

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098343.D
 Acq On : 8 Sep 2017 5:33
 Operator : SJ/JU
 Sample : I5132-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-S

Quant Time: Sep 08 07:11:38 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	105156	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	396787	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	167582	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	306505	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	253591	20.00	ng	-0.02
86) Perylene-d12	15.25	264	172982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	325930	47.15	ng	-0.01
7) Phenol-d6	6.33	99	307086	32.69	ng	-0.02
23) Nitrobenzene-d5	7.26	82	737715	101.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	139111	95.67	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1107033	97.05	ng	-0.02
78) Terphenyl-d14	12.80	244	873949	71.87	ng	-0.01

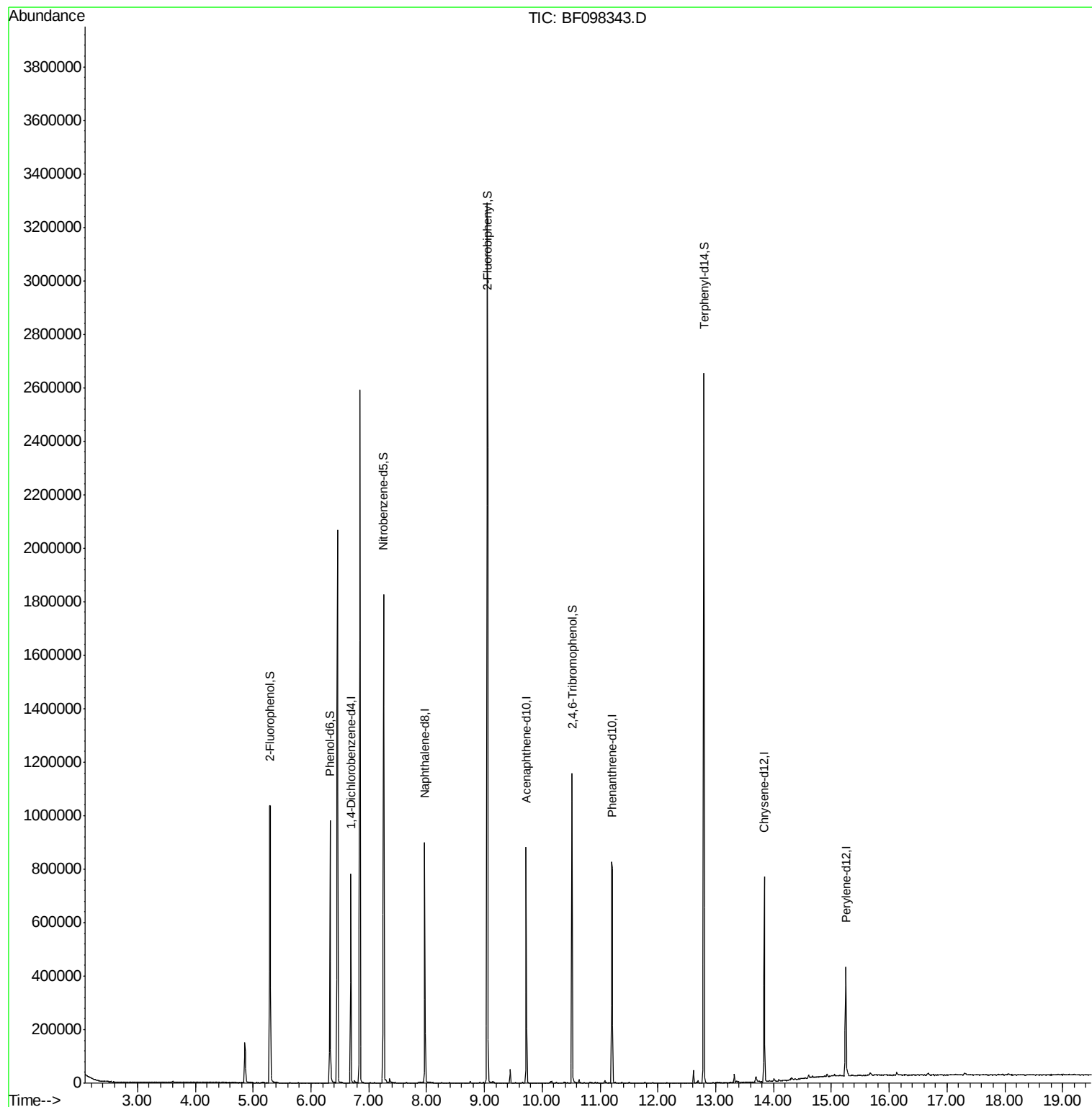
Target Compounds Qvalue

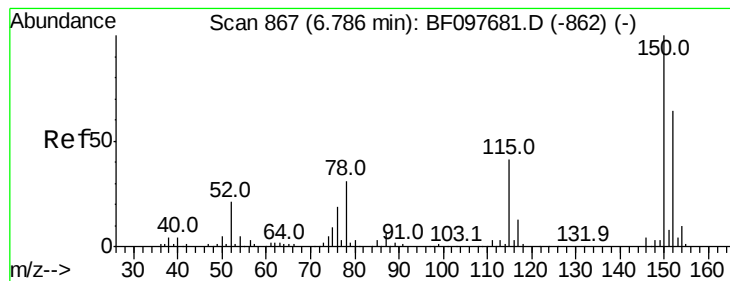
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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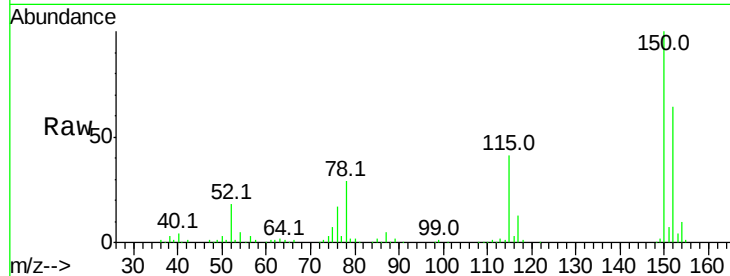


#1

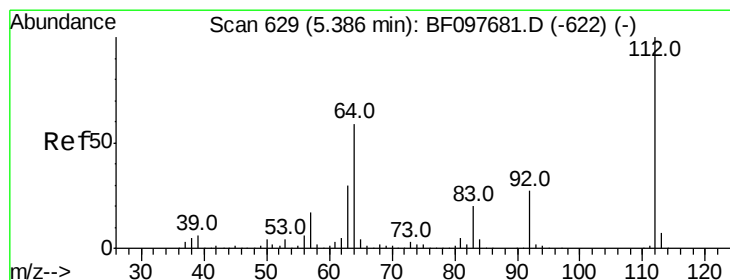
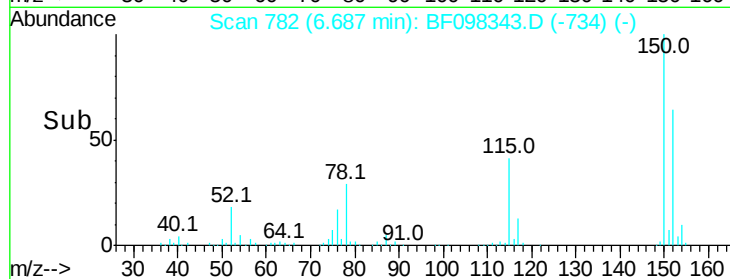
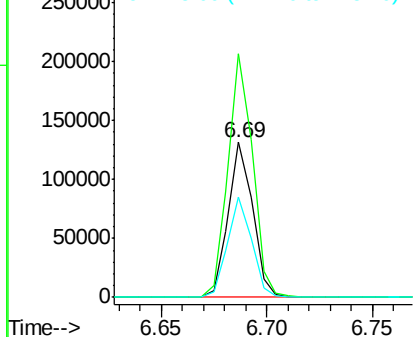
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098343.D
Acq: 8 Sep 2017 5:33

Instrument :
BNA_F
ClientSampleId :
090617-TIDO-F-D-S

Tot Ion:152 Resp: 105156
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 64.6 52.2 78.2



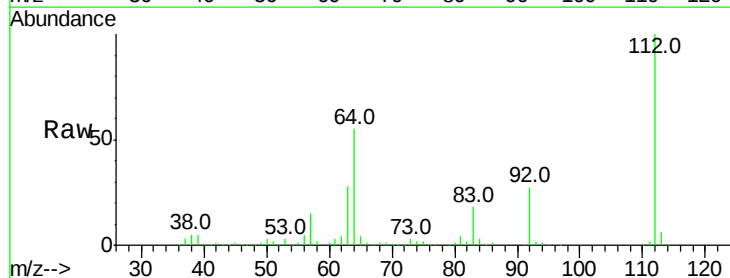
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



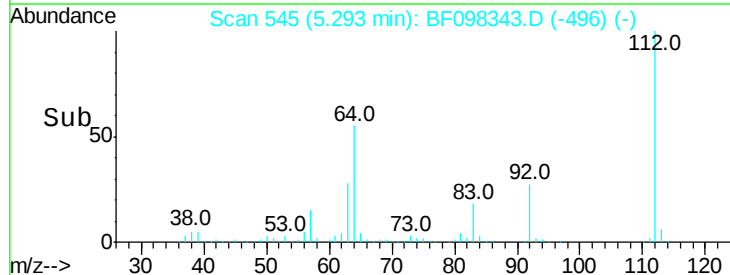
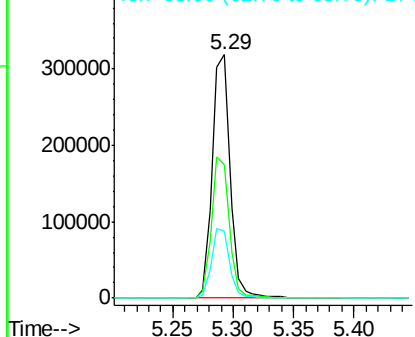
#5

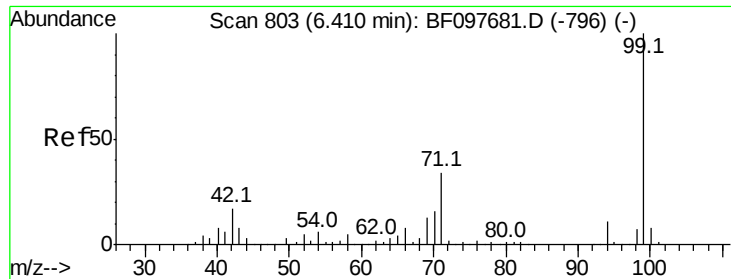
2-Fluorophenol
Concen: 47.146 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098343.D
Acq: 8 Sep 2017 5:33

Tgt Ion:112 Resp: 325930
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.7 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: 32.693 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098343.D

Acq: 8 Sep 2017 5:33

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-D-S

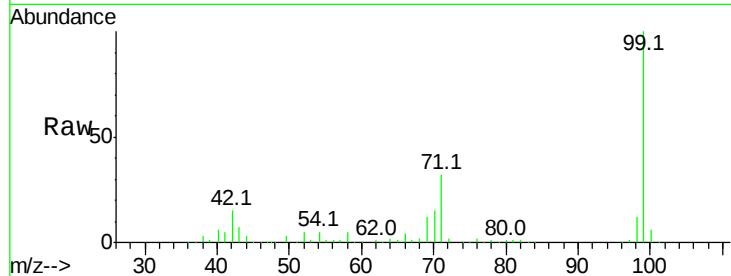
Tot Ion: 99 Resp: 307086

Ion Ratio Lower Upper

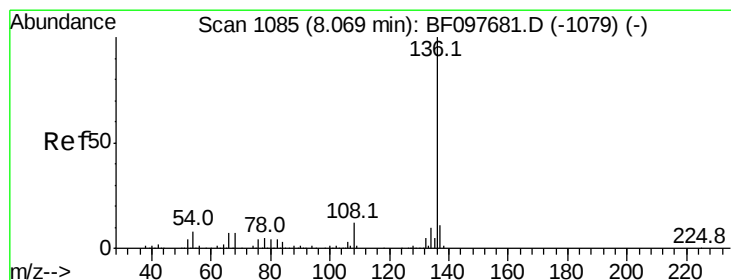
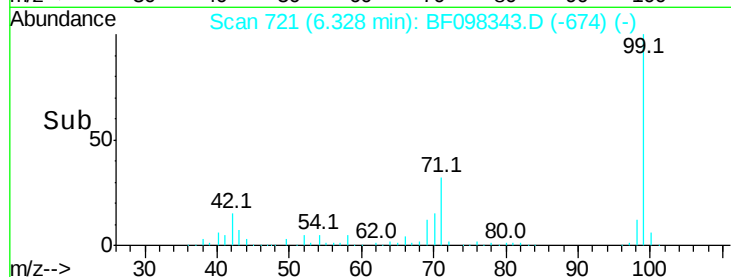
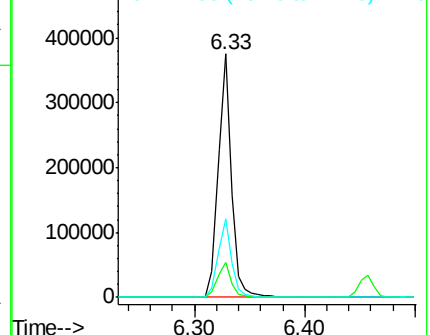
99 100

42 14.6 13.5 20.3

71 32.2 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: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF098343.D

Acq: 8 Sep 2017 5:33

Tgt Ion: 136 Resp: 396787

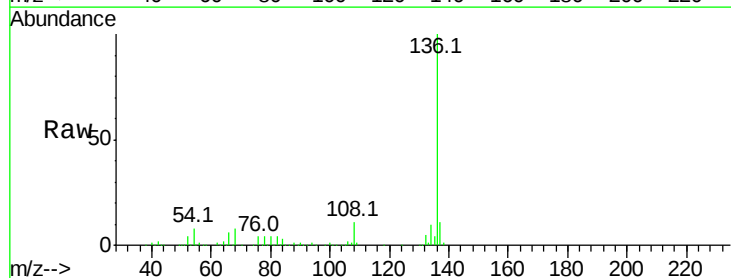
Ion Ratio Lower Upper

136 100

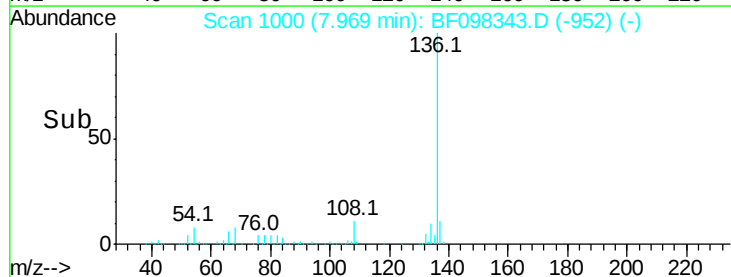
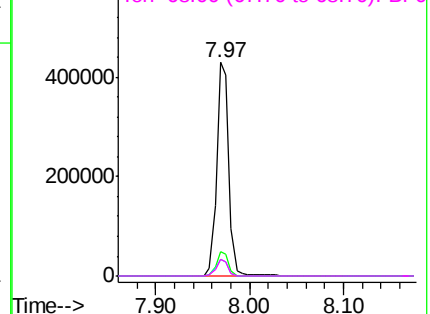
137 11.1 8.5 12.7

54 7.9 4.9 7.3#

68 8.0 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

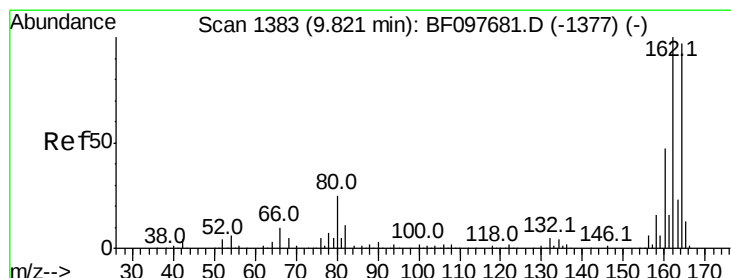
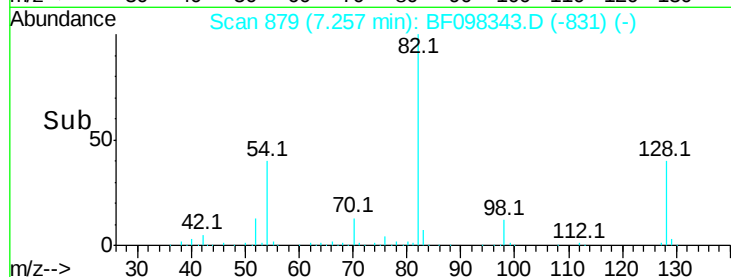
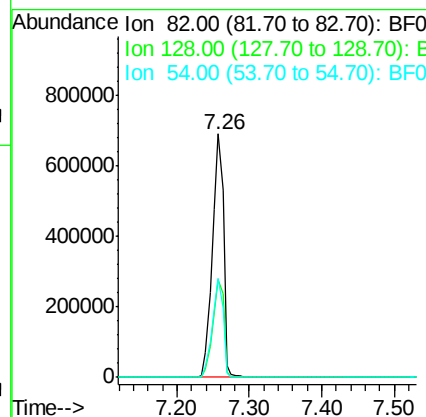
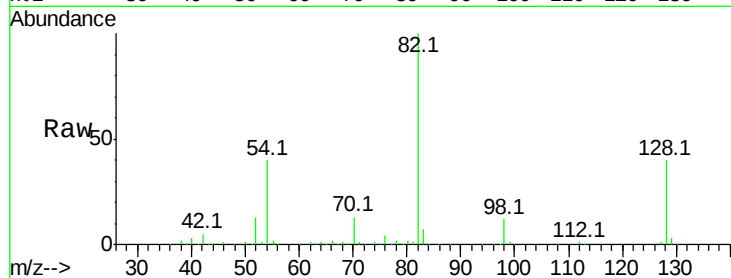




#23
 Nitrobenzene-d5
 Concen: 101.001 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098343.D
 Acq: 8 Sep 2017 5:33

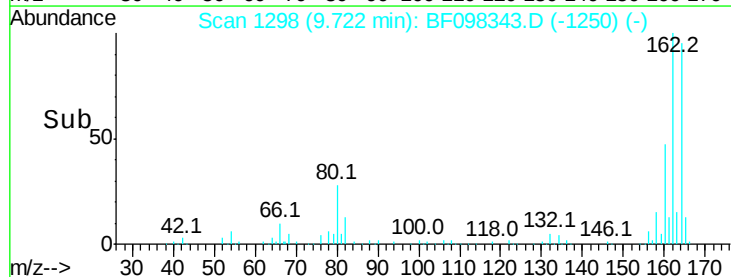
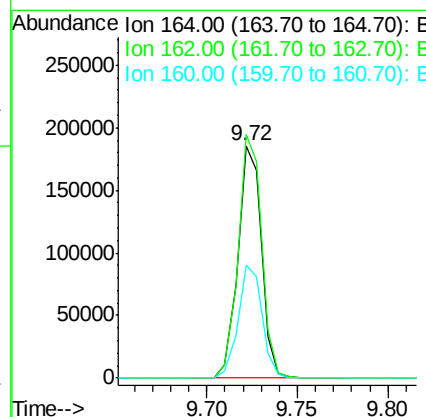
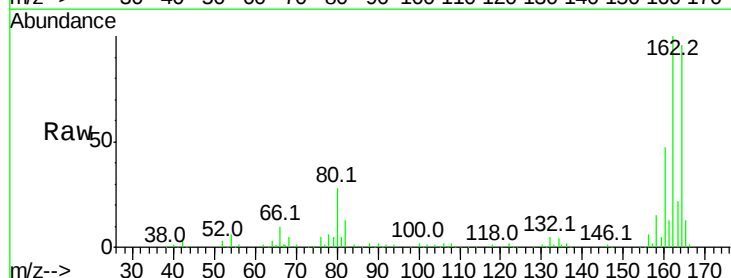
Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-S

Tot Ion: 82 Resp: 737715
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.0 51.0
 54 40.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF098343.D
 Acq: 8 Sep 2017 5:33

Tgt Ion: 164 Resp: 167582
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 48.8 36.2 54.2

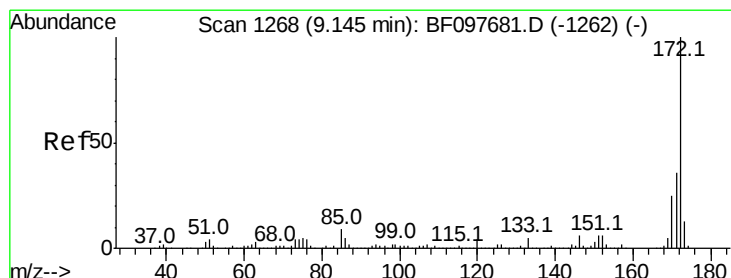
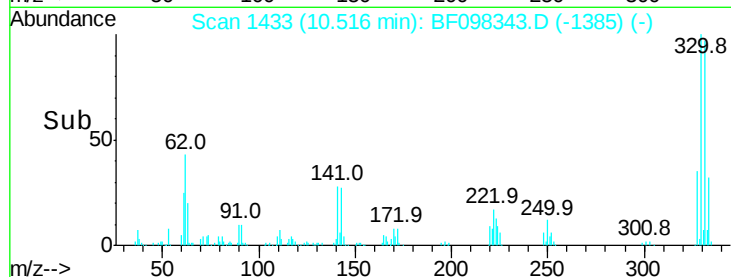
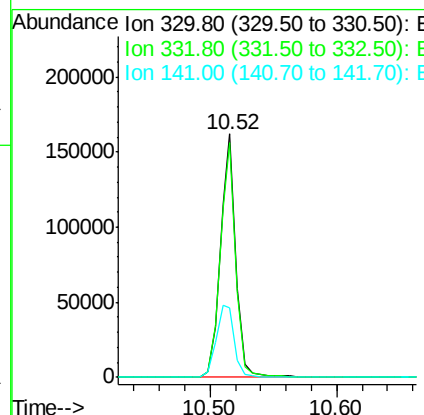
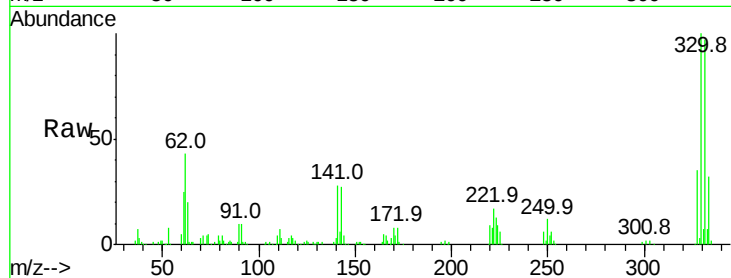




#41
 2,4,6-Tribromophenol
 Concen: 95.672 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098343.D
 Acq: 8 Sep 2017 5:33

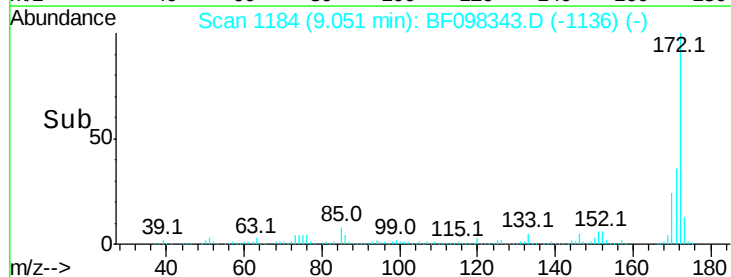
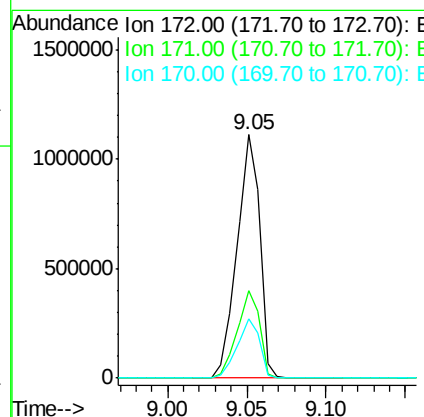
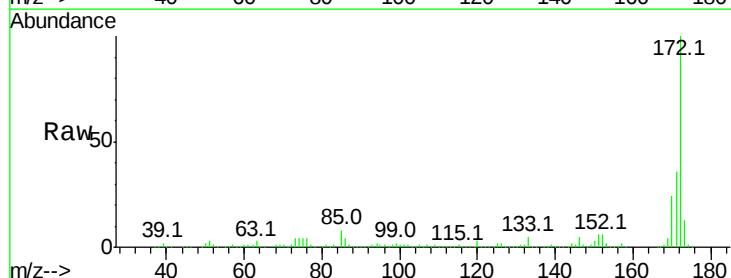
Instrument :
 BNA_F
 ClientSampleId :
 090617-TIDO-F-D-S

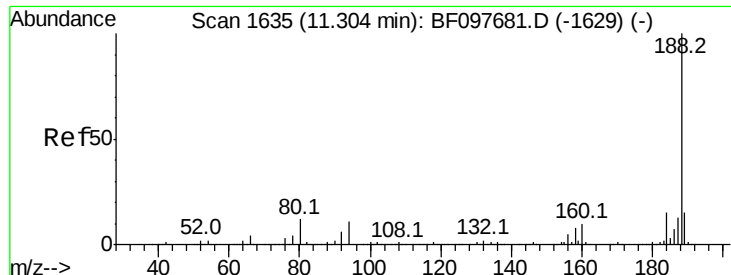
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	34.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 97.055 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098343.D
 Acq: 8 Sep 2017 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BF098343.D

Acq: 8 Sep 2017 5:33

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-D-S

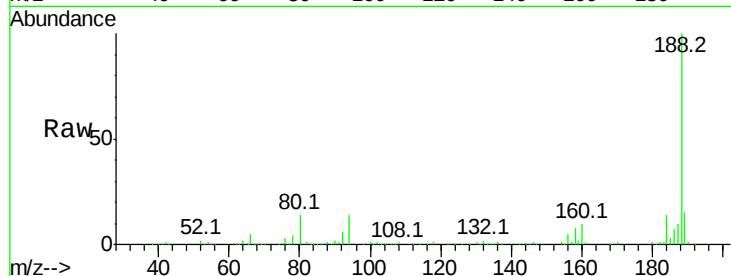
Tot Ion:188 Resp: 306505

Ion Ratio Lower Upper

188 100

94 13.7 9.4 14.2

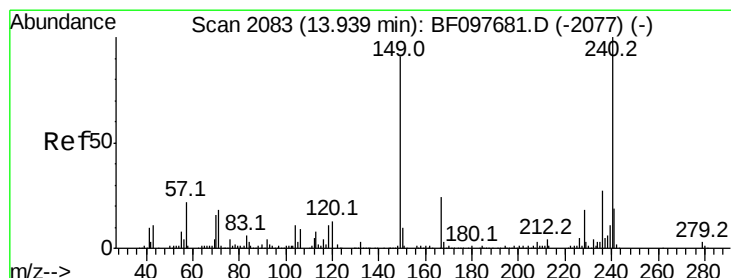
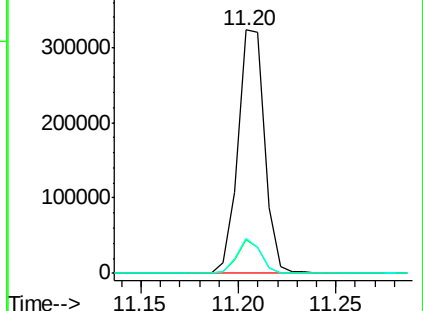
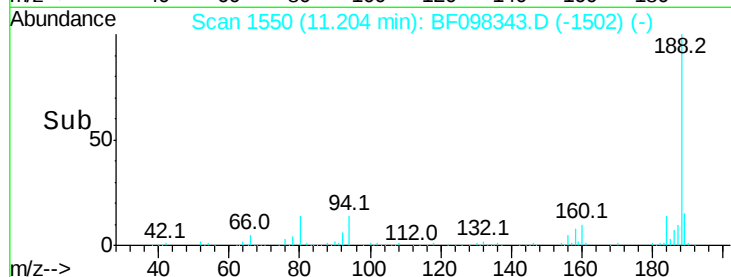
80 14.3 10.2 15.2



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# 1998

Delta R.T. -0.02 min

Lab File: BF098343.D

Acq: 8 Sep 2017 5:33

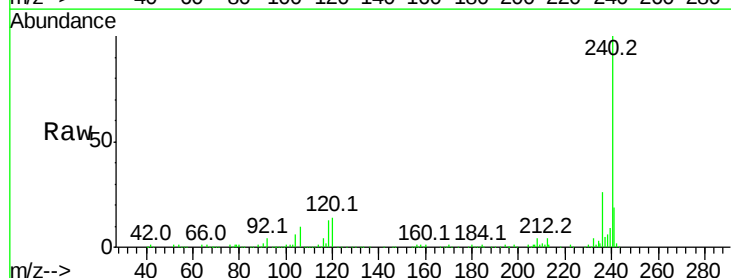
Tgt Ion:240 Resp: 253591

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

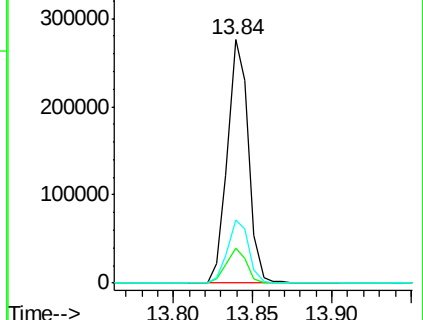
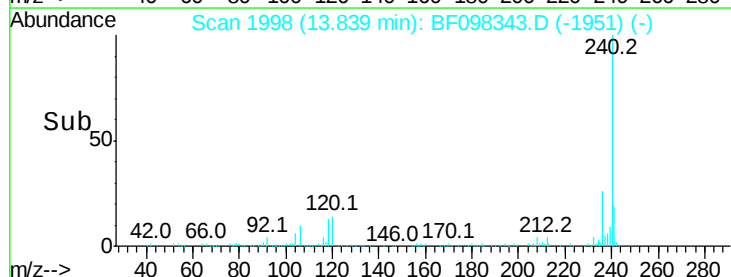
236 26.0 20.5 30.7

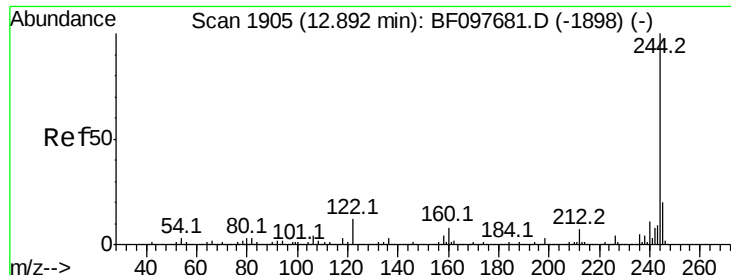


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.867 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098343.D

Acq: 8 Sep 2017 5:33

Instrument :

BNA_F

ClientSampleId :

090617-TIDO-F-D-S

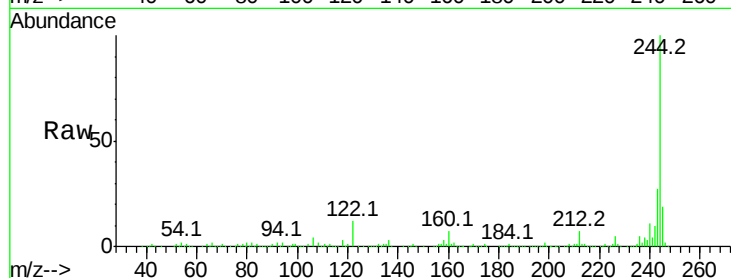
Tot Ion:244 Resp: 873949

Ion Ratio Lower Upper

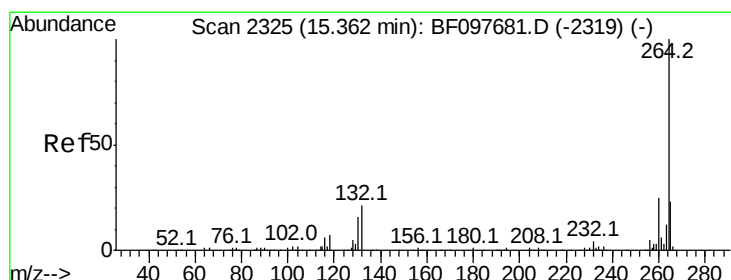
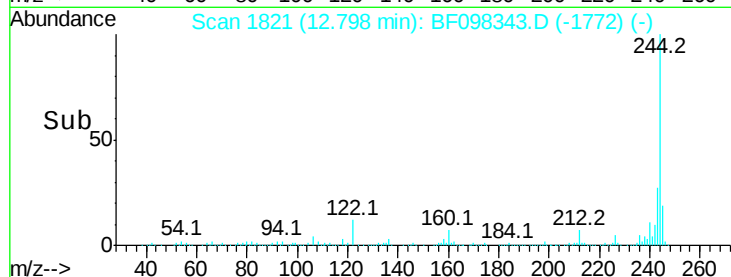
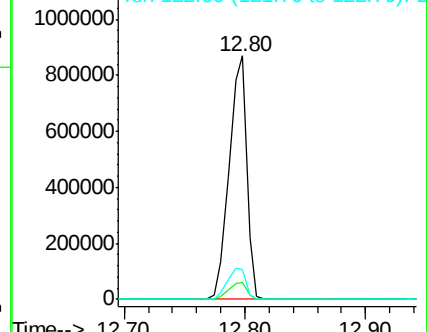
244 100

212 7.1 6.0 9.0

122 12.1 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: BF098343.D

Acq: 8 Sep 2017 5:33

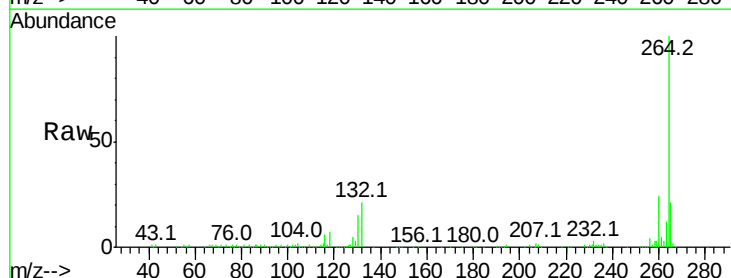
Tgt Ion:264 Resp: 172982

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.1 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

