

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108940.D
 Acq On : 11 Sep 2018 17:30
 Operator : JU/SJ
 Sample : J4842-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 18:29:05 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

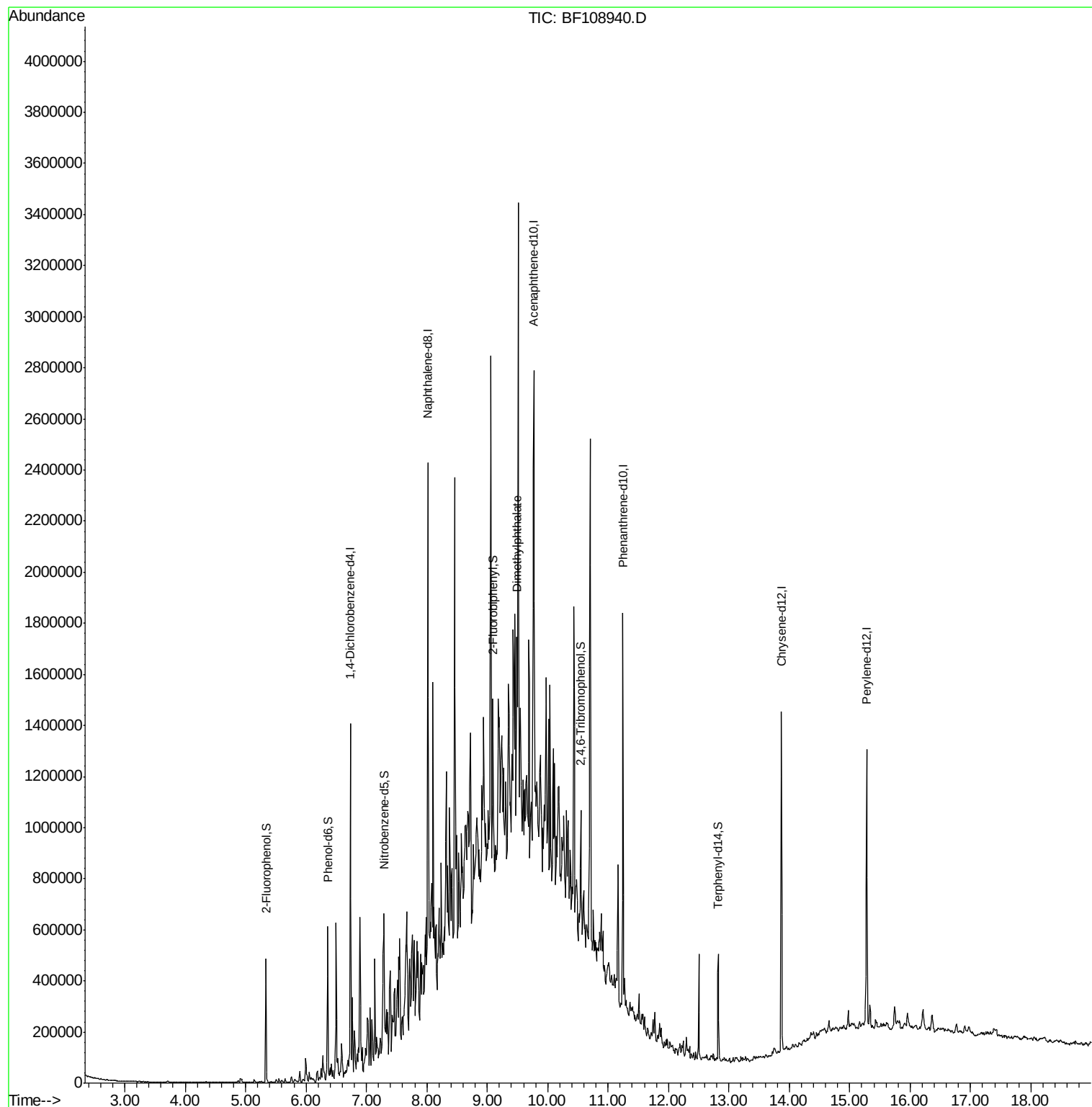
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173874	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	643736	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	302357	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	552645	20.00	ng	0.00
75) Chrysene-d12	13.87	240	440606	20.00	ng	0.00
86) Perylene-d12	15.28	264	476063	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131649	12.54	ng	0.00
7) Phenol-d6	6.36	99	176570	13.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	110479	10.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	32626	11.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	166500	9.39	ng	0.00
78) Terphenyl-d14	12.82	244	129465	6.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	57797	2.733	ng	Qvalue # 88

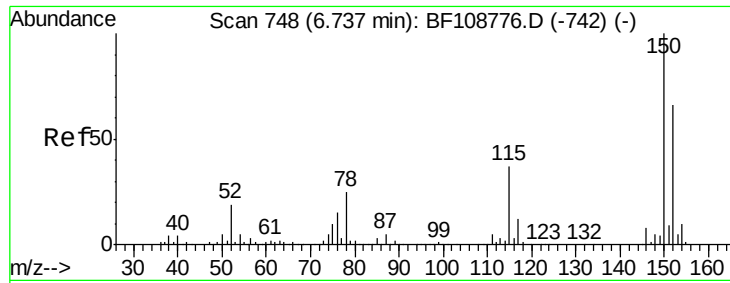
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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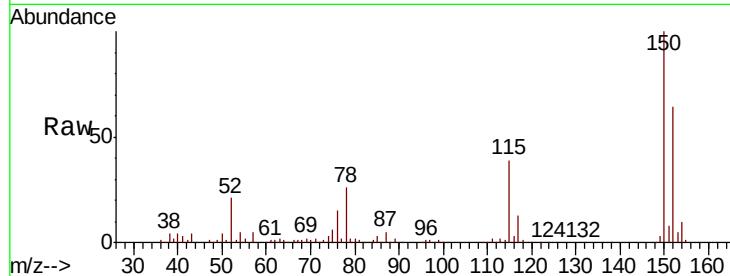


#1

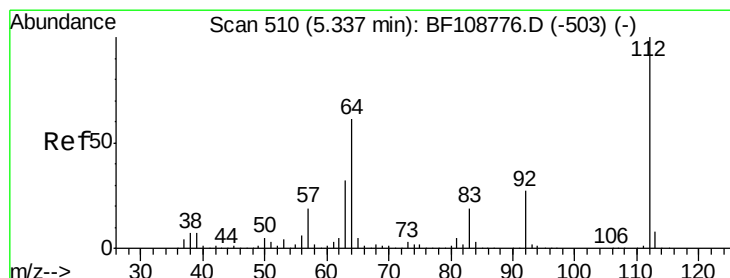
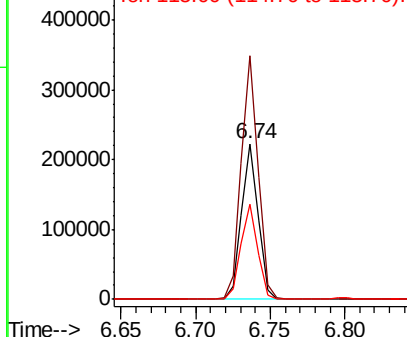
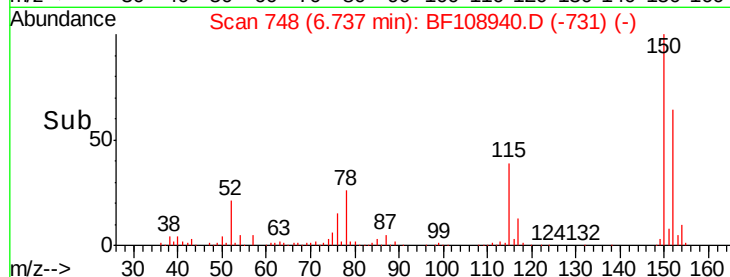
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 173874
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 61.2 50.1 75.1



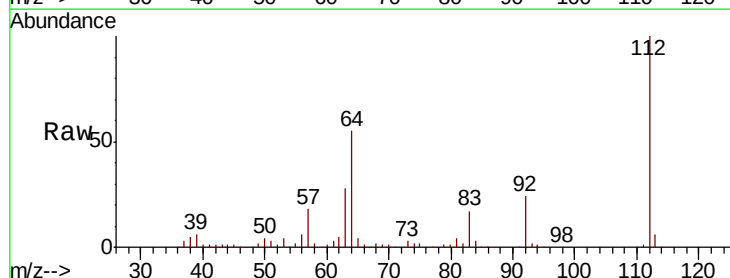
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



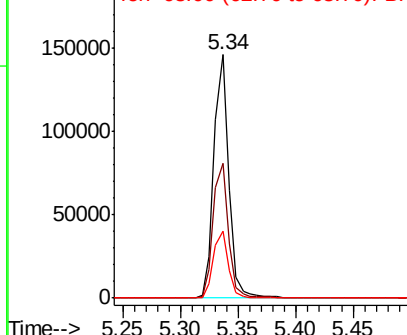
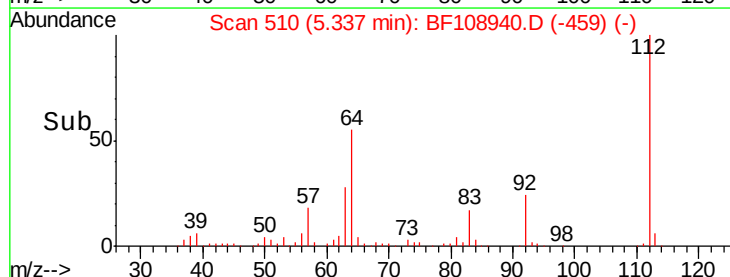
#5

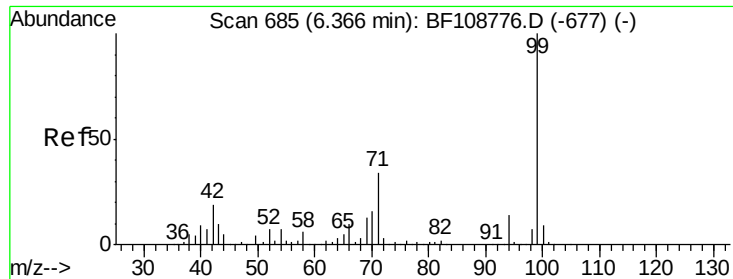
2-Fluorophenol
 Concen: 12.543 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Tgt Ion:112 Resp: 131649
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.7 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: 13.075 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

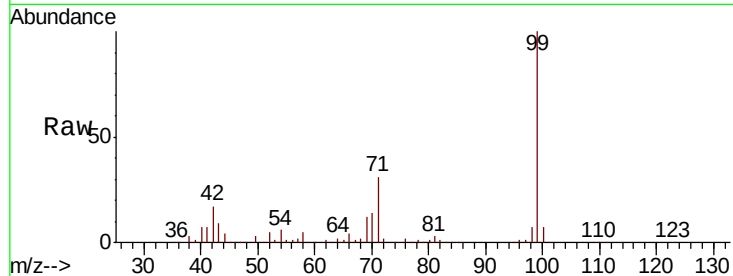
Tot Ion: 99 Resp: 176570

Ion Ratio Lower Upper

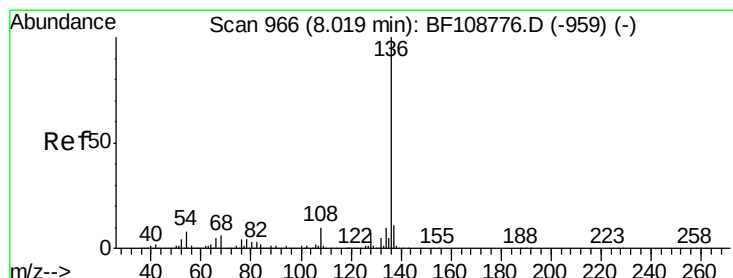
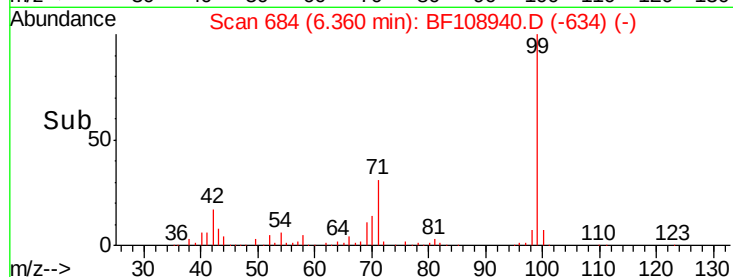
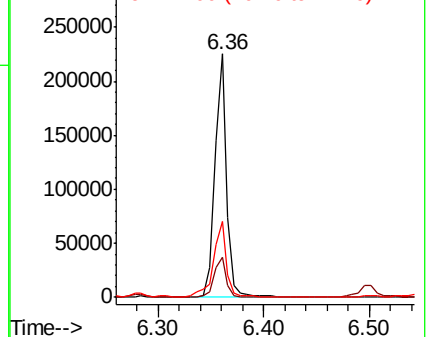
99 100

42 16.7 14.5 21.7

71 31.4 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

Tgt Ion: 136 Resp: 643736

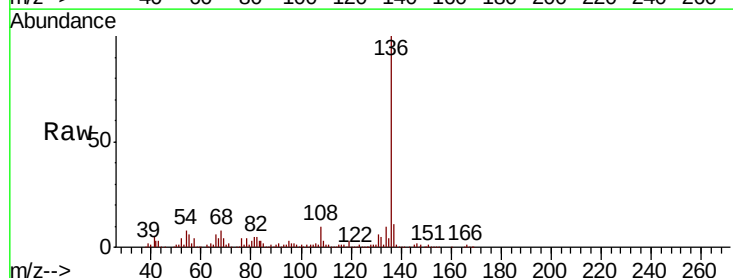
Ion Ratio Lower Upper

136 100

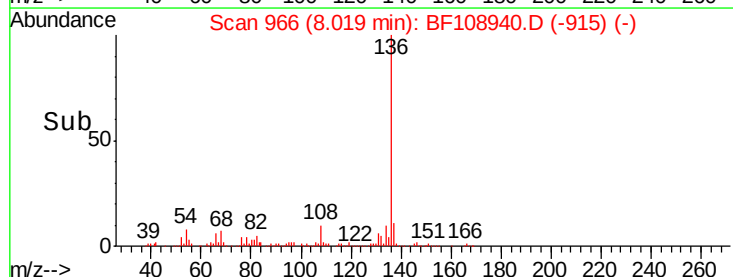
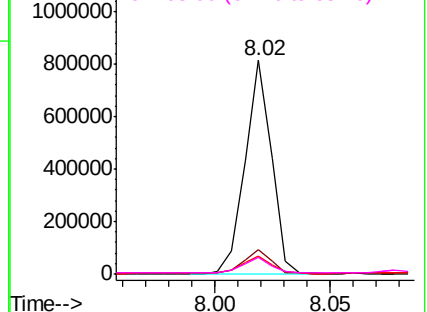
137 11.4 8.9 13.3

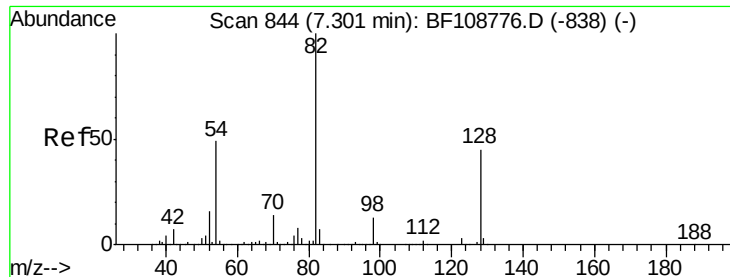
54 8.5 6.6 9.8

68 7.7 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

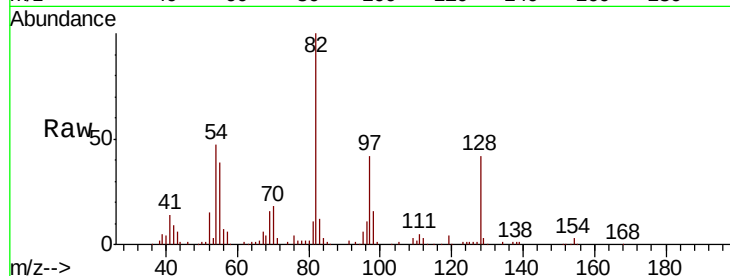




#23
 Nitrobenzene-d5
 Concen: 10.740 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	110479
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	47.4	41.4	62.2

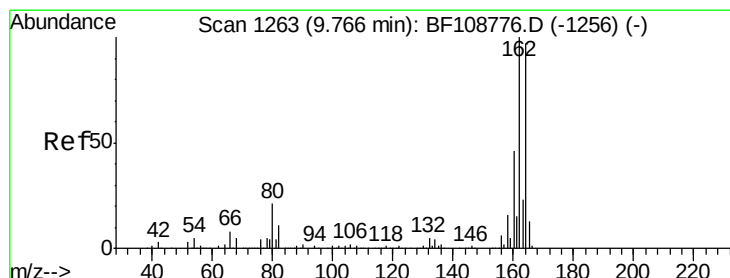
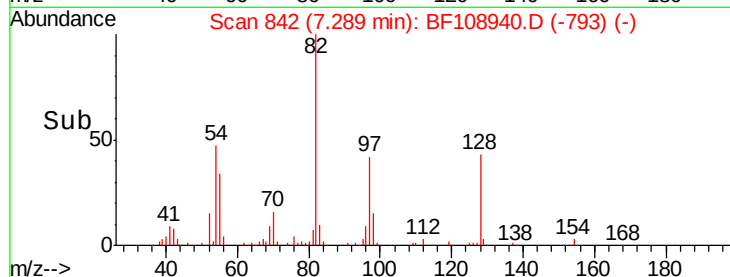
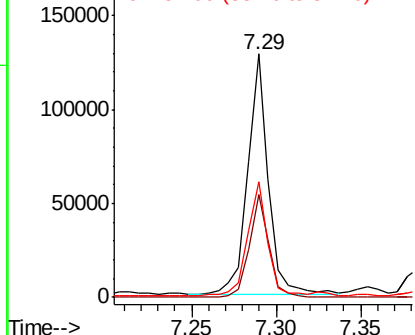


Abundance

Ion 82.00 (81.70 to 82.70): BF1

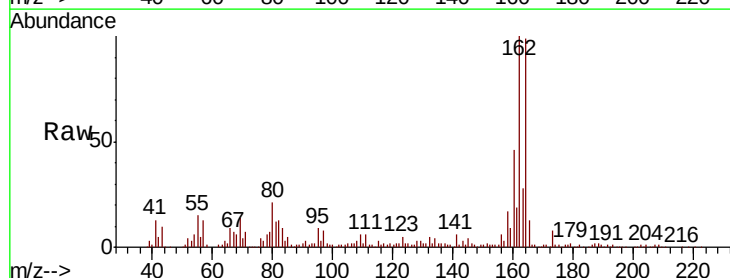
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Tgt Ion	164	Resp	302357
Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.5	38.3	57.5

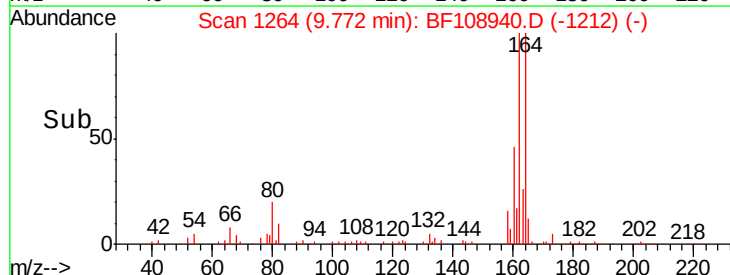
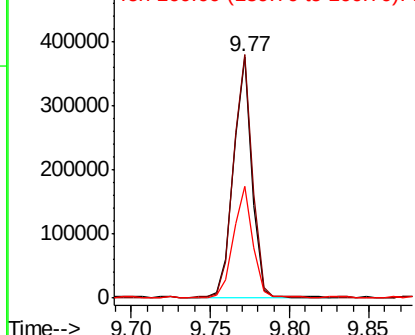


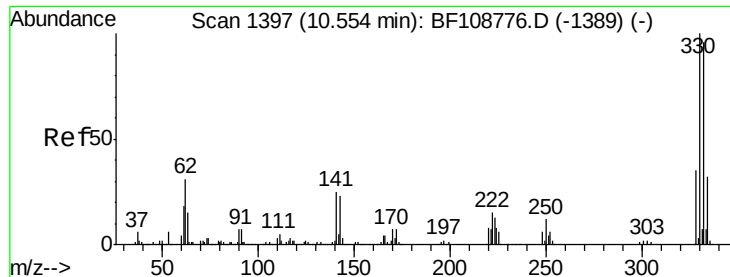
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 11.303 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

Instrument :

BNA_F

ClientSampled :

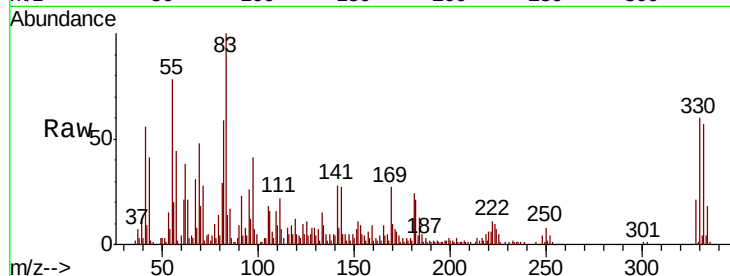
Tot Ion:330 Resp: 32626

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

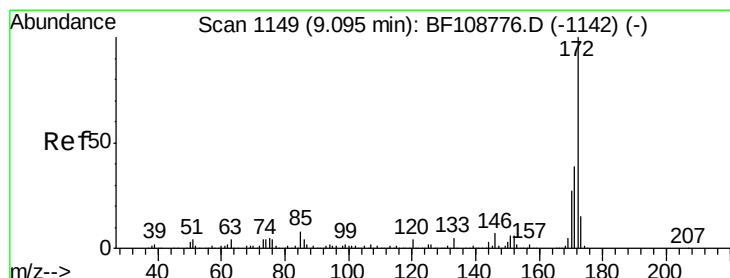
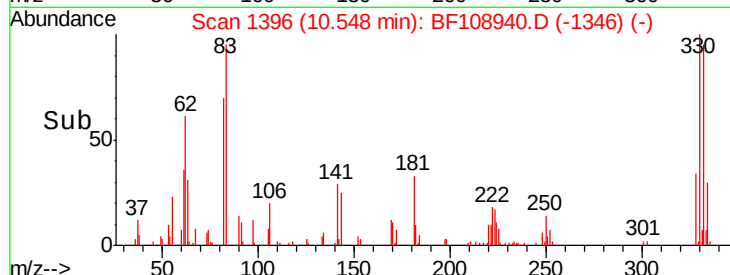
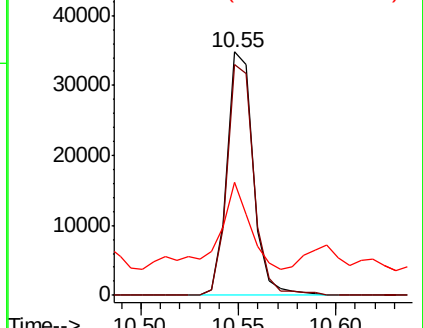
141 43.3 29.9 44.9



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: 9.394 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

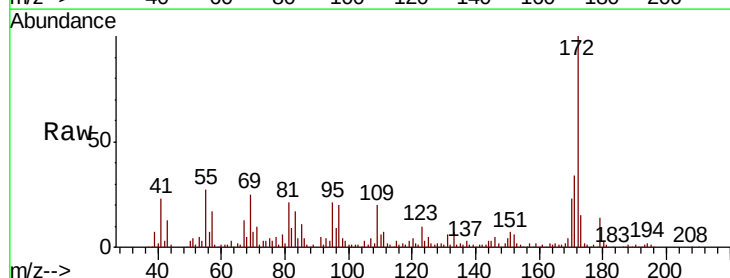
Tgt Ion:172 Resp: 166500

Ion Ratio Lower Upper

172 100

171 34.1 29.7 44.5

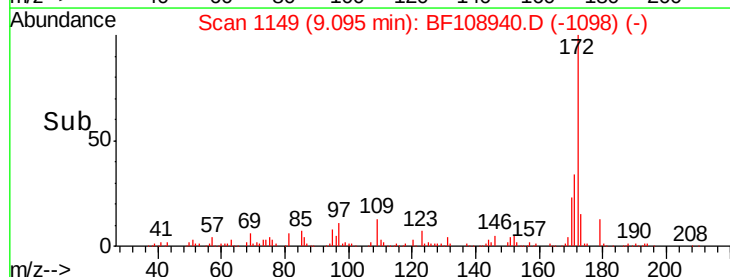
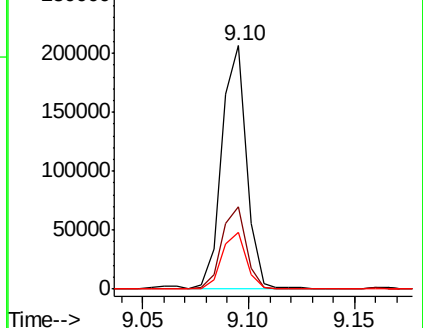
170 23.2 19.6 29.4



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



Ref

#49
Dimethylphthalate
Concen: 2.733 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Raw

Tot Ion:163	Resp:	57797
Ion	Ratio	Lower Upper
163	100	
194	14.5	2.7 4.1#
164	11.9	8.2 12.2

Sub