

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099843.D
 Acq On : 26 Oct 2017 6:08
 Operator : SJ/JU
 Sample : I6057-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101917-TIDO-F-D-S

Quant Time: Oct 26 08:59:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

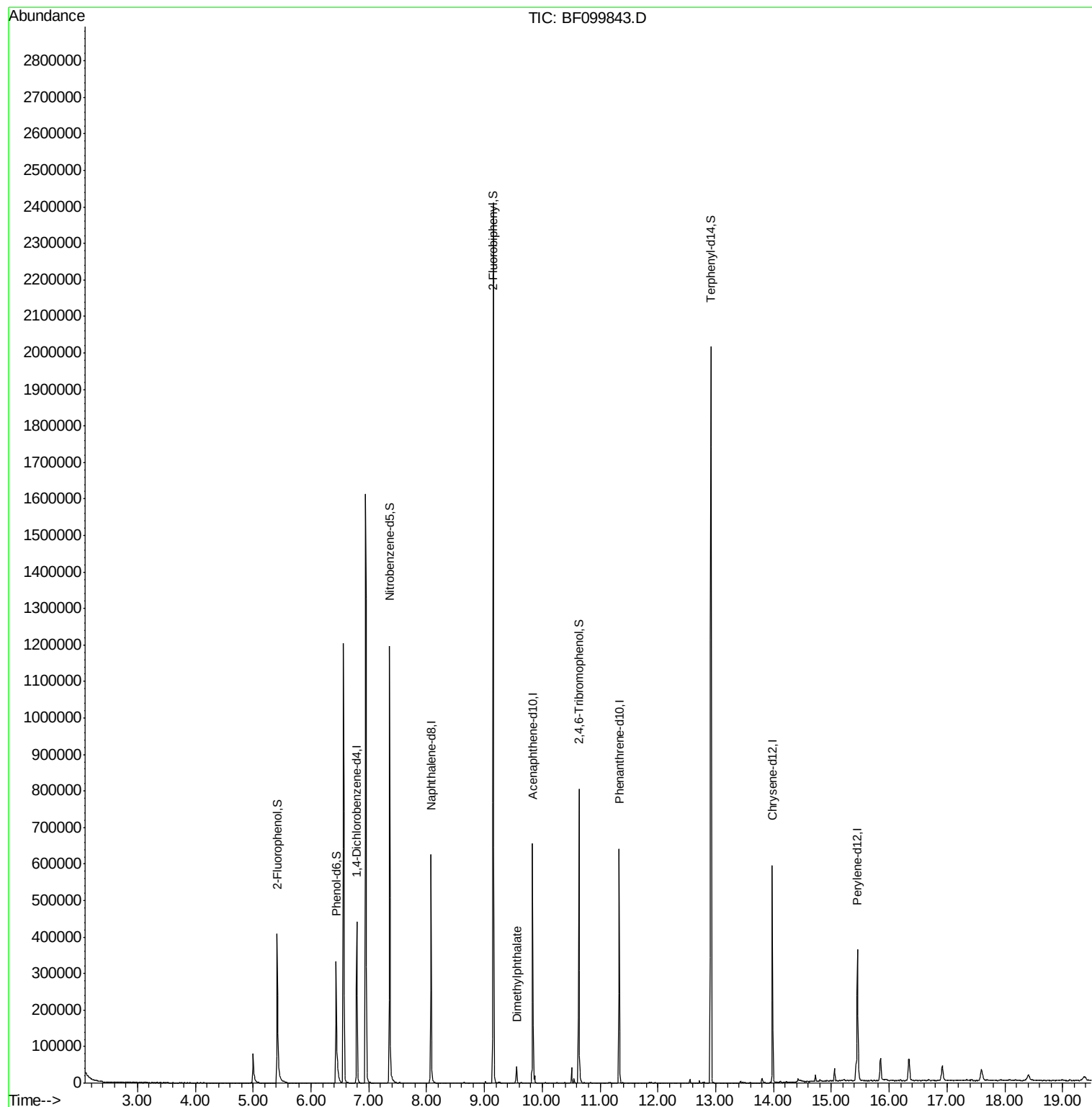
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	71275	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	295275	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	131370	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	235959	20.00	ng	0.00
75) Chrysene-d12	13.98	240	194685	20.00	ng	0.00
86) Perylene-d12	15.45	264	171030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	198256	43.67	ng	0.00
7) Phenol-d6	6.43	99	167635	31.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	390294	85.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	99490	83.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779897	91.59	ng	0.00
78) Terphenyl-d14	12.92	244	732422	82.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	24302	2.336	ng	96

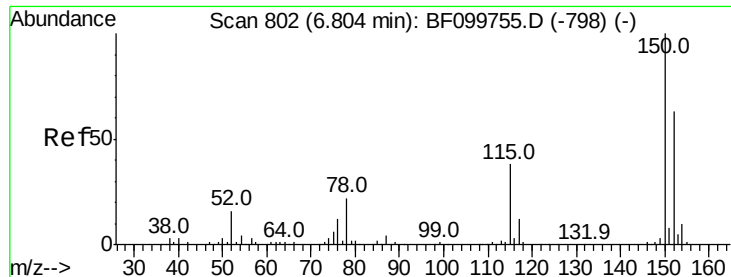
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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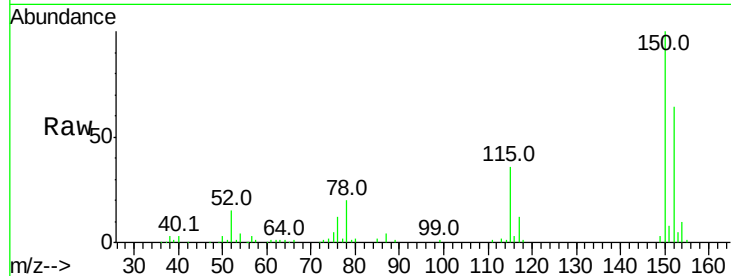


#1

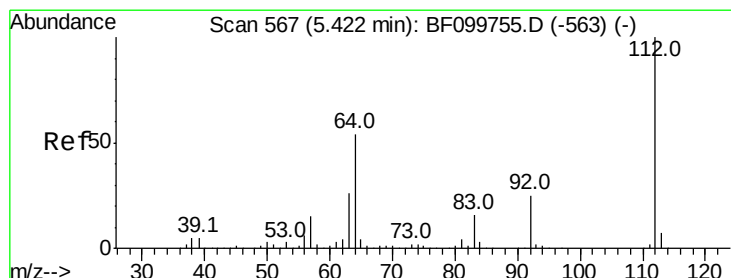
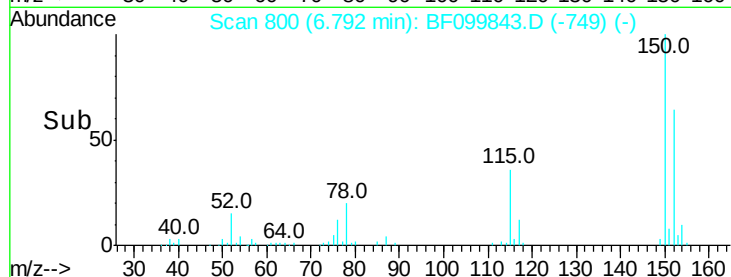
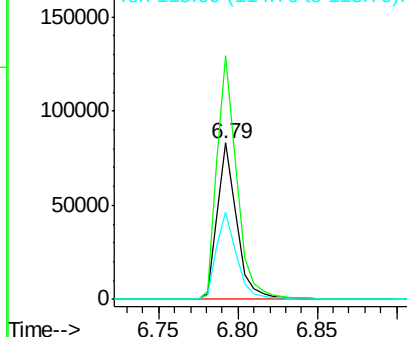
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Instrument :
BNA_F
ClientSampleId :
101917-TIDO-F-D-S

Tot Ion:152 Resp: 71275
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 56.3 50.1 75.1



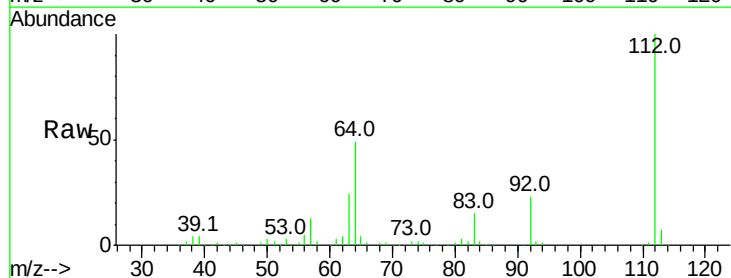
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



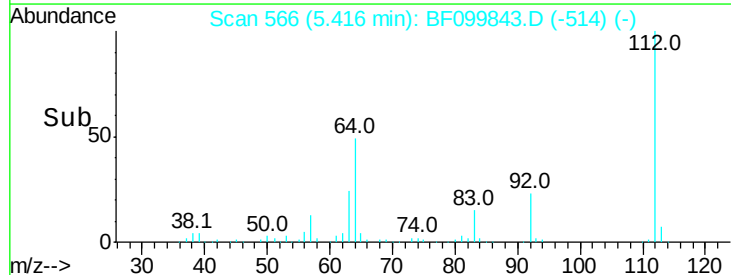
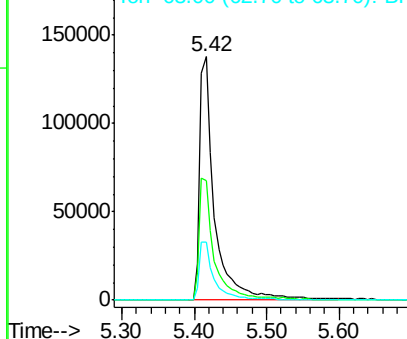
#5

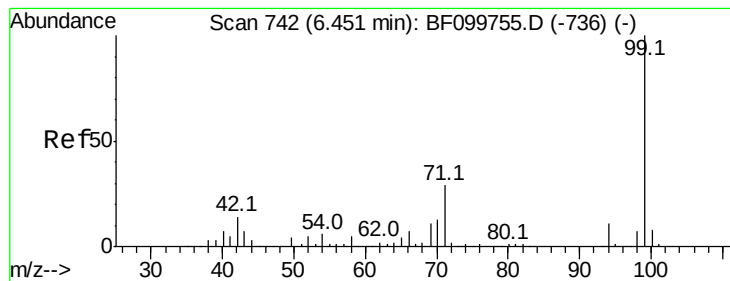
2-Fluorophenol
Concen: 43.670 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099843.D
Acq: 26 Oct 2017 6:08

Tgt Ion:112 Resp: 198256
Ion Ratio Lower Upper
112 100
64 49.0 47.9 71.9
63 23.8 23.7 35.5



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: 31.141 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Instrument :

BNA_F

ClientSampleId :

101917-TIDO-F-D-S

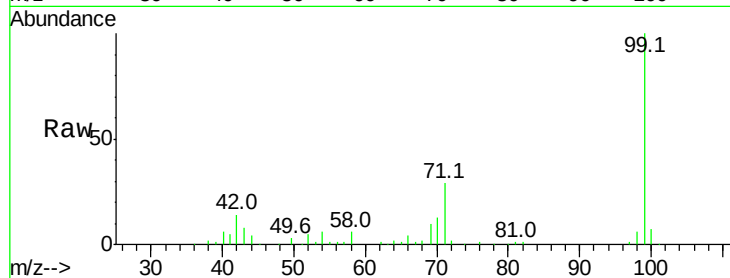
Tot Ion: 99 Resp: 167635

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

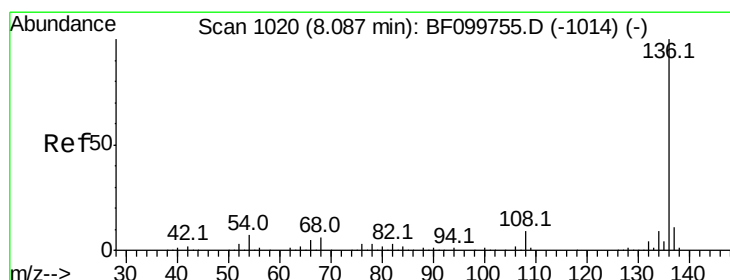
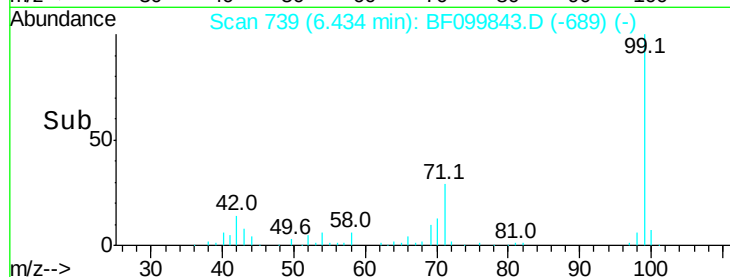
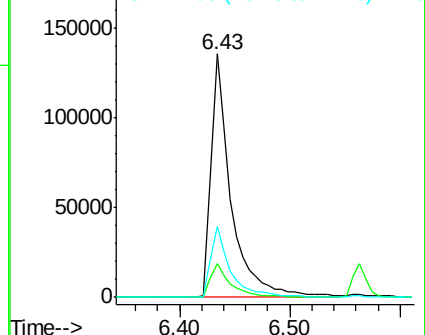
71 29.1 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Tgt Ion: 136 Resp: 295275

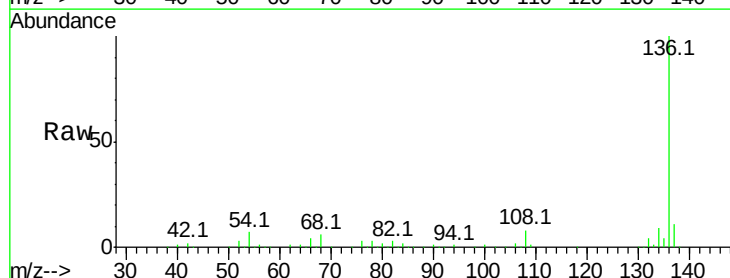
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4

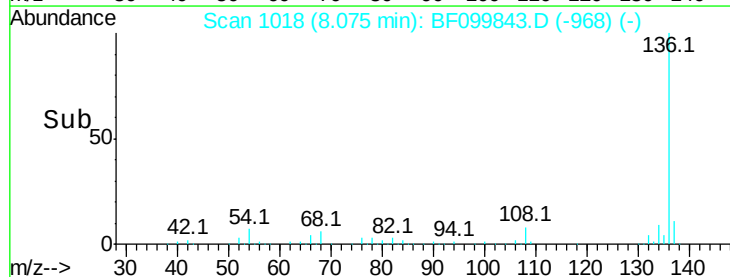
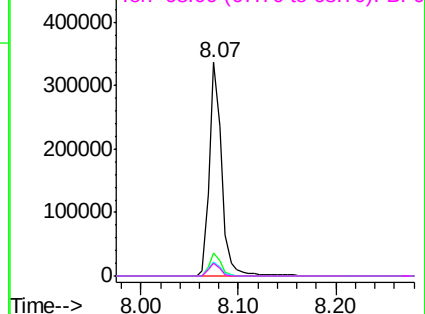


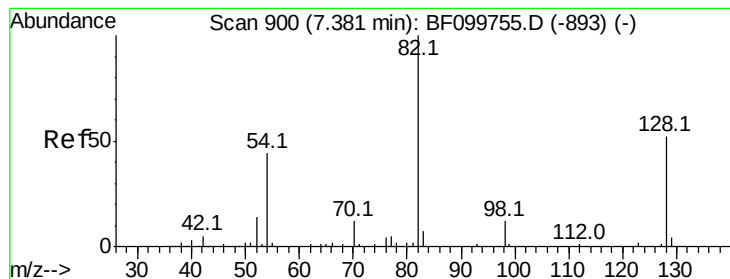
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 85.098 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Instrument :

BNA_F

ClientSampleId :

101917-TIDO-F-D-S

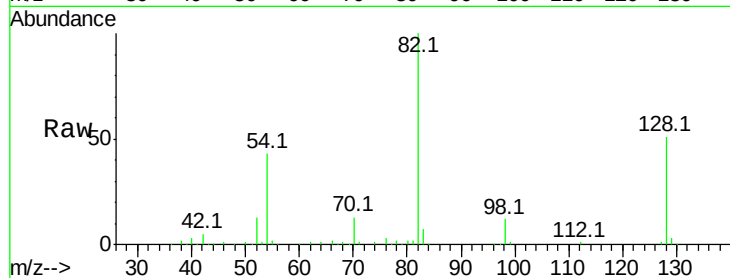
Tot Ion: 82 Resp: 390294

Ion Ratio Lower Upper

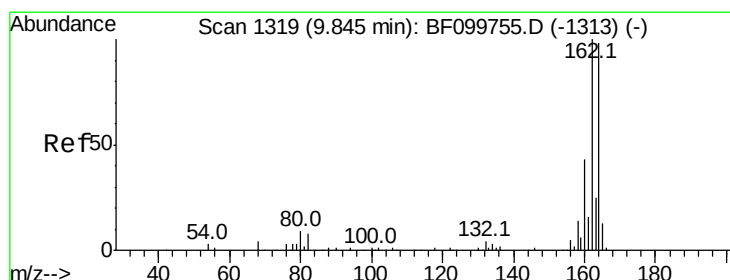
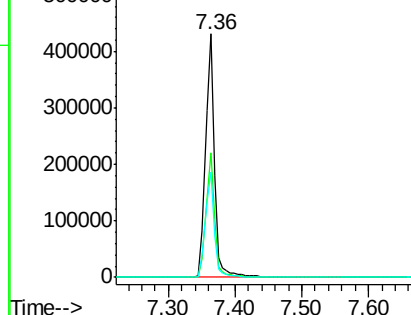
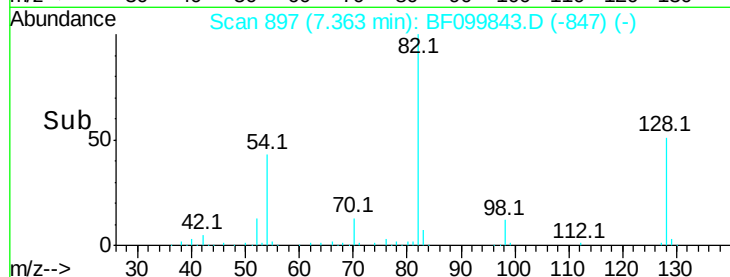
82 100

128 51.0 36.1 54.1

54 43.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

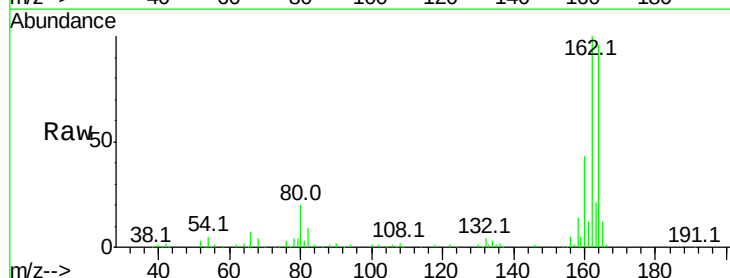
Tgt Ion: 164 Resp: 131370

Ion Ratio Lower Upper

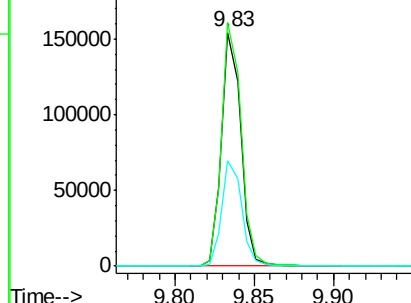
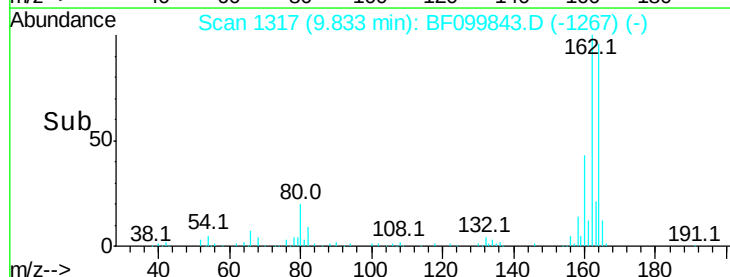
164 100

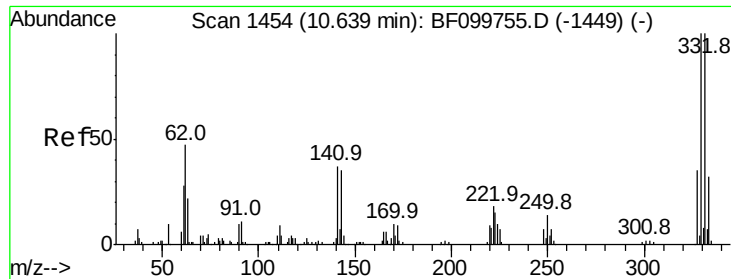
162 104.1 86.1 129.1

160 44.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

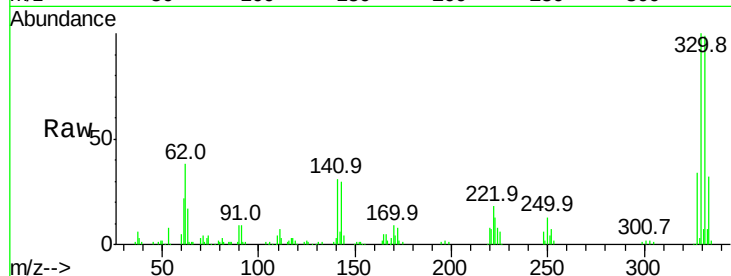




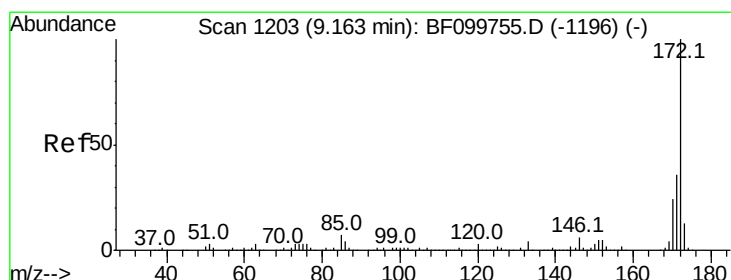
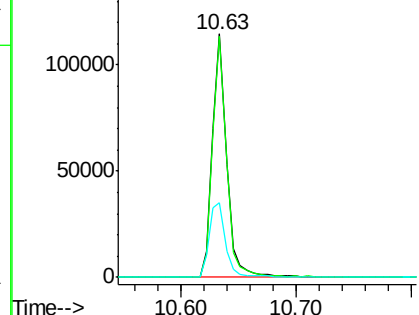
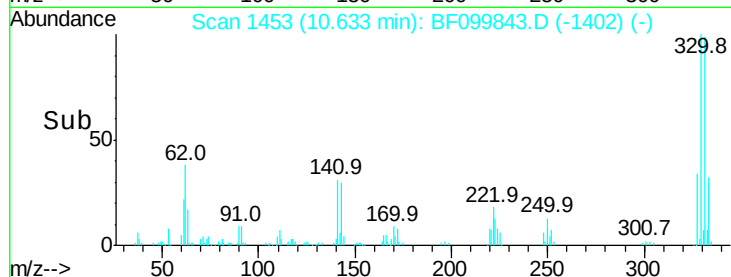
#41
 2,4,6-Tribromophenol
 Concen: 83.102 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Instrument :
 BNA_F
 ClientSampleId :
 101917-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.6	29.9	44.9

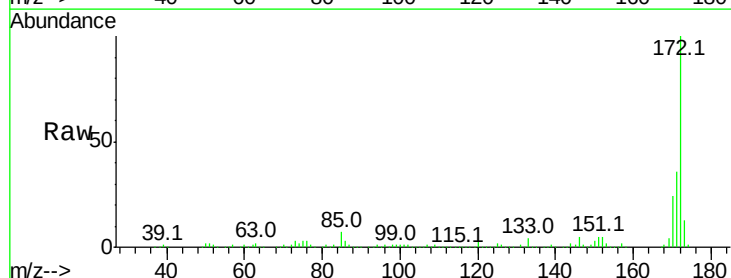


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

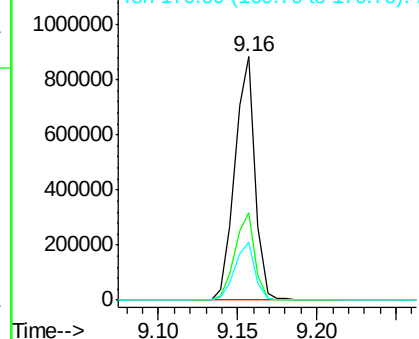
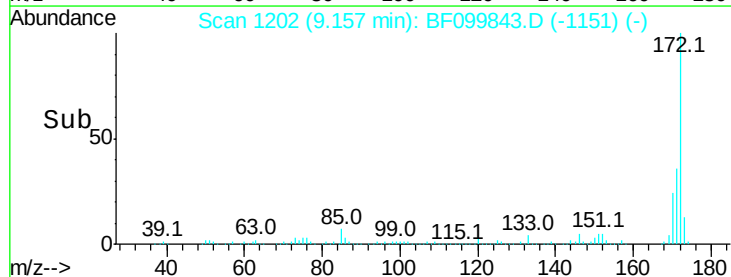


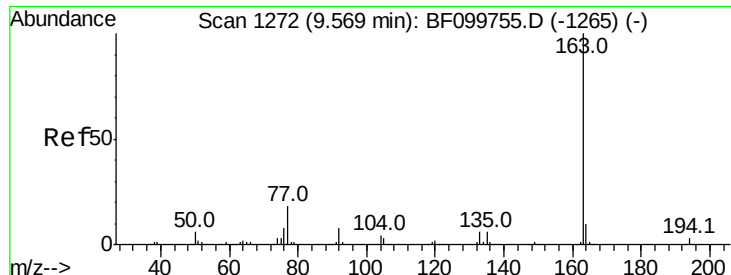
#44
 2-Fluorobiphenyl
 Concen: 91.593 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	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





#49

Dimethylphthalate

Concen: 2.336 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Instrument :

BNA_F

ClientSampleId :

101917-TIDO-F-D-S

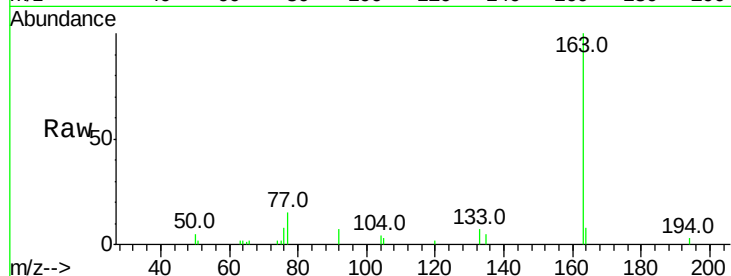
Tot Ion:163 Resp: 24302

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

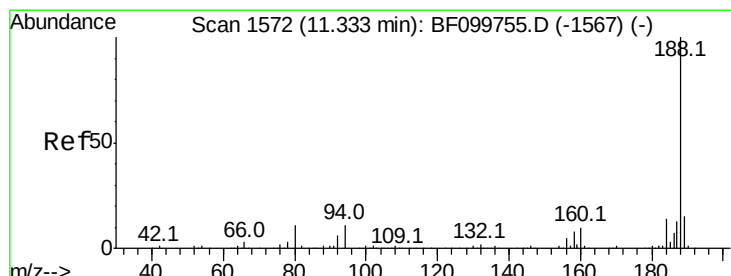
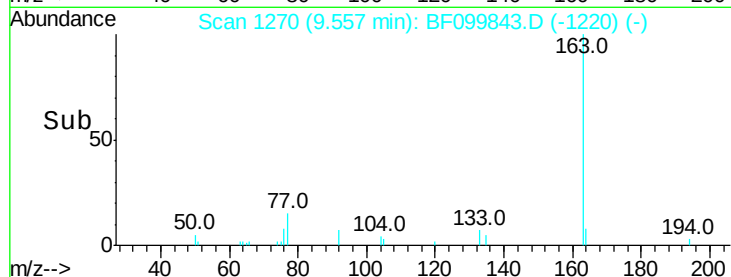
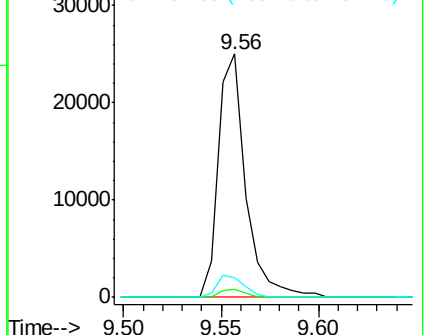
164 8.3 8.2 12.2



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: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

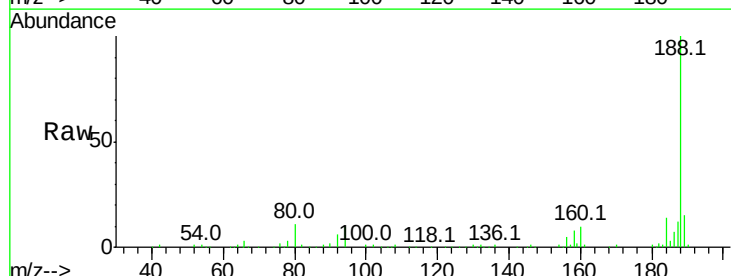
Tgt Ion:188 Resp: 235959

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

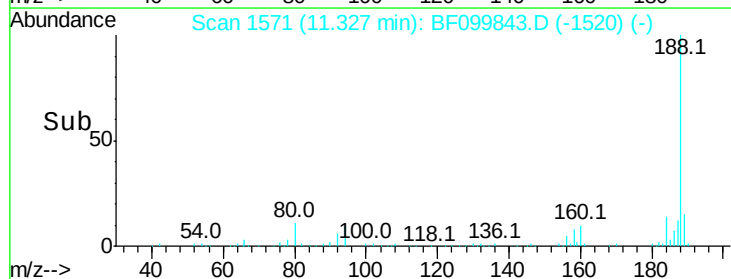
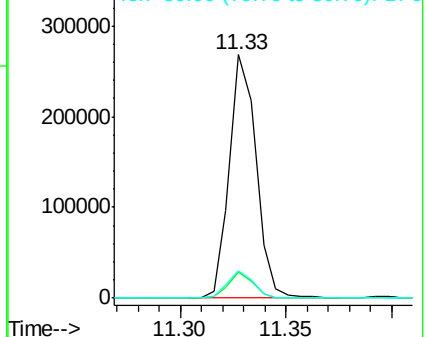
80 11.1 9.2 13.8

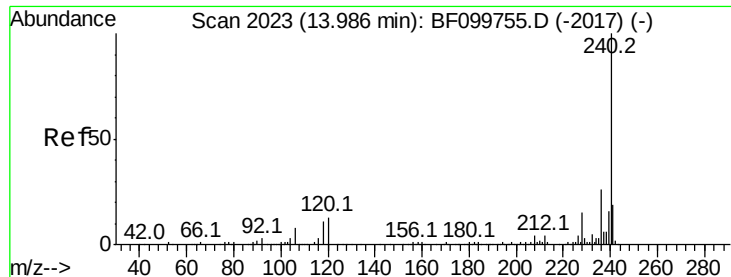


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

Instrument :

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ClientSampleId :

101917-TIDO-F-D-S

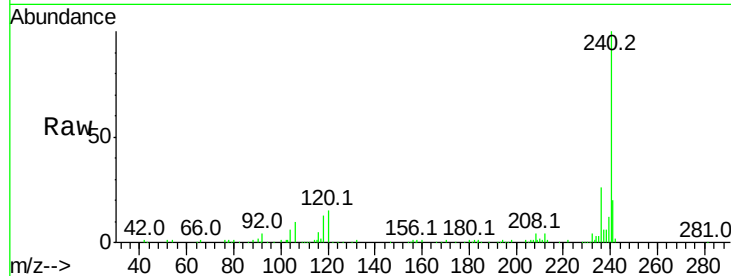
Tot Ion:240 Resp: 194685

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

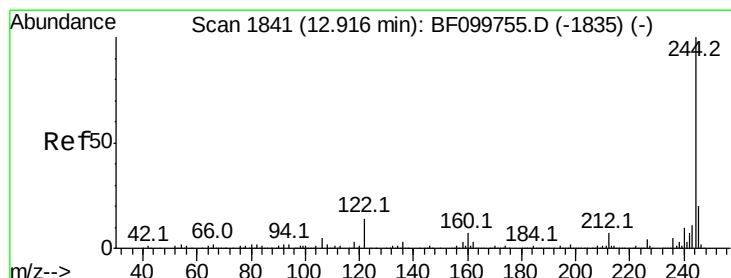
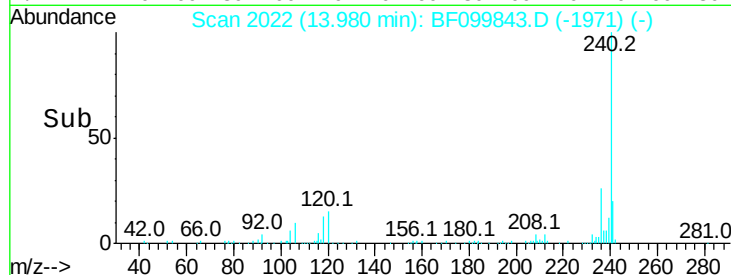
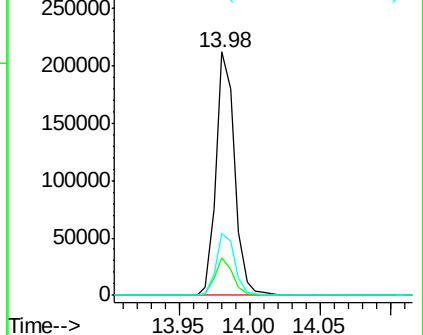
236 25.5 20.7 31.1



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: 82.216 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF099843.D

Acq: 26 Oct 2017 6:08

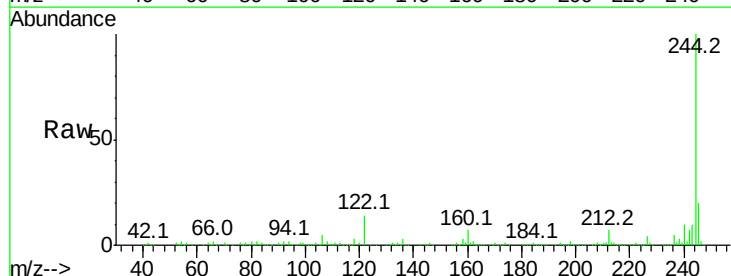
Tgt Ion:244 Resp: 732422

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

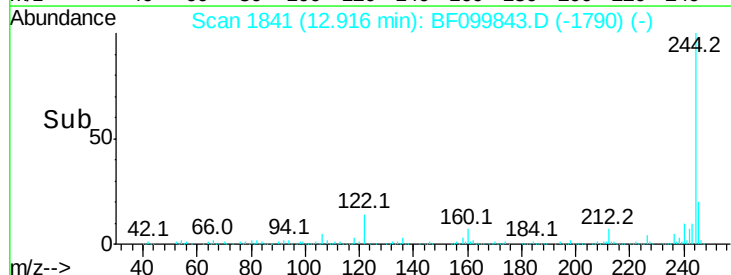
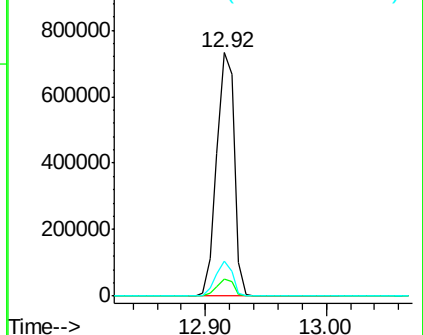
122 14.1 11.0 16.4

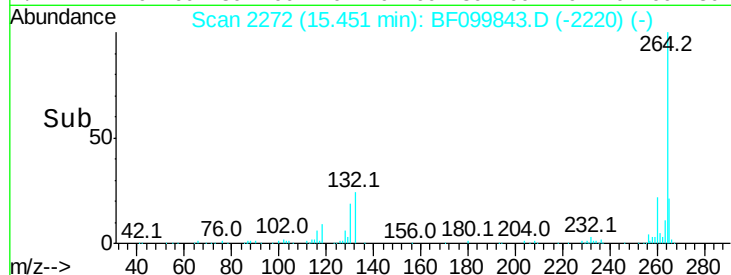
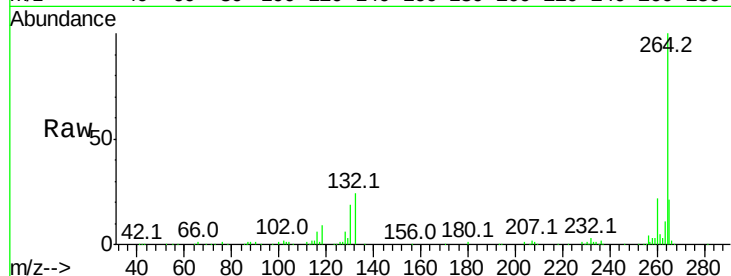
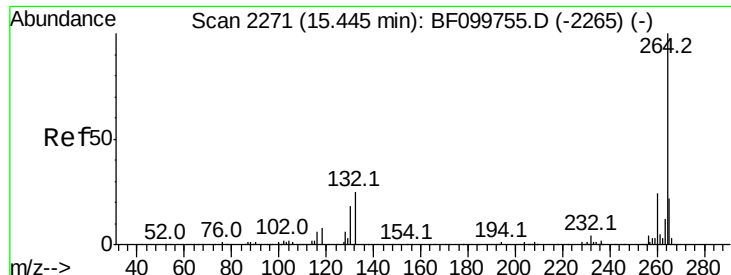


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099843.D
 Acq: 26 Oct 2017 6:08

Instrument :
 BNA_F
 ClientSampleId :
 101917-TIDO-F-D-S

Tot Ion:	264	Resp:	171030
Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.5	17.5	26.3

