

Data File : BF100032.D
Acq On : 1 Nov 2017 7:19
Operator : SJ/JU
Sample : I6094-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Nov 01 08:44:33 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	86988	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	364067	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	171707	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	294382	20.00	ng	0.00
75) Chrysene-d12	13.98	240	179974	20.00	ng	0.00
86) Perylene-d12	15.47	264	152156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	657784	118.72	ng	0.02
7) Phenol-d6	6.44	99	713154	108.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	498150	88.09	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	207152	132.38	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1049335	94.29	ng	0.00
78) Terphenyl-d14	12.91	244	888743	107.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	12210	3.11	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.36	70	62778	16.31	ng	# 70
25) Isophorone	7.36	82	498147	48.55	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21336	7.46	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21336	6.20	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	13041	4.21	ng	# 1

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

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COMMACK-EAST-COMP(0-3)

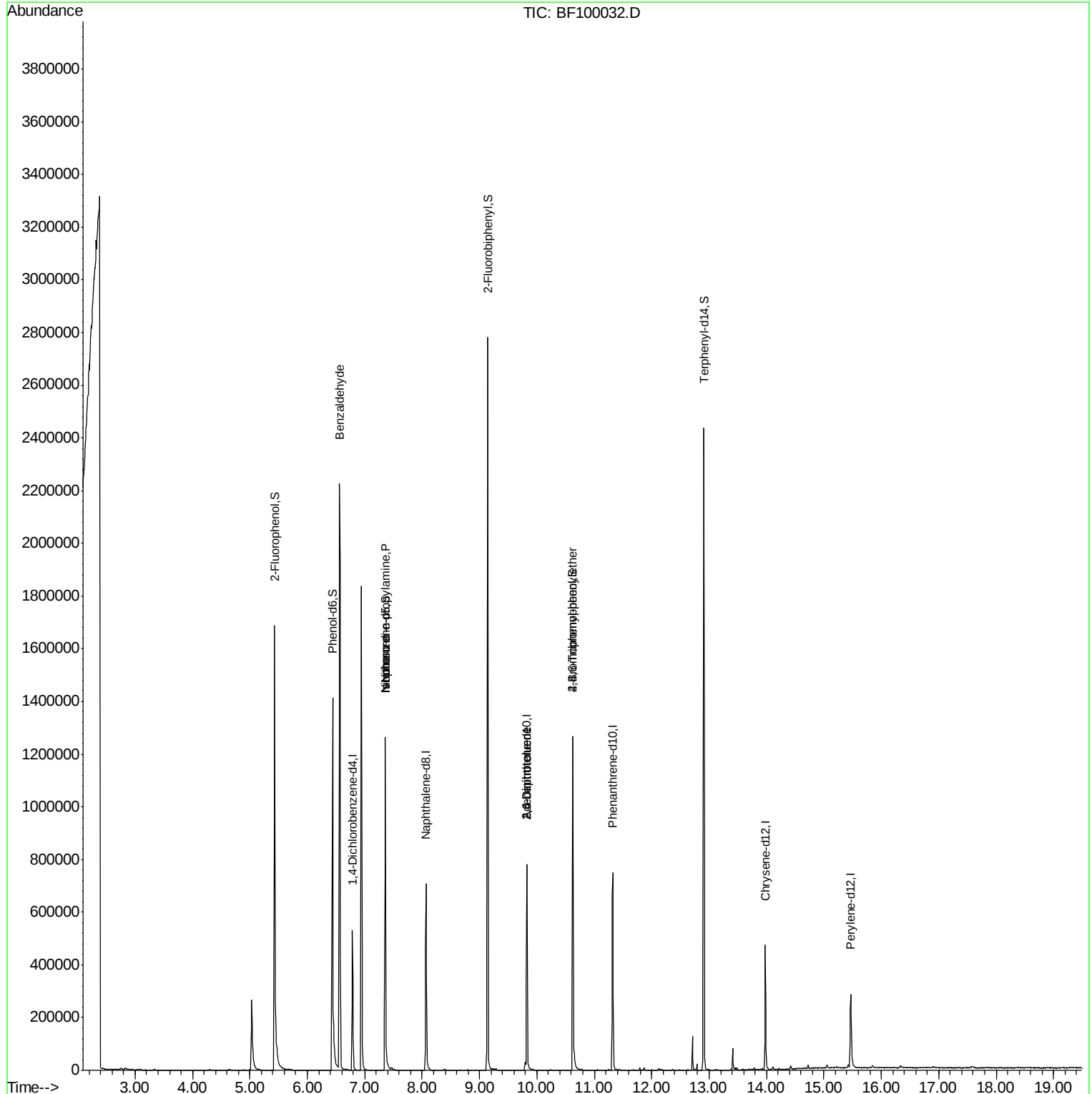
Quant Time: Nov 01 08:44:33 2017

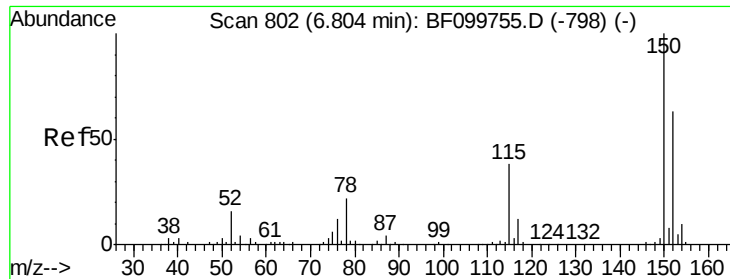
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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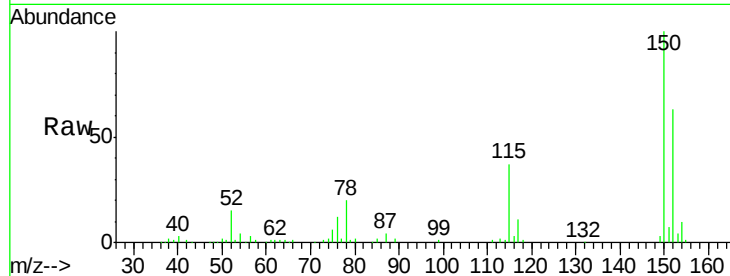




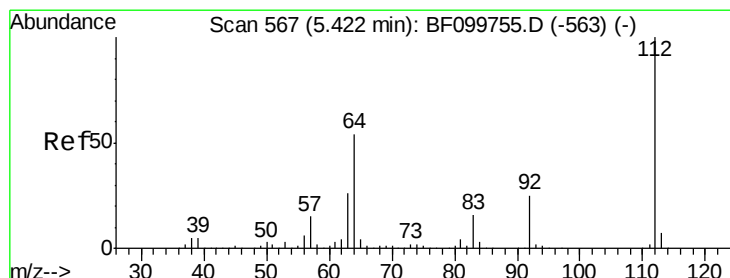
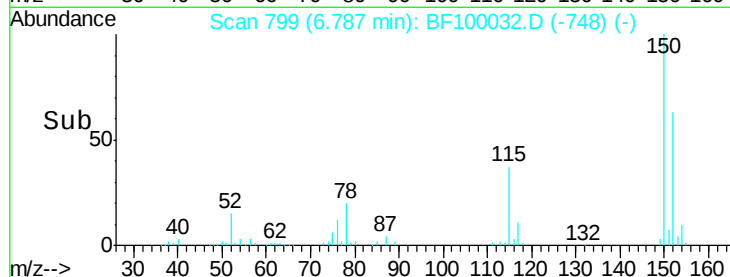
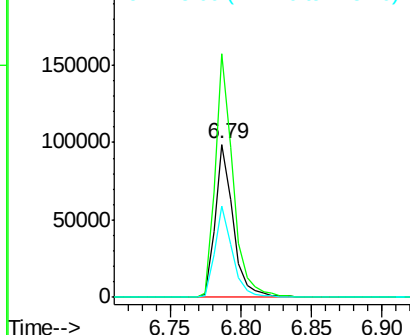
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

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

Tgt Ion:152 Resp: 86988
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 59.3 50.1 75.1

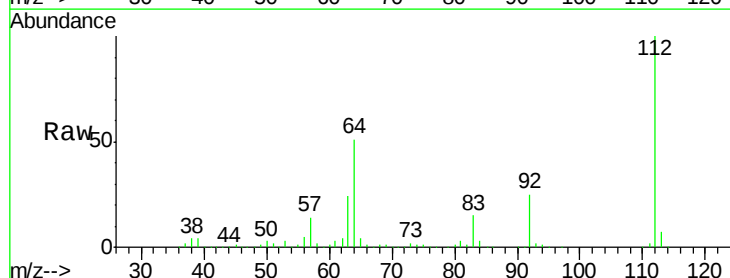


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

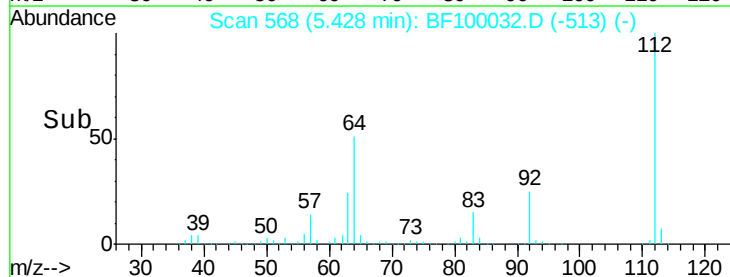
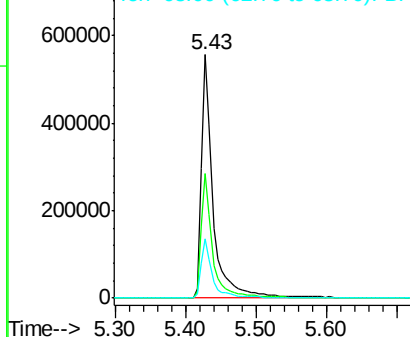


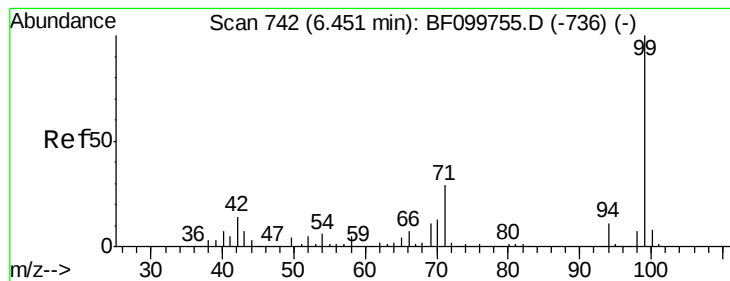
#5
 2-Fluorophenol
 Concen: 118.72 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:112 Resp: 657784
 Ion Ratio Lower Upper
 112 100
 64 51.1 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: 108.55 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100032.D

Acq: 1 Nov 2017 7:19

Instrument :

BNA_F

ClientSampleId :

COMMACK-EAST-COMP(0-3)

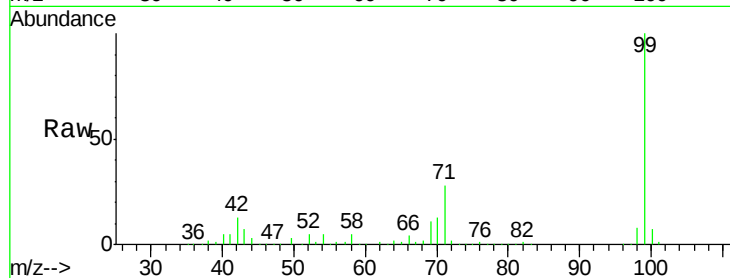
Tgt Ion: 99 Resp: 713154

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

71 28.0 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

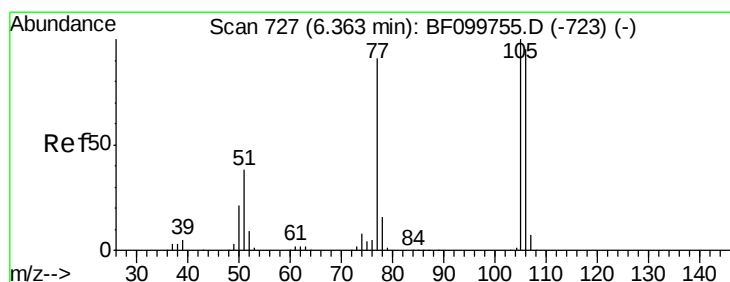
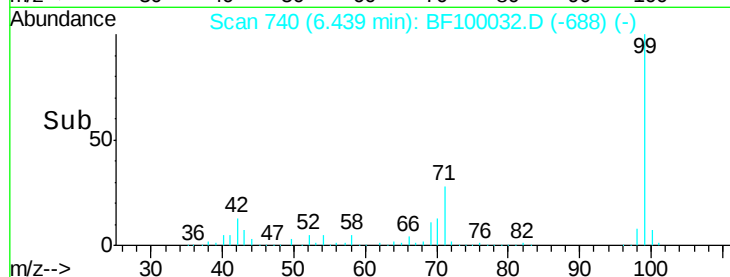
6.44

400000

200000

0

Time--> 6.30 6.40 6.50 6.60 6.70



#9

Benzaldehyde

Concen: 3.11 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100032.D

Acq: 1 Nov 2017 7:19

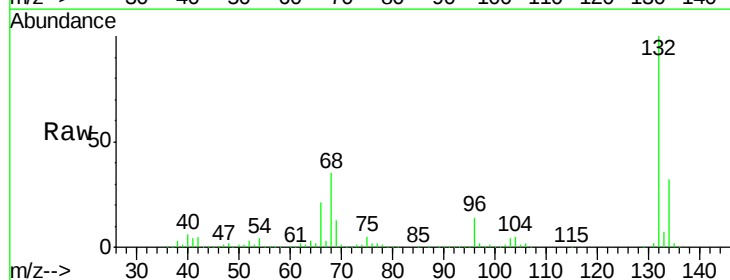
Tgt Ion: 77 Resp: 12210

Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

106 86.2 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

6.56

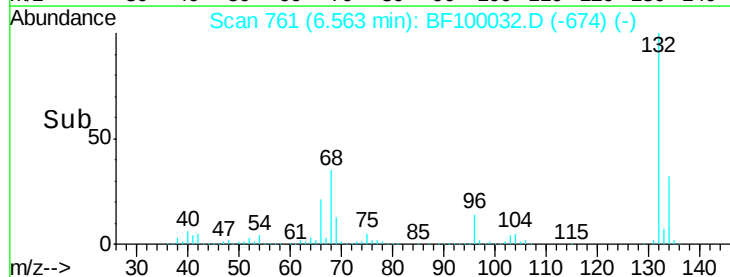
15000

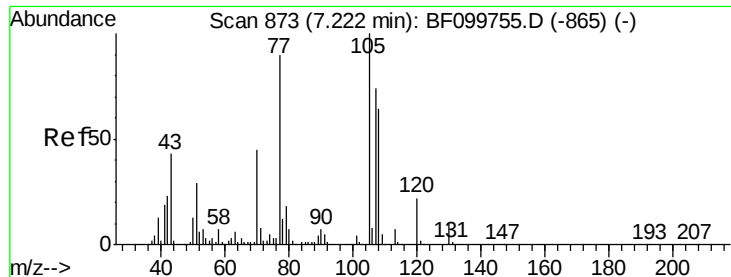
10000

5000

0

Time--> 6.52 6.54 6.56 6.58 6.60

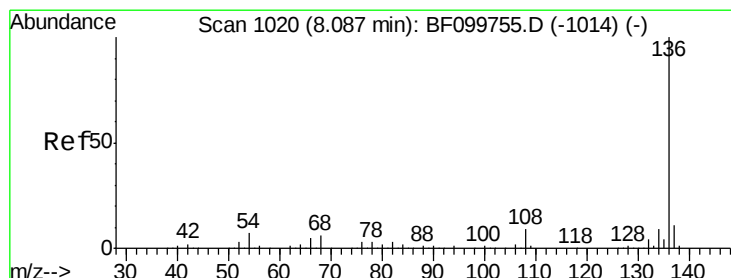
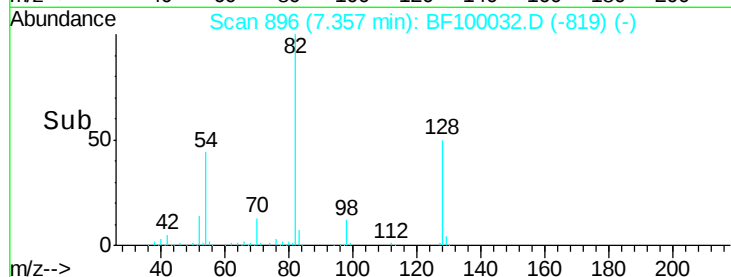
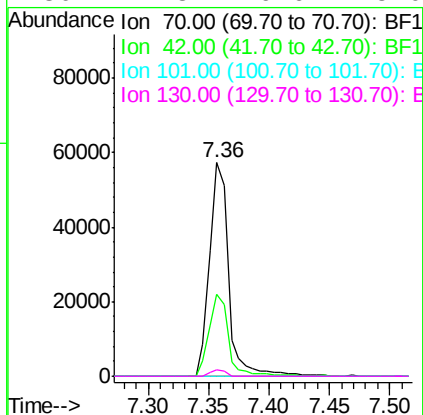
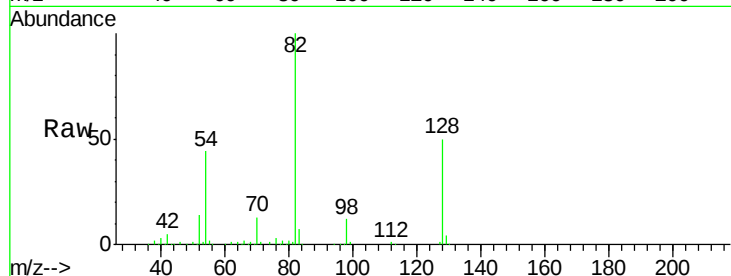




#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100032.D
Acq: 1 Nov 2017 7:19

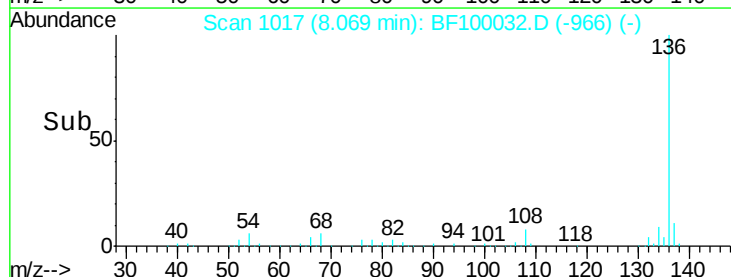
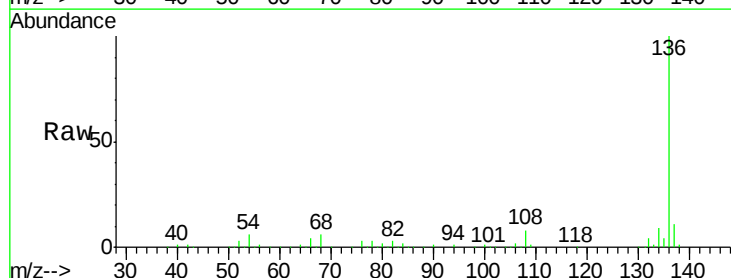
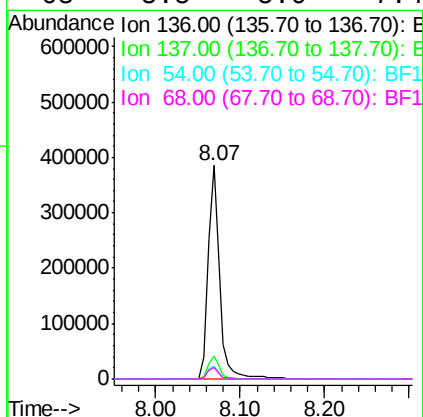
Instrument :
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ClientSampleId :
COMMACK-EAST-COMP(0-3)

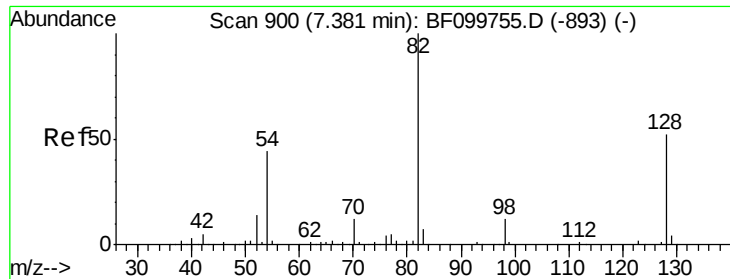
Tgt Ion: 70 Resp: 62778
Ion Ratio Lower Upper
70 100
42 38.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100032.D
Acq: 1 Nov 2017 7:19

Tgt Ion: 136 Resp: 364067
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 5.9 6.6 9.8#
68 5.5 5.0 7.4

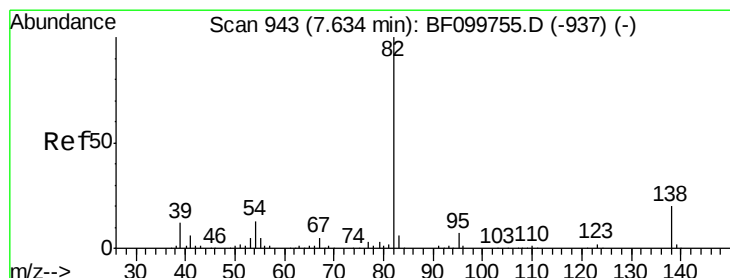
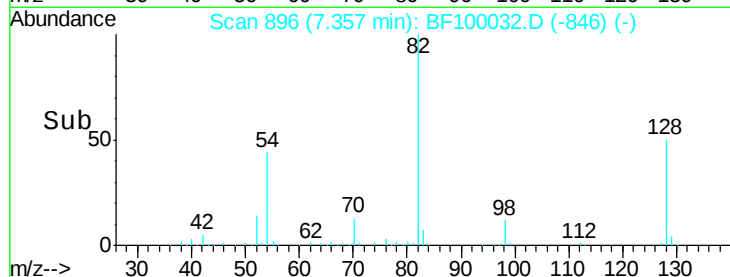
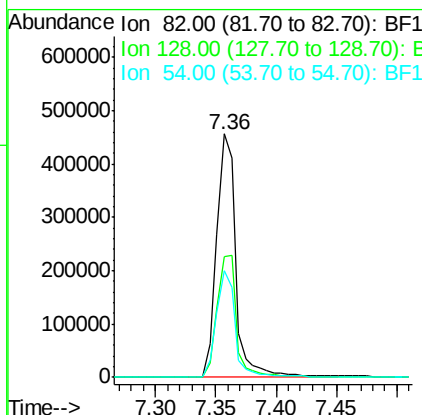
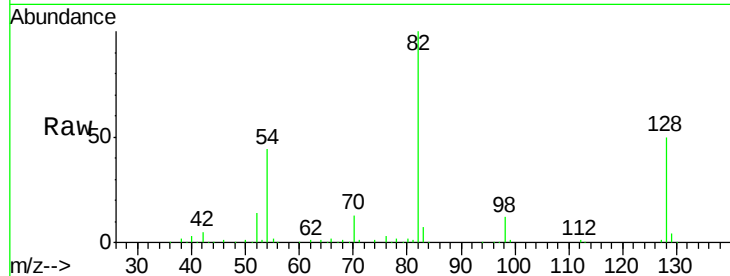




#23
 Nitrobenzene-d5
 Concen: 88.09 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

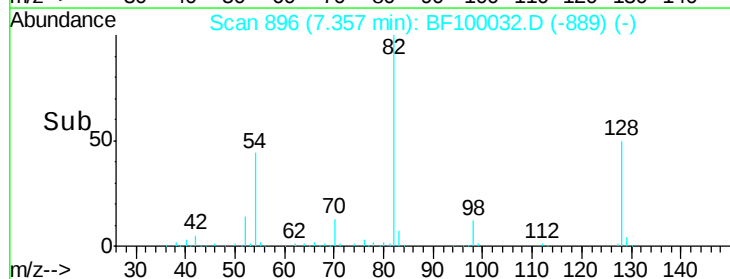
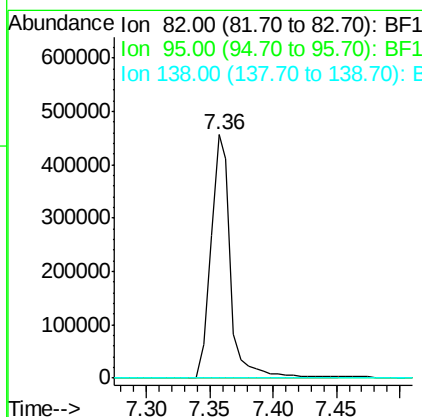
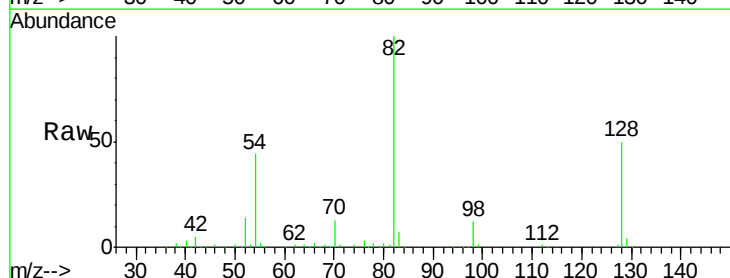
Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

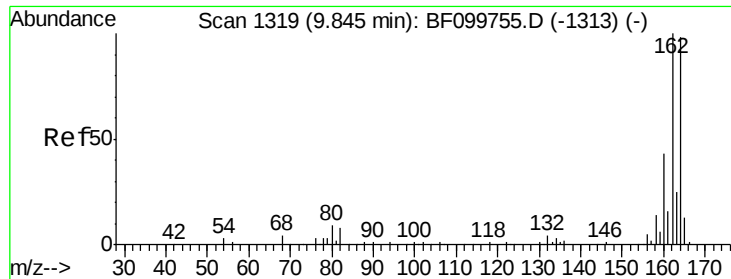
Tgt Ion: 82 Resp: 498150
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 43.9 41.4 62.2



#25
 Isophorone
 Concen: 48.55 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion: 82 Resp: 498147
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

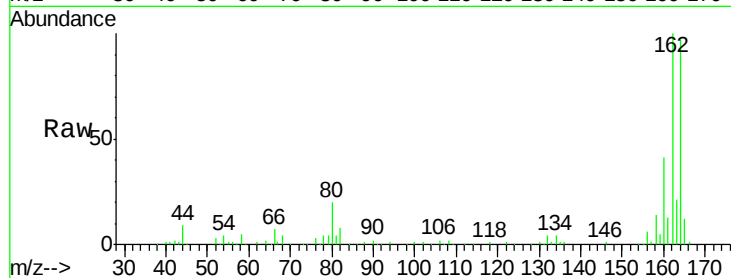




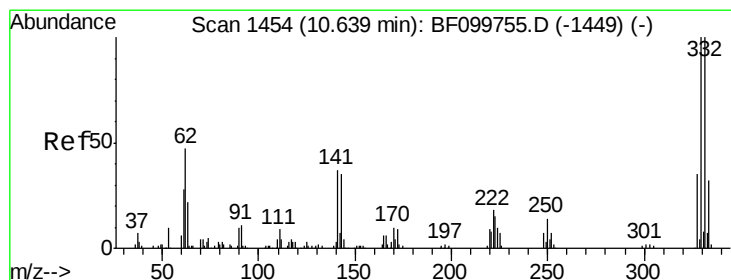
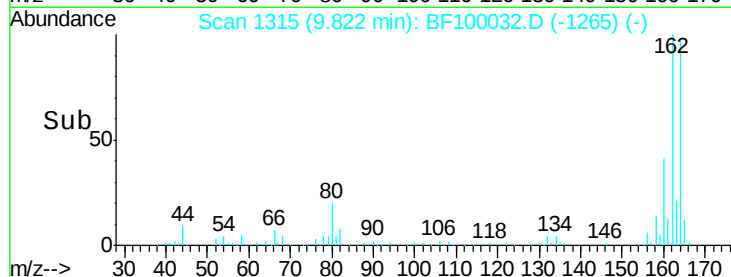
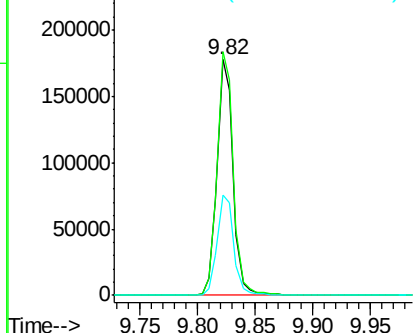
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100032.D
Acq: 1 Nov 2017 7:19

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

Tgt Ion:164 Resp: 171707
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 42.5 38.3 57.5

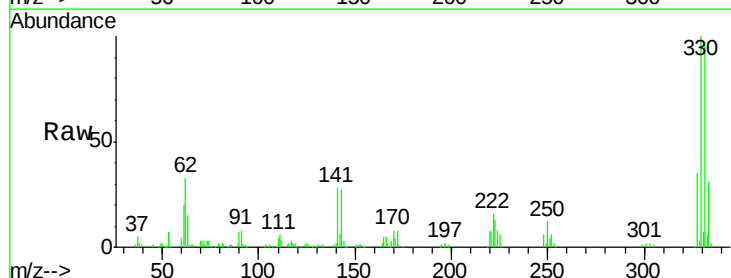


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

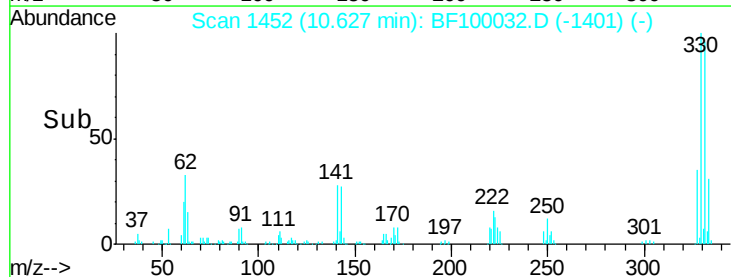
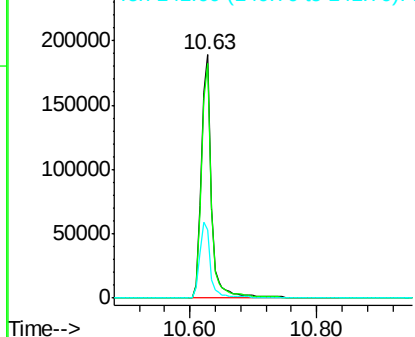


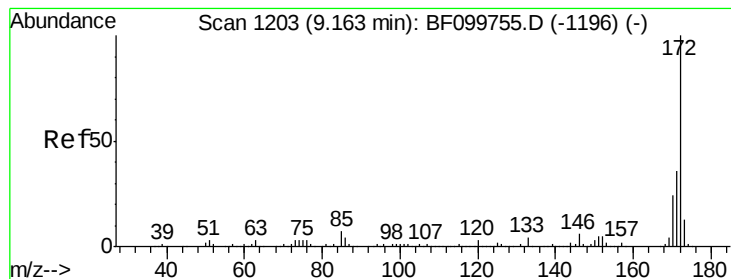
#41
2,4,6-Tribromophenol
Concen: 132.38 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF100032.D
Acq: 1 Nov 2017 7:19

Tgt Ion:330 Resp: 207152
Ion Ratio Lower Upper
330 100
332 95.5 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: 94.29 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF100032.D

Acq: 1 Nov 2017 7:19

Instrument :

BNA_F

ClientSampleId :

COMMACK-EAST-COMP(0-3)

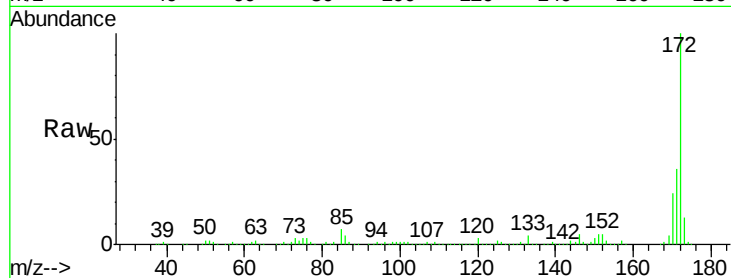
Tgt Ion:172 Resp: 1049335

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

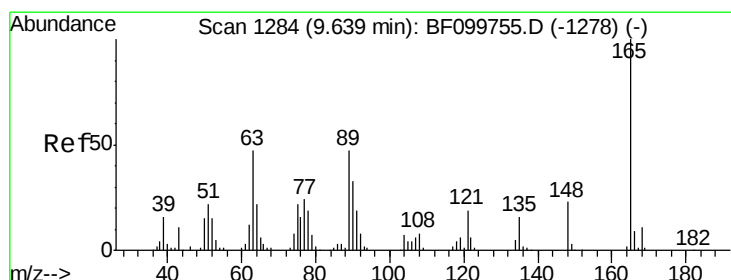
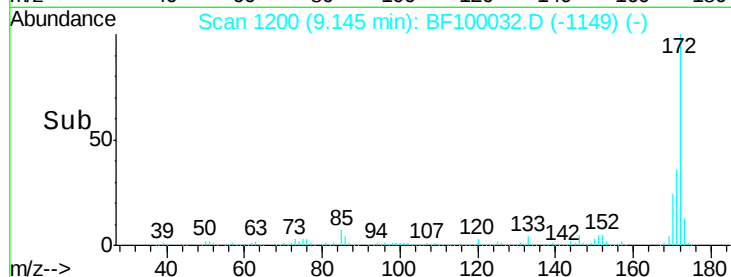
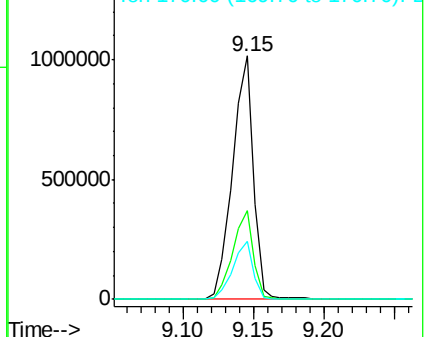
170 23.7 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.46 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF100032.D

Acq: 1 Nov 2017 7:19

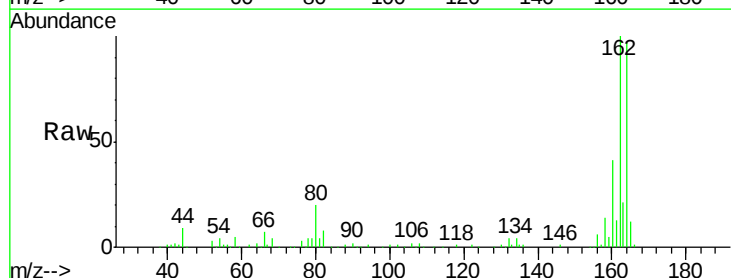
Tgt Ion:165 Resp: 21336

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

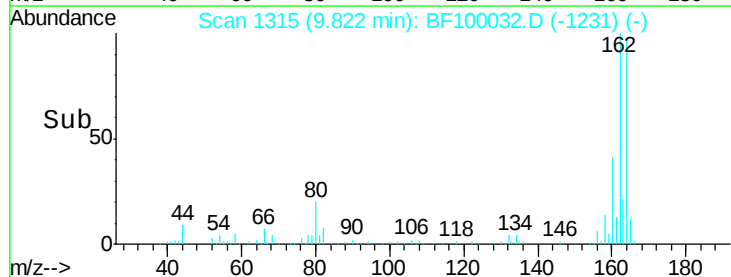
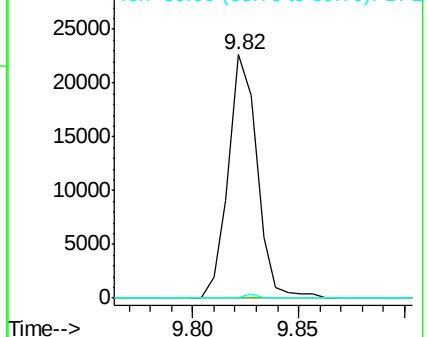
89 0.0 44.0 66.0#

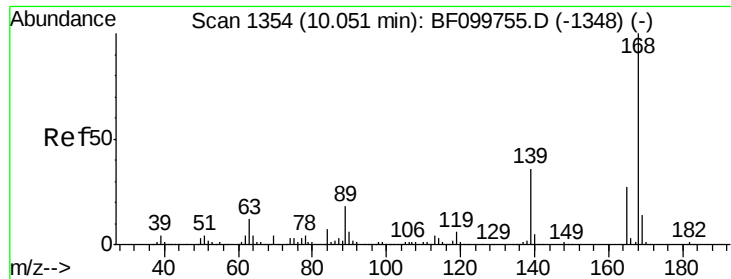


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

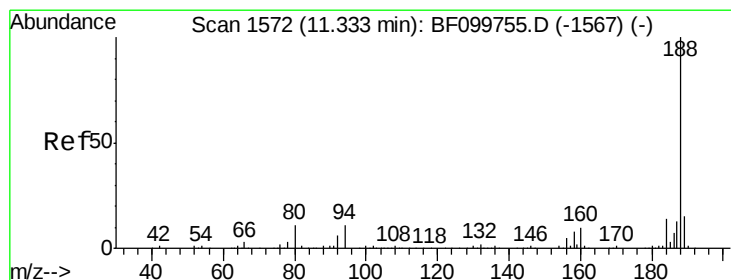
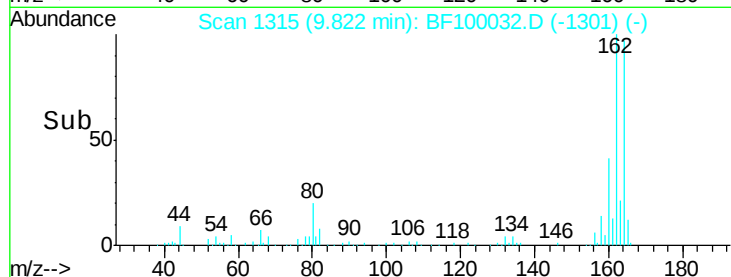
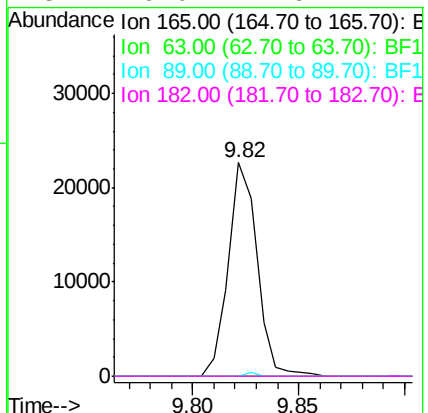
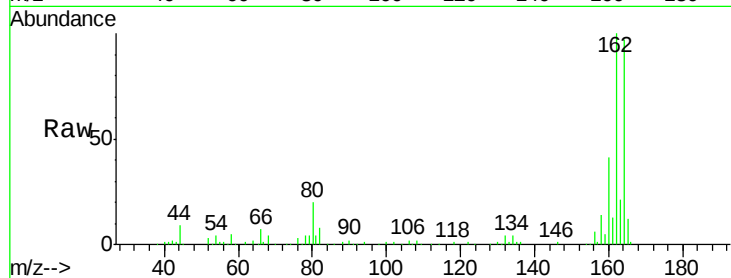




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

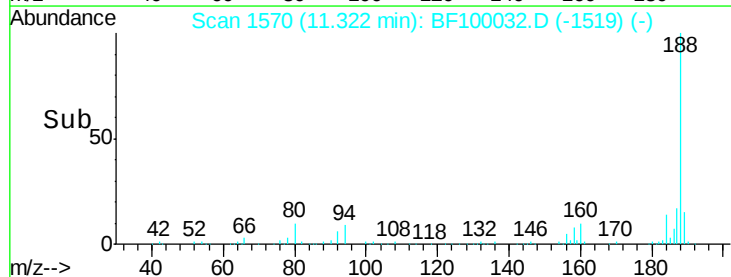
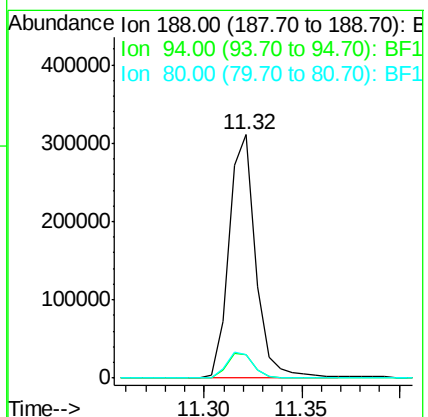
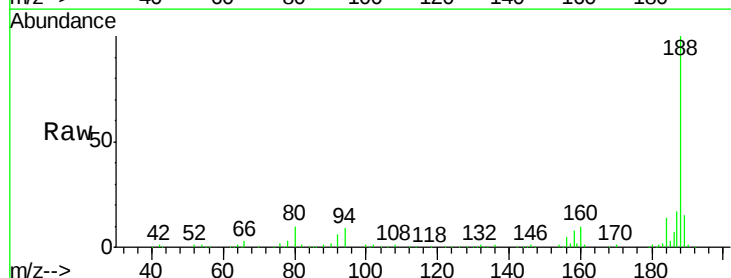
Instrument :
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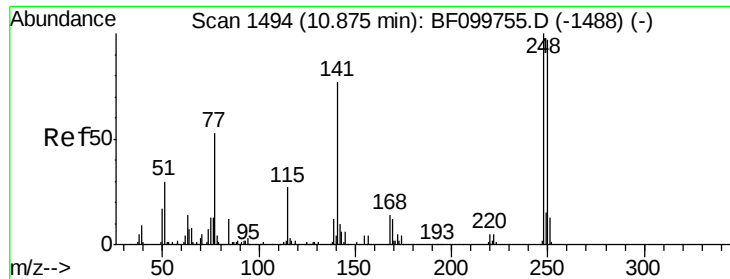
Tgt Ion:	165	Resp:	21336
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:	188	Resp:	294382
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	9.7	9.2	13.8

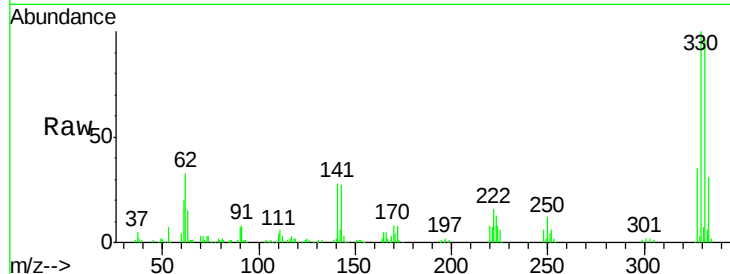




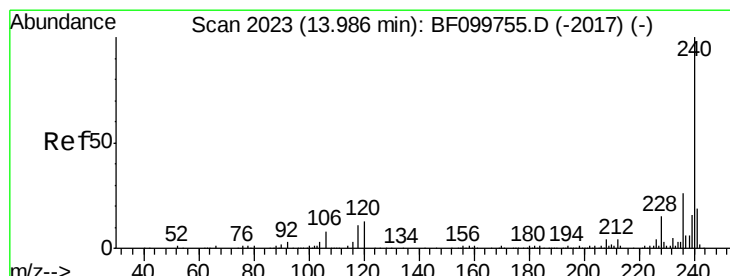
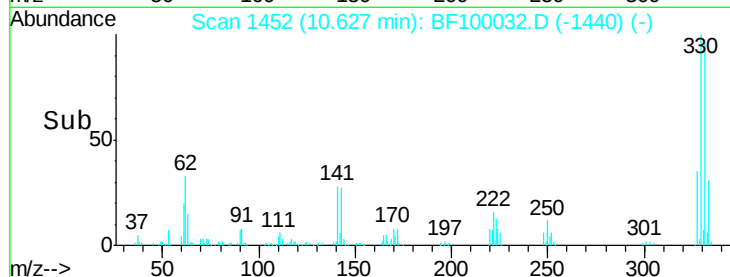
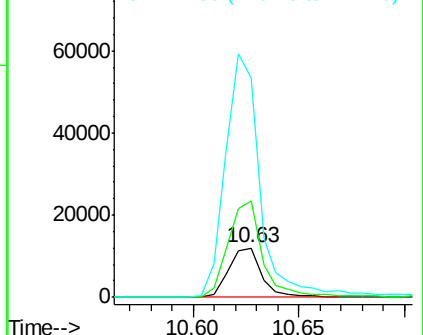
#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.23 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

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

Tgt Ion:248 Resp: 13041
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.9 115.3#
 141 446.2 74.4 111.6#

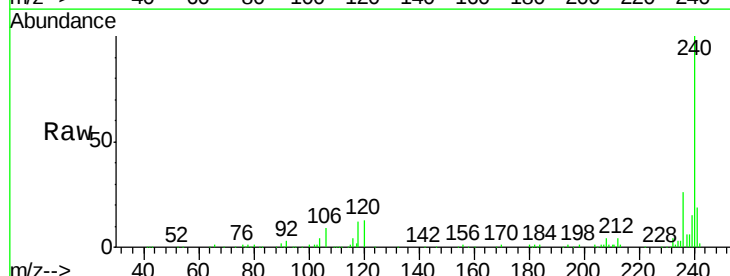


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

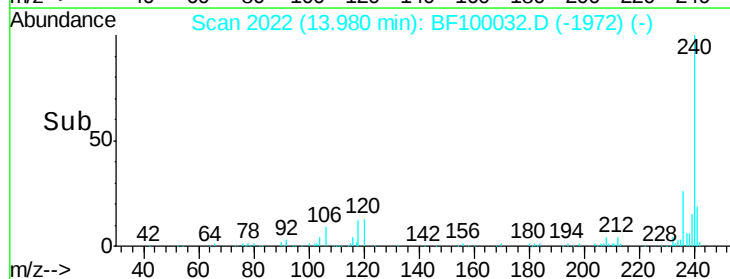
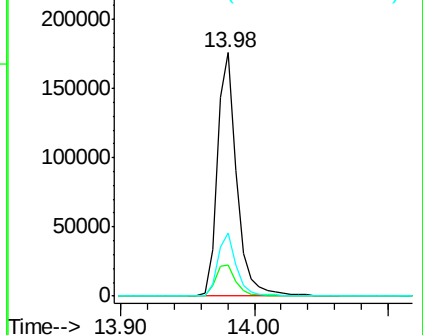


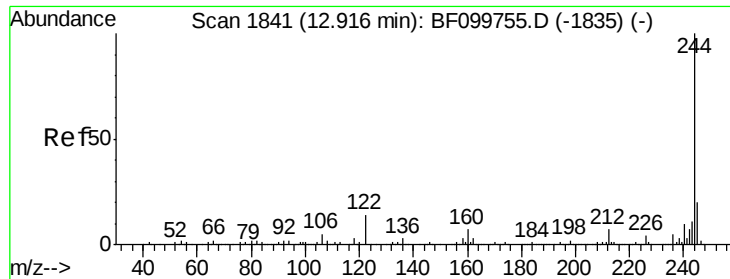
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:240 Resp: 179974
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.0 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

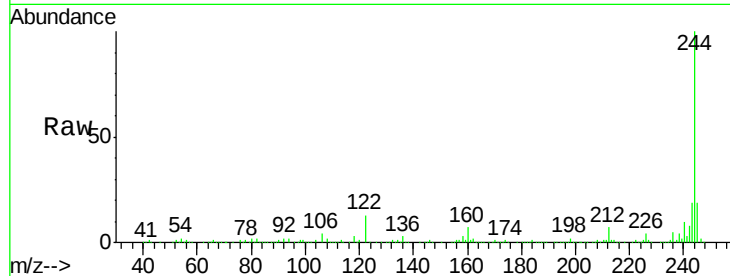




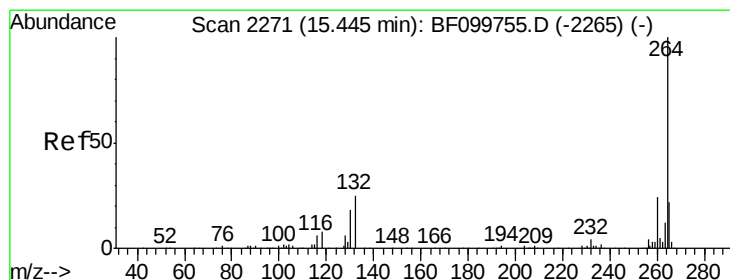
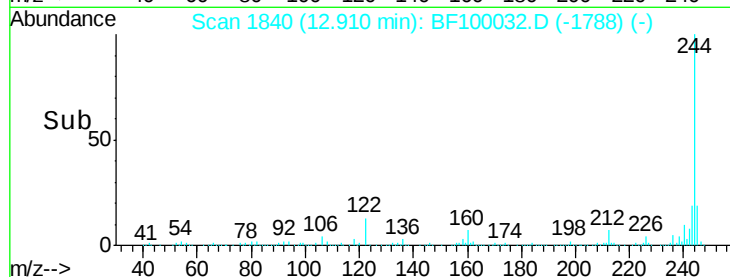
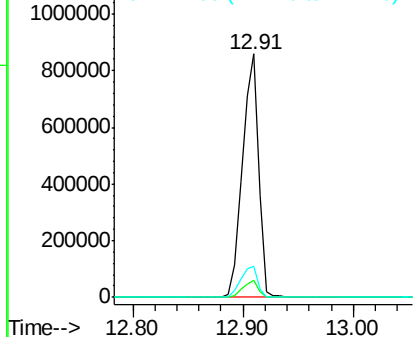
#78
 Terphenyl-d14
 Concen: 107.92 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

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

Tgt Ion:244 Resp: 888743
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.0 11.0 16.4

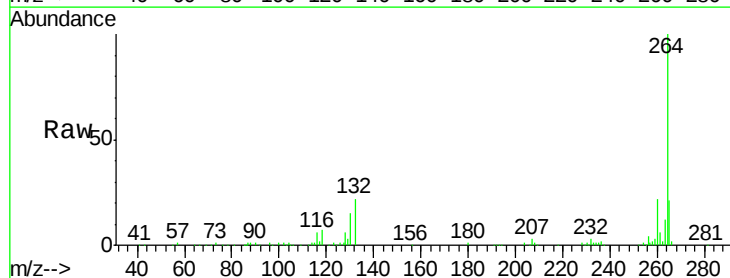


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:264 Resp: 152156
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.9 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

