

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099680.D
 Acq On : 20 Oct 2017 2:01
 Operator : SJ/JU
 Sample : I5968-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-D-S

Quant Time: Oct 20 13:48:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

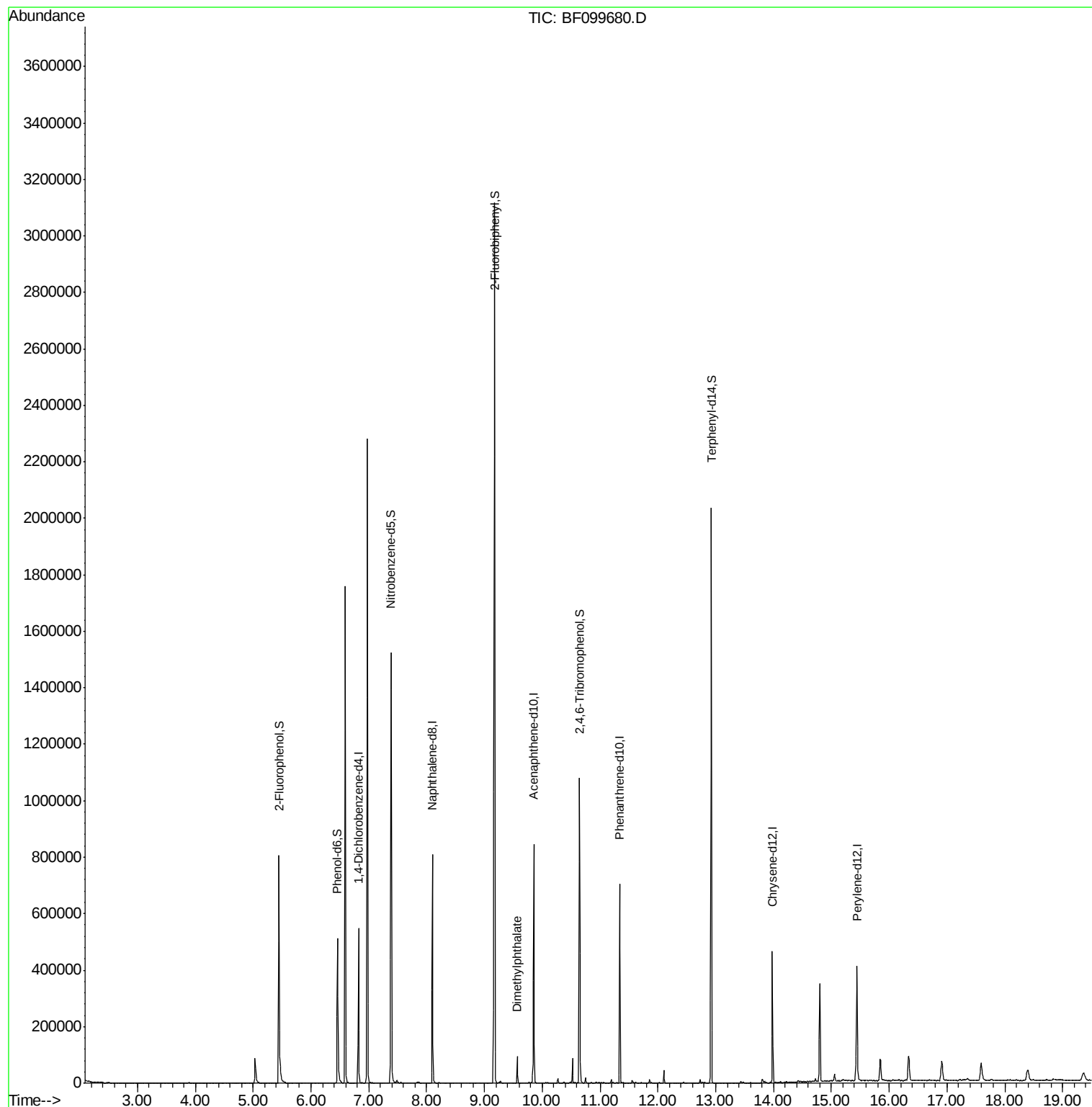
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94230	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	377730	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	160756	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	234648	20.00	ng	0.00
75) Chrysene-d12	13.98	240	159635	20.00	ng	0.00
86) Perylene-d12	15.44	264	173772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	270252	45.66	ng	0.00
7) Phenol-d6	6.46	99	193707	26.53	ng	0.00
23) Nitrobenzene-d5	7.39	82	597585	101.46	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	121362	92.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1095941	113.81	ng	0.00
78) Terphenyl-d14	12.92	244	686875	97.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	40929	3.373	ng	99

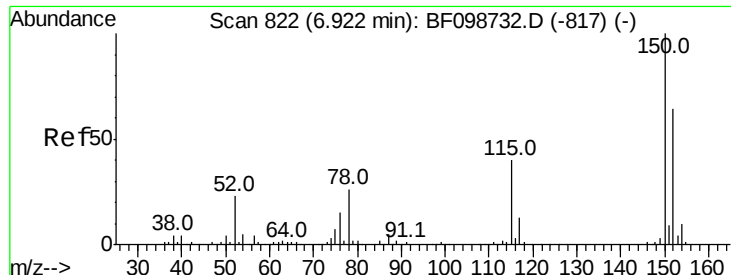
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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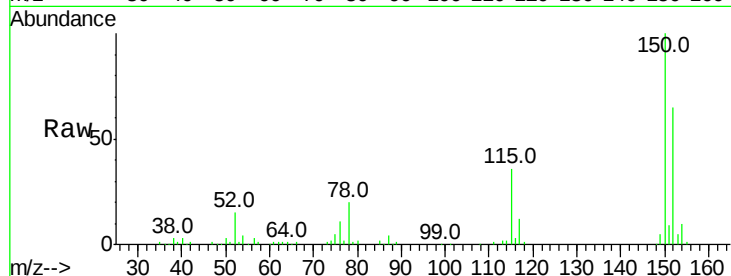


#1

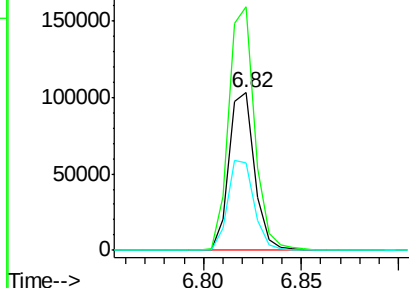
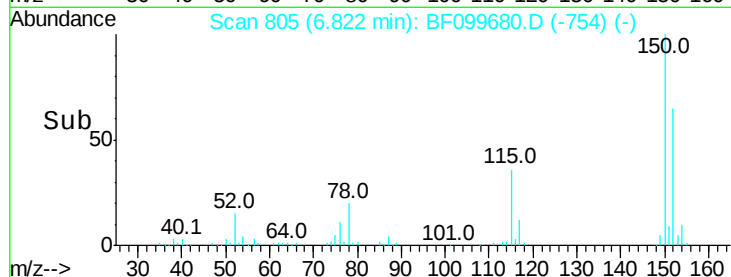
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-D-S

Tot Ion:152 Resp: 94230
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 55.2 50.1 75.1



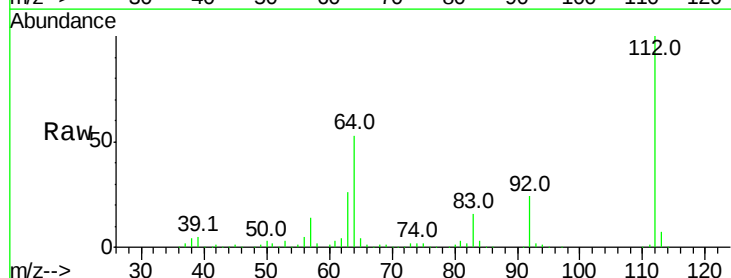
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



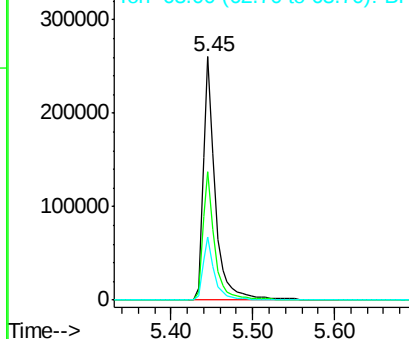
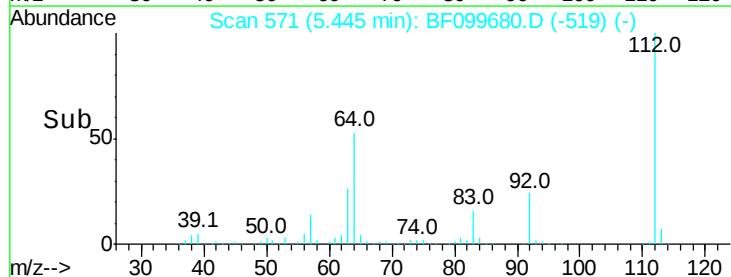
#5

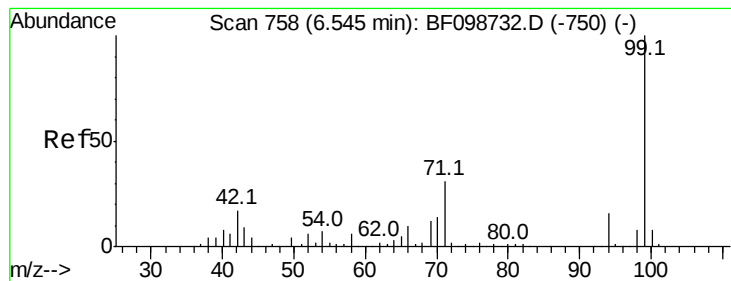
2-Fluorophenol
 Concen: 45.656 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Tgt Ion:112 Resp: 270252
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.8 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: 26.527 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099680.D

Acq: 20 Oct 2017 2:01

Instrument :

BNA_F

ClientSampleId :

101717-TIDO-F-D-S

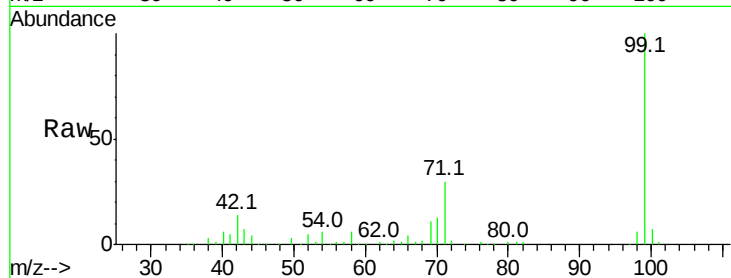
Tot Ion: 99 Resp: 193707

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

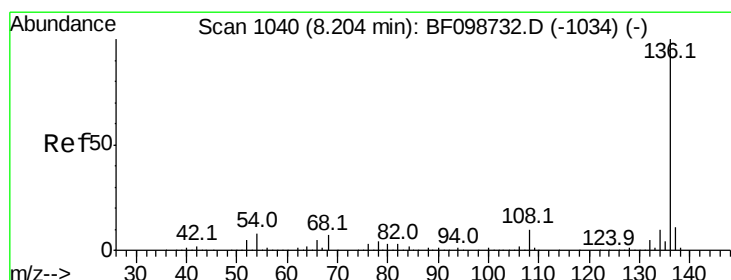
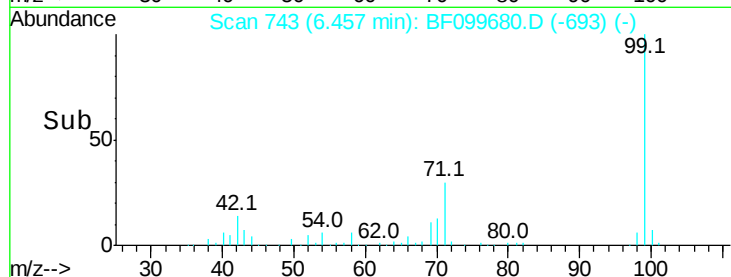
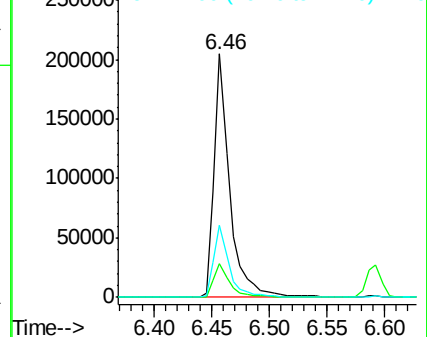
71 29.6 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099680.D

Acq: 20 Oct 2017 2:01

Tgt Ion:136 Resp: 377730

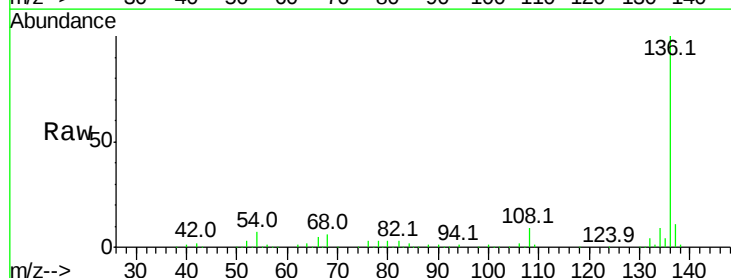
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

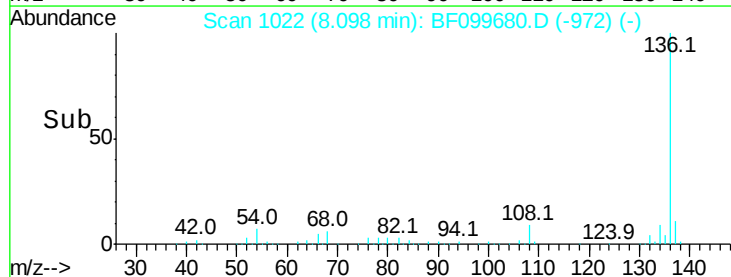
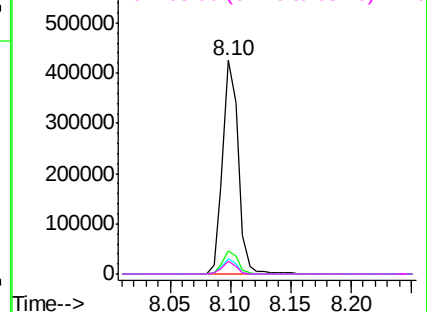


Abundance Ion 136.00 (135.70 to 136.70): E

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

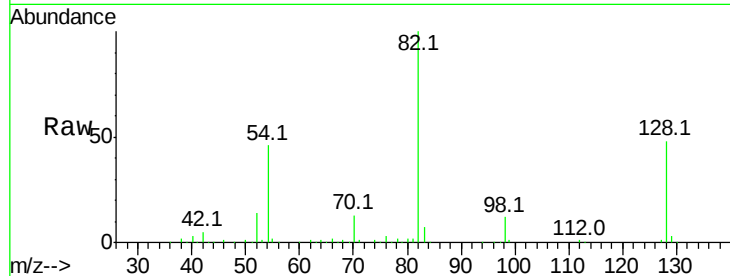




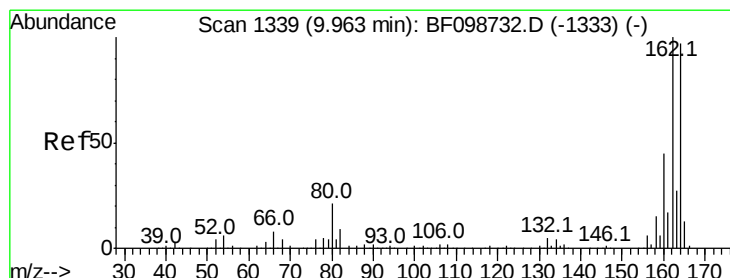
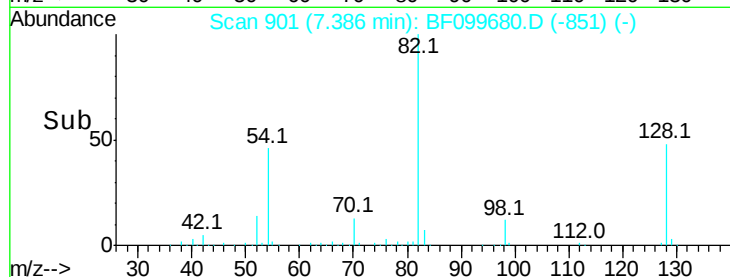
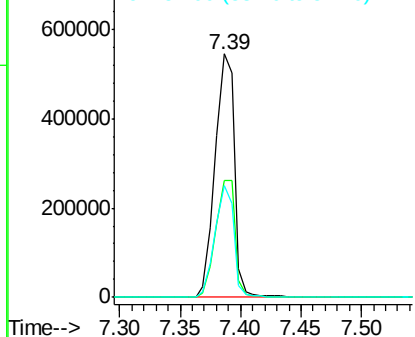
#23
 Nitrobenzene-d5
 Concen: 101.457 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-D-S

Tot Ion	82	Resp	597585
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	45.7	41.4	62.2

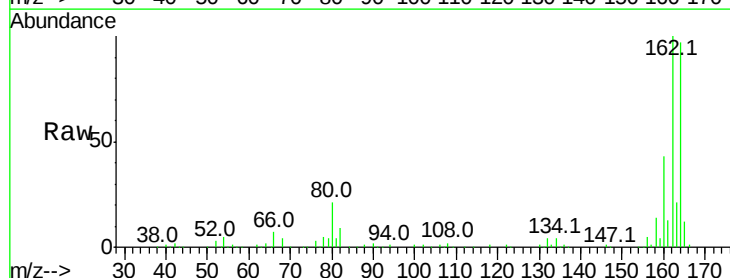


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

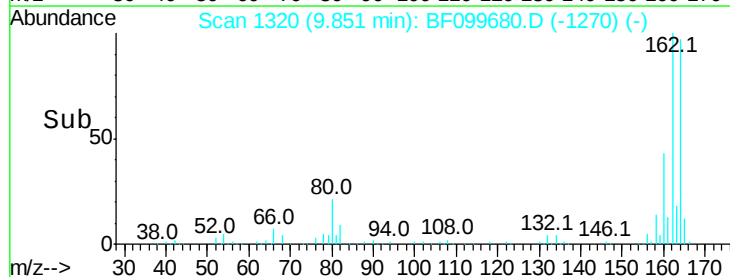
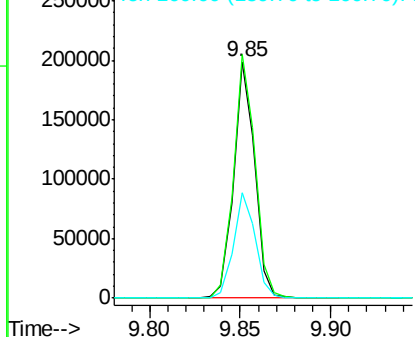


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Tgt Ion	164	Resp	160756
Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.6	38.3	57.5



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

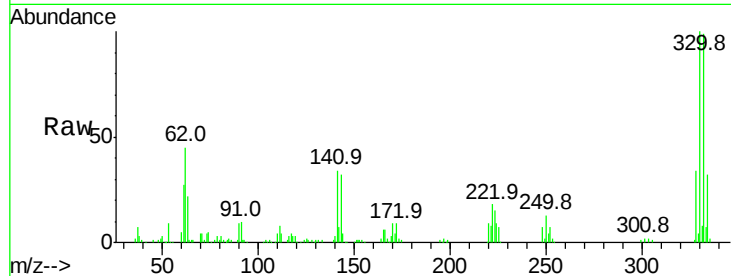




#41
 2,4,6-Tribromophenol
 Concen: 92.261 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	36.6	29.9	44.9

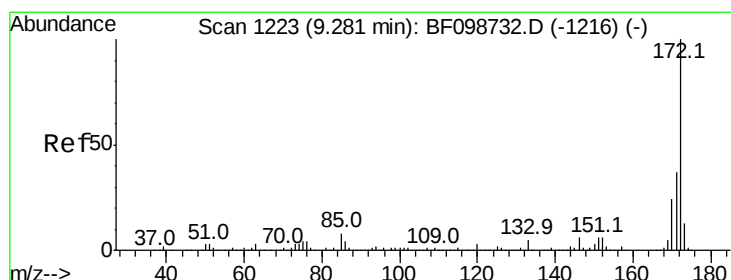
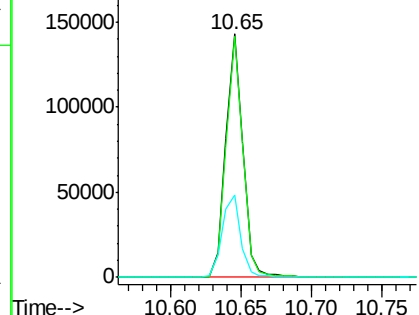
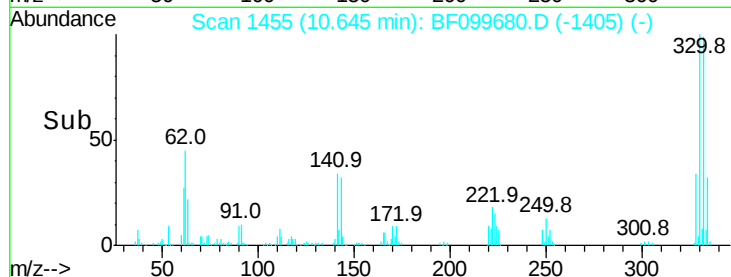


Abundance

Ion 329.80 (329.50 to 330.50): E

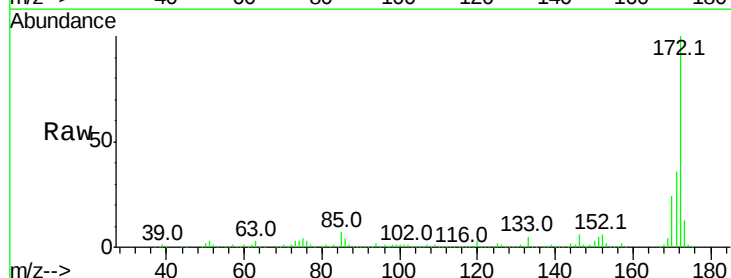
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.811 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

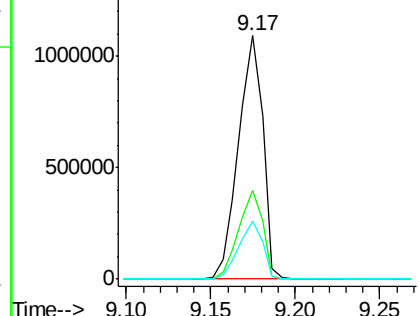
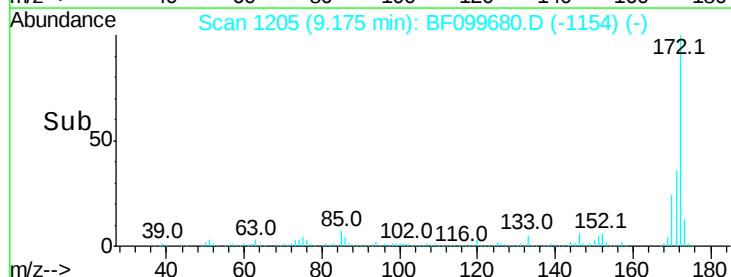


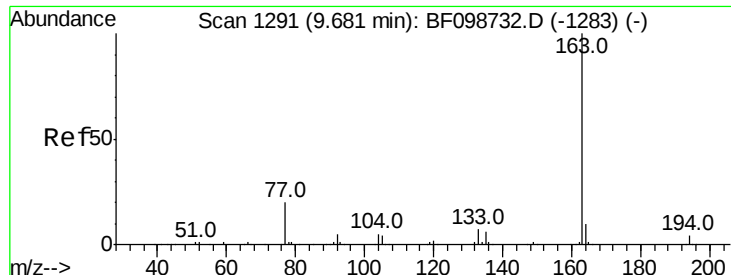
Abundance

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

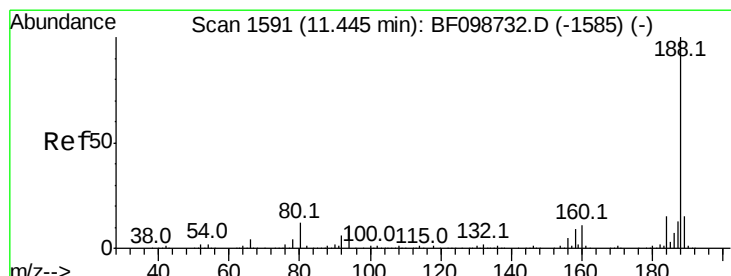
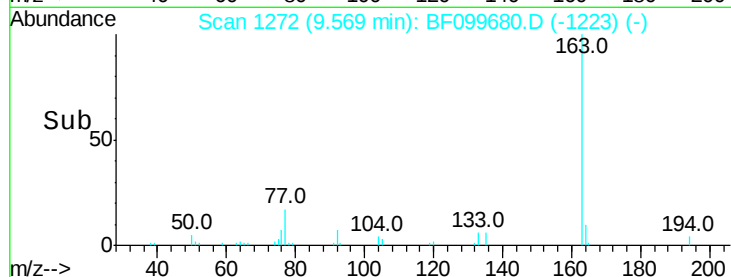
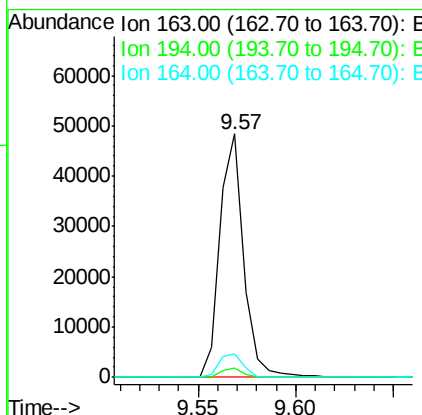
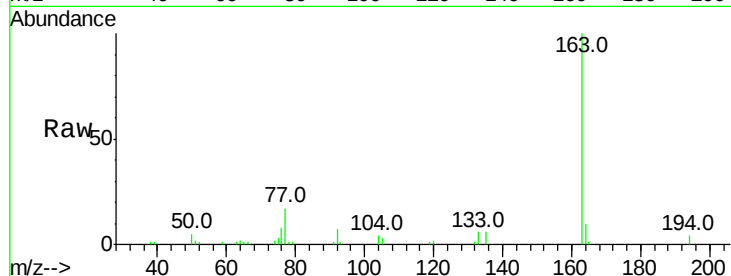




#49
 Dimethylphthalate
 Concen: 3.373 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

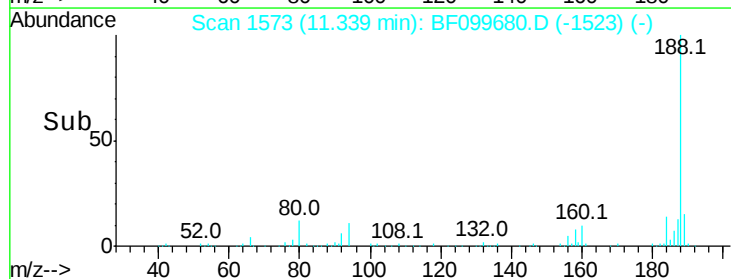
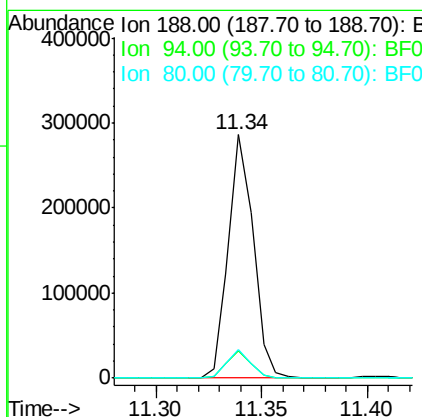
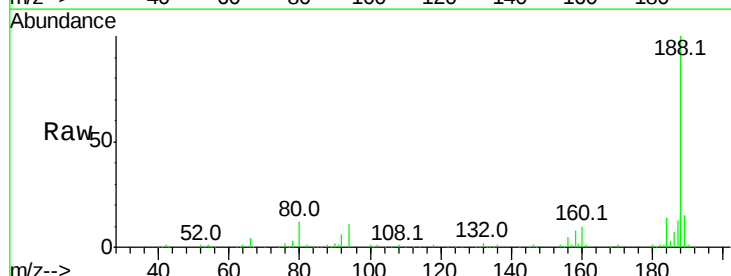
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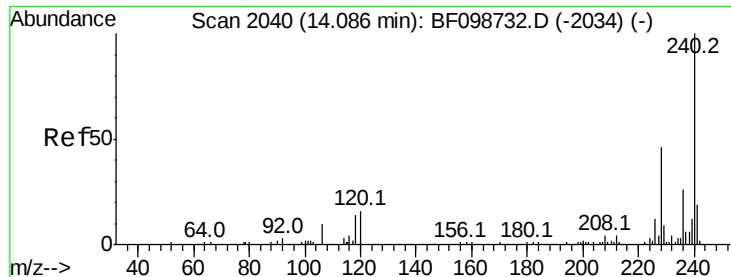
Tot Ion:163 Resp: 40929
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.7 8.2 12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099680.D
 Acq: 20 Oct 2017 2:01

Tgt Ion:188 Resp: 234648
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.6 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099680.D

Acq: 20 Oct 2017 2:01

Instrument :

BNA_F

ClientSampleId :

101717-TIDO-F-D-S

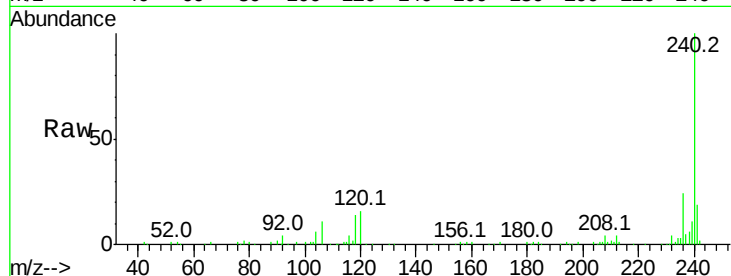
Tot Ion:240 Resp: 159635

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

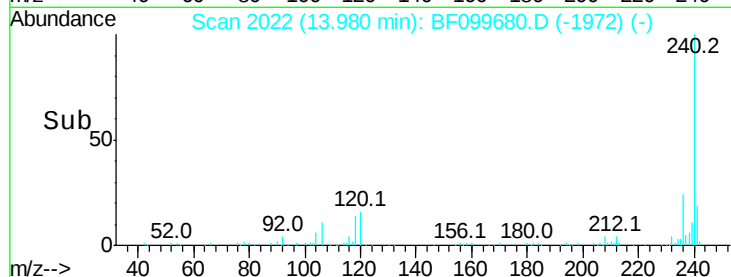
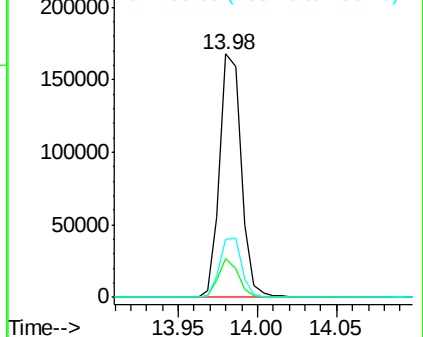
236 24.0 20.7 31.1



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: 97.854 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099680.D

Acq: 20 Oct 2017 2:01

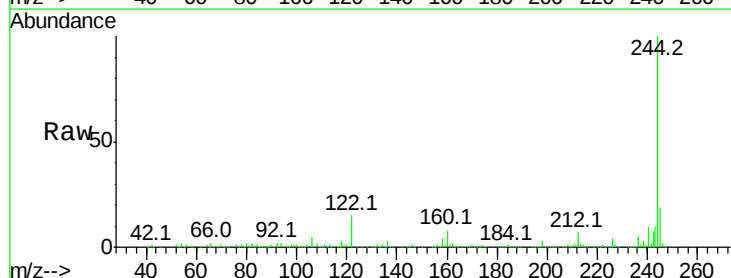
Tgt Ion:244 Resp: 686875

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

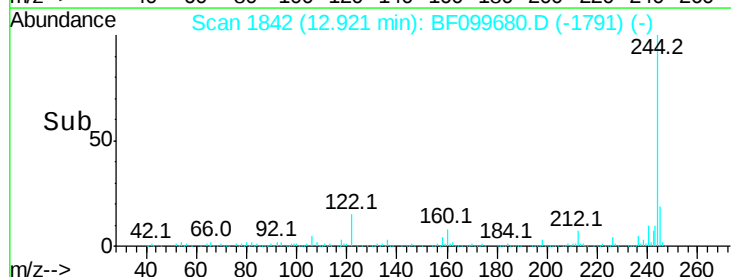
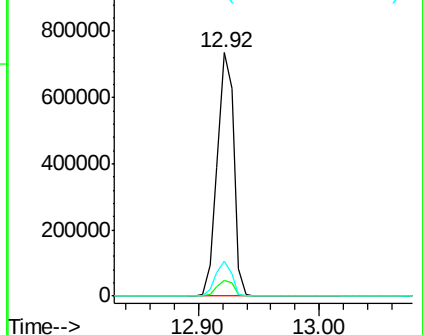
122 14.6 11.0 16.4



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

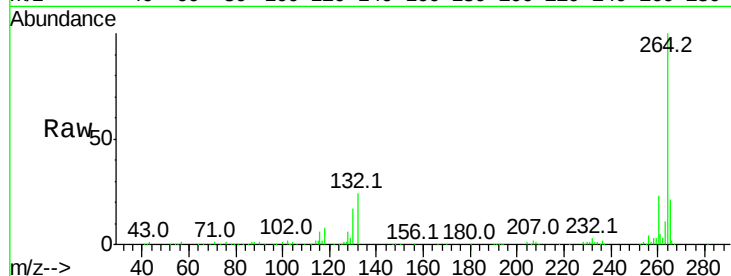




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099680.D
Acq: 20 Oct 2017 2:01

Instrument :
BNA_F
ClientSampleId :
101717-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.3	17.5	26.3



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

