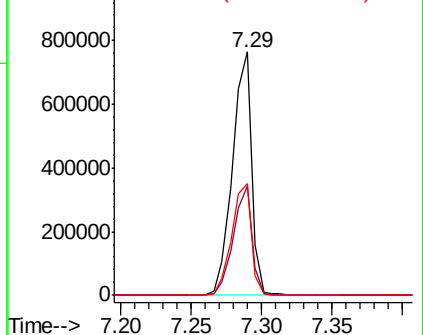
#23
 Nitrobenzene-d5
 Concen: 79.308 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :
 NF-CON-2

Tot Ion	82	Resp	724969
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	46.1	41.4	62.2

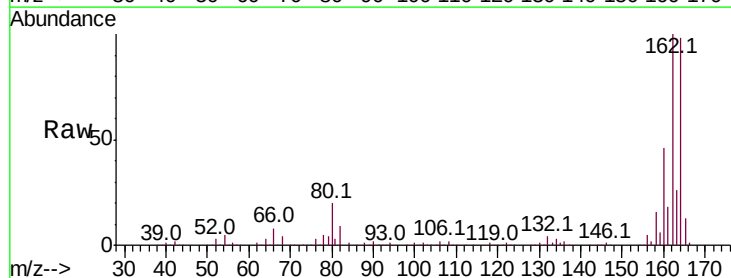


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

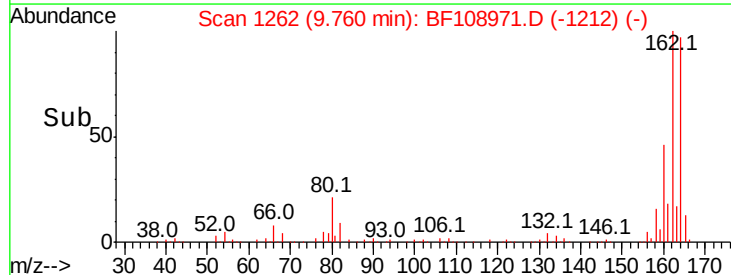
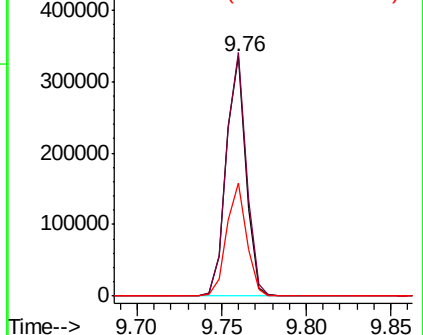


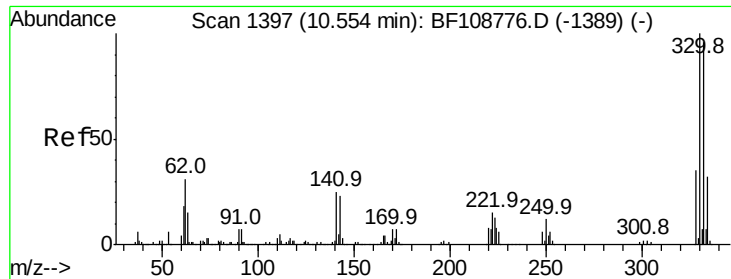
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108971.D
 Acq: 13 Sep 2018 18:22

Tgt Ion	164	Resp	272277
Ion Ratio	Lower	Upper	
164	100		
162	101.7	86.1	129.1
160	47.0	38.3	57.5



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





#41

2,4,6-Tribromophenol

Concen: 77.519 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Instrument :

BNA_F

ClientSampleId :

NF-CON-2

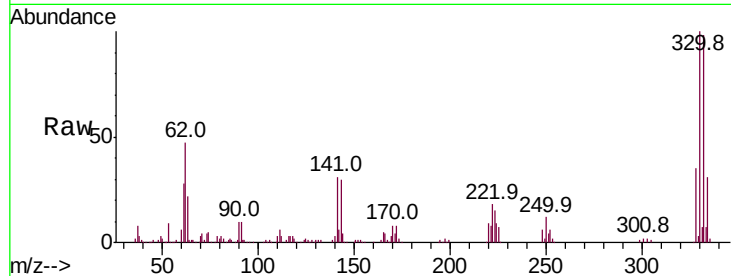
Tot Ion:330 Resp: 201494

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

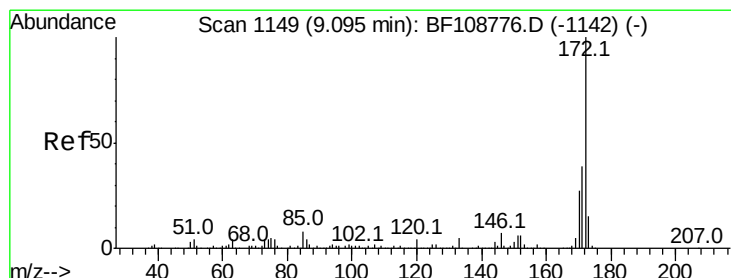
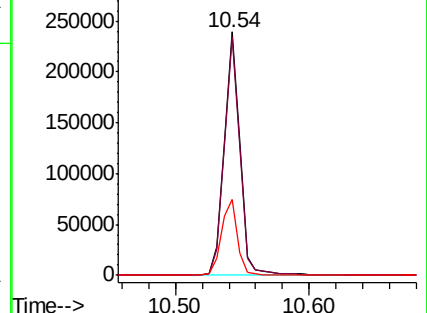
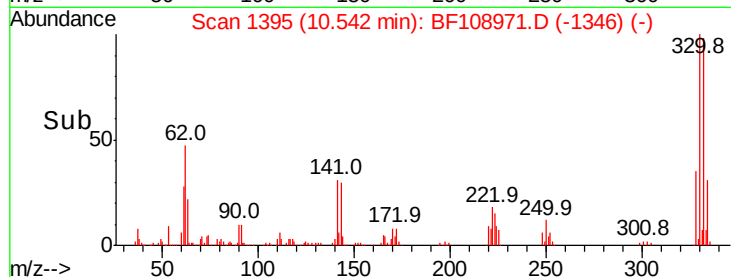
141 32.1 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 80.915 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

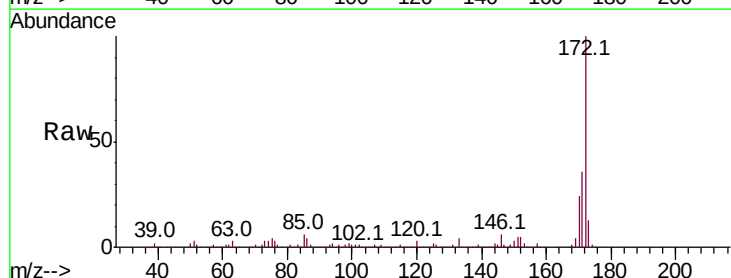
Tgt Ion:172 Resp: 1291418

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

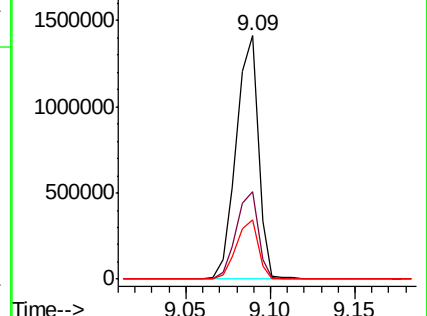
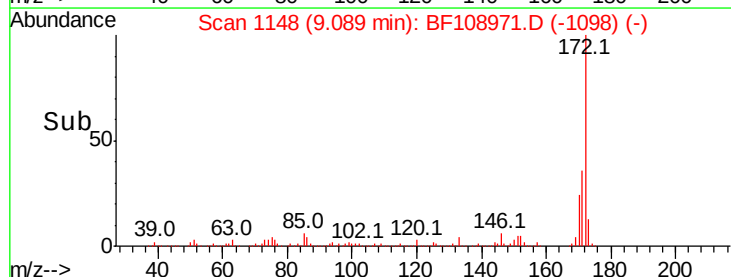
170 24.2 19.6 29.4

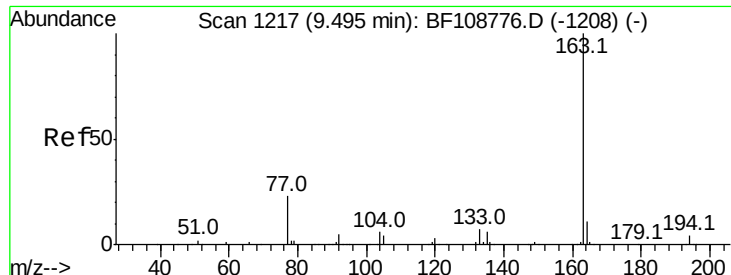


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

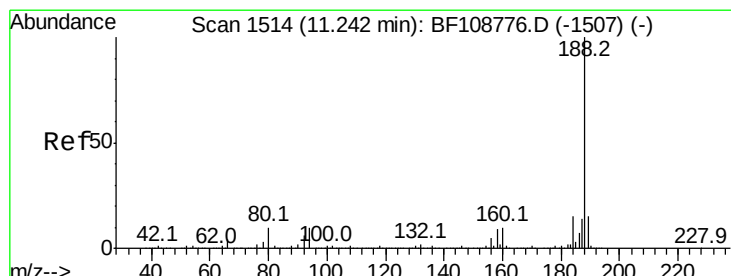
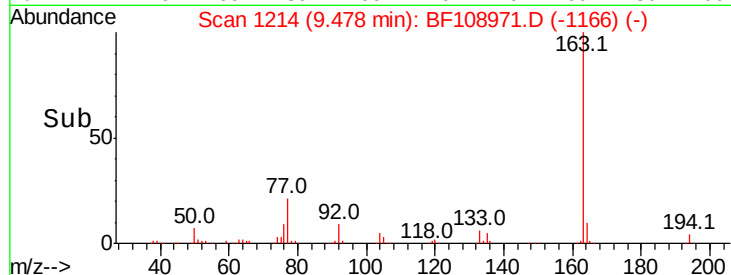
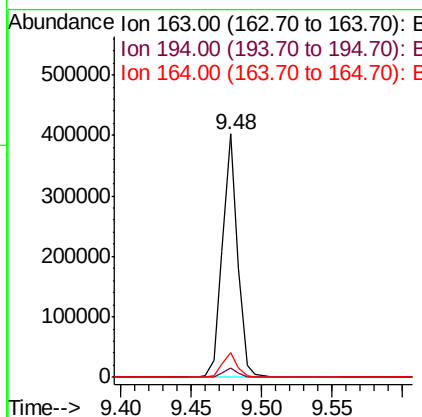
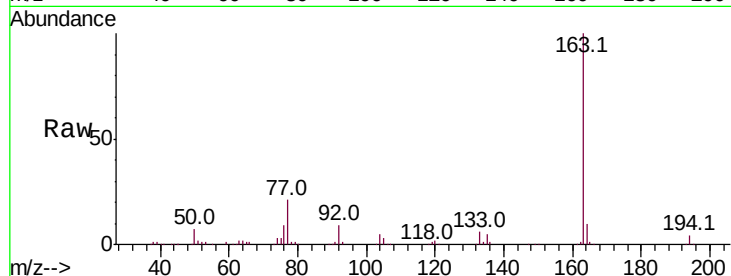




#49
Dimethylphthalate
Concen: 15.806 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

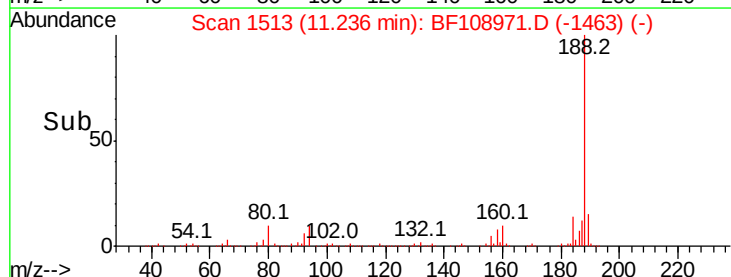
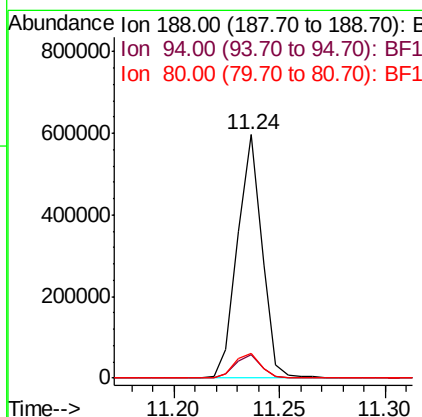
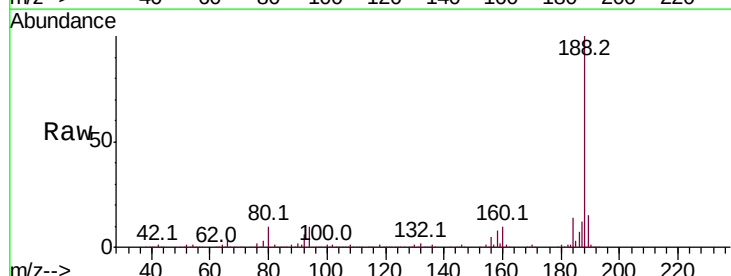
Instrument :
BNA_F
ClientSampled :
NF-CON-2

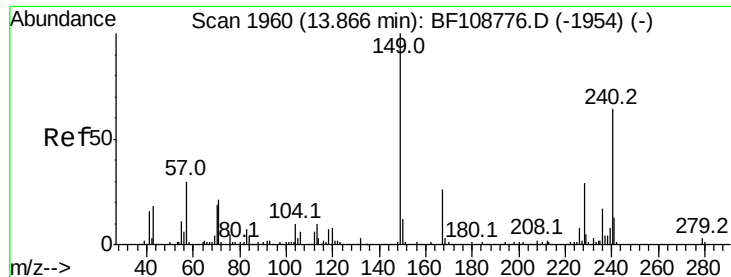
Tot Ion:163 Resp: 301009
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Tgt Ion:188 Resp: 478632
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

Instrument :

BNA_F

ClientSampleId :

NF-CON-2

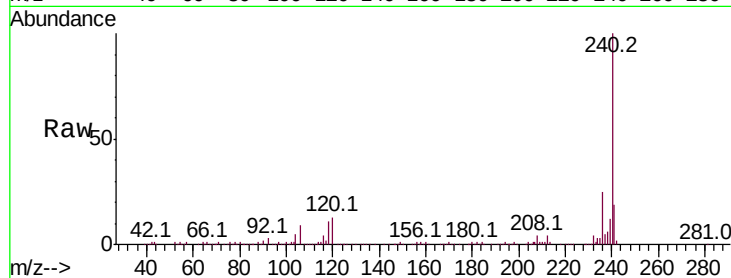
Tot Ion:240 Resp: 375539

Ion Ratio Lower Upper

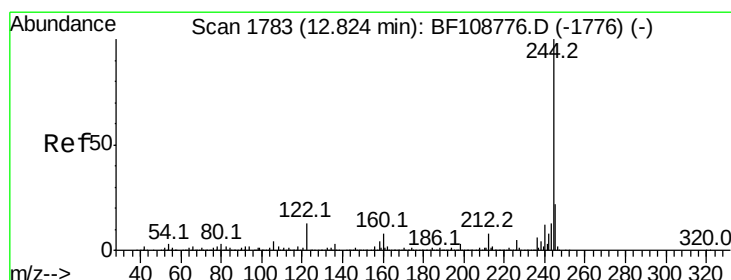
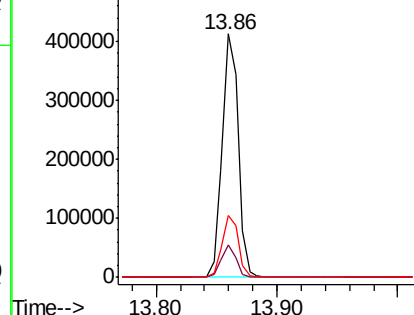
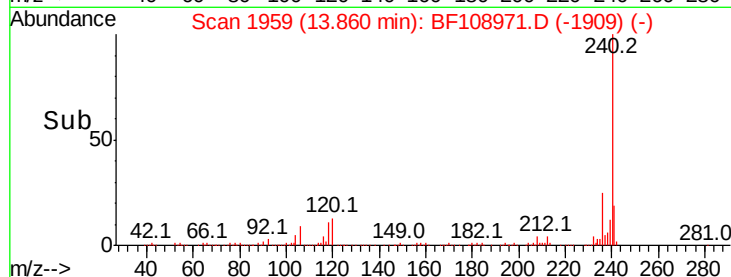
240 100

120 13.2 9.5 14.3

236 25.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 69.012 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108971.D

Acq: 13 Sep 2018 18:22

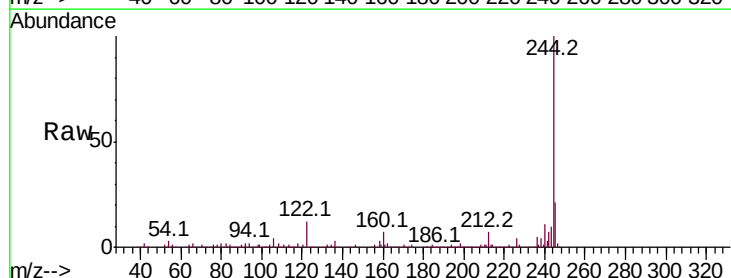
Tgt Ion:244 Resp: 1111397

Ion Ratio Lower Upper

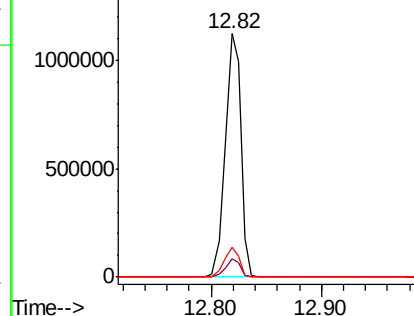
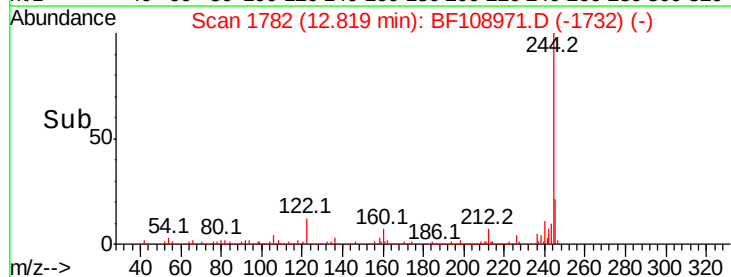
244 100

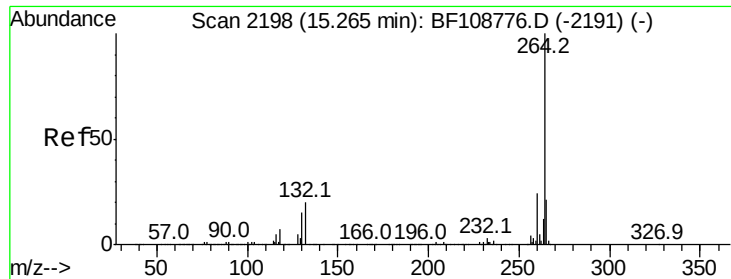
212 7.3 5.4 8.0

122 12.3 11.0 16.4



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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108971.D
Acq: 13 Sep 2018 18:22

Instrument :
BNA_F
ClientSampleId :
NF-CON-2

Tot Ion: 264 Resp: 413475

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

