

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100034.D
 Acq On : 1 Nov 2017 8:10
 Operator : SJ/JU
 Sample : I6094-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Quant Time: Nov 01 11:09:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82672	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	340653	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	158526	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	285930	20.00	ng	0.00
75) Chrysene-d12	13.98	240	171476	20.00	ng	0.00
86) Perylene-d12	15.48	264	143414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	754278	143.24	ng	0.02
7) Phenol-d6	6.44	99	813249	130.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	571062	107.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	234366	162.23	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1163592	113.25	ng	0.00
78) Terphenyl-d14	12.91	244	967508	123.30	ng	0.00

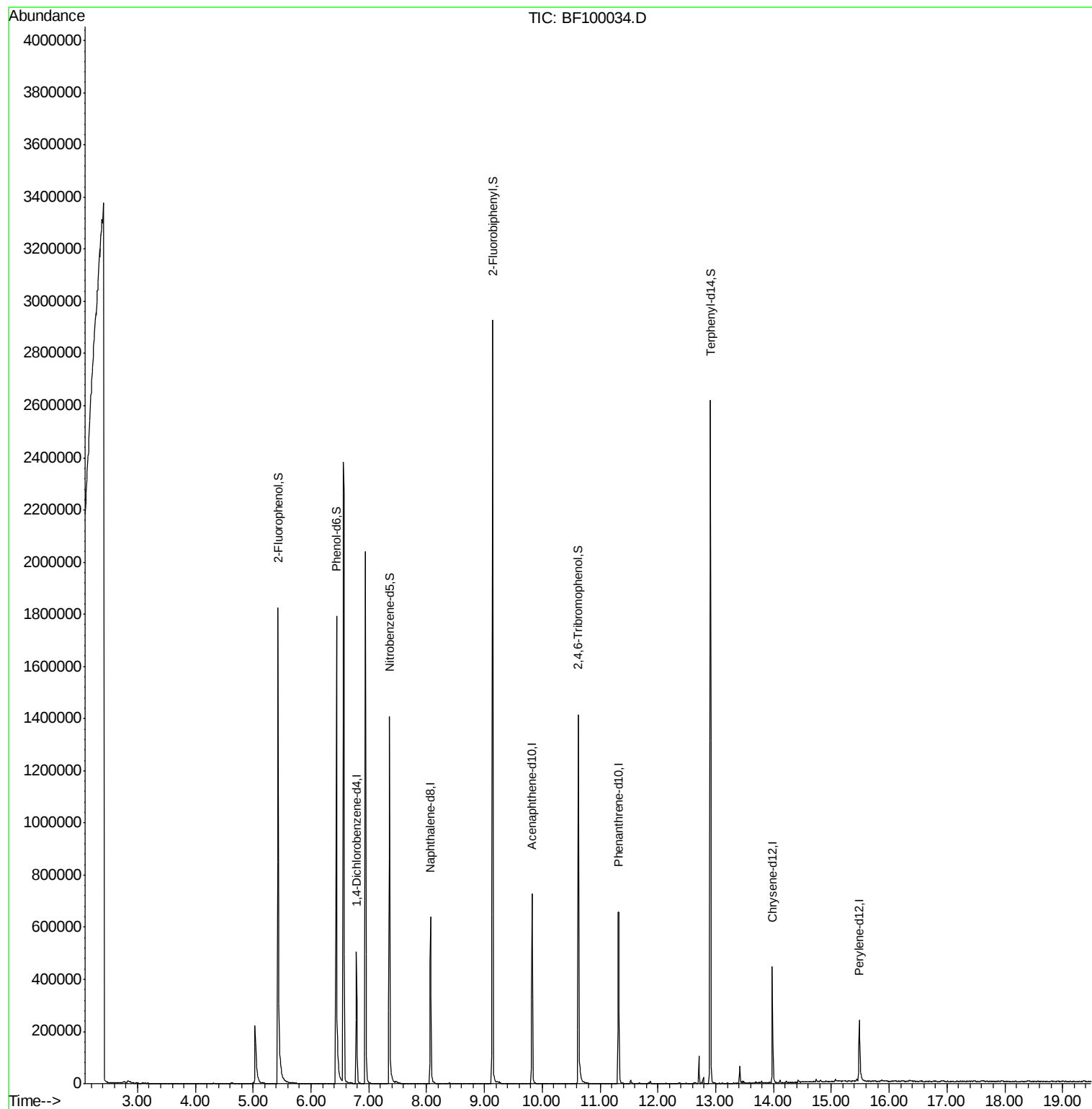
Target Compounds Qvalue

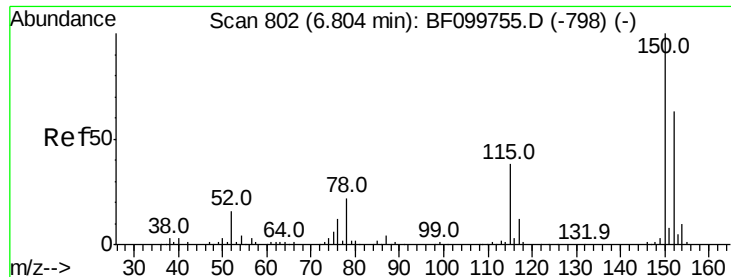
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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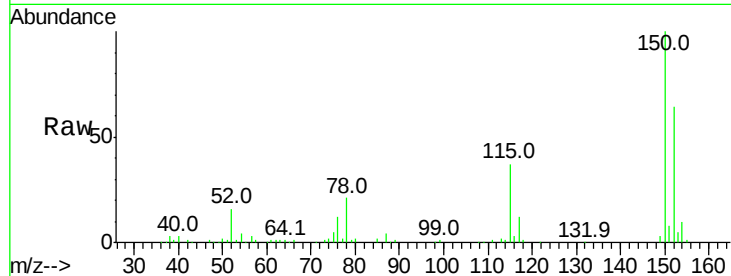


#1

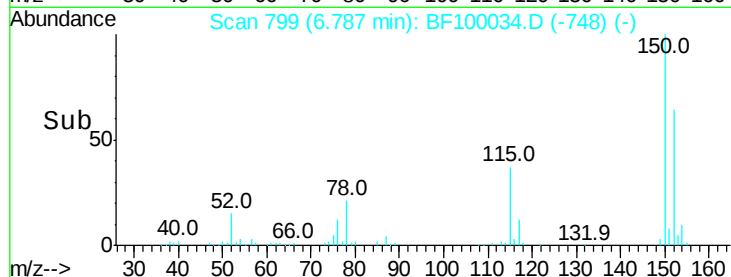
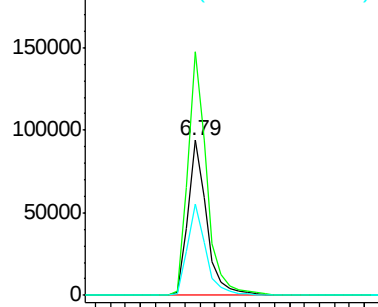
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Instrument :
BNA_F
ClientSampleId :
S-18THST-WEST-COMP(0-3)

Tot Ion:152 Resp: 82672
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.6 50.1 75.1



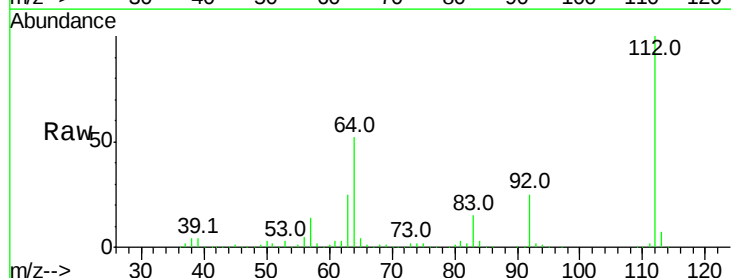
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



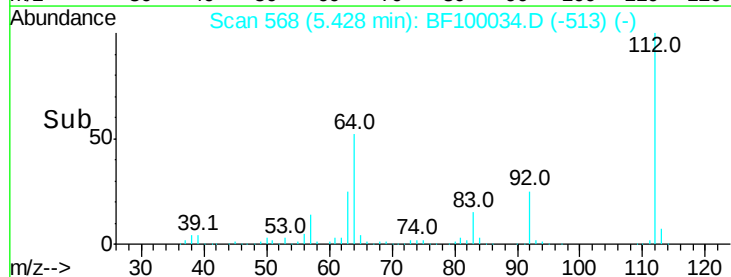
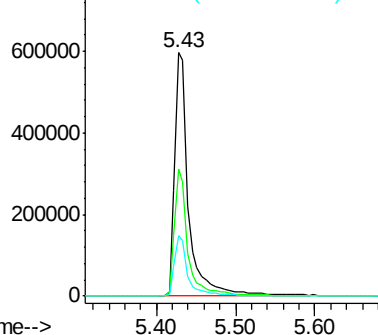
#5

2-Fluorophenol
Concen: 143.240 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100034.D
Acq: 1 Nov 2017 8:10

Tgt Ion:112 Resp: 754278
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 130.249 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

Instrument :

BNA_F

ClientSampleId :

S-18THST-WEST-COMP(0-3)

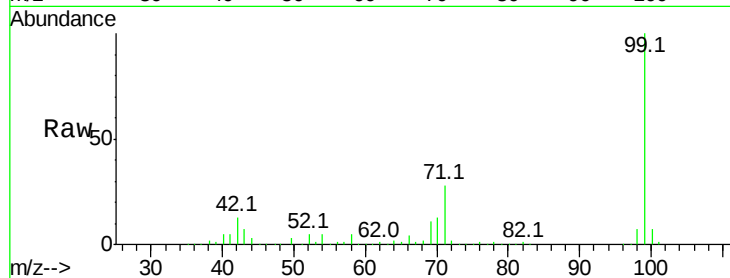
Tot Ion: 99 Resp: 813249

Ion Ratio Lower Upper

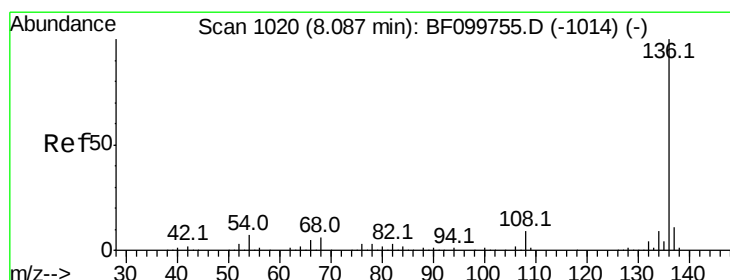
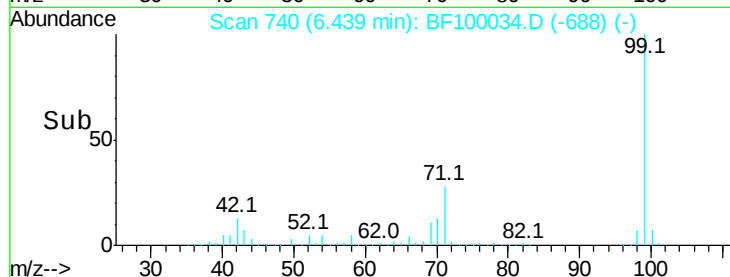
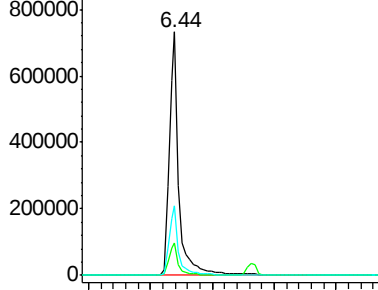
99 100

42 13.3 14.5 21.7#

71 28.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100034.D

Acq: 1 Nov 2017 8:10

Tgt Ion: 136 Resp: 340653

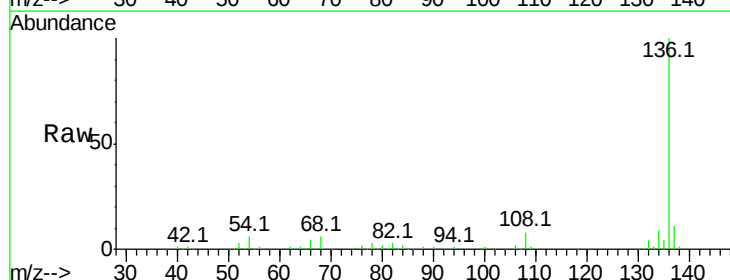
Ion Ratio Lower Upper

136 100

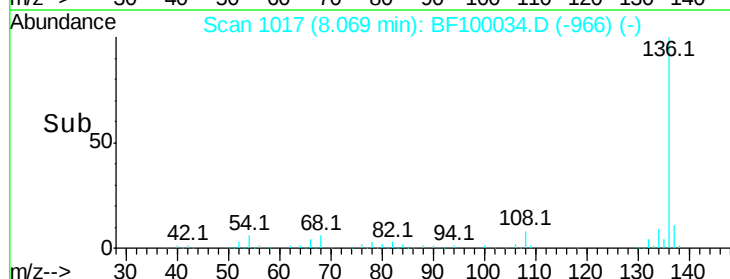
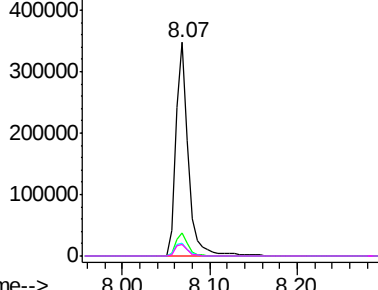
137 10.9 8.9 13.3

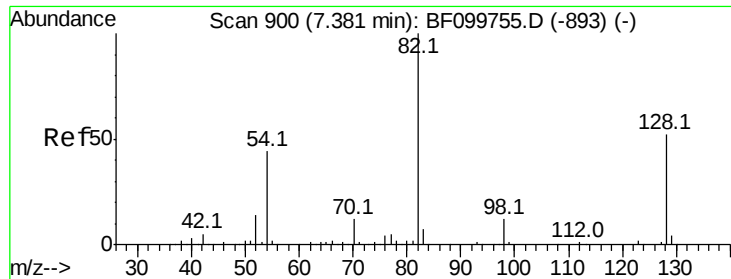
54 6.2 6.6 9.8#

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): BF1
Ion 68.00 (67.70 to 68.70): BF1

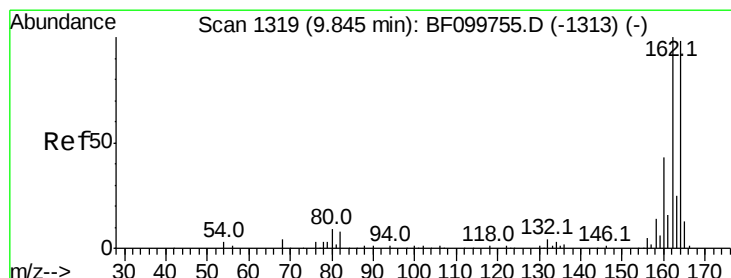
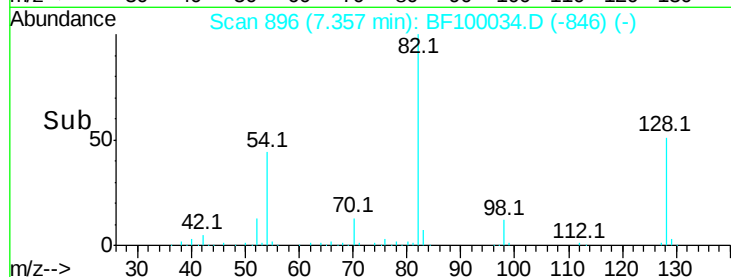
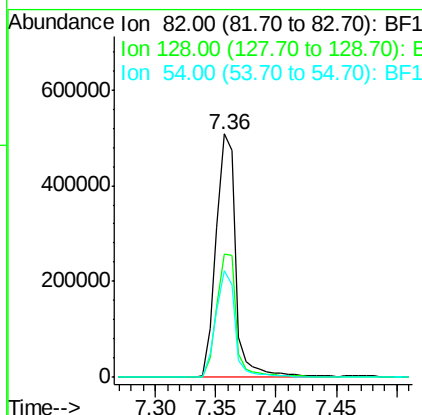
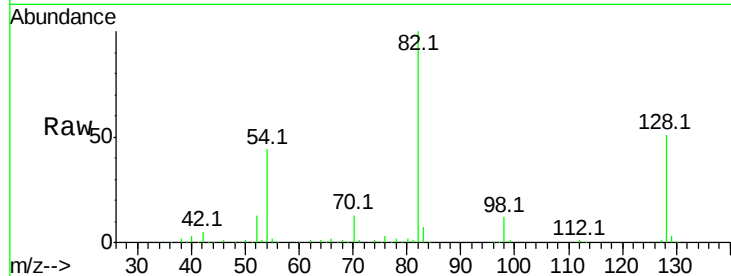




#23
 Nitrobenzene-d5
 Concen: 107.926 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

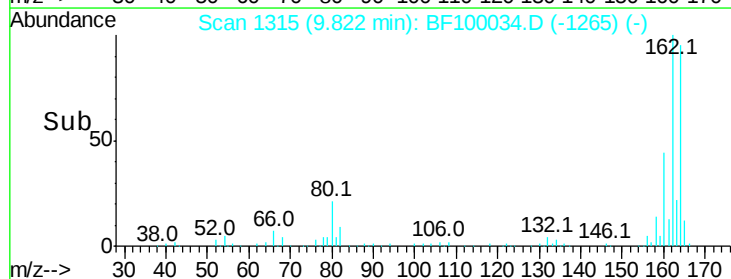
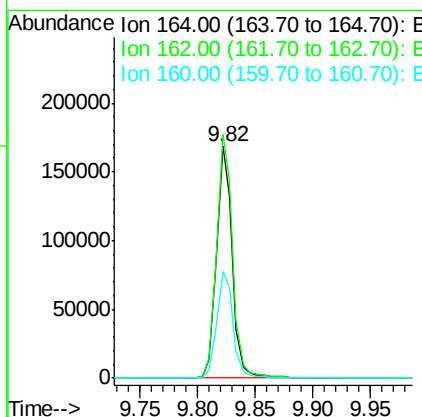
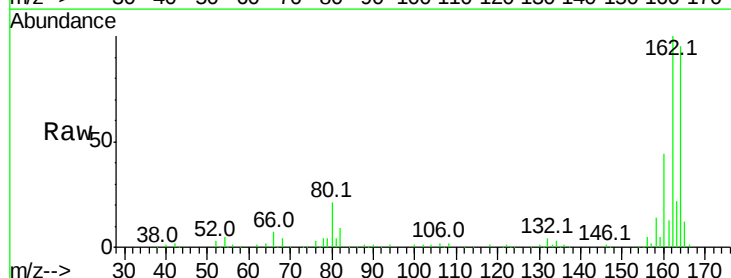
Instrument :
 BNA_F
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

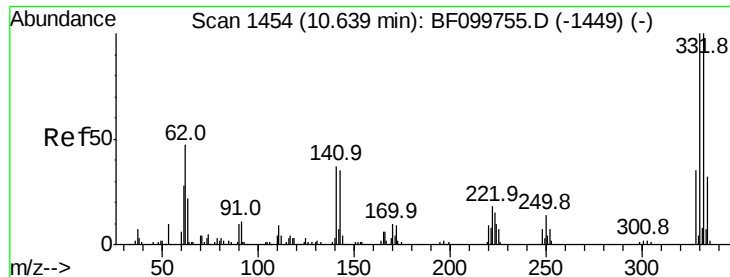
Tot Ion: 82 Resp: 571062
 Ion Ratio Lower Upper
 82 100
 128 50.8 36.1 54.1
 54 43.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt Ion: 164 Resp: 158526
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.9 38.3 57.5

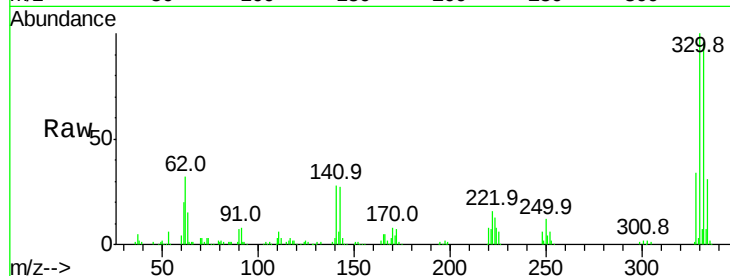




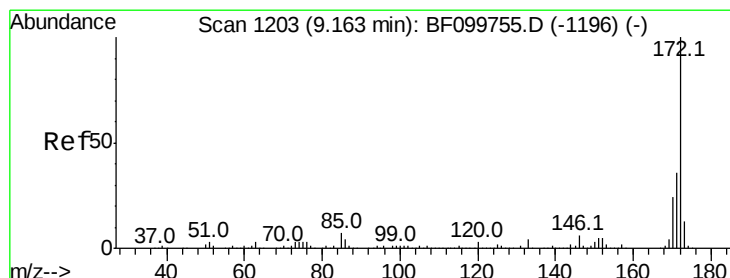
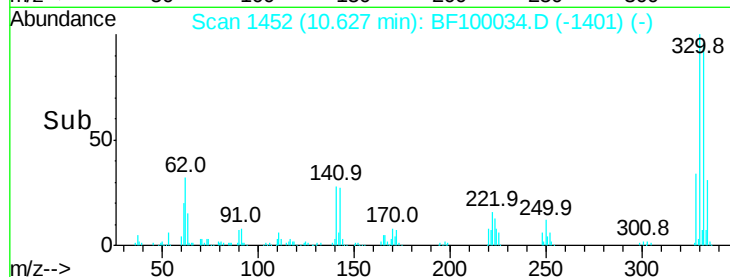
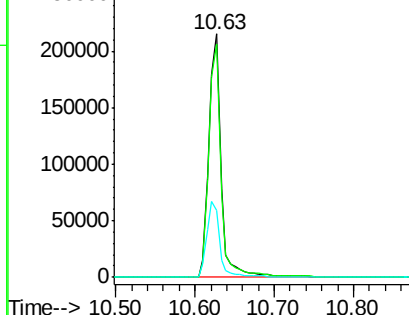
#41
 2,4,6-Tribromophenol
 Concen: 162.228 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.4	29.9	44.9



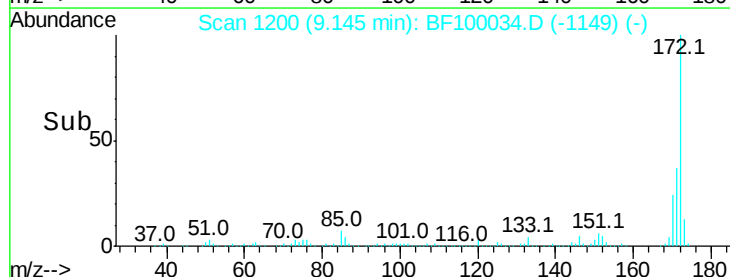
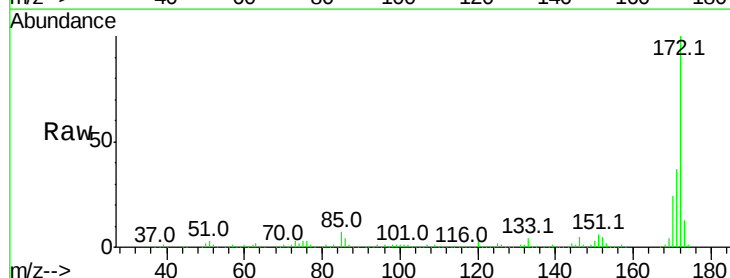
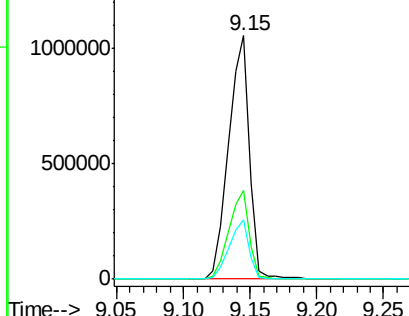
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

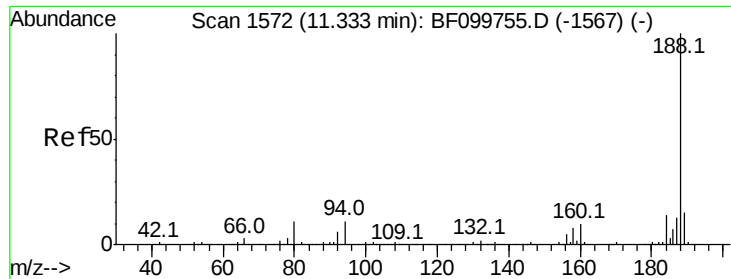


#44
 2-Fluorobiphenyl
 Concen: 113.245 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	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

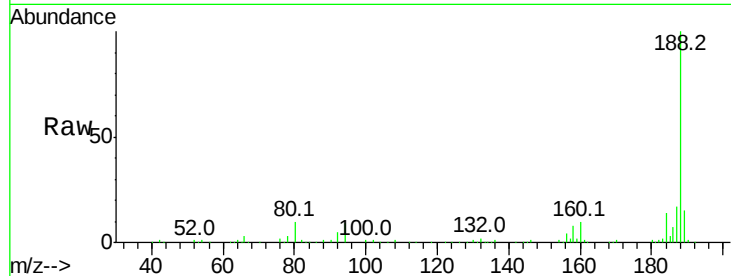




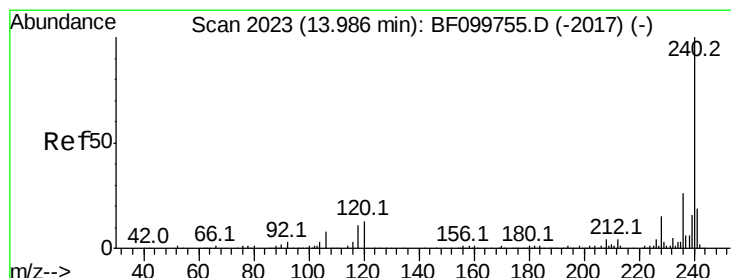
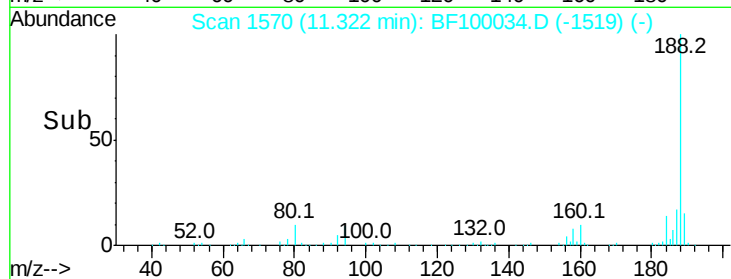
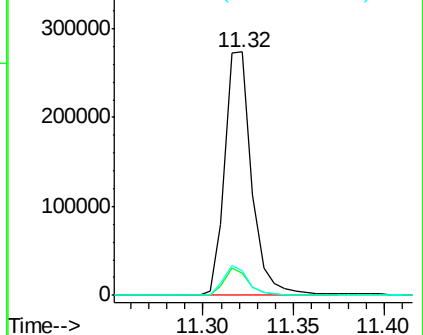
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Tot Ion:188 Resp: 285930
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 9.9 9.2 13.8

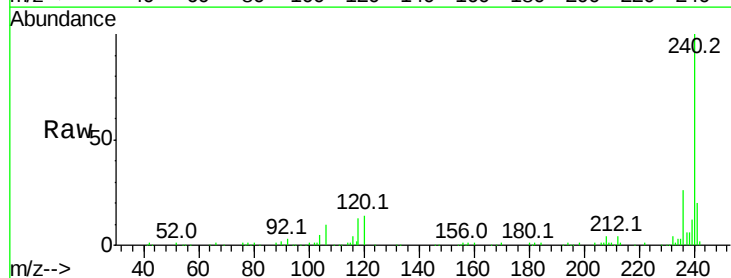


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

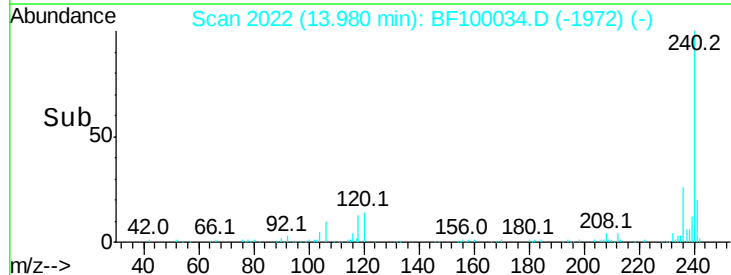
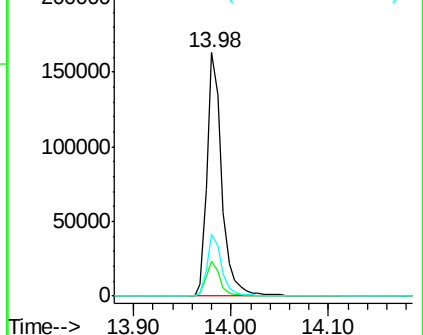


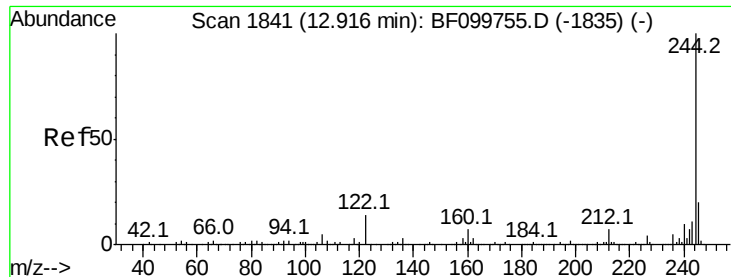
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt Ion:240 Resp: 171476
 Ion Ratio Lower Upper
 240 100
 120 14.4 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

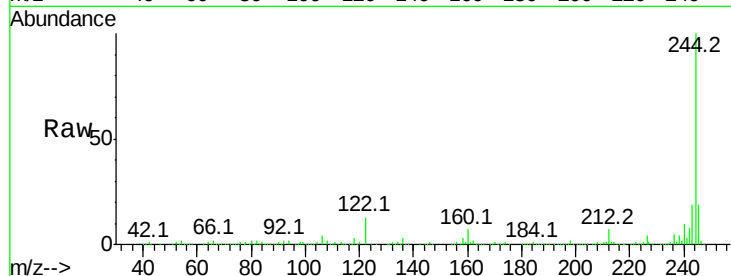




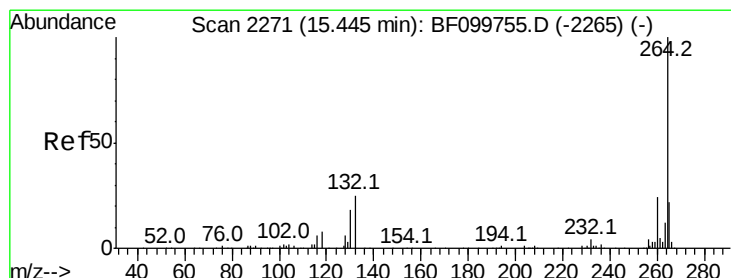
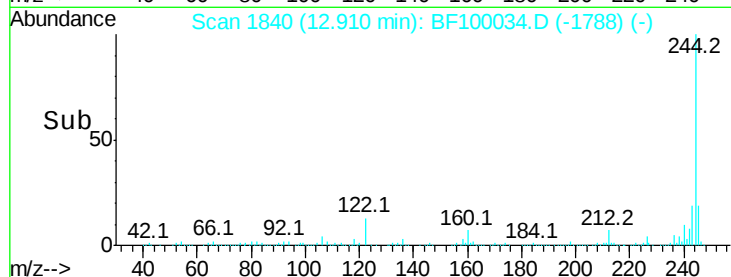
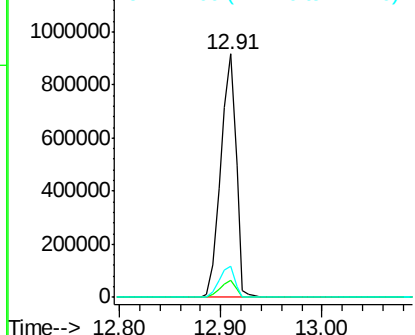
#78
 Terphenyl-d14
 Concen: 123.304 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Tot Ion:244 Resp: 967508
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.0 11.0 16.4

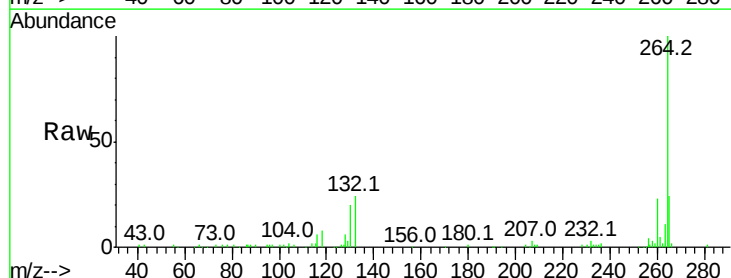


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF100034.D
 Acq: 1 Nov 2017 8:10

Tgt Ion:264 Resp: 143414
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 23.6 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

