

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098305.D
 Acq On : 7 Sep 2017 6:56
 Operator : SJ/JU
 Sample : I5088-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-D-M

Quant Time: Sep 07 07:50:37 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

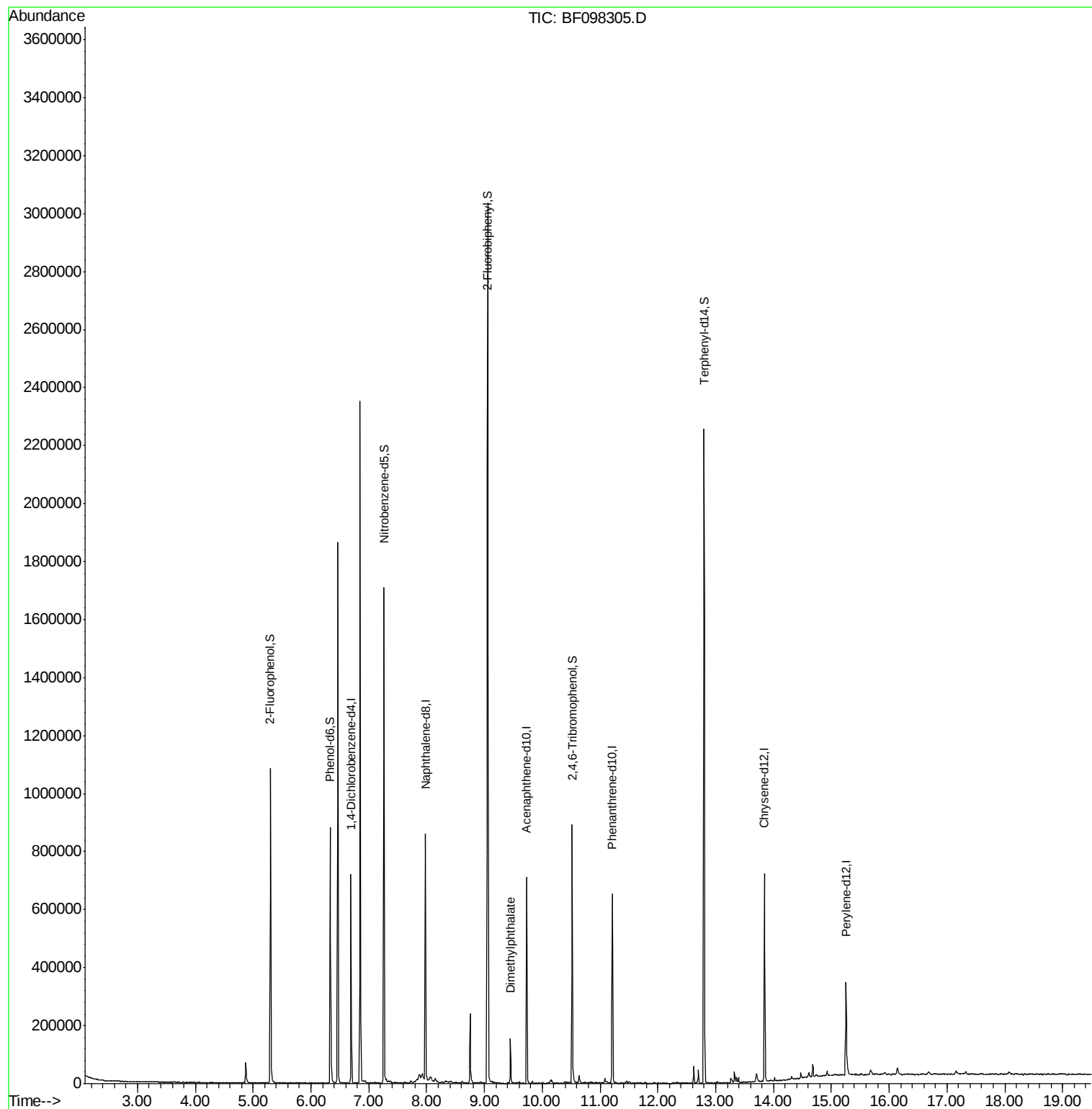
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	102473	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	375270	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	139683	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	233628	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	227095	20.00	ng	-0.02
86) Perylene-d12	15.26	264	150678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	296433	44.00	ng	0.00
7) Phenol-d6	6.33	99	276817	30.24	ng	-0.02
23) Nitrobenzene-d5	7.26	82	659983	95.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	102357	84.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	937916	98.65	ng	-0.01
78) Terphenyl-d14	12.80	244	716489	65.79	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	56832	5.566	ng	97

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

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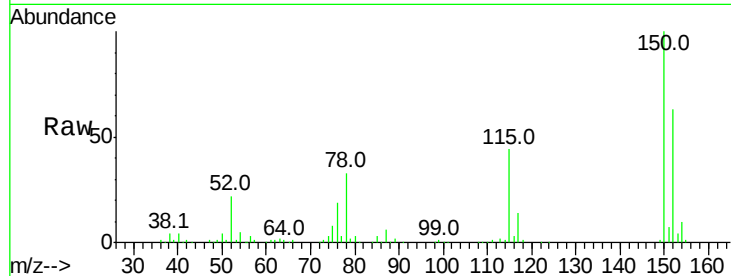


#1

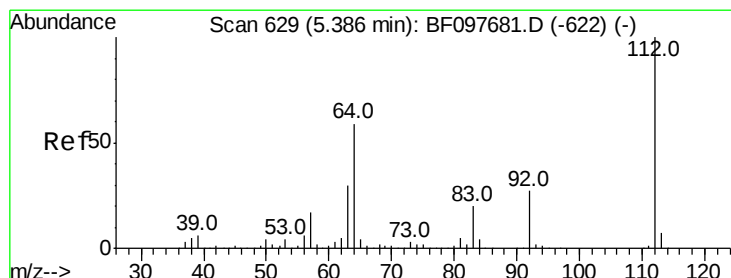
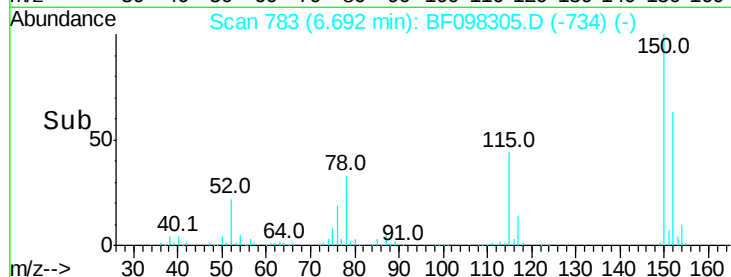
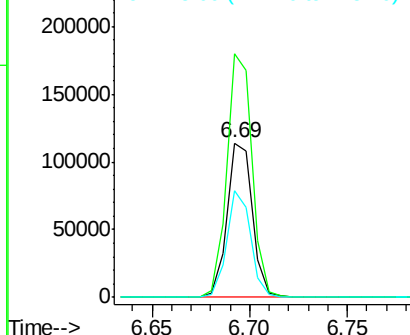
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

Instrument :
BNA_F
ClientSampleId :
083017-TIDO-F-D-M

Tot Ion:152 Resp: 102473
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 69.0 52.2 78.2



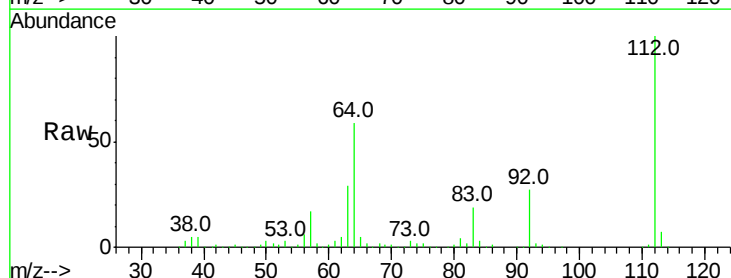
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



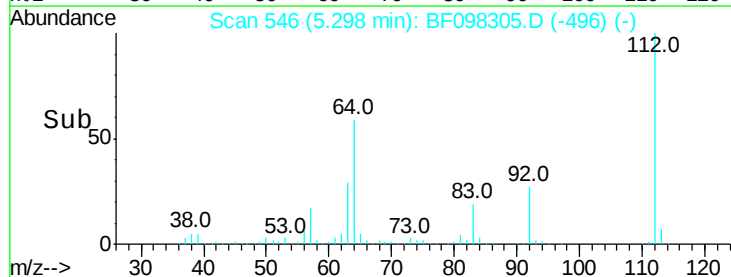
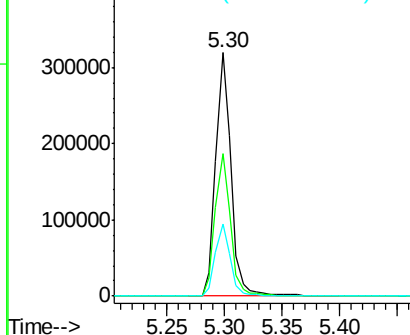
#5

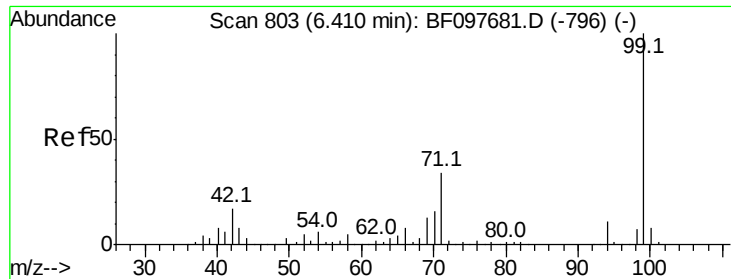
2-Fluorophenol
Concen: 44.002 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

Tgt Ion:112 Resp: 296433
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.4 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: 30.242 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

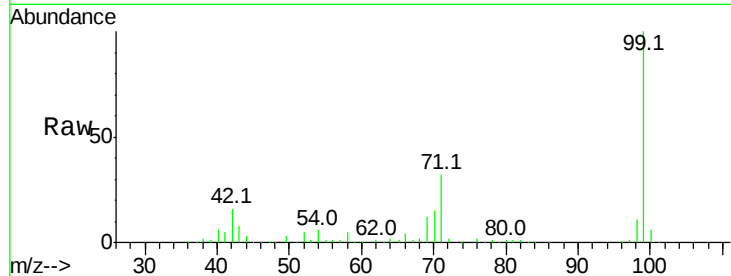
Tot Ion: 99 Resp: 276817

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

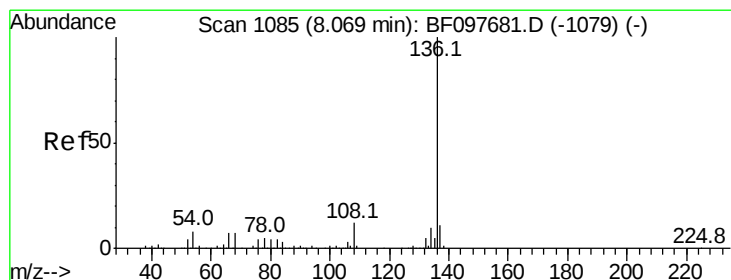
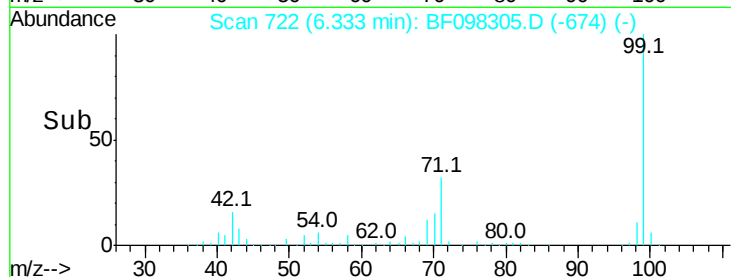
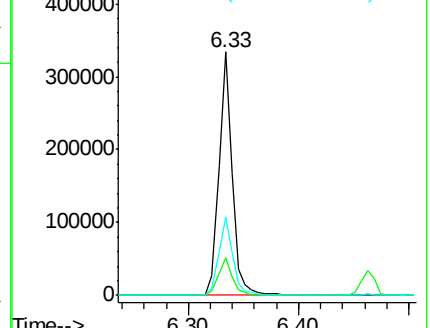
71 32.3 24.5 36.7



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: BF098305.D

Acq: 7 Sep 2017 6:56

Tgt Ion: 136 Resp: 375270

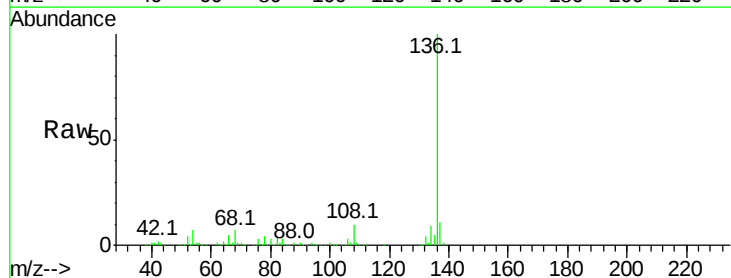
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 7.1 4.1 6.1#

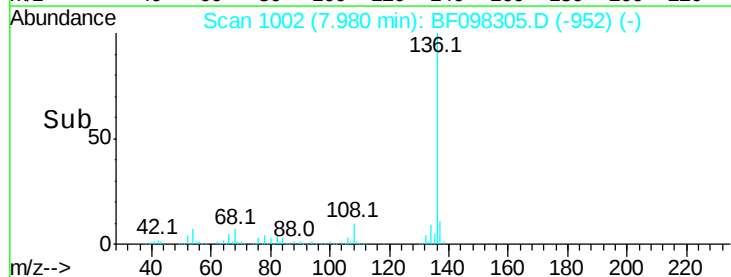
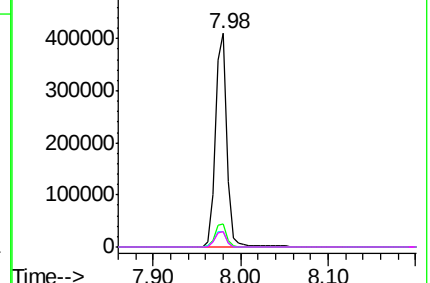


Abundance Ion 136.00 (135.70 to 136.70): E

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

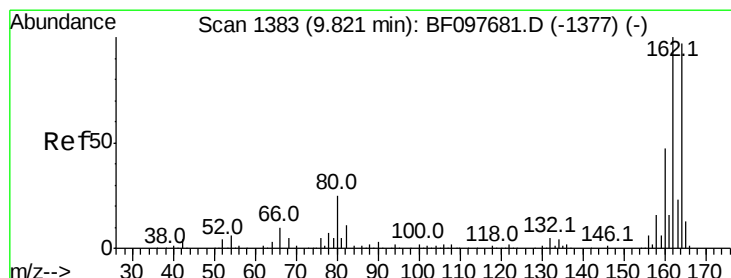
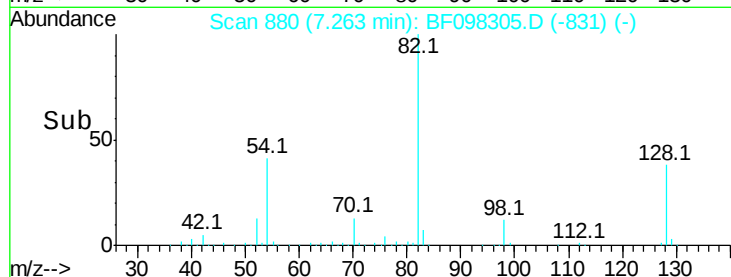
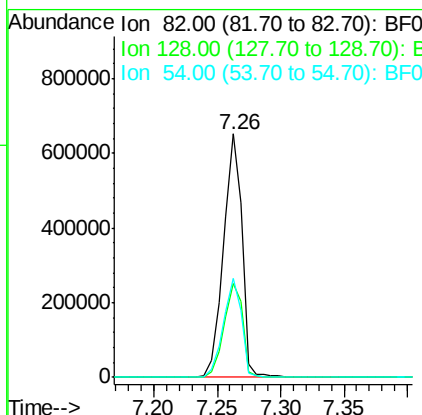
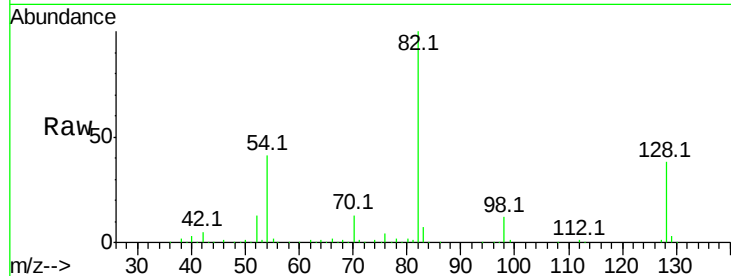




#23
 Nitrobenzene-d5
 Concen: 95.540 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098305.D
 Acq: 7 Sep 2017 6:56

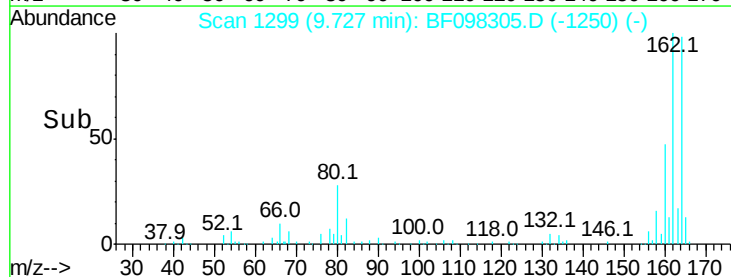
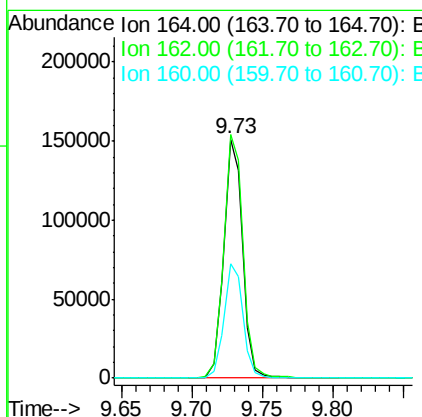
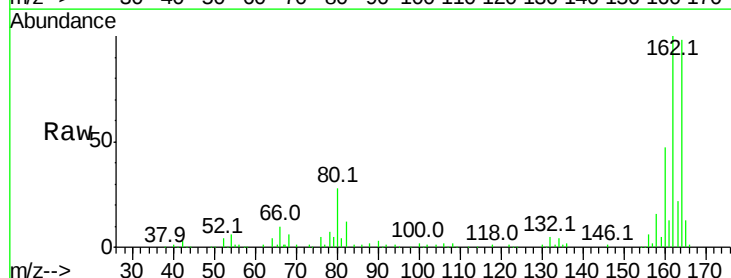
Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-D-M

Tot Ion	82	Resp	659983
Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	40.6	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: BF098305.D
 Acq: 7 Sep 2017 6:56

Tgt Ion	164	Resp	139683
Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	47.7	36.2	54.2

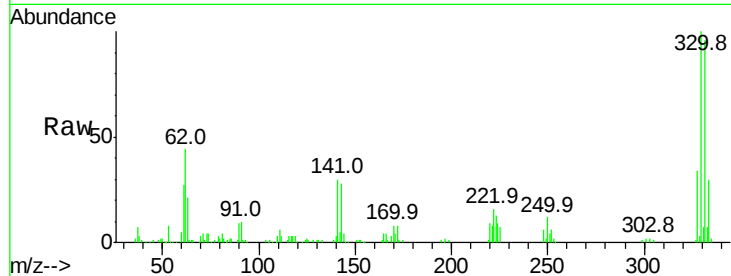




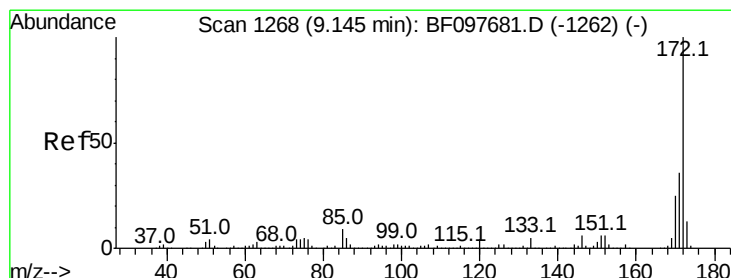
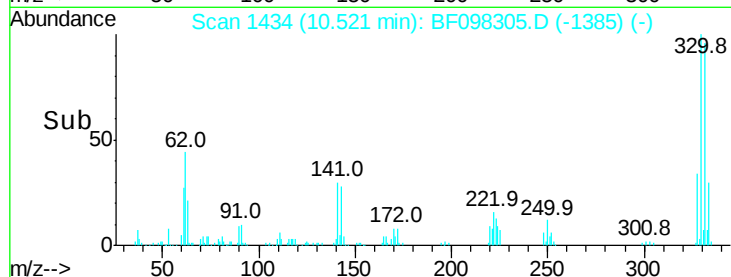
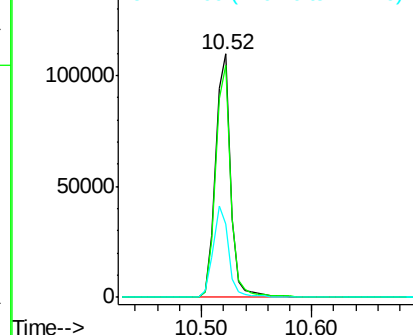
#41
 2,4,6-Tribromophenol
 Concen: 84.455 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098305.D
 Acq: 7 Sep 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.0	31.4	47.2

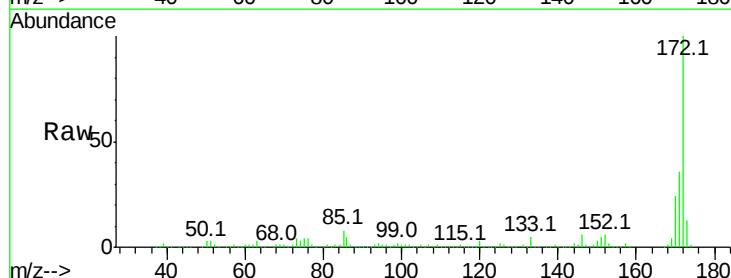


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

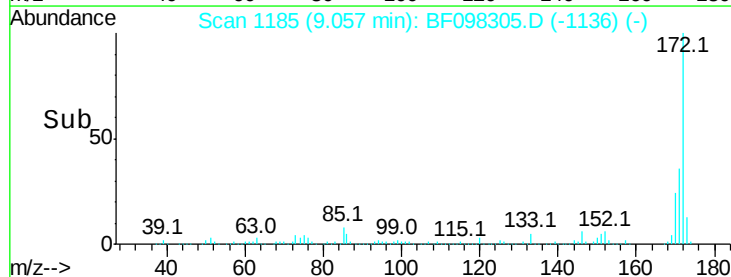
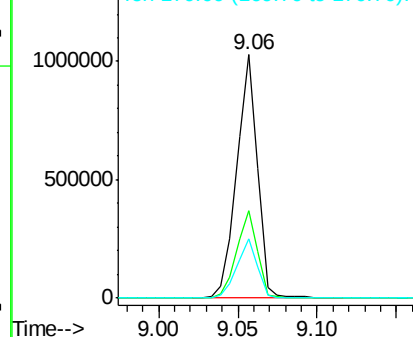


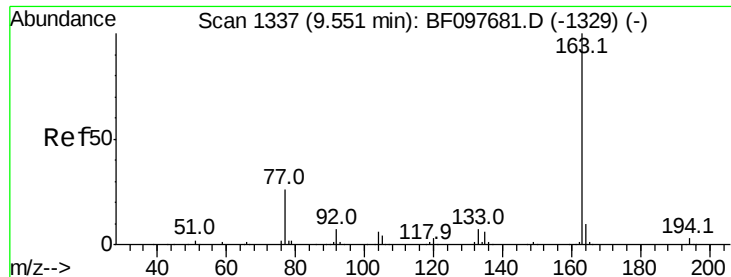
#44
 2-Fluorobiphenyl
 Concen: 98.651 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098305.D
 Acq: 7 Sep 2017 6:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	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





#49

Dimethylphthalate

Concen: 5.566 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

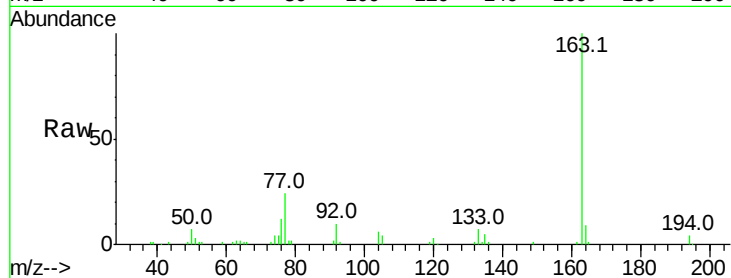
Tot Ion:163 Resp: 56832

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

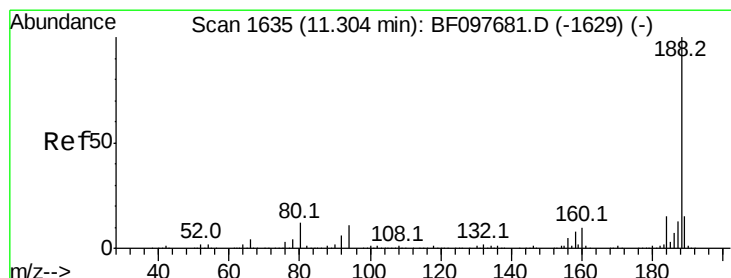
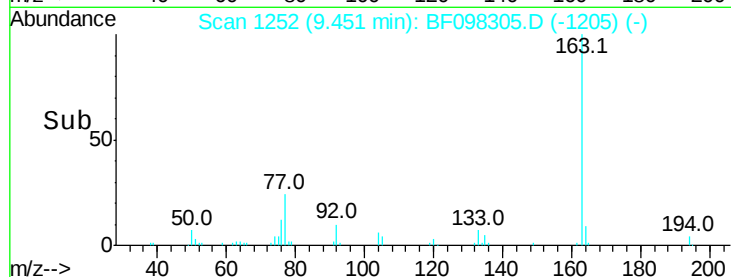
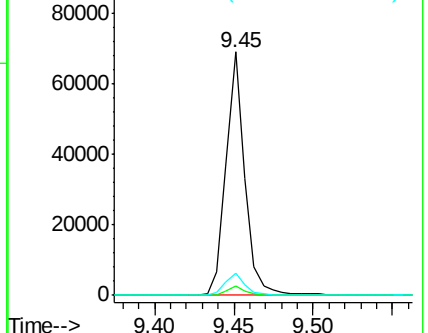
164 9.4 8.4 12.6



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

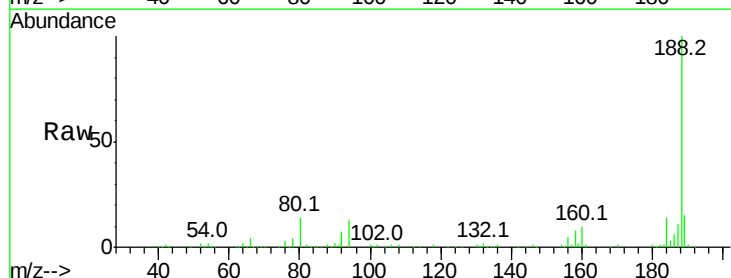
Tgt Ion:188 Resp: 233628

Ion Ratio Lower Upper

188 100

94 13.2 9.4 14.2

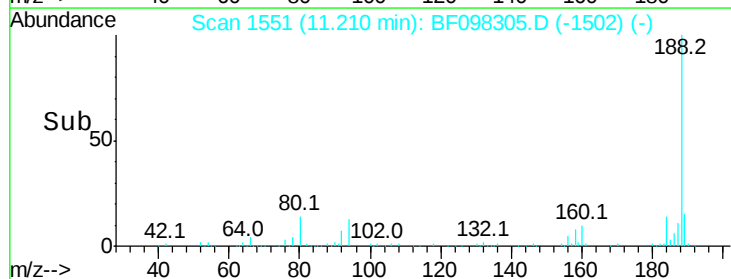
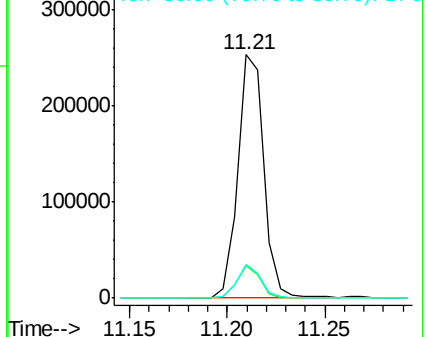
80 13.7 10.2 15.2

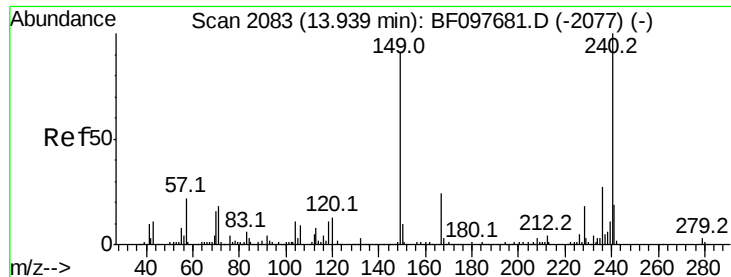


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

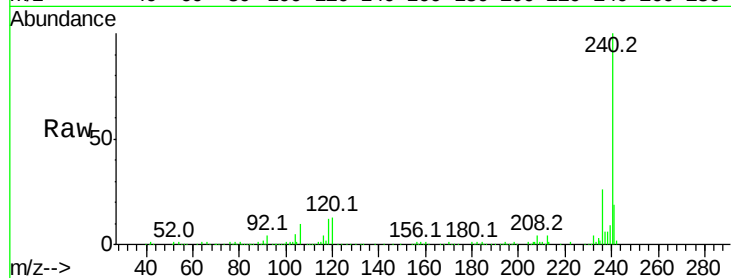
Tot Ion:240 Resp: 227095

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

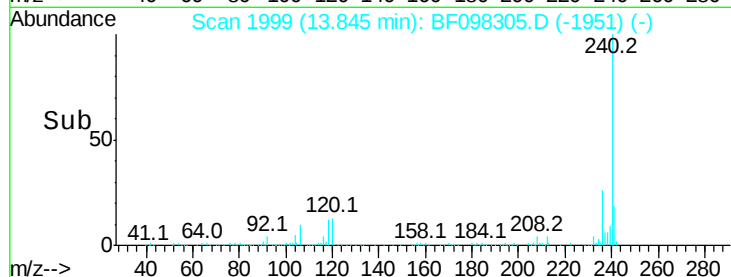
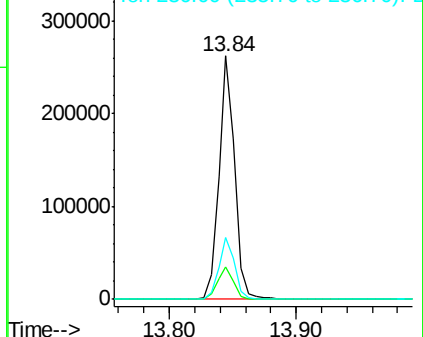
236 25.6 20.5 30.7



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: 65.793 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

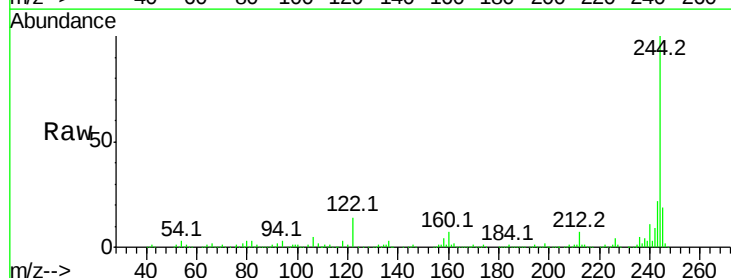
Tgt Ion:244 Resp: 716489

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

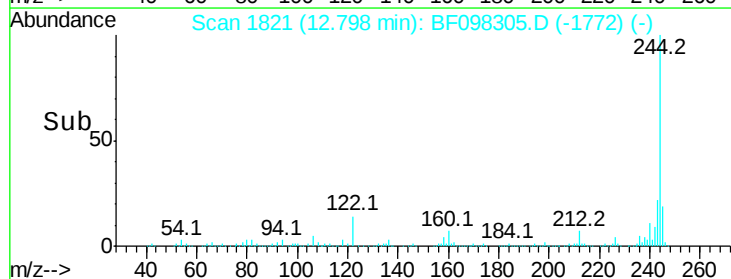
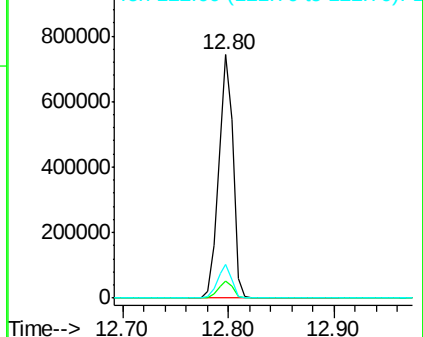
122 13.6 10.3 15.5

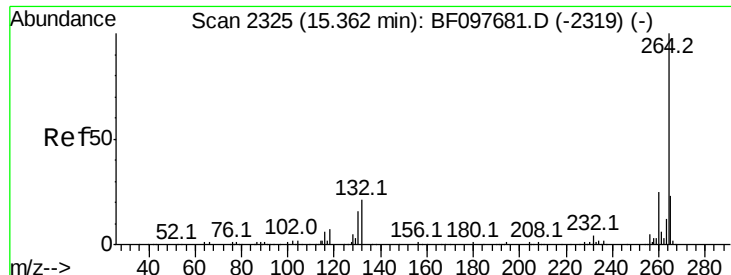


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

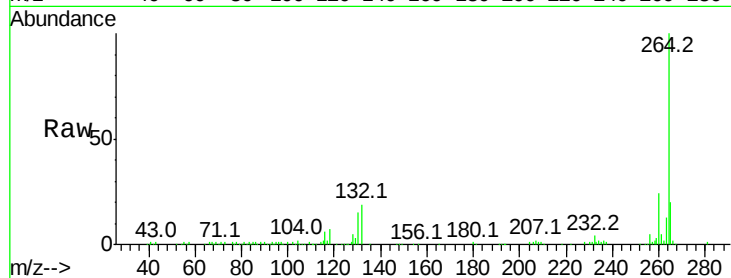




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098305.D
 Acq: 7 Sep 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-D-M

Tot Ion: 264 Resp: 150678
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 19.9 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

