

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109909.D
 Acq On : 16 Oct 2018 16:59
 Operator : JU/SJ
 Sample : J5516-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 17 04:26:49 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

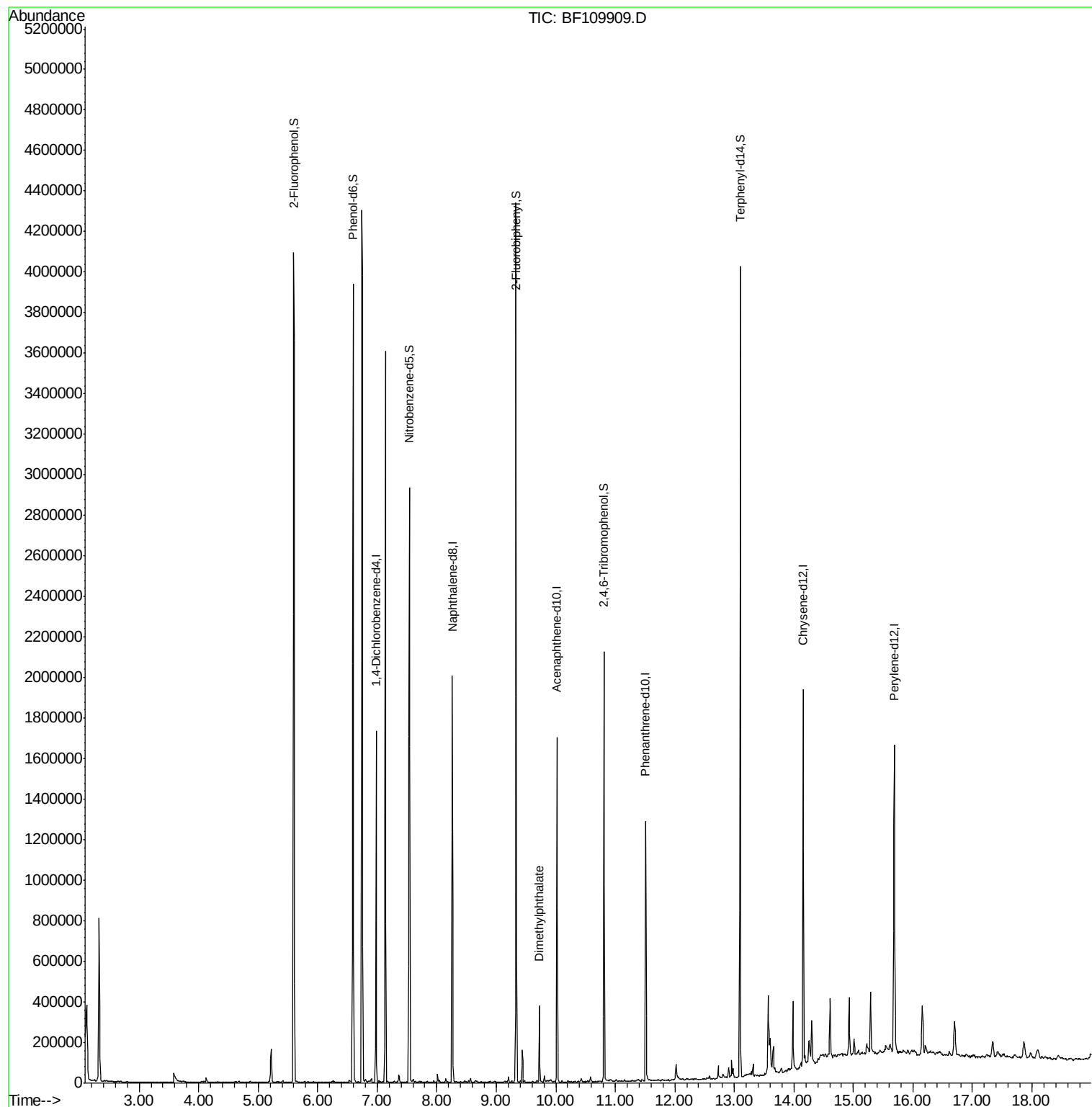
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	225513	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	796597	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	300744	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	472603	20.00	ng	0.00
76) Chrysene-d12	14.16	240	564991	20.00	ng	0.00
87) Perylene-d12	15.69	264	582100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1166892	82.02	ng	0.00
7) Phenol-d6	6.60	99	1407585	79.68	ng	0.00
23) Nitrobenzene-d5	7.54	82	845537	71.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	220576	84.71	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1338344	71.01	ng	0.00
79) Terphenyl-d14	13.10	244	1202134	44.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.73	163	138396	6.499	ng	Qvalue 99

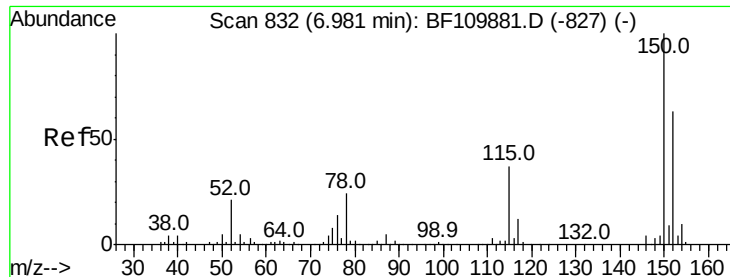
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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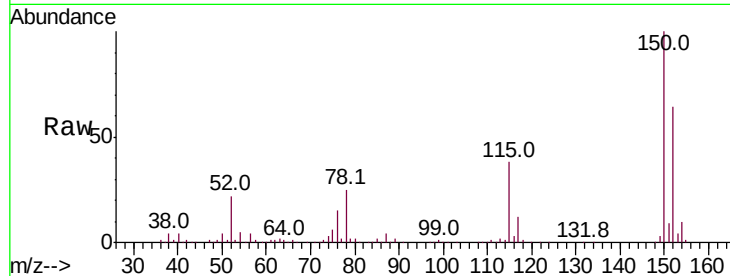


#1

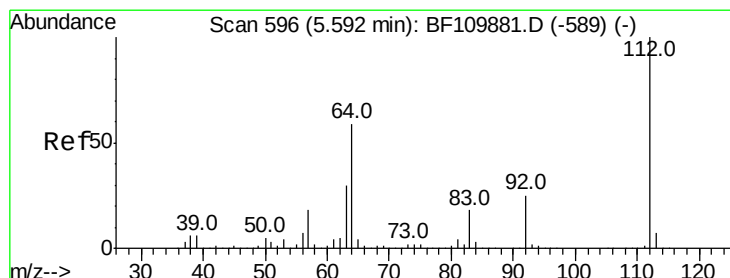
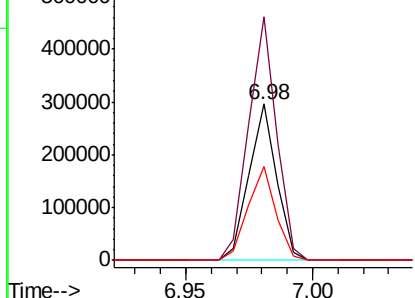
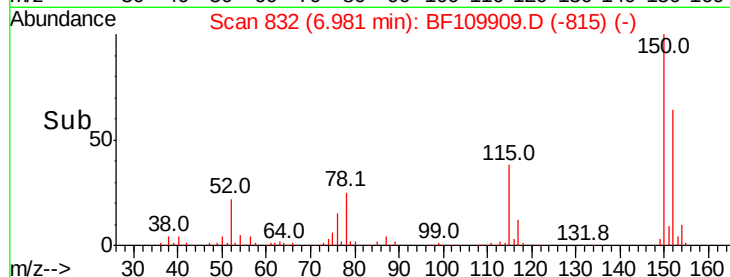
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109909.D
Acq: 16 Oct 2018 16:59

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

Tot Ion:152 Resp: 225513
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 59.8 49.1 73.7



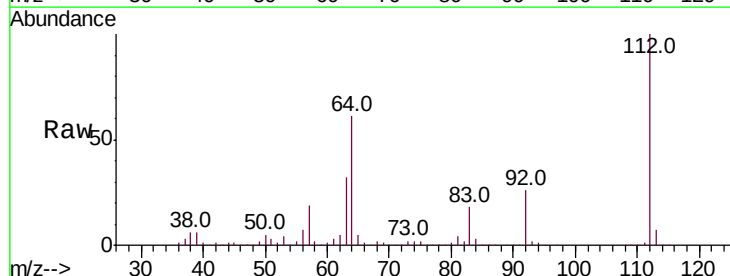
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



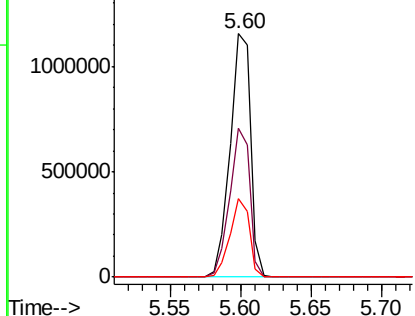
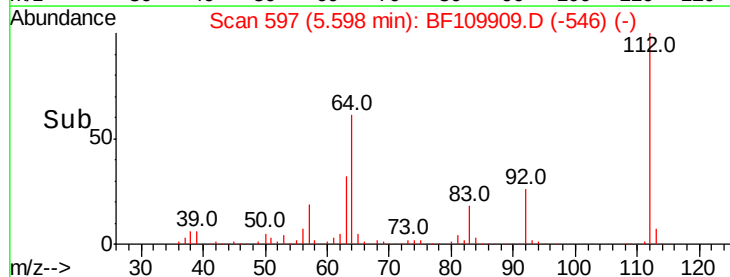
#5

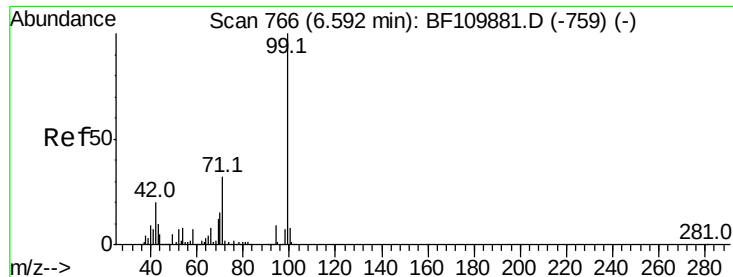
2-Fluorophenol
Concen: 82.021 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109909.D
Acq: 16 Oct 2018 16:59

Tgt Ion:112 Resp: 1166892
Ion Ratio Lower Upper
112 100
64 61.0 44.1 66.1
63 32.3 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: 79.678 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109909.D

Acq: 16 Oct 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSSI-1011-S-DH-32

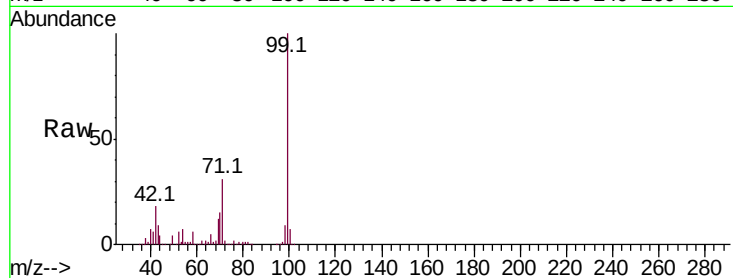
Tot Ion: 99 Resp: 1407585

Ion Ratio Lower Upper

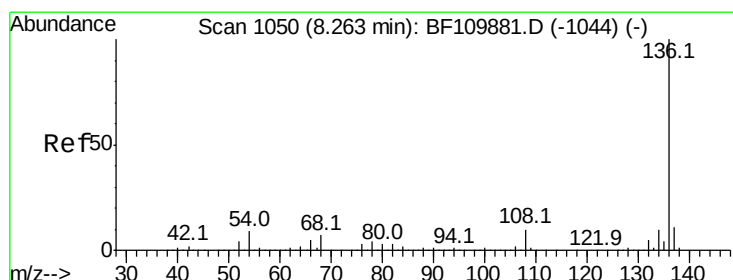
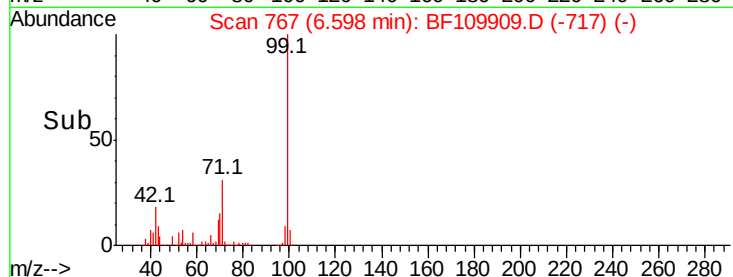
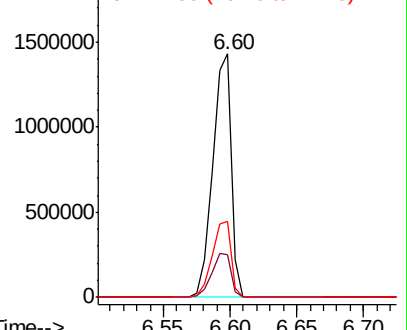
99 100

42 17.8 15.8 23.6

71 31.3 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: BF109909.D

Acq: 16 Oct 2018 16:59

Tgt Ion: 136 Resp: 796597

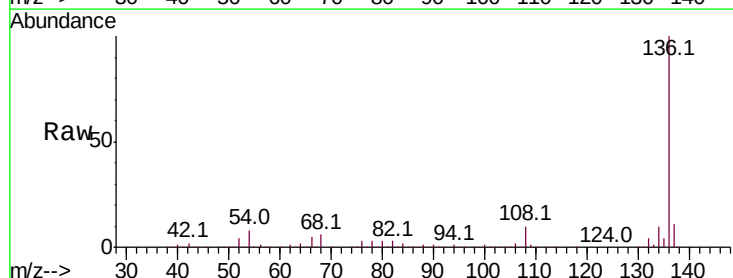
Ion Ratio Lower Upper

136 100

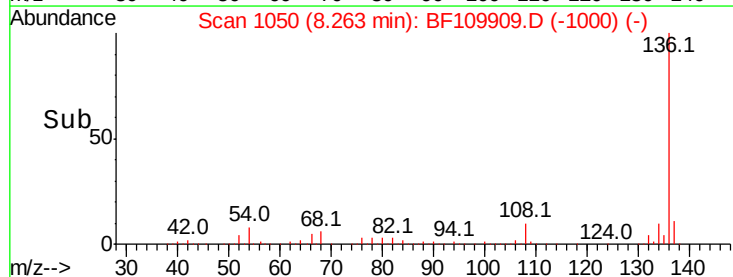
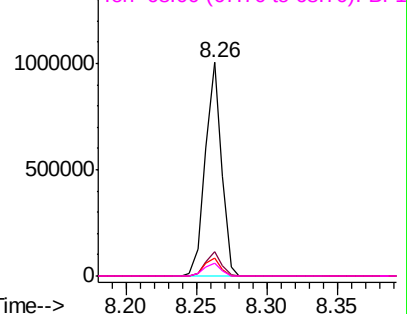
137 11.2 8.8 13.2

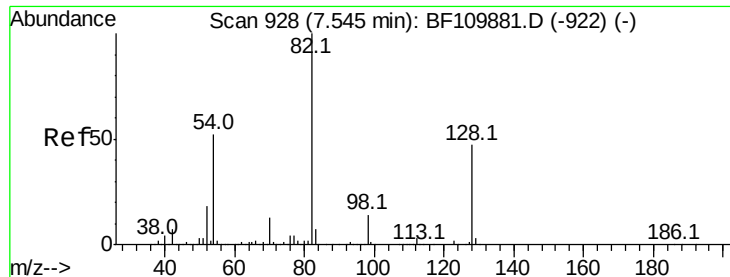
54 8.5 5.4 8.2#

68 6.2 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

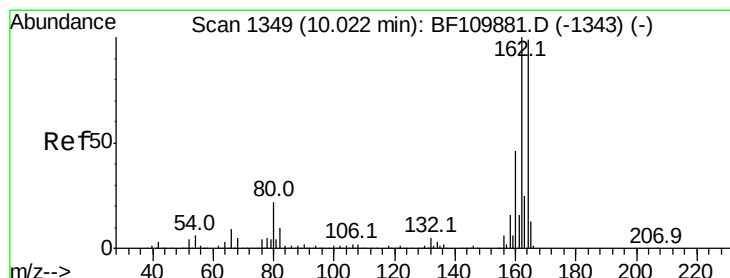
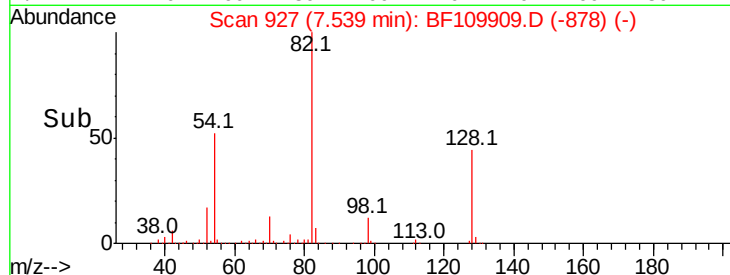
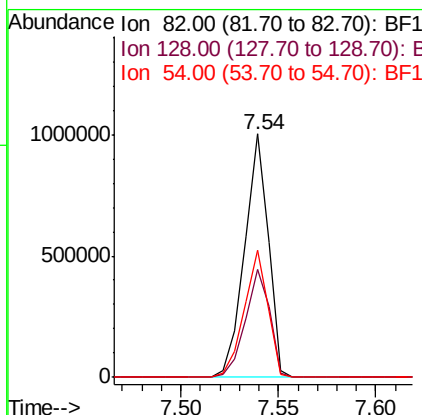
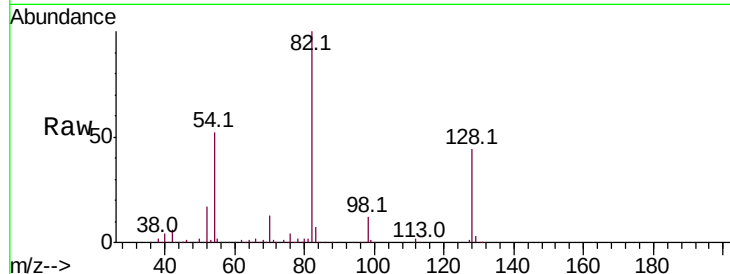




#23
 Nitrobenzene-d5
 Concen: 71.502 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109909.D
 Acq: 16 Oct 2018 16:59

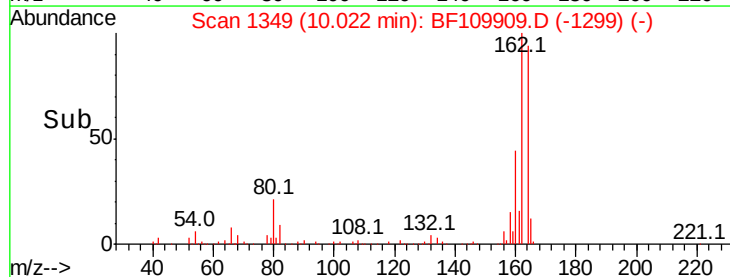
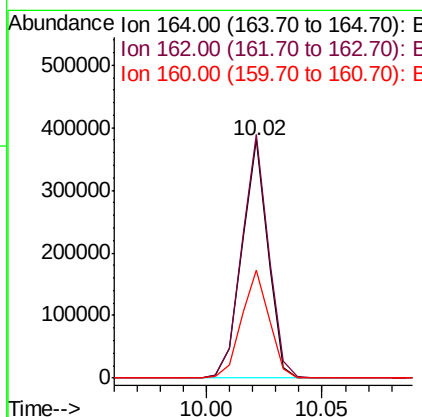
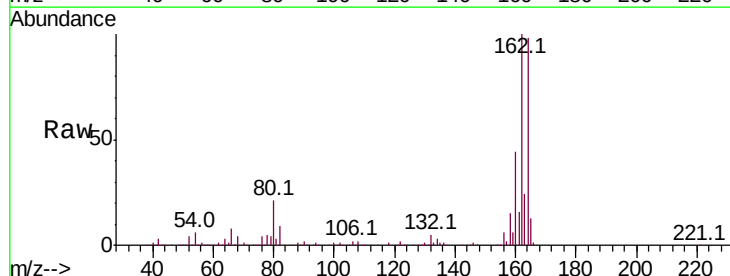
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1011-S-DH-32

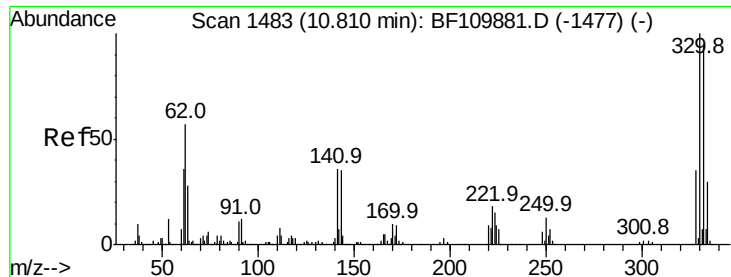
Tot Ion	82	Resp	845537
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.2	51.2
54	52.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109909.D
 Acq: 16 Oct 2018 16:59

Tgt Ion	164	Resp	300744
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.0	124.6
160	45.3	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 84.714 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109909.D

Acq: 16 Oct 2018 16:59

Instrument :

BNA_F

ClientSampleId :

SSSI-1011-S-DH-32

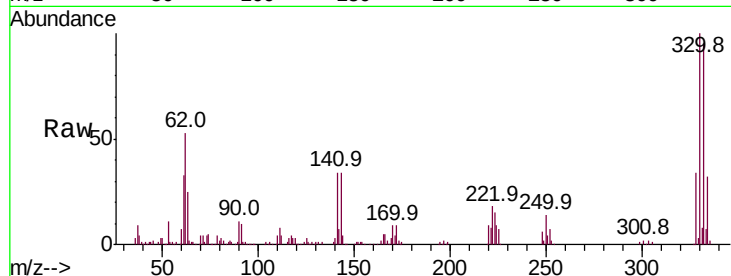
Tot Ion:330 Resp: 220576

Ion Ratio Lower Upper

330 100

332 93.8 77.1 115.7

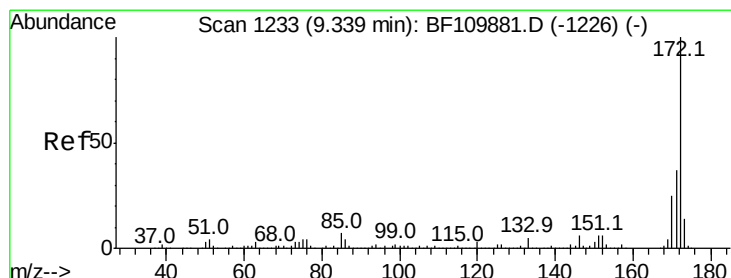
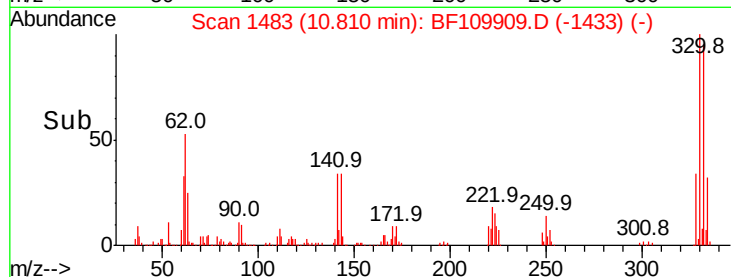
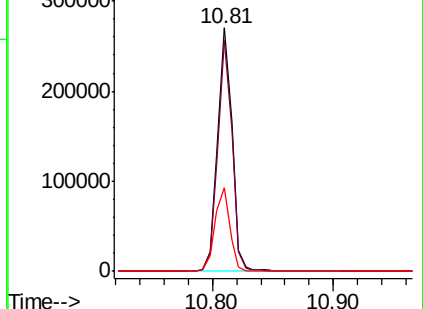
141 35.2 27.0 40.4



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: 71.008 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109909.D

Acq: 16 Oct 2018 16:59

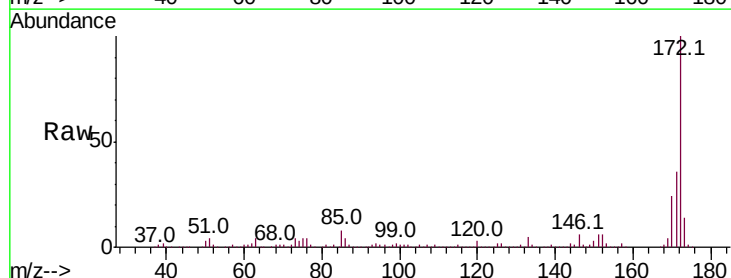
Tgt Ion:172 Resp: 1338344

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

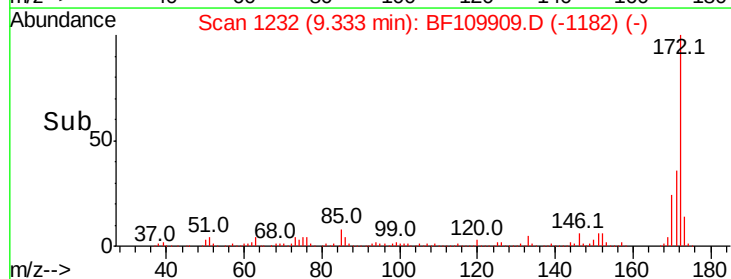
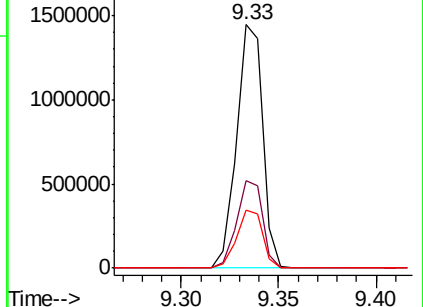
170 23.9 19.7 29.5

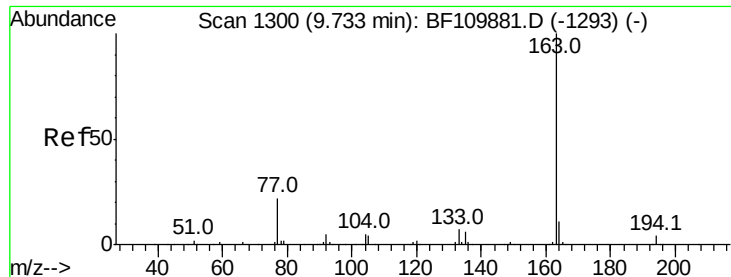


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.499 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109909.D

Acq: 16 Oct 2018 16:59

Instrument :

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ClientSampleId :

SSSI-1011-S-DH-32

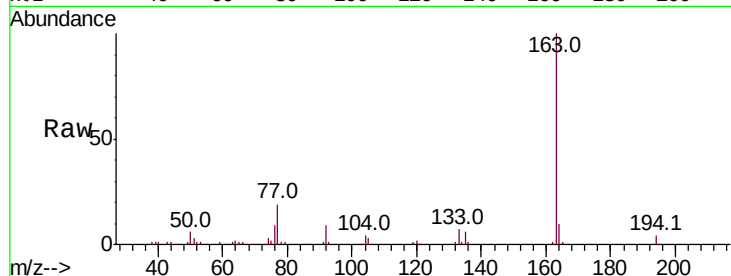
Tot Ion:163 Resp: 138396

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

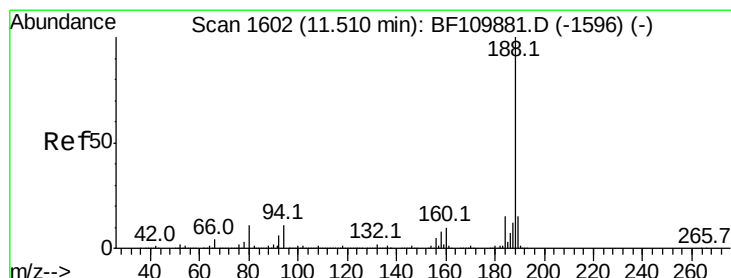
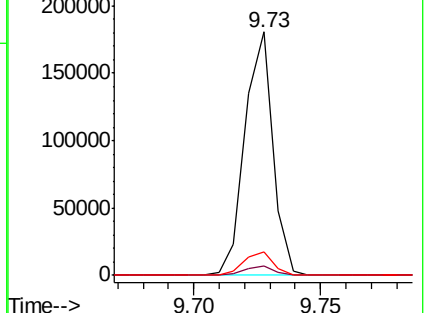
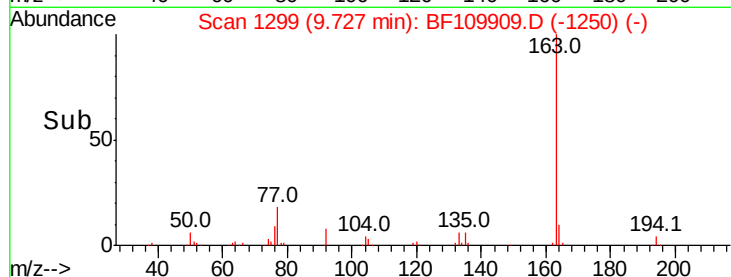
164 9.6 8.1 12.1



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: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109909.D

Acq: 16 Oct 2018 16:59

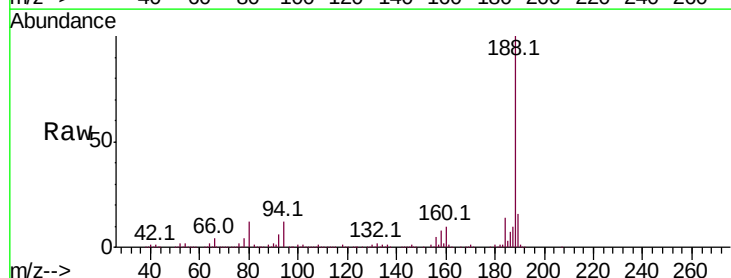
Tgt Ion:188 Resp: 472603

Ion Ratio Lower Upper

188 100

94 11.9 7.2 10.8#

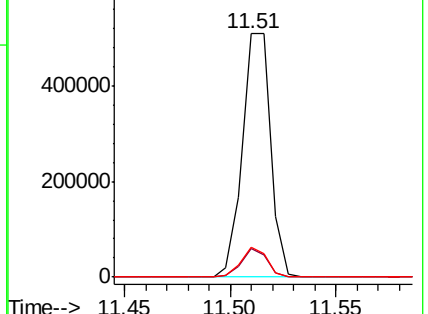
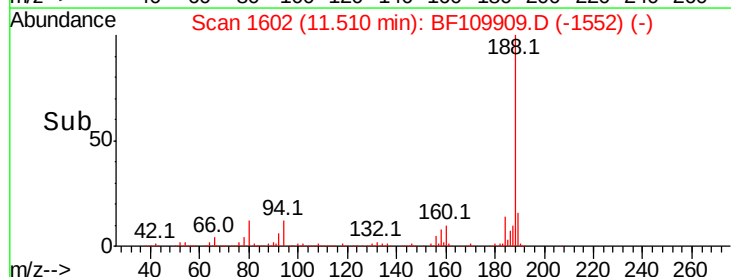
80 12.2 7.9 11.9#

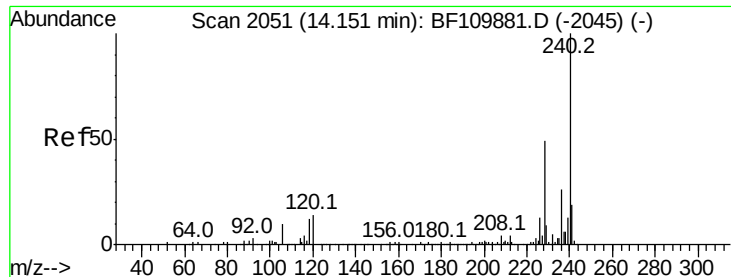


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

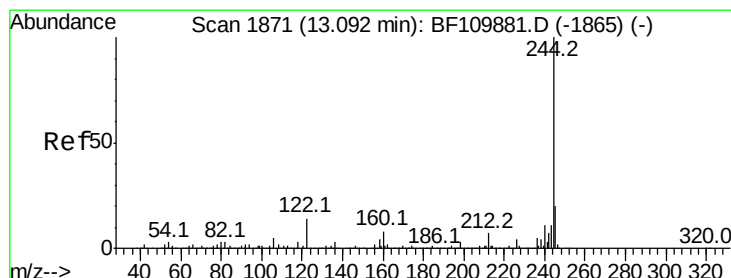
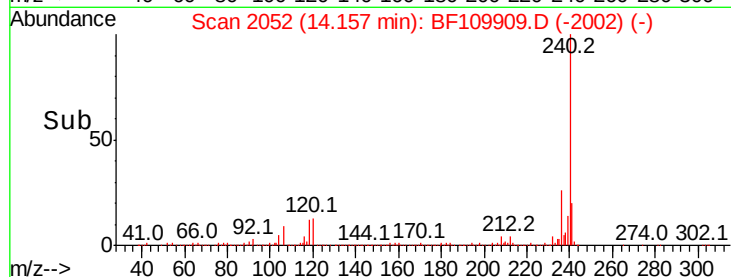
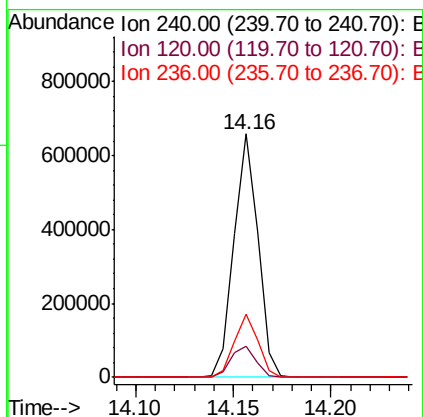
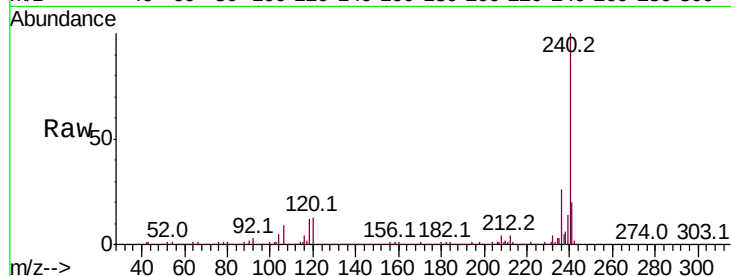




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109909.D
 Acq: 16 Oct 2018 16:59

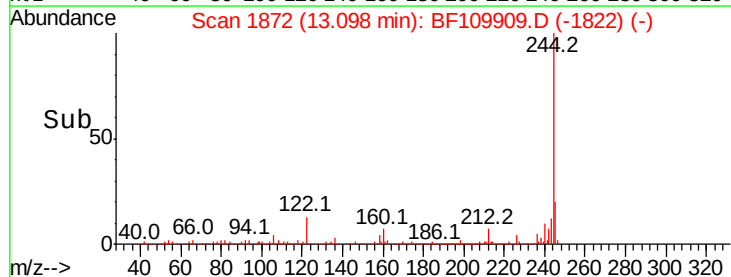
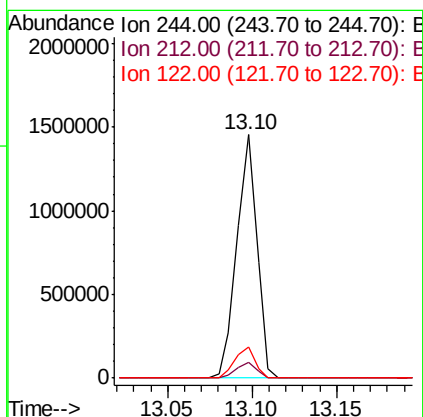
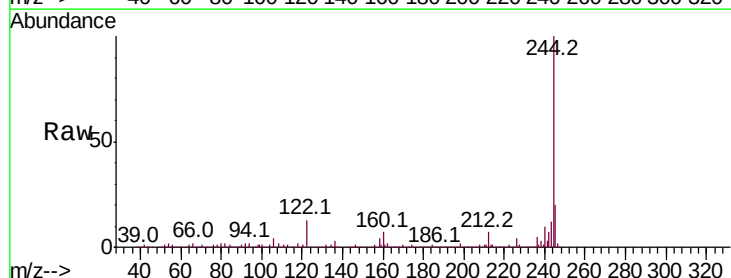
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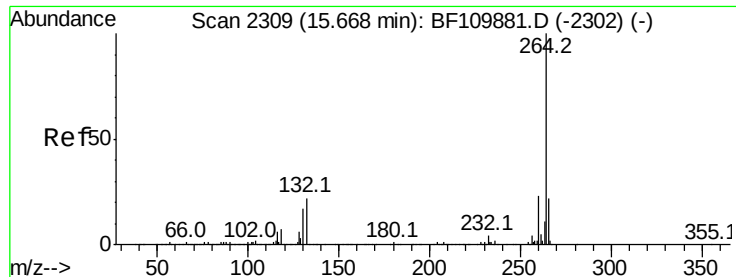
Tot Ion:240 Resp: 564991
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.3 12.5#
 236 25.9 21.2 31.8



#79
 Terphenyl-d14
 Concen: 44.680 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109909.D
 Acq: 16 Oct 2018 16:59

Tgt Ion:244 Resp: 1202134
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 12.7 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109909.D
Acq: 16 Oct 2018 16:59

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	16.7	25.1

