

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100031.D
 Acq On : 1 Nov 2017 6:54
 Operator : SJ/JU
 Sample : I6094-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-WEST-COMP(0-3)

Quant Time: Nov 01 08:57:37 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

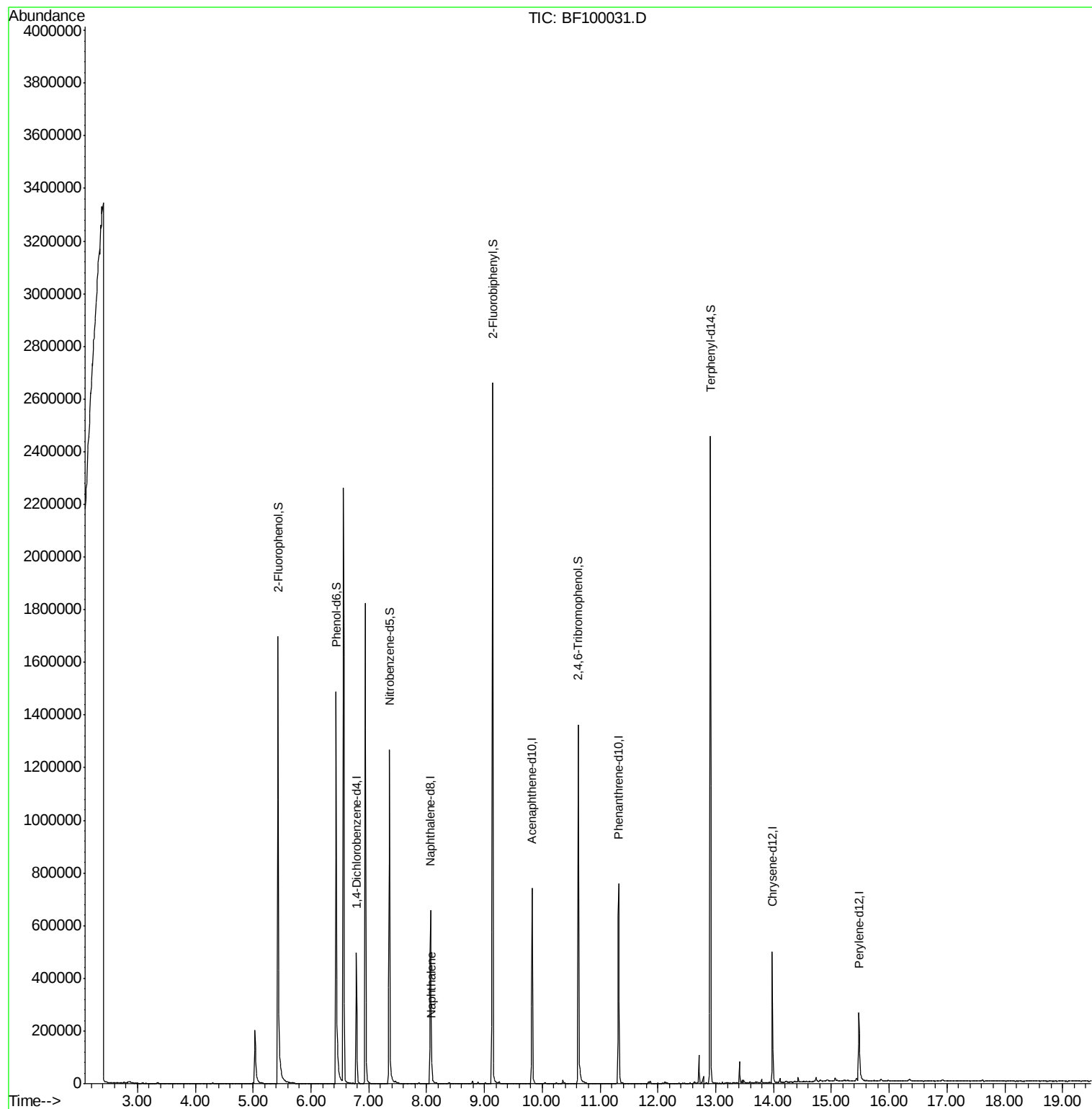
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83423	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	354158	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	169020	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	295036	20.00	ng	0.00
75) Chrysene-d12	13.98	240	183808	20.00	ng	0.00
86) Perylene-d12	15.48	264	153461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	655785	123.41	ng	0.02
7) Phenol-d6	6.43	99	730357	115.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	494101	89.82	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206248	133.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1046449	95.52	ng	0.00
78) Terphenyl-d14	12.91	244	883014	104.99	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	36676	2.145	ng	Qvalue 98

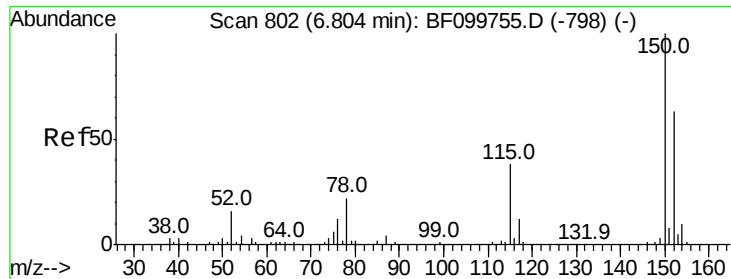
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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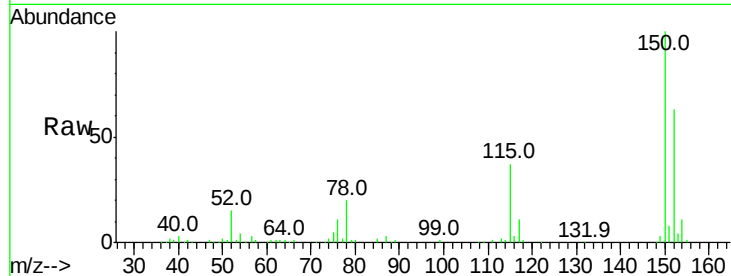


#1

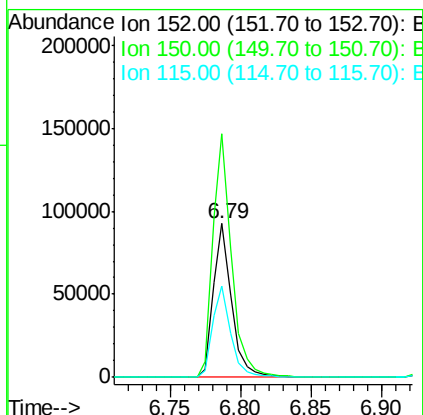
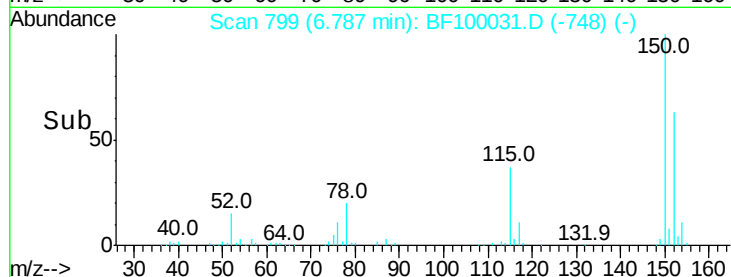
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-WEST-COMP(0-3)

Tot Ion:152 Resp: 83423
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 59.1 50.1 75.1



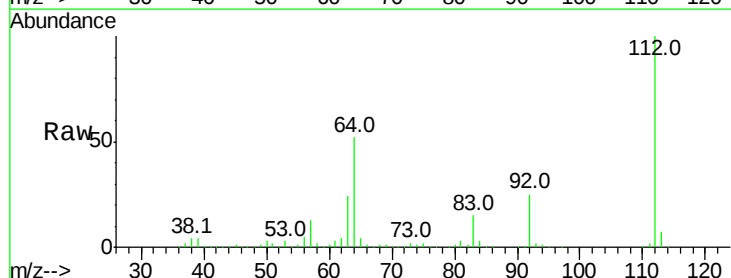
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



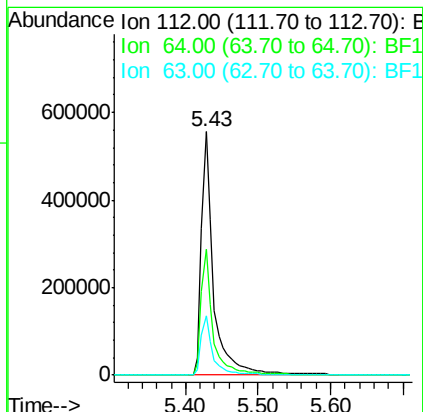
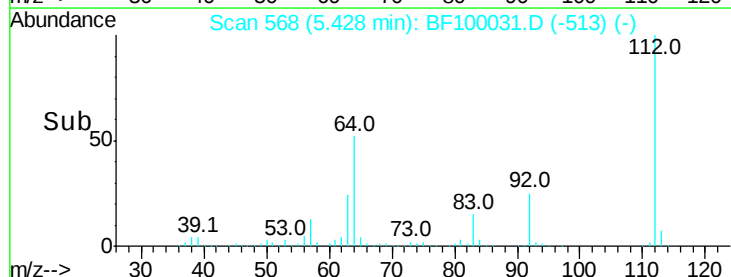
#5

2-Fluorophenol
 Concen: 123.414 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Tgt Ion:112 Resp: 655785
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 24.5 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: 115.920 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100031.D

Acq: 1 Nov 2017 6:54

Instrument :

BNA_F

ClientSampleId :

COMMACK-WEST-COMP(0-3)

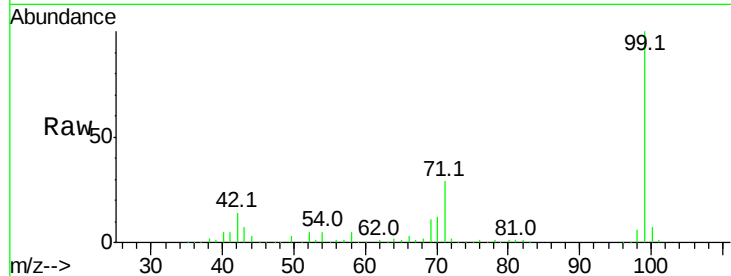
Tot Ion: 99 Resp: 730357

Ion Ratio Lower Upper

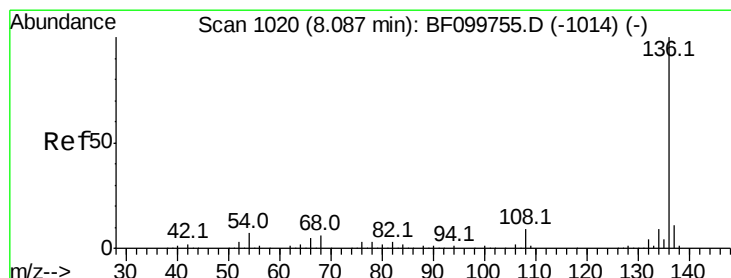
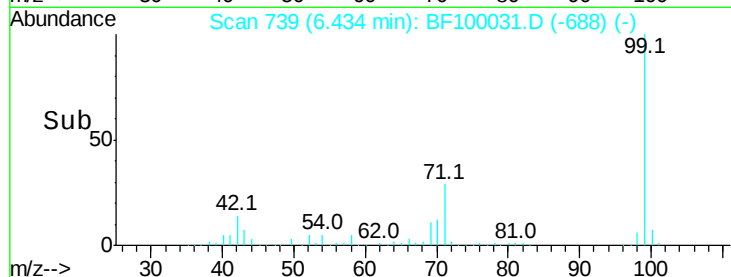
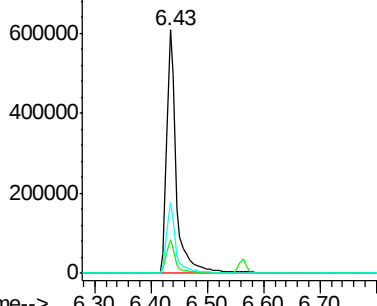
99 100

42 13.9 14.5 21.7#

71 28.9 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: BF100031.D

Acq: 1 Nov 2017 6:54

Tgt Ion: 136 Resp: 354158

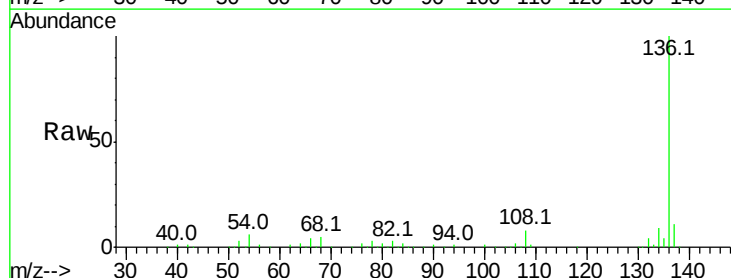
Ion Ratio Lower Upper

136 100

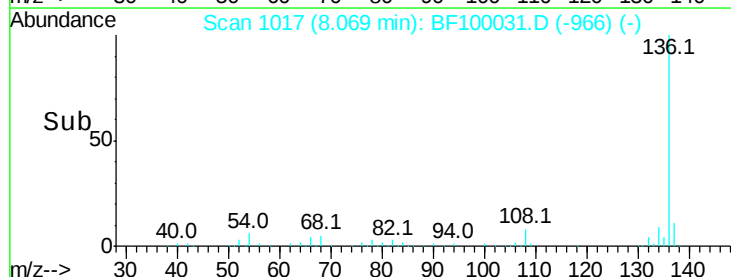
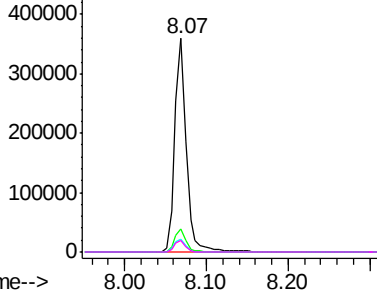
137 10.7 8.9 13.3

54 5.9 6.6 9.8#

68 5.3 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

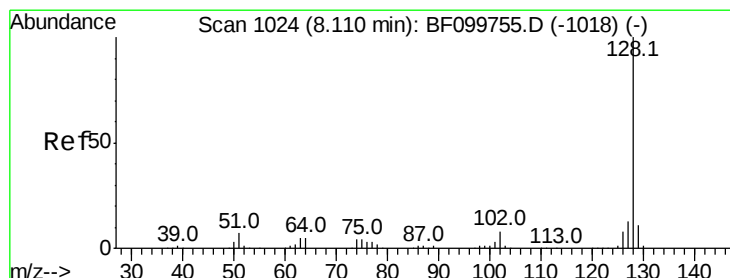
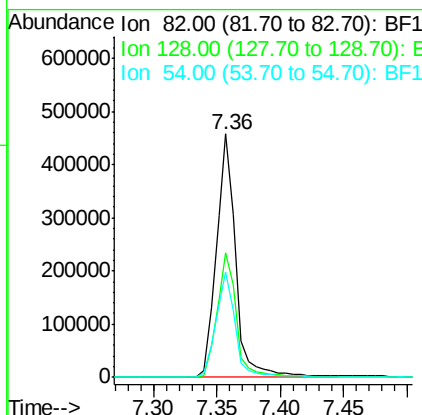
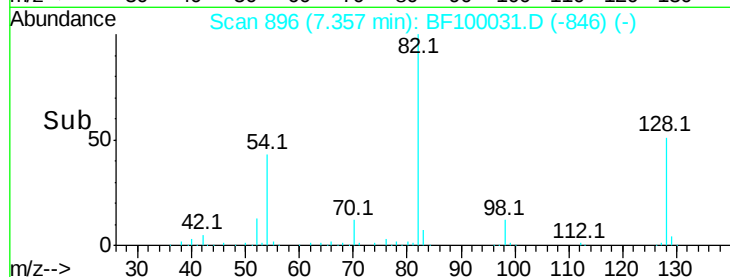
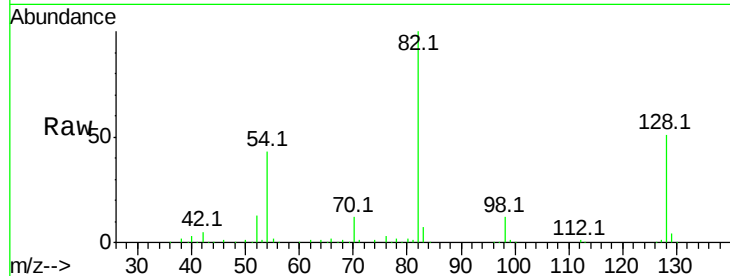




#23
 Nitrobenzene-d5
 Concen: 89.820 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

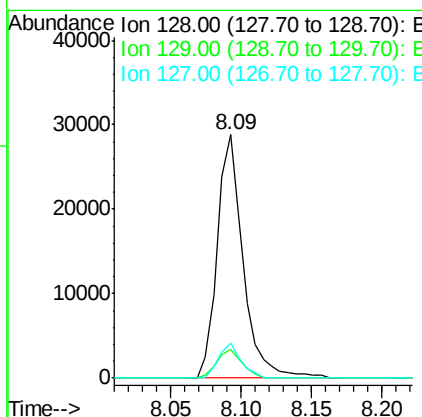
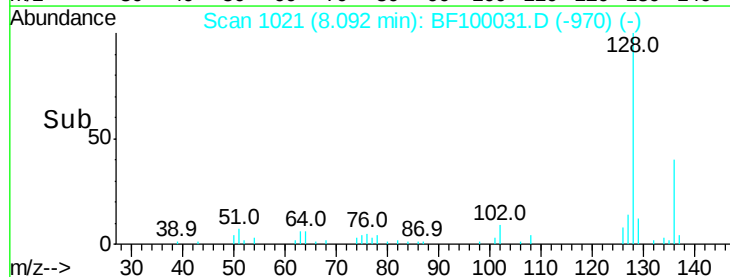
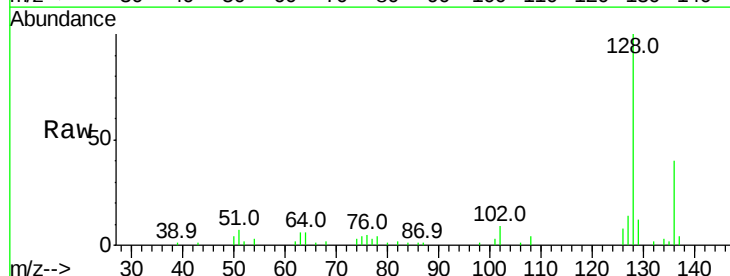
Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-WEST-COMP(0-3)

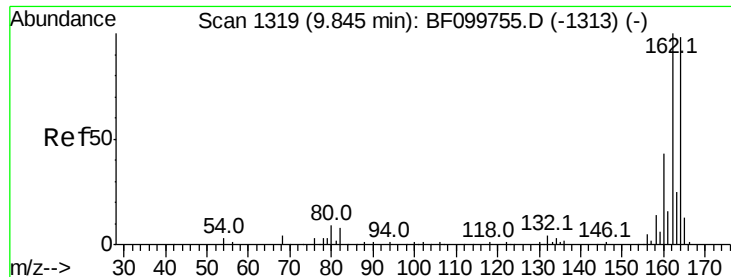
Tot Ion: 82 Resp: 494101
 Ion Ratio Lower Upper
 82 100
 128 51.0 36.1 54.1
 54 43.3 41.4 62.2



#31
 Naphthalene
 Concen: 2.145 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Tgt Ion: 128 Resp: 36676
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.8 13.2
 127 14.4 10.9 16.3

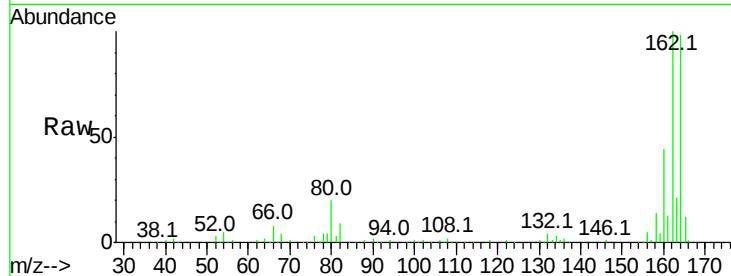




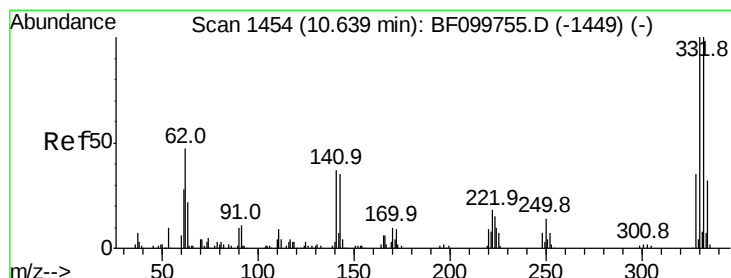
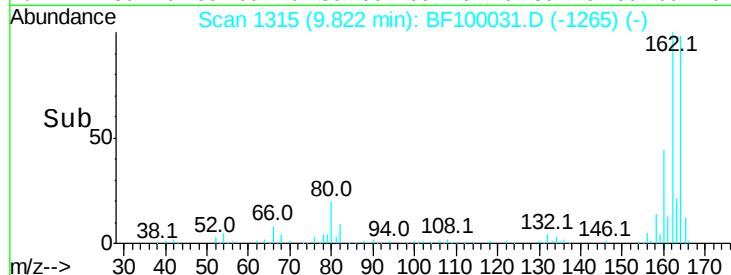
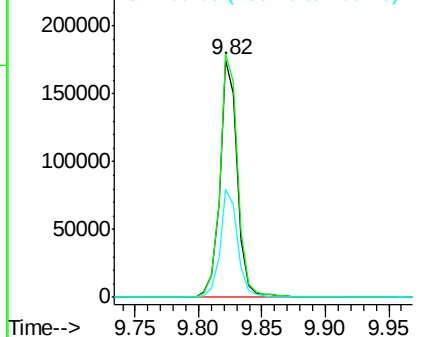
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

Tot Ion:164 Resp: 169020
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.4 38.3 57.5

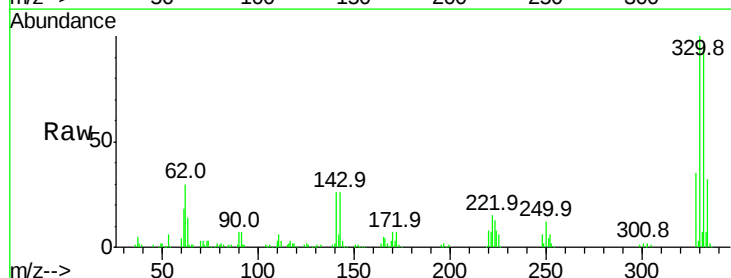


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

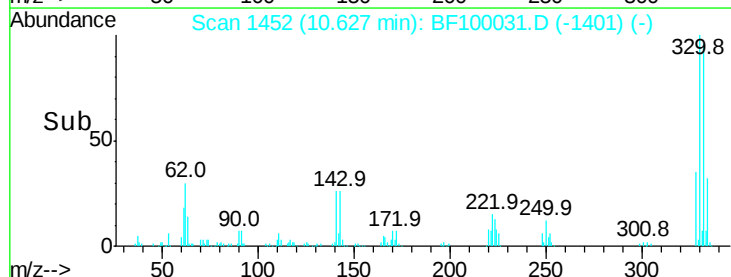
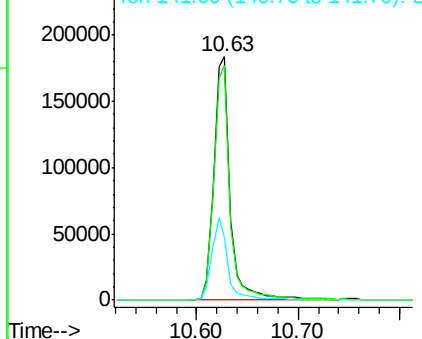


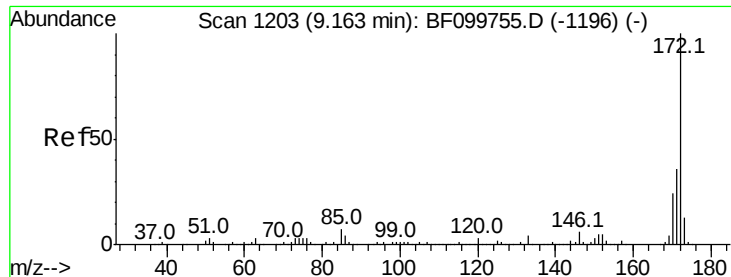
#41
2,4,6-Tribromophenol
Concen: 133.901 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Tgt Ion:330 Resp: 206248
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 33.9 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



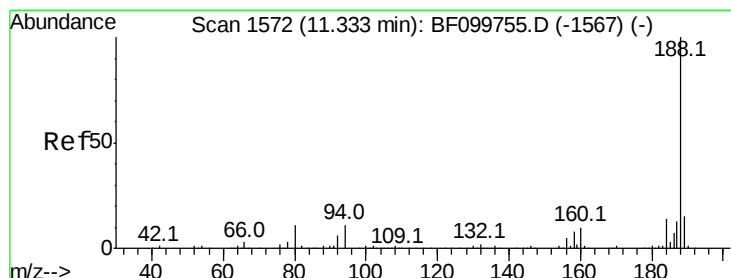
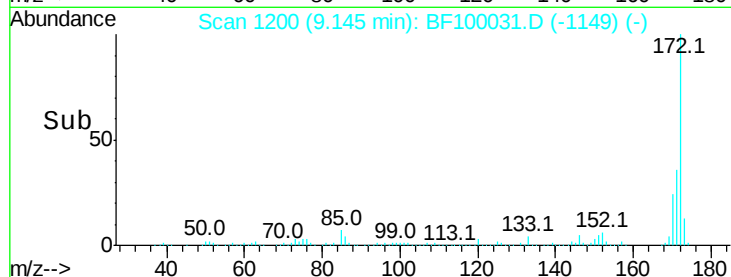
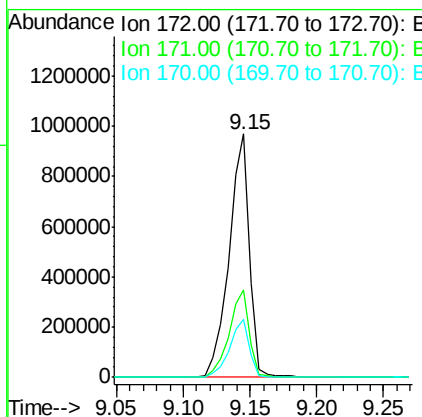
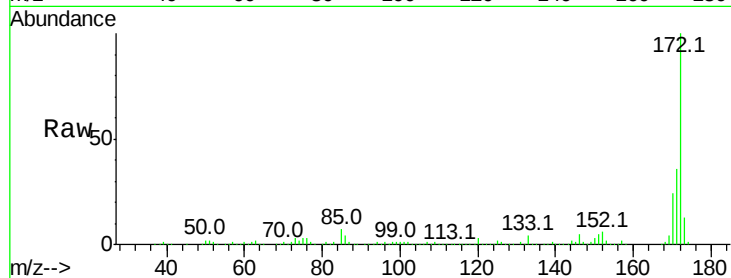


#44
 2-Fluorobiphenyl
 Concen: 95.521 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-WEST-COMP(0-3)

Tot Ion:172 Resp: 1046449

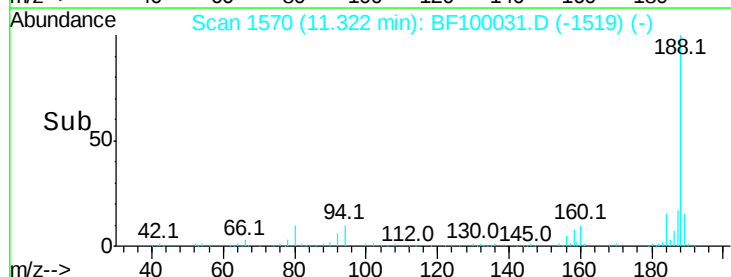
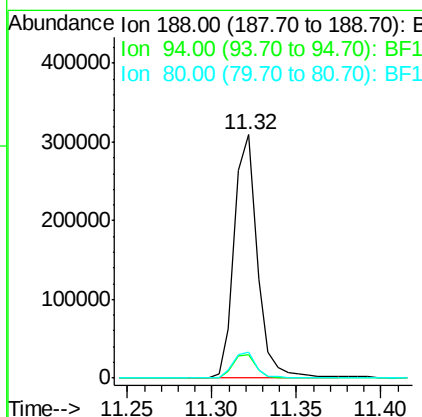
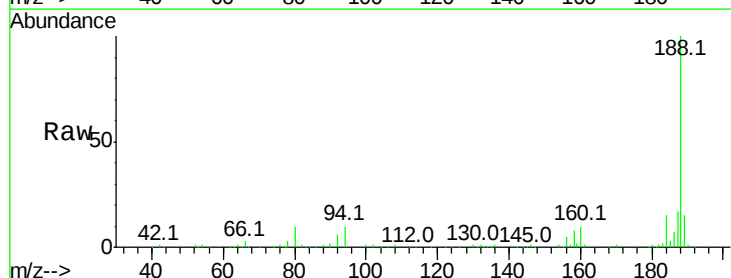
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

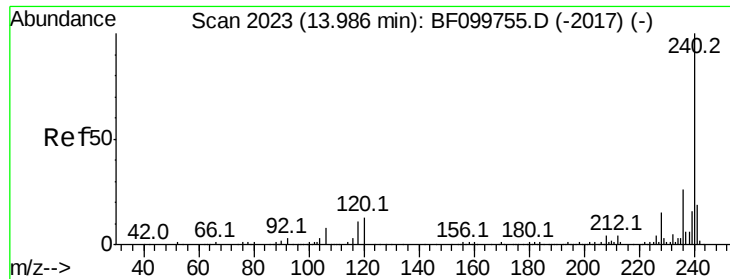


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Tgt Ion:188 Resp: 295036

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8

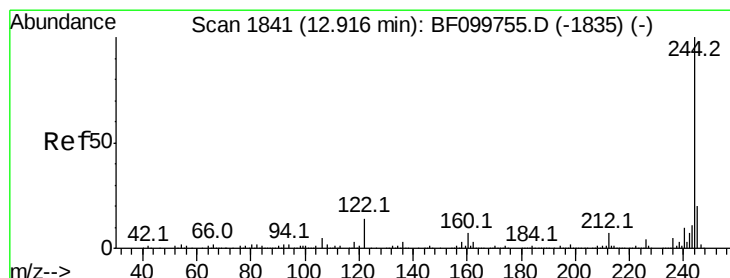
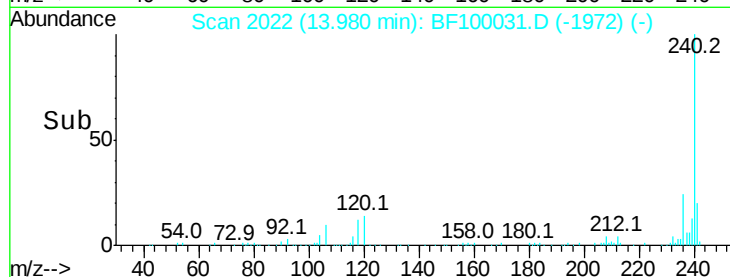
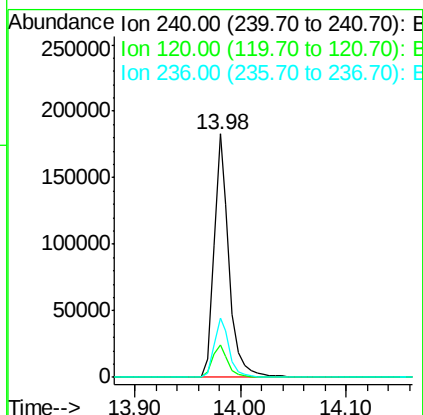
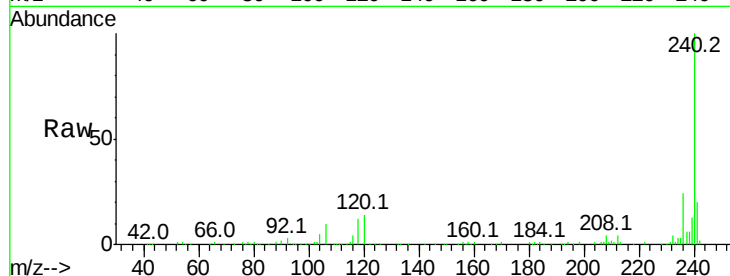




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

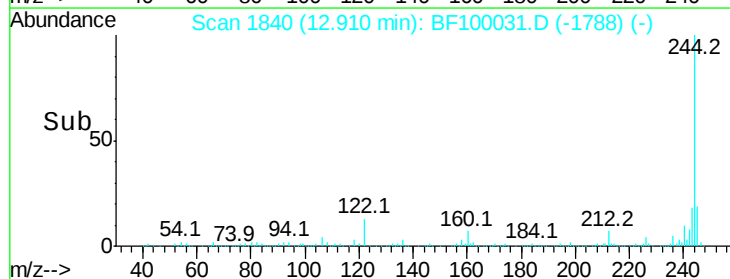
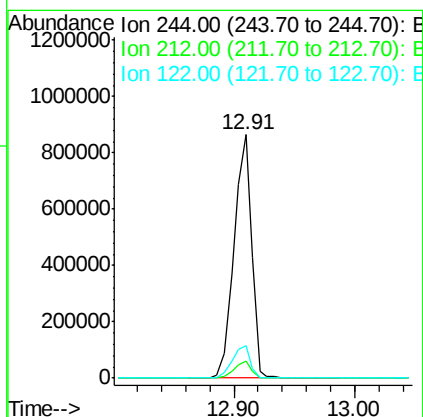
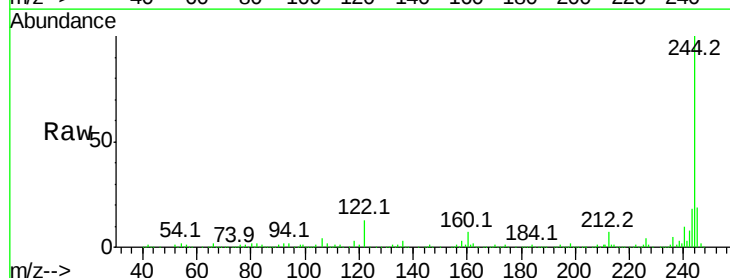
Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-WEST-COMP(0-3)

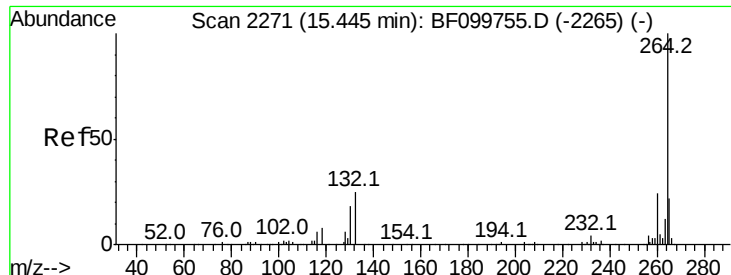
Tot Ion:240 Resp: 183808
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 24.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 104.985 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100031.D
 Acq: 1 Nov 2017 6:54

Tgt Ion:244 Resp: 883014
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4

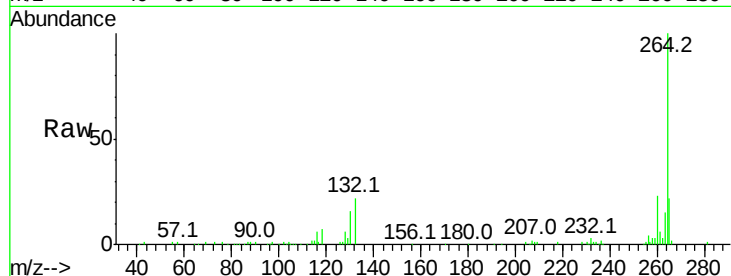




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF100031.D
Acq: 1 Nov 2017 6:54

Instrument :
BNA_F
ClientSampleId :
COMMACK-WEST-COMP(0-3)

Tot Ion:264 Resp: 153461
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.7 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

