

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 08:44:52 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
9) Benzaldehyde	6.56	77	12800	3.26	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	62989	16.35	ng	# 71
25) Isophorone	7.36	82	506308	50.02	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21290	7.60	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21290	6.31	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	12953	4.19	ng	# 1

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

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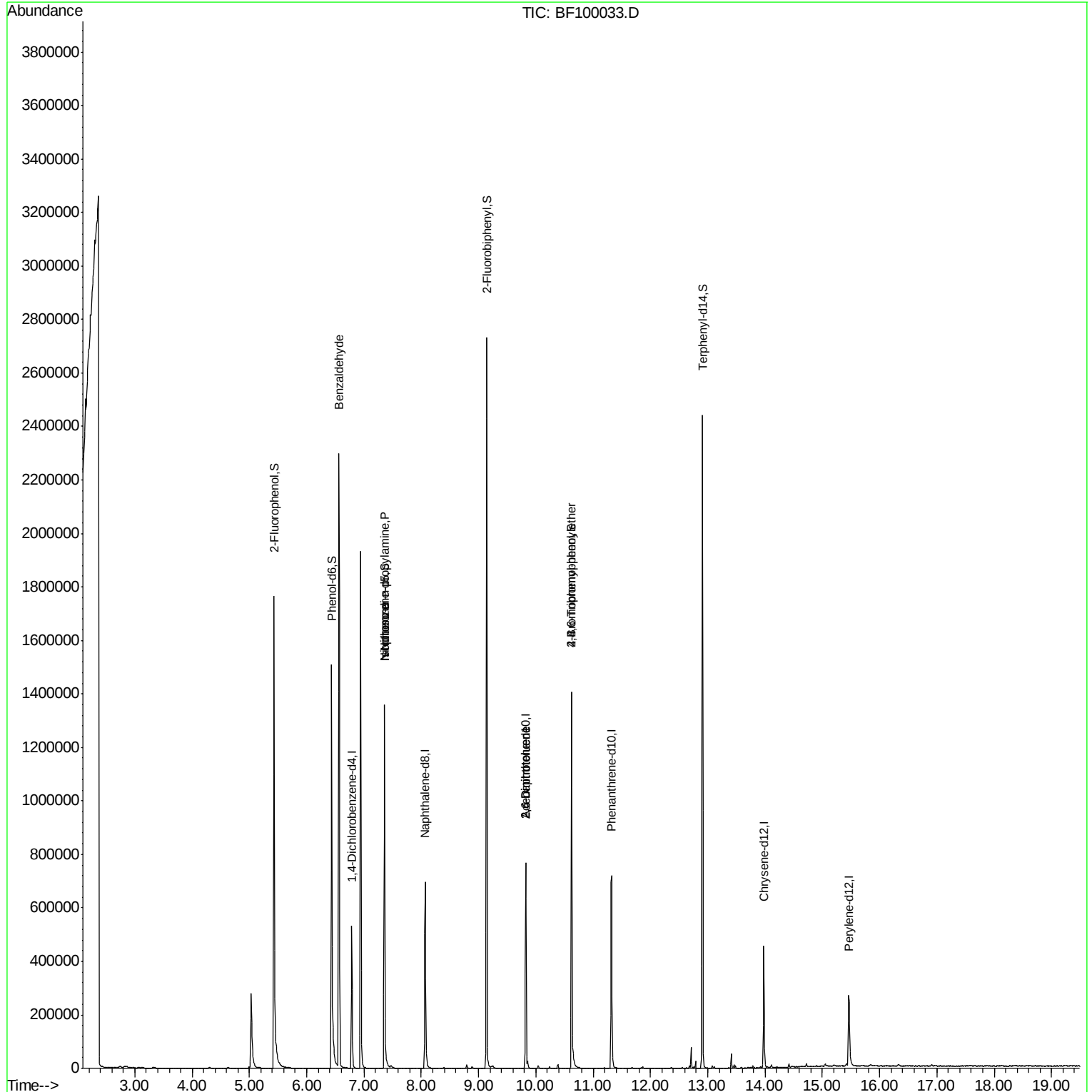
Quant Time: Nov 01 08:44:52 2017

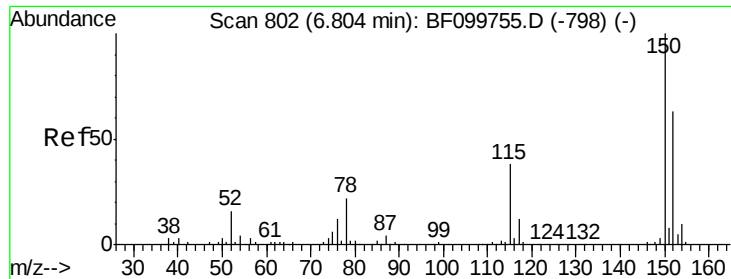
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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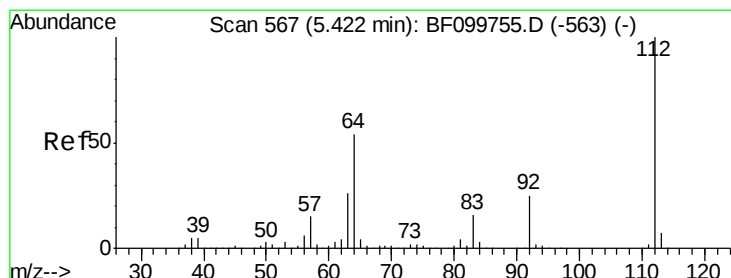
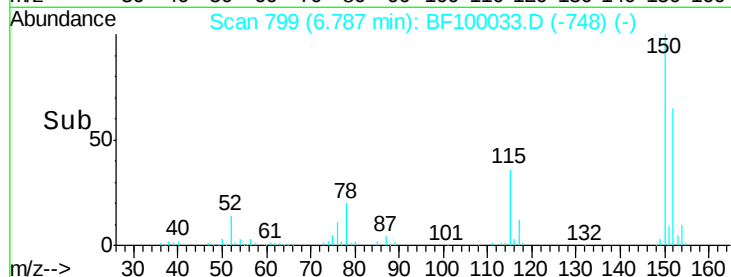
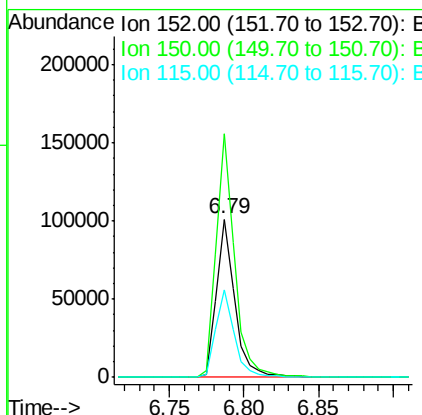
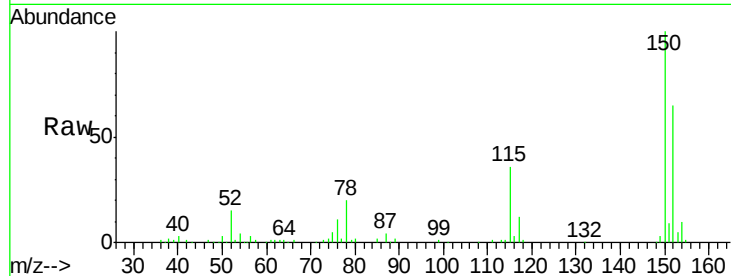




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

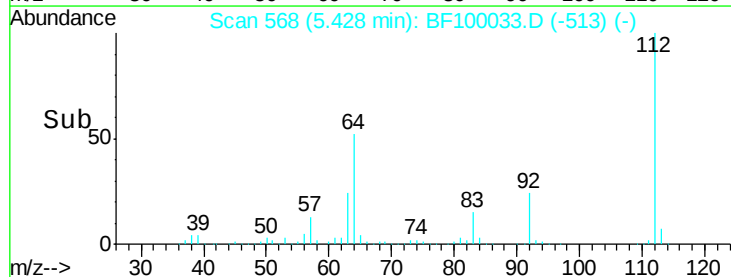
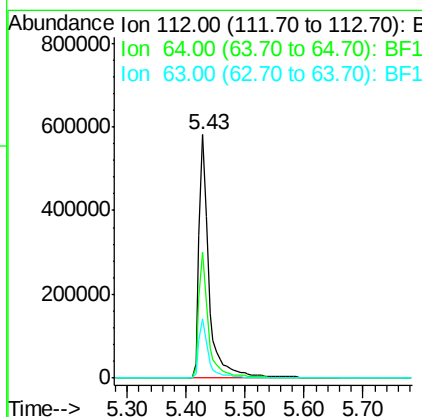
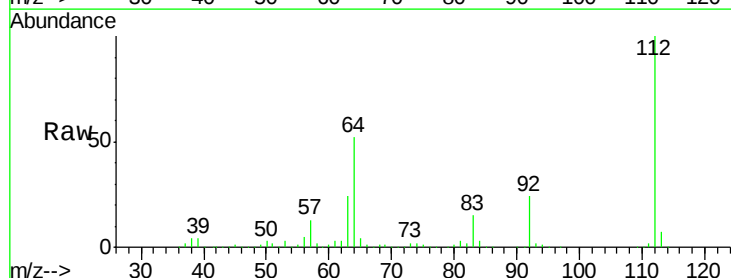
Instrument :
 BNA_F
 ClientSampleId :
 S-18THST-EAST-COMP(0-3)

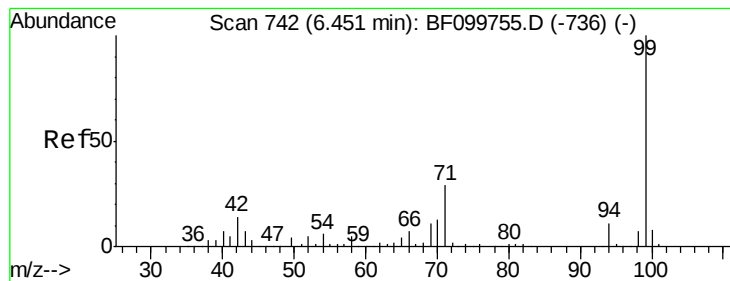
Tgt Ion:152 Resp: 87052
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 55.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 123.28 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





#7

Phenol-d6

Concen: 114.82 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)

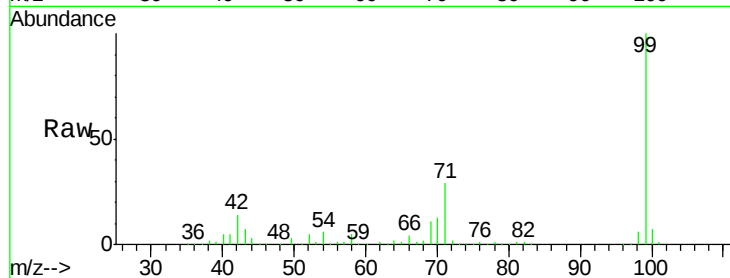
Tgt Ion: 99 Resp: 754892

Ion Ratio Lower Upper

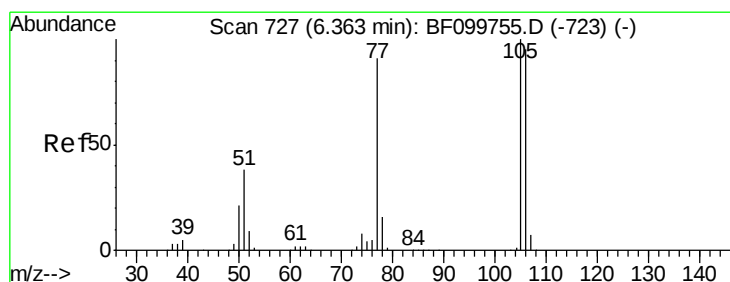
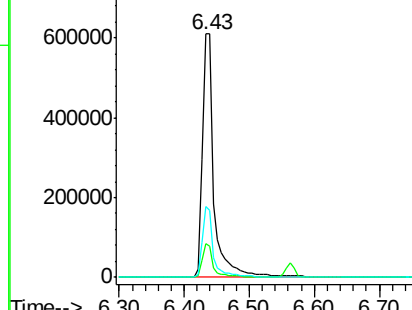
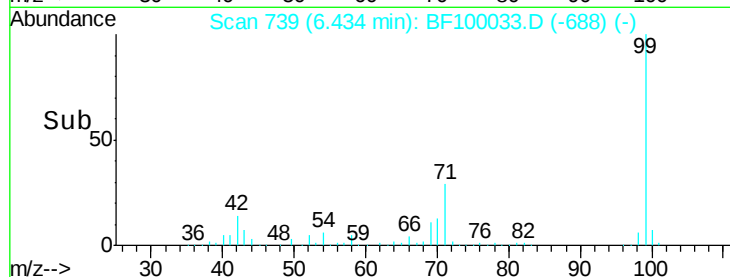
99 100

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



#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100033.D

Acq: 1 Nov 2017 7:44

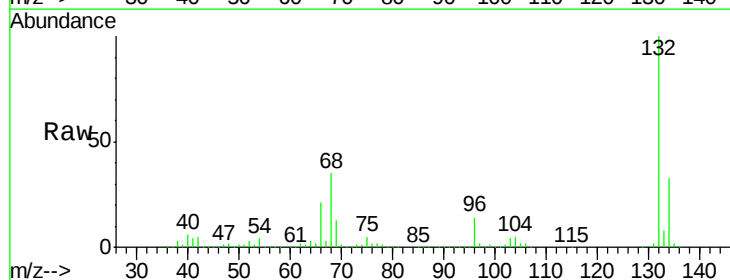
Tgt Ion: 77 Resp: 12800

Ion Ratio Lower Upper

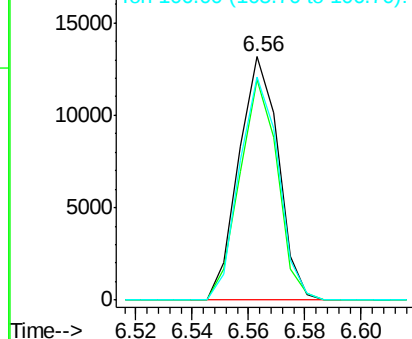
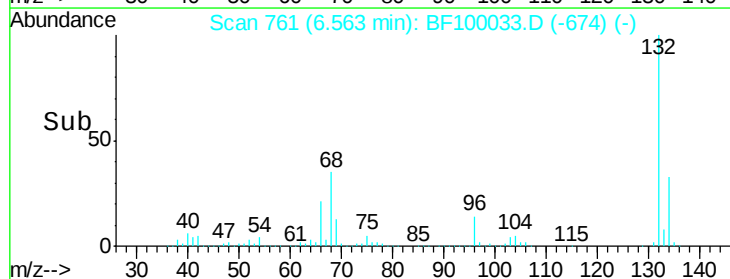
77 100

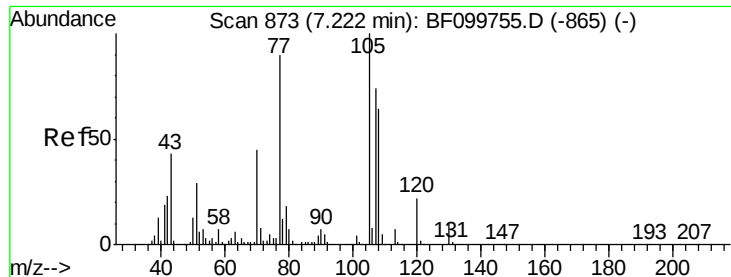
105 90.7 81.1 121.1

106 91.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

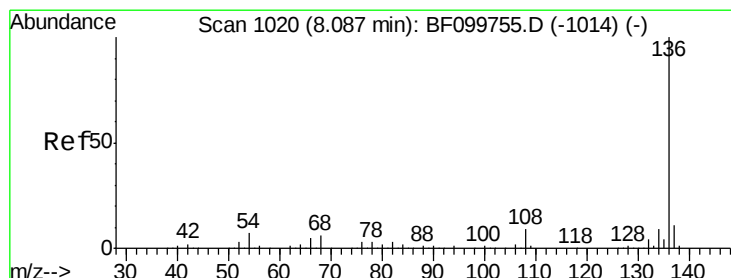
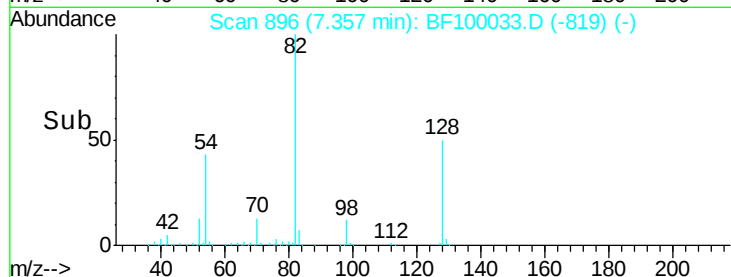
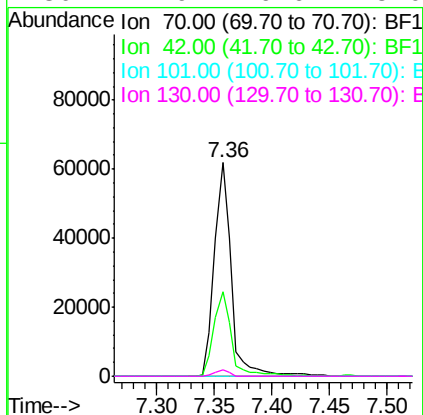
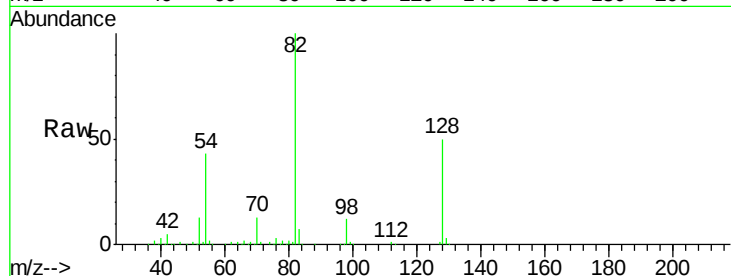




#19
n-Nitroso-di-n-propylamine
Concen: 16.35 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

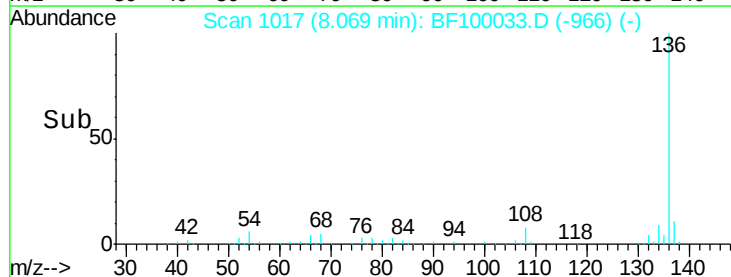
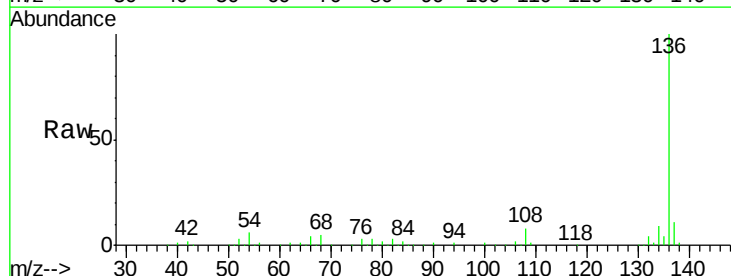
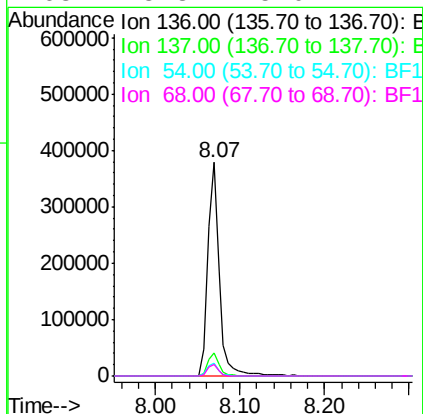
Instrument :
BNA_F
ClientSampleId :
S-18THST-EAST-COMP(0-3)

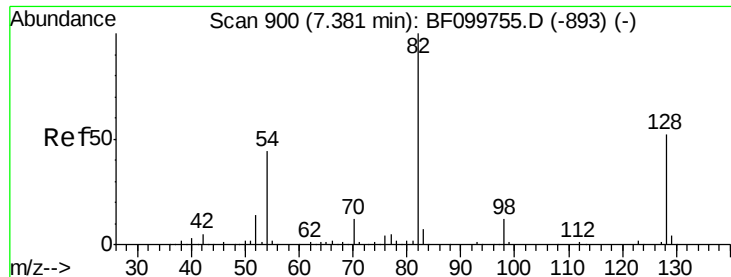
Tgt Ion: 70 Resp: 62989
Ion Ratio Lower Upper
70 100
42 39.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 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

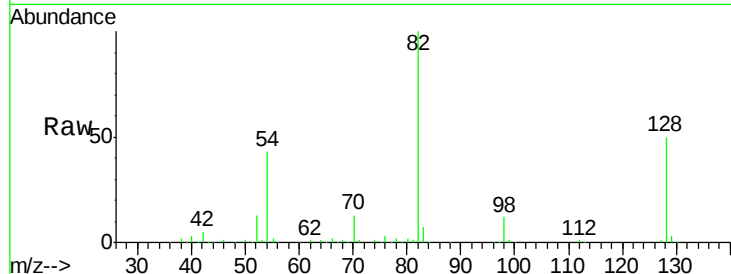




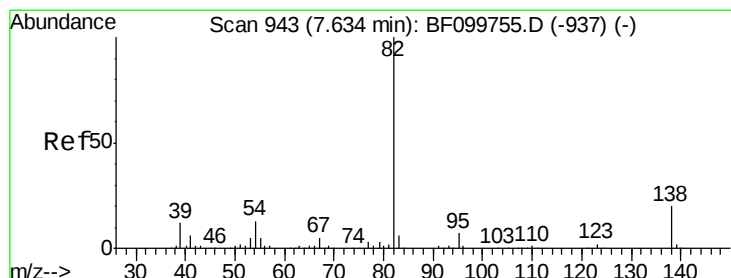
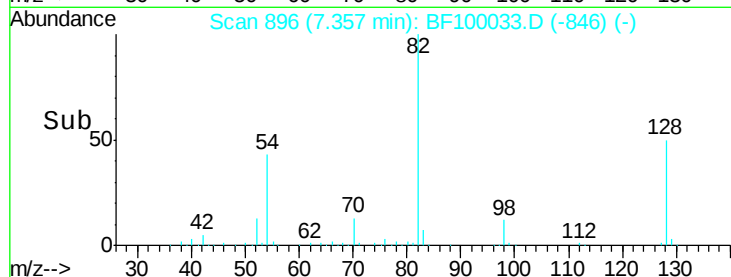
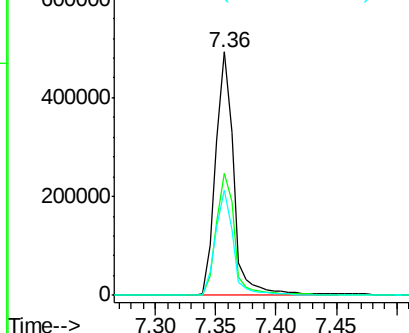
#23
 Nitrobenzene-d5
 Concen: 90.77 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

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

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

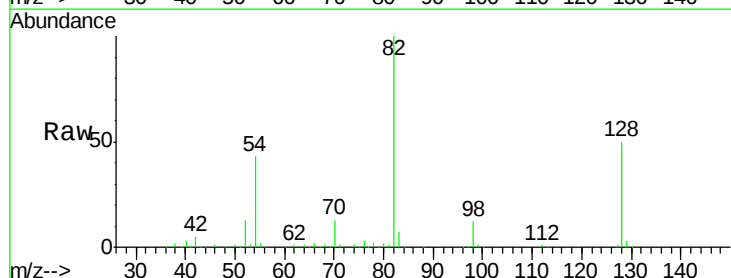


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

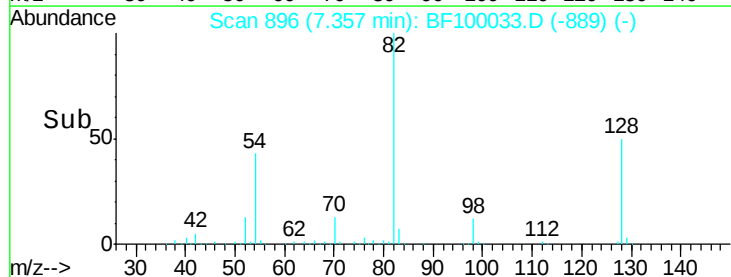
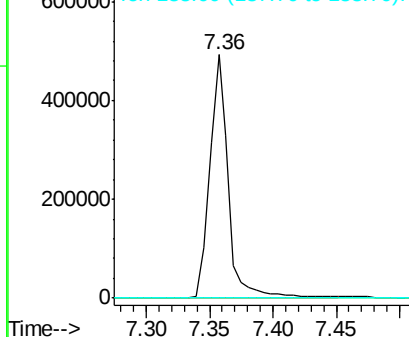


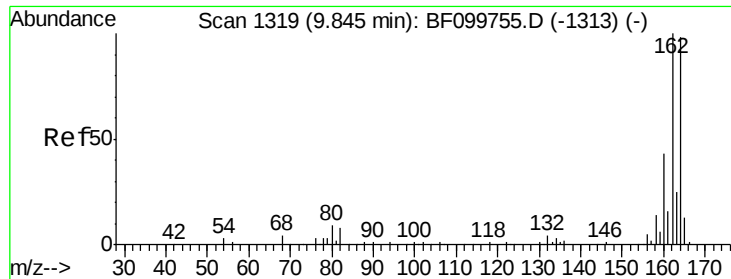
#25
 Isophorone
 Concen: 50.02 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

Tgt Ion: 82 Resp: 506308
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

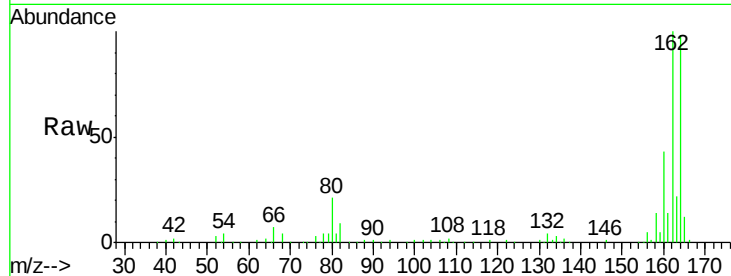




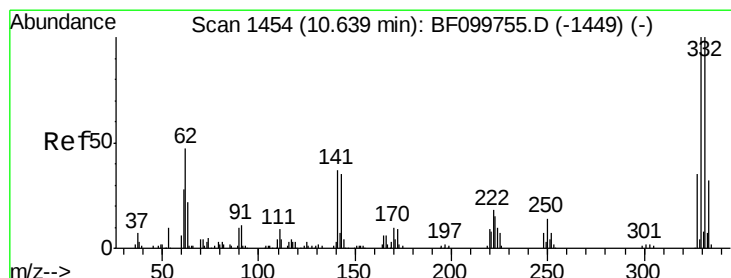
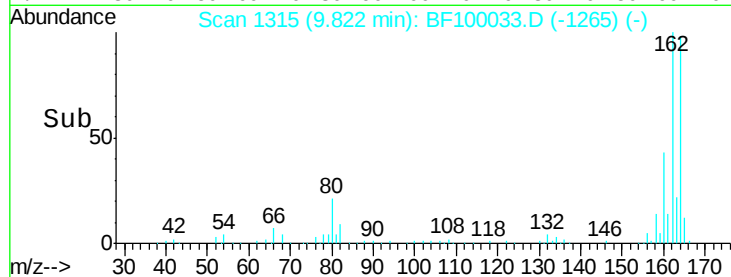
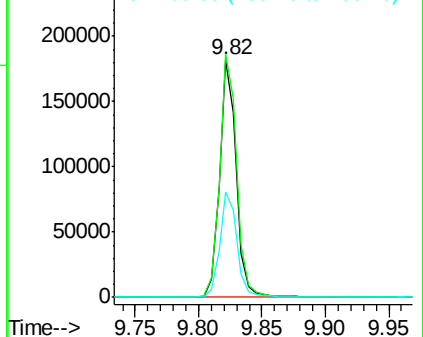
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

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

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

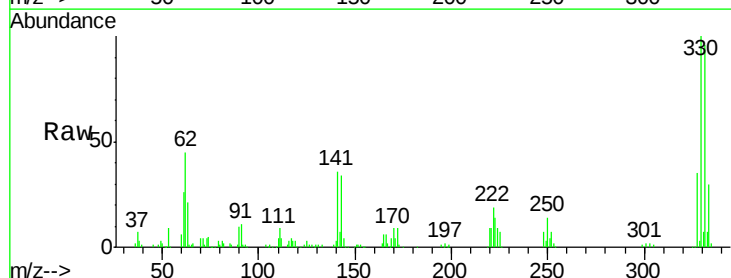


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

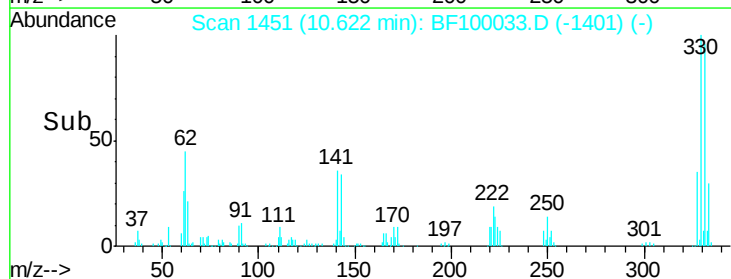
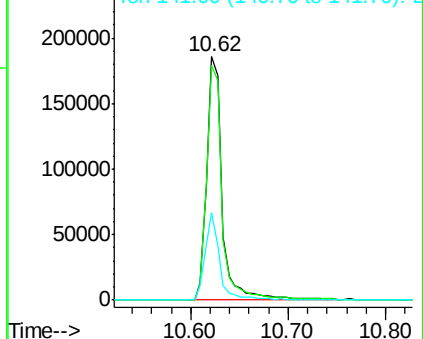


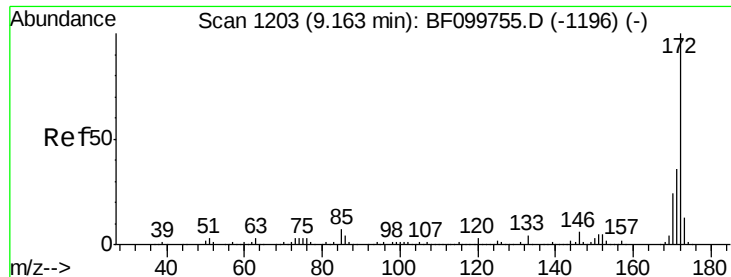
#41
 2,4,6-Tribromophenol
 Concen: 133.83 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

Tgt Ion:330 Resp: 205265
 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

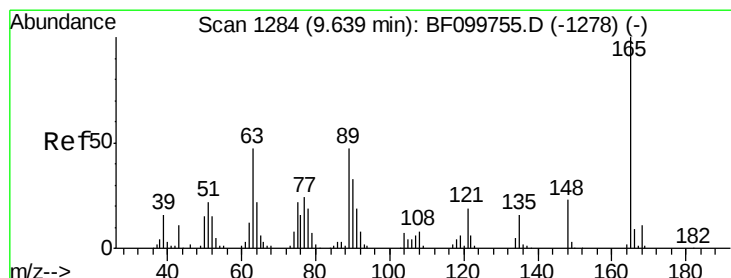
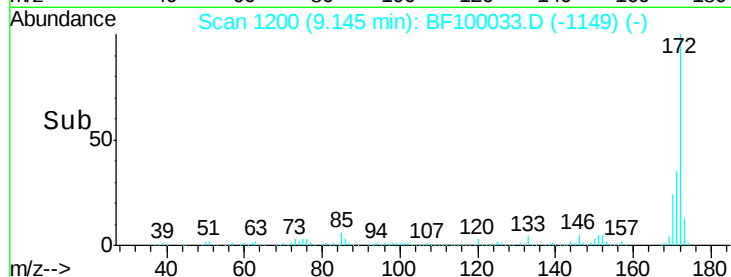
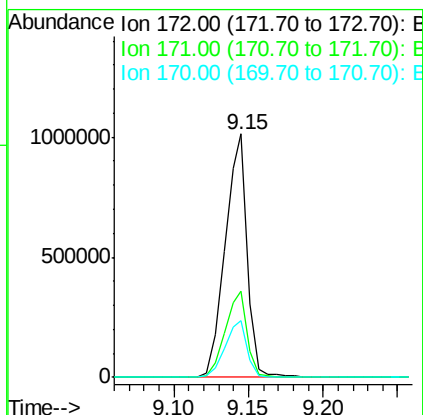
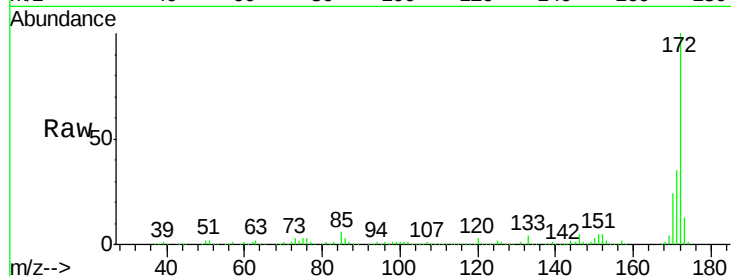




#44
 2-Fluorobiphenyl
 Concen: 96.99 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

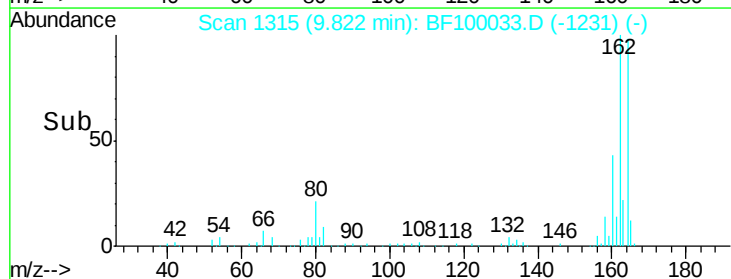
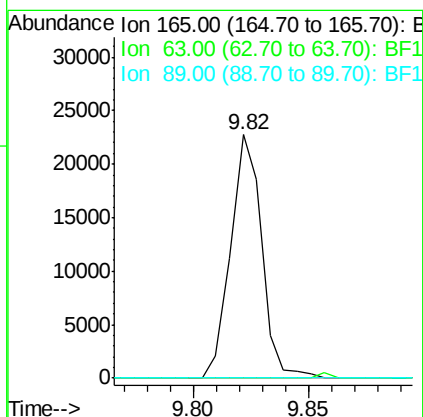
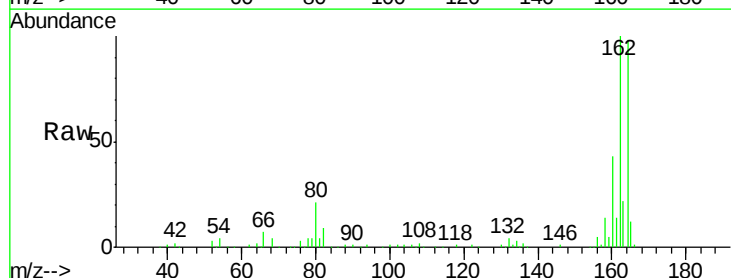
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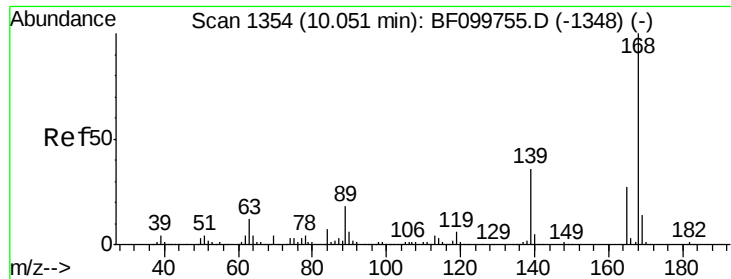
Tgt Ion:172 Resp: 1058013
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.5 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

Tgt Ion:165 Resp: 21290
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

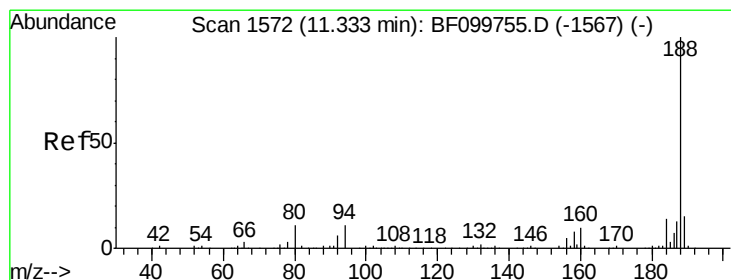
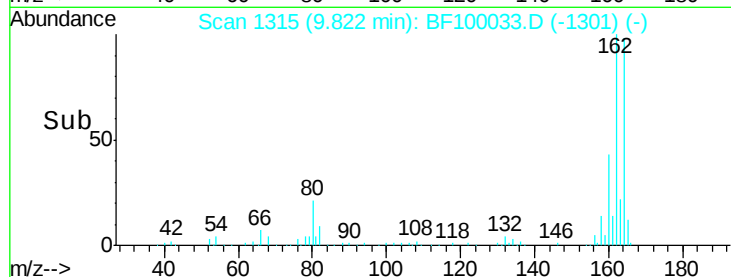
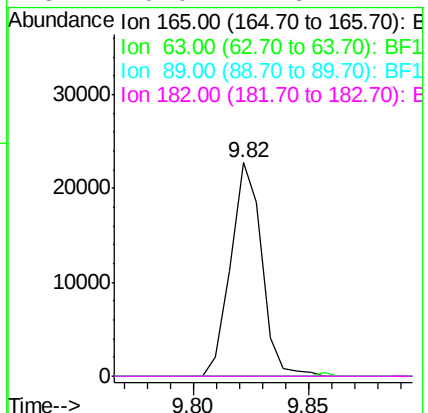
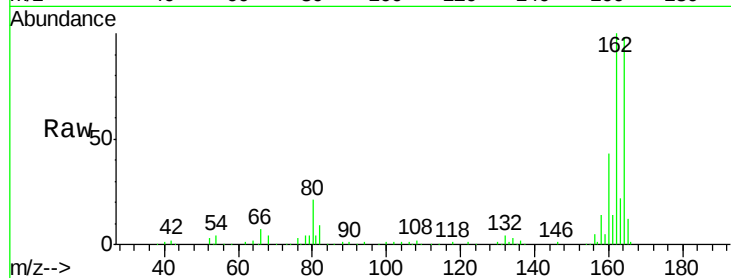




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

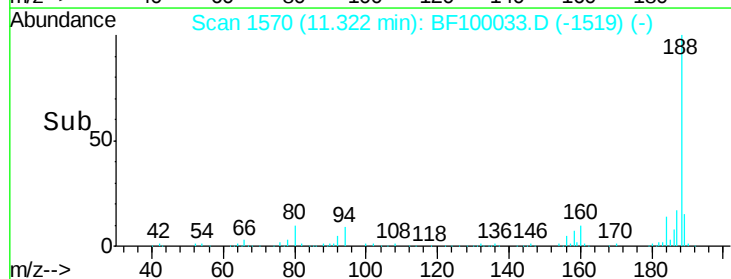
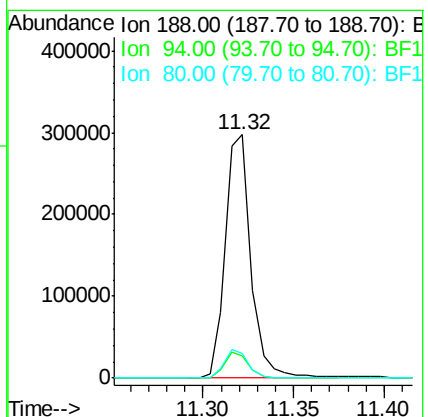
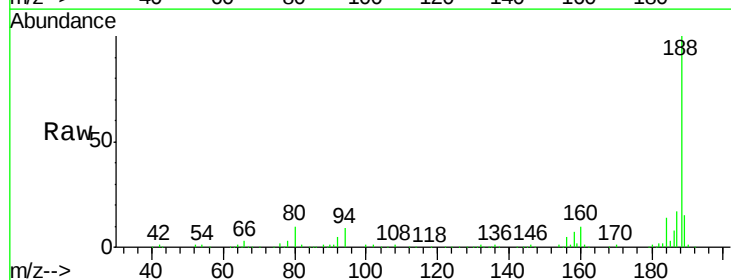
Instrument :
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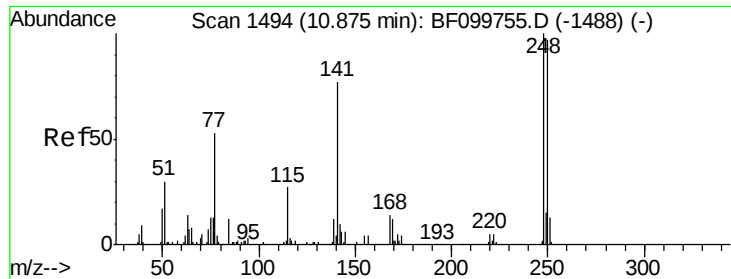
Tgt Ion:	165	Resp:	21290
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

Tgt Ion:	188	Resp:	293682
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8

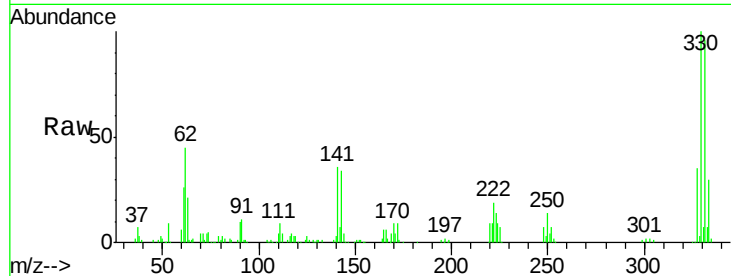




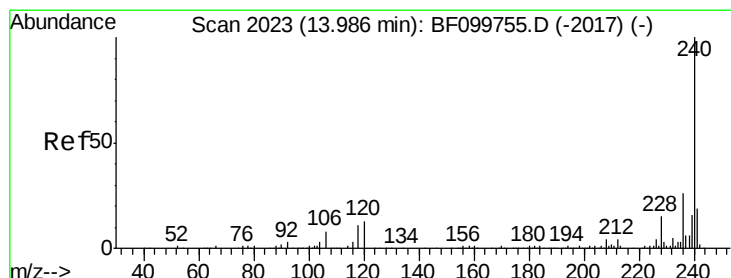
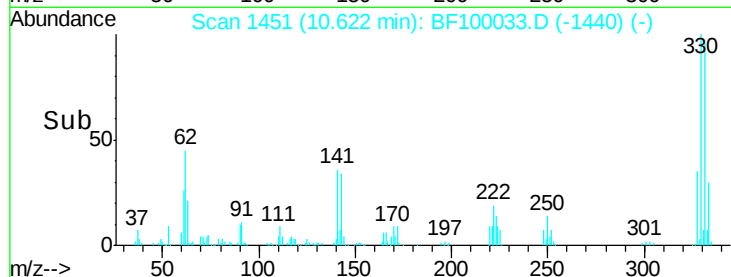
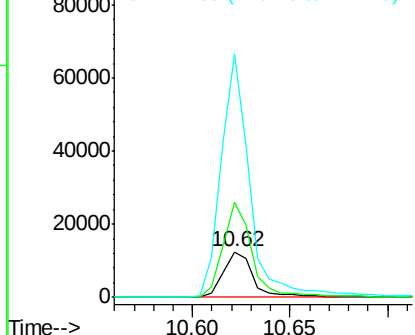
#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

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

Tgt Ion:248 Resp: 12953
Ion Ratio Lower Upper
248 100
250 209.5 76.9 115.3#
141 533.4 74.4 111.6#

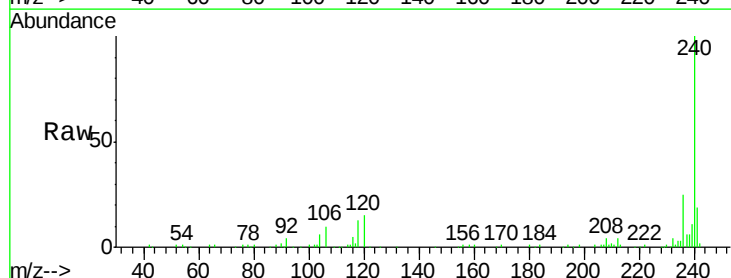


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

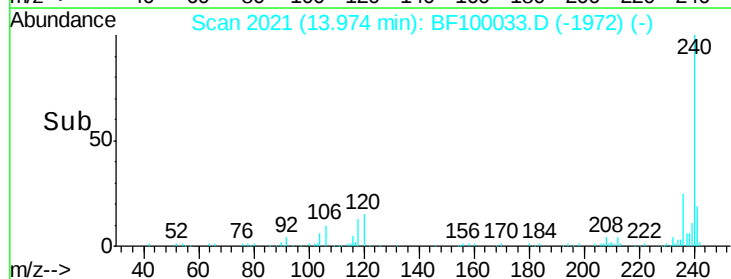
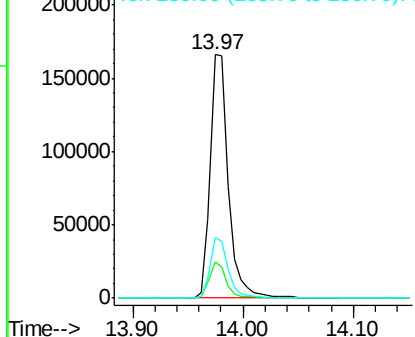


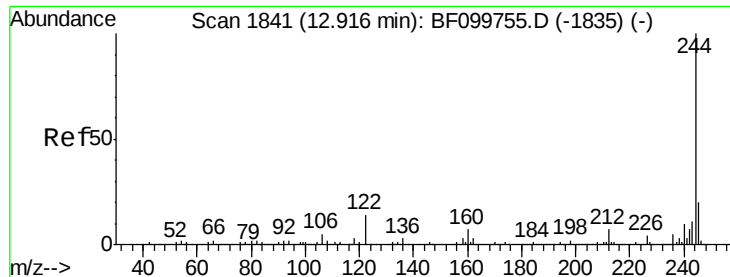
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100033.D
Acq: 1 Nov 2017 7:44

Tgt Ion:240 Resp: 186349
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.1 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

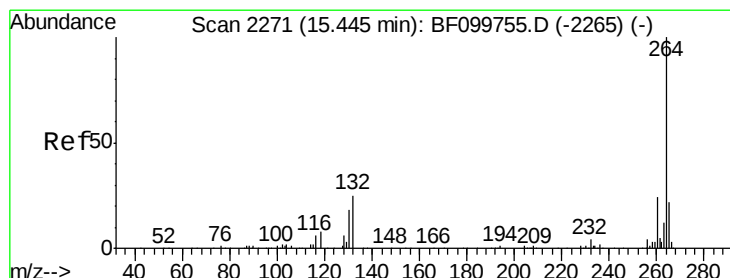
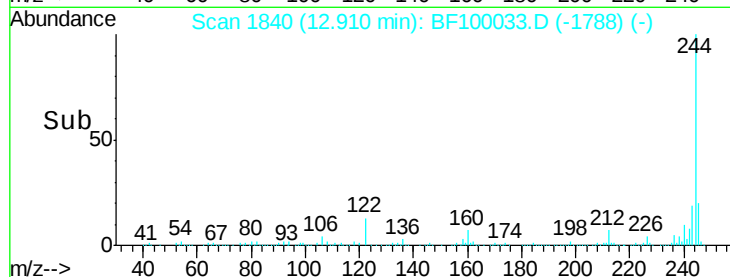
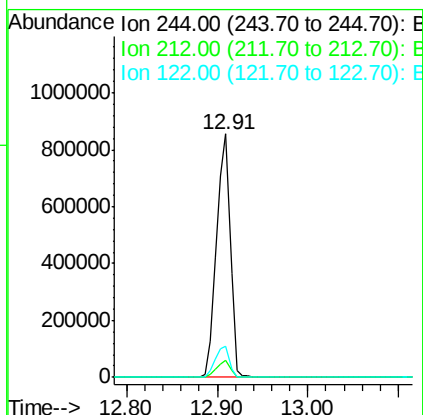
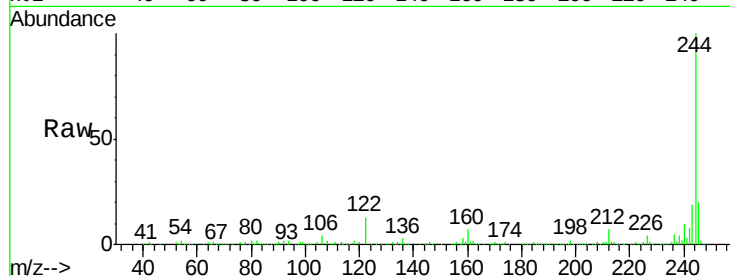




#78
 Terphenyl-d14
 Concen: 105.11 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100033.D
 Acq: 1 Nov 2017 7:44

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

Tgt Ion: 244 Resp: 896322
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 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

