

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109918.D
 Acq On : 17 Oct 2018 12:26
 Operator : JU/SJ
 Sample : J5516-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1011-S-DH-32

Quant Time: Oct 17 17:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

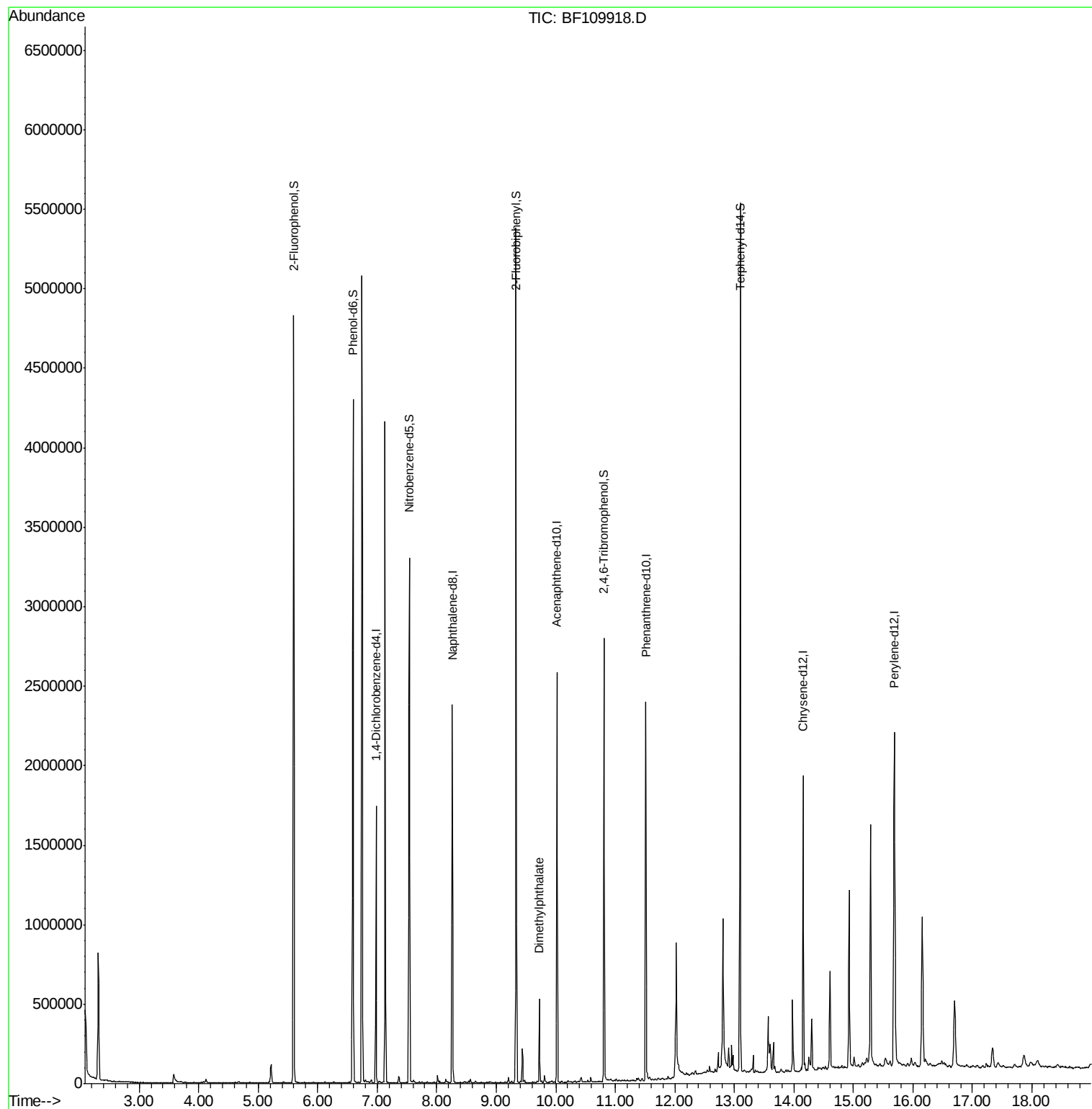
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	247108	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	982558	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	469711	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	883468	20.00	ng	0.00
76) Chrysene-d12	14.16	240	563239	20.00	ng	0.00
87) Perylene-d12	15.69	264	545625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1283495	82.33	ng	0.00
7) Phenol-d6	6.59	99	1655915	85.54	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1010095	69.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	293744	72.23	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1762303	59.87	ng	0.00
79) Terphenyl-d14	13.10	244	1727820	64.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.73	163	209995	6.314	ng	Qvalue 99

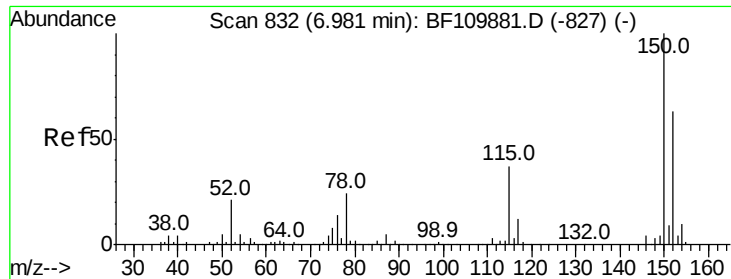
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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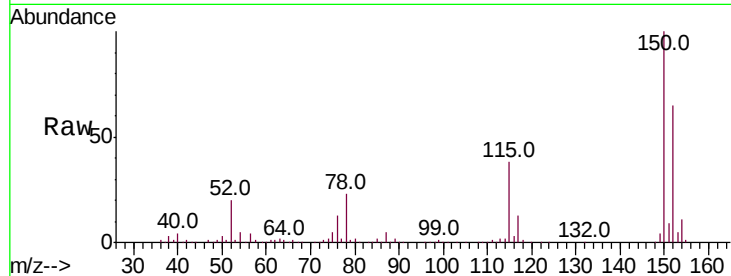


#1

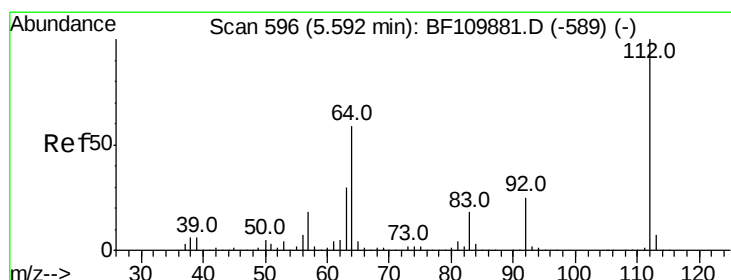
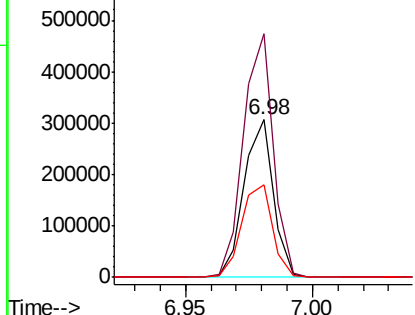
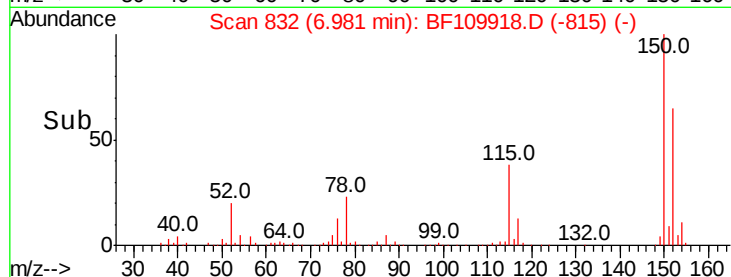
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Instrument :
BNA_F
ClientSampleId :
SSSI-1011-S-DH-32

Tot Ion:152 Resp: 247108
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 58.5 49.1 73.7



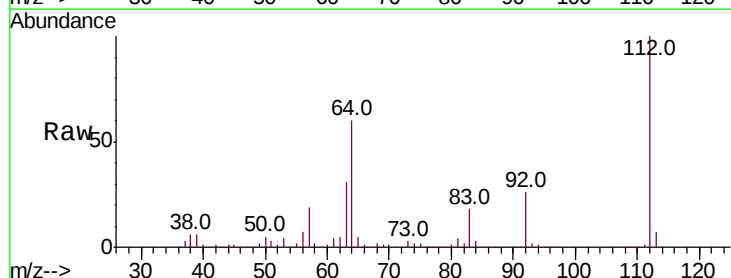
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



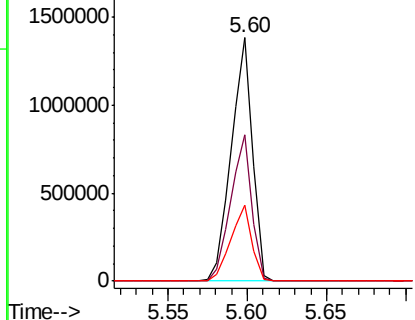
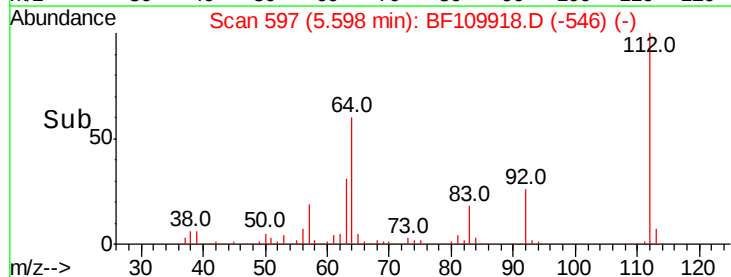
#5

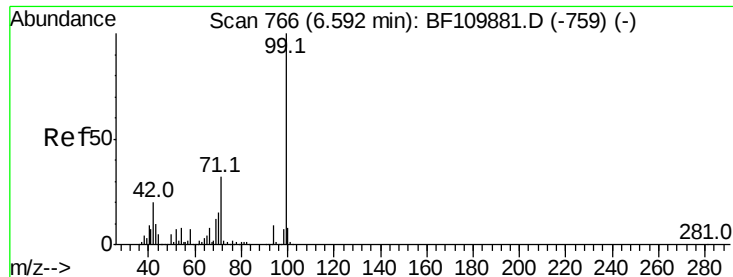
2-Fluorophenol
Concen: 82.333 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Tgt Ion:112 Resp: 1283495
Ion Ratio Lower Upper
112 100
64 60.2 44.1 66.1
63 31.4 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: 85.544 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

Instrument :

BNA_F

ClientSampleId :

SSSI-1011-S-DH-32

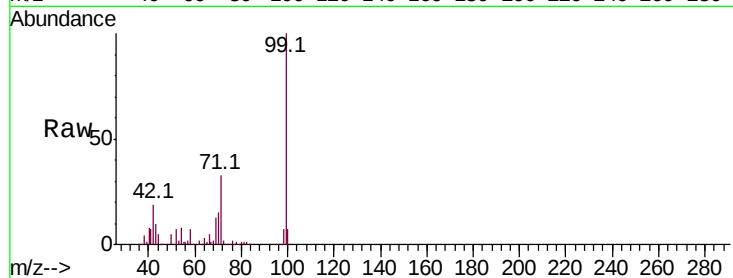
Tot Ion: 99 Resp: 1655915

Ion Ratio Lower Upper

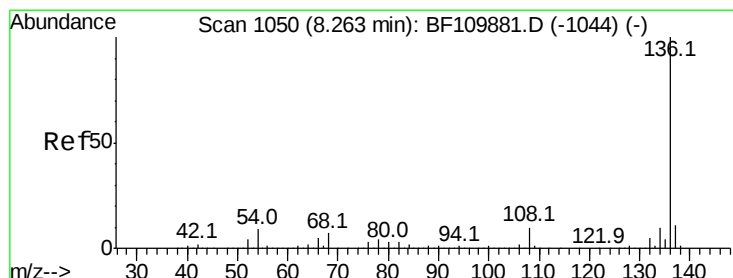
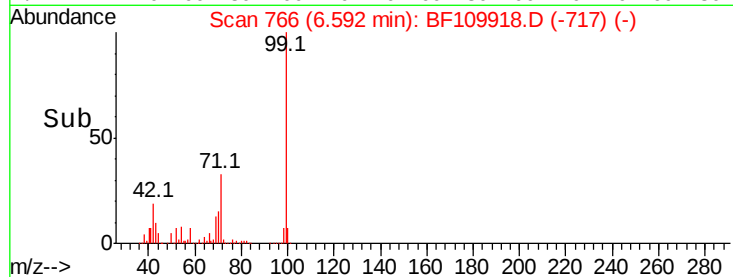
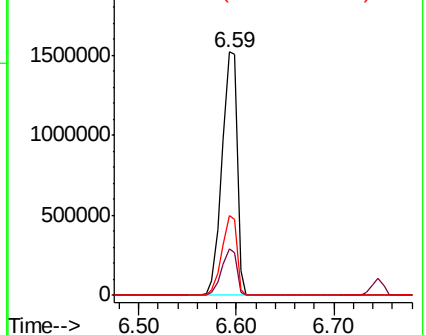
99 100

42 19.3 15.8 23.6

71 33.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

Tgt Ion: 136 Resp: 982558

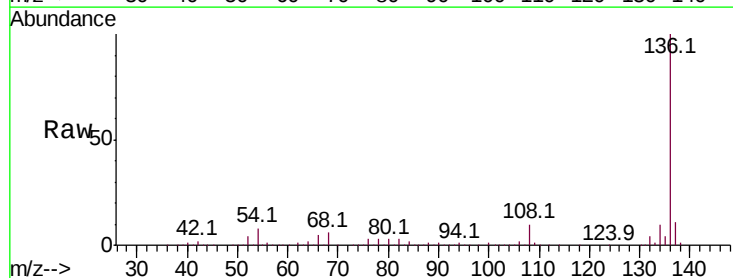
Ion Ratio Lower Upper

136 100

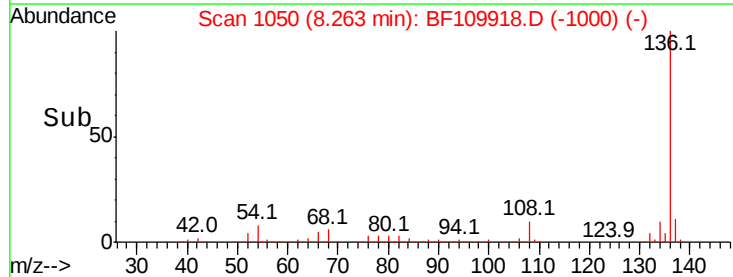
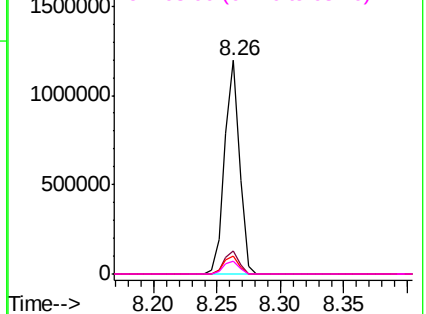
137 10.9 8.8 13.2

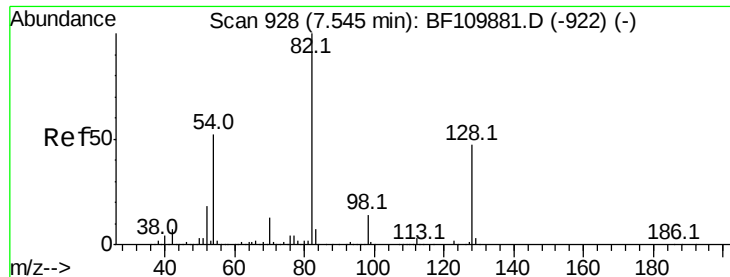
54 8.4 5.4 8.2#

68 5.9 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



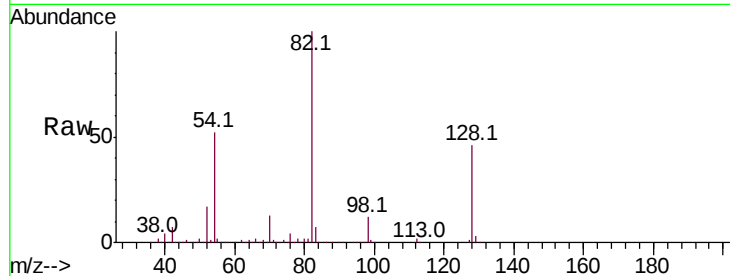


#23
 Nitrobenzene-d5
 Concen: 69.252 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

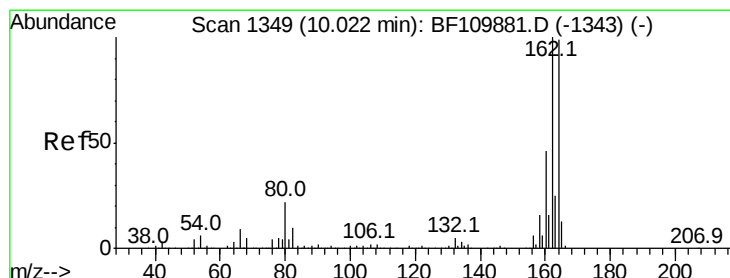
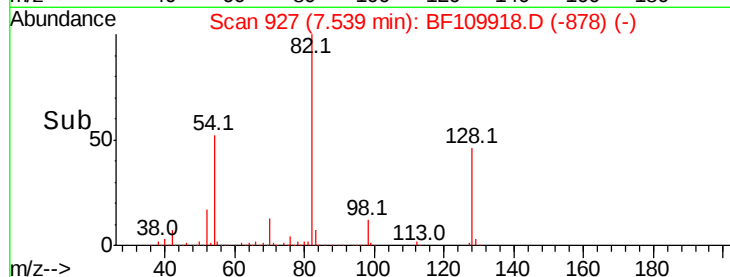
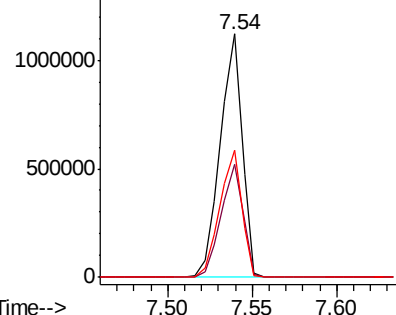
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1011-S-DH-32

Tot Ion: 82 Resp: 1010095

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	52.5	38.6	58.0



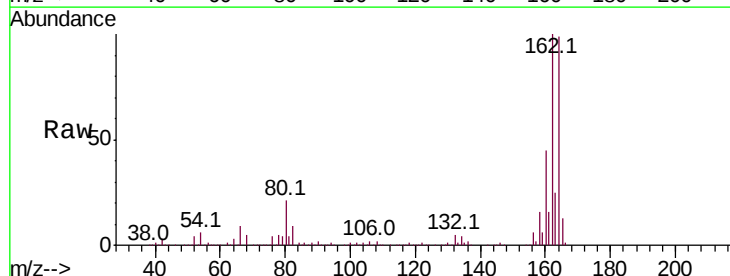
Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



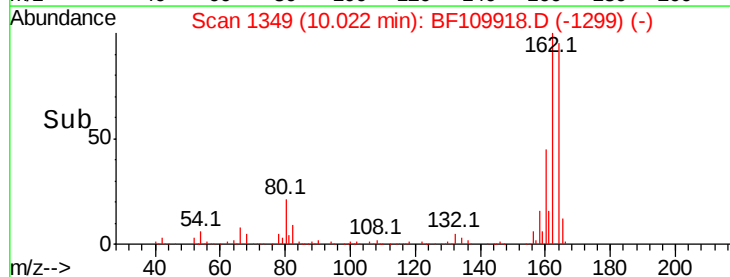
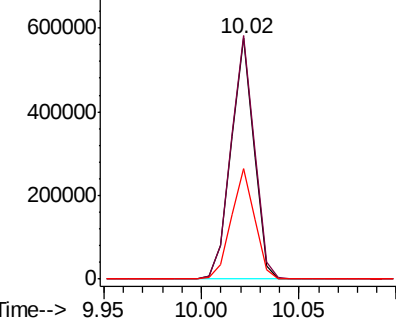
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

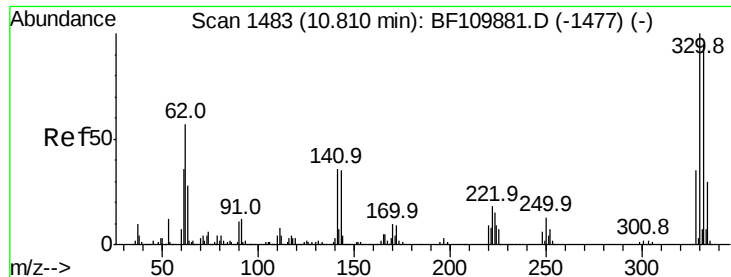
Tgt Ion:164 Resp: 469711

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.6
160	45.8	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
 800000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

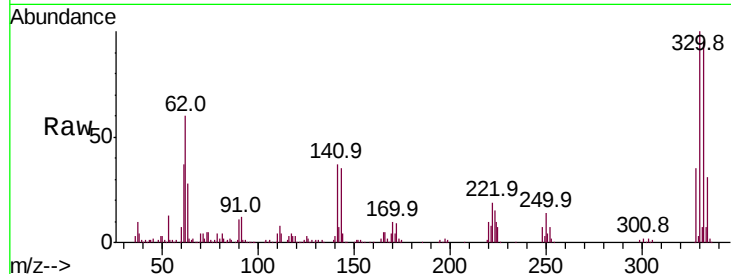




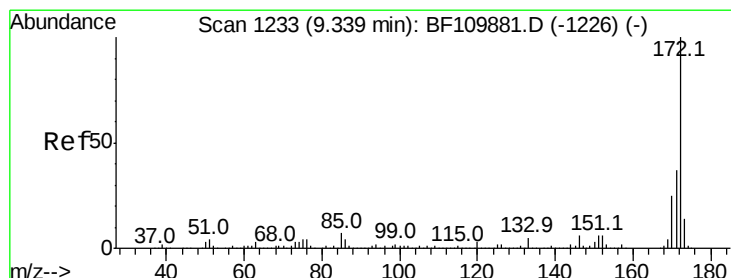
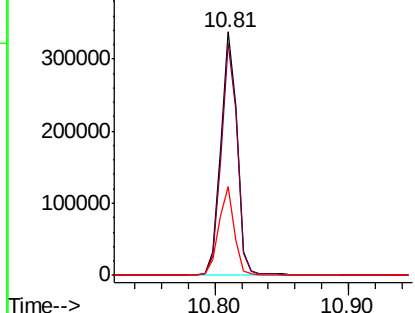
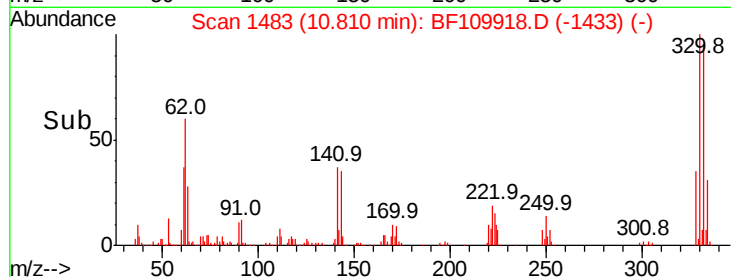
#42
 2,4,6-Tribromophenol
 Concen: 72.233 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1011-S-DH-32

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	35.1	27.0	40.4

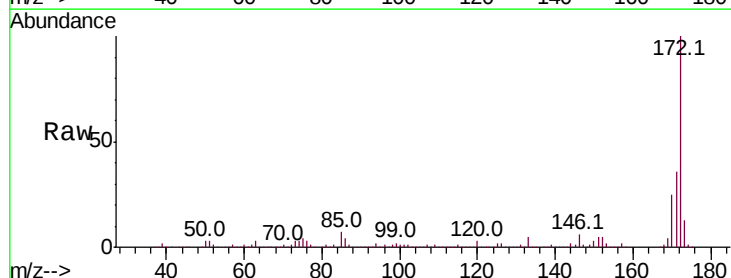


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

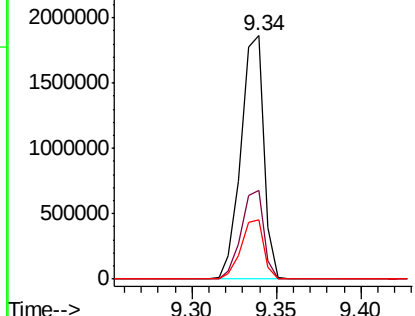
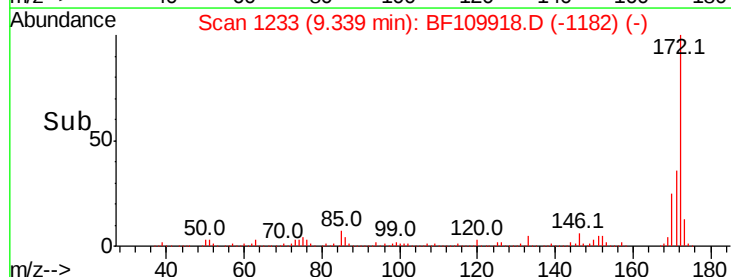


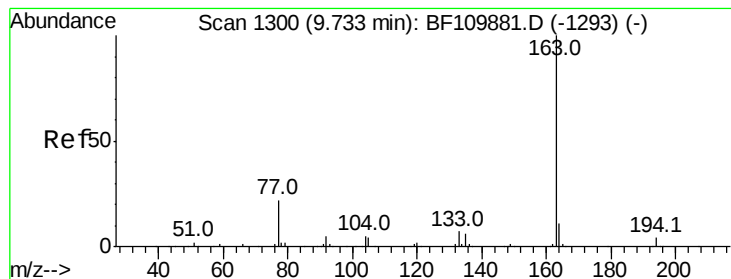
#45
 2-Fluorobiphenyl
 Concen: 59.867 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109918.D
 Acq: 17 Oct 2018 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.6	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: 6.314 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

Instrument :

BNA_F

ClientSampleId :

SSSI-1011-S-DH-32

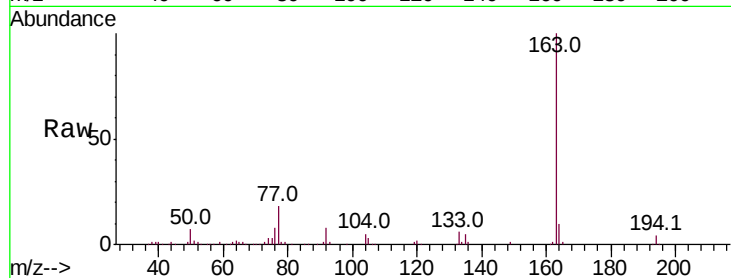
Tot Ion:163 Resp: 209995

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

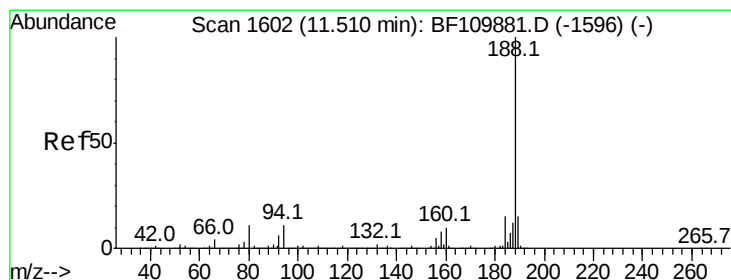
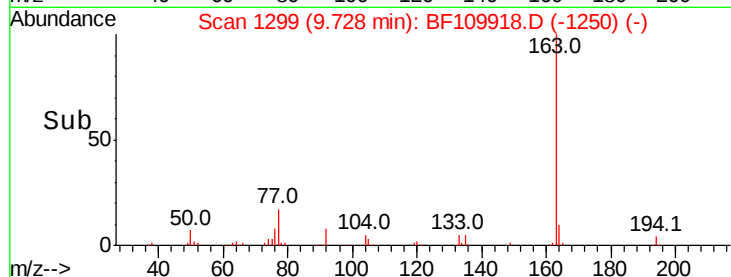
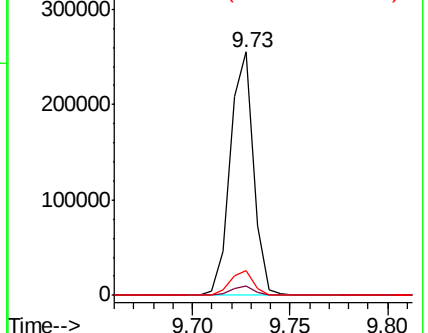
164 10.4 8.1 12.1



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: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

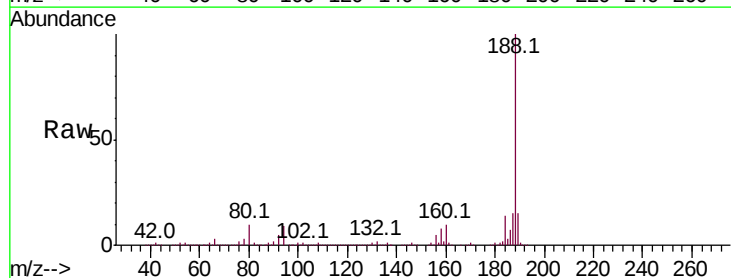
Tgt Ion:188 Resp: 883468

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

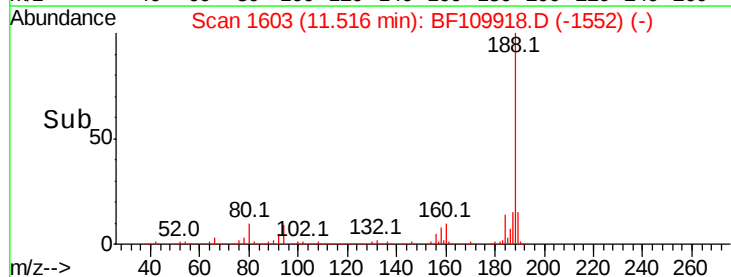
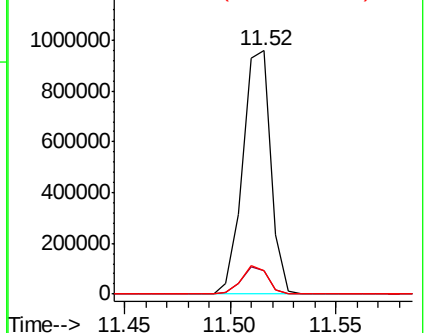
80 9.7 7.9 11.9

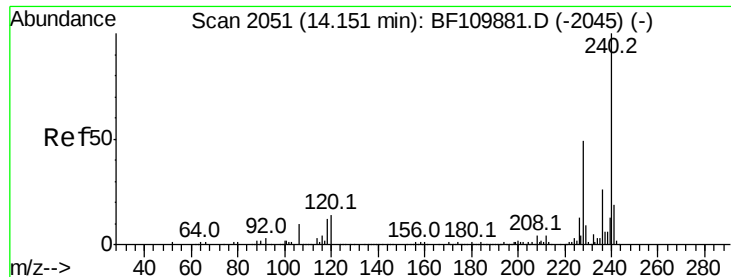


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

Instrument :

BNA_F

ClientSampleId :

SSSI-1011-S-DH-32

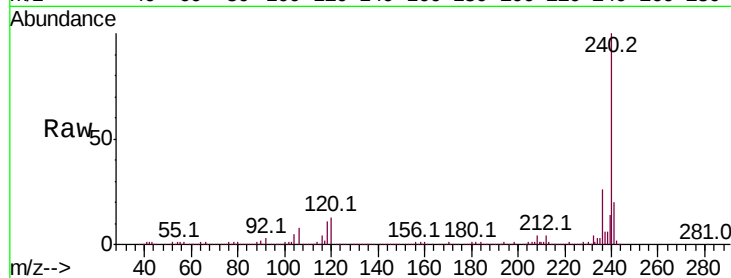
Tot Ion:240 Resp: 563239

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

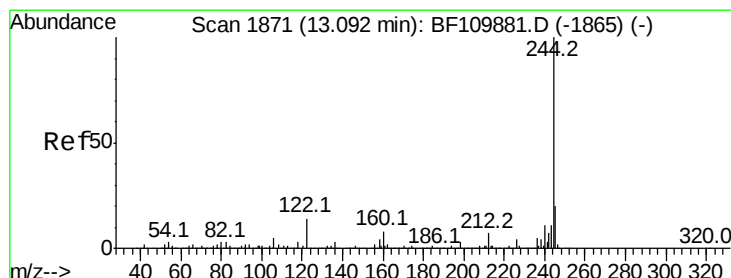
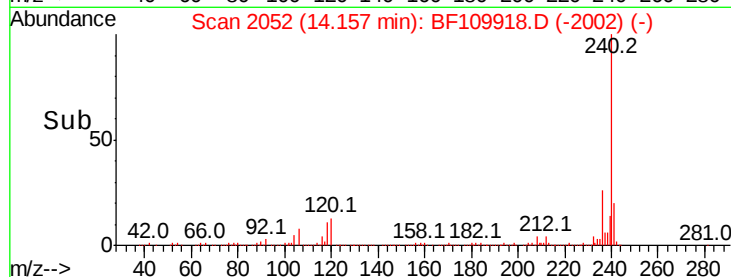
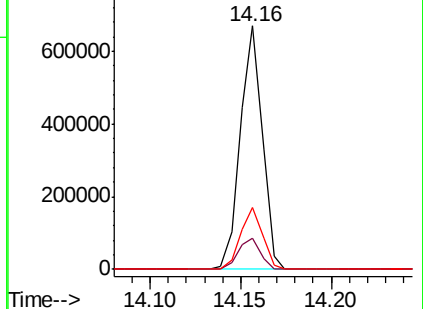
236 25.6 21.2 31.8



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: 64.418 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109918.D

Acq: 17 Oct 2018 12:26

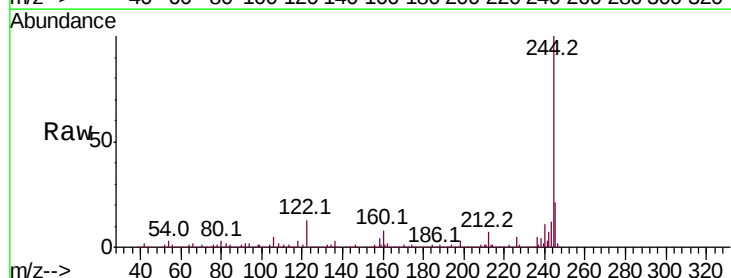
Tgt Ion:244 Resp: 1727820

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

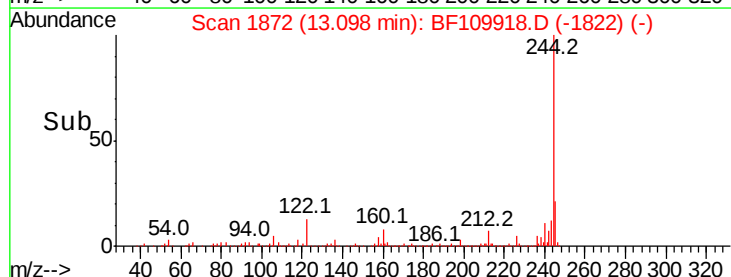
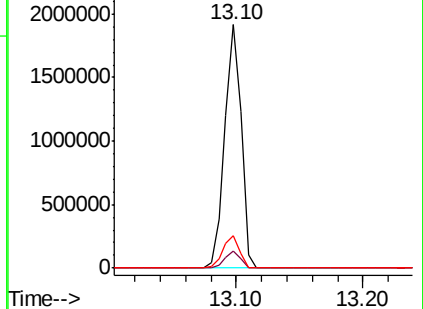
122 13.5 8.7 13.1#

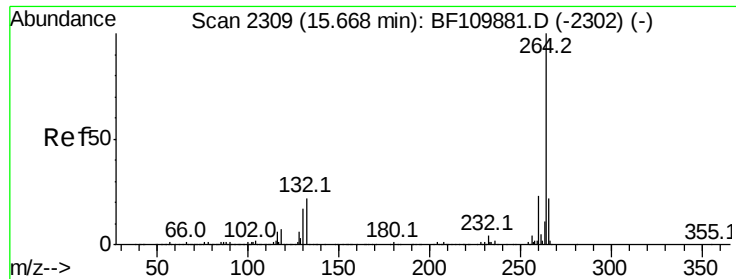


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109918.D
Acq: 17 Oct 2018 12:26

Instrument :
BNA_F
ClientSampleId :
SSSI-1011-S-DH-32

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.0	16.7	25.1

