

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109409.D
 Acq On : 28 Sep 2018 2:38
 Operator : JU/SJ
 Sample : J5076-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-M

Quant Time: Sep 28 07:21:39 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

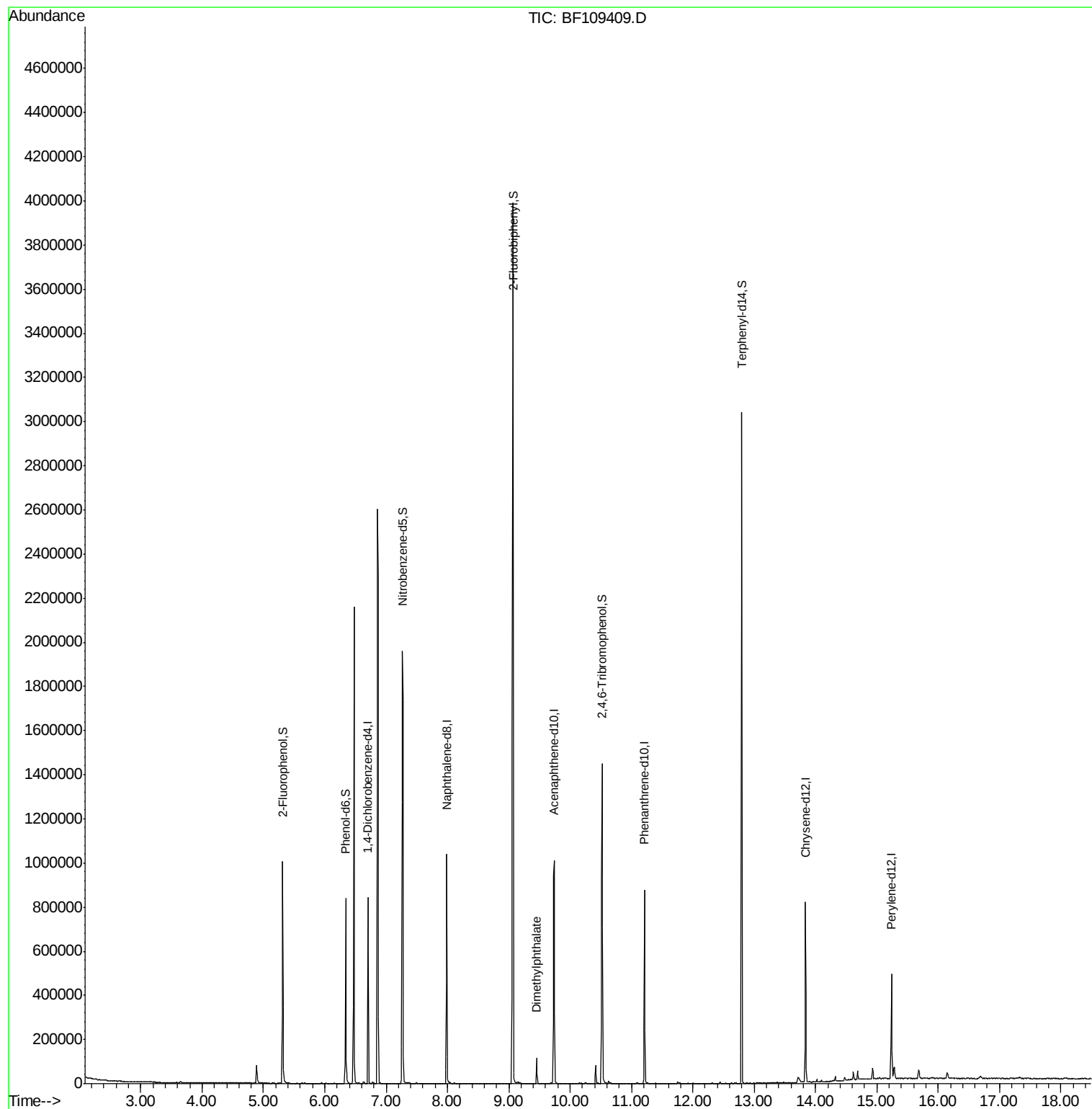
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115949	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	442401	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	201845	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	329379	20.00	ng	0.00
75) Chrysene-d12	13.84	240	267816	20.00	ng	0.00
86) Perylene-d12	15.24	264	208604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	282942	40.19	ng	0.00
7) Phenol-d6	6.34	99	242982	27.05	ng	-0.02
23) Nitrobenzene-d5	7.27	82	737705	98.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165656	83.25	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1269768	94.88	ng	0.00
78) Terphenyl-d14	12.80	244	1035818	94.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	45815	3.121	ng	# 99

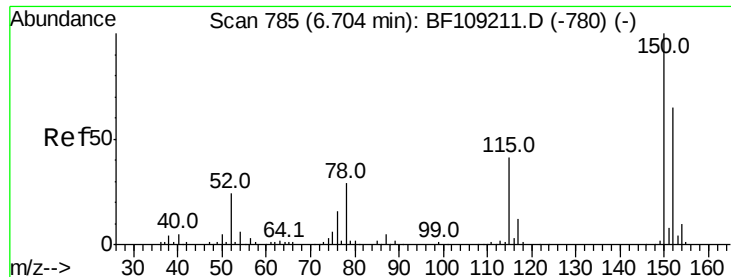
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 22 13:32:18 2018
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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: BF109409.D

Acq: 28 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-M

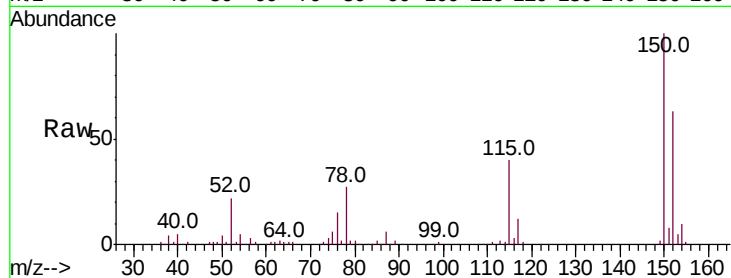
Tot Ion:152 Resp: 115949

Ion Ratio Lower Upper

152 100

150 159.0 124.6 186.8

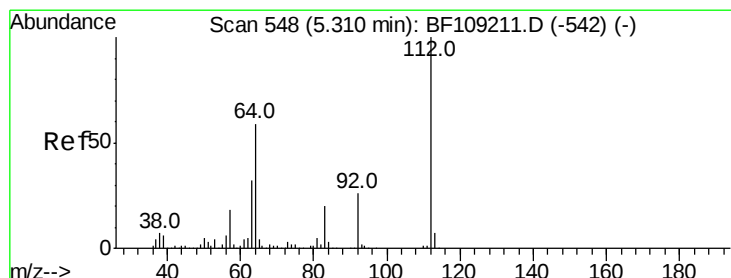
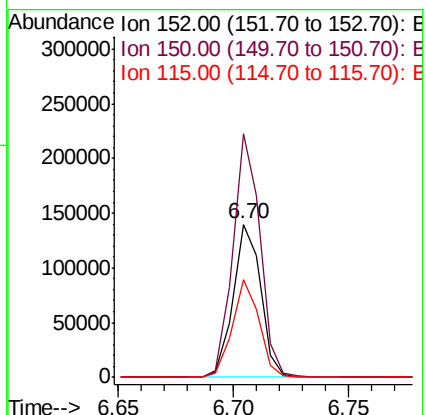
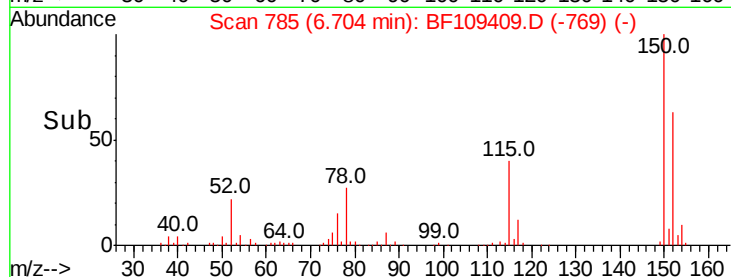
115 63.5 50.1 75.1



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: 40.192 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109409.D

Acq: 28 Sep 2018 2:38

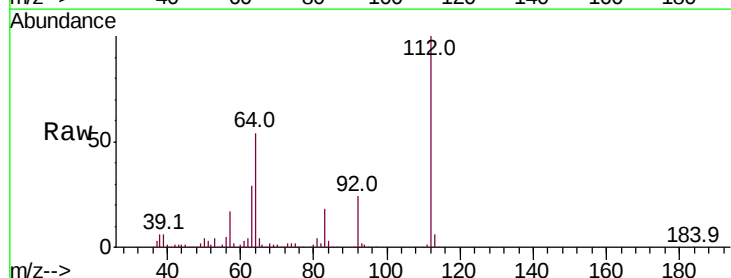
Tgt Ion:112 Resp: 282942

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

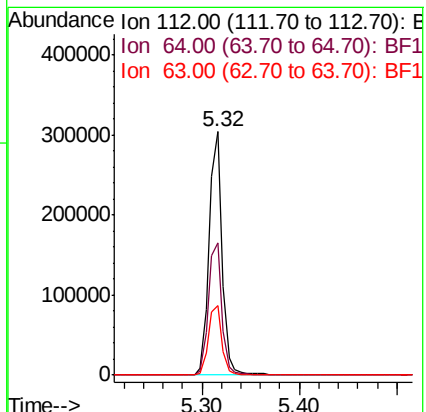
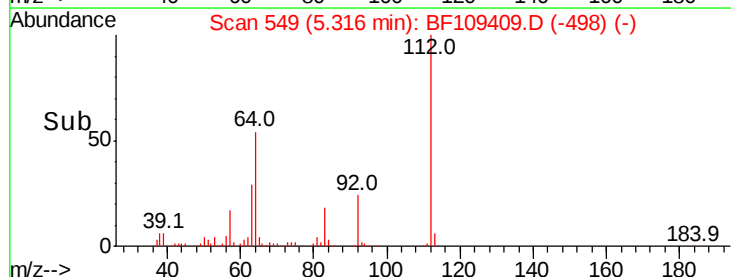
63 28.6 23.7 35.5

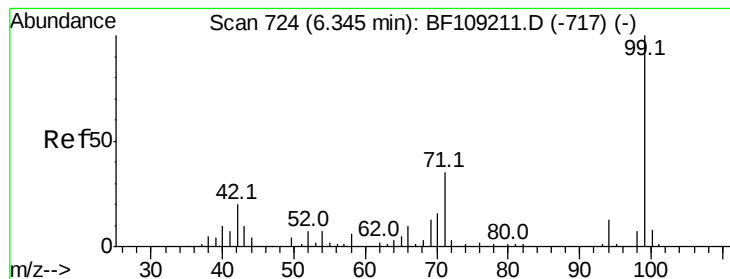


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.049 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109409.D

Acq: 28 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-M

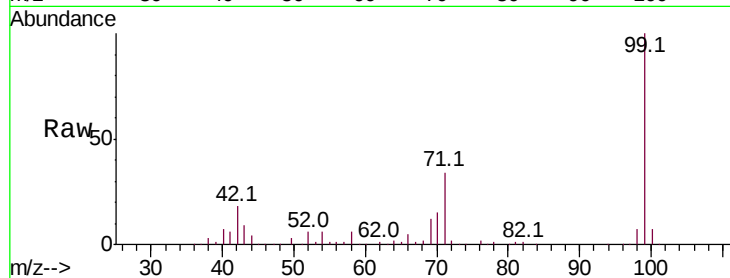
Tot Ion: 99 Resp: 242982

Ion Ratio Lower Upper

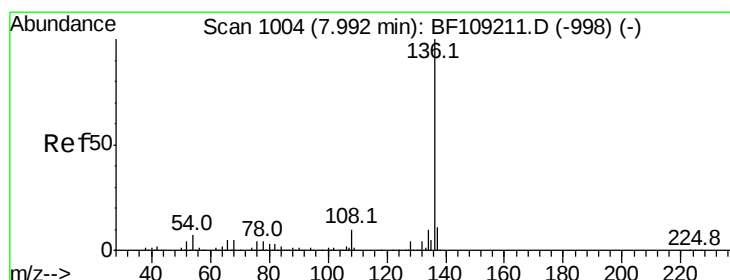
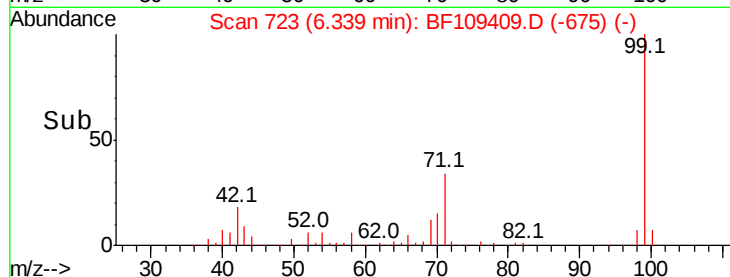
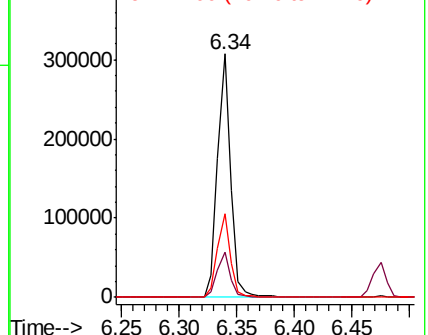
99 100

42 18.3 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109409.D

Acq: 28 Sep 2018 2:38

Tgt Ion: 136 Resp: 442401

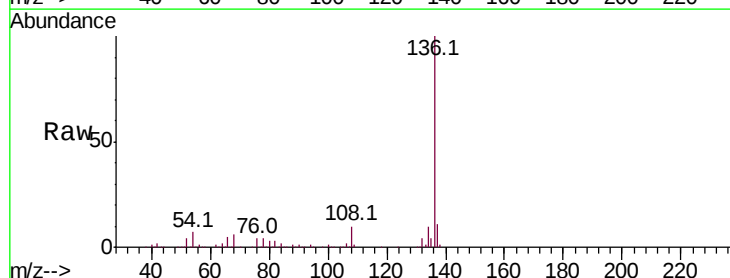
Ion Ratio Lower Upper

136 100

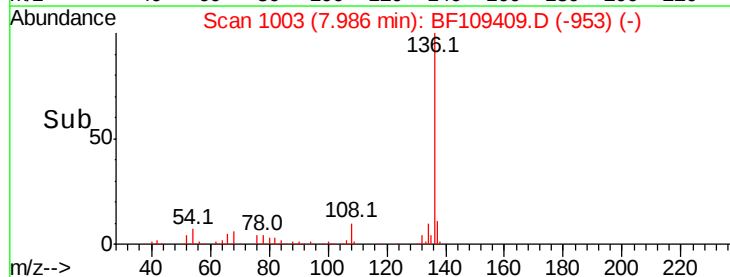
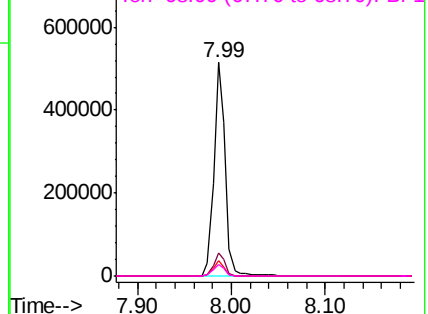
137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 5.7 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

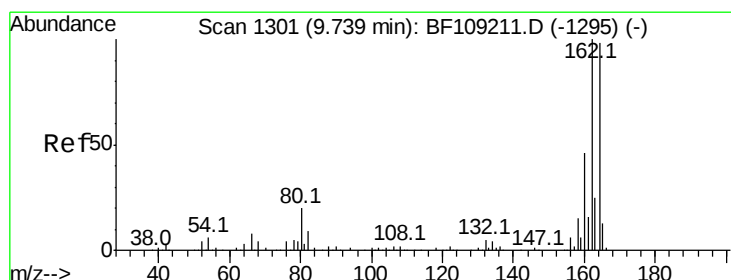
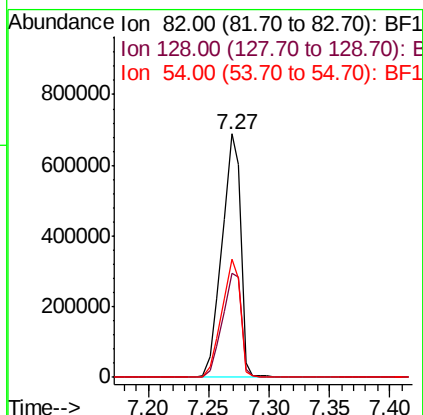
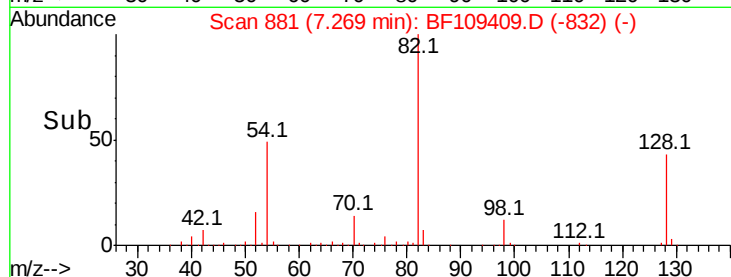
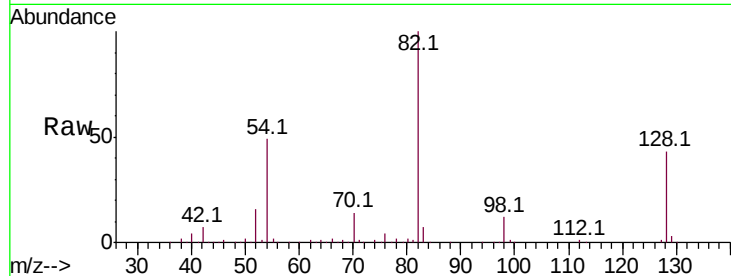




#23
Nitrobenzene-d5
Concen: 98.435 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109409.D
Acq: 28 Sep 2018 2:38

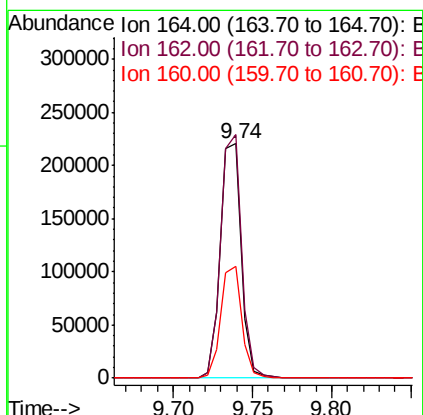
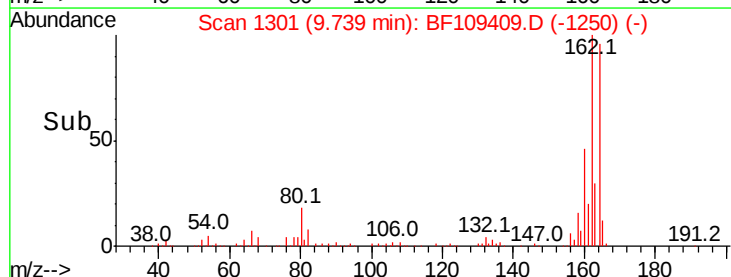
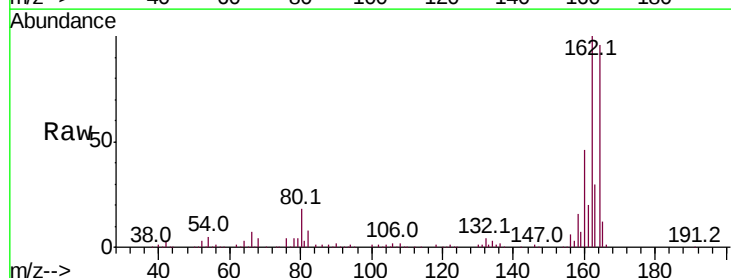
Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-M

Tot Ion: 82 Resp: 737705
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 48.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109409.D
Acq: 28 Sep 2018 2:38

Tgt Ion: 164 Resp: 201845
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 47.9 38.3 57.5

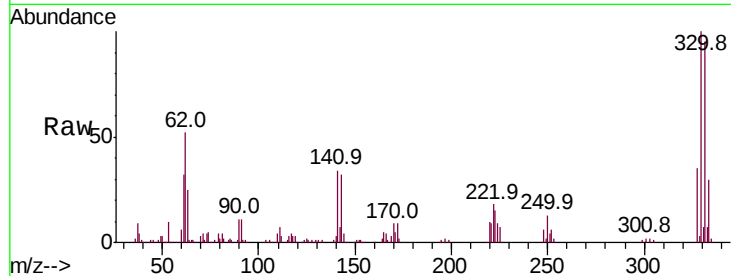




#41
 2,4,6-Tribromophenol
 Concen: 83.254 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109409.D
 Acq: 28 Sep 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.4	29.9	44.9

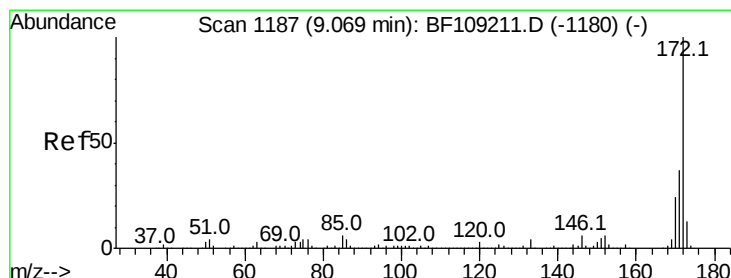
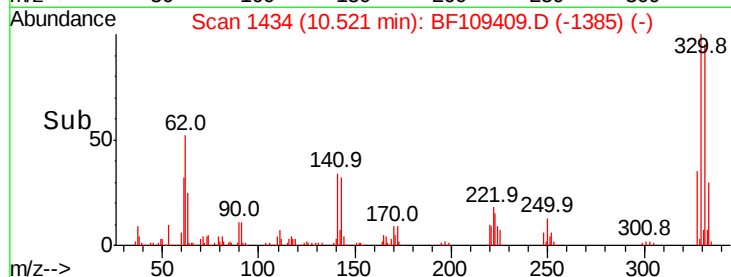
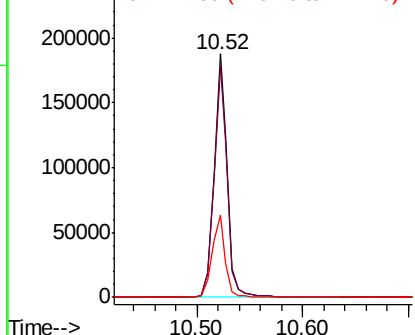


Abundance

Ion 329.80 (329.50 to 330.50): E

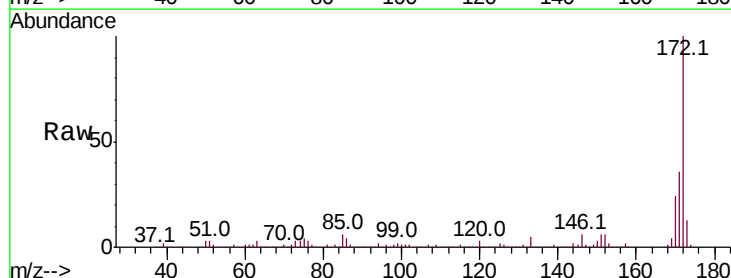
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.877 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109409.D
 Acq: 28 Sep 2018 2:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

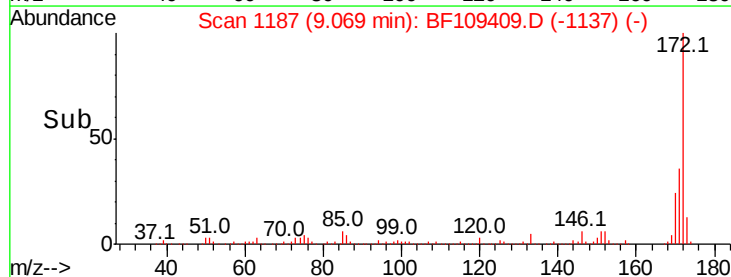
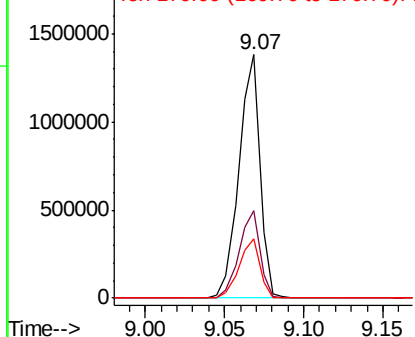


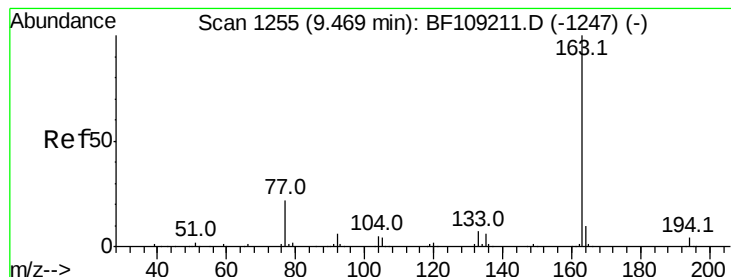
Abundance

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: 3.121 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109409.D

Acq: 28 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-M

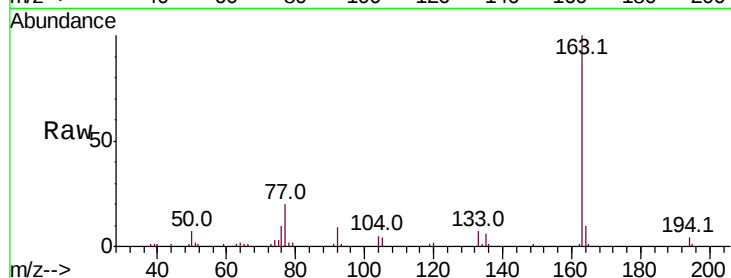
Tot Ion:163 Resp: 45815

Ion Ratio Lower Upper

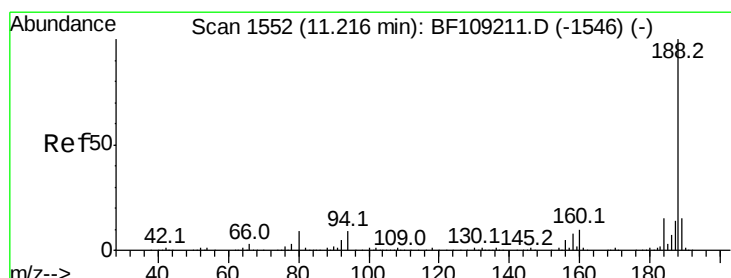
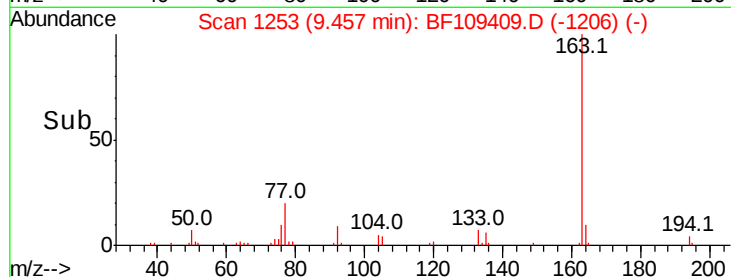
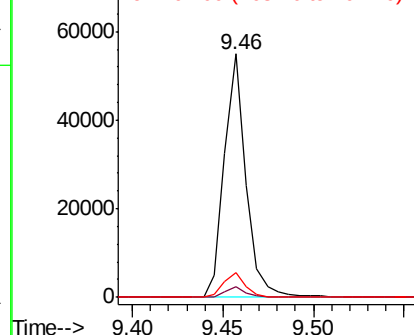
163 100

194 4.2 2.7 4.1#

164 10.1 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: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF109409.D

Acq: 28 Sep 2018 2:38

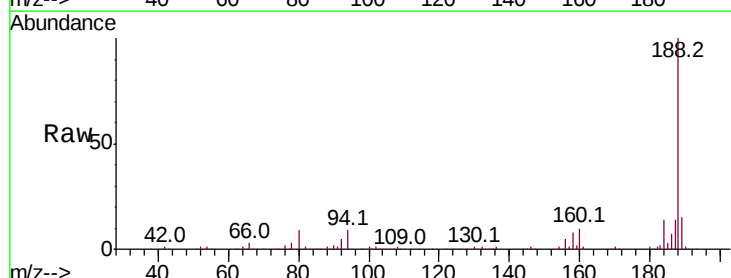
Tgt Ion:188 Resp: 329379

Ion Ratio Lower Upper

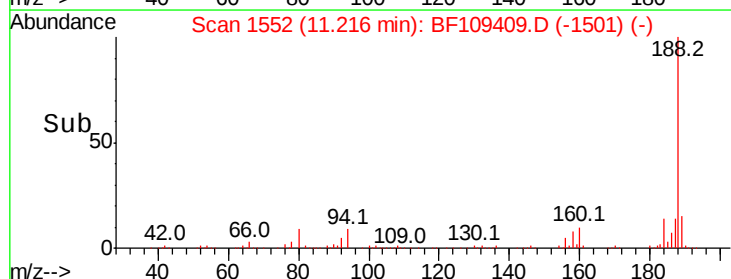
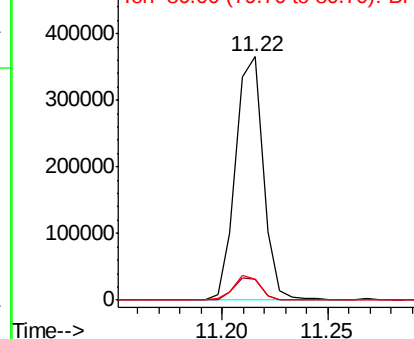
188 100

94 8.6 8.5 12.7

80 8.7 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: BF109409.D

Acq: 28 Sep 2018 2:38

Instrument :

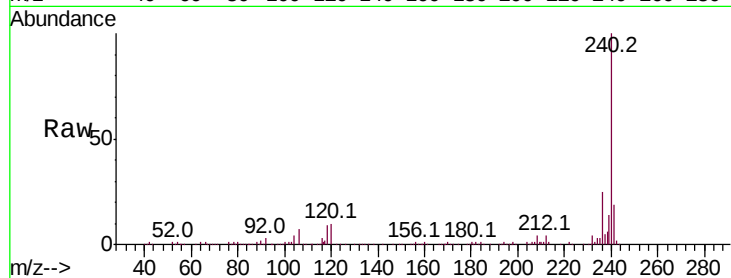
BNA_F

ClientSampleId :

092418-SIDI-F-D-M

Tot Ion:240 Resp: 267816

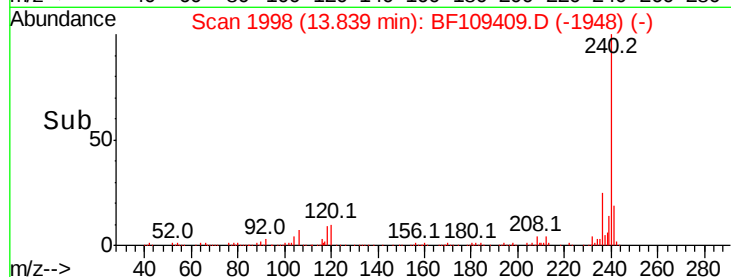
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.4	20.7	31.1



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



Time-->



#78

Terphenyl-d14

Concen: 94.918 ng

RT: 12.80 min Scan# 1821

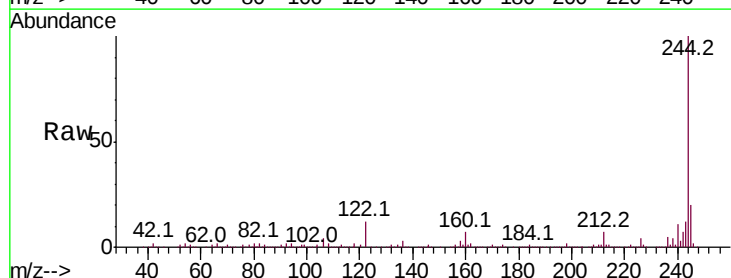
Delta R.T. -0.01 min

Lab File: BF109409.D

Acq: 28 Sep 2018 2:38

Tgt Ion:244 Resp: 1035818

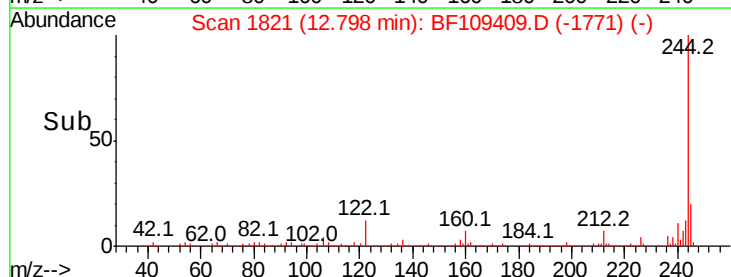
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.7	11.0	16.4



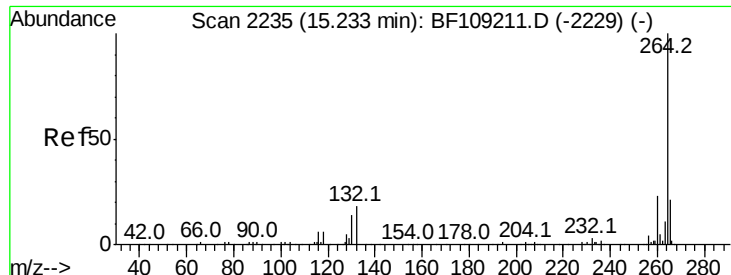
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



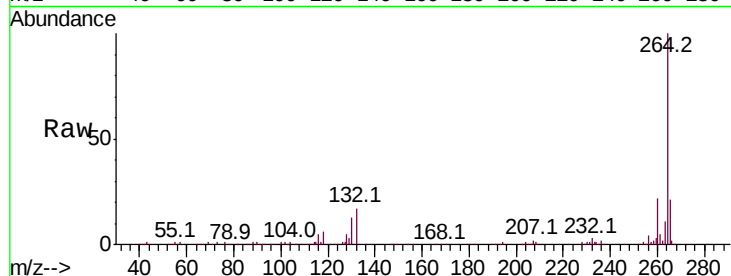
Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109409.D
 Acq: 28 Sep 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

