

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109127.D
 Acq On : 19 Sep 2018 6:03
 Operator : JU/SJ
 Sample : J4931-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-SIDI-E-D-S

Quant Time: Sep 19 07:52:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

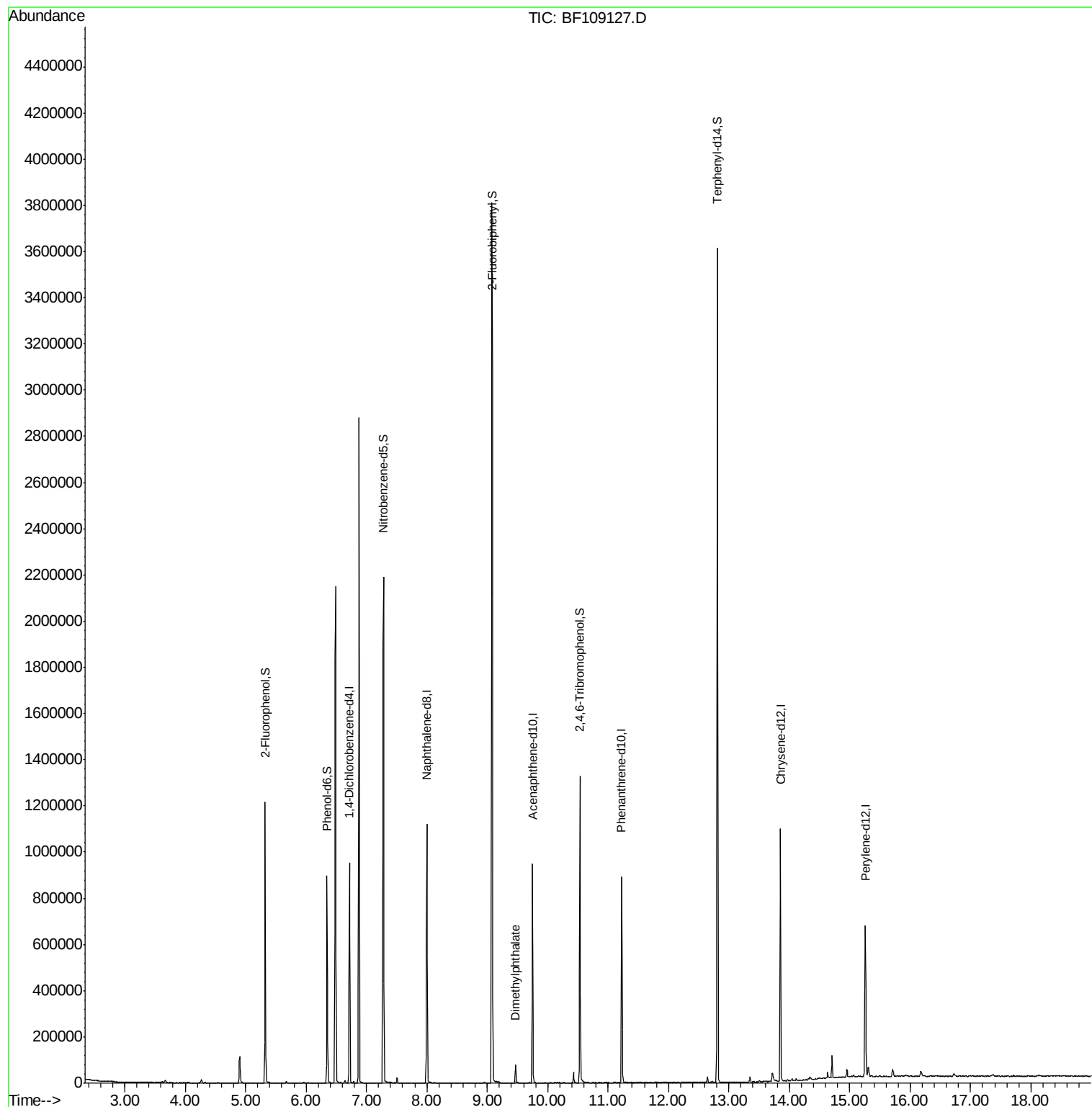
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127959	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	456319	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192691	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340560	20.00	ng	0.00
75) Chrysene-d12	13.85	240	358961	20.00	ng	0.00
86) Perylene-d12	15.26	264	295198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	315699	40.98	ng	0.00
7) Phenol-d6	6.35	99	251808	25.35	ng	-0.01
23) Nitrobenzene-d5	7.28	82	746007	91.70	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	170843	81.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1232710	100.23	ng	0.00
78) Terphenyl-d14	12.81	244	1240330	81.90	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	34481	2.504	ng	98

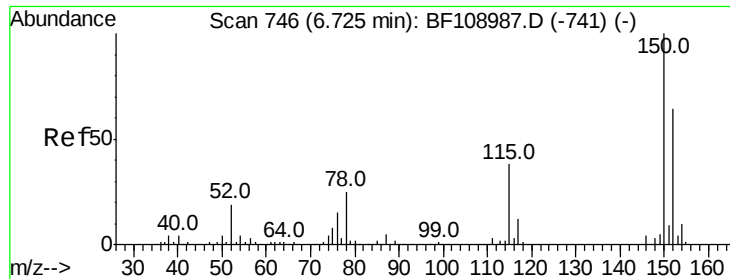
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

BNA_F

ClientSampleId :

091418-SIDI-E-D-S

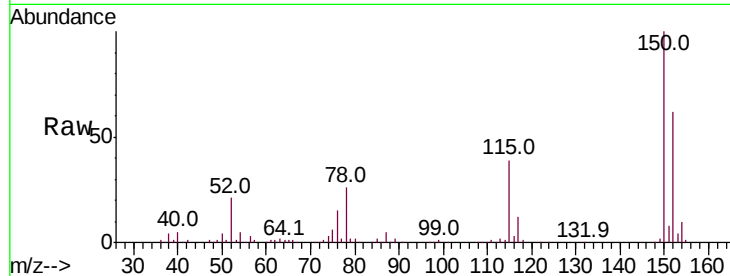
Tot Ion:152 Resp: 127959

Ion Ratio Lower Upper

152 100

150 160.8 124.6 186.8

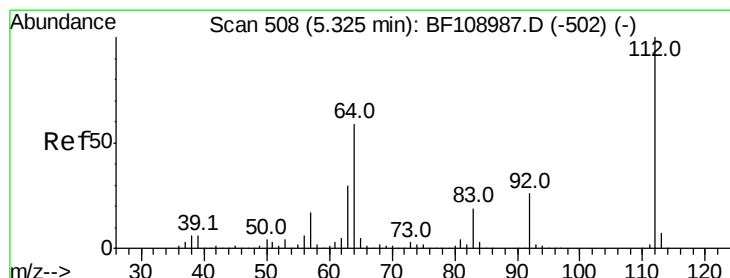
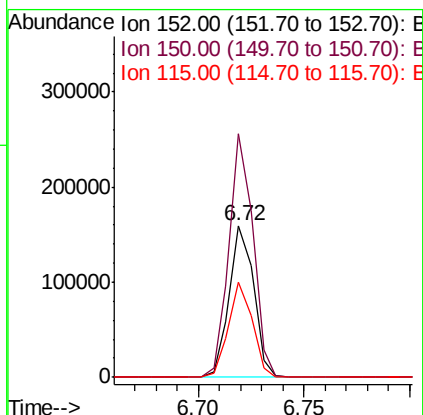
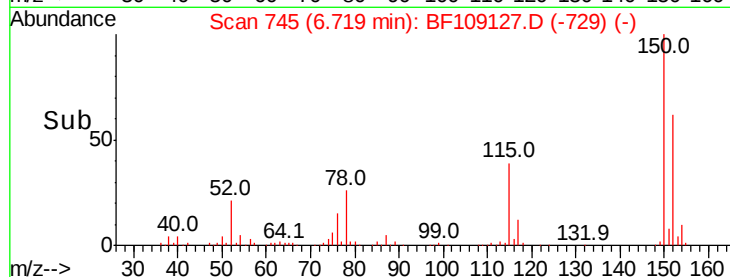
115 62.7 50.1 75.1



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: 40.977 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

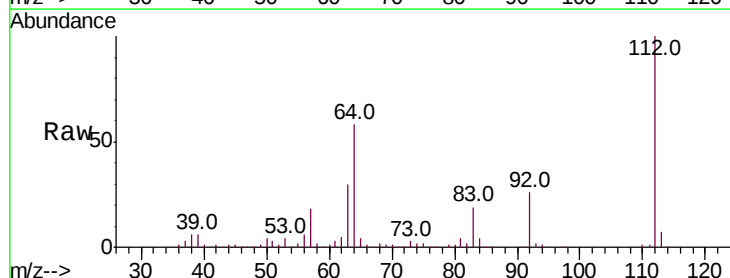
Tgt Ion:112 Resp: 315699

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

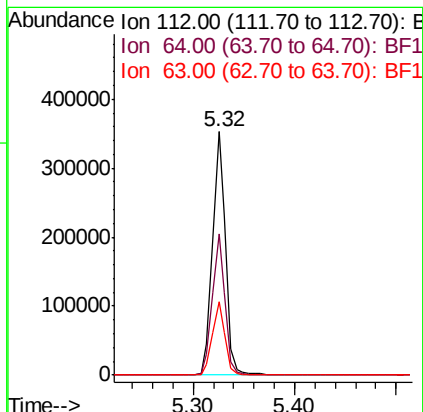
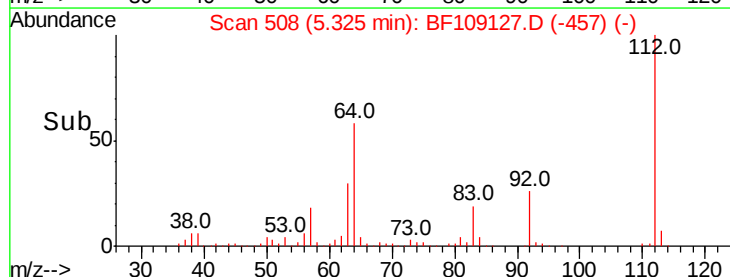
63 29.9 23.7 35.5



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: 25.347 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

BNA_F

ClientSampleId :

091418-SIDI-E-D-S

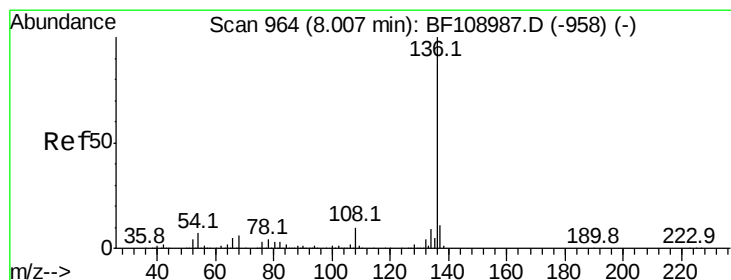
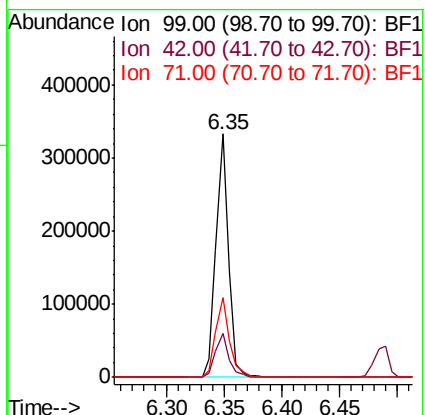
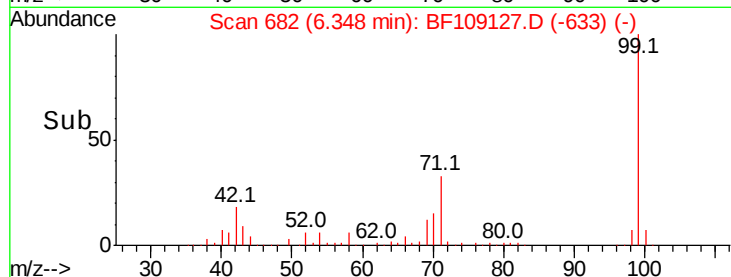
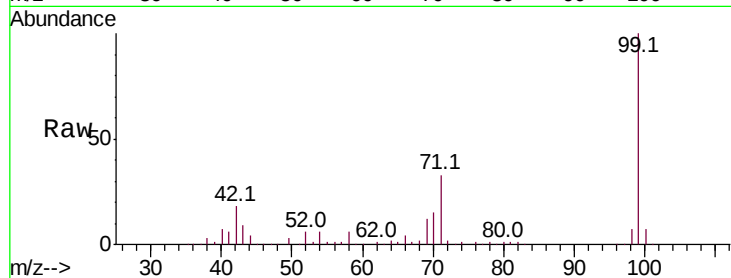
Tot Ion: 99 Resp: 251808

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 32.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

Tgt Ion: 136 Resp: 456319

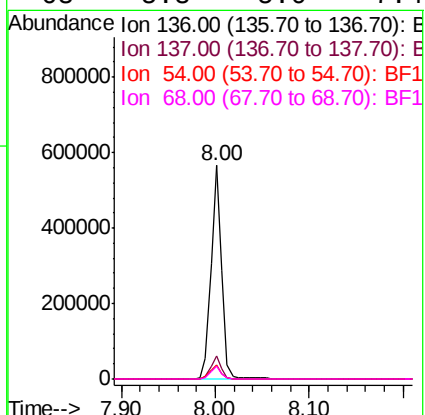
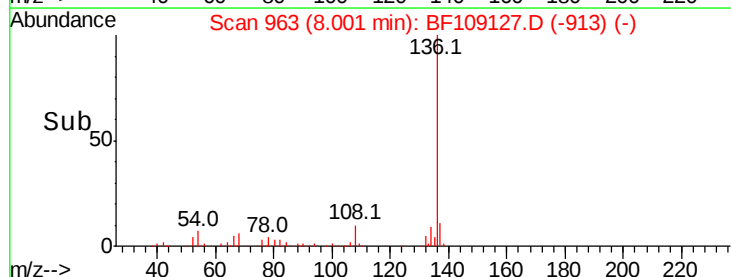
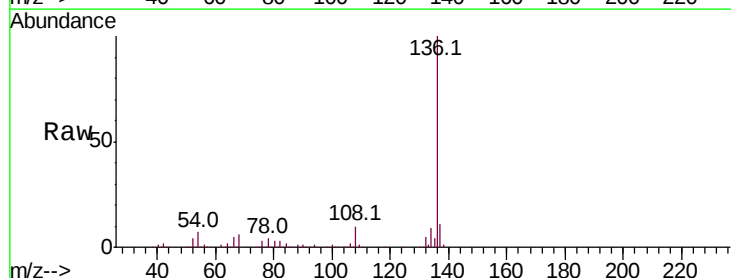
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

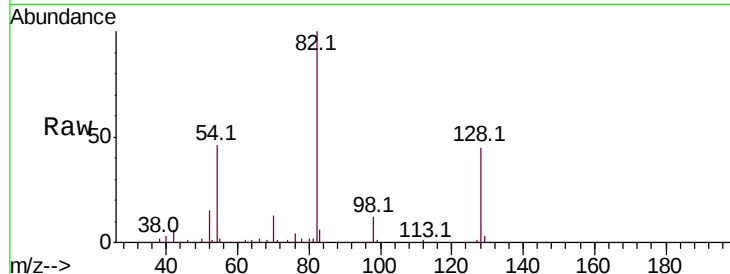




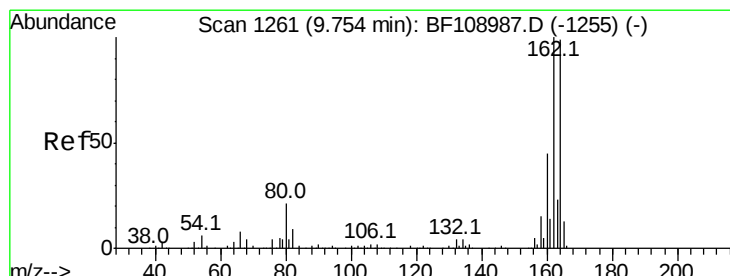
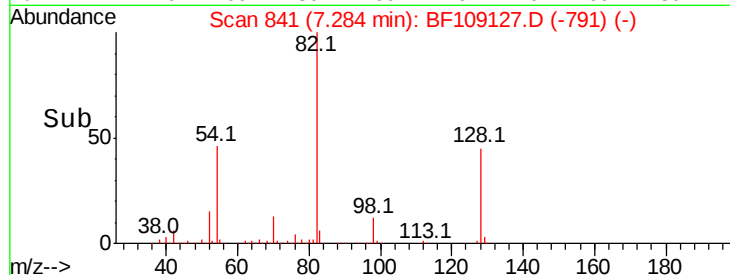
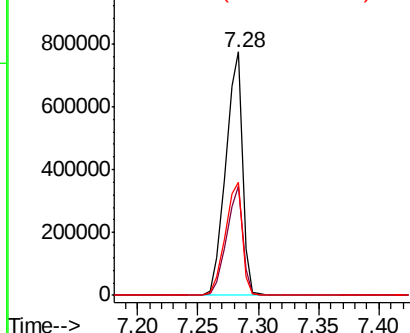
#23
Nitrobenzene-d5
Concen: 91.695 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :
091418-SIDI-E-D-S

Tot Ion: 82 Resp: 746007
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 46.4 41.4 62.2

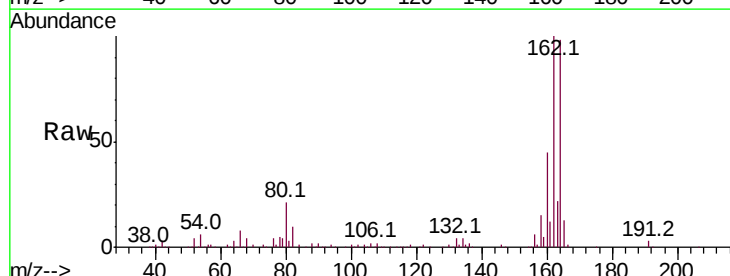


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

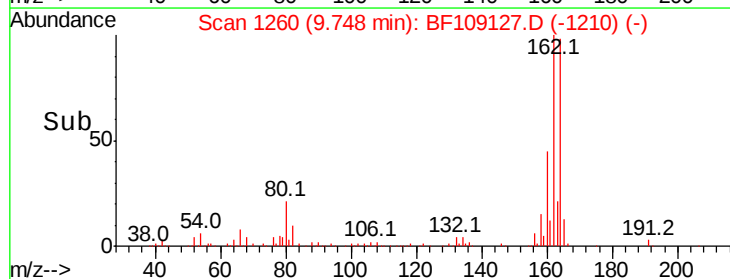
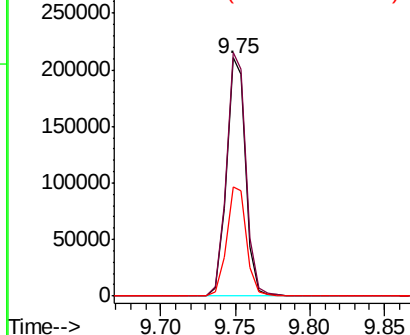


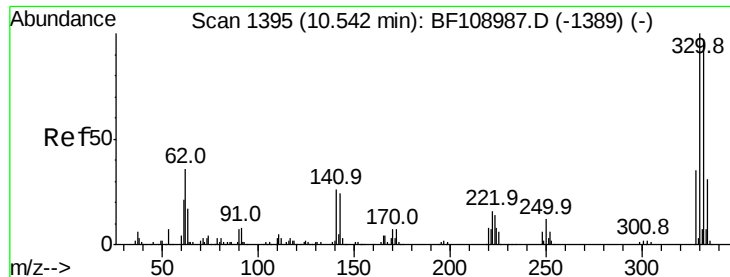
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion: 164 Resp: 192691
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 46.0 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

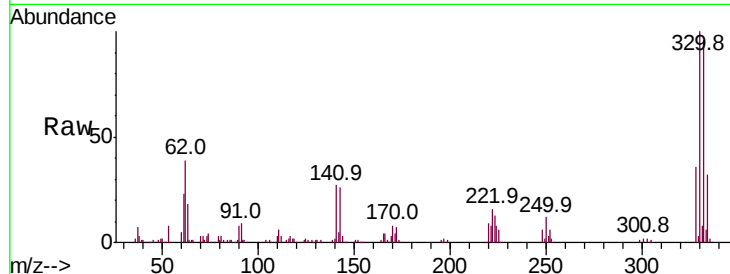




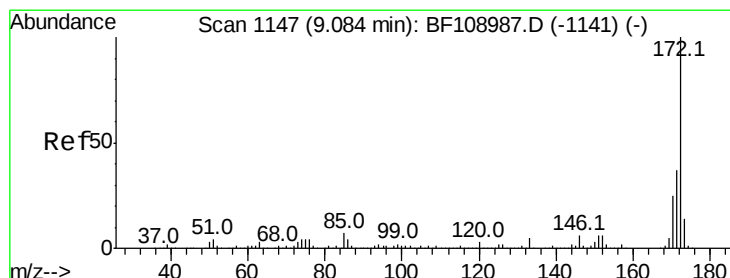
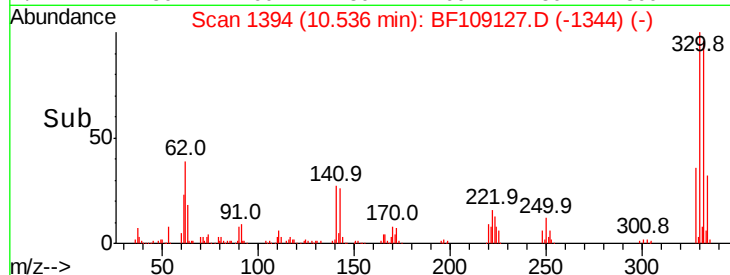
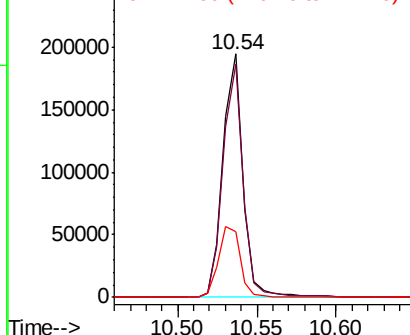
#41
 2,4,6-Tribromophenol
 Concen: 81.696 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109127.D
 Acq: 19 Sep 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 091418-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.3	29.9	44.9

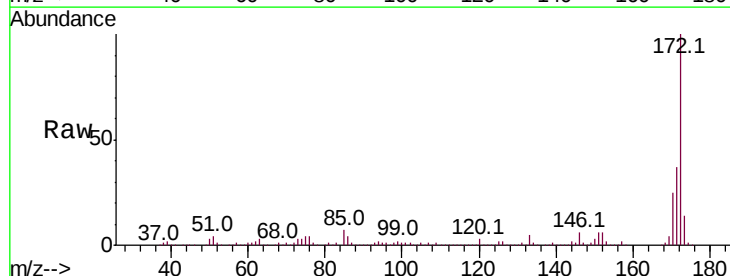


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

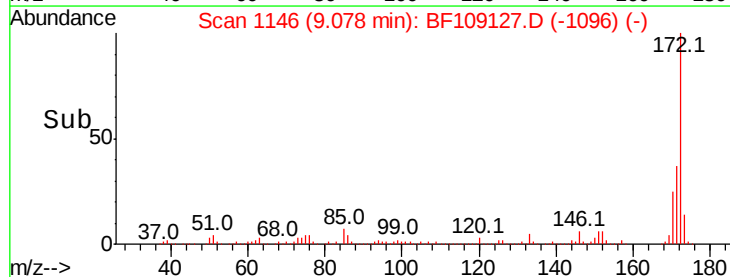
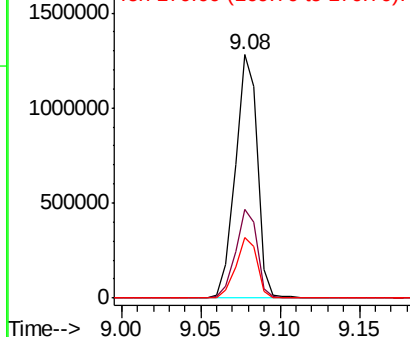


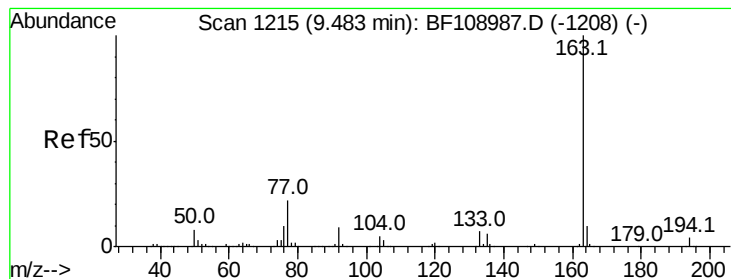
#44
 2-Fluorobiphenyl
 Concen: 100.229 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109127.D
 Acq: 19 Sep 2018 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	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: 2.504 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

BNA_F

ClientSampleId :

091418-SIDI-E-D-S

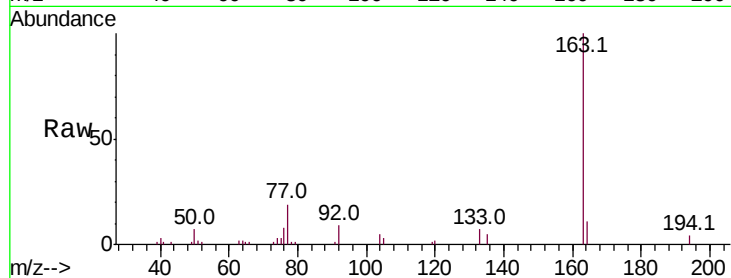
Tot Ion:163 Resp: 34481

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

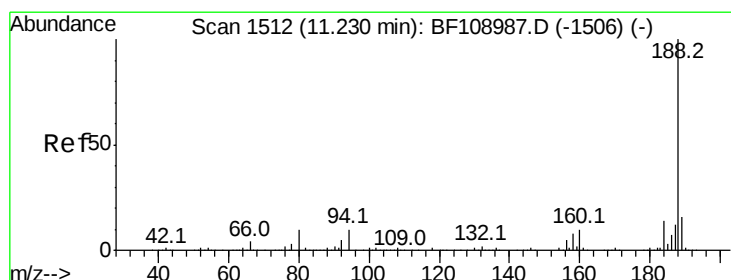
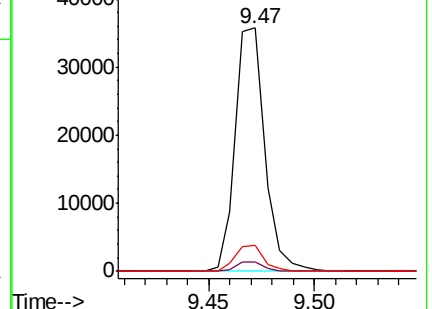
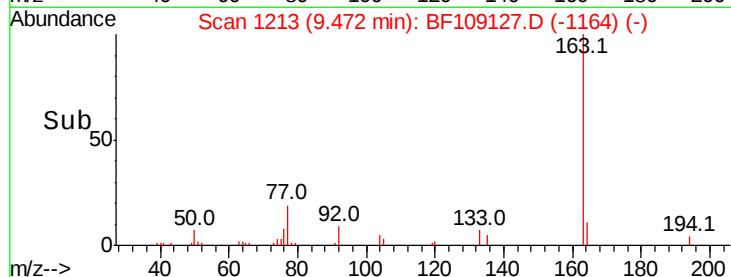
164 10.8 8.2 12.2



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# 1511

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

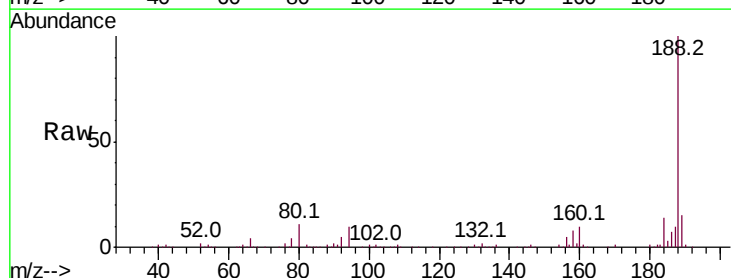
Tgt Ion:188 Resp: 340560

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

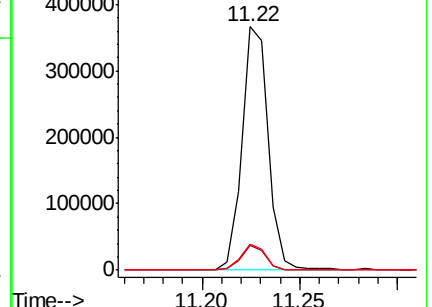
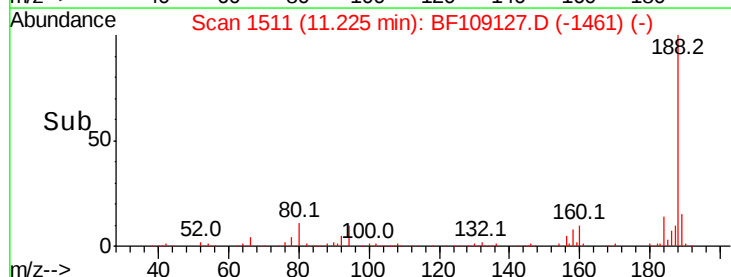
80 10.8 9.2 13.8



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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

Instrument :

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ClientSampleId :

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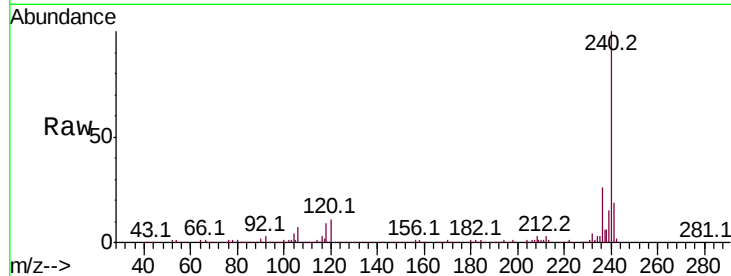
Tot Ion:240 Resp: 358961

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

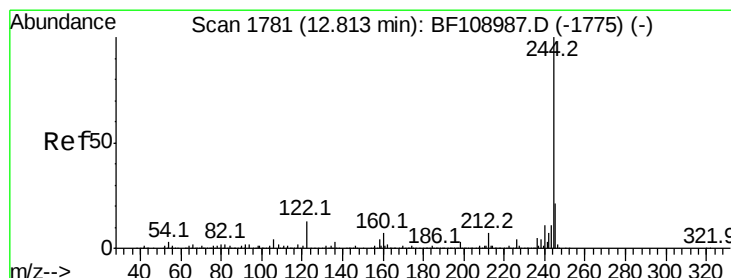
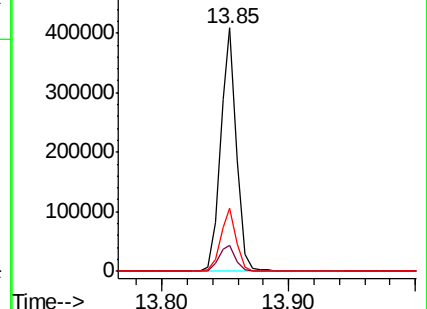
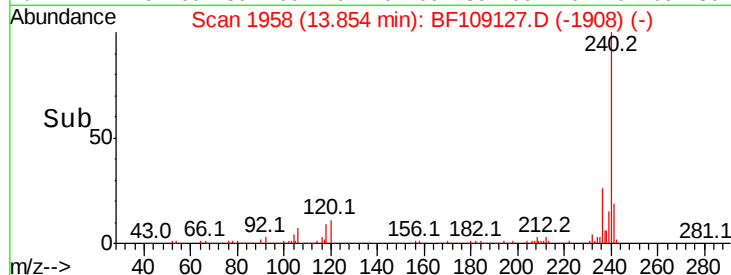
236 25.7 20.7 31.1



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: 81.901 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109127.D

Acq: 19 Sep 2018 6:03

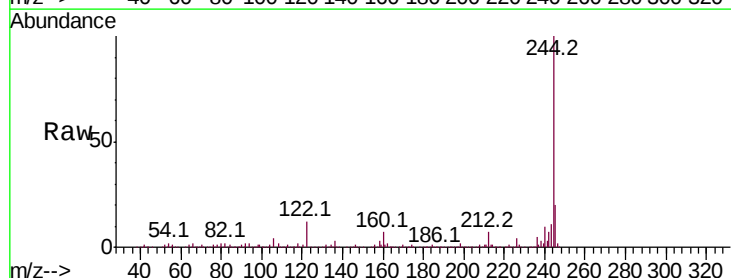
Tgt Ion:244 Resp: 1240330

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

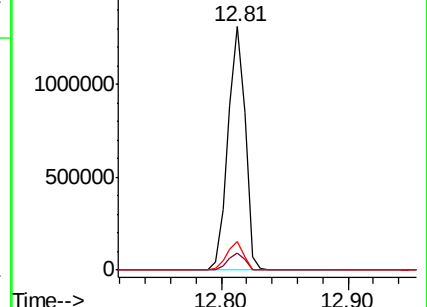
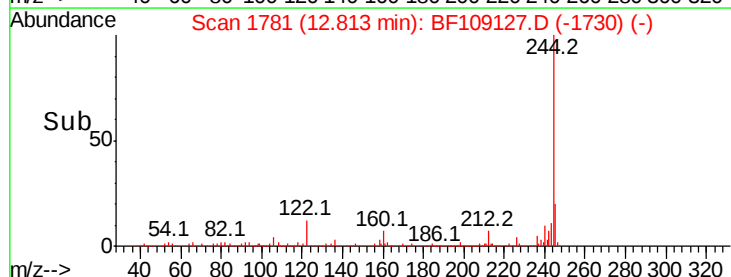
122 11.8 11.0 16.4

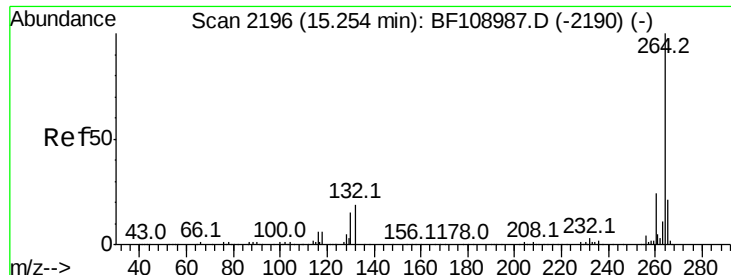


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

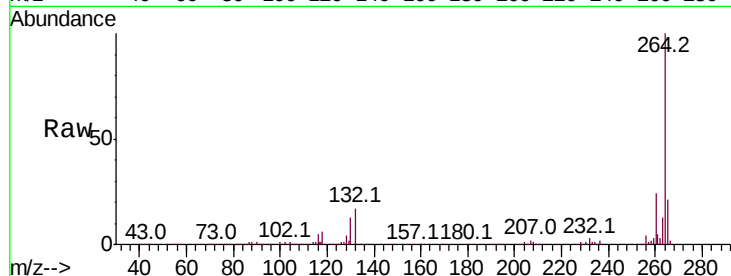




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :
091418-SIDI-E-D-S

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

