

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099954.D
 Acq On : 30 Oct 2017 13:00
 Operator : SJ/JU
 Sample : I6083-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-D-B

Quant Time: Oct 30 16:34:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

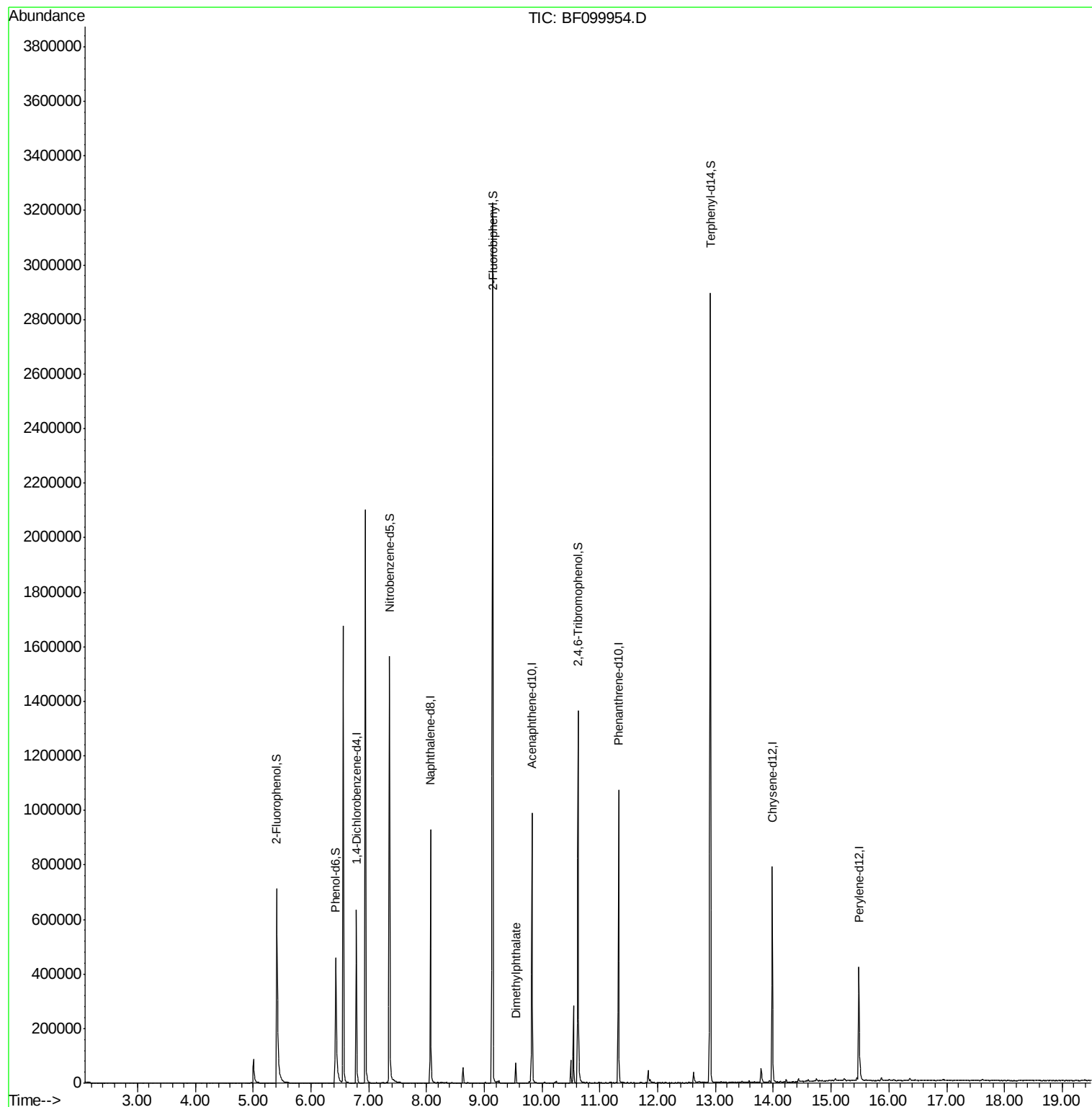
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106090	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	441392	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	215861	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	404987	20.00	ng	0.00
75) Chrysene-d12	13.98	240	297736	20.00	ng	0.00
86) Perylene-d12	15.48	264	206273	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	311961	46.17	ng	0.00
7) Phenol-d6	6.43	99	249710	31.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	604779	88.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	185392	94.24	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1211203	86.57	ng	0.00
78) Terphenyl-d14	12.92	244	1180421	86.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	37276	2.181	ng	98

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

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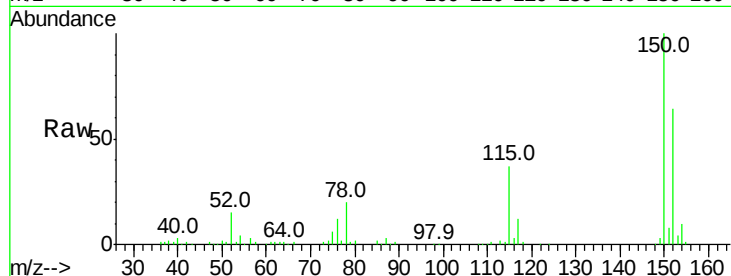


#1

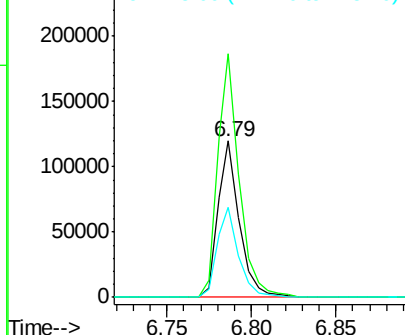
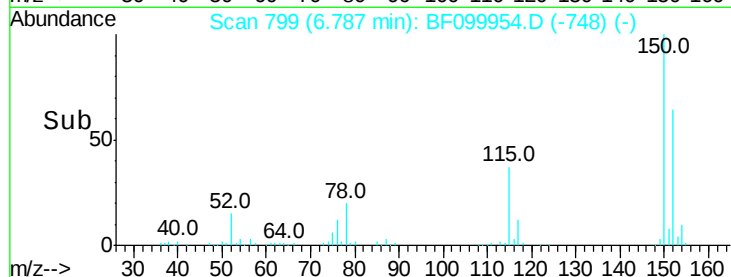
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF099954.D
Acq: 30 Oct 2017 13:00

Instrument :
BNA_F
ClientSampleId :
102017-TIDO-F-D-B

Tot Ion:152 Resp: 106090
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 57.4 50.1 75.1



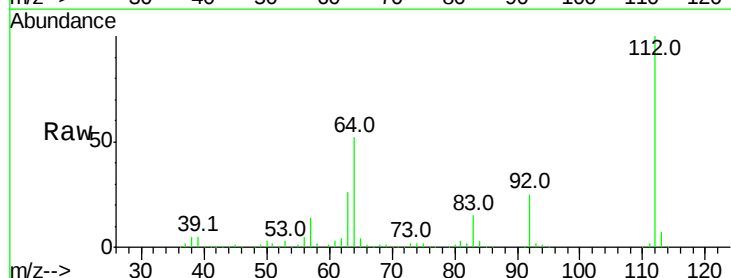
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



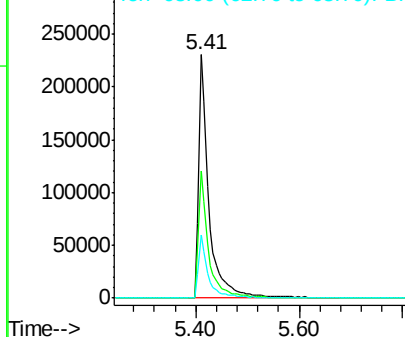
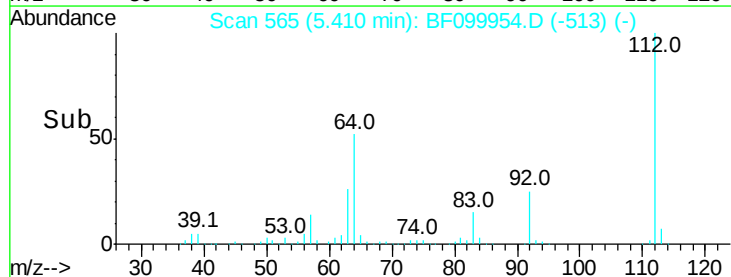
#5

2-Fluorophenol
Concen: 46.165 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099954.D
Acq: 30 Oct 2017 13:00

Tgt Ion:112 Resp: 311961
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 26.1 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: 31.165 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099954.D

Acq: 30 Oct 2017 13:00

Instrument :

BNA_F

ClientSampleId :

102017-TIDO-F-D-B

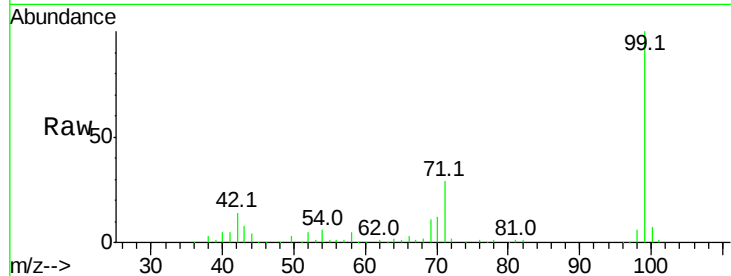
Tot Ion: 99 Resp: 249710

Ion Ratio Lower Upper

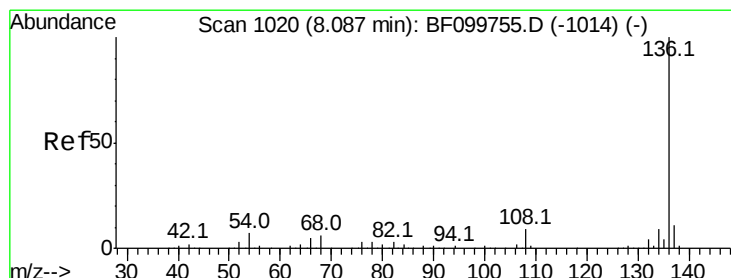
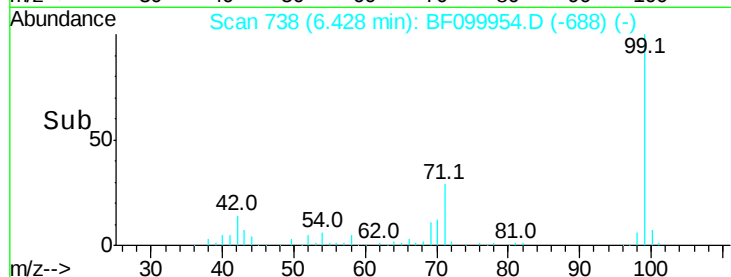
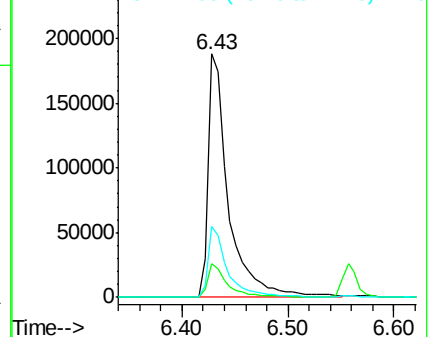
99 100

42 14.0 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# 1017

Delta R.T. 0.00 min

Lab File: BF099954.D

Acq: 30 Oct 2017 13:00

Tgt Ion: 136 Resp: 441392

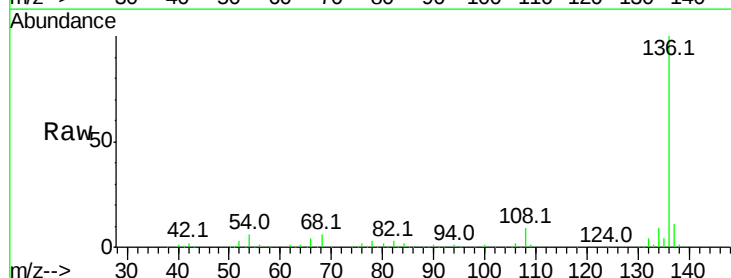
Ion Ratio Lower Upper

136 100

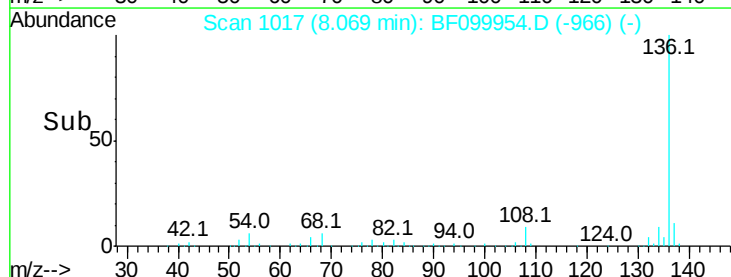
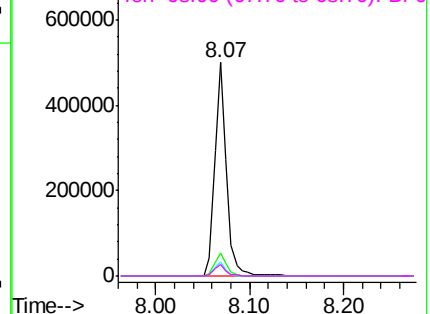
137 10.7 8.9 13.3

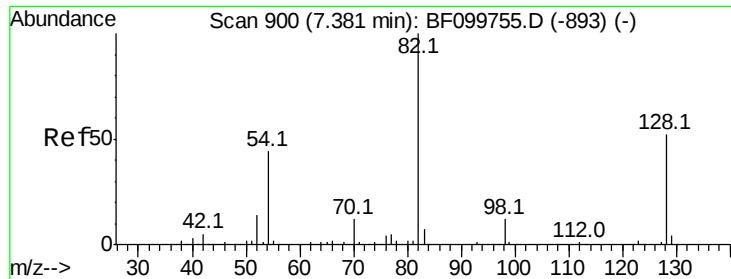
54 6.3 6.6 9.8#

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

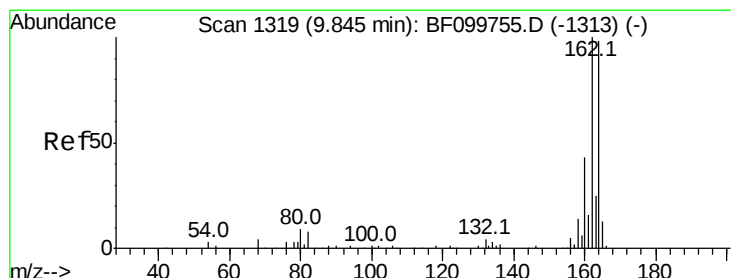
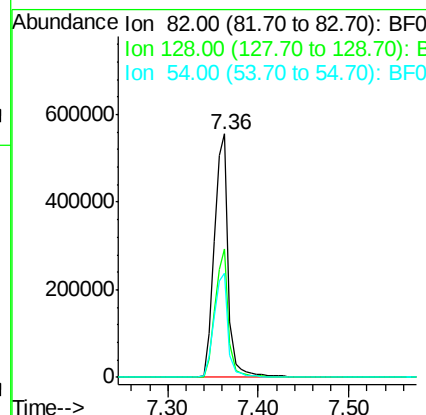
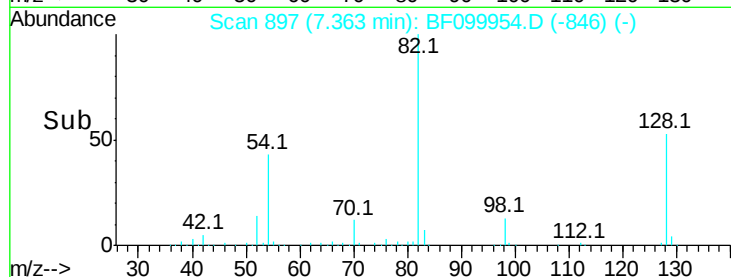
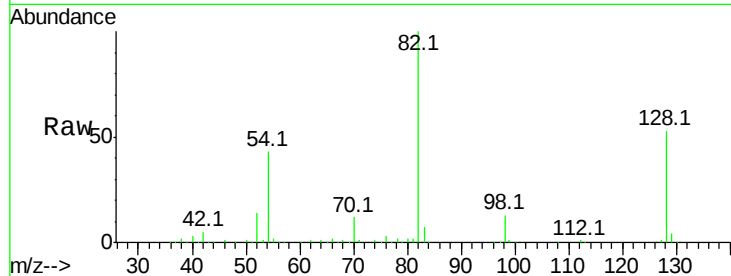




#23
Nitrobenzene-d5
Concen: 88.212 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099954.D
Acq: 30 Oct 2017 13:00

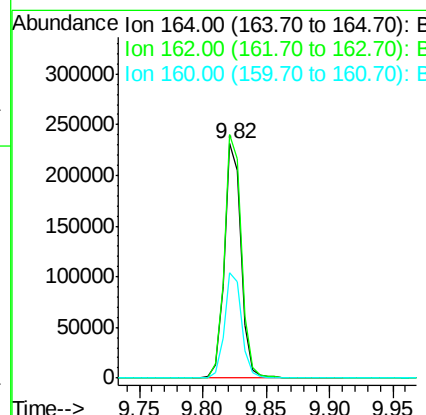
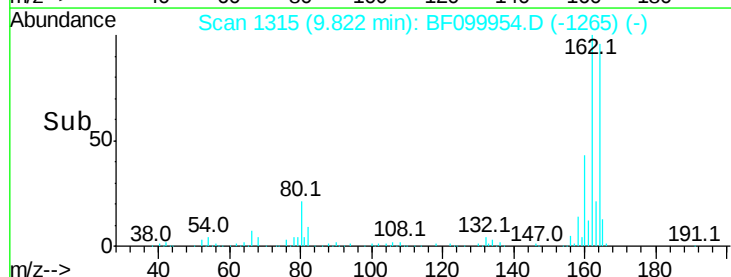
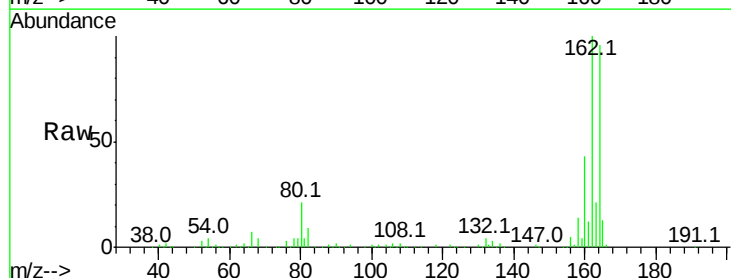
Instrument :
BNA_F
ClientSampleId :
102017-TIDO-F-D-B

Tot Ion: 82 Resp: 604779
Ion Ratio Lower Upper
82 100
128 52.9 36.1 54.1
54 42.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF099954.D
Acq: 30 Oct 2017 13:00

Tgt Ion:164 Resp: 215861
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.1 38.3 57.5

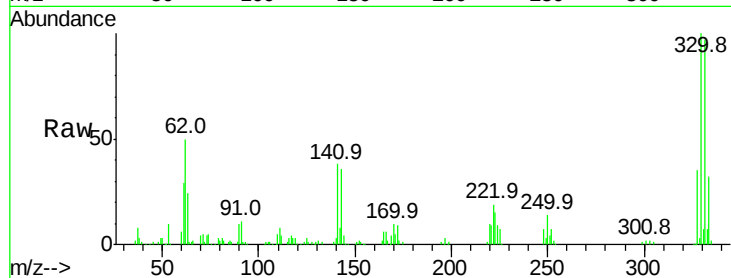




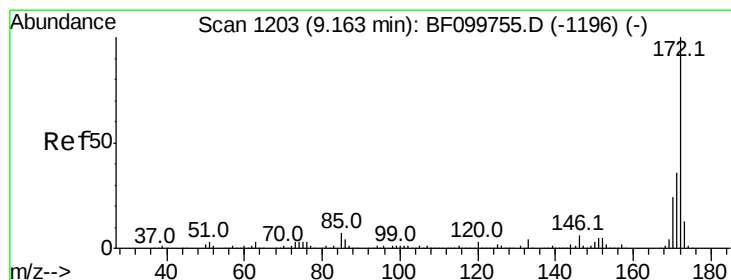
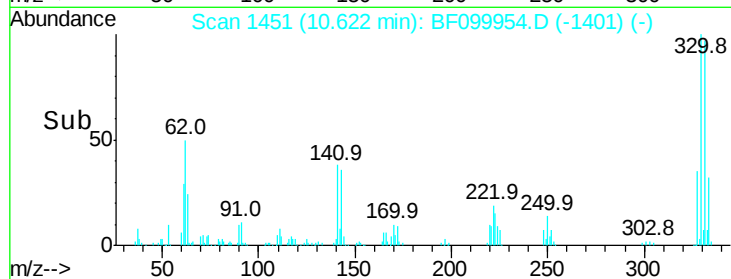
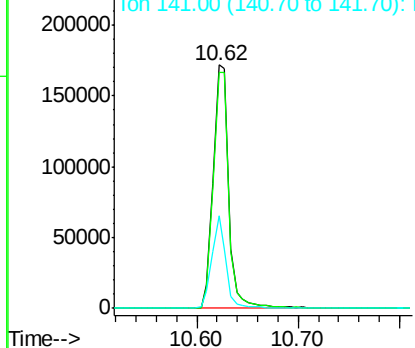
#41
 2,4,6-Tribromophenol
 Concen: 94.243 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099954.D
 Acq: 30 Oct 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-D-B

Tot Ion:330 Resp: 185392
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 34.1 29.9 44.9

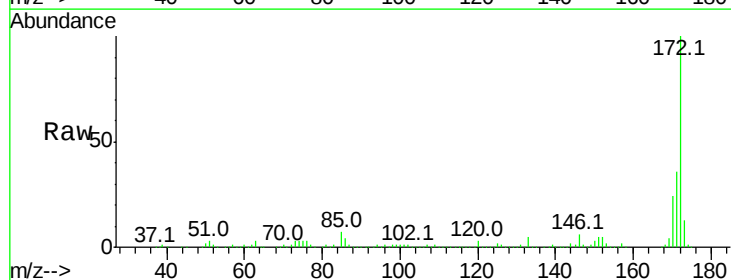


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

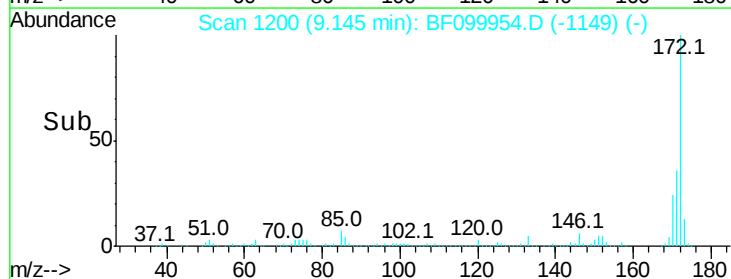
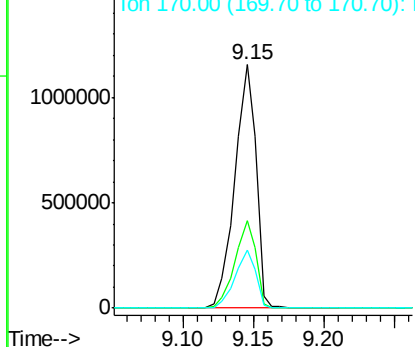


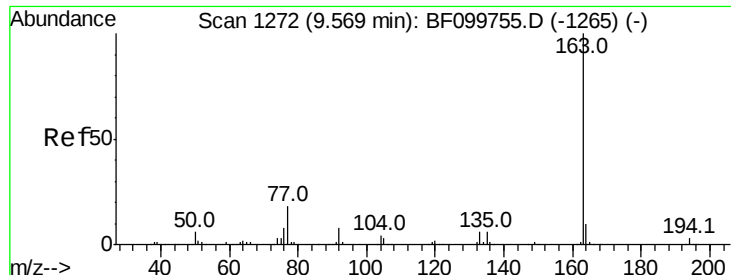
#44
 2-Fluorobiphenyl
 Concen: 86.569 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099954.D
 Acq: 30 Oct 2017 13:00

Tgt Ion:172 Resp: 1211203
 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

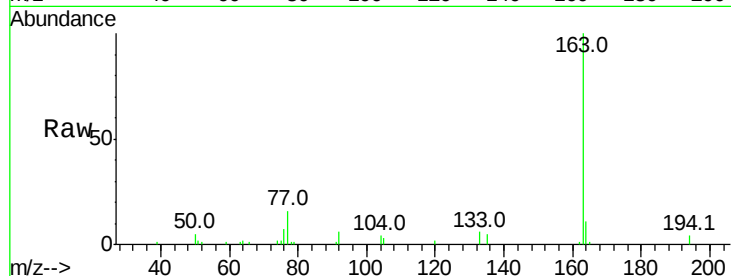




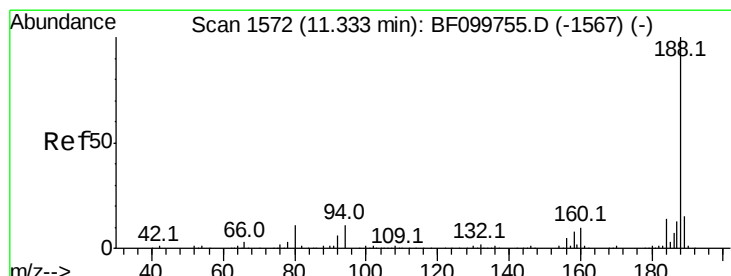
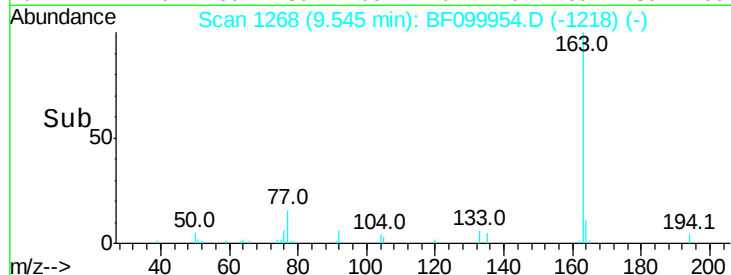
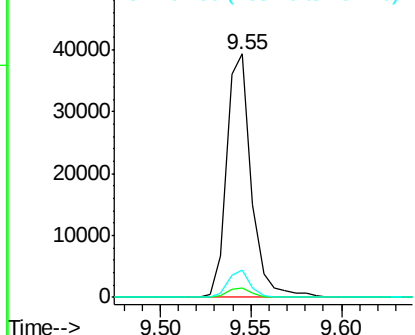
#49
Dimethylphthalate
Concen: 2.181 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF099954.D
Acq: 30 Oct 2017 13:00

Instrument :
BNA_F
ClientSampleId :
102017-TIDO-F-D-B

Tot Ion:163 Resp: 37276
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.0 8.2 12.2

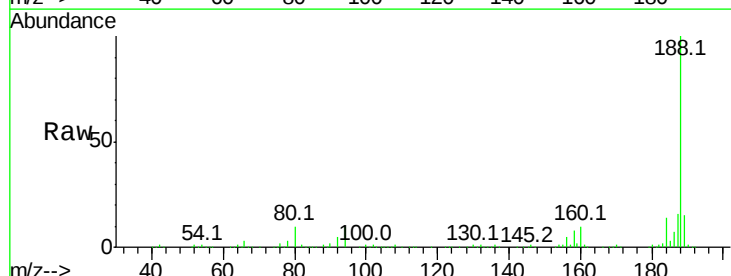


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

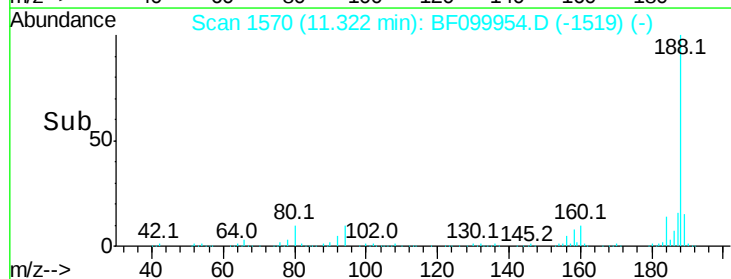
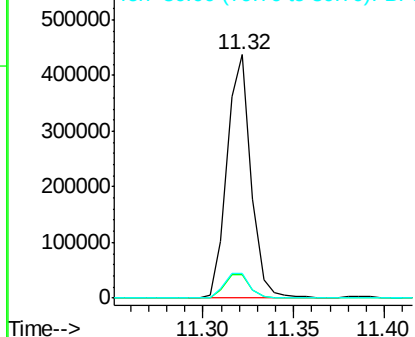


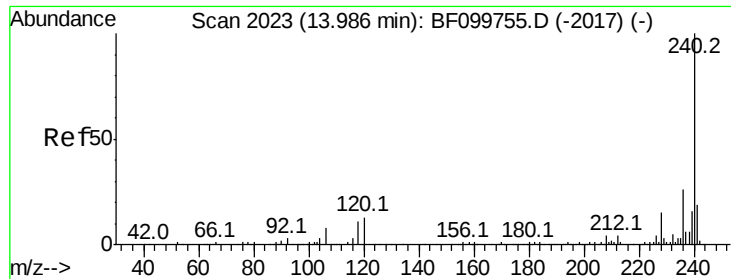
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF099954.D
Acq: 30 Oct 2017 13:00

Tgt Ion:188 Resp: 404987
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 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

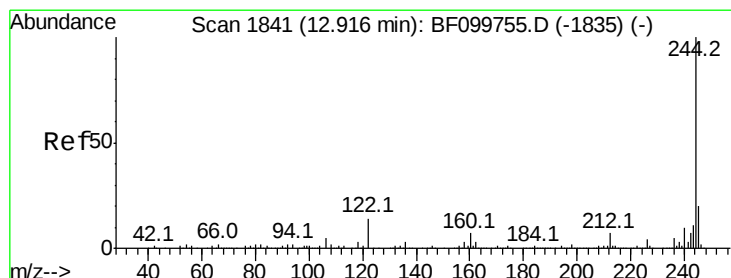
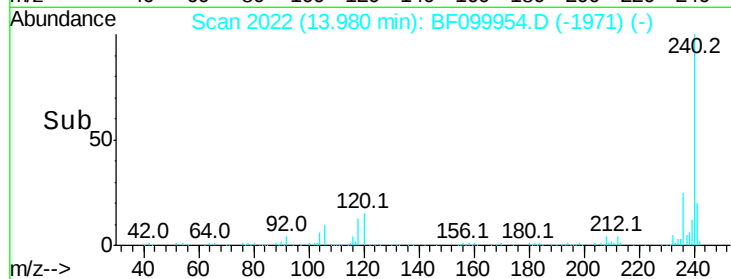
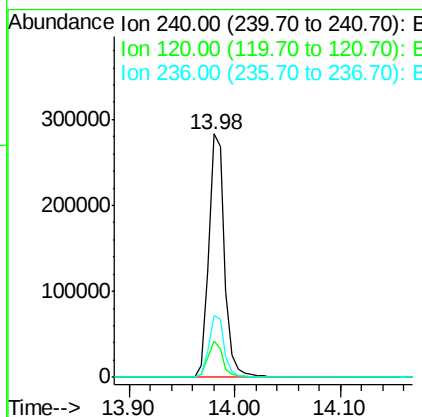
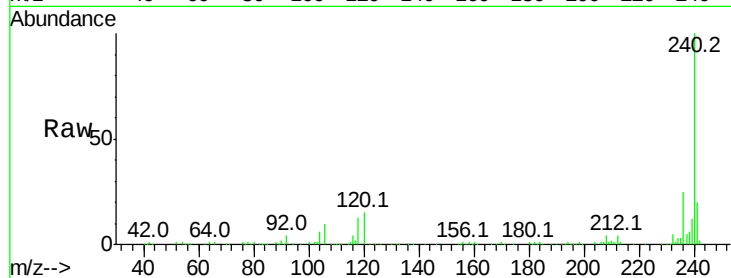




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF099954.D
 Acq: 30 Oct 2017 13:00

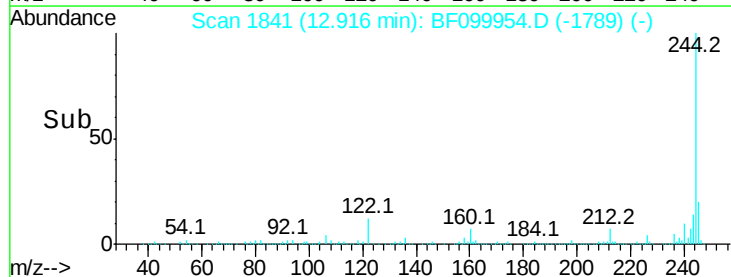
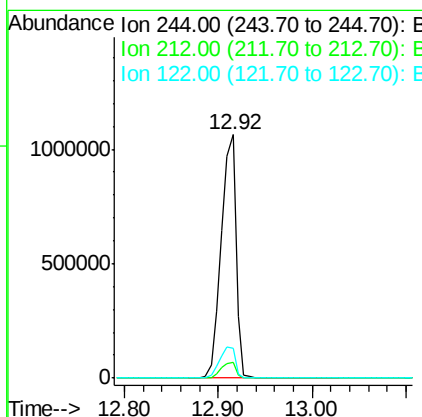
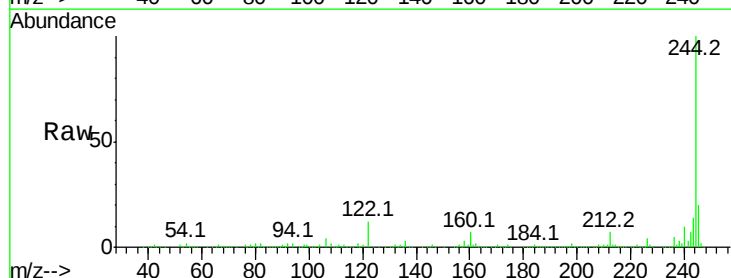
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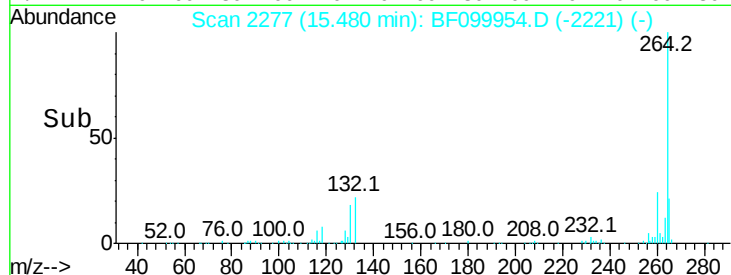
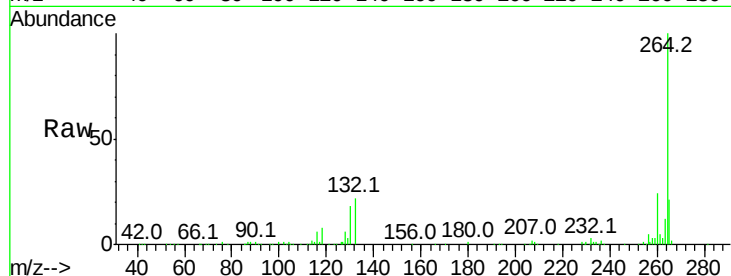
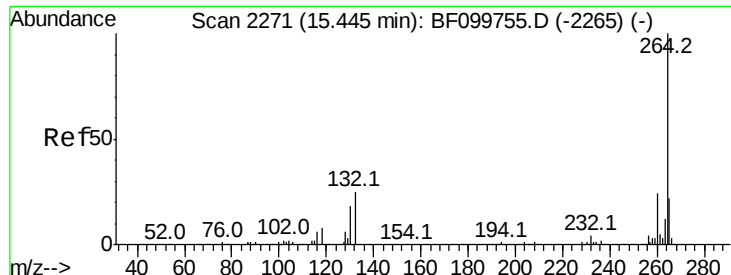
Tot Ion:240 Resp: 297736
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 86.642 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF099954.D
 Acq: 30 Oct 2017 13:00

Tgt Ion:244 Resp: 1180421
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.5 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.03 min
 Lab File: BF099954.D
 Acq: 30 Oct 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-D-B

Tot Ion:	264	Resp:	206273
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

