

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109165.D
 Acq On : 20 Sep 2018 1:00
 Operator : JU/SJ
 Sample : J4984-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-D-B

Quant Time: Sep 20 06:00:24 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

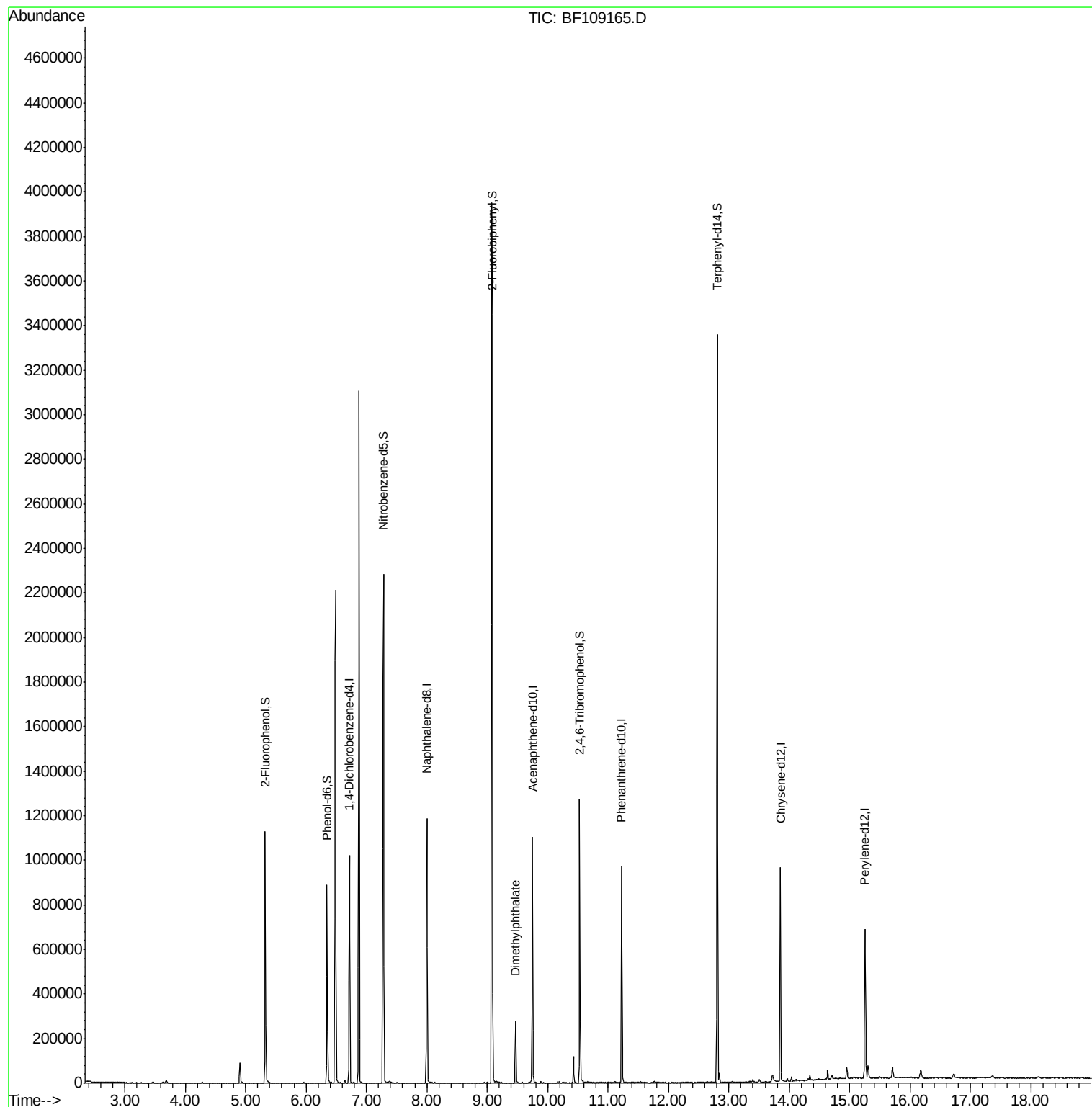
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138380	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	499973	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206818	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340862	20.00	ng	0.00
75) Chrysene-d12	13.85	240	341049	20.00	ng	0.00
86) Perylene-d12	15.25	264	304595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	330391	39.65	ng	0.00
7) Phenol-d6	6.35	99	257403	23.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	780779	87.59	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	160004	71.29	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1296900	98.25	ng	0.00
78) Terphenyl-d14	12.81	244	1169955	81.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	116762	7.899	ng	Qvalue 99

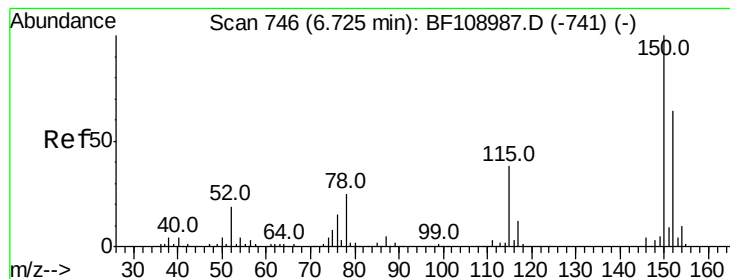
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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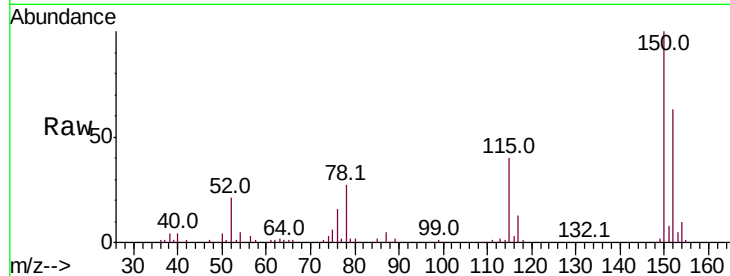


#1

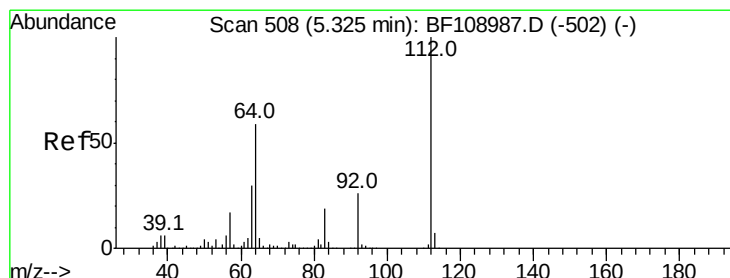
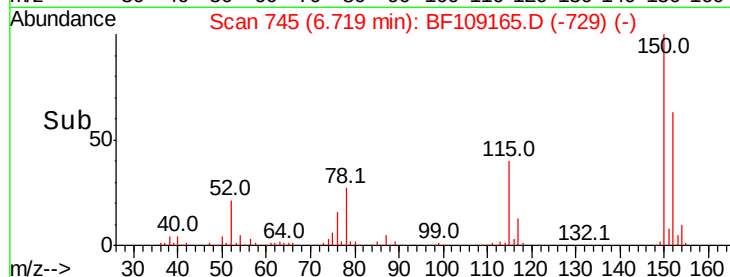
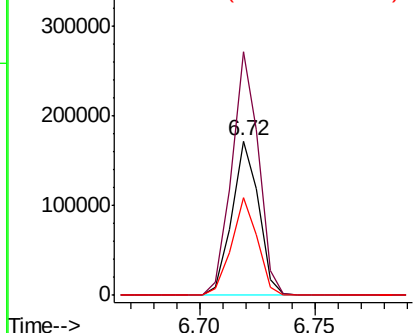
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tot Ion:152 Resp: 138380
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.4 50.1 75.1



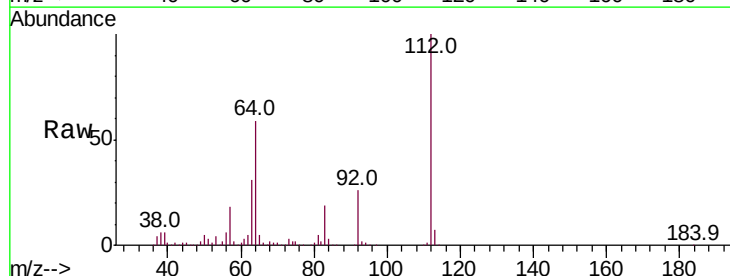
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



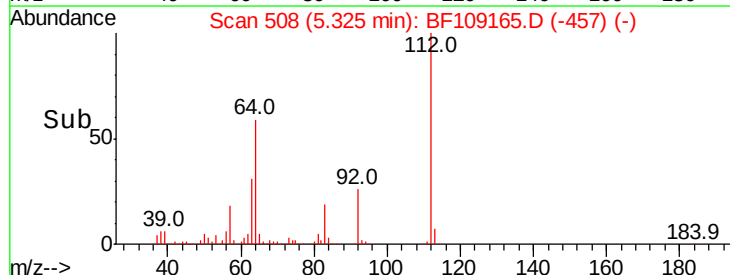
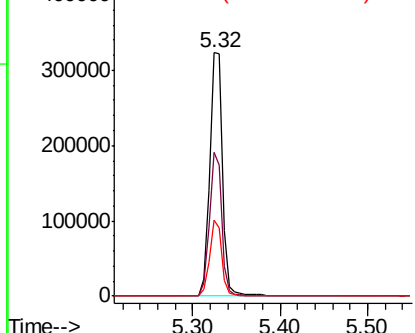
#5

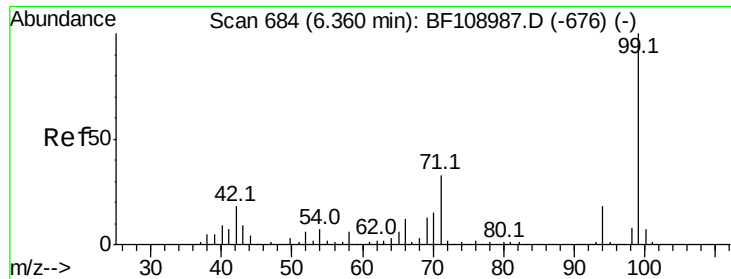
2-Fluorophenol
Concen: 39.655 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion:112 Resp: 330391
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
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: 23.959 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109165.D

Acq: 20 Sep 2018 1:00

Instrument :

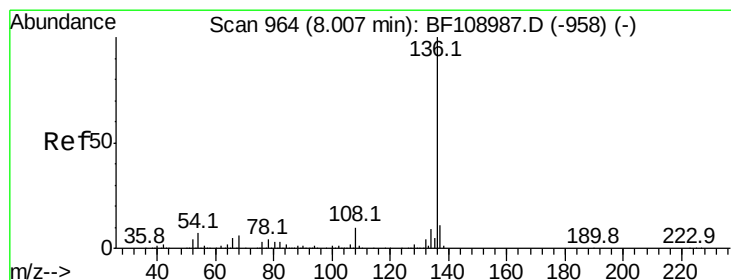
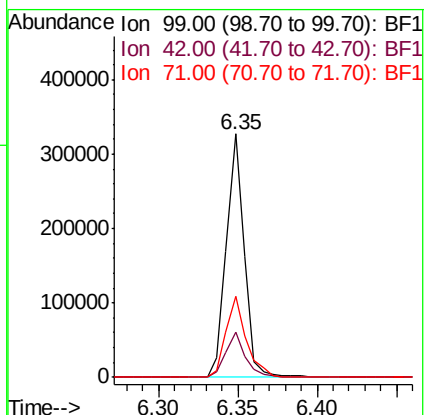
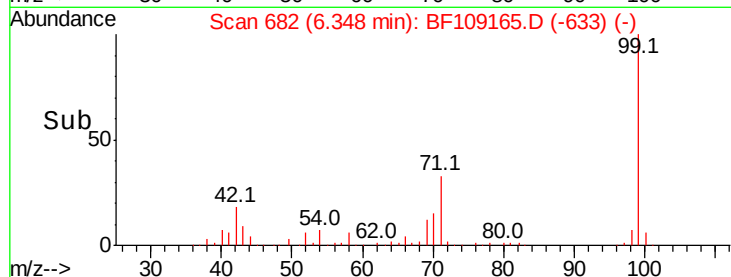
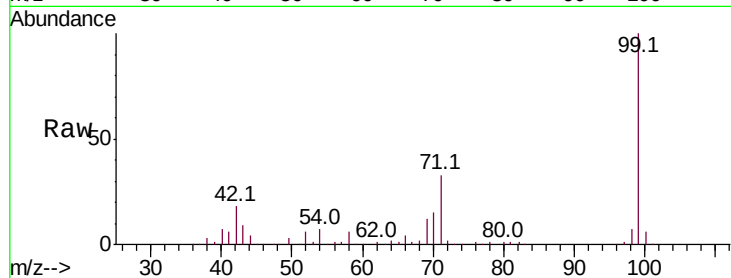
BNA_F

ClientSampleId :

091718-SIDI-E-D-B

Tot Ion: 99 Resp: 257403

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.1	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

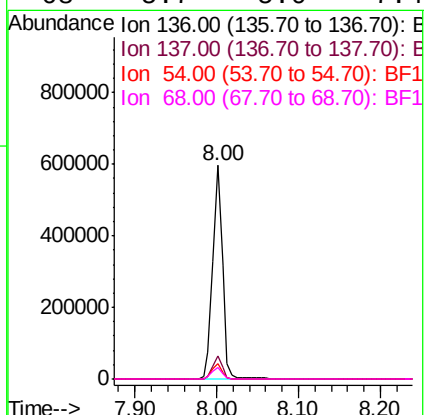
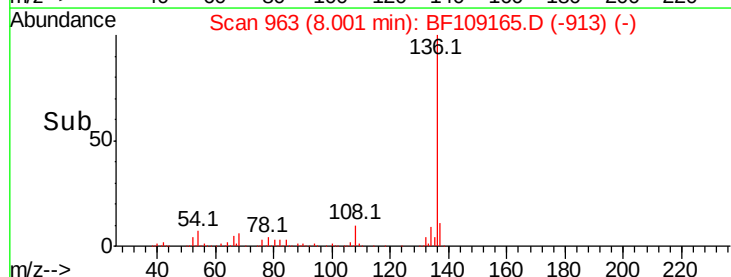
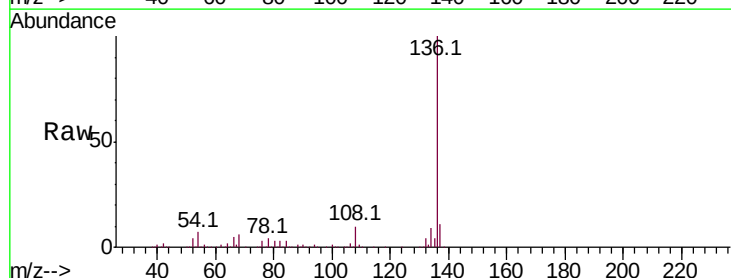
Delta R.T. -0.01 min

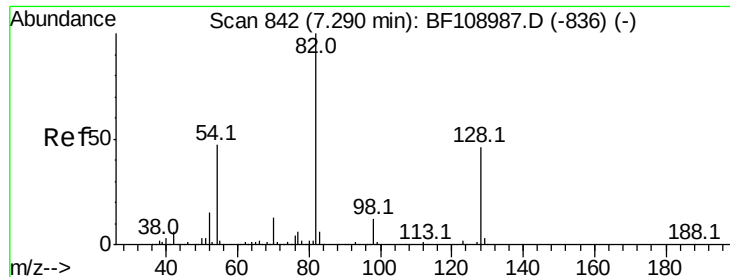
Lab File: BF109165.D

Acq: 20 Sep 2018 1:00

Tgt Ion: 136 Resp: 499973

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

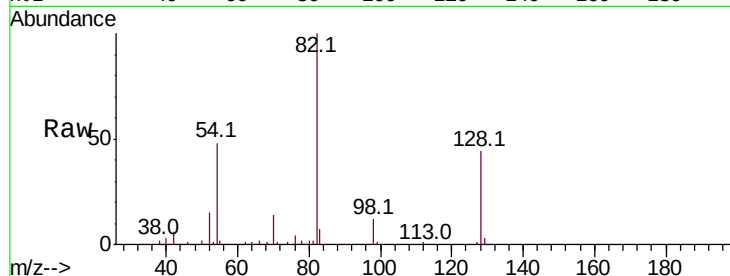




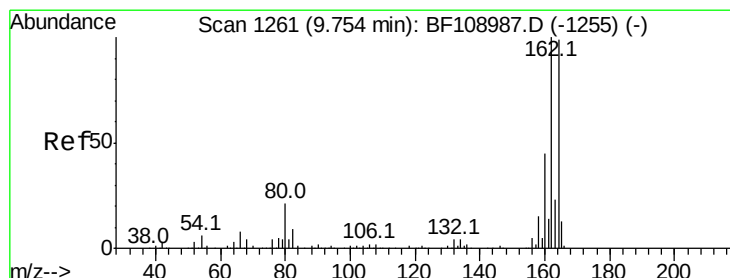
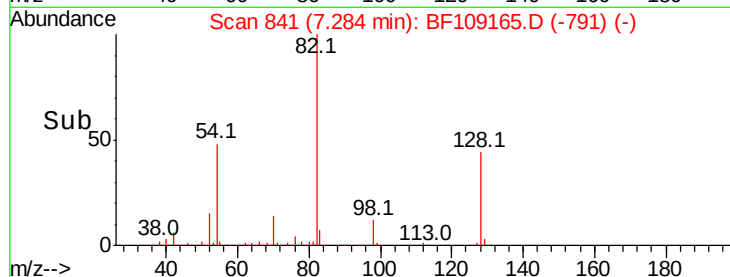
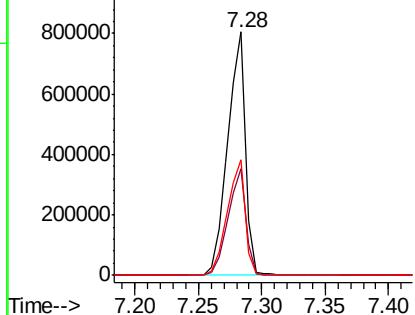
#23
Nitrobenzene-d5
Concen: 87.590 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	47.6	41.4	62.2

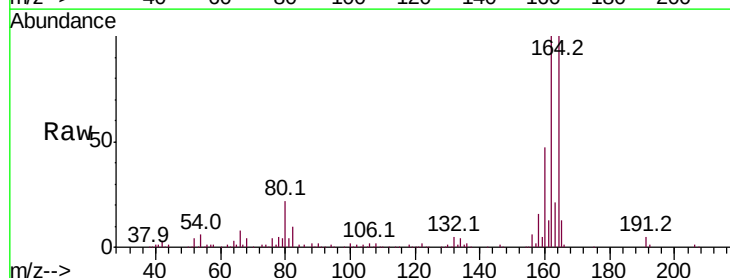


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

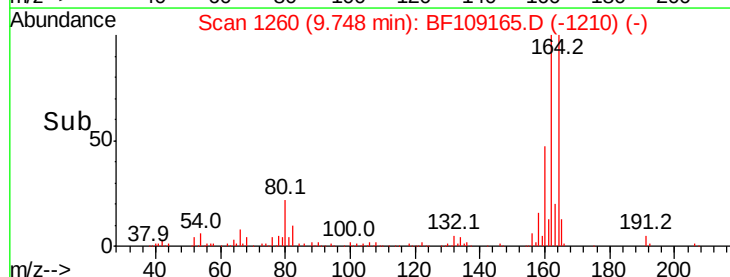
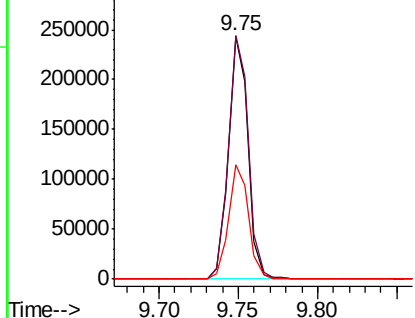


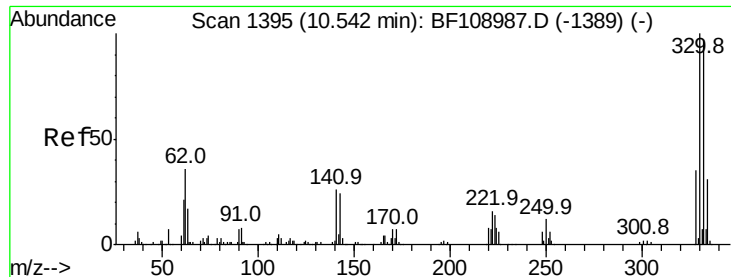
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	47.1	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

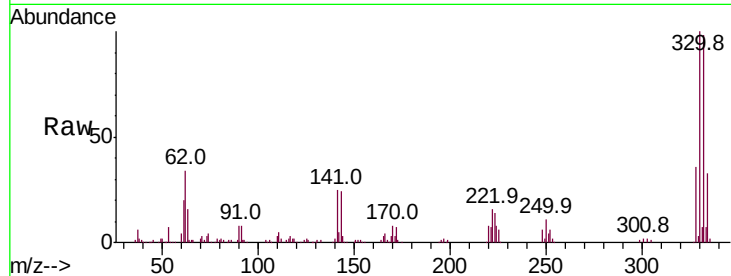




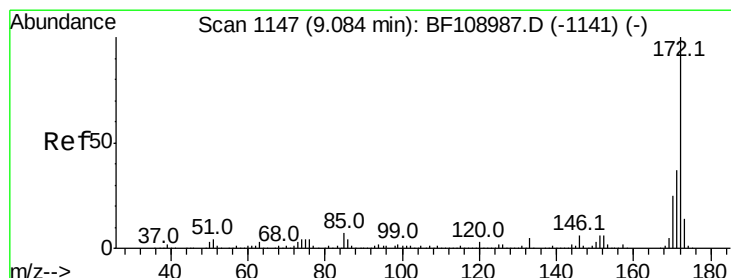
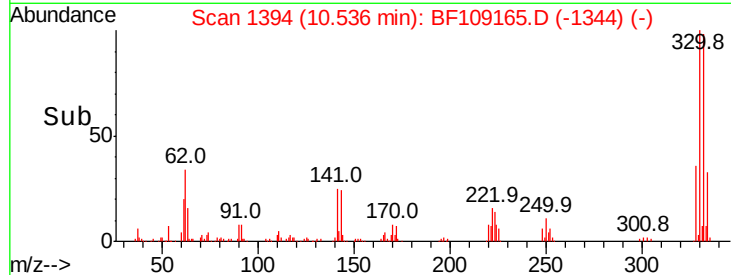
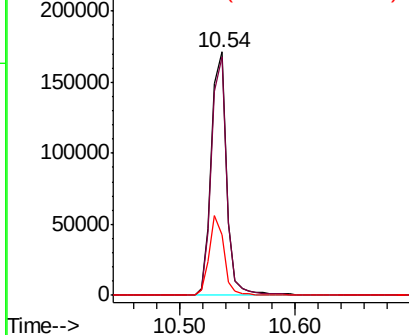
#41
 2,4,6-Tribromophenol
 Concen: 71.286 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109165.D
 Acq: 20 Sep 2018 1:00

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.6	29.9	44.9

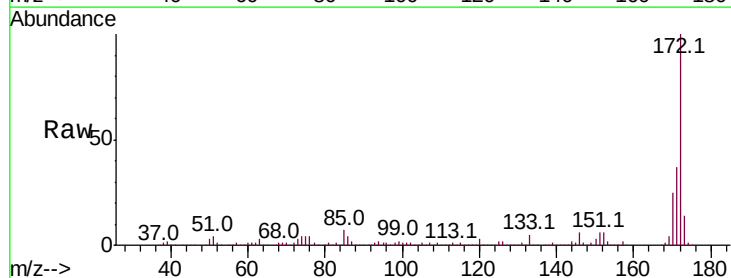


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

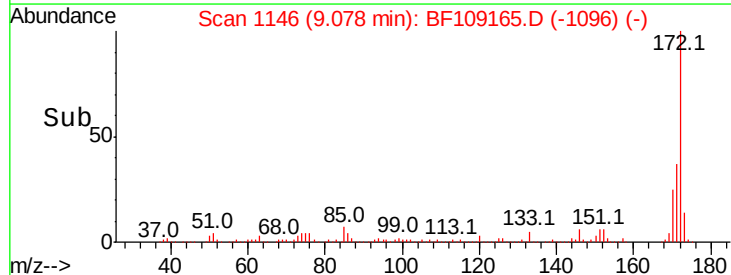
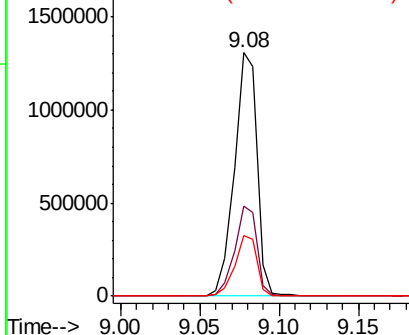


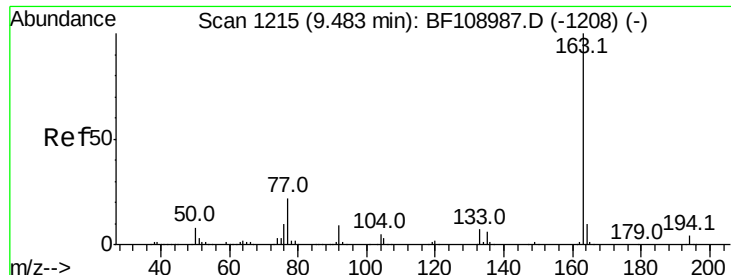
#44
 2-Fluorobiphenyl
 Concen: 98.245 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109165.D
 Acq: 20 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.1	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: 7.899 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109165.D

Acq: 20 Sep 2018 1:00

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-D-B

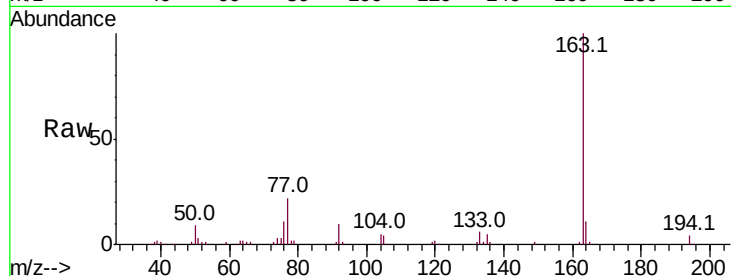
Tot Ion:163 Resp: 116762

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

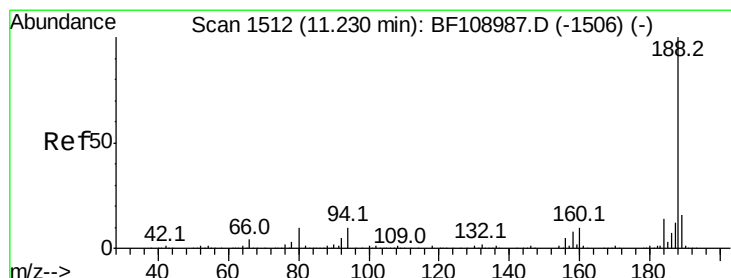
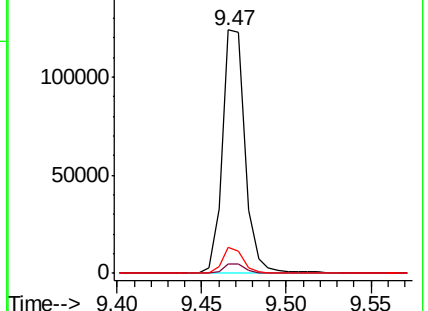
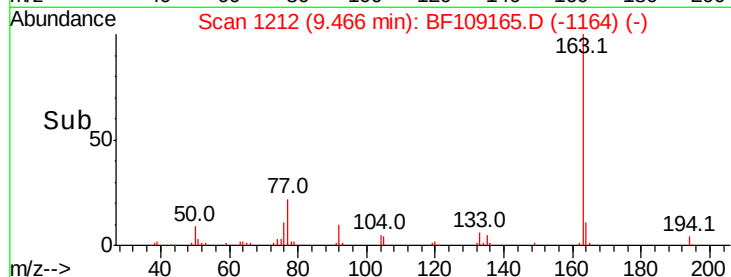
164 10.5 8.2 12.2



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: BF109165.D

Acq: 20 Sep 2018 1:00

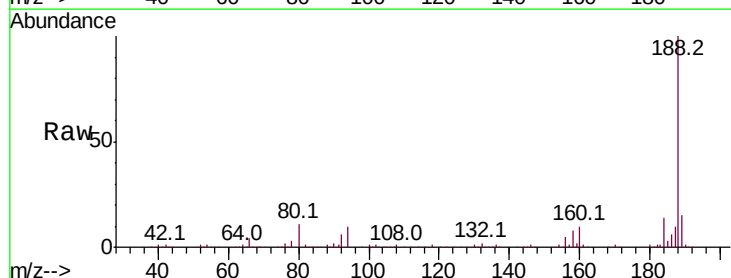
Tgt Ion:188 Resp: 340862

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

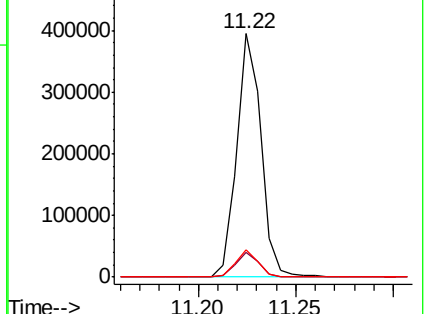
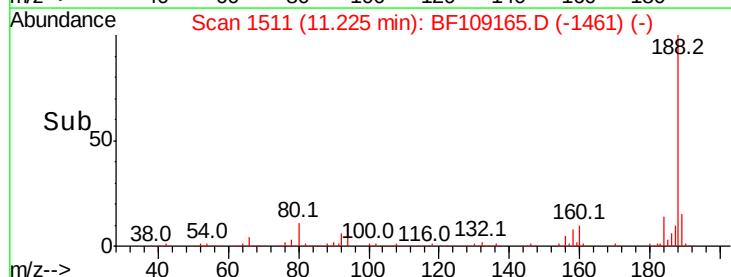
80 11.1 9.2 13.8

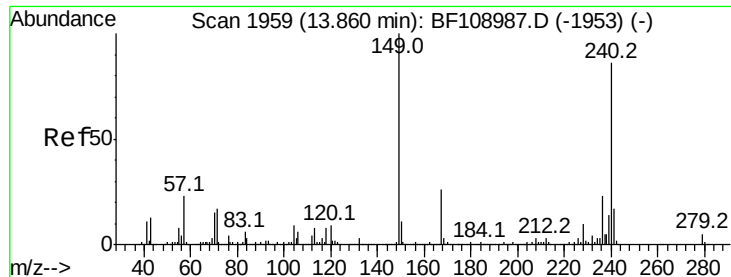


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF109165.D

Acq: 20 Sep 2018 1:00

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-D-B

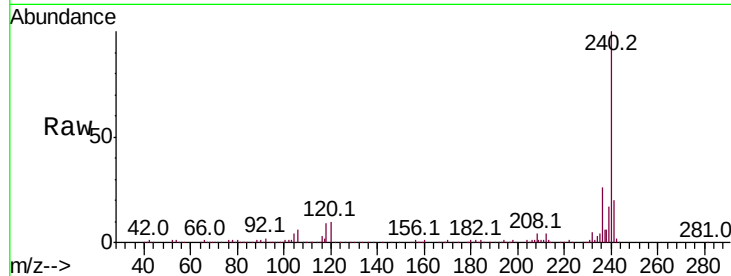
Tot Ion:240 Resp: 341049

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

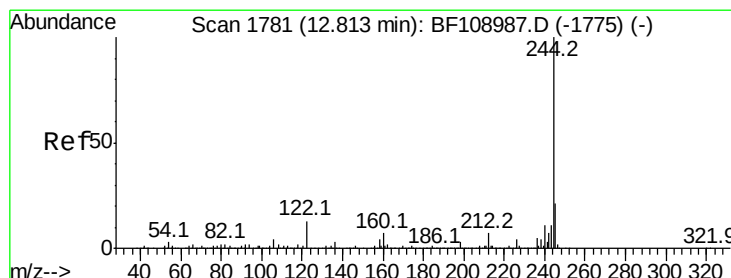
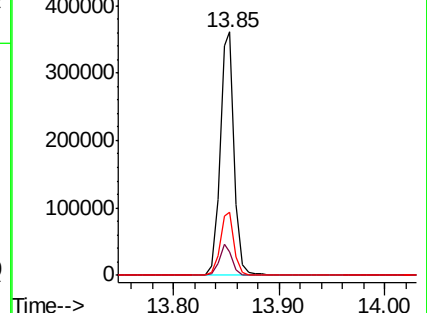
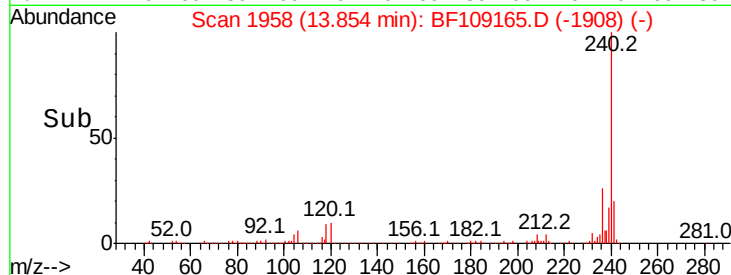
236 26.1 20.7 31.1



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: 81.311 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109165.D

Acq: 20 Sep 2018 1:00

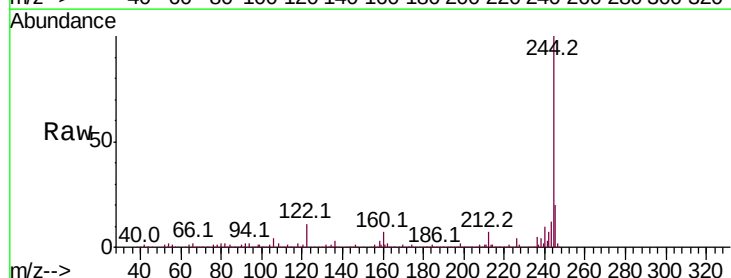
Tgt Ion:244 Resp: 1169955

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

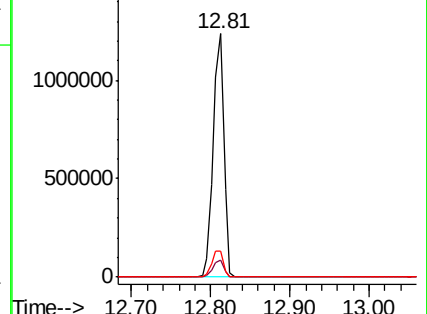
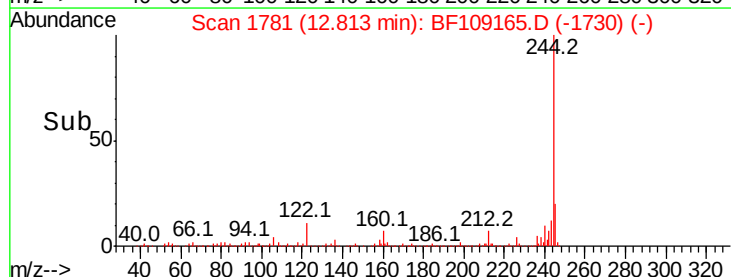
122 10.8 11.0 16.4

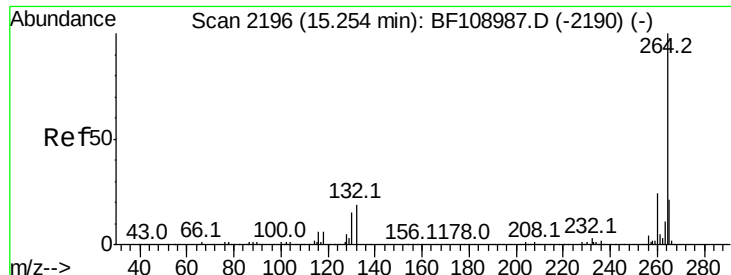


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

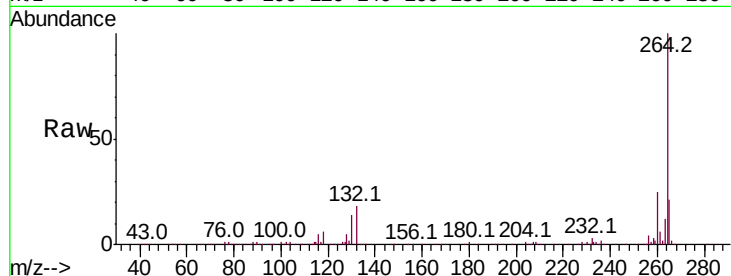




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109165.D
Acq: 20 Sep 2018 1:00

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	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

