

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100033.D
 Acq On : 1 Nov 2017 7:44
 Operator : SJ/JU
 Sample : I6094-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Nov 01 09:00:08 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	87052	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	359098	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	168300	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	293682	20.00	ng	0.00
75) Chrysene-d12	13.97	240	186349	20.00	ng	-0.01
86) Perylene-d12	15.46	264	152661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	683540	123.28	ng	0.02
7) Phenol-d6	6.43	99	754892	114.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	506315	90.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	205265	133.83	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1058013	96.99	ng	0.00
78) Terphenyl-d14	12.91	244	896322	105.11	ng	0.00

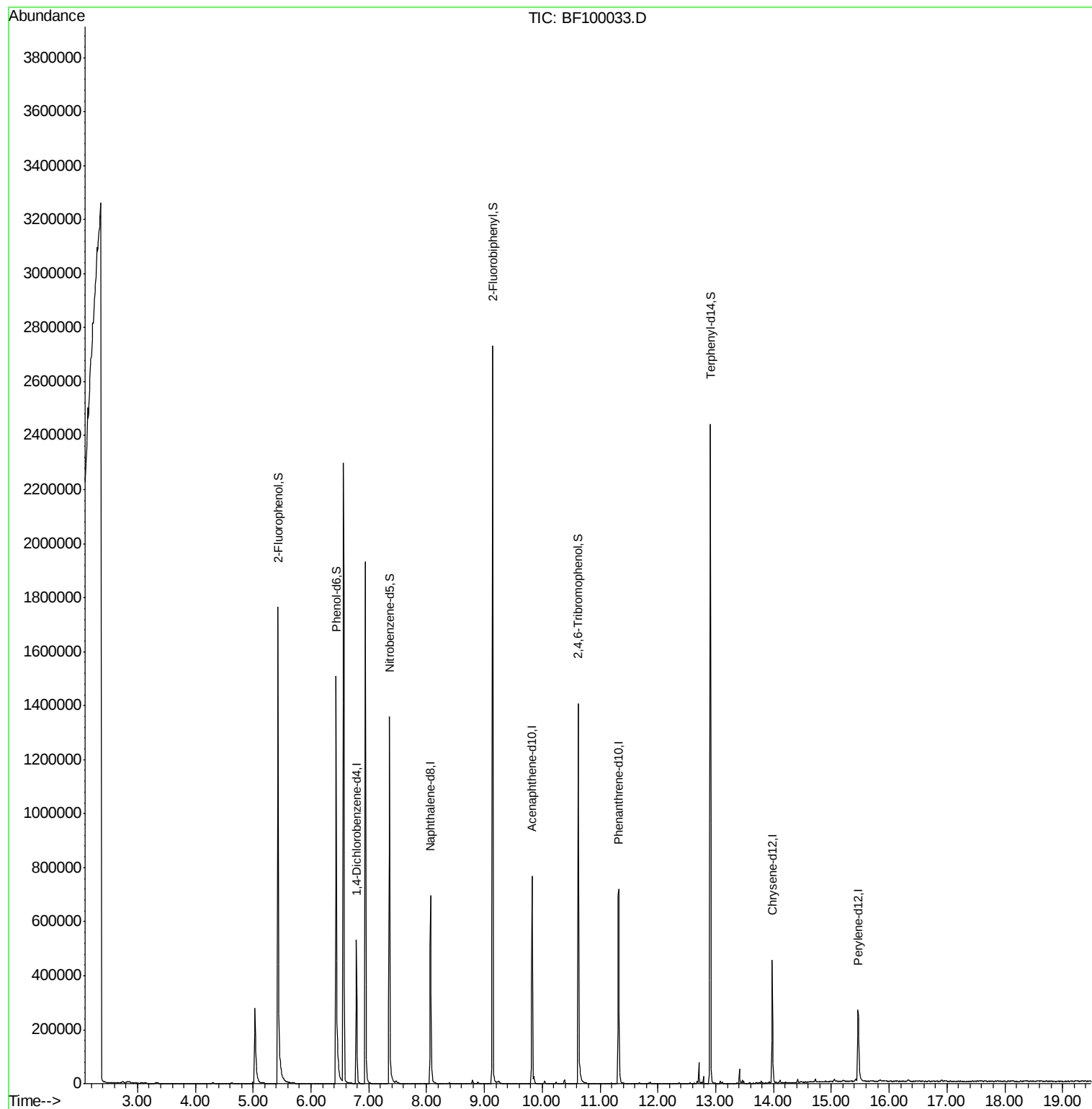
Target Compounds	Qvalue
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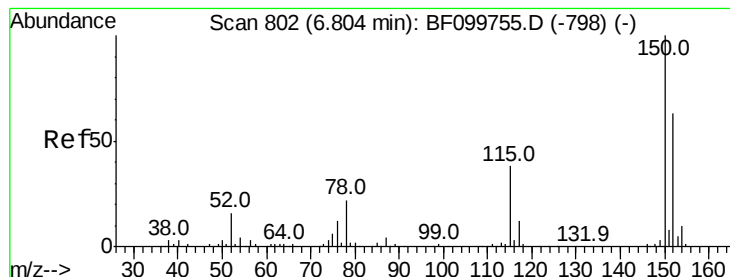
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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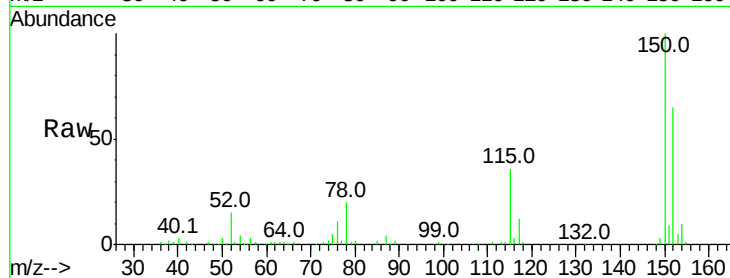


#1

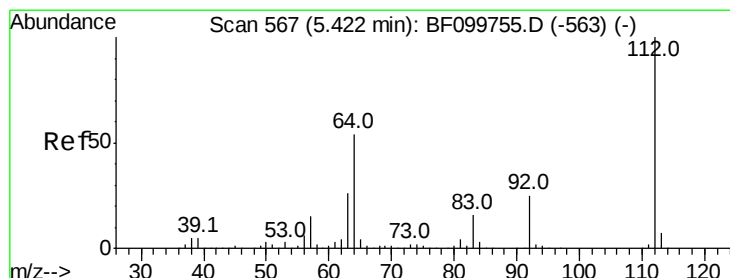
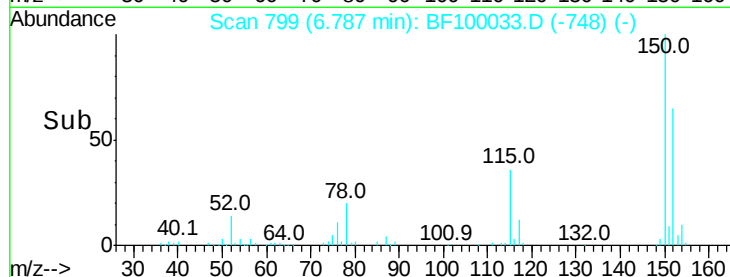
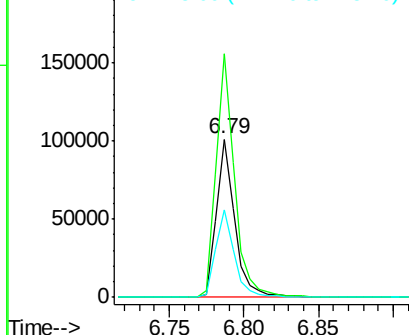
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

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

Tot Ion:152 Resp: 87052
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 55.6 50.1 75.1



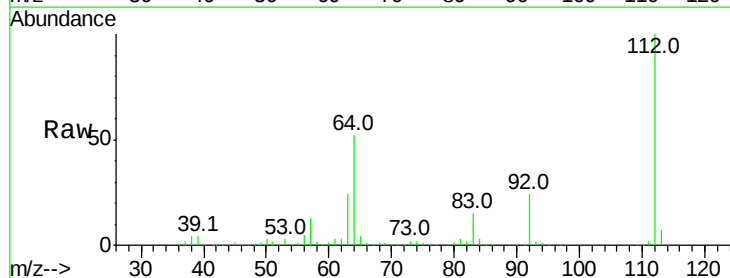
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



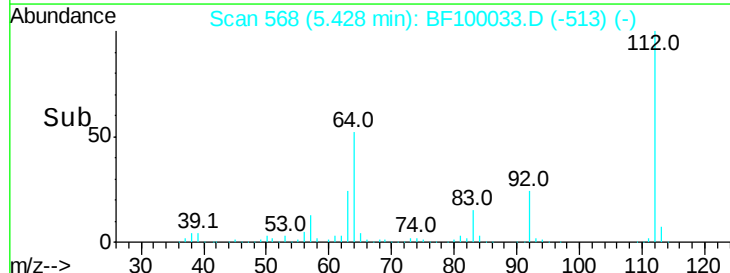
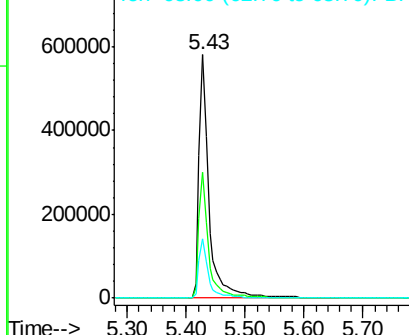
#5

2-Fluorophenol
Concen: 123.275 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

Tgt Ion:112 Resp: 683540
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.1 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: 114.819 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100033.D

Acq: 1 Nov 2017 7:44

Instrument :

BNA_F

ClientSampleId :

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

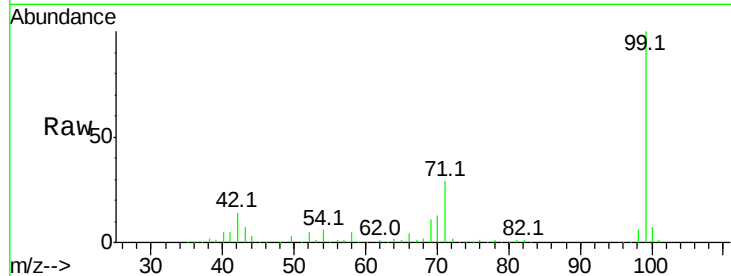
Tot Ion: 99 Resp: 754892

Ion Ratio Lower Upper

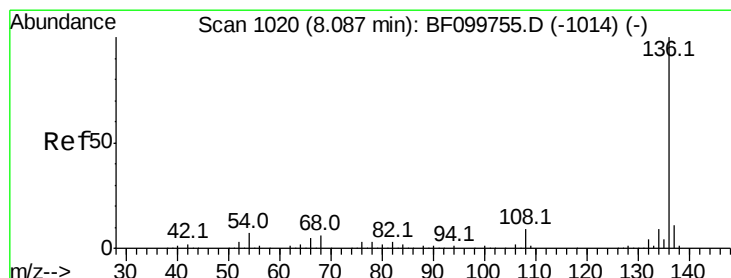
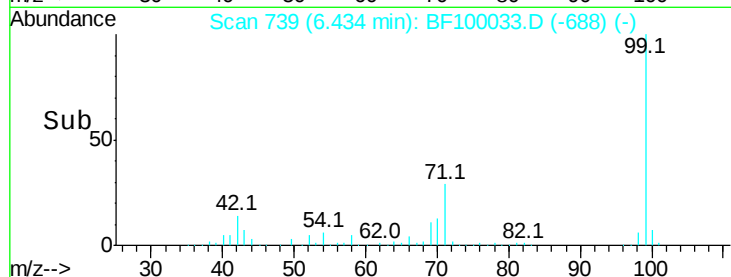
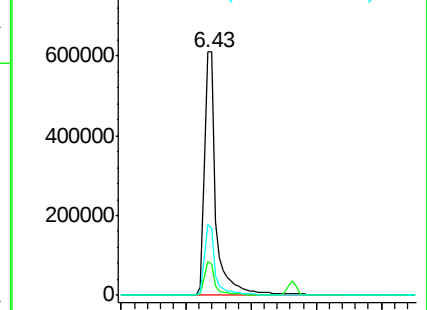
99 100

42 13.9 14.5 21.7#

71 29.3 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: BF100033.D

Acq: 1 Nov 2017 7:44

Tgt Ion: 136 Resp: 359098

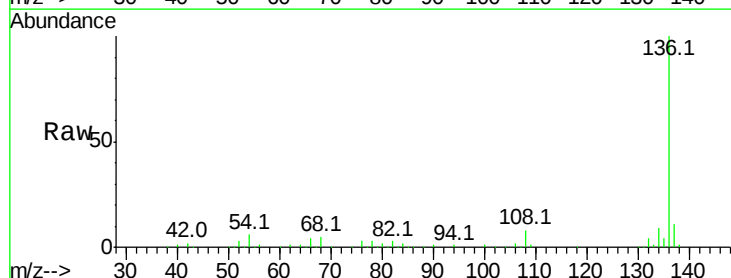
Ion Ratio Lower Upper

136 100

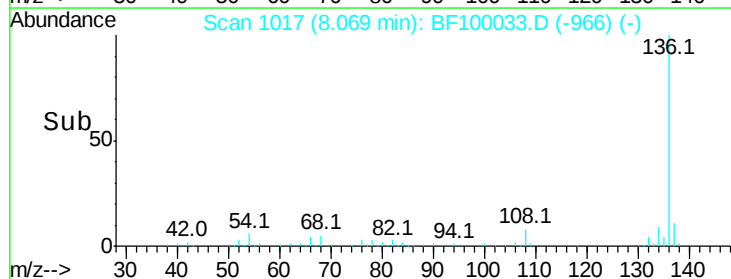
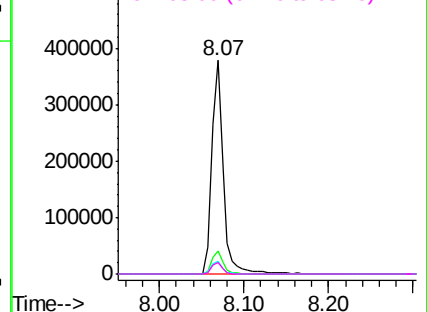
137 10.7 8.9 13.3

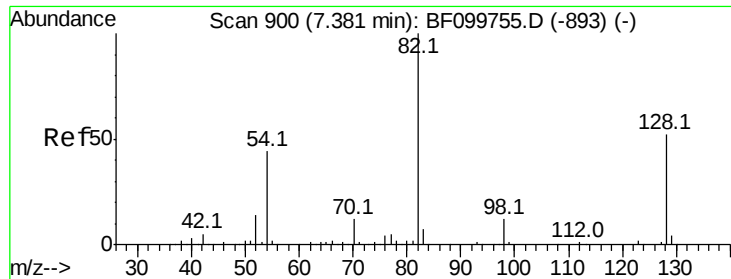
54 6.2 6.6 9.8#

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

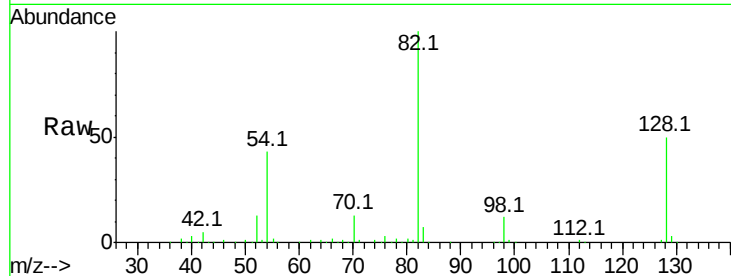




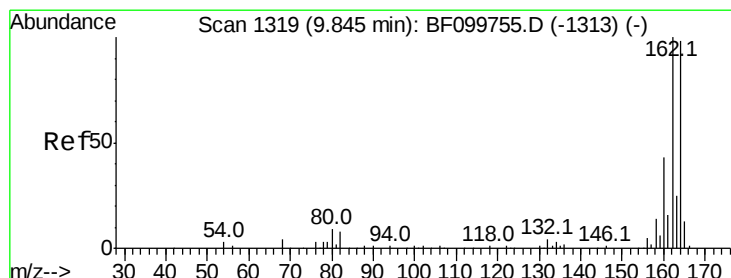
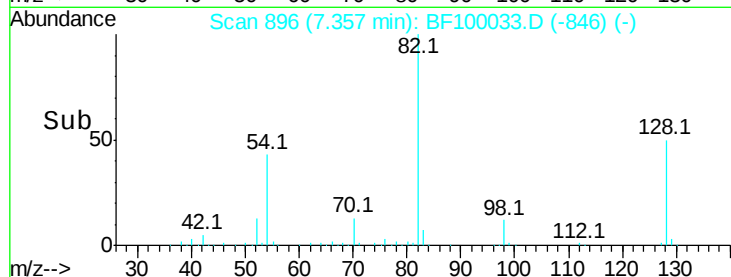
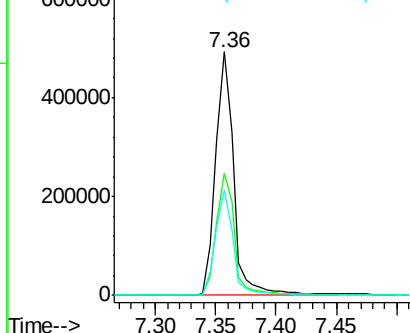
#23
 Nitrobenzene-d5
 Concen: 90.774 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

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

Tot Ion: 82 Resp: 506315
 Ion Ratio Lower Upper
 82 100
 128 50.2 36.1 54.1
 54 43.2 41.4 62.2

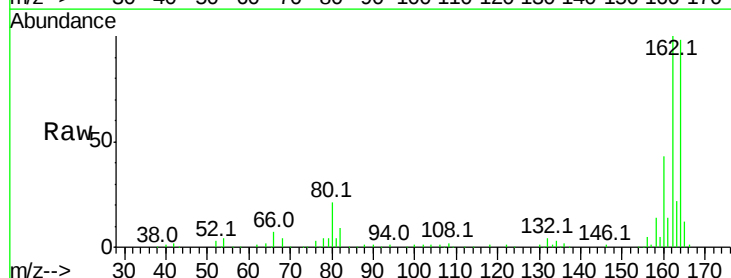


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

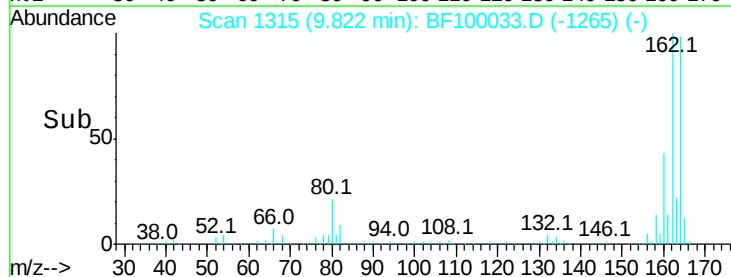
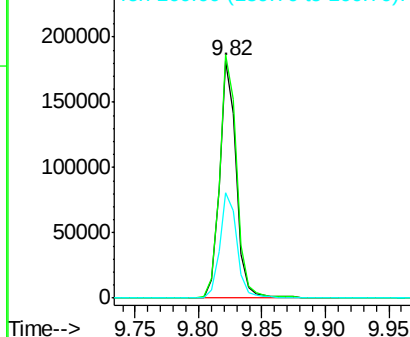


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

Tgt Ion: 164 Resp: 168300
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 44.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

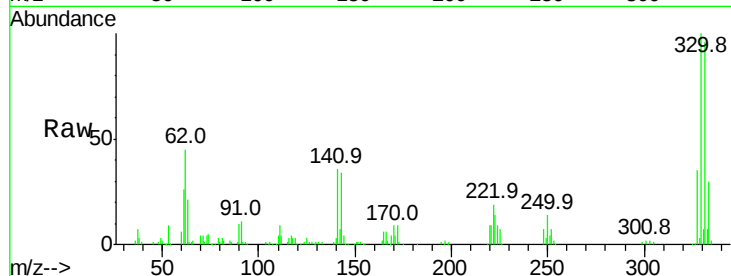




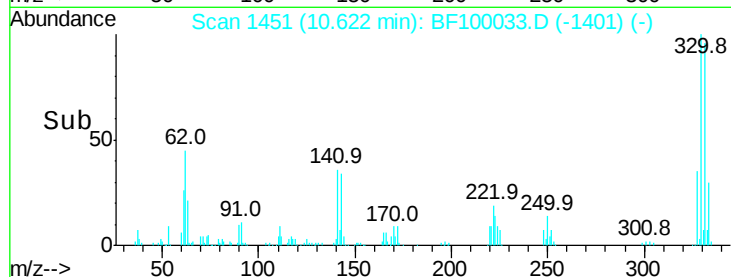
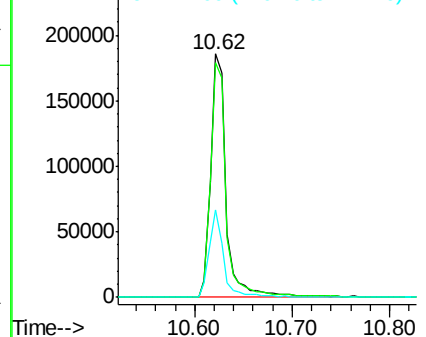
#41
 2,4,6-Tribromophenol
 Concen: 133.832 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	33.6	29.9	44.9

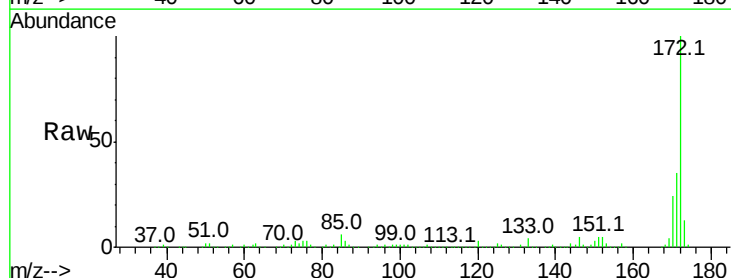


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

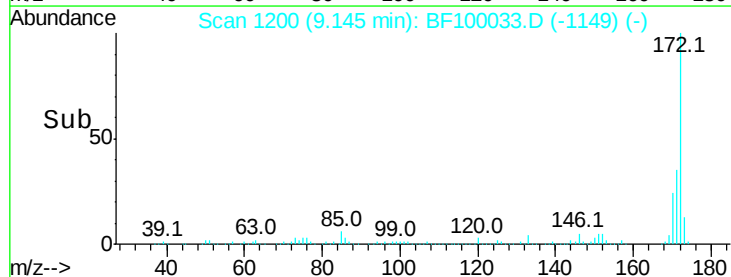
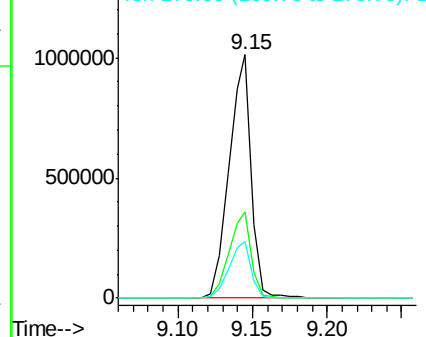


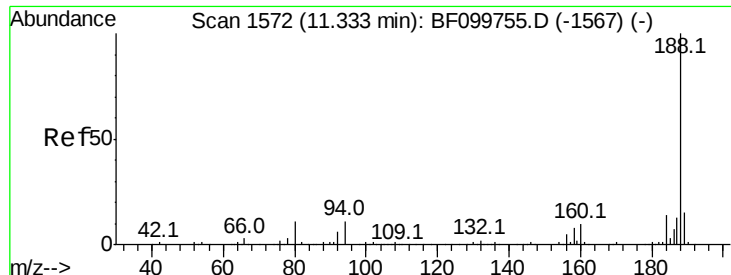
#44
 2-Fluorobiphenyl
 Concen: 96.990 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.5	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

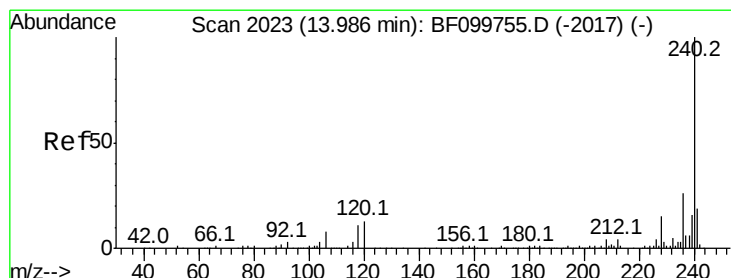
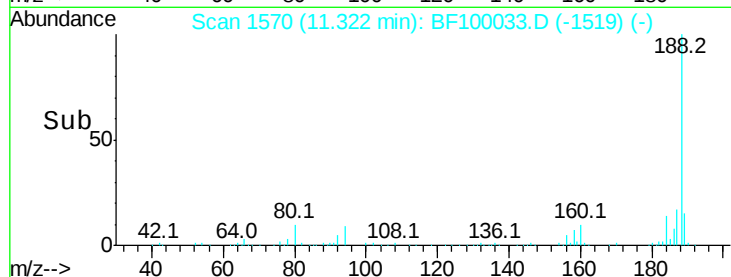
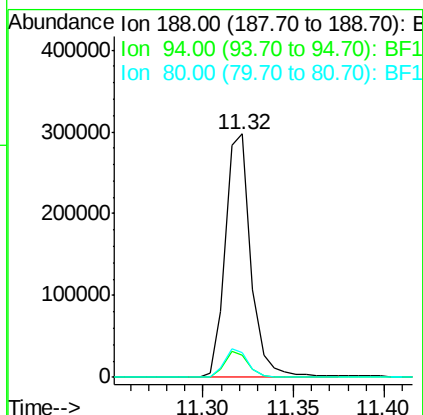
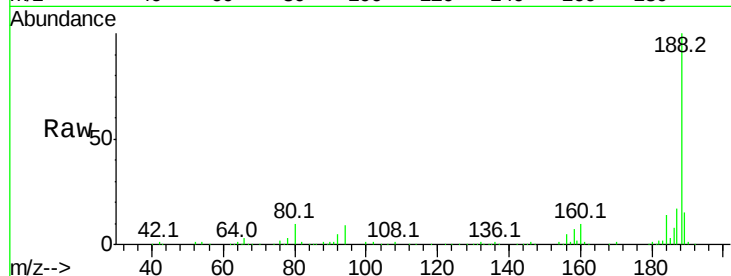




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

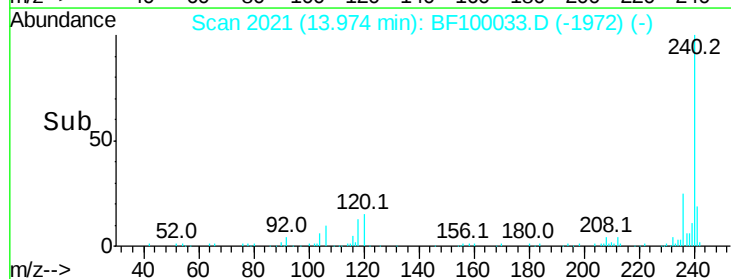
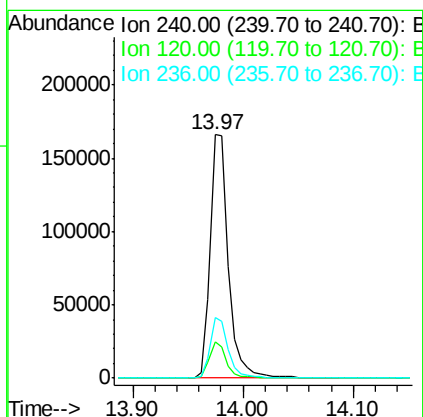
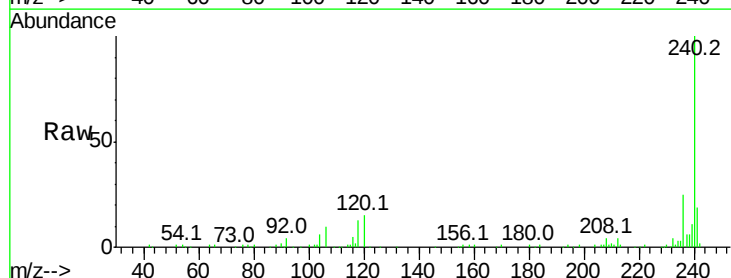
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S-18THST-EAST-COMP(0-3)

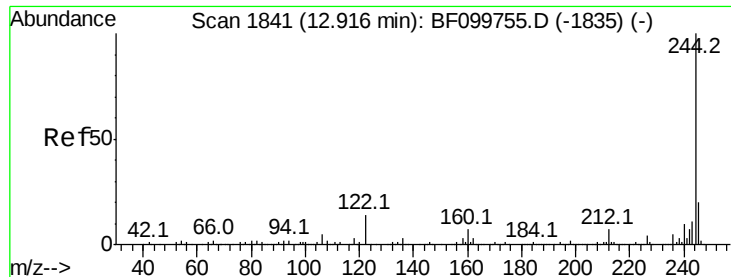
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.1	20.7	31.1





#78

Terphenyl-d14

Concen: 105.114 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100033.D

Acq: 1 Nov 2017 7:44

Instrument :

BNA_F

ClientSampleId :

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

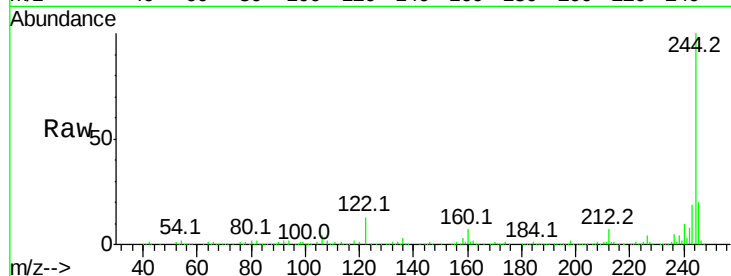
Tot Ion:244 Resp: 896322

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

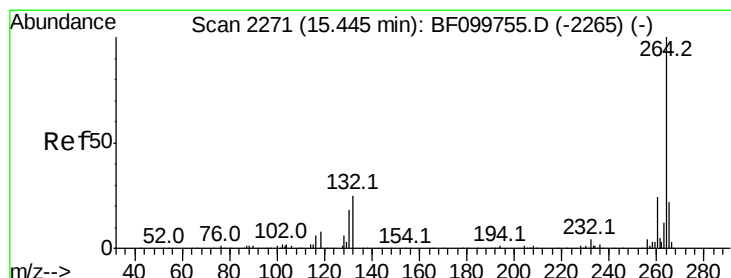
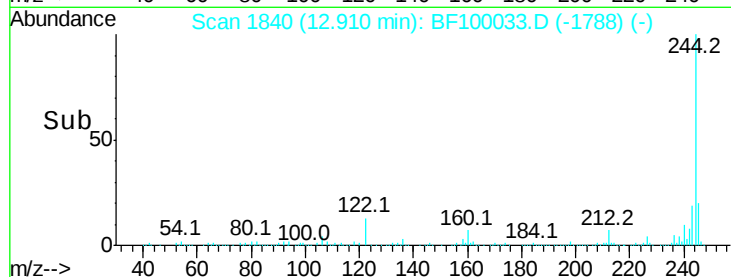
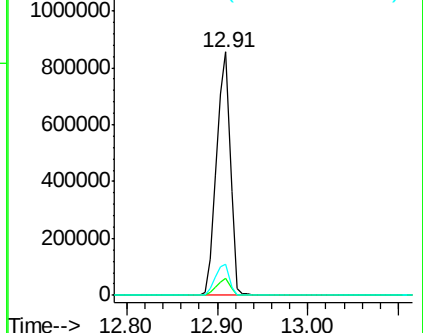
122 12.8 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF100033.D

Acq: 1 Nov 2017 7:44

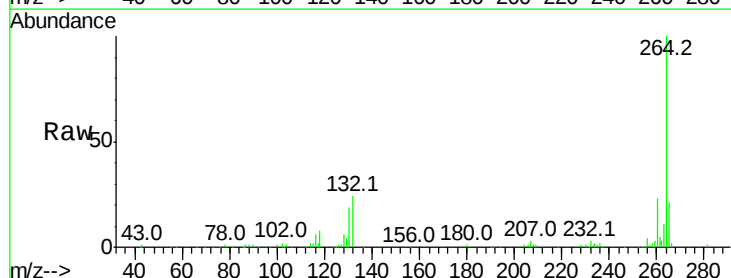
Tgt Ion:264 Resp: 152661

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

