

Data File : BF100023.D
Acq On : 31 Oct 2017 23:59
Operator : SJ/JU
Sample : I6081-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Quant Time: Nov 01 08:19:18 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	84150	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	346267	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	155683	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	268136	20.00	ng	0.00
75) Chrysene-d12	13.98	240	165247	20.00	ng	0.00
86) Perylene-d12	15.47	264	158299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	468022	87.32	ng	0.00
7) Phenol-d6	6.43	99	569206	89.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	313416	58.27	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	101075	71.24	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	578269	57.31	ng	0.00
78) Terphenyl-d14	12.90	244	489676	64.76	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	8556	2.25	ng	90
10) Phenol	6.45	94	32602	4.67	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	37120	9.97	ng	# 72
25) Isophorone	7.36	82	313416	32.11	ng	# 64
49) Dimethylphthalate	9.54	163	85594	6.94	ng	100
56) 2,4-Dinitrotoluene	9.82	165	19238	6.16	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	6452	2.29	ng	# 1

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

Data File : BF100023.D

Acq On : 31 Oct 2017 23:59

Operator : SJ/JU

Sample : I6081-10

Misc :

ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

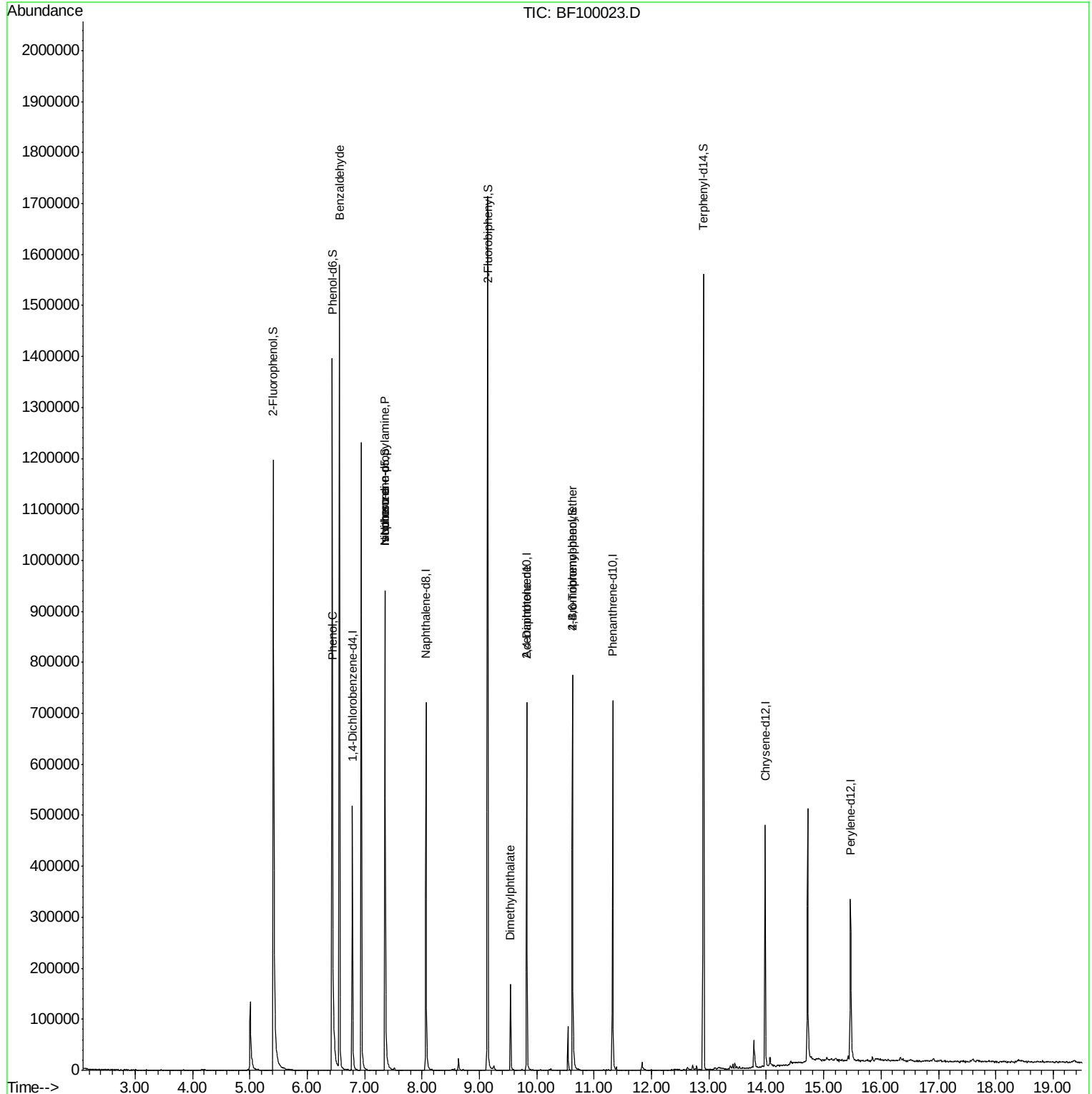
Quant Time: Nov 01 08:19:18 2017

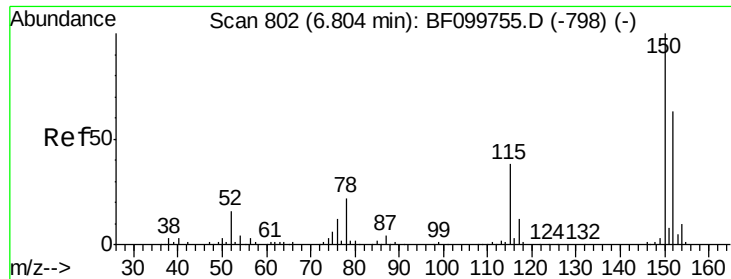
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 31 16:51:57 2017

Response via : Initial Calibration

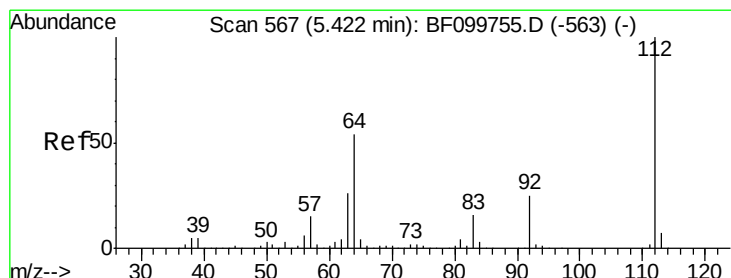
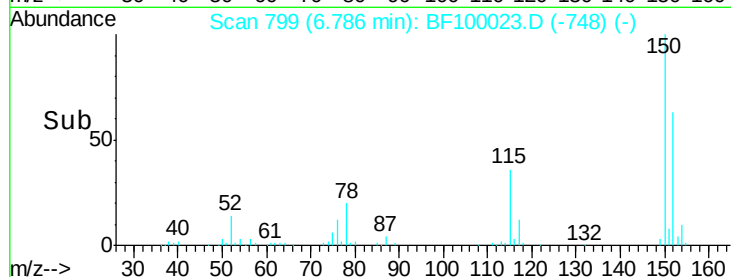
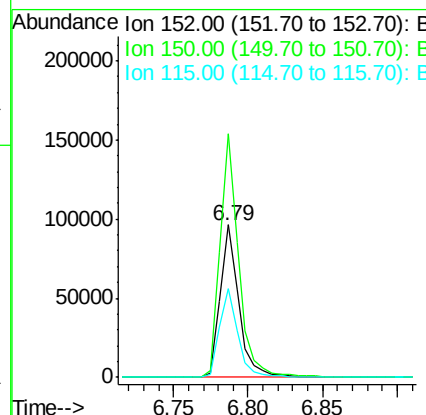
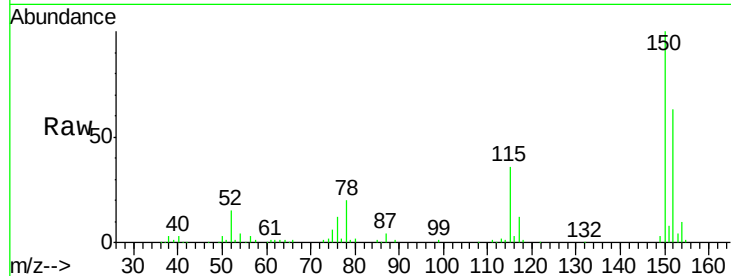




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

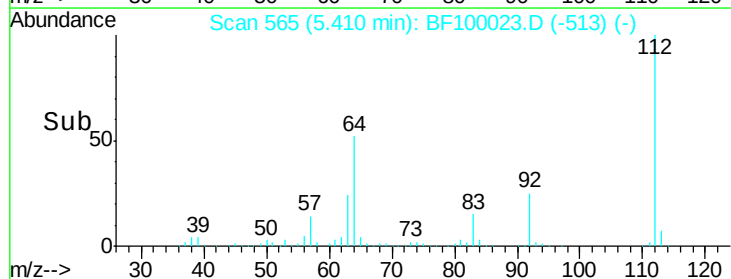
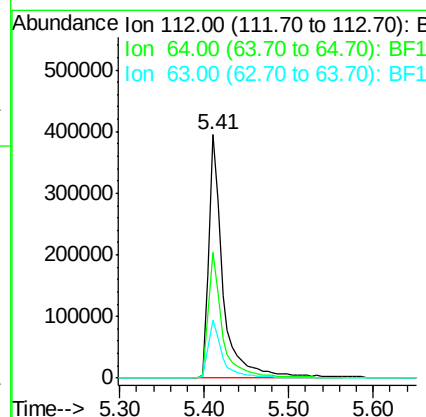
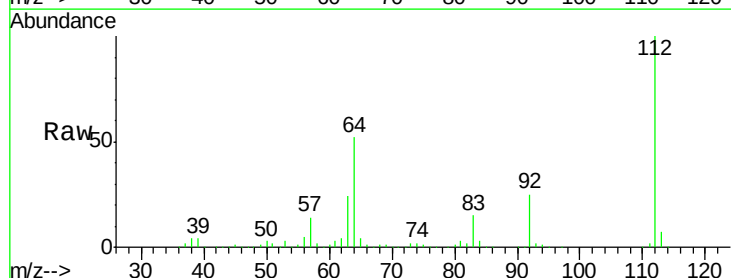
Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-NATIVE

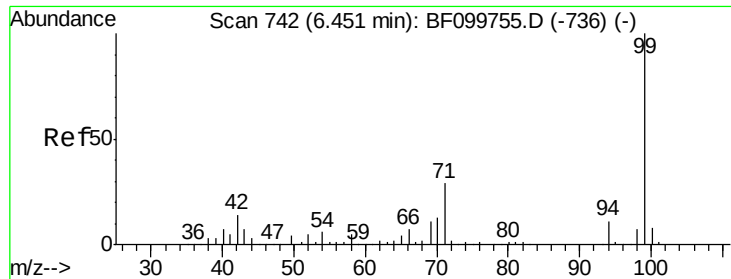
Tgt Ion:152 Resp: 84150
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 58.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 87.32 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

Tgt Ion:112 Resp: 468022
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 24.0 23.7 35.5





#7

Phenol-d6

Concen: 89.56 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

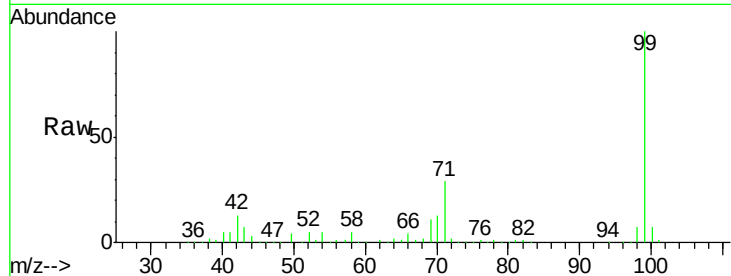
Tgt Ion: 99 Resp: 569206

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

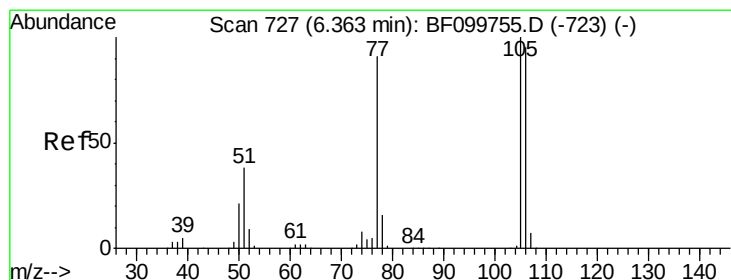
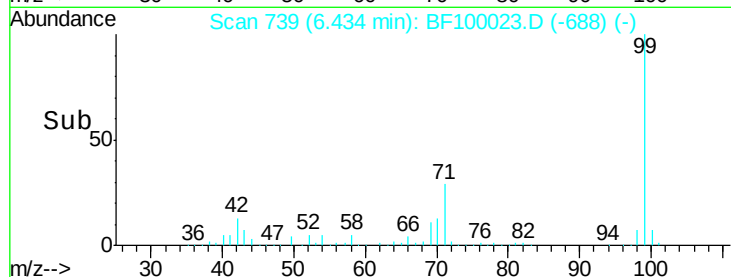
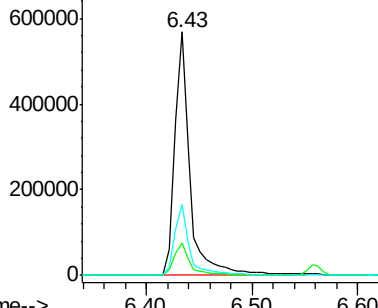
71 29.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.25 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

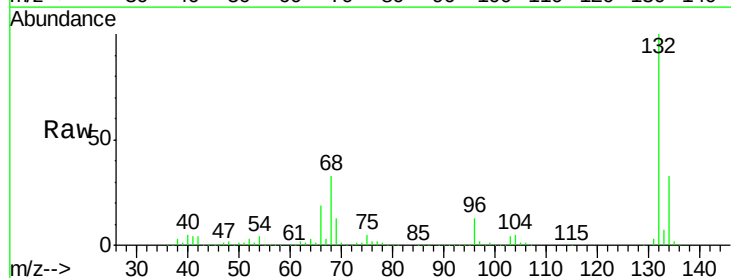
Tgt Ion: 77 Resp: 8556

Ion Ratio Lower Upper

77 100

105 89.9 81.1 121.1

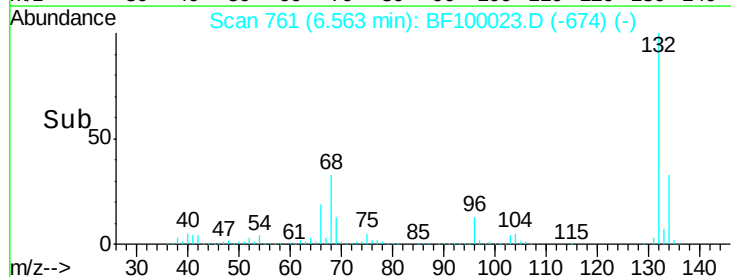
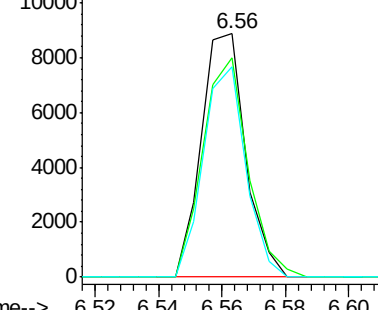
106 86.3 74.5 114.5

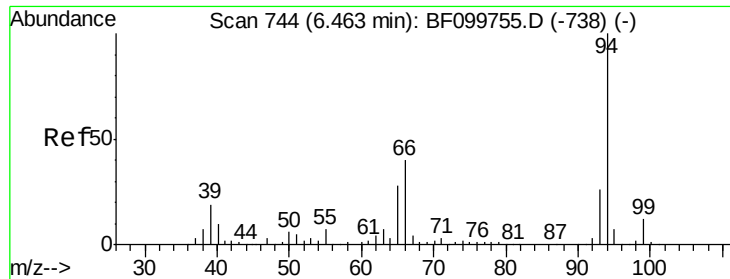


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.67 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

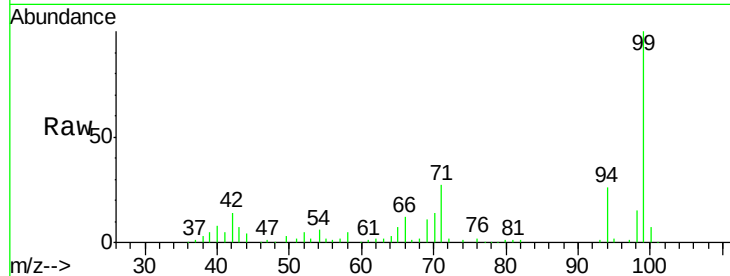
Tgt Ion: 94 Resp: 32602

Ion Ratio Lower Upper

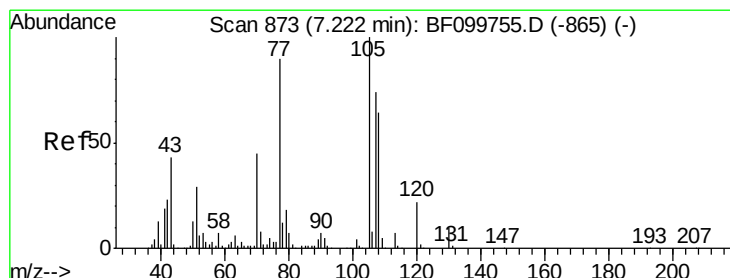
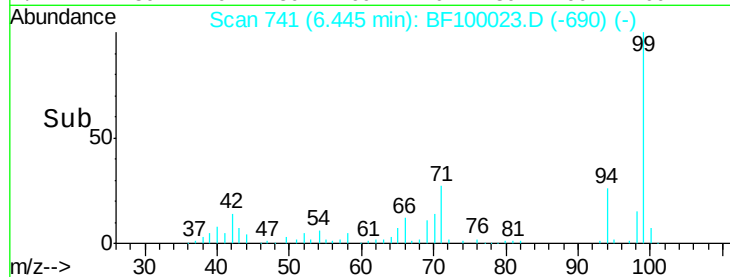
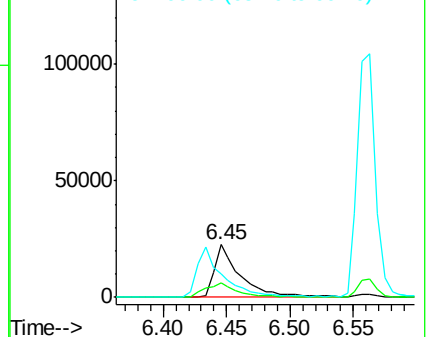
94 100

65 27.8 7.9 47.9

66 44.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.97 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Tgt Ion: 70 Resp: 37120

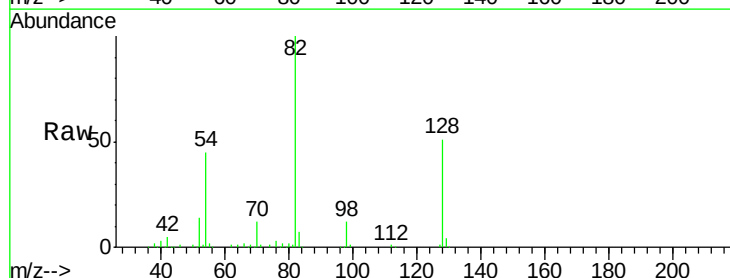
Ion Ratio Lower Upper

70 100

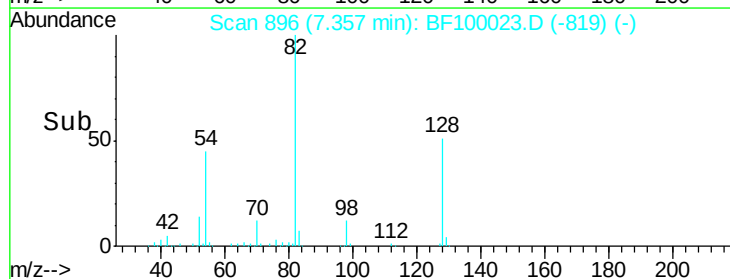
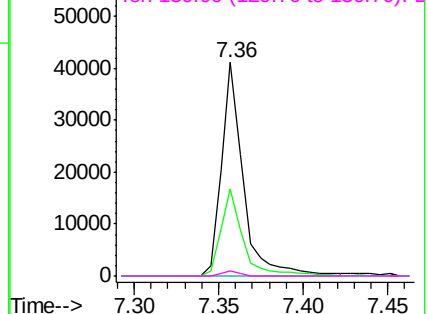
42 40.9 47.5 71.3#

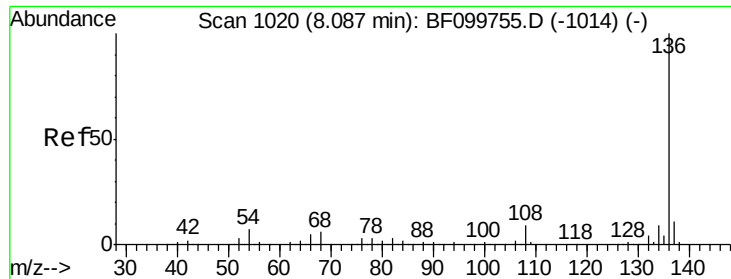
101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

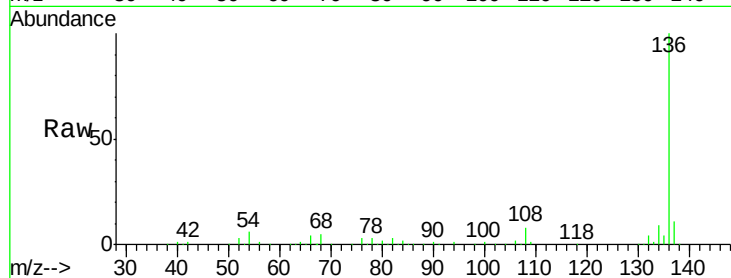




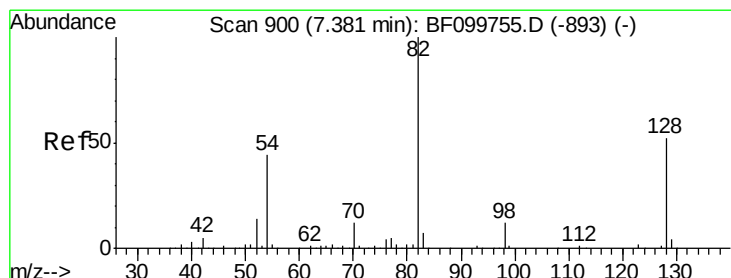
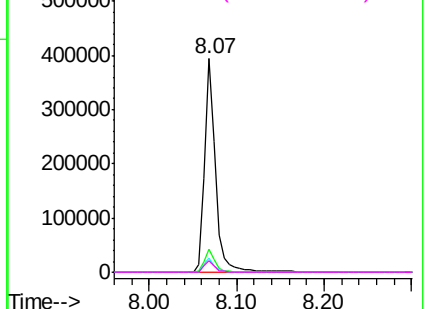
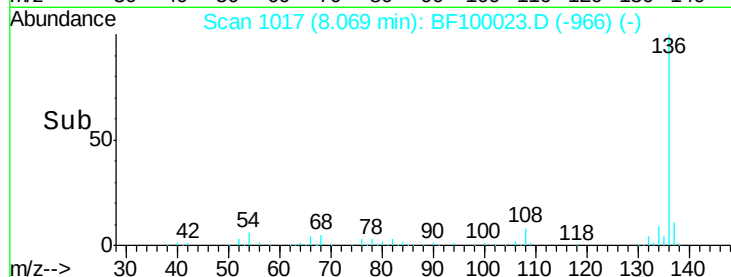
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Tgt Ion:	136	Resp:	346267
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4

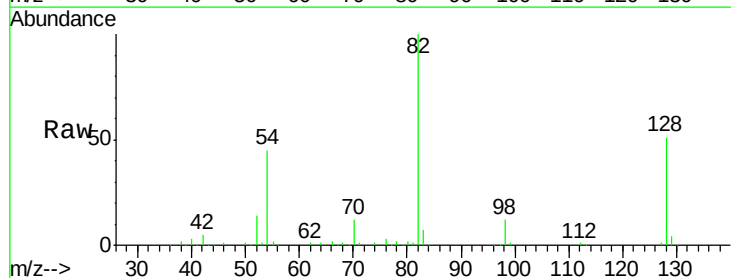


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

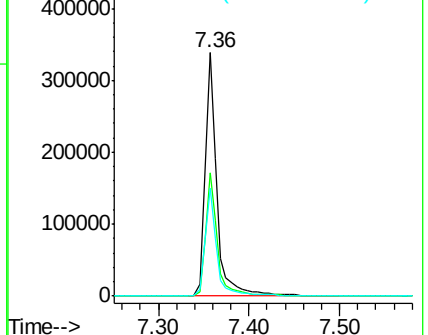
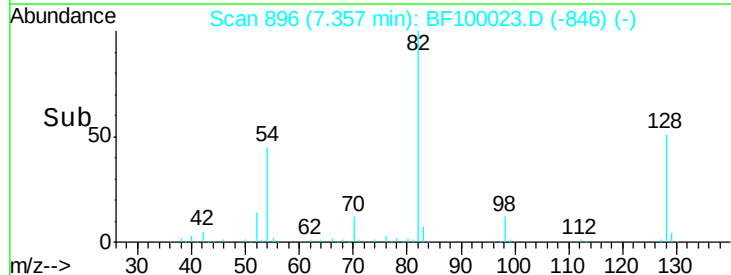


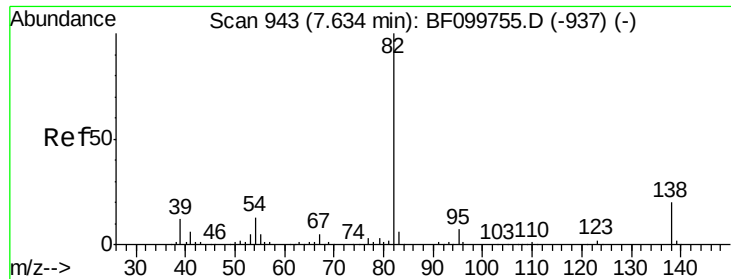
#23
Nitrobenzene-d5
Concen: 58.27 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion:	82	Resp:	313416
Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	44.5	41.4	62.2



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

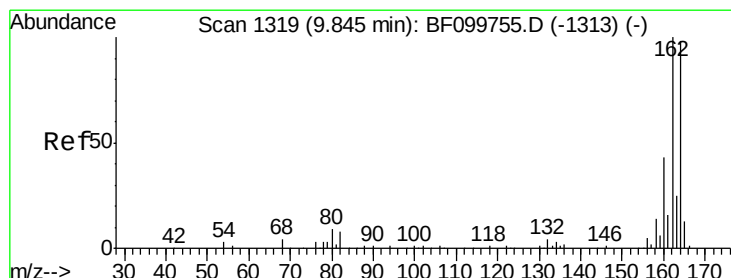
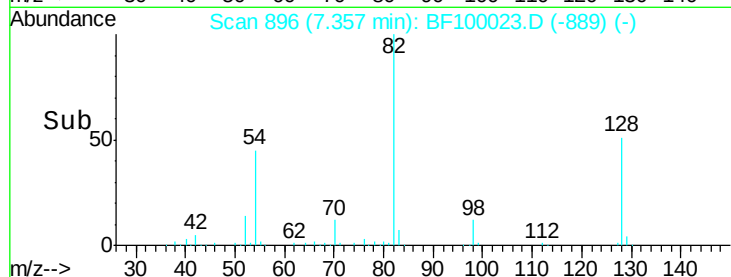
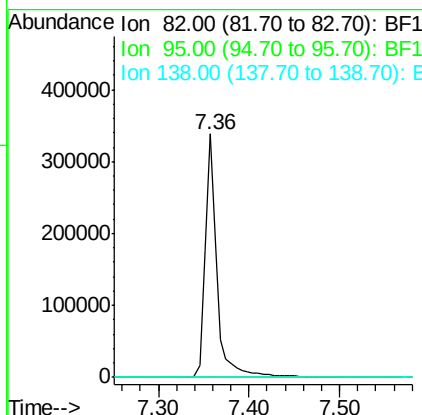
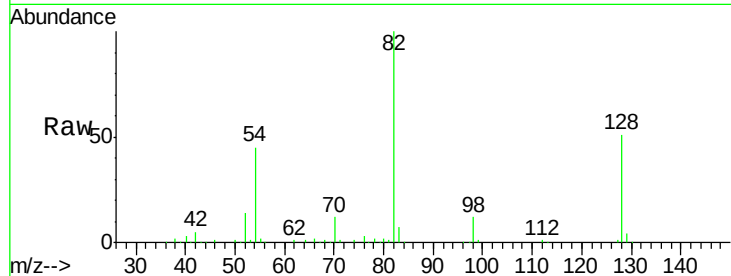




#25
Isophorone
Concen: 32.11 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

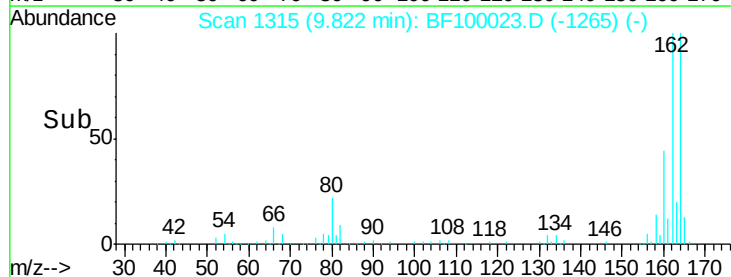
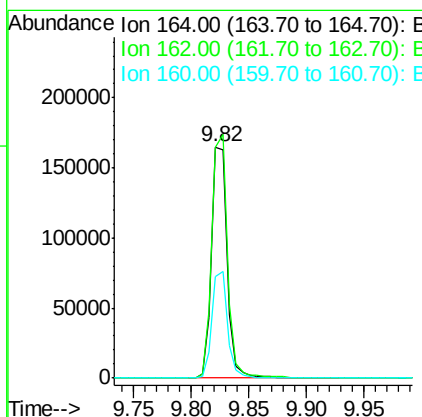
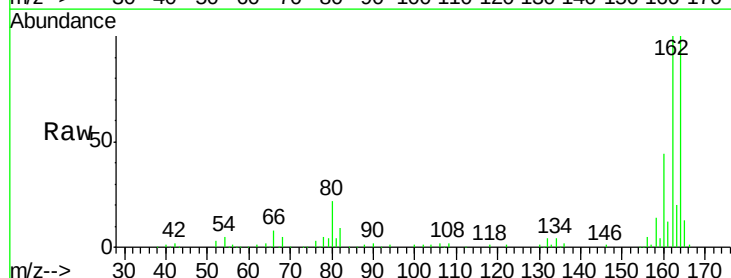
Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

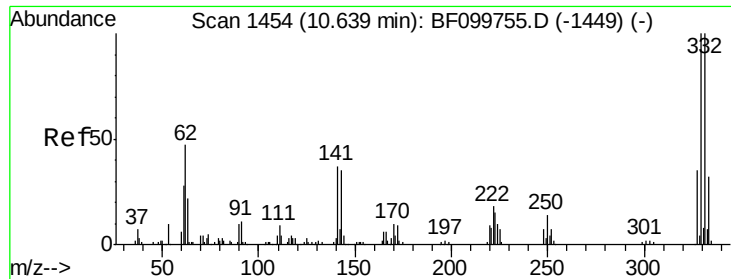
Tgt Ion: 82 Resp: 313416
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion: 164 Resp: 155683
Ion Ratio Lower Upper
164 100
162 100.0 86.1 129.1
160 44.0 38.3 57.5

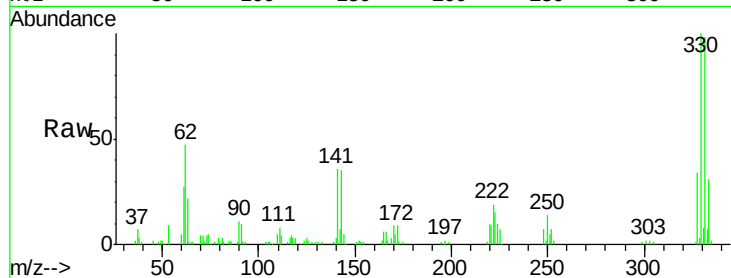




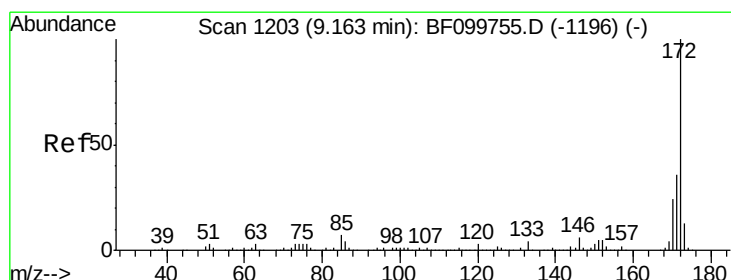
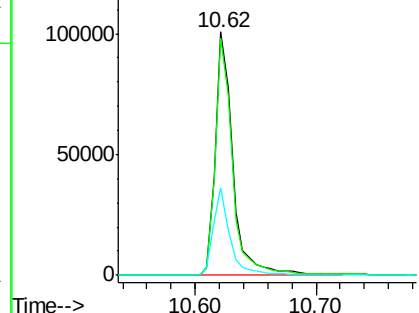
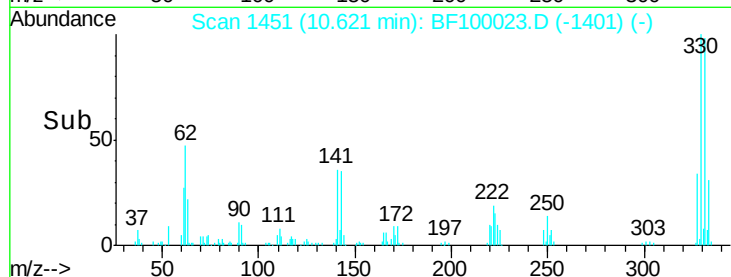
#41
 2,4,6-Tribromophenol
 Concen: 71.24 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-NATIVE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.5	29.9	44.9

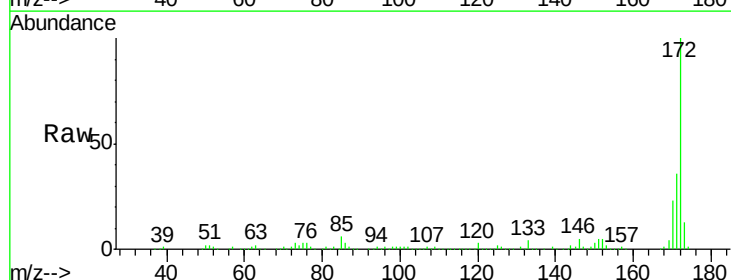


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

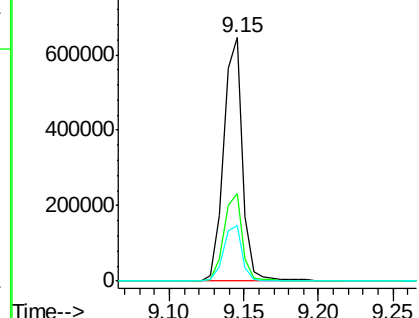
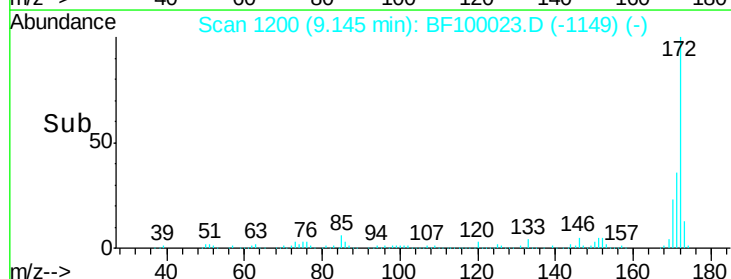


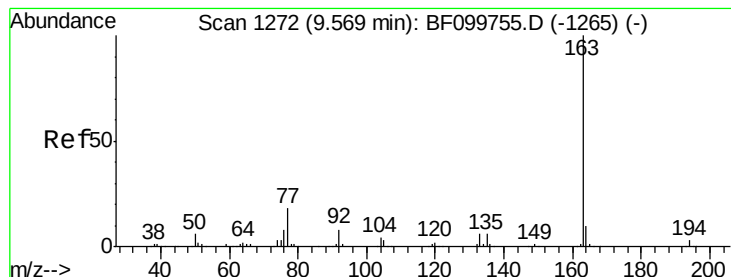
#44
 2-Fluorobiphenyl
 Concen: 57.31 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.0	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





#49

Dimethylphthalate

Concen: 6.94 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

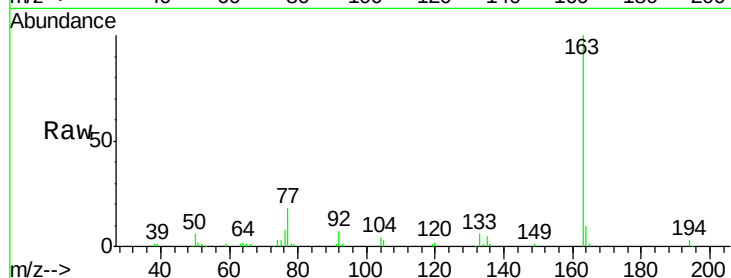
Tgt Ion:163 Resp: 85594

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

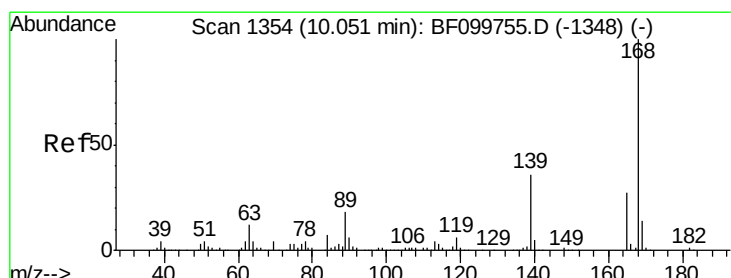
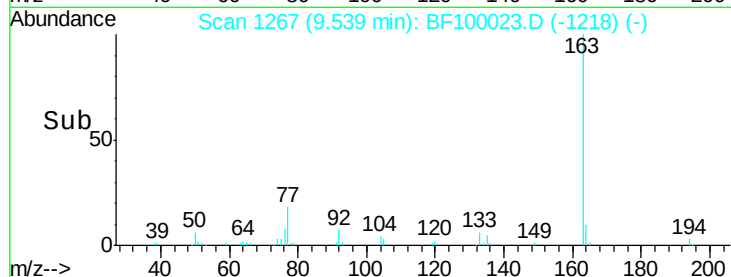
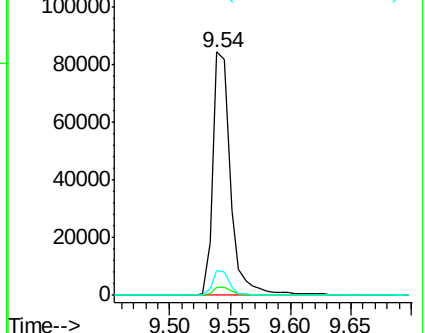
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.16 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.22 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Tgt Ion:165 Resp: 19238

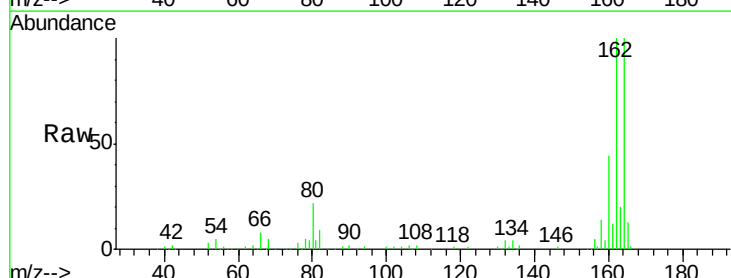
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

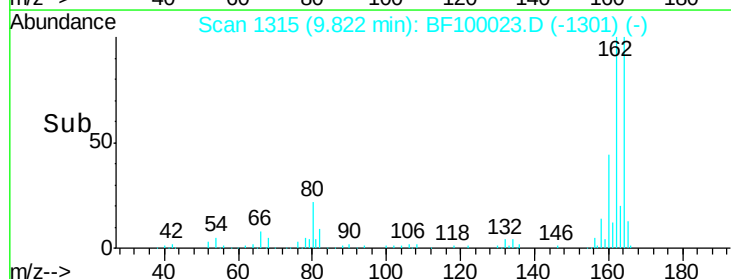
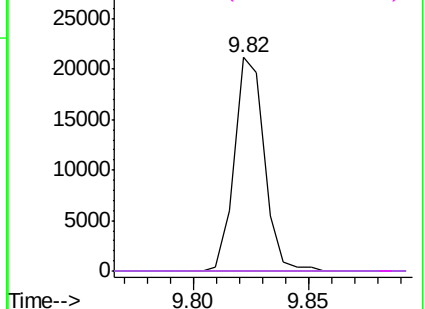


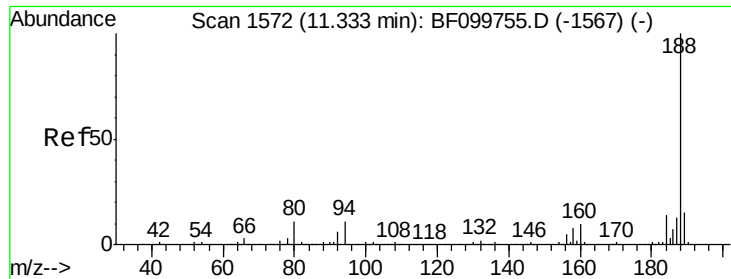
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

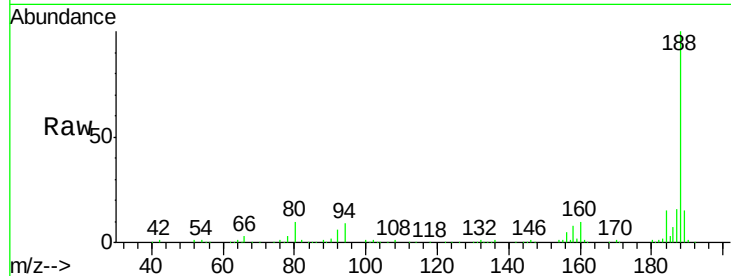




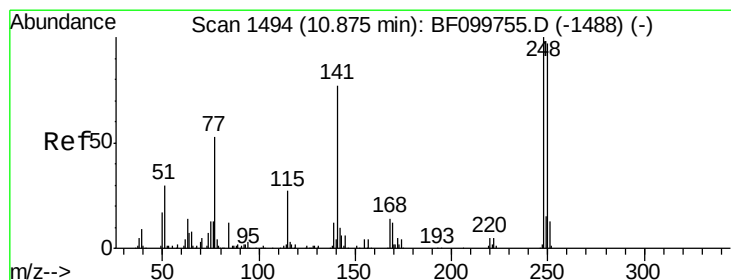
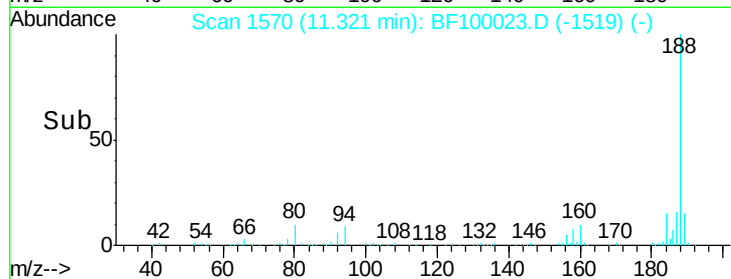
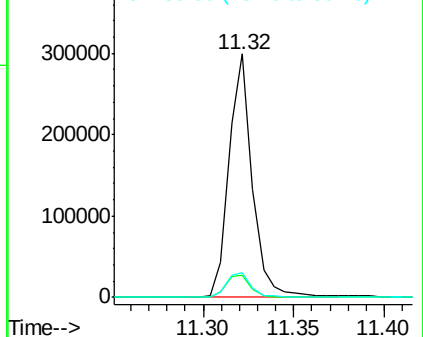
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Tgt Ion:188 Resp: 268136
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8

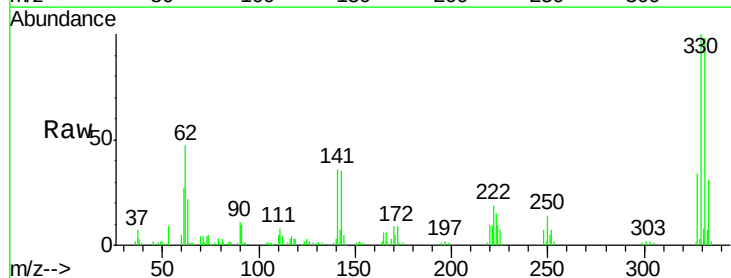


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

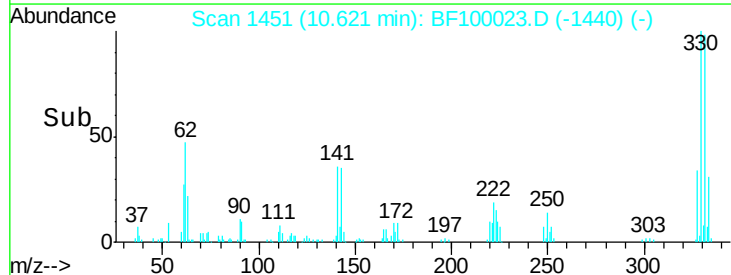
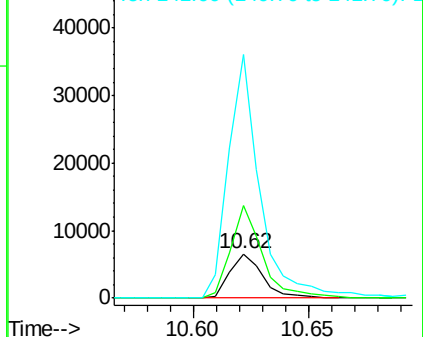


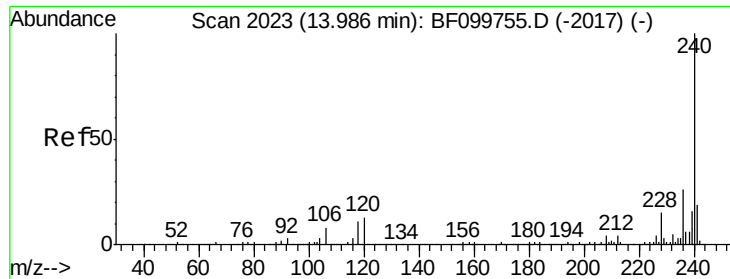
#66
4-Bromophenyl-phenylether
Concen: 2.29 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion:248 Resp: 6452
Ion Ratio Lower Upper
248 100
250 208.7 76.9 115.3#
141 548.8 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

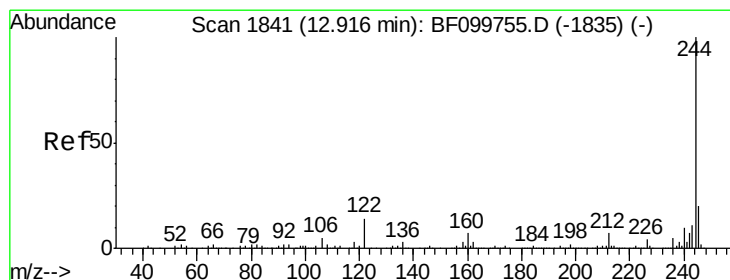
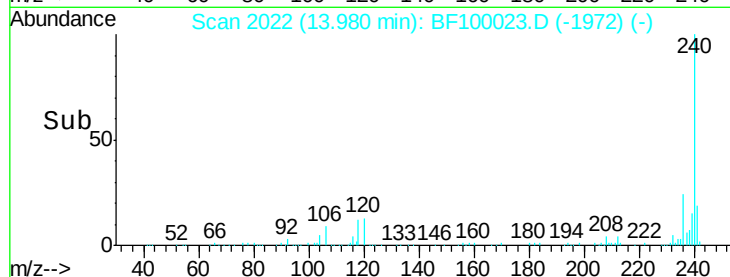
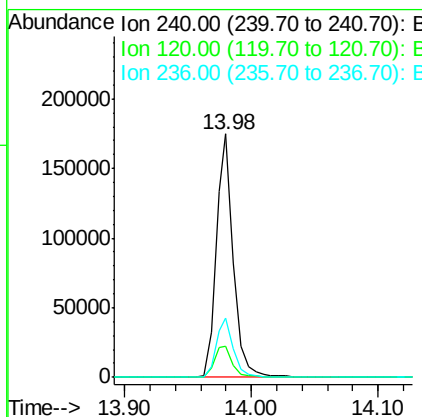
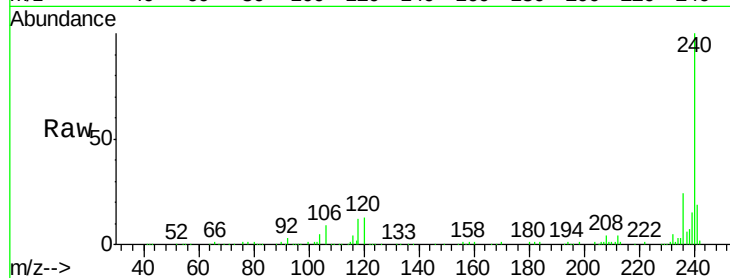




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

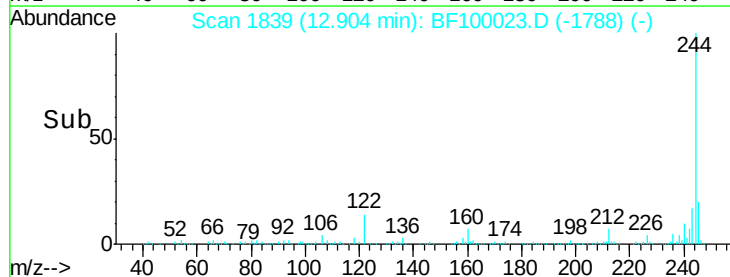
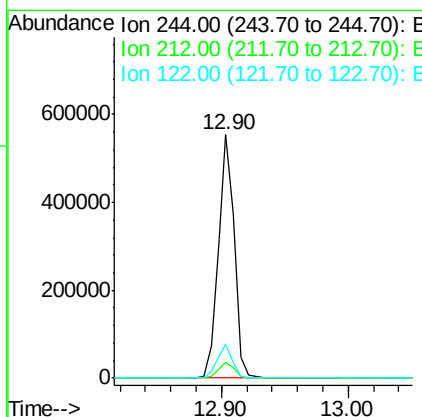
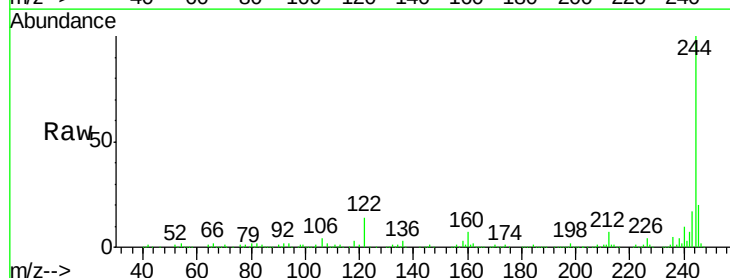
Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-NATIVE

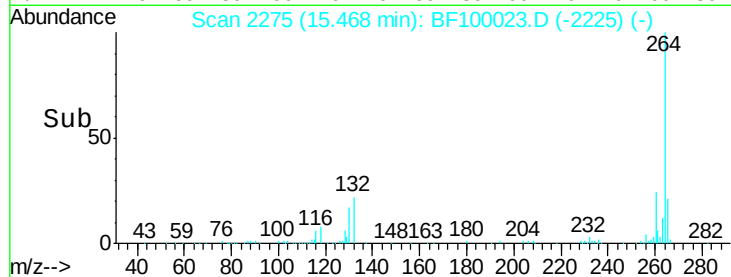
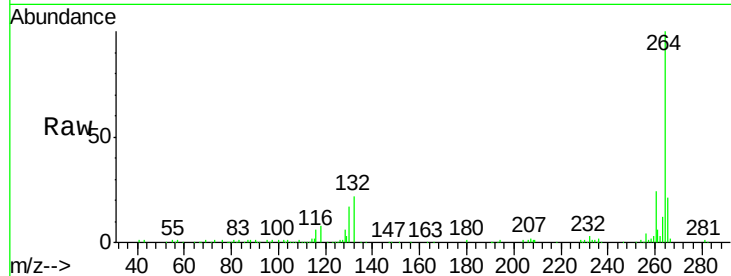
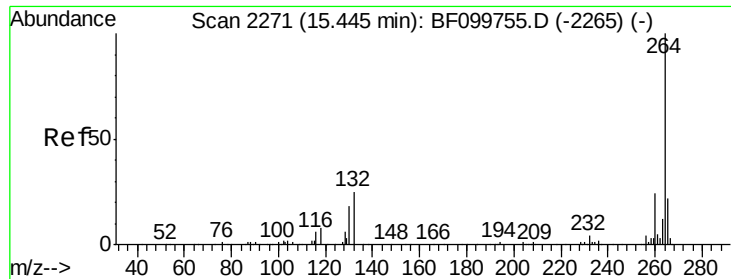
Tgt Ion:240 Resp: 165247
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 24.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 64.76 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

Tgt Ion:244 Resp: 489676
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 14.0 11.0 16.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

Tgt Ion: 264 Resp: 158299

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 17.5 26.3

