

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098309.D
 Acq On : 7 Sep 2017 8:48
 Operator : SJ/JU
 Sample : I5089-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 083117-TIDO-E-D-M

Quant Time: Sep 07 15:24:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110620	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	417061	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	160467	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	260695	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	228185	20.00	ng	-0.02
86) Perylene-d12	15.25	264	153570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	183708	25.26	ng	0.00
7) Phenol-d6	6.33	99	251573	25.46	ng	-0.02
23) Nitrobenzene-d5	7.26	82	660501	86.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	59092	42.44	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	979936	89.72	ng	-0.01
78) Terphenyl-d14	12.80	244	685111	62.61	ng	-0.01

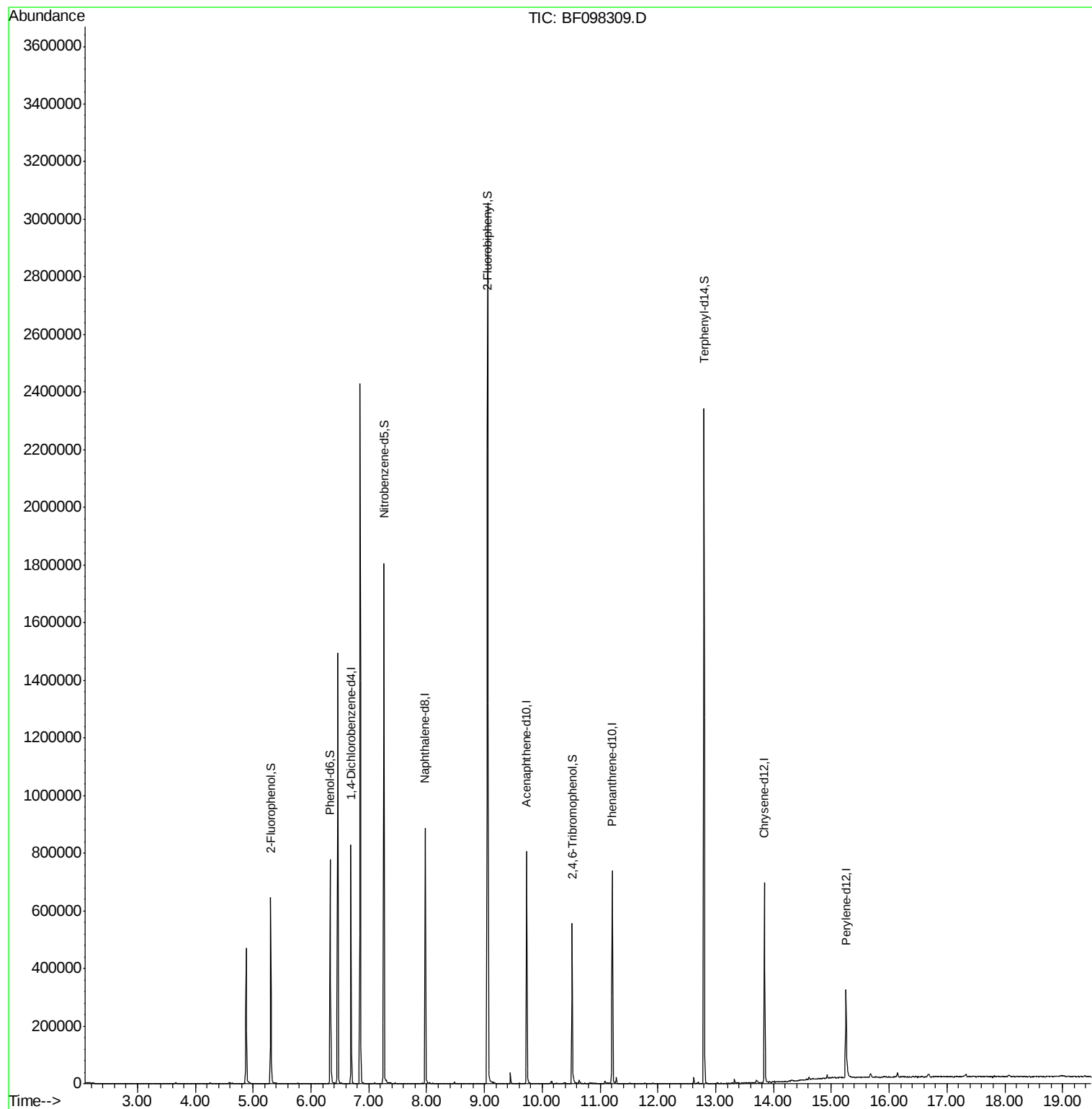
Target Compounds Qvalue

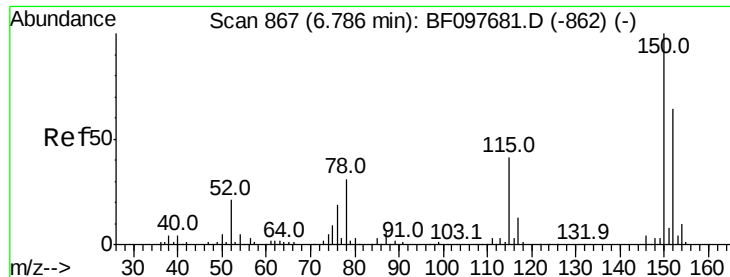
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098309.D
Acq On : 7 Sep 2017 8:48
Operator : SJ/JU
Sample : I5089-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
083117-TIDO-E-D-M

Quant Time: Sep 07 15:24:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration



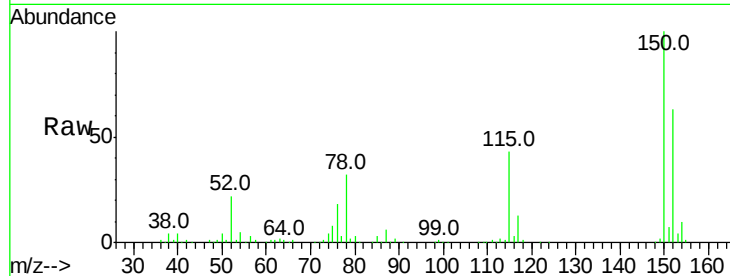


#1

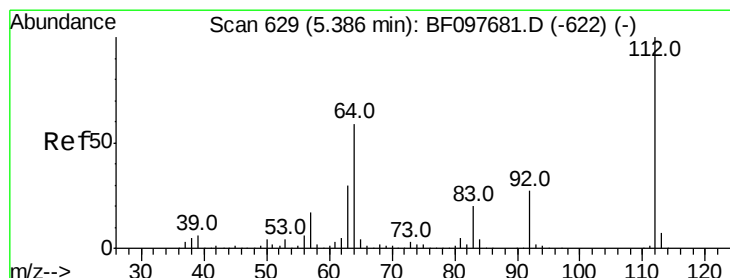
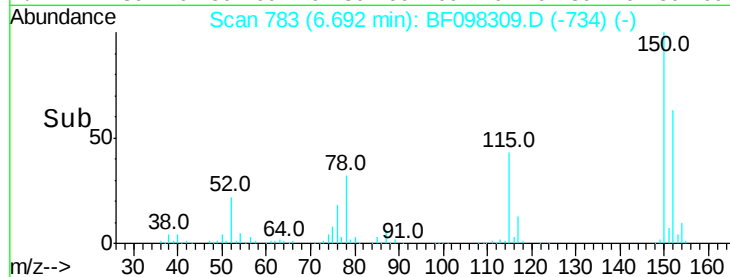
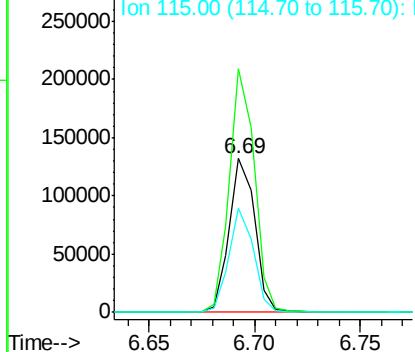
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF098309.D
 Acq: 7 Sep 2017 8:48

Instrument :
 BNA_F
 ClientSampleId :
 083117-TIDO-E-D-M

Tot Ion:152 Resp: 110620
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 68.0 52.2 78.2



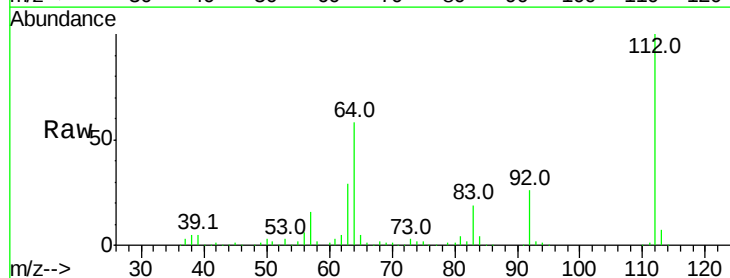
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



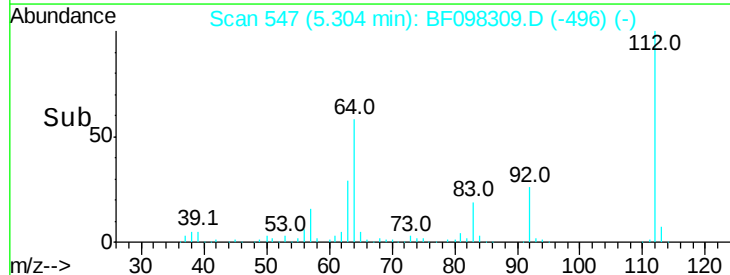
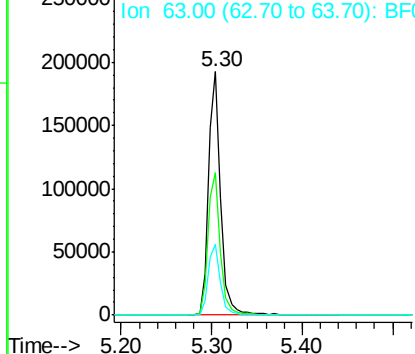
#5

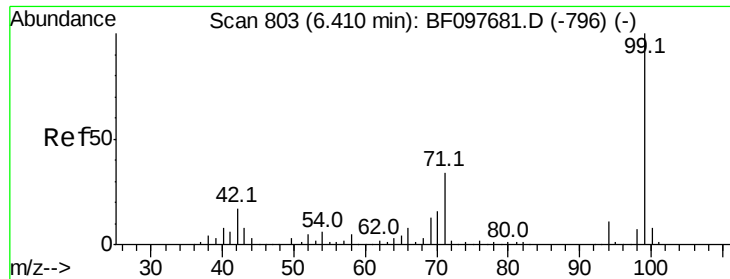
2-Fluorophenol
 Concen: 25.261 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF098309.D
 Acq: 7 Sep 2017 8:48

Tgt Ion:112 Resp: 183708
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 29.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.460 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098309.D

Acq: 7 Sep 2017 8:48

Instrument :

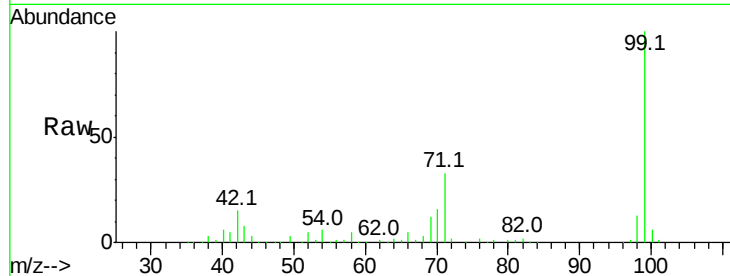
BNA_F

ClientSampleId :

083117-TIDO-E-D-M

Tot Ion: 99 Resp: 251573

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	33.1	24.5	36.7

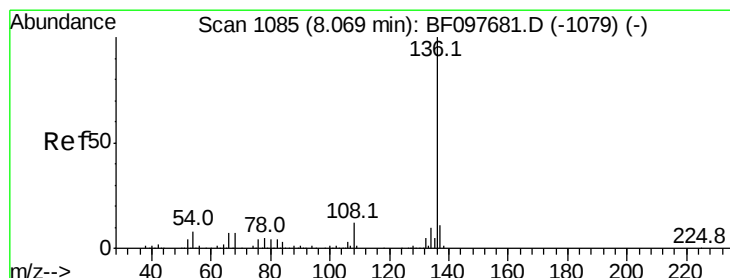
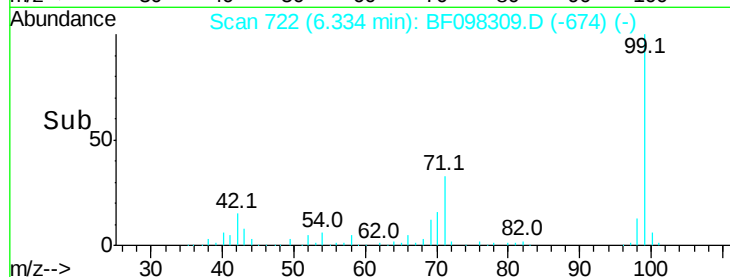
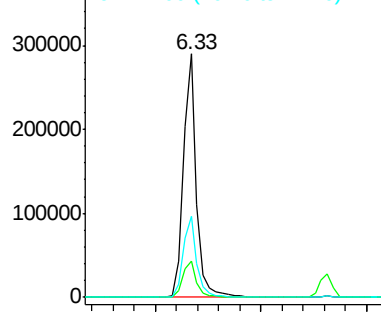


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

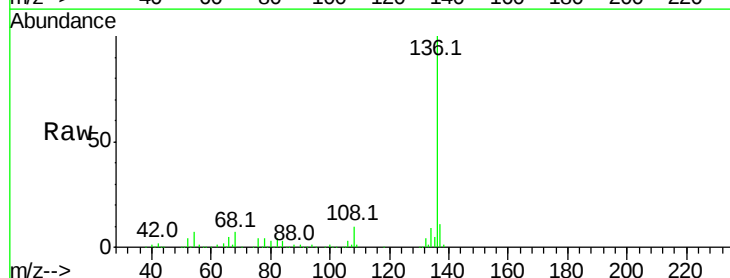
Delta R.T. -0.01 min

Lab File: BF098309.D

Acq: 7 Sep 2017 8:48

Tgt Ion: 136 Resp: 417061

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	6.6	4.1	6.1#



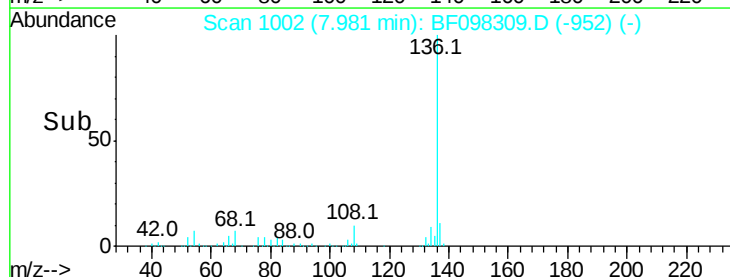
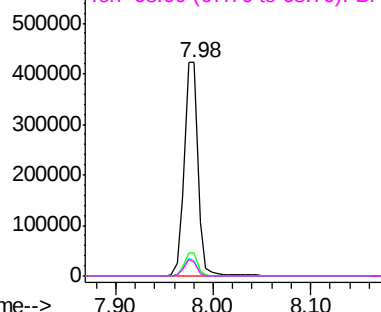
Abundance

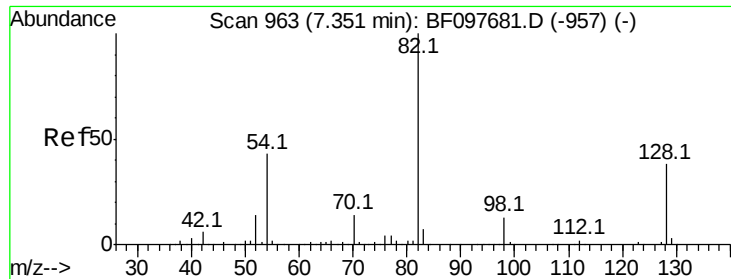
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

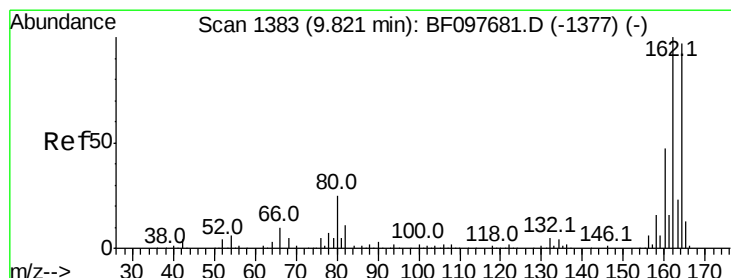
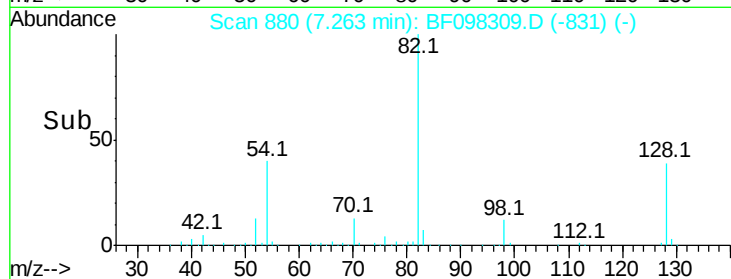
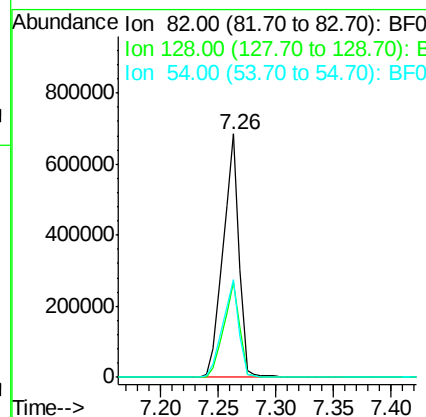
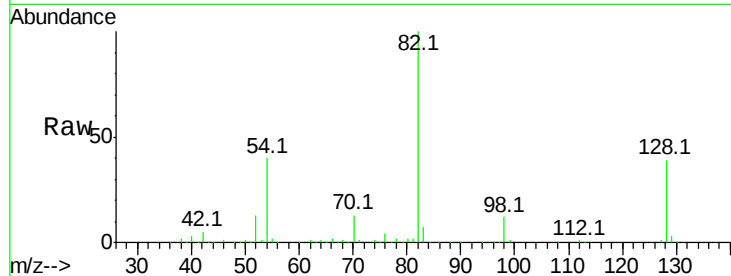




#23
 Nitrobenzene-d5
 Concen: 86.034 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098309.D
 Acq: 7 Sep 2017 8:48

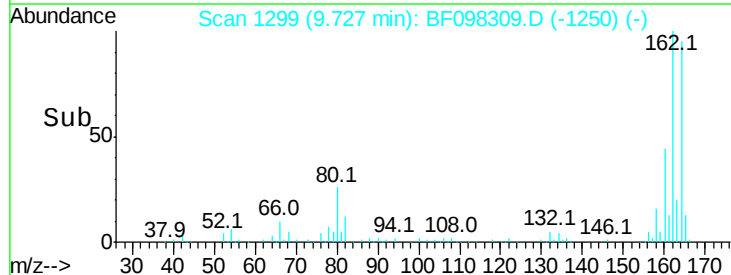
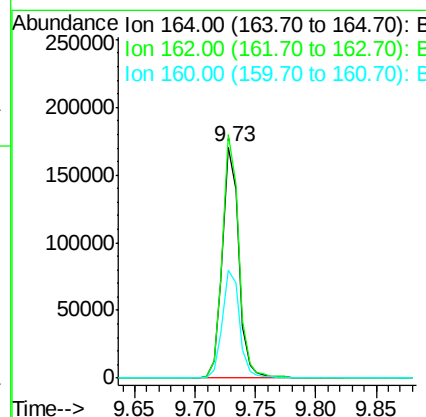
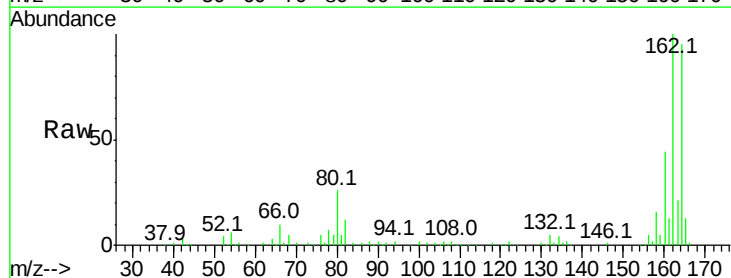
Instrument :
 BNA_F
 ClientSampleId :
 083117-TIDO-E-D-M

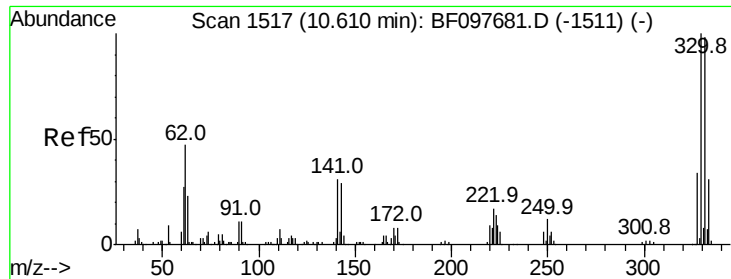
Tot Ion: 82 Resp: 660501
 Ion Ratio Lower Upper
 82 100
 128 39.1 34.0 51.0
 54 40.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098309.D
 Acq: 7 Sep 2017 8:48

Tgt Ion:164 Resp: 160467
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 46.6 36.2 54.2

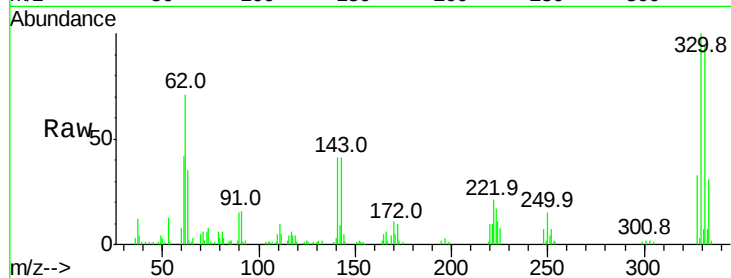




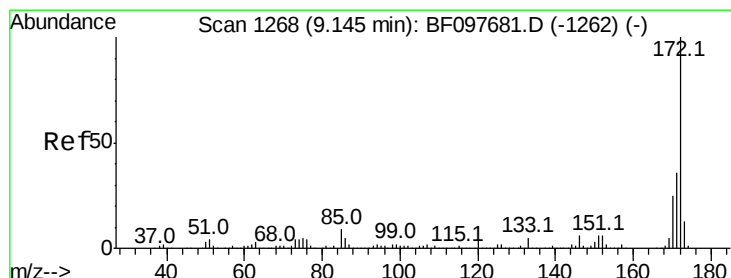
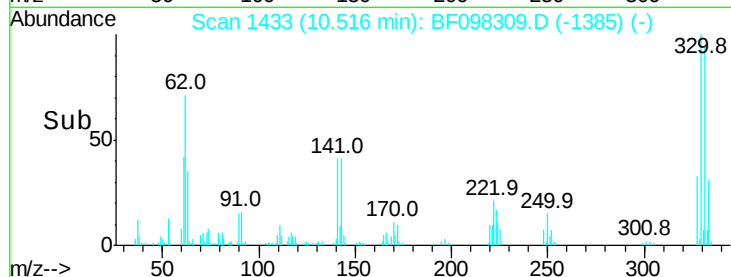
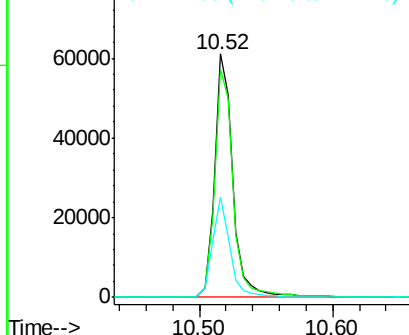
#41
 2,4,6-Tribromophenol
 Concen: 42.442 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098309.D
 Acq: 7 Sep 2017 8:48

Instrument :
 BNA_F
 ClientSampleId :
 083117-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.3	31.4	47.2

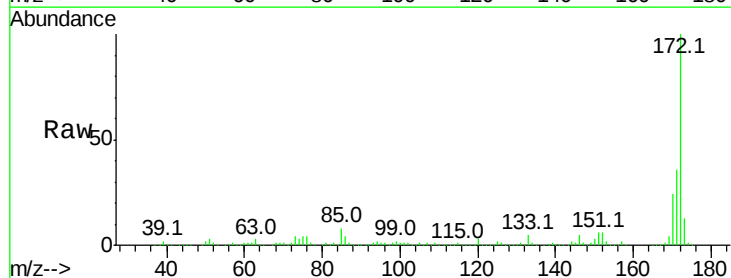


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

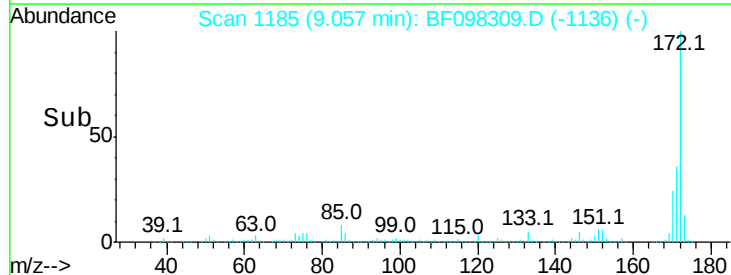
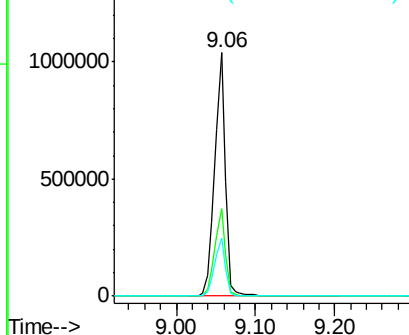


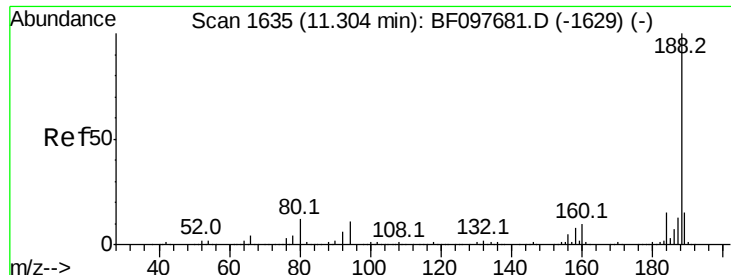
#44
 2-Fluorobiphenyl
 Concen: 89.721 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098309.D
 Acq: 7 Sep 2017 8:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098309.D

Acq: 7 Sep 2017 8:48

Instrument :

BNA_F

ClientSampleId :

083117-TIDO-E-D-M

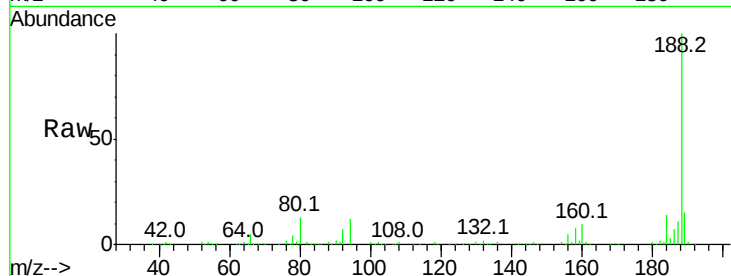
Tot Ion:188 Resp: 260695

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

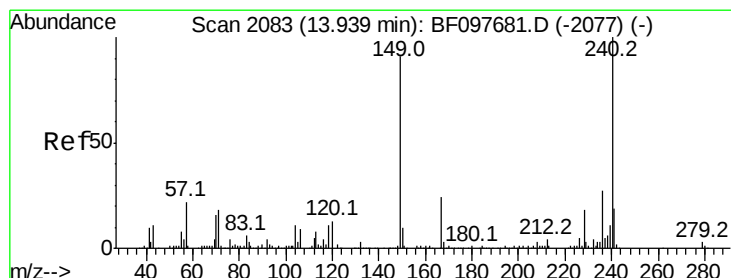
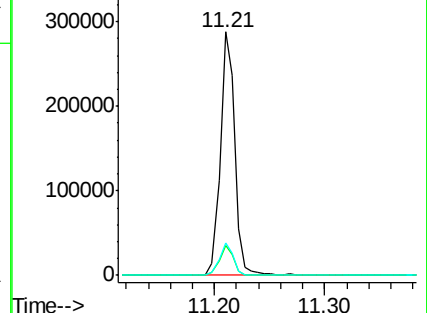
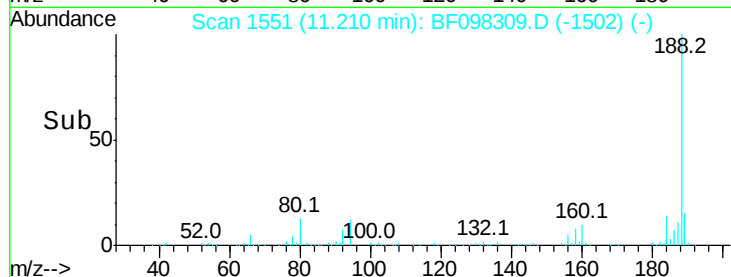
80 13.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098309.D

Acq: 7 Sep 2017 8:48

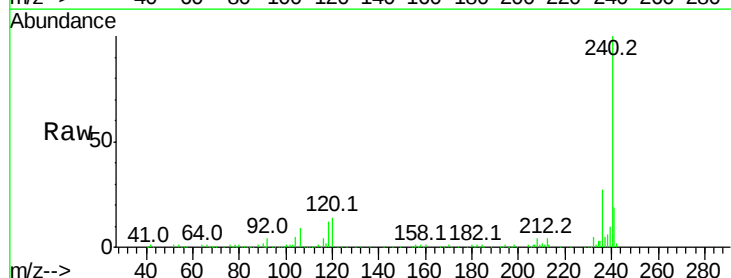
Tgt Ion:240 Resp: 228185

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

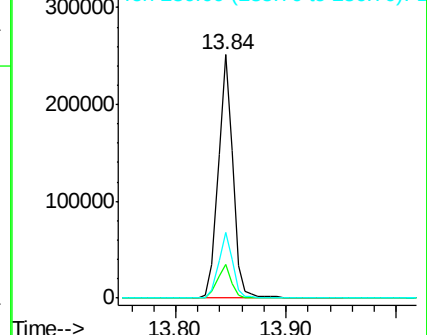
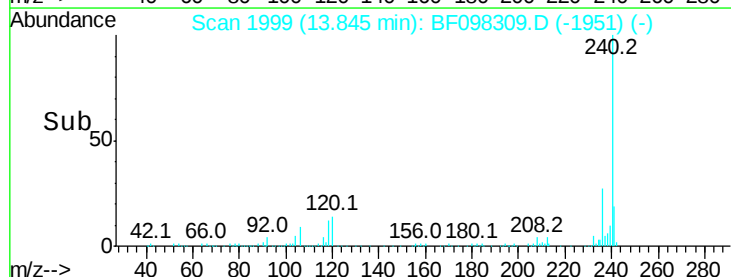
236 27.0 20.5 30.7

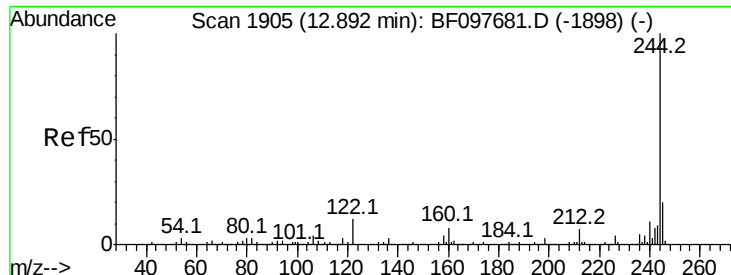


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.611 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098309.D

Acq: 7 Sep 2017 8:48

Instrument :

BNA_F

ClientSampleId :

083117-TIDO-E-D-M

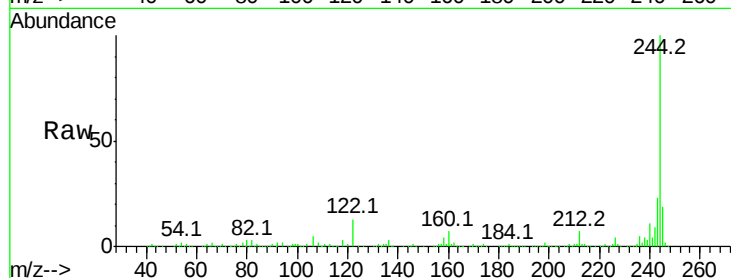
Tot Ion:244 Resp: 685111

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

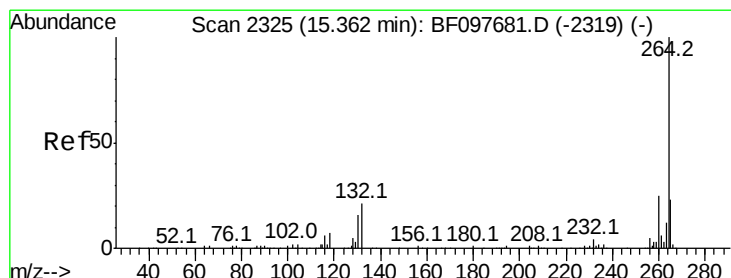
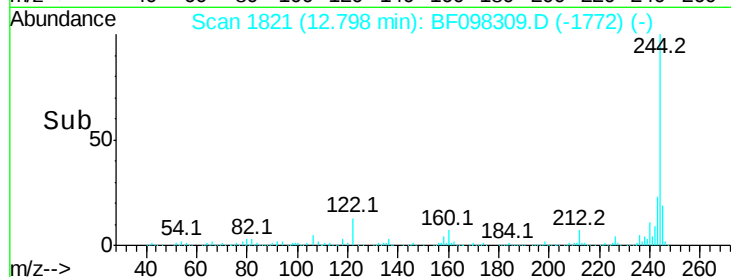
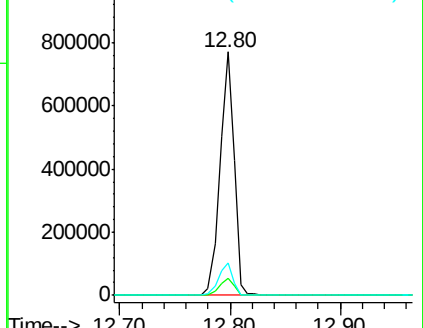
122 13.3 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098309.D

Acq: 7 Sep 2017 8:48

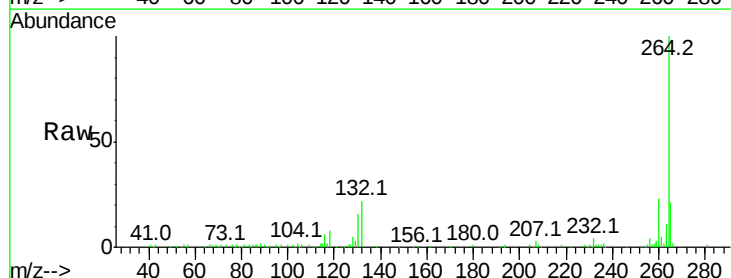
Tgt Ion:264 Resp: 153570

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.9 17.2 25.8



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

