

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098310.D
 Acq On : 7 Sep 2017 9:16
 Operator : SJ/JU
 Sample : I5089-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Sep 07 15:26:17 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	105486	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	400776	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	154734	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	255767	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	233100	20.00	ng	-0.02
86) Perylene-d12	15.26	264	156964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	300929	43.39	ng	0.00
7) Phenol-d6	6.33	99	299417	31.78	ng	-0.02
23) Nitrobenzene-d5	7.26	82	691279	93.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	103772	77.29	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	977232	92.79	ng	-0.01
78) Terphenyl-d14	12.80	244	720442	64.45	ng	-0.01

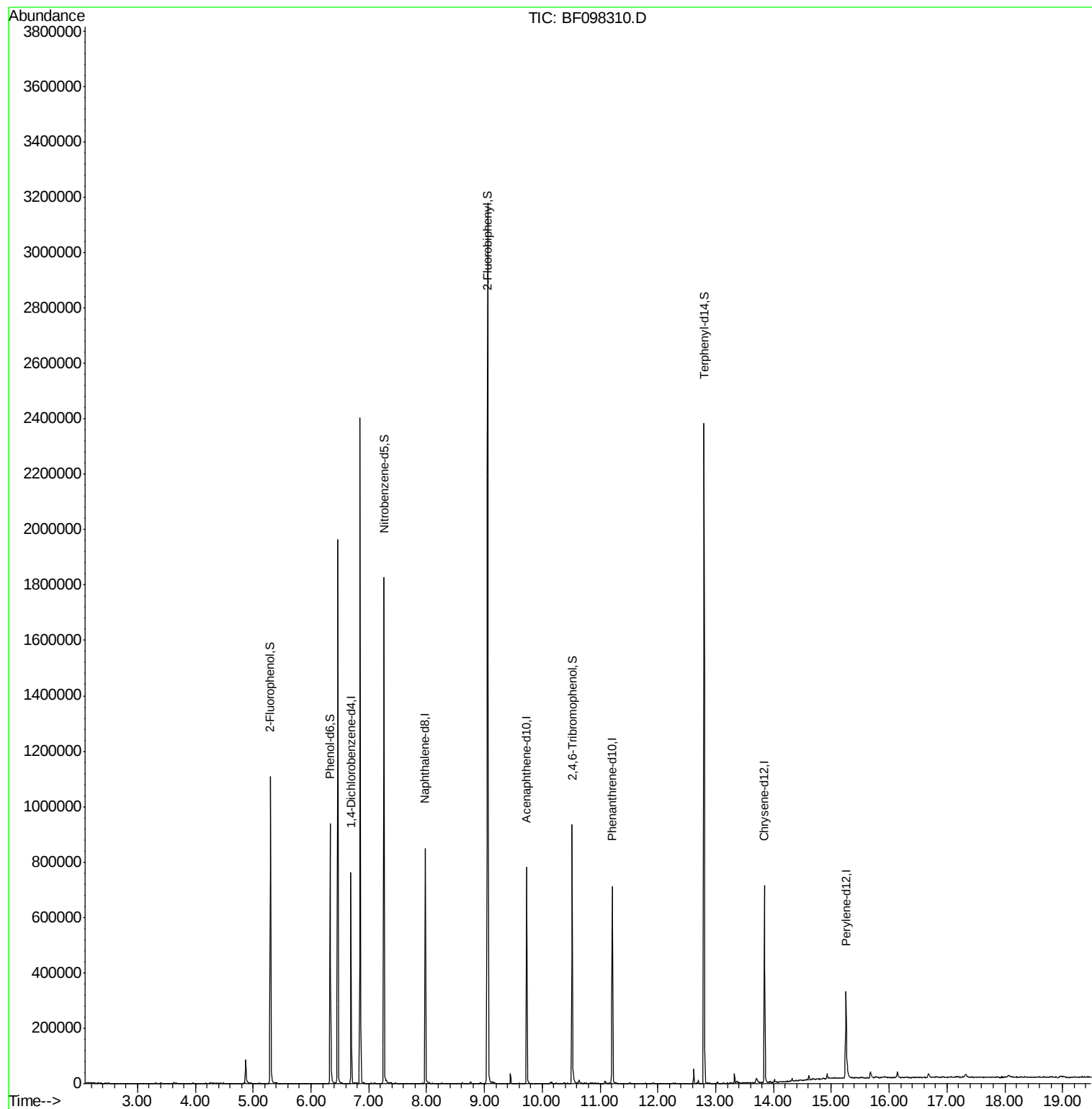
Target Compounds Qvalue

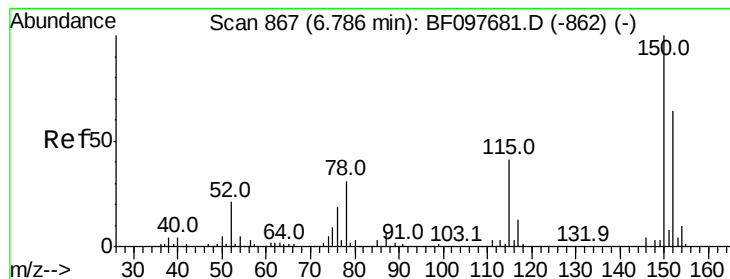
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF098310.D

Acq: 7 Sep 2017 9:16

Instrument :

BNA_F

ClientSampleId :

083117-TIDO-E-U-M

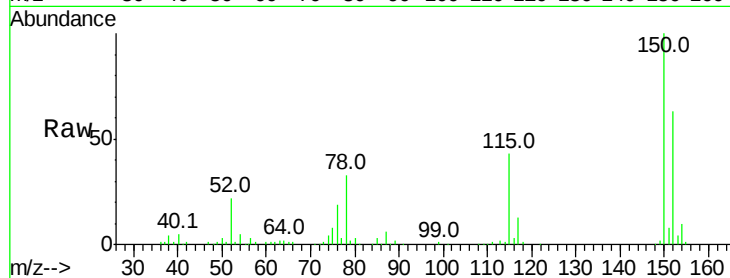
Tot Ion:152 Resp: 105486

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

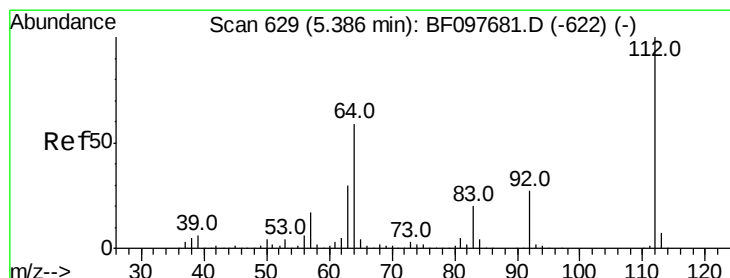
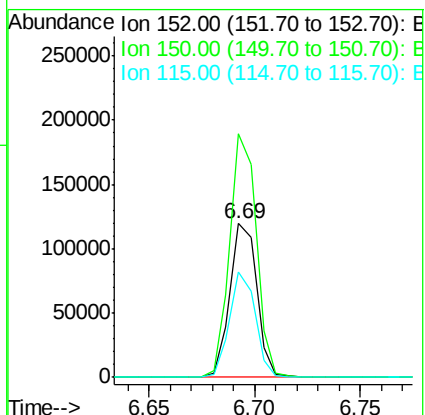
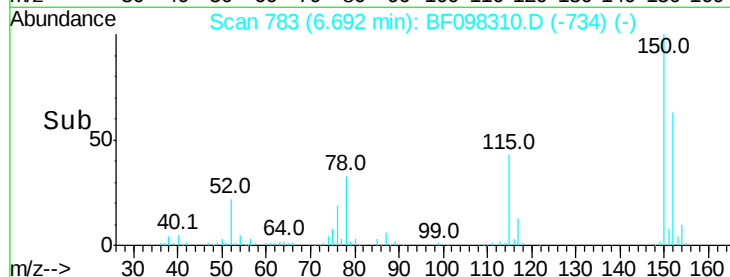
115 68.3 52.2 78.2



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: 43.393 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF098310.D

Acq: 7 Sep 2017 9:16

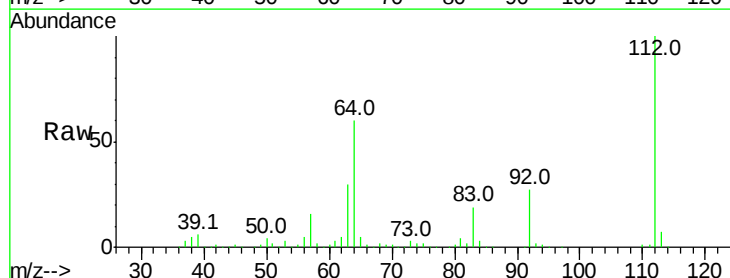
Tgt Ion:112 Resp: 300929

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

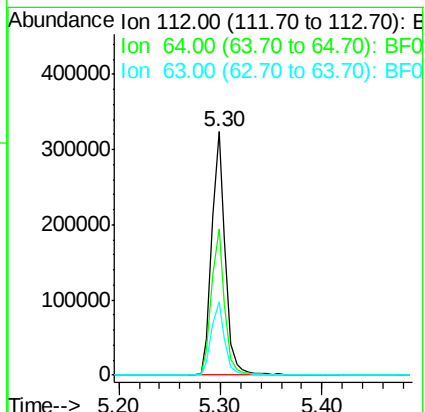
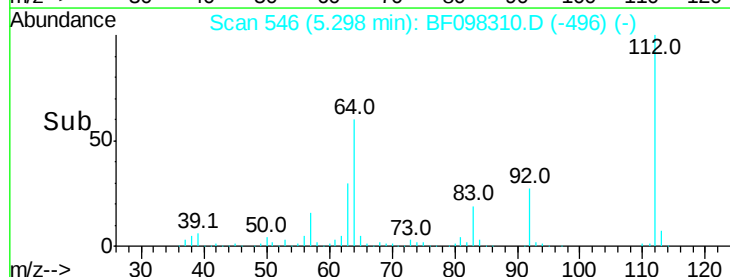
63 30.4 23.4 35.0

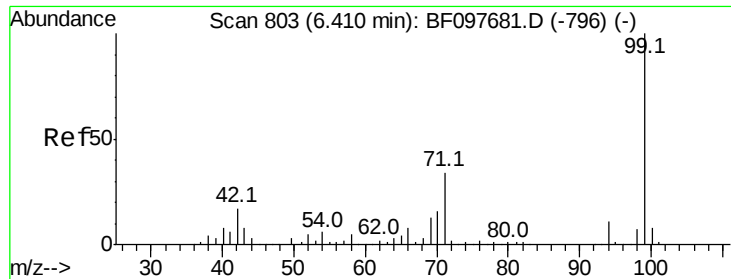


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.776 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098310.D

Acq: 7 Sep 2017 9:16

Instrument :

BNA_F

ClientSampleId :

083117-TIDO-E-U-M

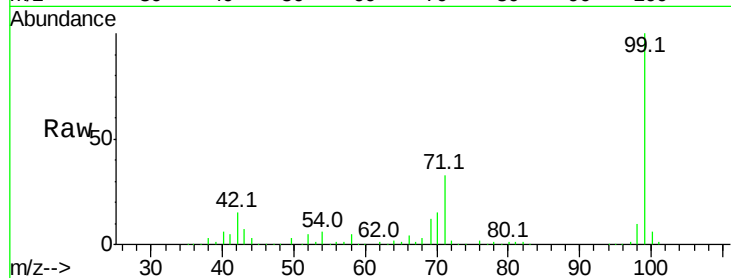
Tot Ion: 99 Resp: 299417

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

71 32.5 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

400000

300000

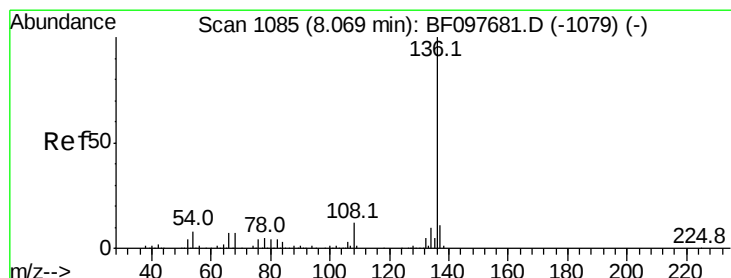
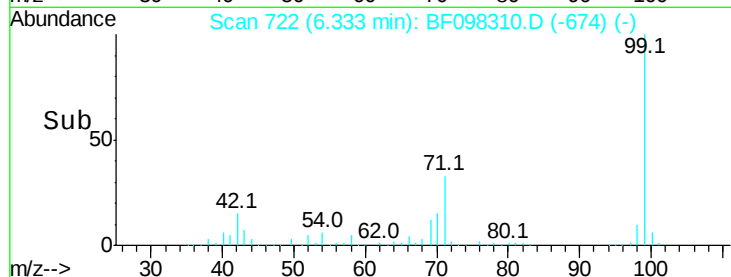
200000

100000

0

6.25 6.30 6.35 6.40 6.45

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098310.D

Acq: 7 Sep 2017 9:16

Tgt Ion: 136 Resp: 400776

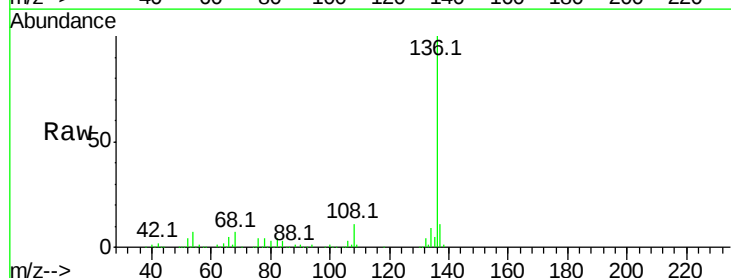
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.8 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

600000

500000

400000

300000

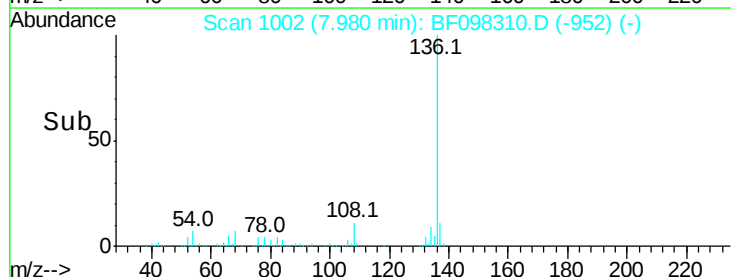
200000

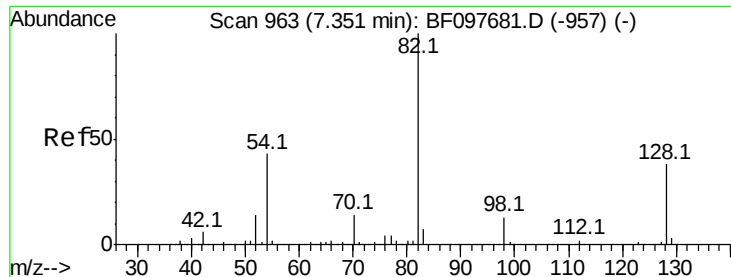
100000

0

7.90 8.00 8.10

Time-->

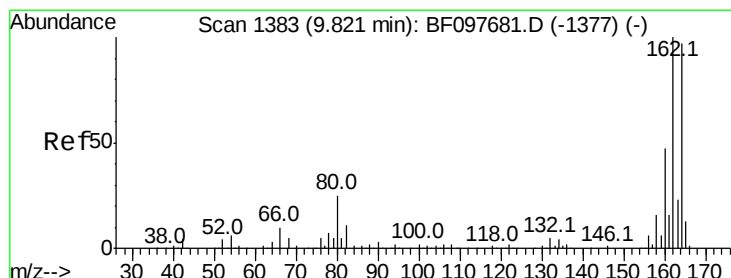
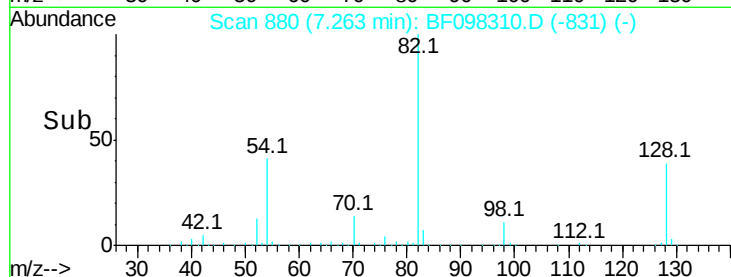
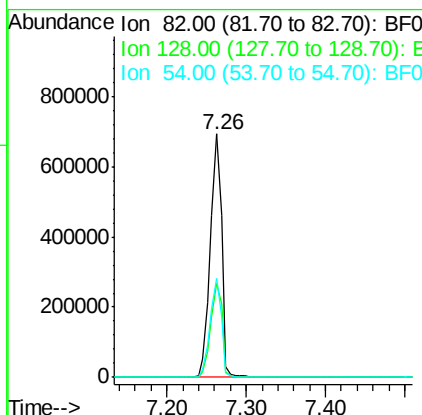
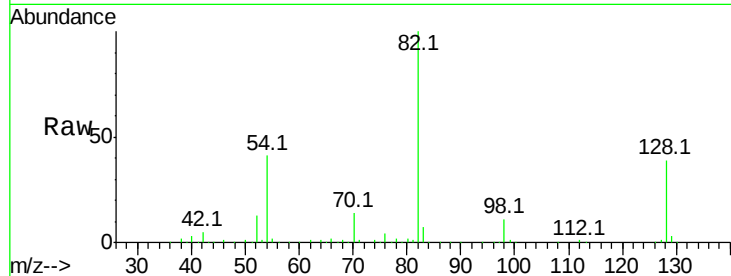




#23
 Nitrobenzene-d5
 Concen: 93.702 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098310.D
 Acq: 7 Sep 2017 9:16

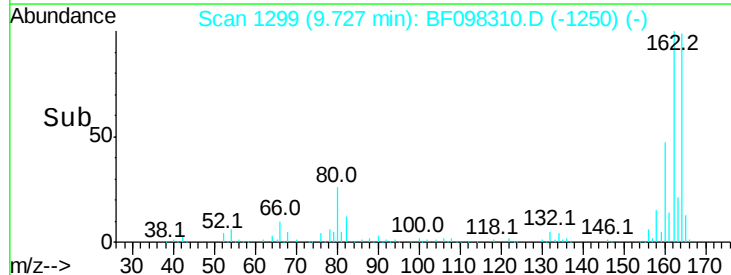
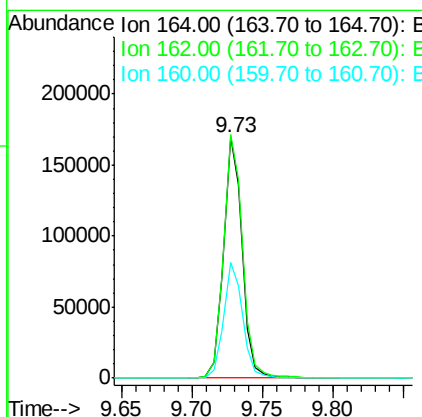
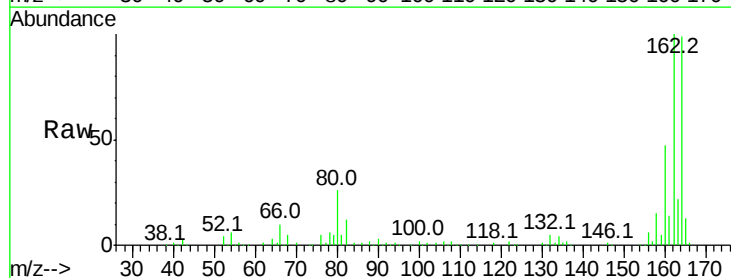
Instrument :
 BNA_F
 ClientSampleId :
 083117-TIDO-E-U-M

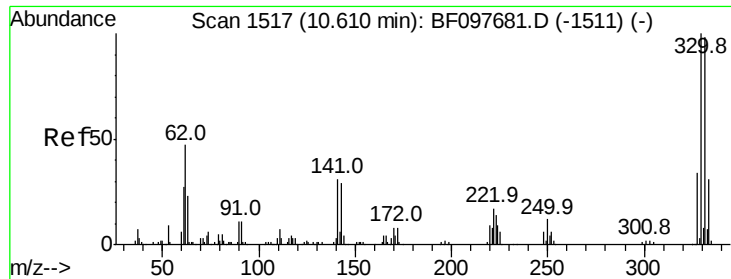
Tot Ion: 82 Resp: 691279
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.0 51.0
 54 40.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098310.D
 Acq: 7 Sep 2017 9:16

Tgt Ion:164 Resp: 154734
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 47.8 36.2 54.2

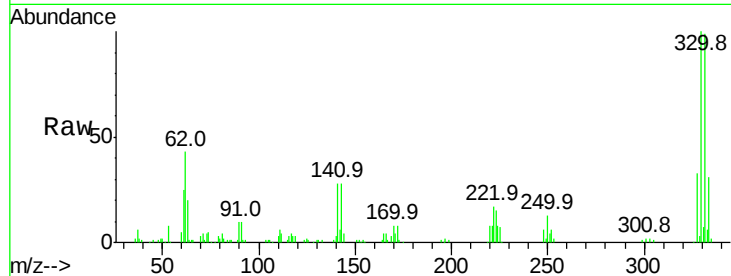




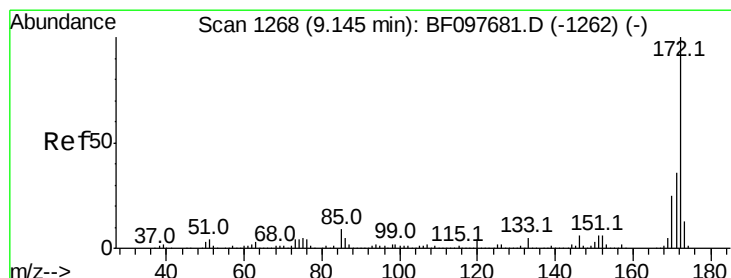
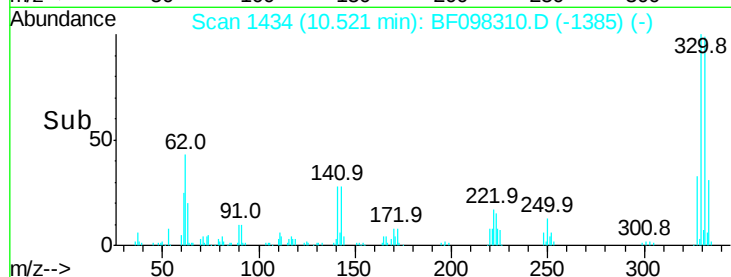
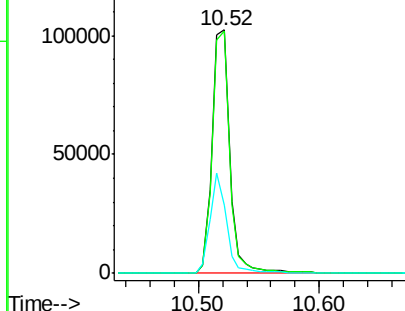
#41
 2,4,6-Tribromophenol
 Concen: 77.294 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098310.D
 Acq: 7 Sep 2017 9:16

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	38.2	31.4	47.2

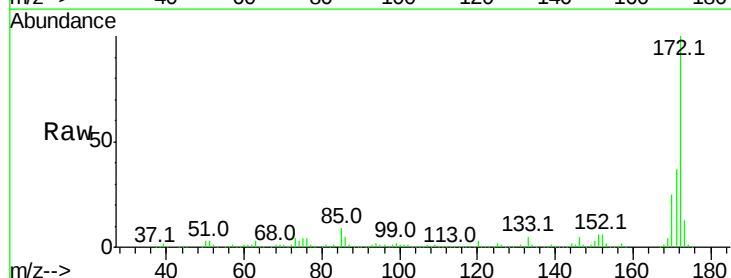


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

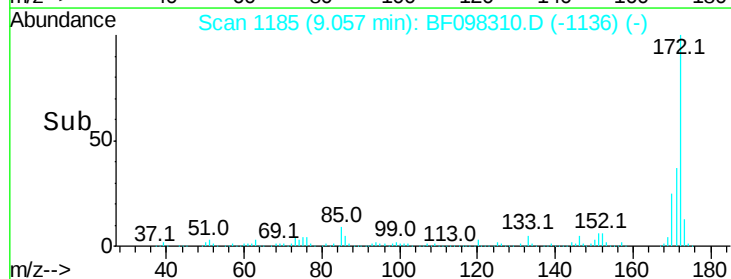
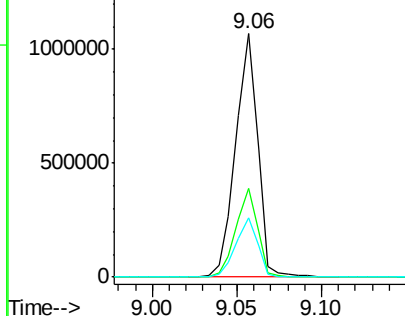


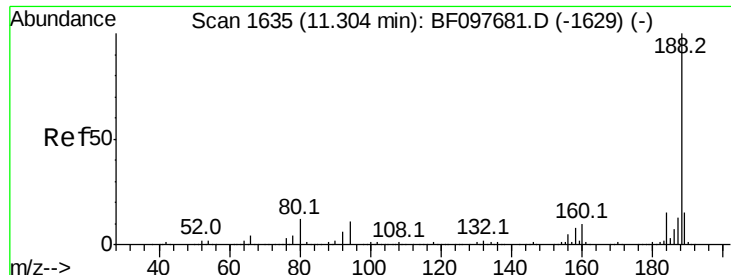
#44
 2-Fluorobiphenyl
 Concen: 92.789 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098310.D
 Acq: 7 Sep 2017 9:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	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: BF098310.D

Acq: 7 Sep 2017 9:16

Instrument :

BNA_F

ClientSampleId :

083117-TIDO-E-U-M

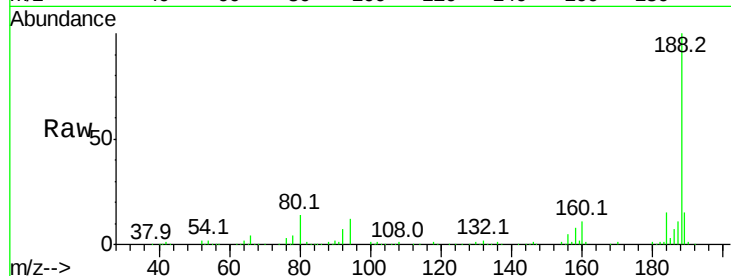
Tot Ion:188 Resp: 255767

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

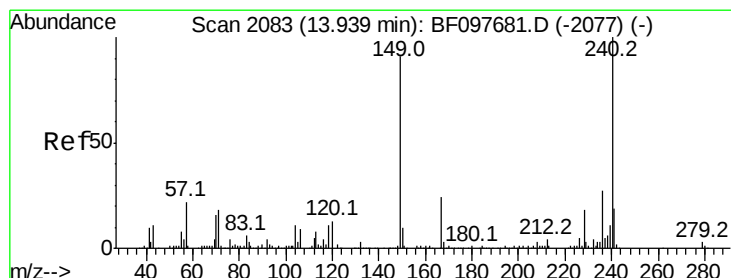
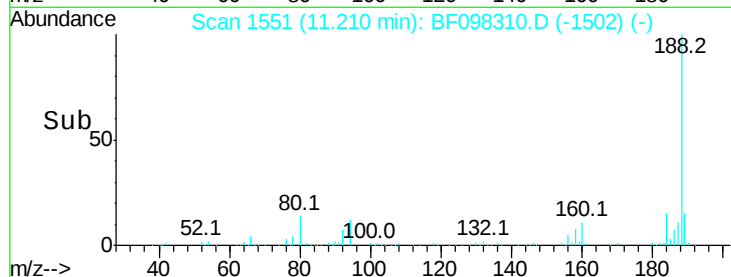
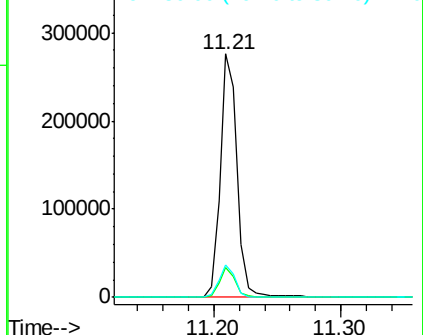
80 13.6 10.2 15.2



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: BF098310.D

Acq: 7 Sep 2017 9:16

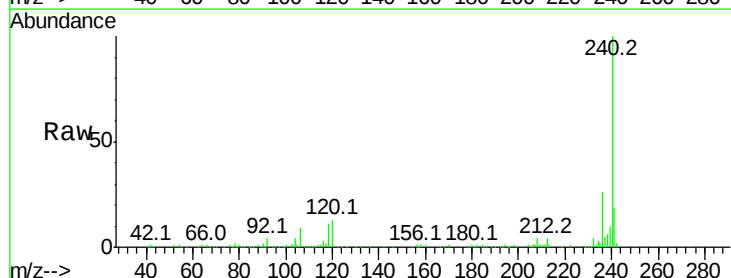
Tgt Ion:240 Resp: 233100

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

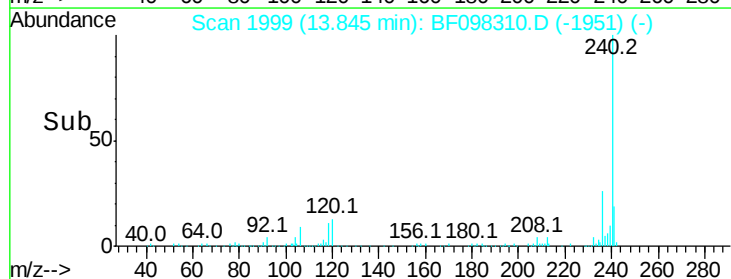
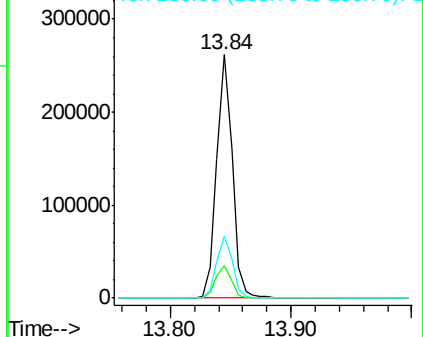
236 25.5 20.5 30.7

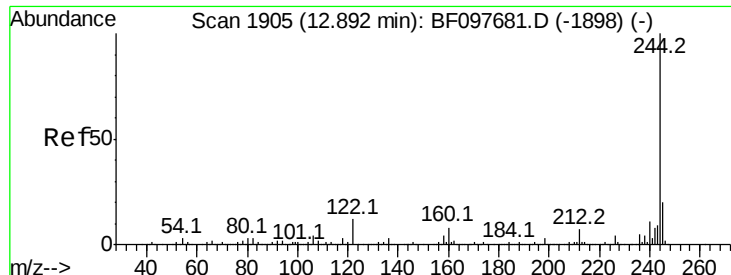


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.451 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098310.D

Acq: 7 Sep 2017 9:16

Instrument :

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ClientSampleId :

083117-TIDO-E-U-M

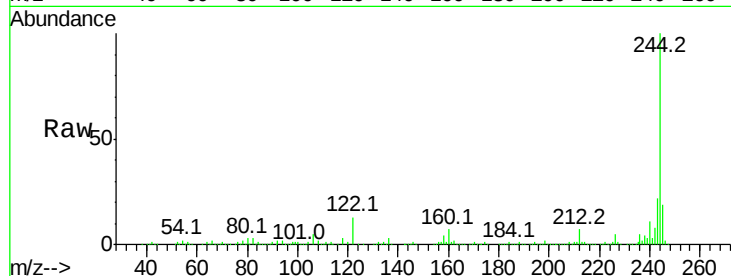
Tot Ion:244 Resp: 720442

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

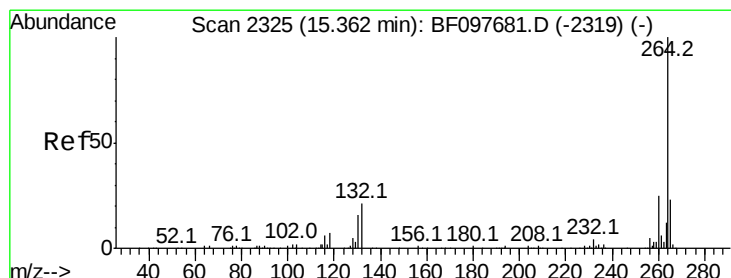
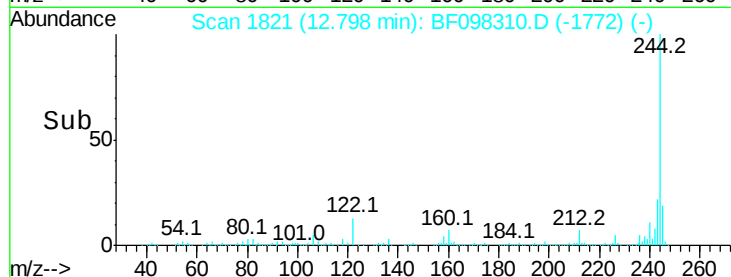
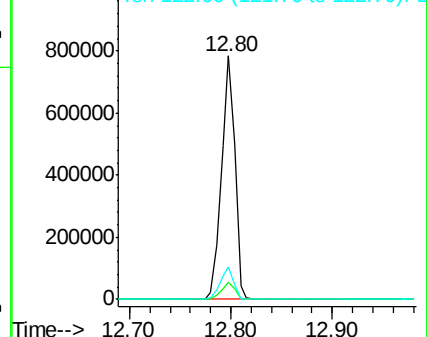
122 13.3 10.3 15.5



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: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098310.D

Acq: 7 Sep 2017 9:16

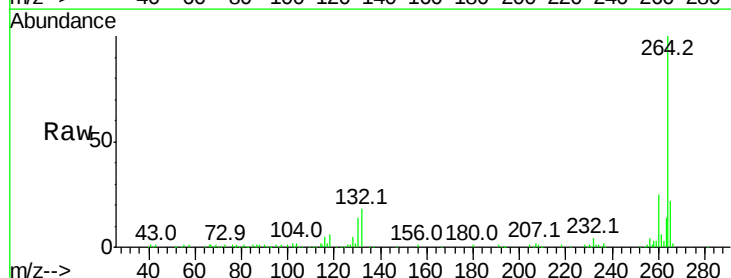
Tgt Ion:264 Resp: 156964

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 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

