

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108532.D
 Acq On : 28 Aug 2018 1:55
 Operator : JU/SJ
 Sample : J4659-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082218-SIDI-E-D-B

Quant Time: Aug 28 03:16:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	104816	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	370753	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	154754	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	263474	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	271383	20.00	ng	-0.01
86) Perylene-d12	15.75	264	186929	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	263703	45.55	ng	0.00
7) Phenol-d6	6.61	99	343901	44.70	ng	-0.02
23) Nitrobenzene-d5	7.56	82	322536	48.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	64641	41.88	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	618463	64.16	ng	-0.01
78) Terphenyl-d14	13.12	244	532327	49.87	ng	-0.01

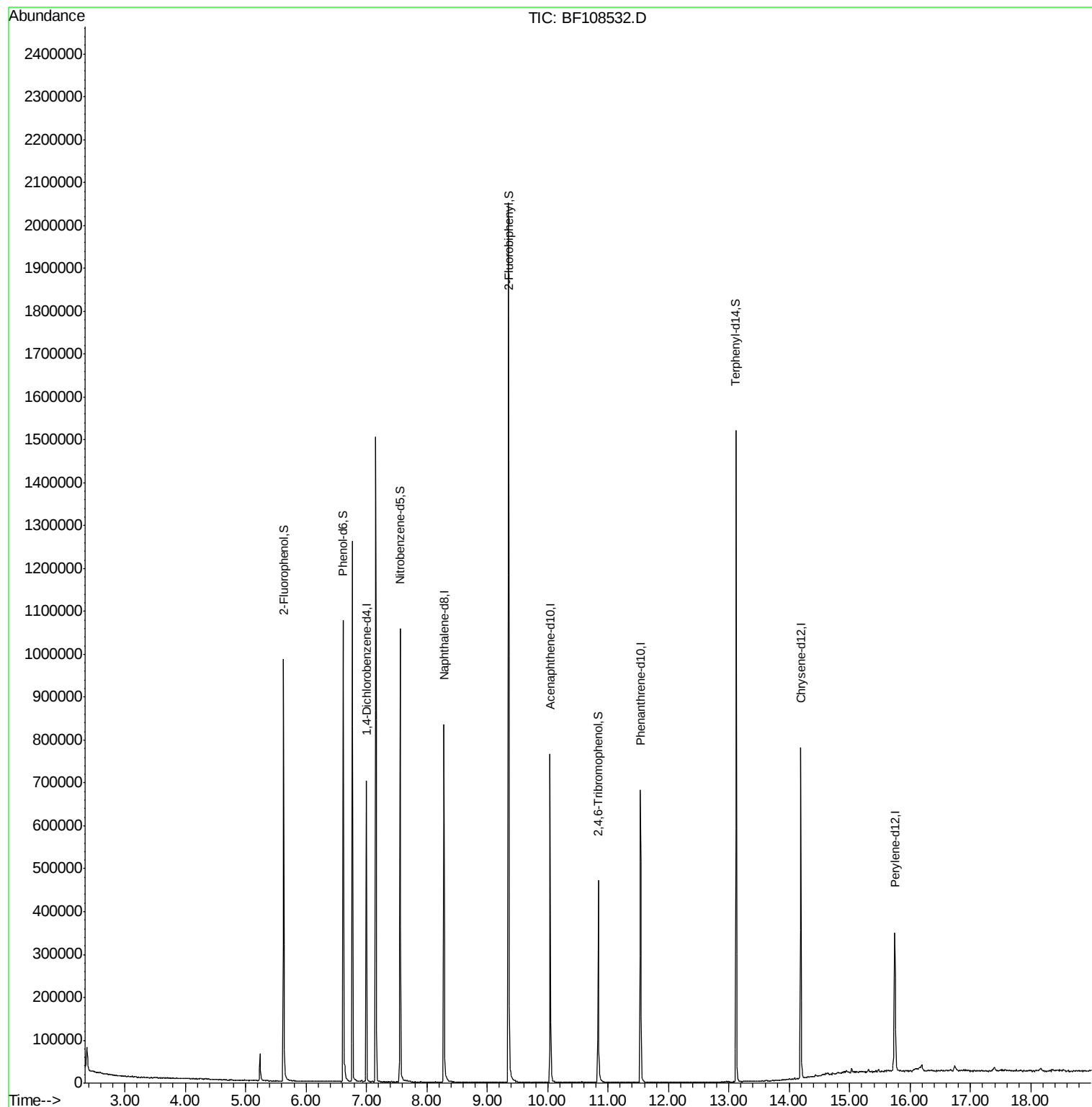
Target Compounds Qvalue

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

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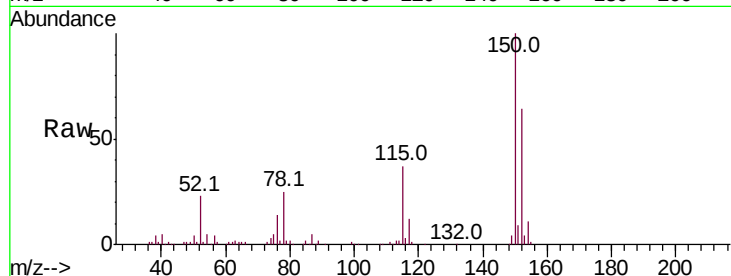


#1

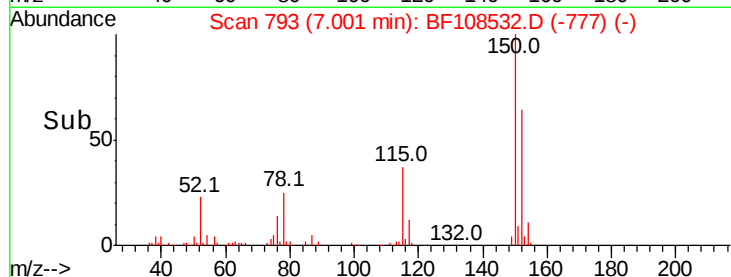
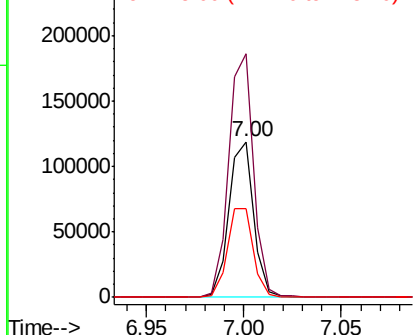
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Instrument :
BNA_F
ClientSampleId :
082218-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	57.3	50.1	75.1



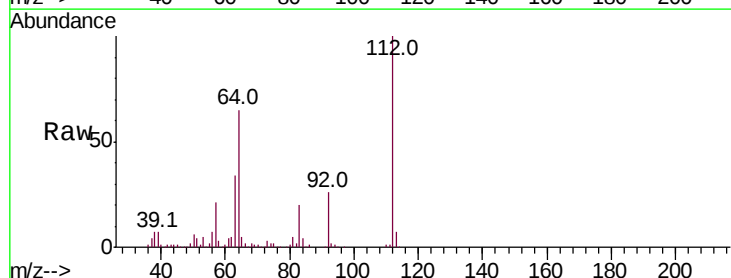
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



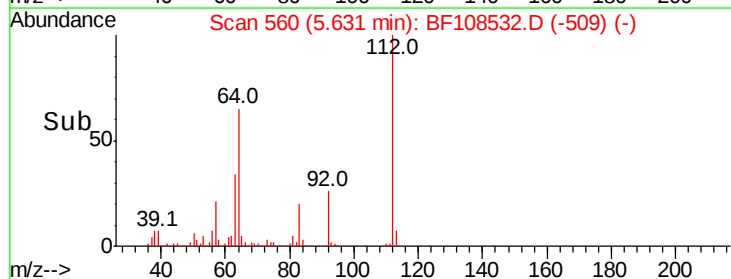
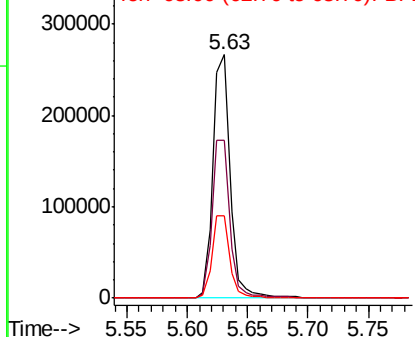
#5

2-Fluorophenol
Concen: 45.549 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.6	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: 44.701 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108532.D

Acq: 28 Aug 2018 1:55

Instrument :

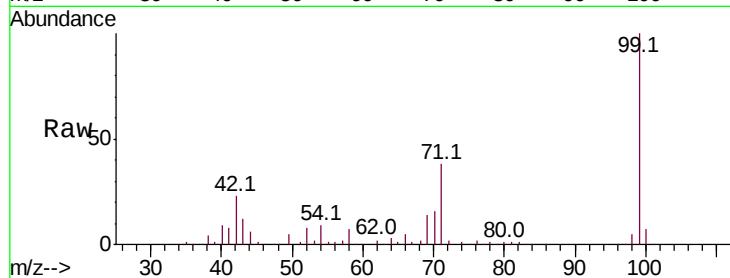
BNA_F

ClientSampleId :

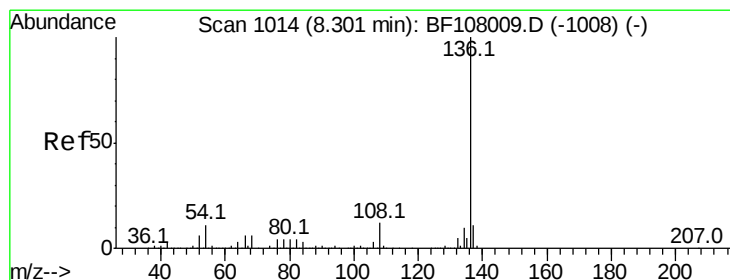
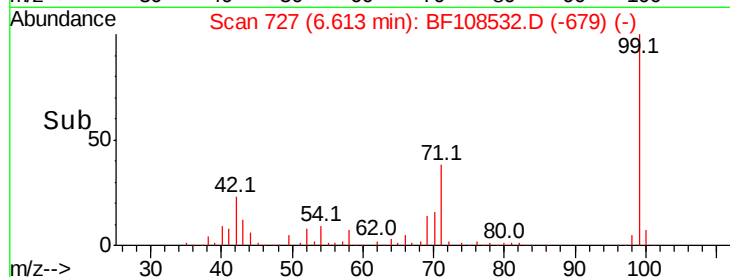
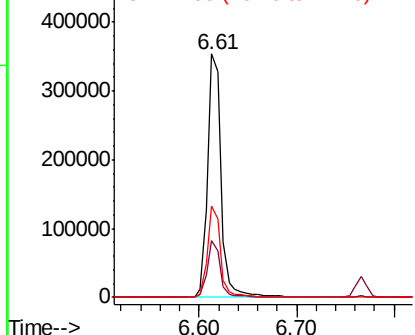
082218-SIDI-E-D-B

Tot Ion: 99 Resp: 343901

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	37.6	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: 8.28 min Scan# 1011

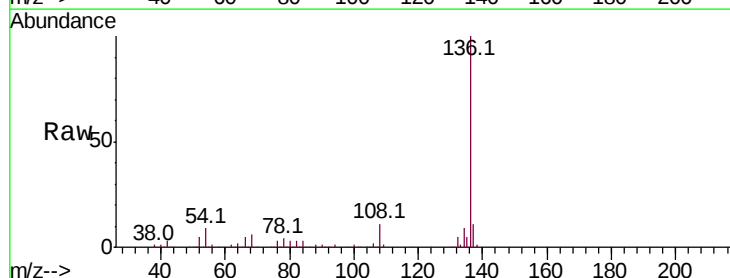
Delta R.T. -0.01 min

Lab File: BF108532.D

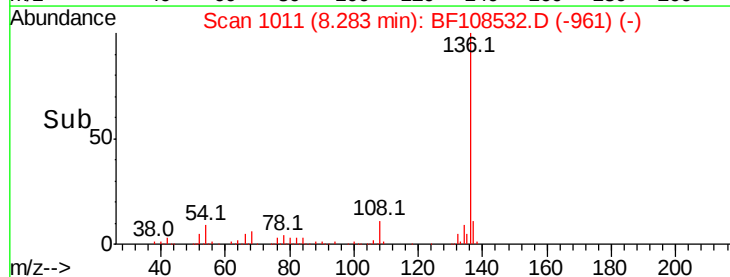
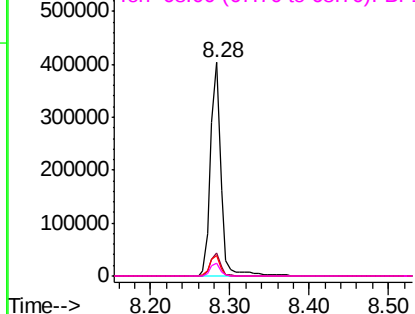
Acq: 28 Aug 2018 1:55

Tgt Ion: 136 Resp: 370753

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	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

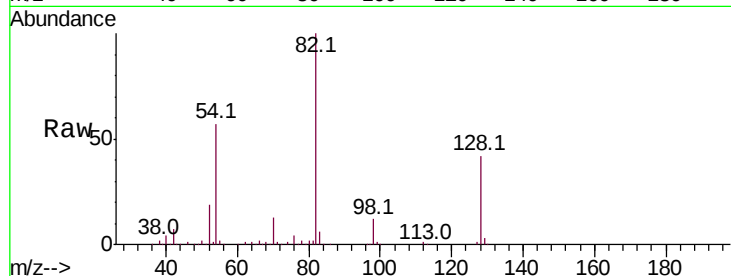




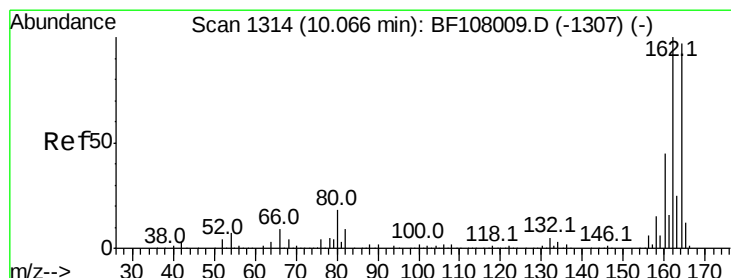
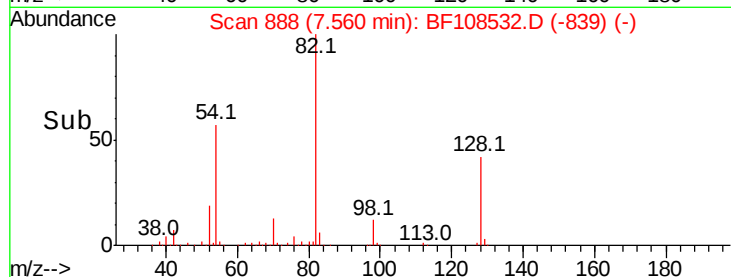
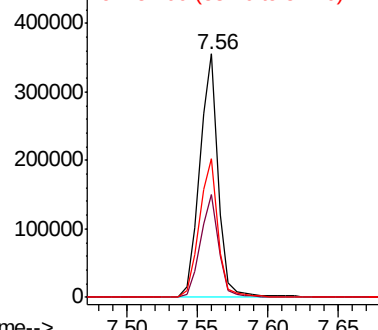
#23
 Nitrobenzene-d5
 Concen: 48.544 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108532.D
 Acq: 28 Aug 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 082218-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	56.9	41.4	62.2

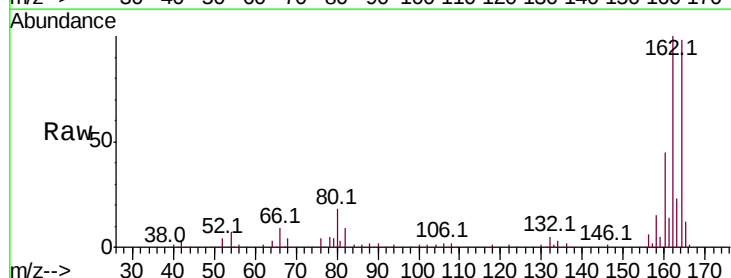


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

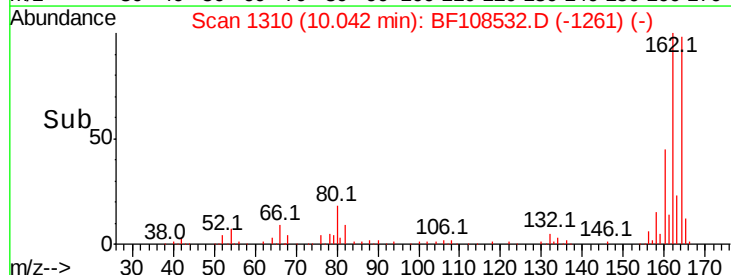
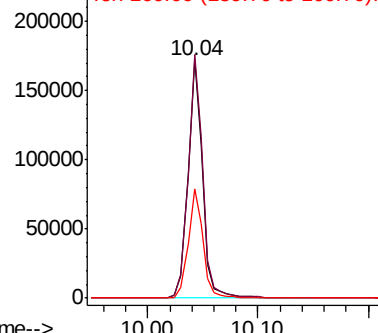


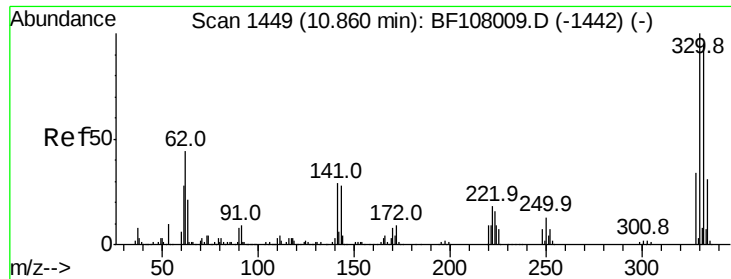
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108532.D
 Acq: 28 Aug 2018 1:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.9	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

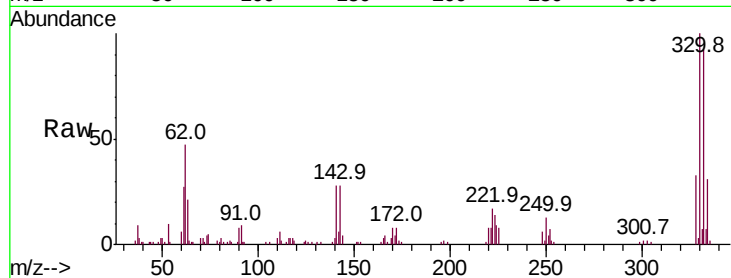




#41
 2,4,6-Tribromophenol
 Concen: 41.876 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108532.D
 Acq: 28 Aug 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 082218-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.0	115.6
141	31.8	29.9	44.9

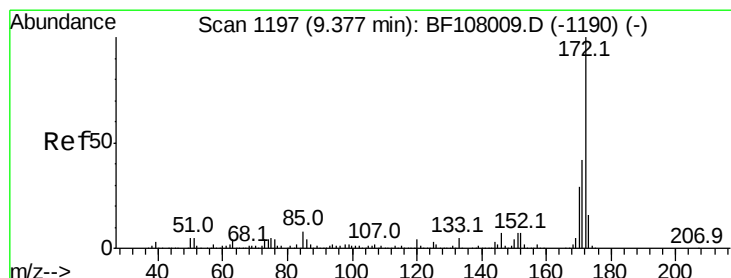
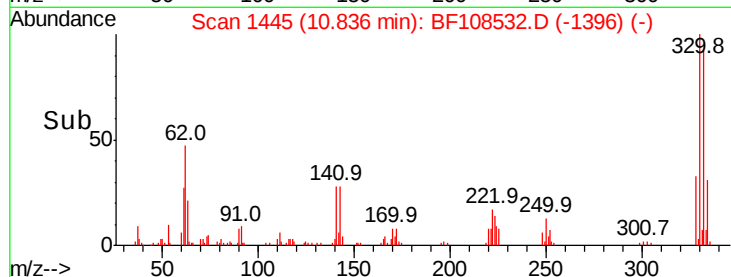
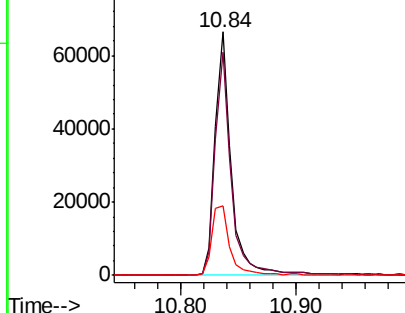


Abundance

Ion 329.80 (329.50 to 330.50): E

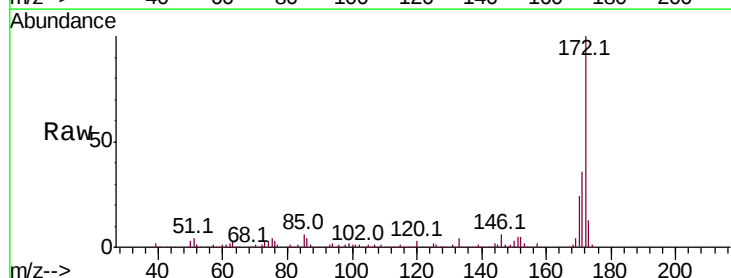
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.161 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108532.D
 Acq: 28 Aug 2018 1:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

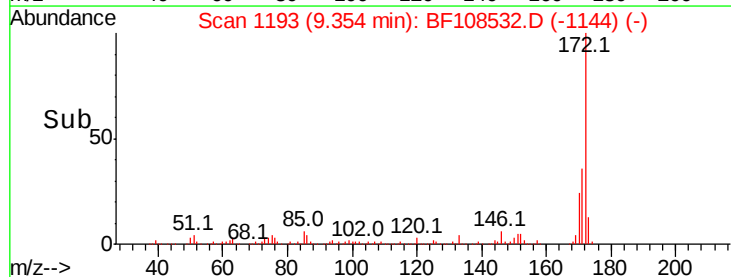
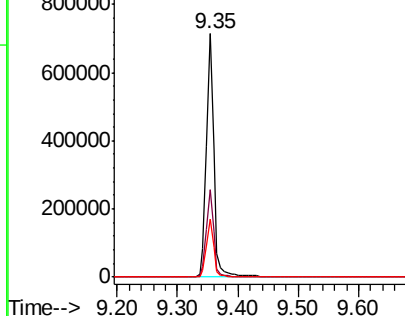


Abundance

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

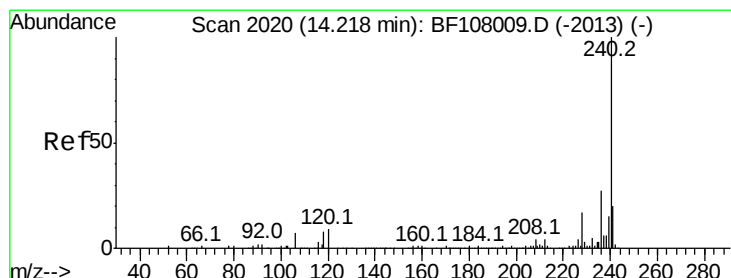
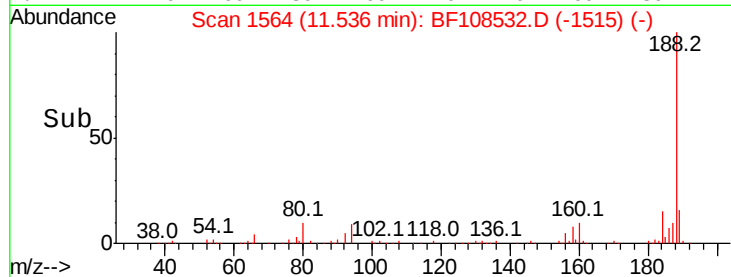
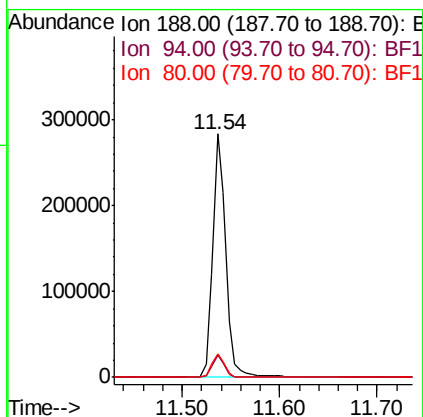
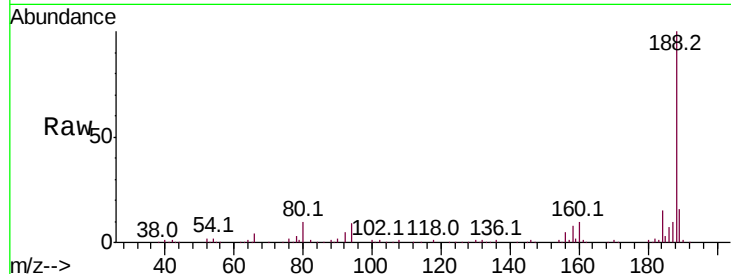




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

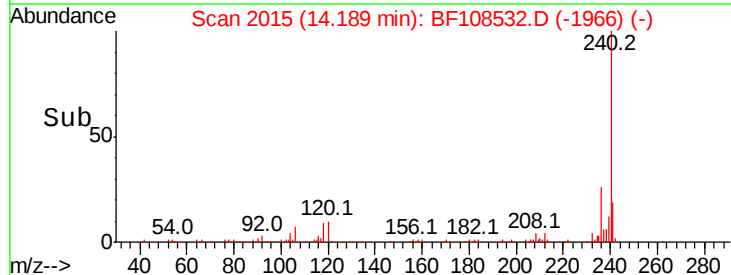
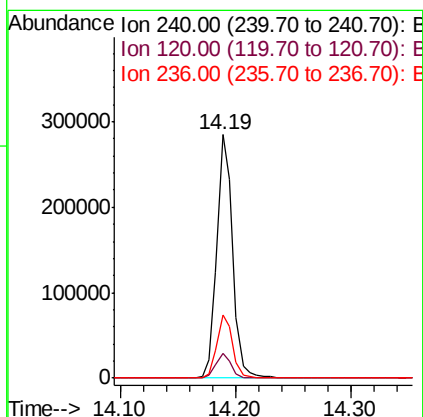
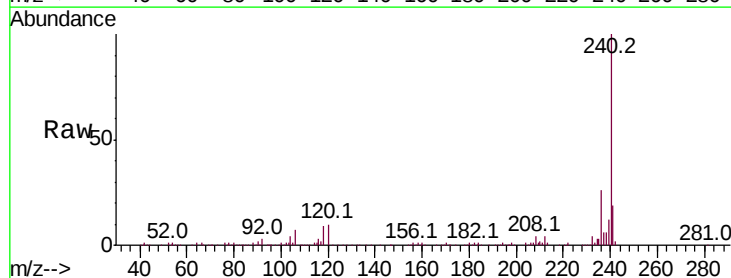
Instrument :
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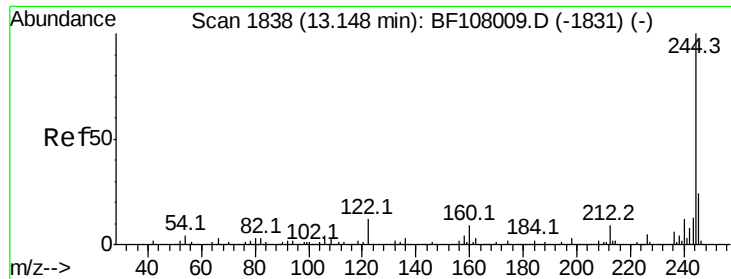
Tot Ion:188 Resp: 263474
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108532.D
Acq: 28 Aug 2018 1:55

Tgt Ion:240 Resp: 271383
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.1 20.7 31.1

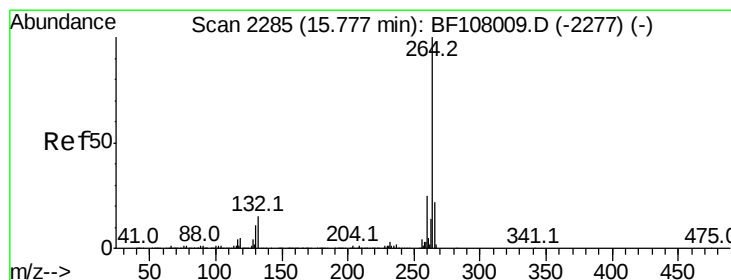
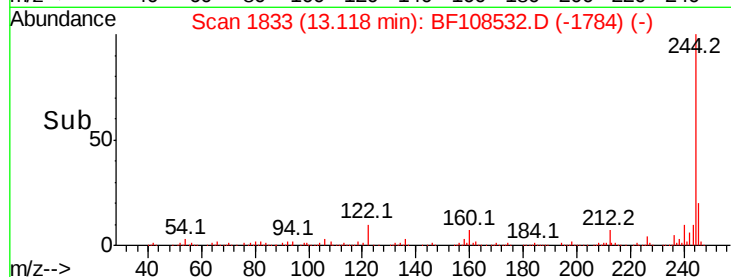
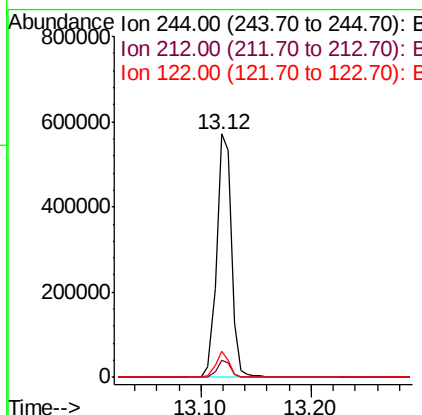
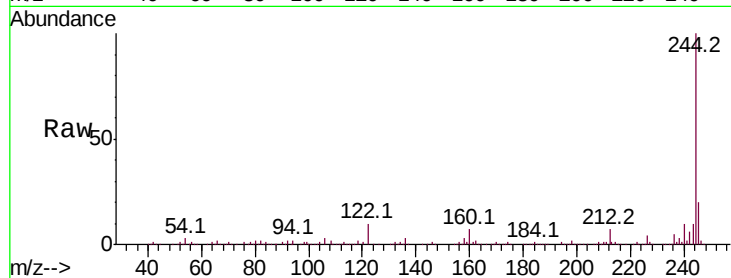




#78
 Terphenyl-d14
 Concen: 49.873 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108532.D
 Acq: 28 Aug 2018 1:55

Instrument :
 BNA_F
 ClientSampleId :
 082218-SIDI-E-D-B

Tot Ion:244 Resp: 532327
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108532.D
 Acq: 28 Aug 2018 1:55

Tgt Ion:264 Resp: 186929
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.7 17.5 26.3

