

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109504.D
 Acq On : 2 Oct 2018 16:30
 Operator : JU/SJ
 Sample : J5186-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-M

Quant Time: Oct 03 04:18:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

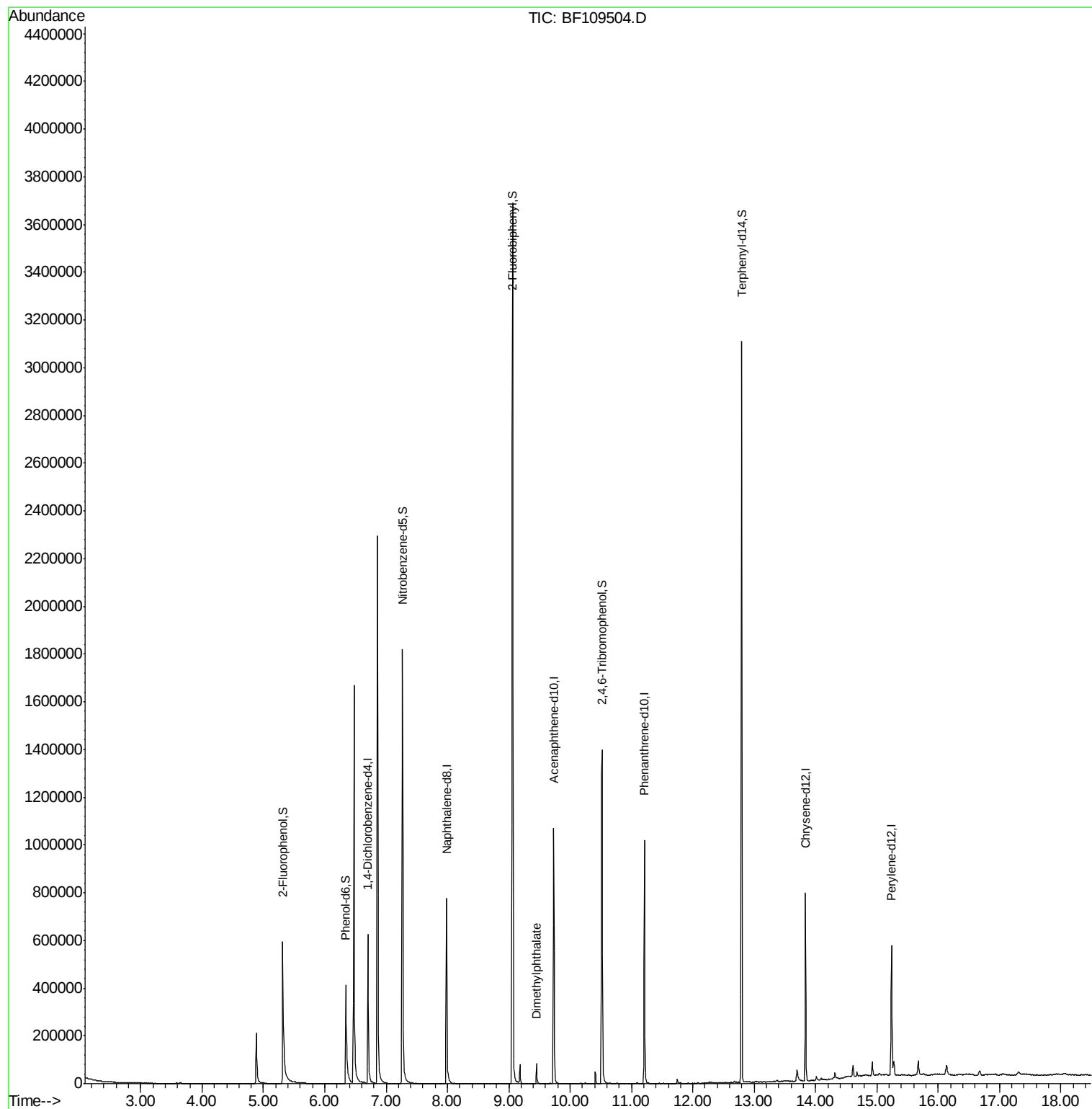
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111607	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	423760	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	200902	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	379143	20.00	ng	0.00
75) Chrysene-d12	13.84	240	265483	20.00	ng	0.00
86) Perylene-d12	15.24	264	259158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	264564	39.04	ng	0.00
7) Phenol-d6	6.35	99	213437	24.68	ng	-0.01
23) Nitrobenzene-d5	7.27	82	696293	97.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	193060	97.48	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1228168	92.20	ng	-0.01
78) Terphenyl-d14	12.80	244	1105369	102.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	40031	2.740	ng	Qvalue 99

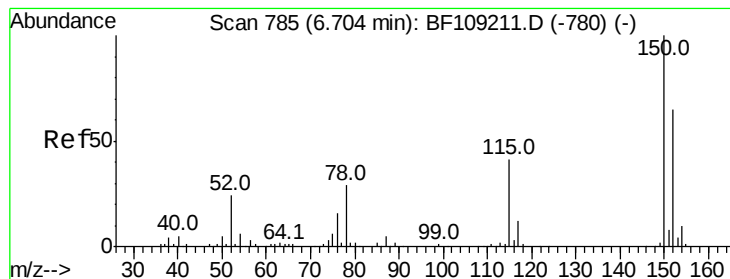
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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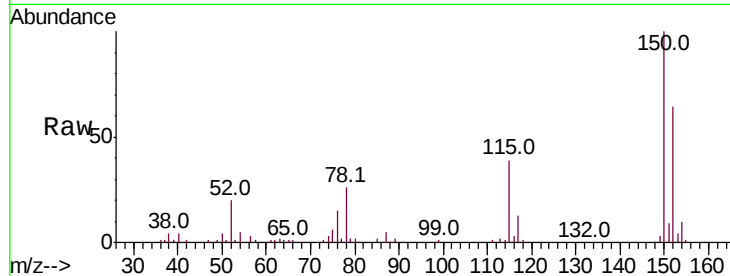


#1

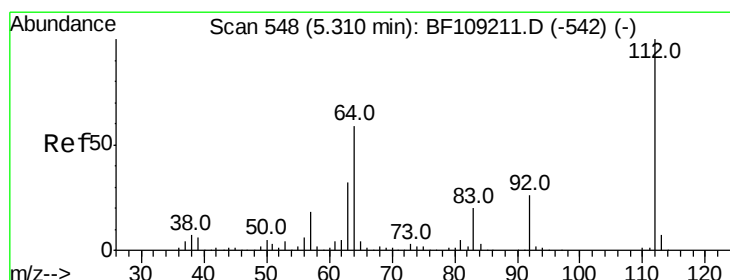
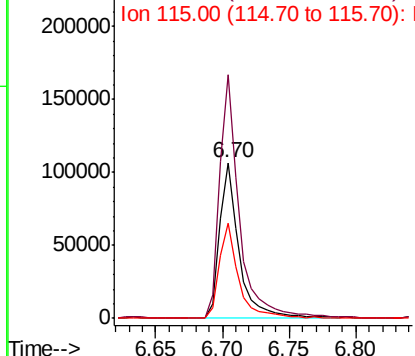
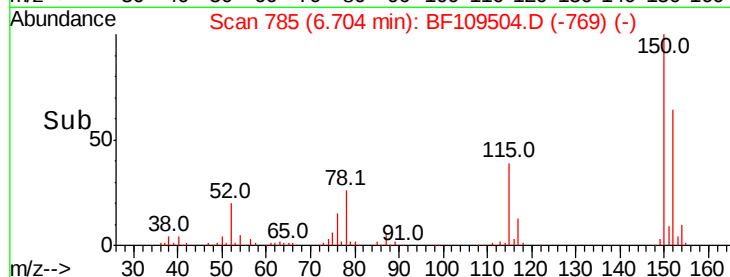
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Instrument :
BNA_F
ClientSampleId :
092718-SIDI-F-D-M

Tot Ion:152 Resp: 111607
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.9 50.1 75.1



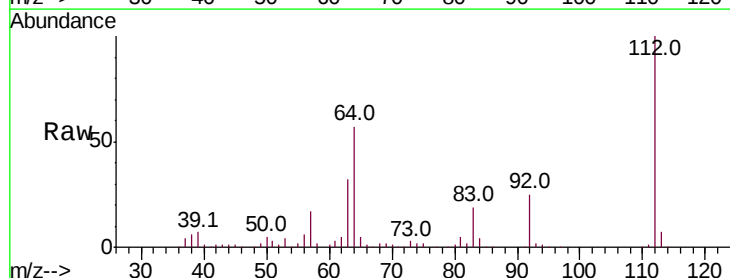
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



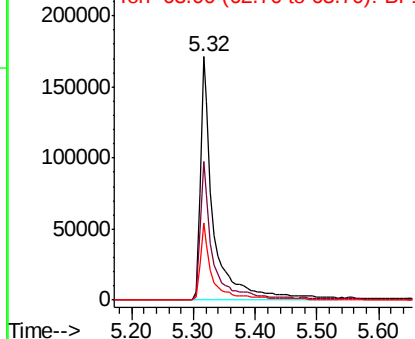
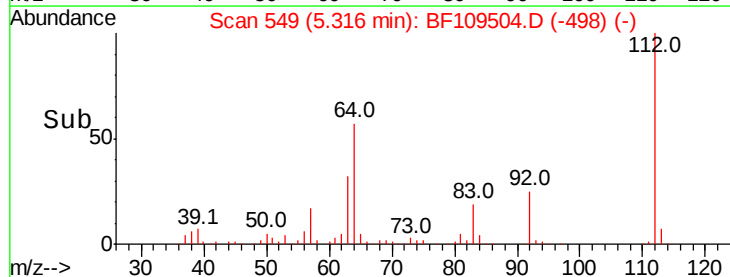
#5

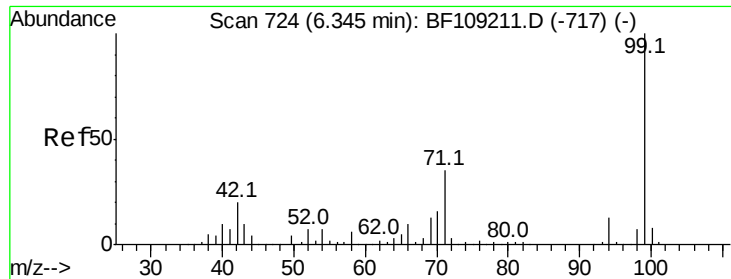
2-Fluorophenol
Concen: 39.044 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109504.D
Acq: 2 Oct 2018 16:30

Tgt Ion:112 Resp: 264564
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 31.7 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: 24.685 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Instrument :

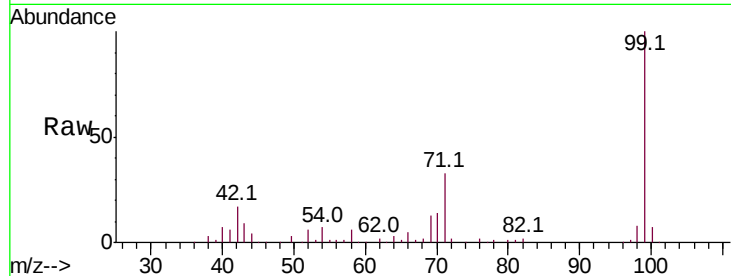
BNA_F

ClientSampleId :

092718-SIDI-F-D-M

Tot Ion: 99 Resp: 213437

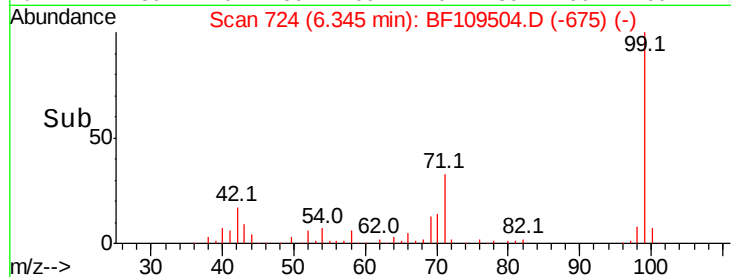
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	32.9	25.4	38.0



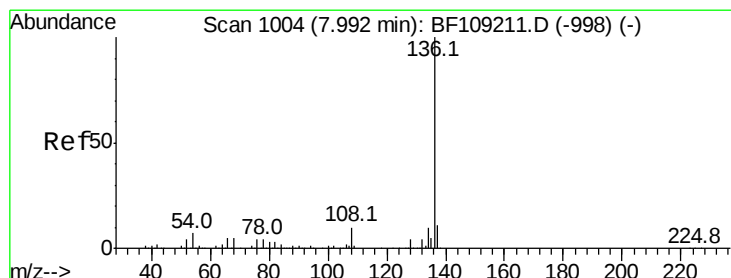
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

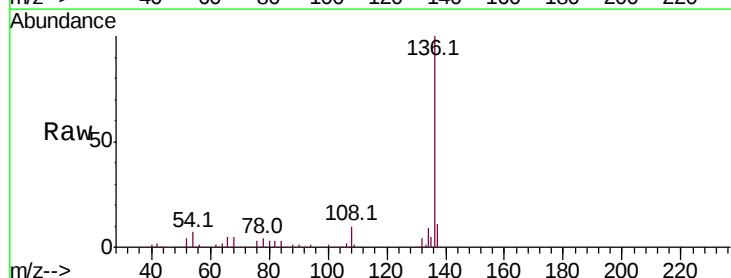
Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Tgt Ion: 136 Resp: 423760

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.1	5.0	7.4

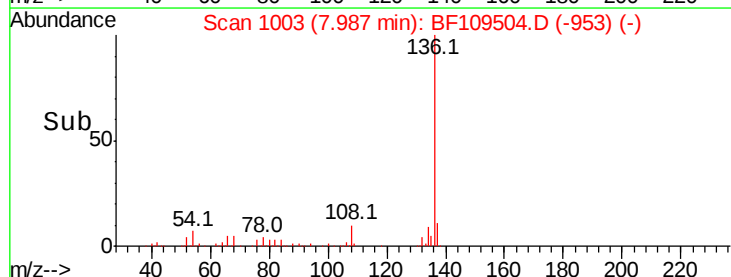


Abundance Ion 136.00 (135.70 to 136.70): E

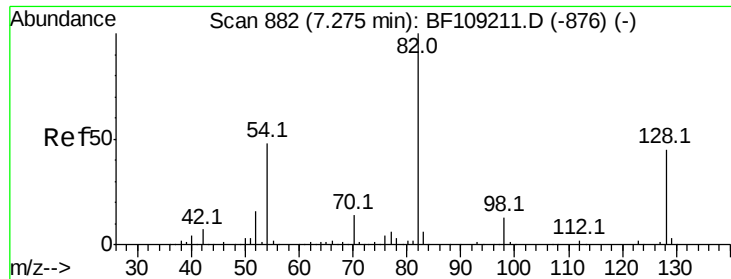
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



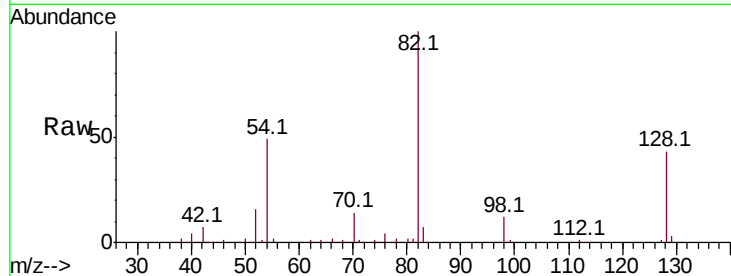
Time-->



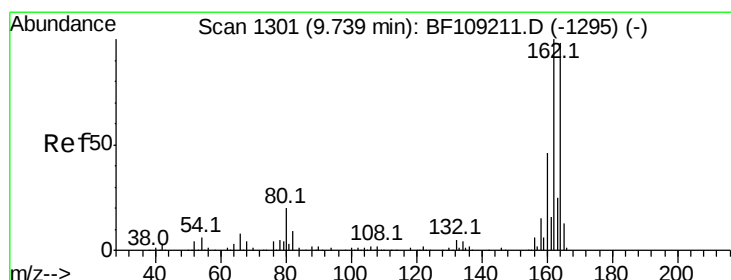
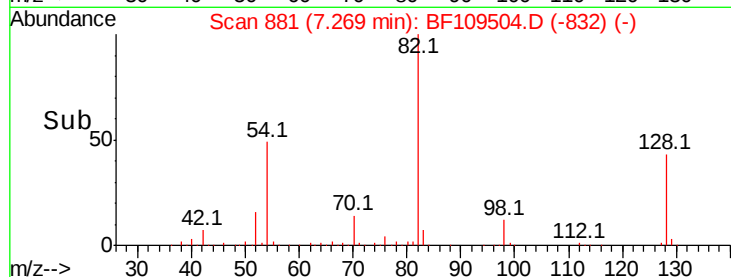
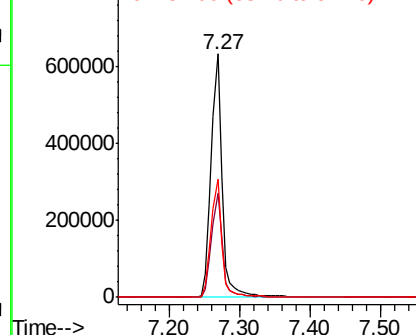
#23
 Nitrobenzene-d5
 Concen: 96.996 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-M

Tot Ion	82	Resp	696293
Ion Ratio	Lower	Upper	
82	100		
128	42.9	36.1	54.1
54	48.6	41.4	62.2

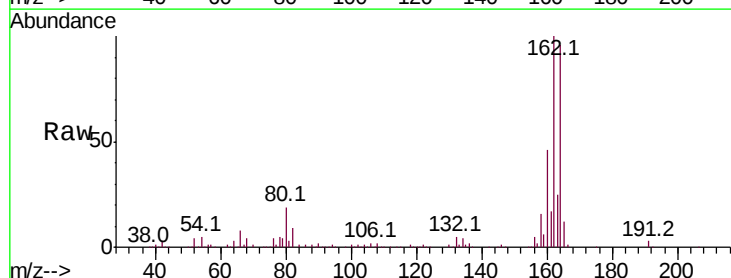


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

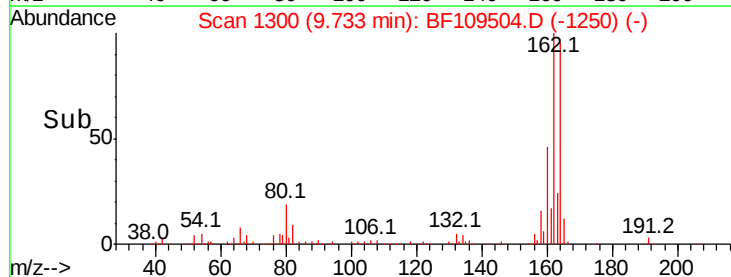
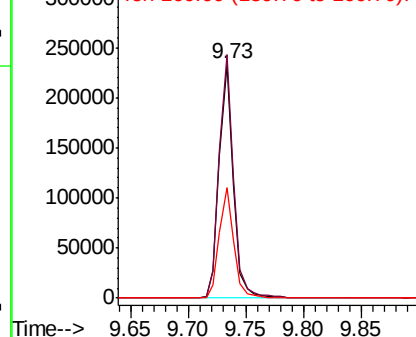


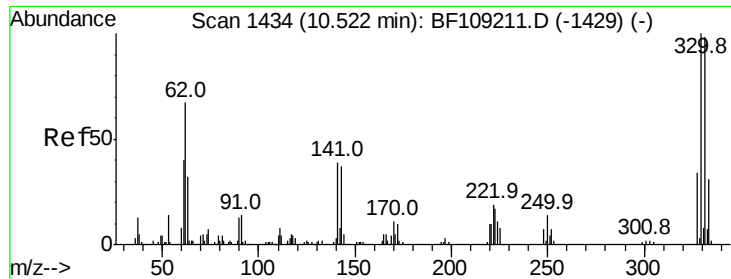
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Tgt Ion	164	Resp	200902
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	47.4	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

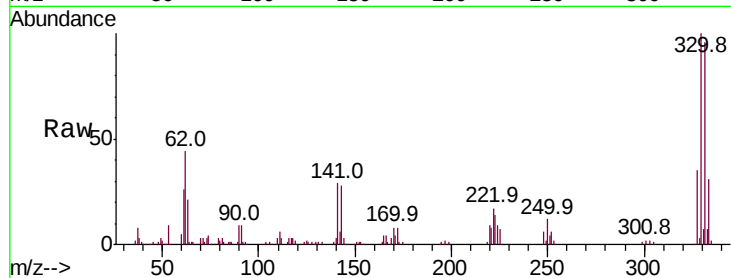




#41
 2,4,6-Tribromophenol
 Concen: 97.482 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.2	29.9	44.9

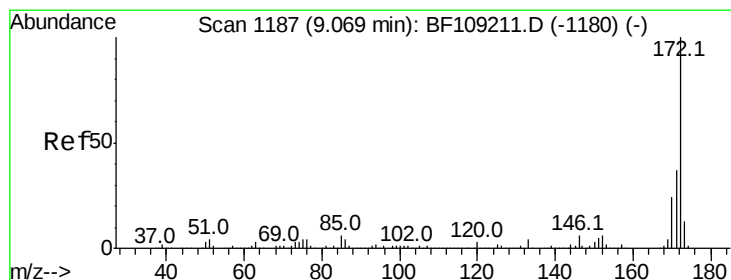
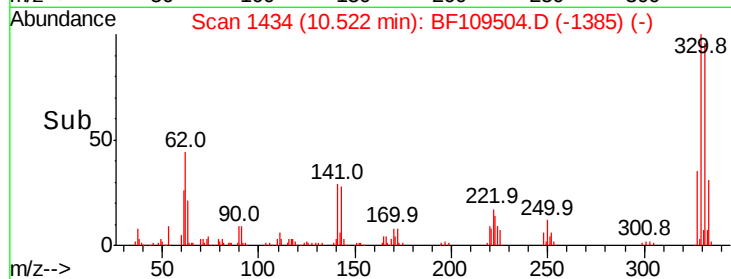
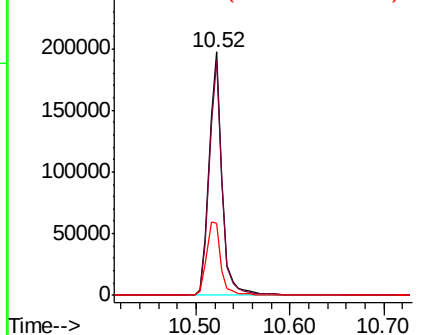


Abundance

Ion 329.80 (329.50 to 330.50): E

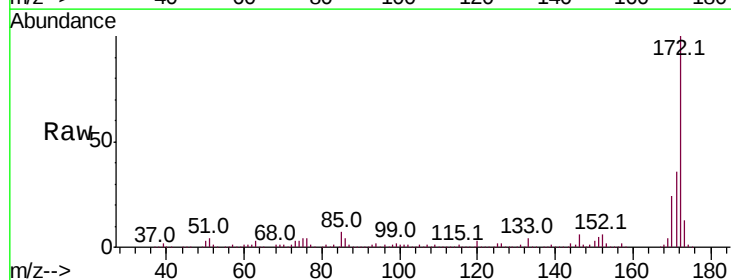
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.200 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

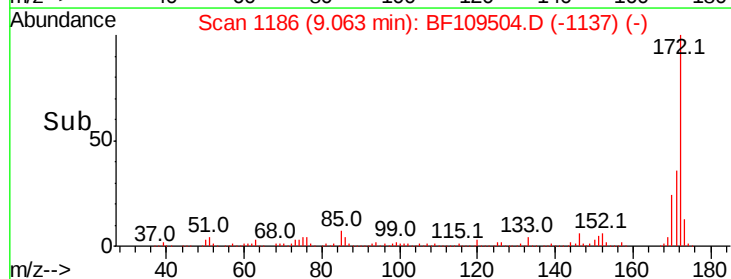
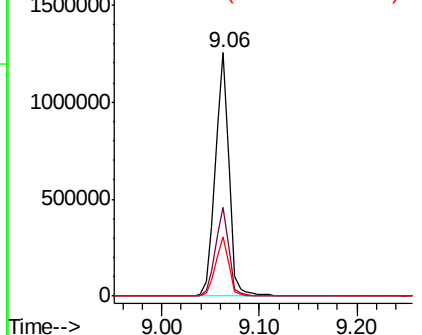


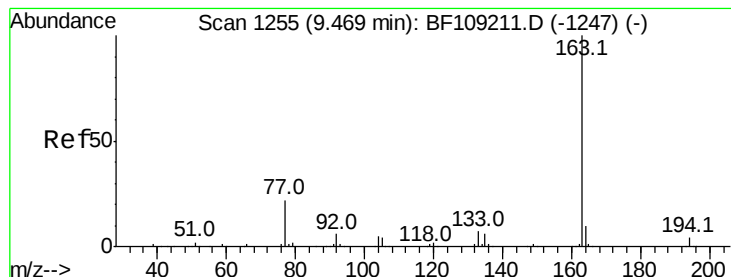
Abundance

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: 2.740 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Instrument :

BNA_F

ClientSampleId :

092718-SIDI-F-D-M

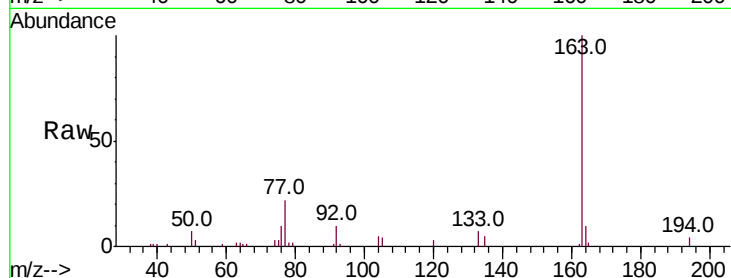
Tot Ion:163 Resp: 40031

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

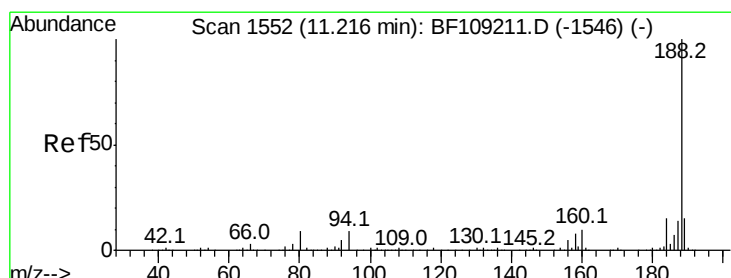
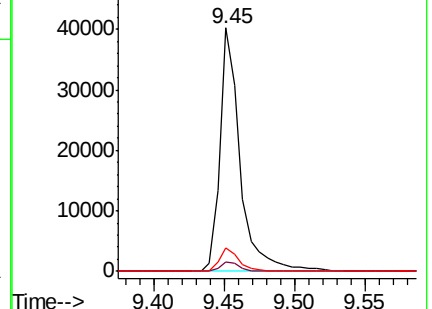
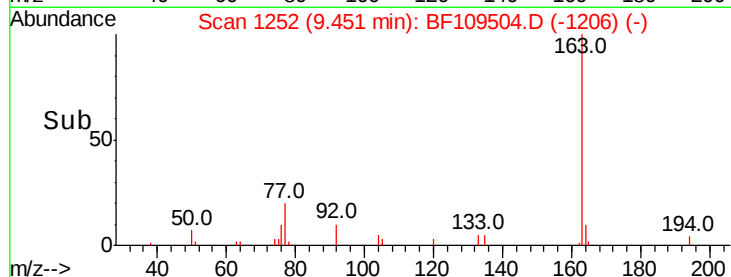
164 9.6 8.2 12.2



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

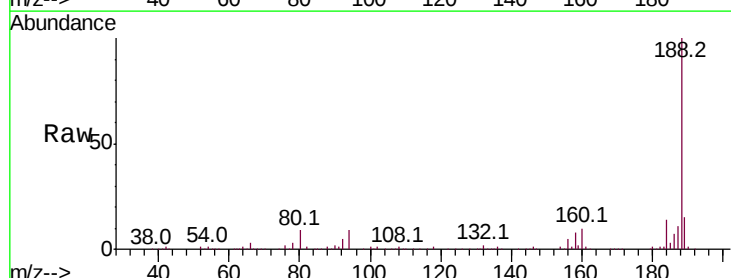
Tgt Ion:188 Resp: 379143

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

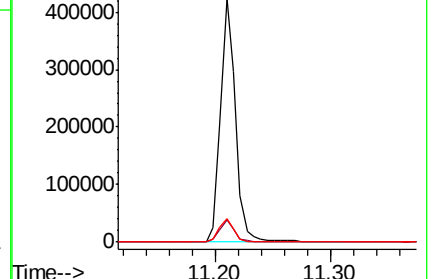
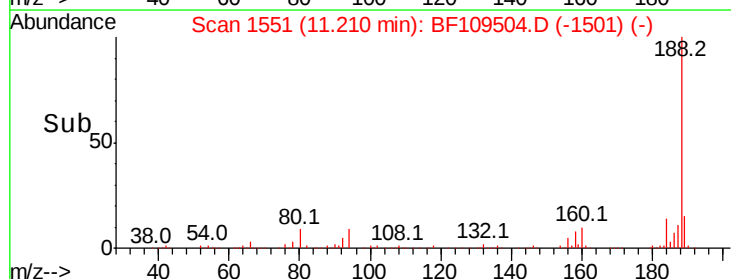
80 9.4 9.2 13.8

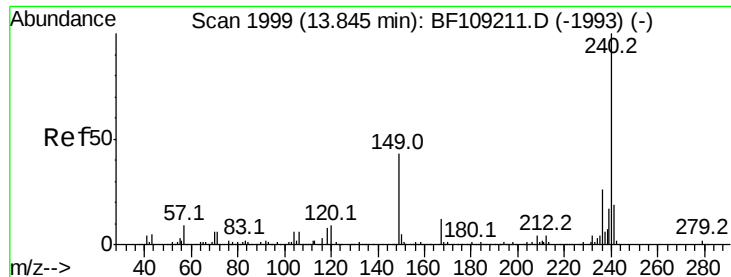


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

Instrument :

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ClientSampleId :

092718-SIDI-F-D-M

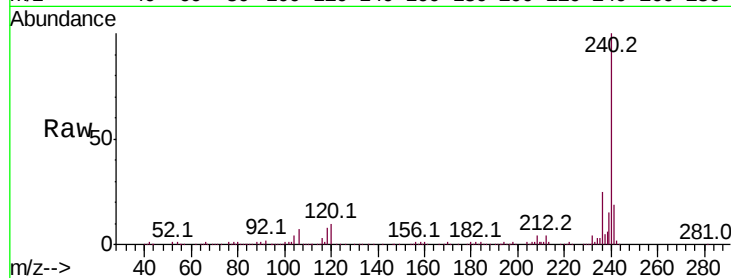
Tot Ion:240 Resp: 265483

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

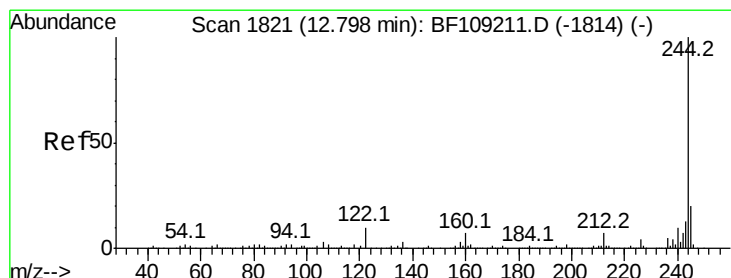
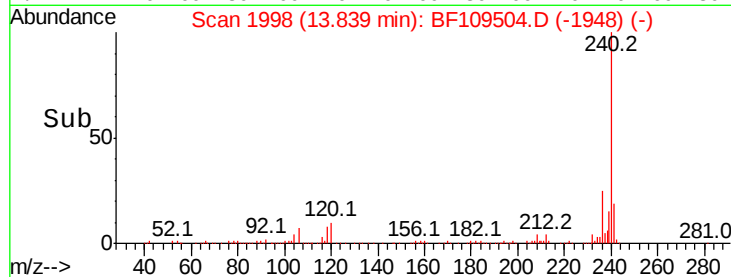
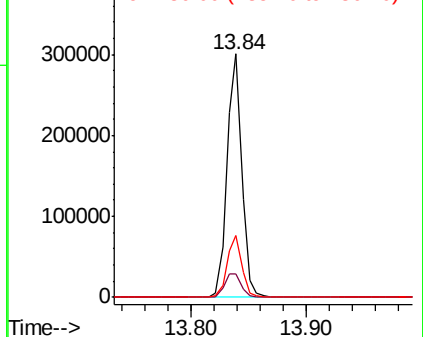
236 25.2 20.7 31.1



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: 102.182 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109504.D

Acq: 2 Oct 2018 16:30

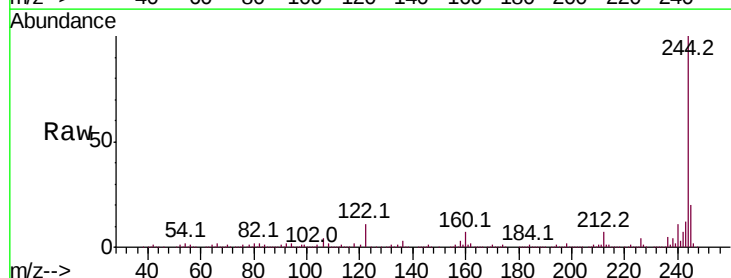
Tgt Ion:244 Resp: 1105369

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

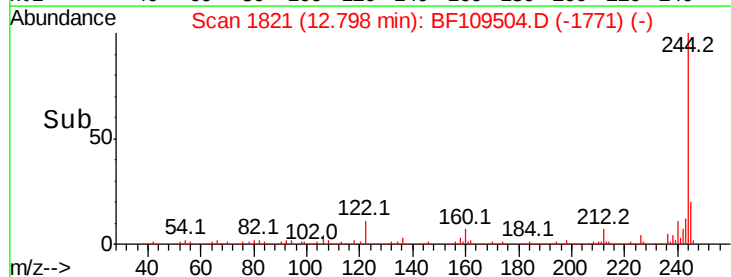
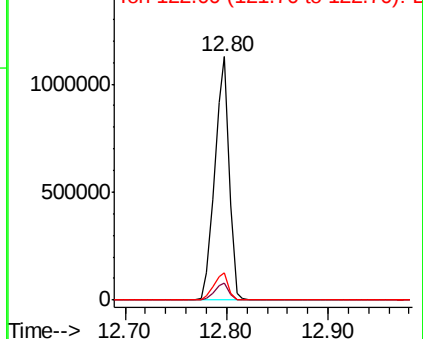
122 11.0 11.0 16.4

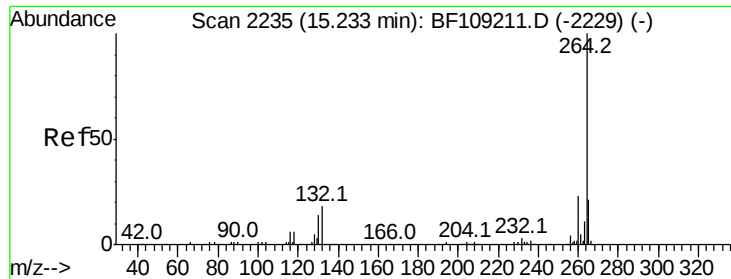


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109504.D
 Acq: 2 Oct 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 092718-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

