

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108972.D
 Acq On : 13 Sep 2018 18:49
 Operator : JU/SJ
 Sample : J4873-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NF-STONE

Quant Time: Sep 14 02:19:53 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

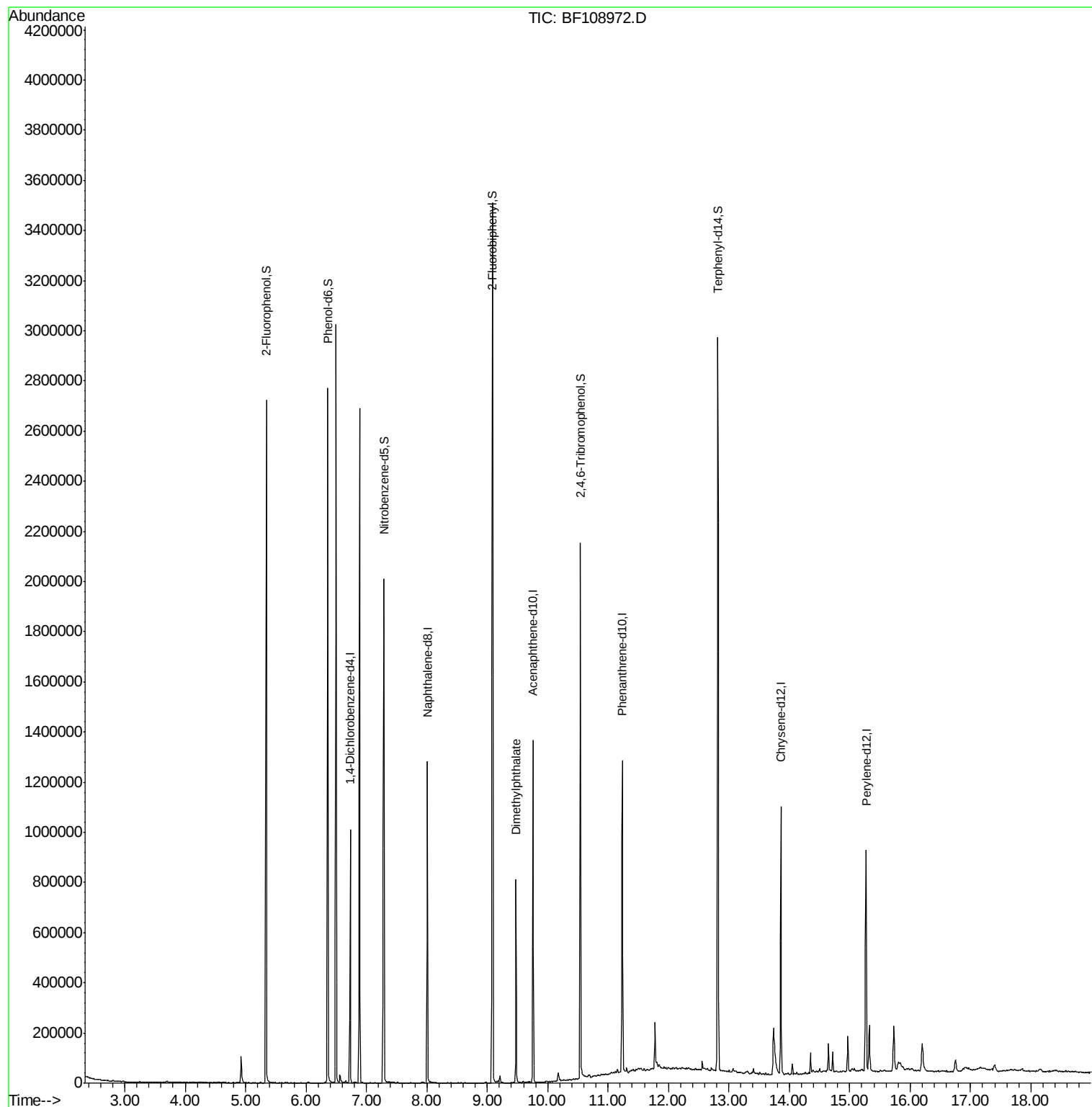
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	147600	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	552400	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	247200	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	426033	20.00	ng	0.00
75) Chrysene-d12	13.86	240	340710	20.00	ng	0.00
86) Perylene-d12	15.27	264	402034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	856388	96.12	ng	0.00
7) Phenol-d6	6.36	99	1087443	94.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	683808	77.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	250600	106.19	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1205863	83.22	ng	0.00
78) Terphenyl-d14	12.82	244	983998	67.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	283587	16.402	ng	Qvalue # 99

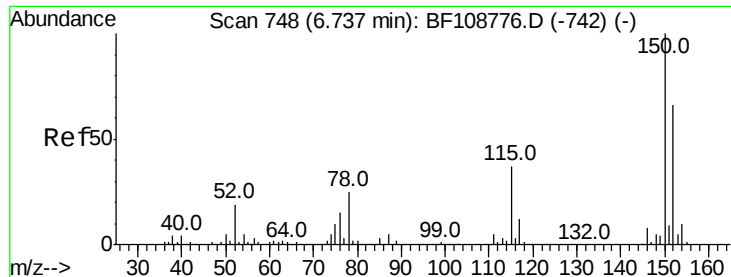
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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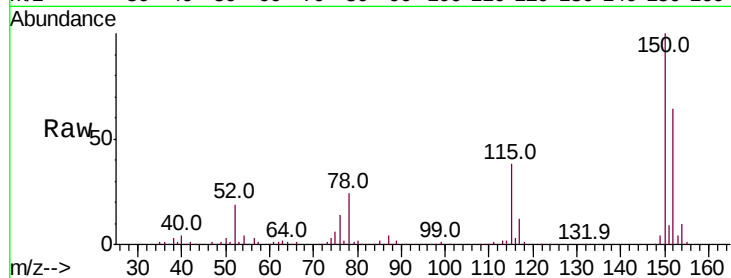


#1

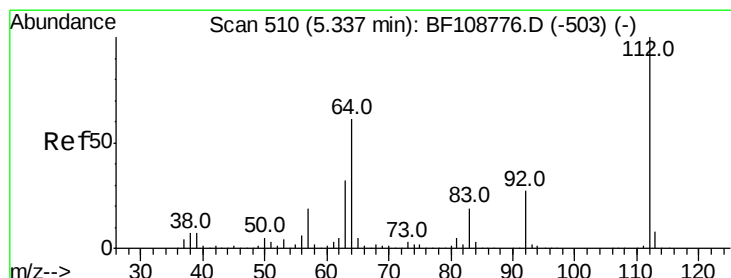
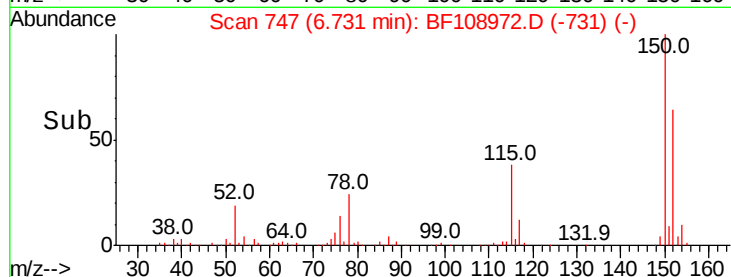
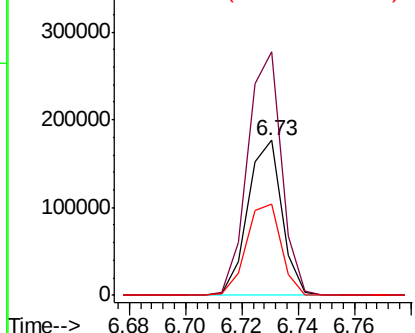
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Instrument :
BNA_F
ClientSampleId :
NF-STONE

Tot Ion:152 Resp: 147600
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 59.0 50.1 75.1



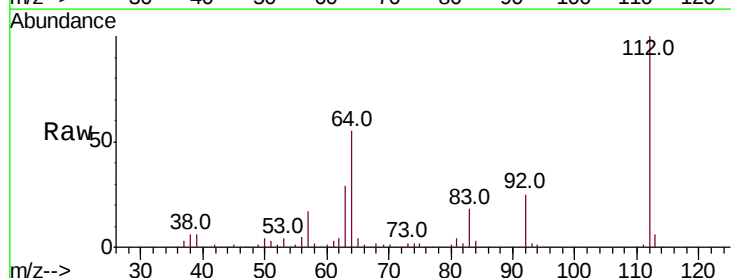
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



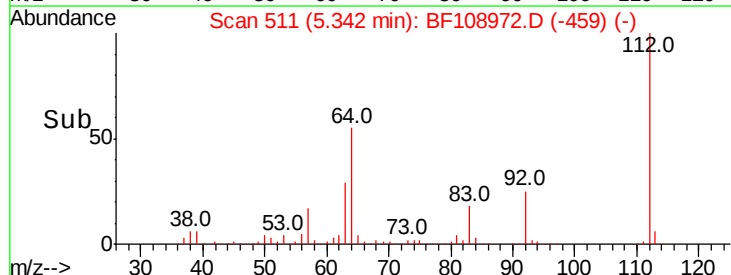
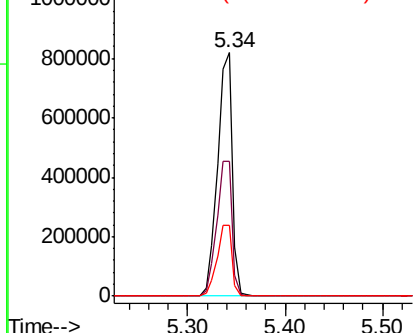
#5

2-Fluorophenol
Concen: 96.121 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108972.D
Acq: 13 Sep 2018 18:49

Tgt Ion:112 Resp: 856388
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.8 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: 94.862 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

NF-STONE

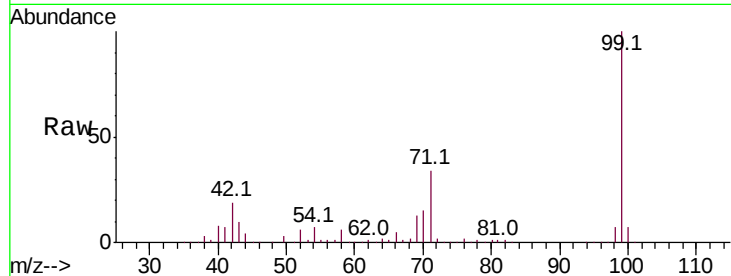
Tot Ion: 99 Resp: 1087443

Ion Ratio Lower Upper

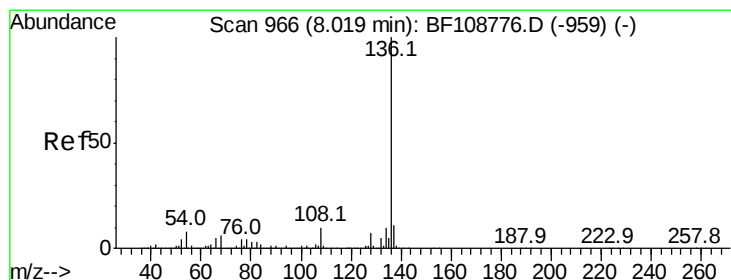
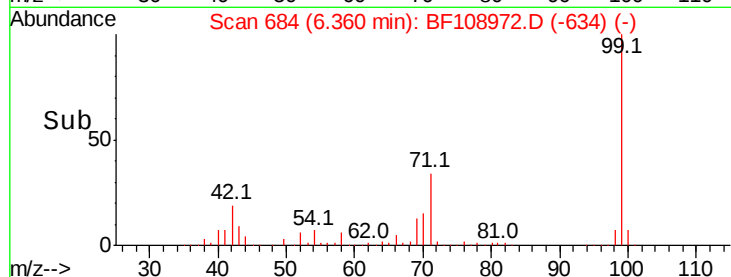
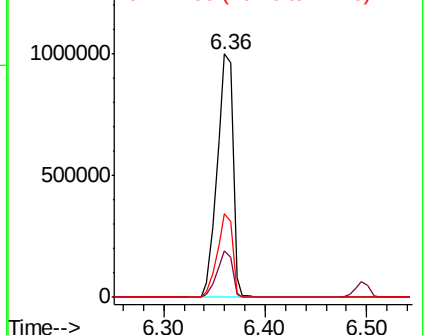
99 100

42 19.1 14.5 21.7

71 34.2 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: BF108972.D

Acq: 13 Sep 2018 18:49

Tgt Ion: 136 Resp: 552400

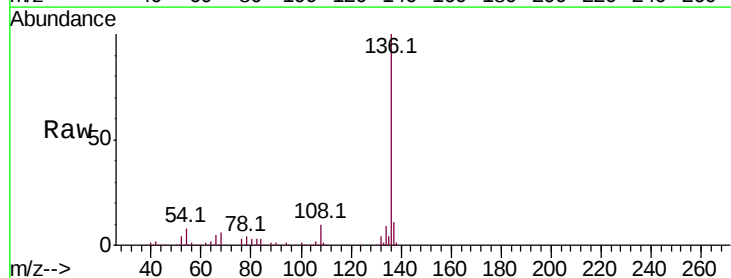
Ion Ratio Lower Upper

136 100

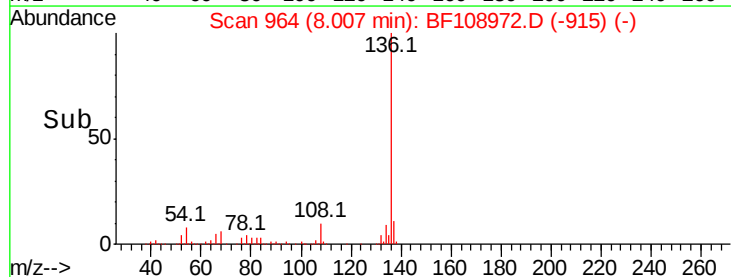
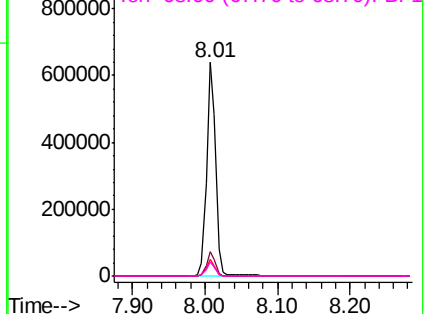
137 11.3 8.9 13.3

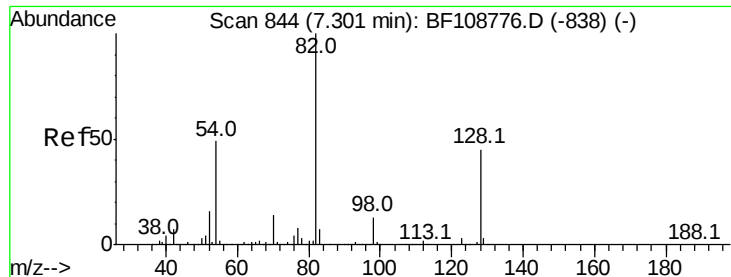
54 7.6 6.6 9.8

68 6.4 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

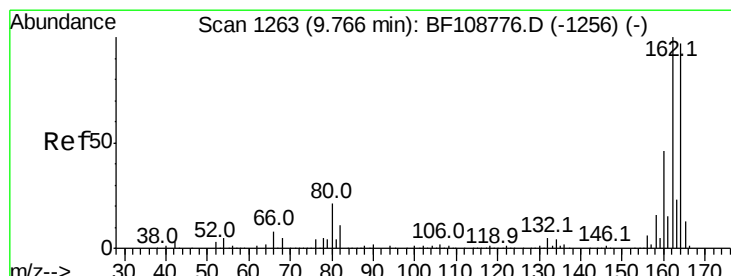
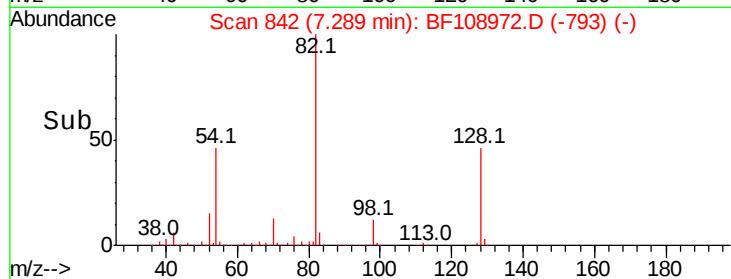
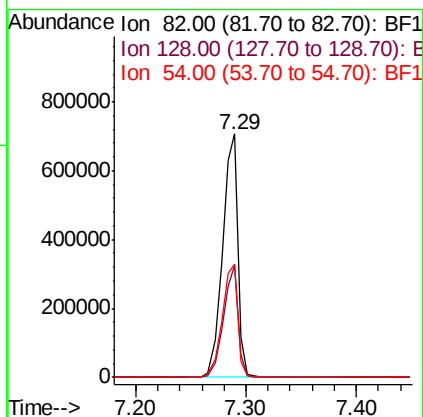
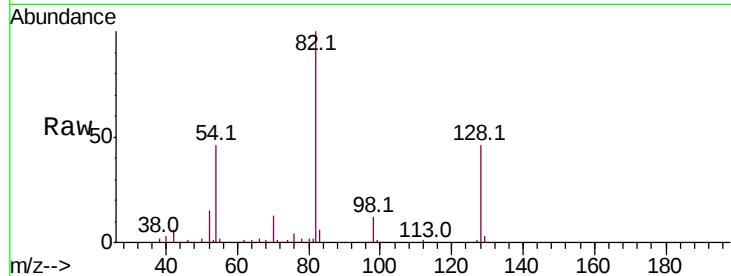




#23
 Nitrobenzene-d5
 Concen: 77.468 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

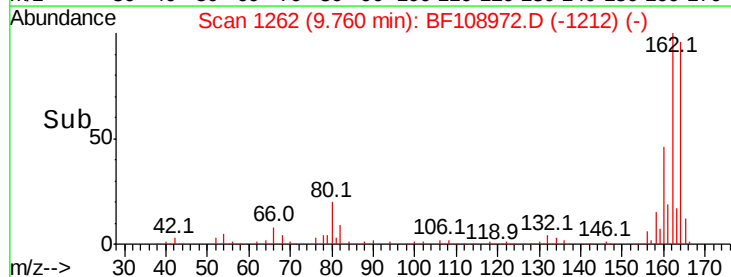
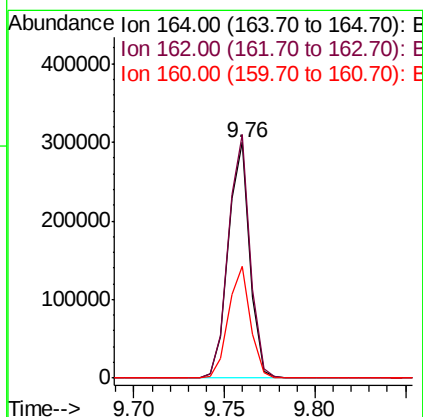
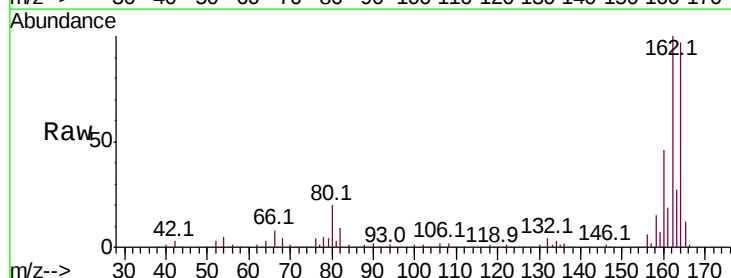
Instrument :
 BNA_F
 ClientSampleId :
 NF-STONE

Tot Ion	82	Resp	683808
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	46.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Tgt Ion	164	Resp	247200
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	47.5	38.3	57.5

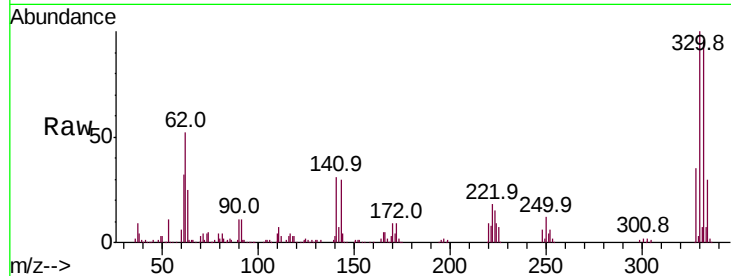




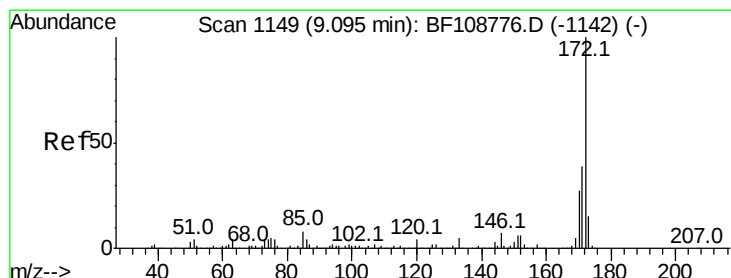
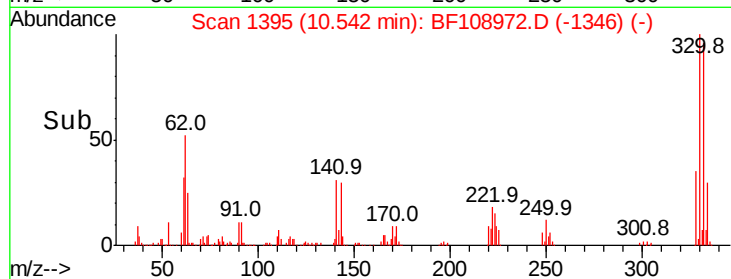
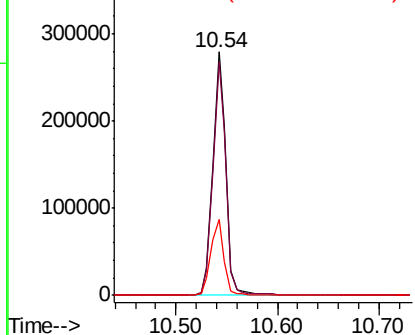
#41
 2,4,6-Tribromophenol
 Concen: 106.191 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 NF-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.4	29.9	44.9

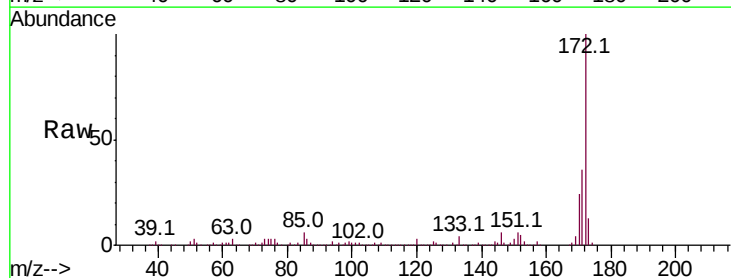


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

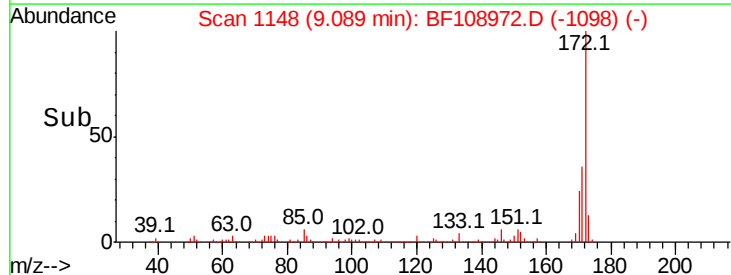
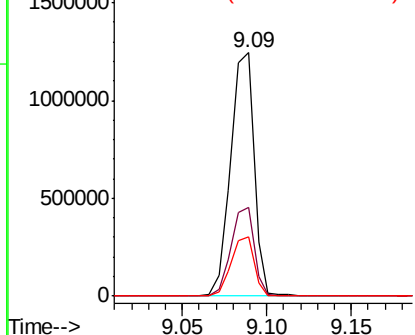


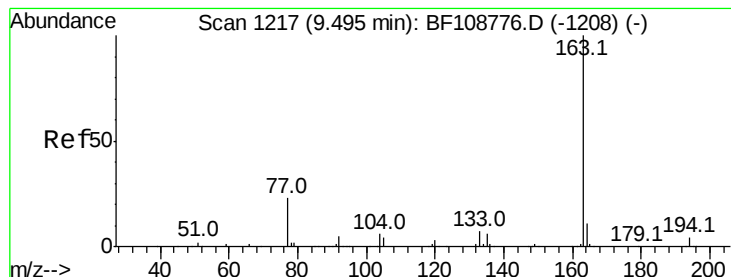
#44
 2-Fluorobiphenyl
 Concen: 83.219 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108972.D
 Acq: 13 Sep 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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: 16.402 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

NF-STONE

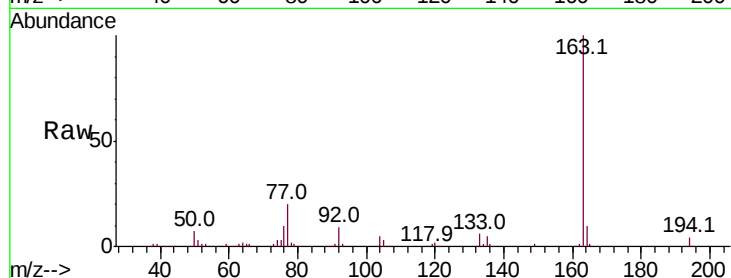
Tot Ion:163 Resp: 283587

Ion Ratio Lower Upper

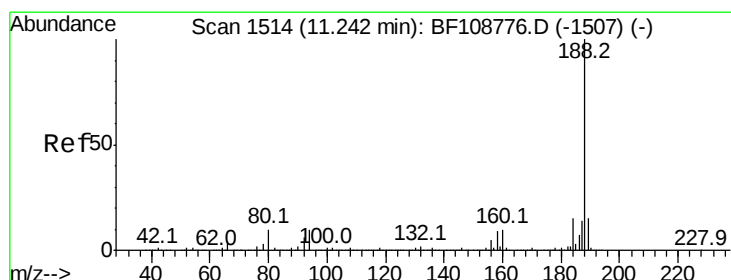
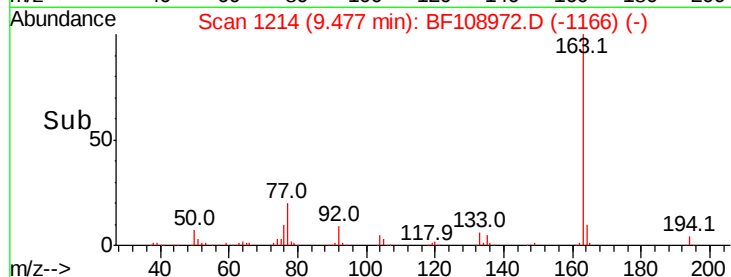
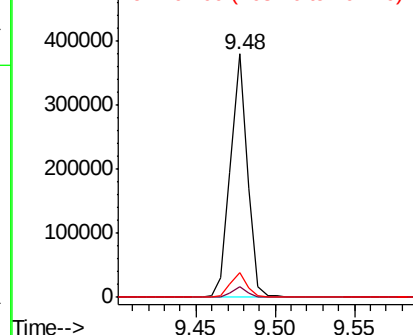
163 100

194 4.1 2.7 4.1#

164 10.0 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

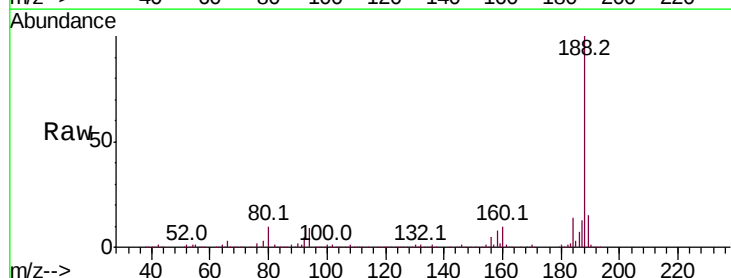
Tgt Ion:188 Resp: 426033

Ion Ratio Lower Upper

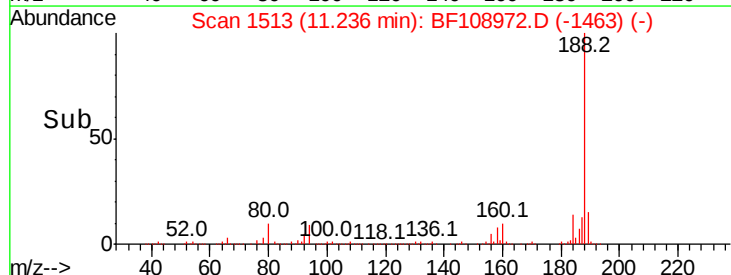
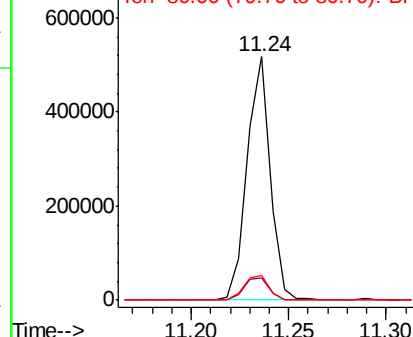
188 100

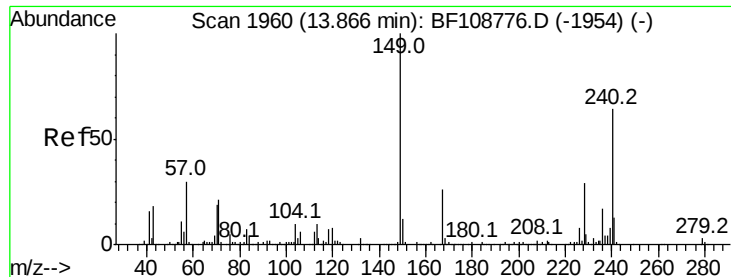
94 9.2 8.5 12.7

80 10.1 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

Instrument :

BNA_F

ClientSampleId :

NF-STONE

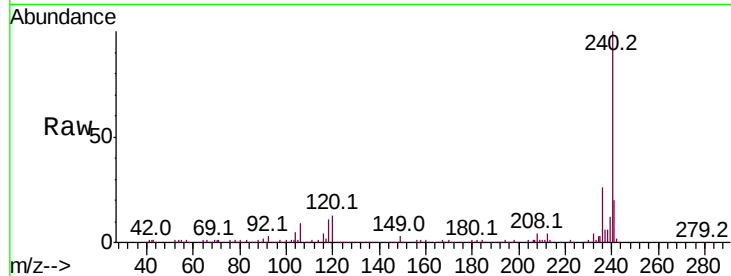
Tot Ion:240 Resp: 340710

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

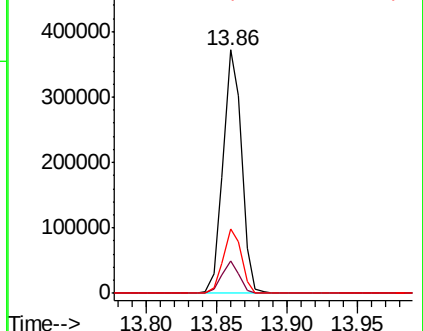
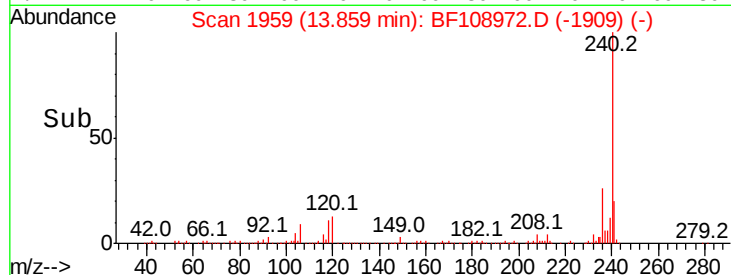
236 26.3 20.7 31.1



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: 67.347 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108972.D

Acq: 13 Sep 2018 18:49

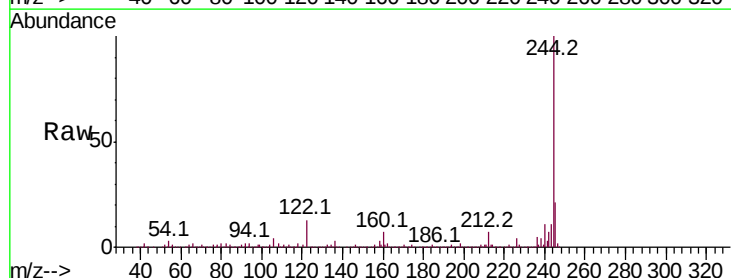
Tgt Ion:244 Resp: 983998

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

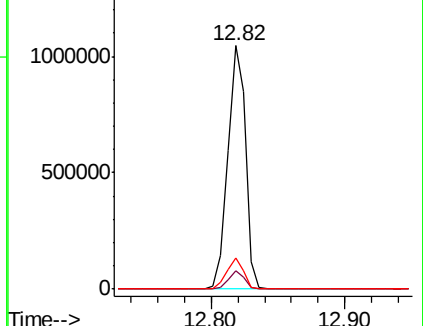
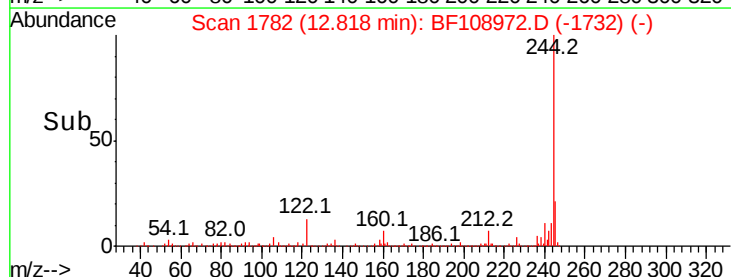
122 12.6 11.0 16.4

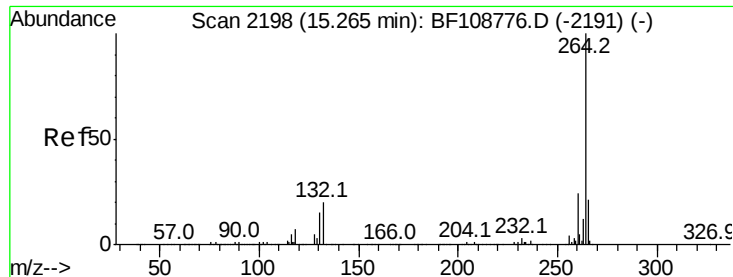


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108972.D
Acq: 13 Sep 2018 18:49

Instrument :
BNA_F
ClientSampleId :
NF-STONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

