

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100142.D
 Acq On : 3 Nov 2017 18:43
 Operator : SJ/JU
 Sample : I6233-06RE 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 19:26:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

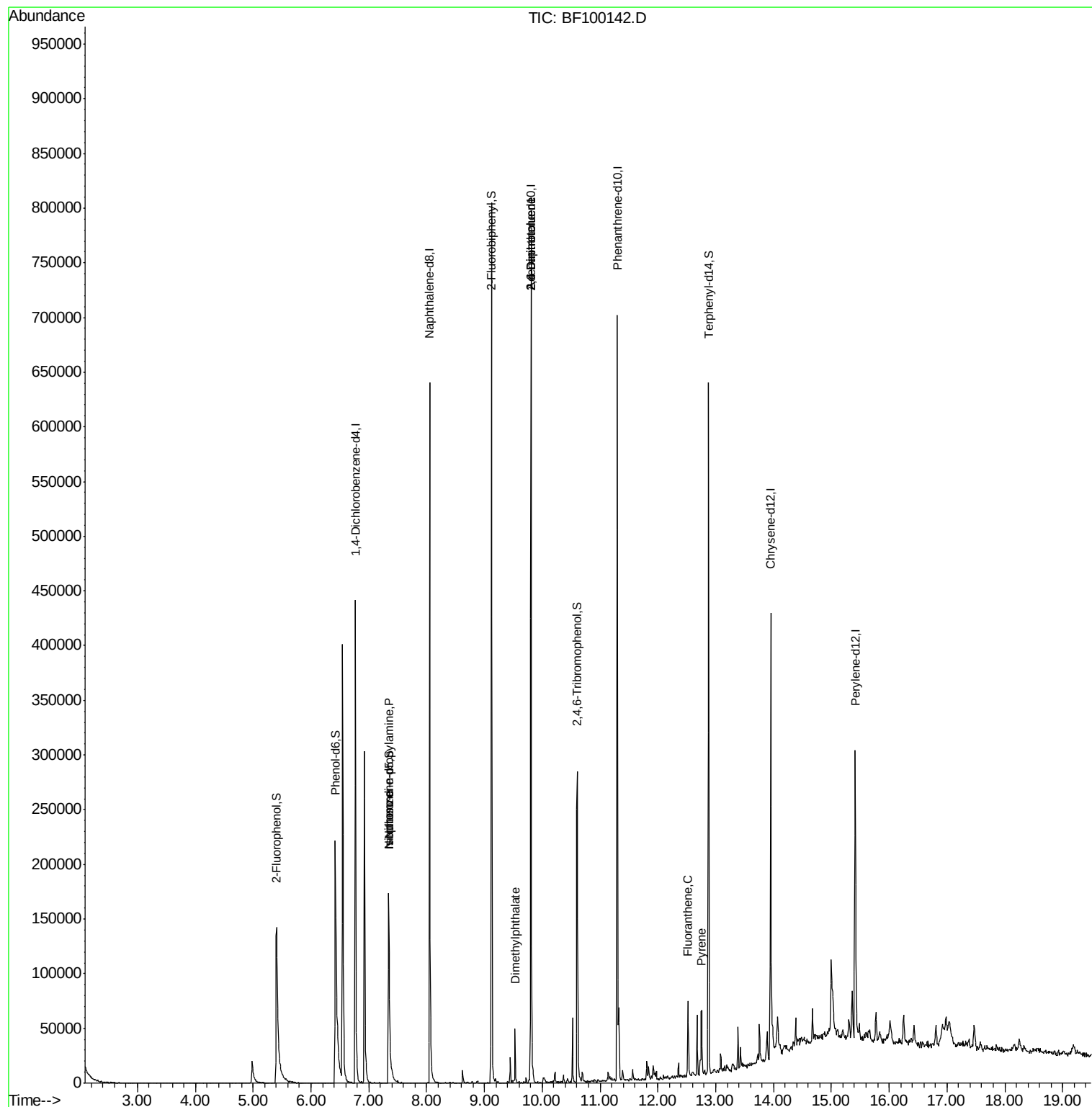
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78648	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	337697	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	153221	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	255644	20.00	ng	0.00
75) Chrysene-d12	13.95	240	139229	20.00	ng	0.00
86) Perylene-d12	15.41	264	130218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	113784	22.71	ng	0.01
7) Phenol-d6	6.42	99	177638	29.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	95102	18.13	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	43406	31.09	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	249069	25.08	ng	0.00
78) Terphenyl-d14	12.87	244	185732	29.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	11680	3.355	ng	# 70
25) Isophorone	7.35	82	95102	9.992	ng	# 64
49) Dimethylphthalate	9.53	163	26831	2.211	ng	97
50) 2,6-Dinitrotoluene	9.80	165	19060	7.472	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	19060	6.205	ng	# 21
74) Fluoranthene	12.52	202	31033	2.070	ng	95
77) Pyrene	12.75	202	25851	2.442	ng	99

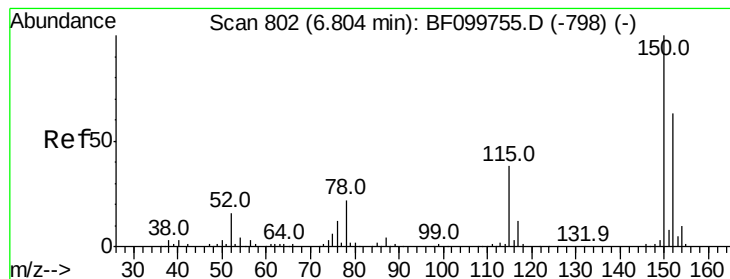
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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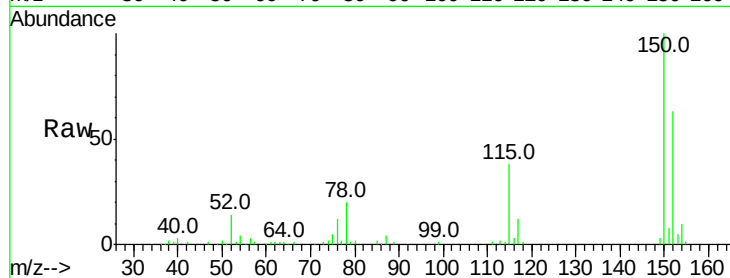


#1

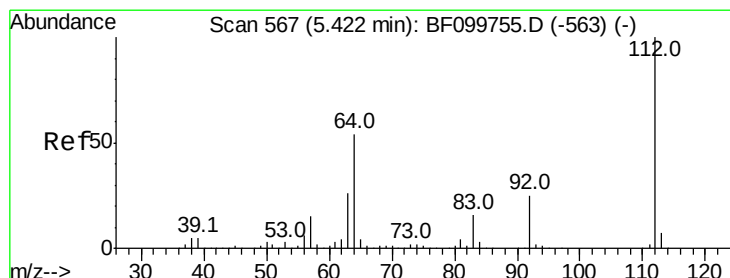
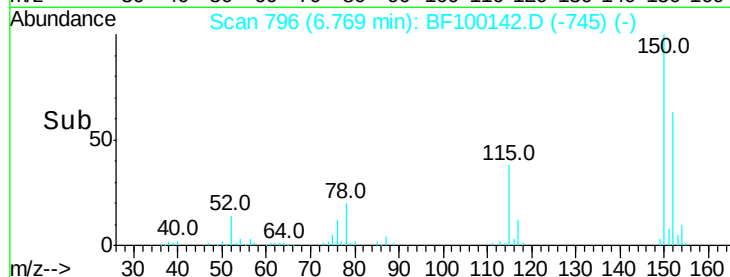
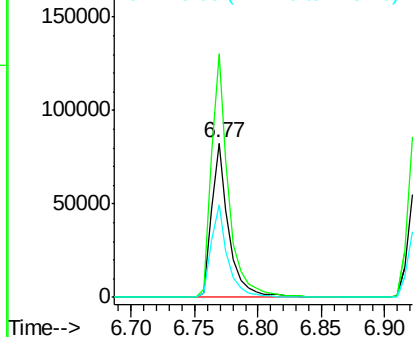
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78648
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.7 50.1 75.1



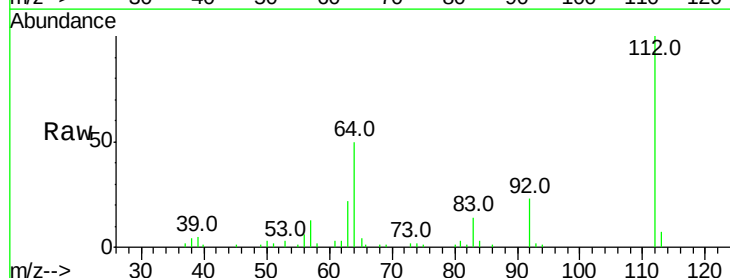
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



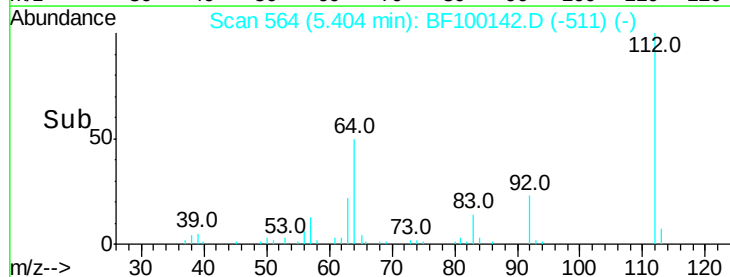
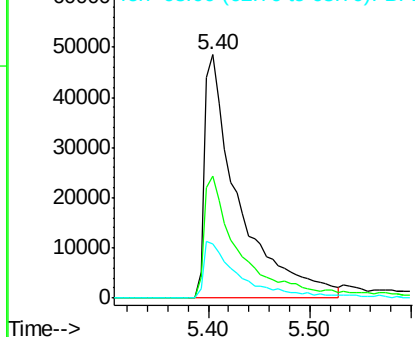
#5

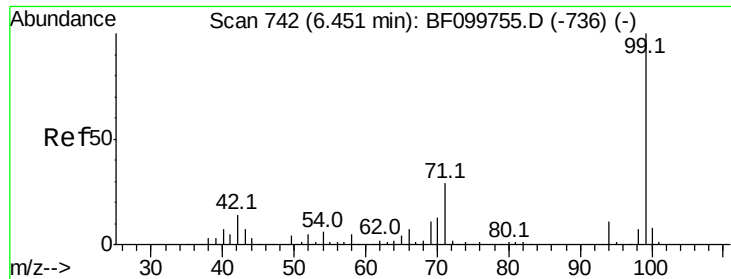
2-Fluorophenol
Concen: 22.713 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Tgt Ion:112 Resp: 113784
Ion Ratio Lower Upper
112 100
64 50.0 47.9 71.9
63 22.0 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: 29.906 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Instrument :

BNA_F

ClientSampleId :

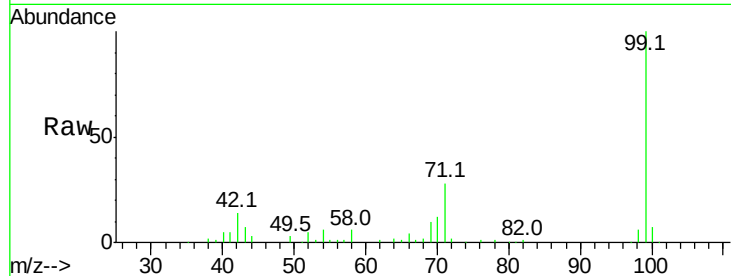
Tot Ion: 99 Resp: 177638

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

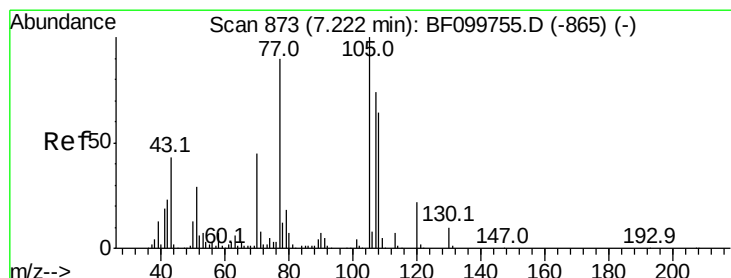
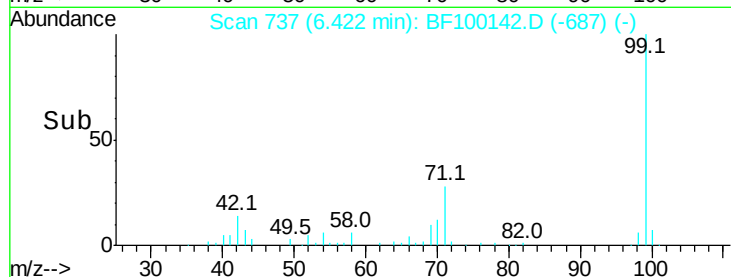
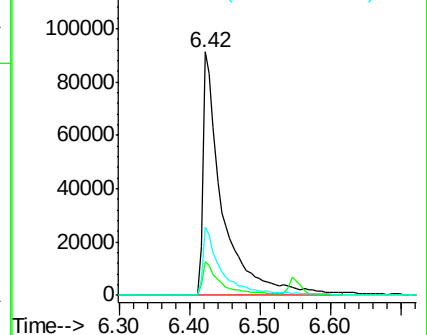
71 28.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.355 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Tgt Ion: 70 Resp: 11680

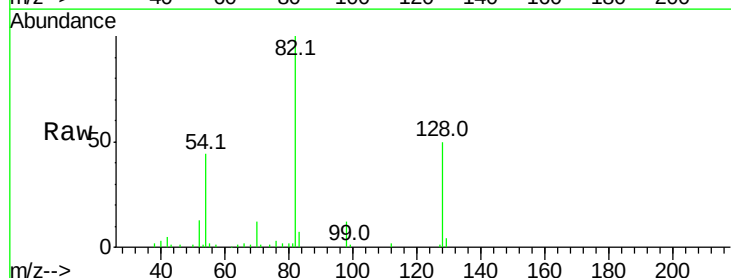
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

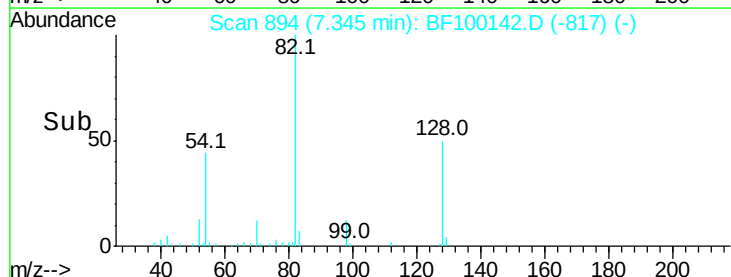
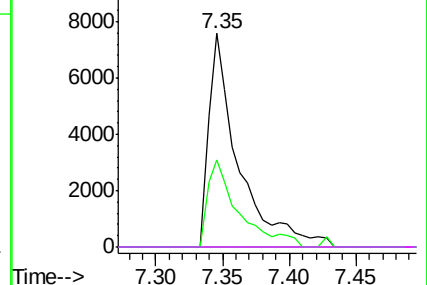


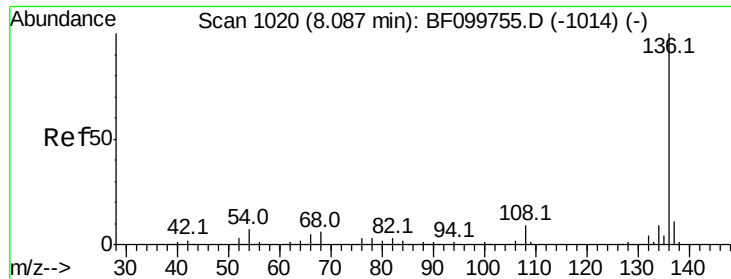
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

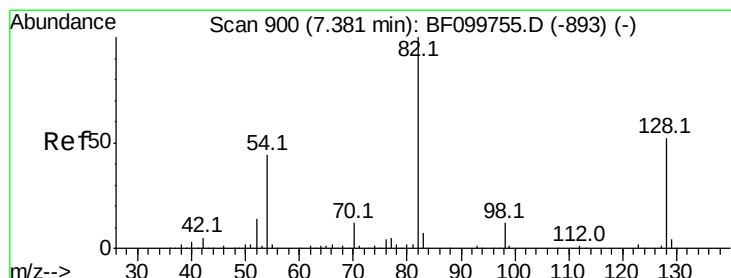
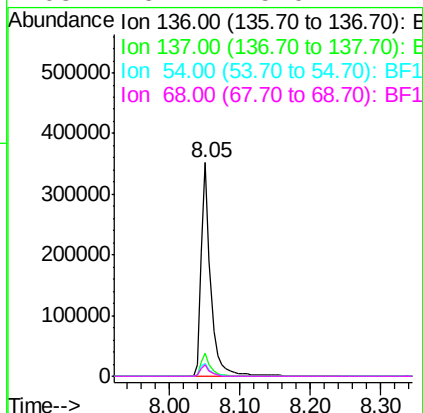
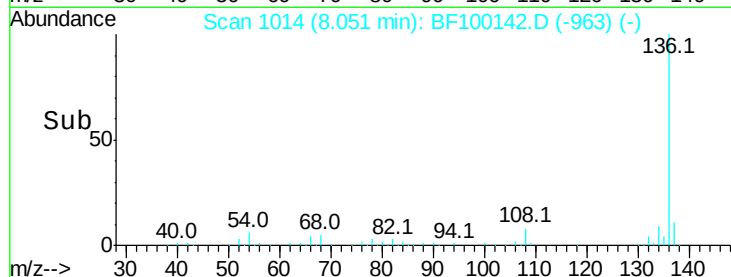
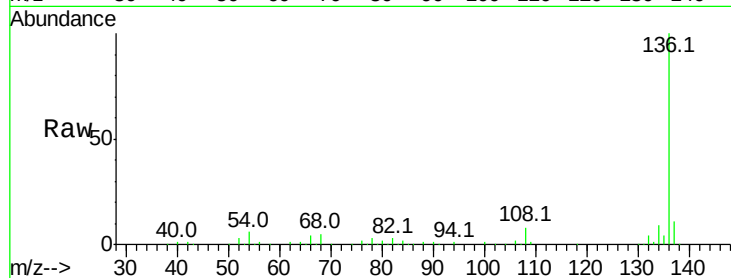




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

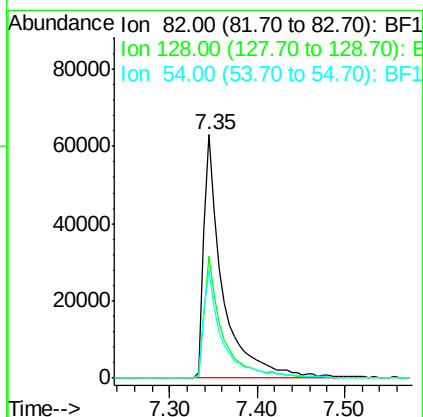
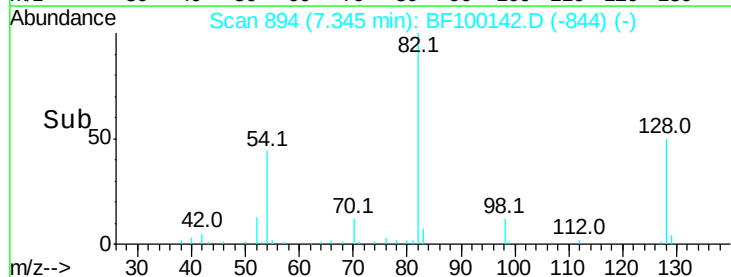
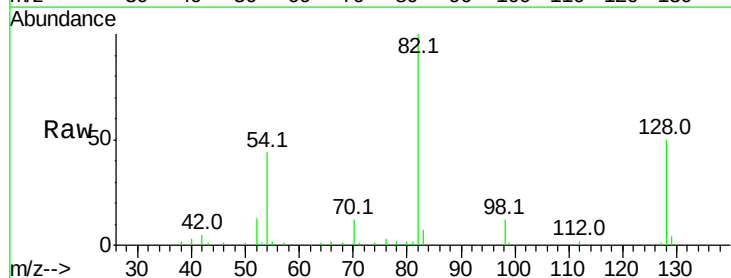
Instrument :
BNA_F
ClientSampled :

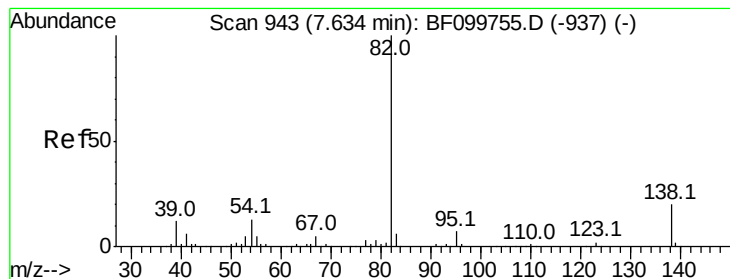
Tot Ion:	136	Resp:	337697
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 18.131 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Tgt Ion:	82	Resp:	95102
Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	44.3	41.4	62.2





#25

Isophorone

Concen: 9.992 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.25 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Instrument :

BNA_F

ClientSampleId :

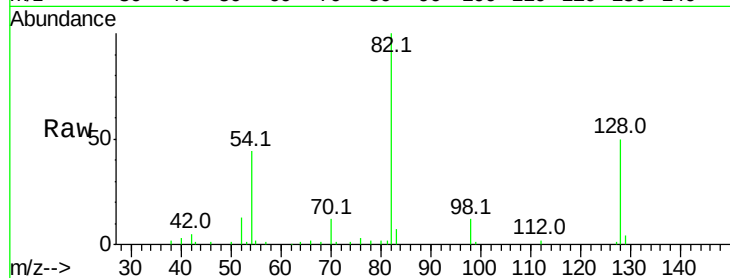
Tot Ion: 82 Resp: 95102

Ion Ratio Lower Upper

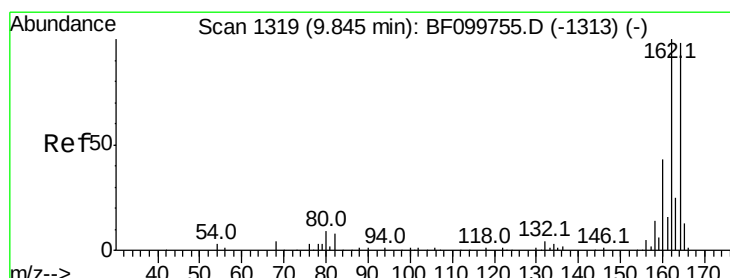
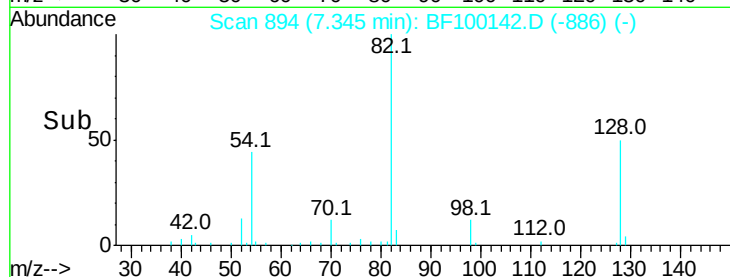
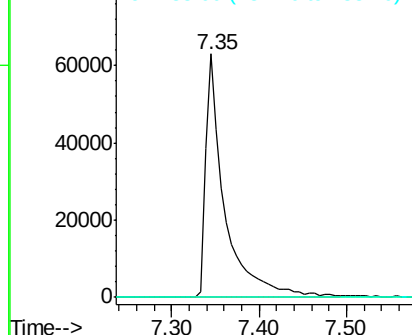
82 100

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: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

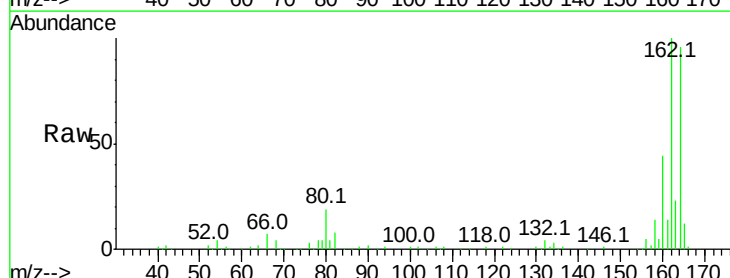
Tgt Ion:164 Resp: 153221

Ion Ratio Lower Upper

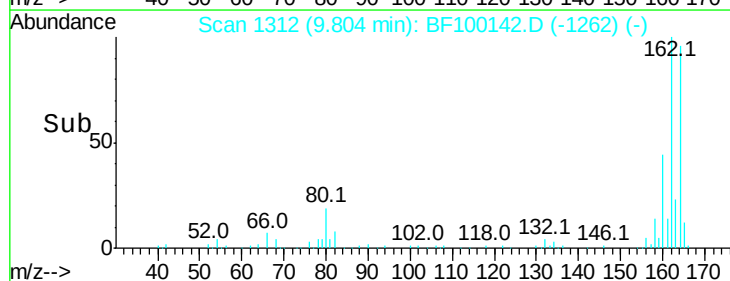
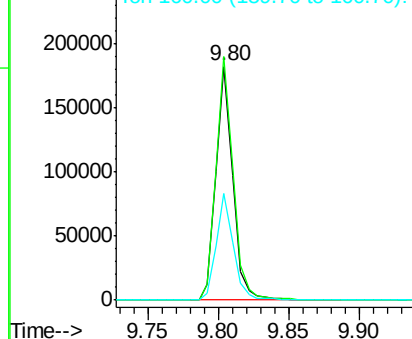
164 100

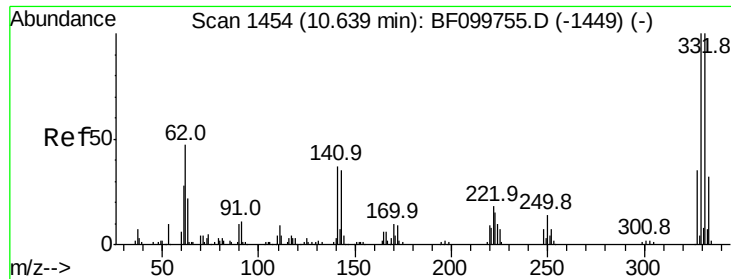
162 104.2 86.1 129.1

160 45.6 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

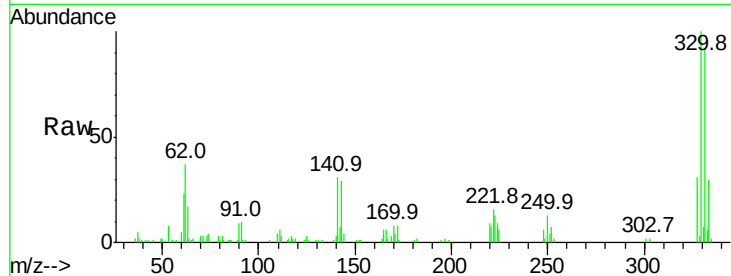




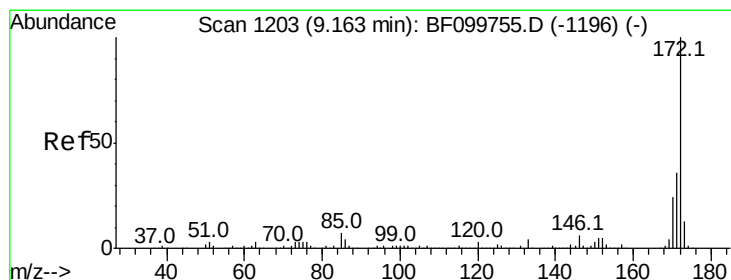
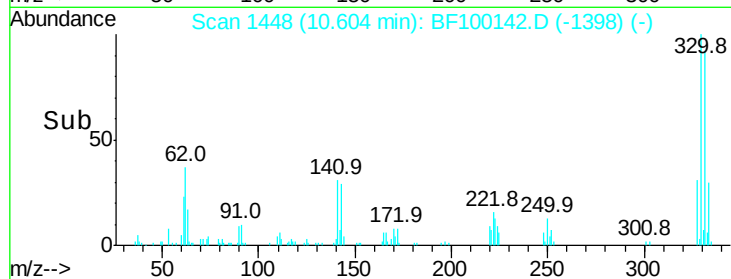
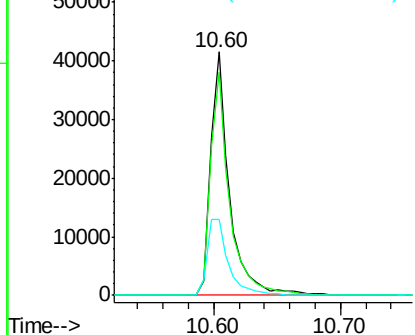
#41
 2,4,6-Tribromophenol
 Concen: 31.086 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 43406
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 35.1 29.9 44.9

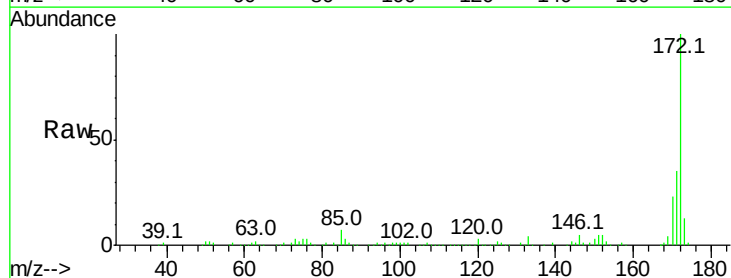


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

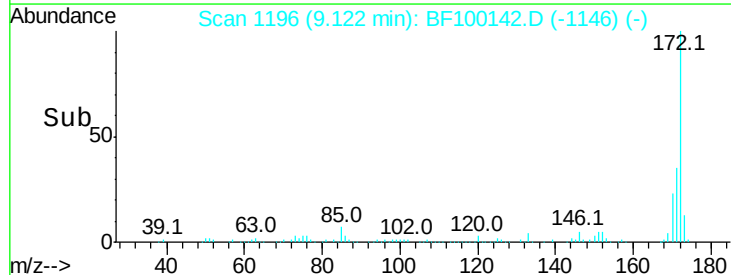
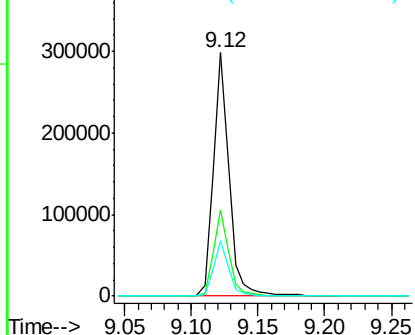


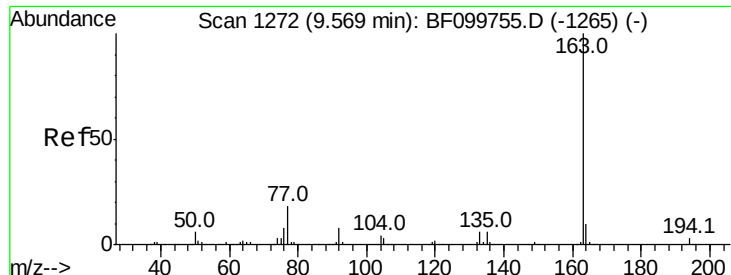
#44
 2-Fluorobiphenyl
 Concen: 25.080 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Tgt Ion:172 Resp: 249069
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.9 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: 2.211 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Instrument :

BNA_F

ClientSampleId :

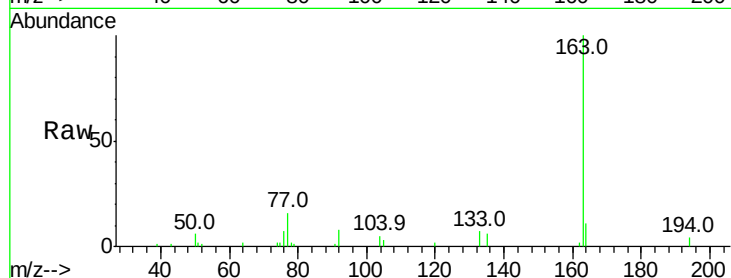
Tot Ion:163 Resp: 26831

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

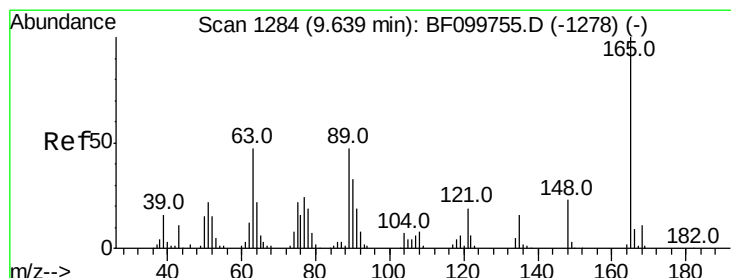
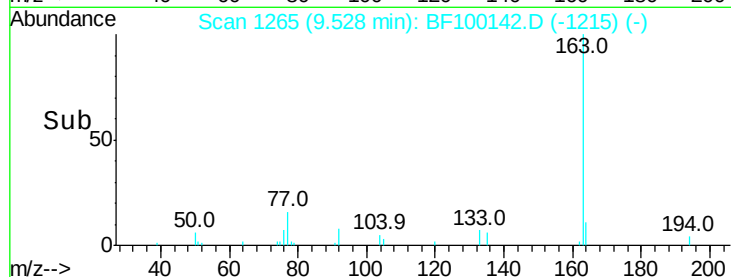
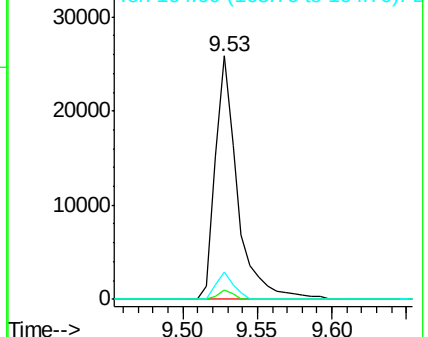
164 11.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.472 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.19 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

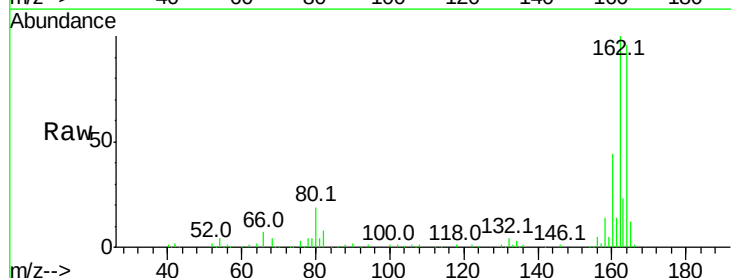
Tgt Ion:165 Resp: 19060

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

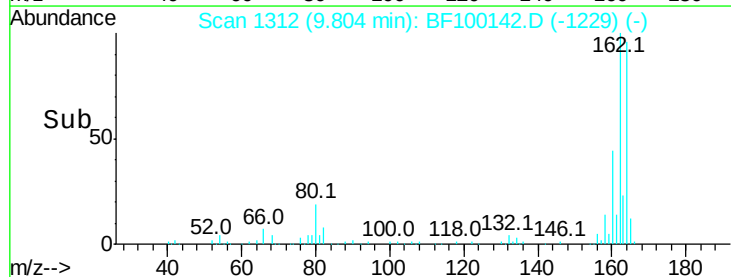
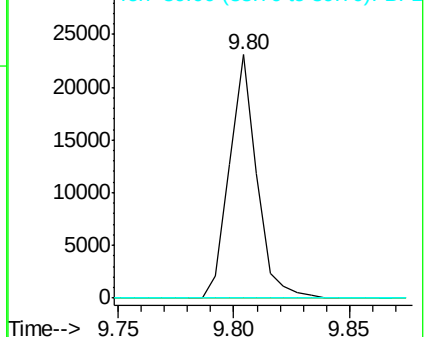
89 0.0 44.0 66.0#

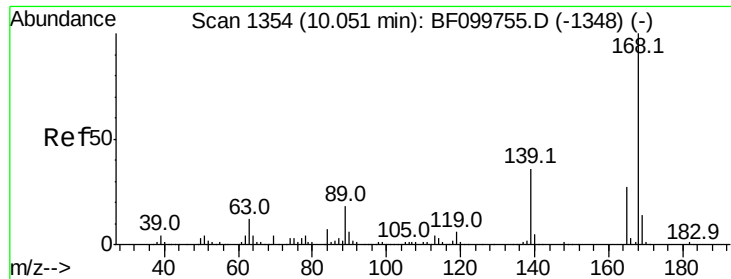


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

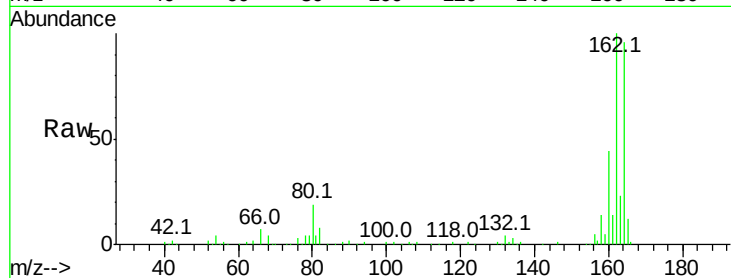




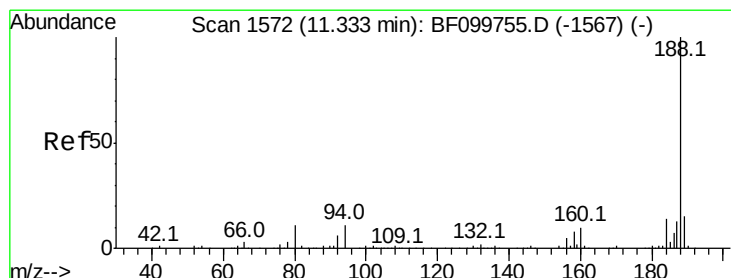
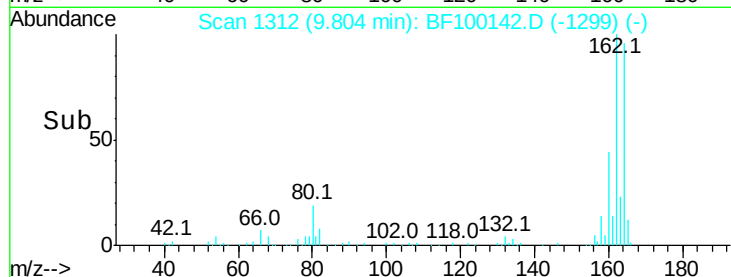
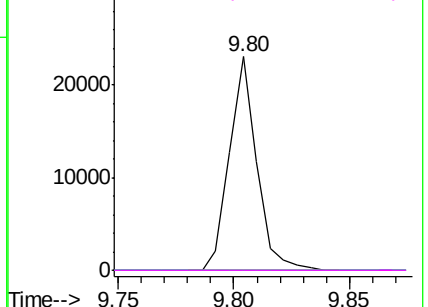
#56
 2,4-Dinitrotoluene
 Concen: 6.205 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19060
 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#

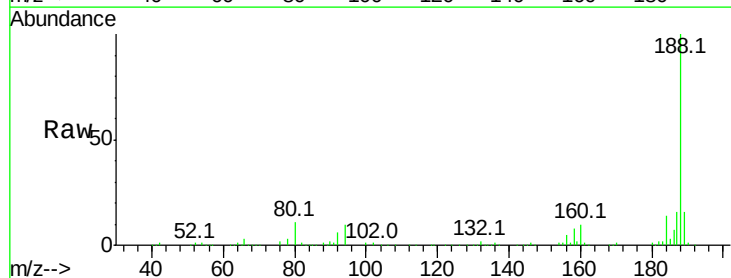


Abundance Ion 165.00 (164.70 to 165.70): E

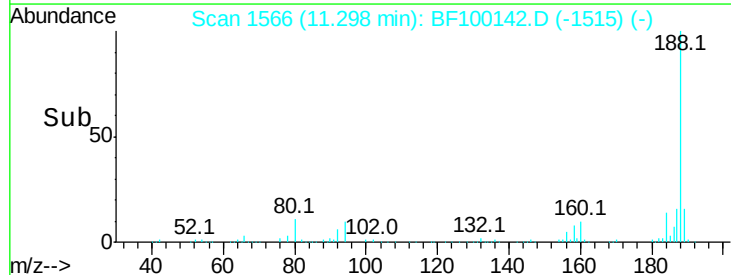
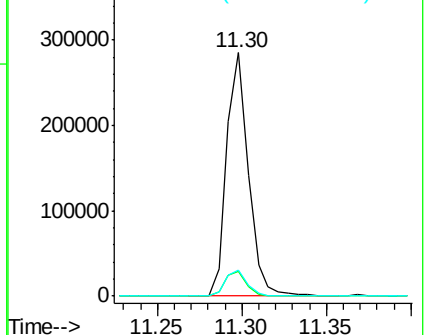


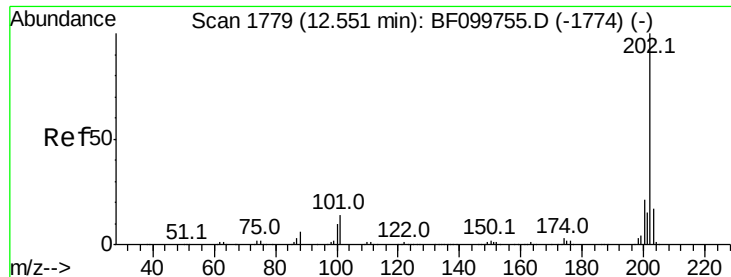
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Tgt Ion:188 Resp: 255644
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#74

Fluoranthene

Concen: 2.070 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

Instrument :

BNA_F

ClientSampleId :

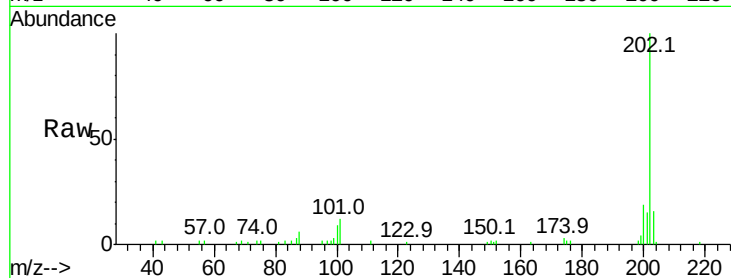
Tot Ion:202 Resp: 31033

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

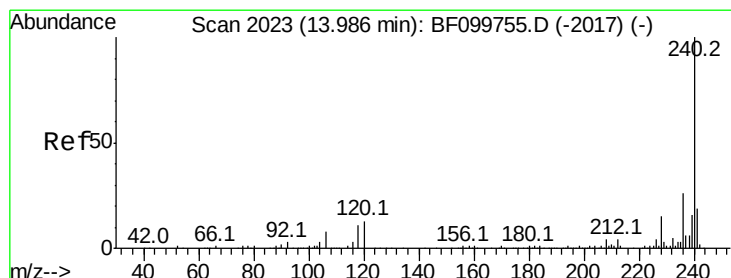
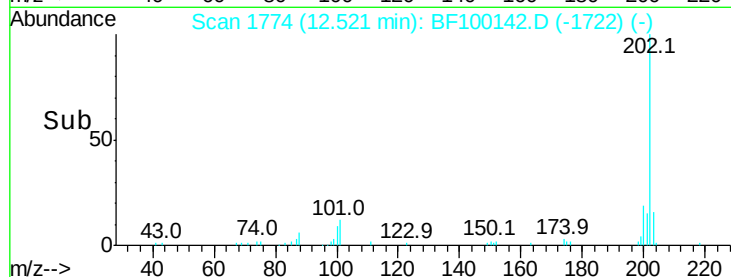
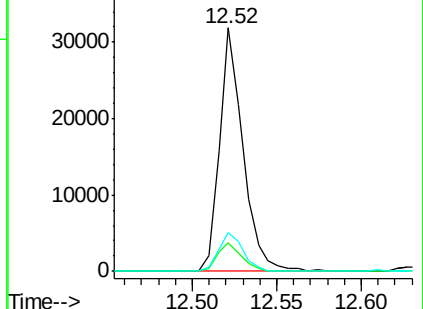
203 16.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100142.D

Acq: 3 Nov 2017 18:43

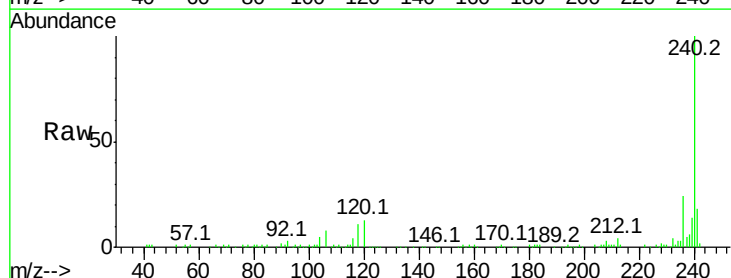
Tgt Ion:240 Resp: 139229

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

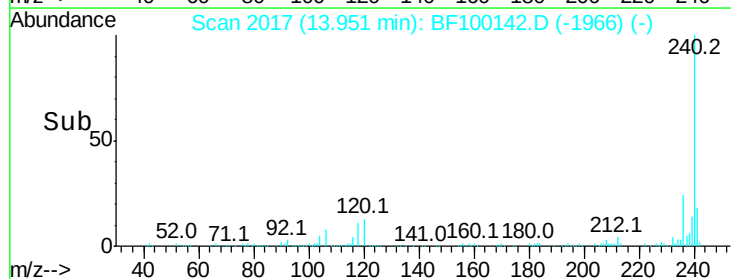
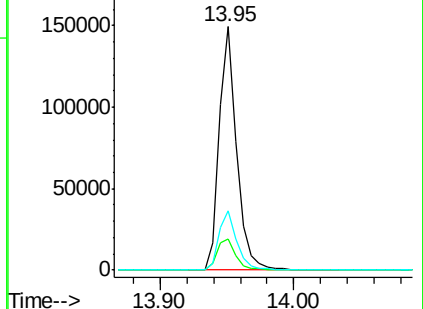
236 24.4 20.7 31.1

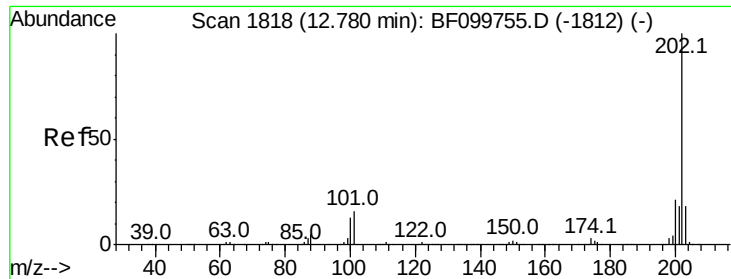


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

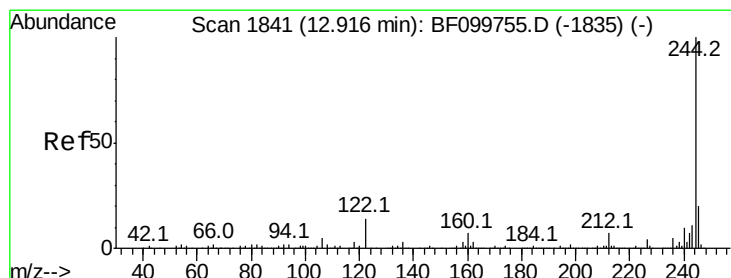
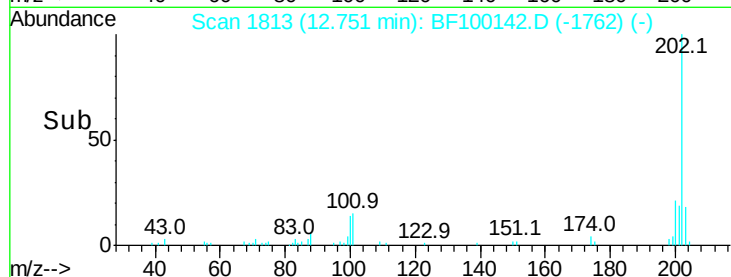
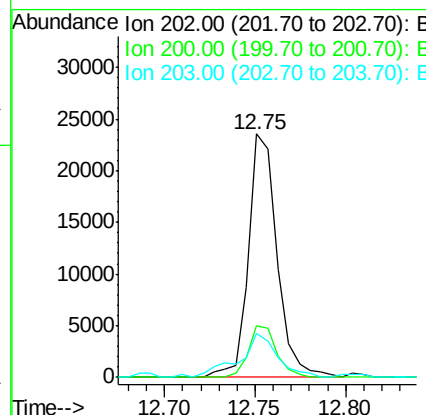
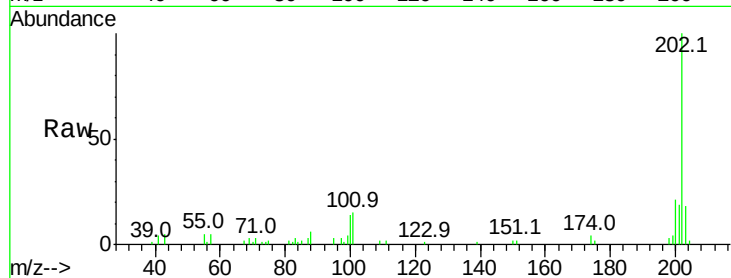




#77
Pvrene
Concen: 2.442 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

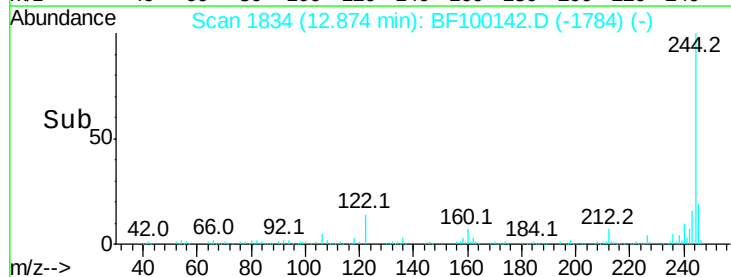
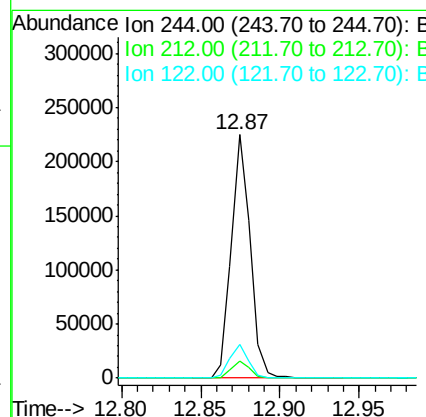
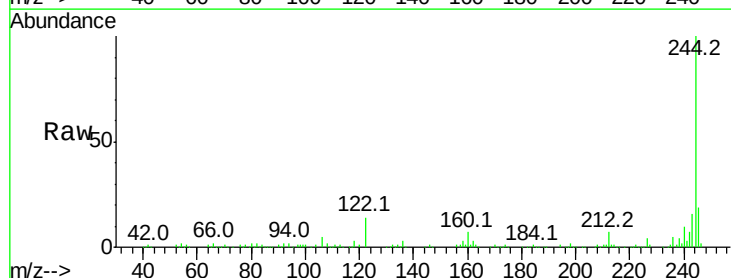
Instrument :
BNA_F
ClientSampleId :

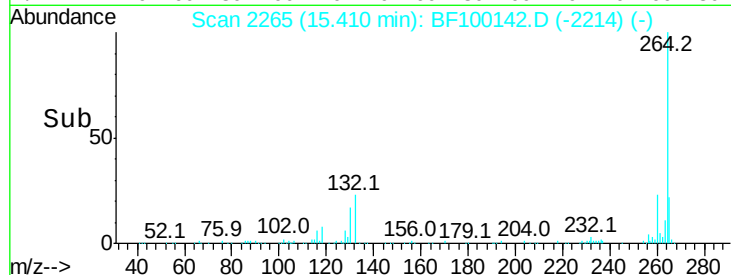
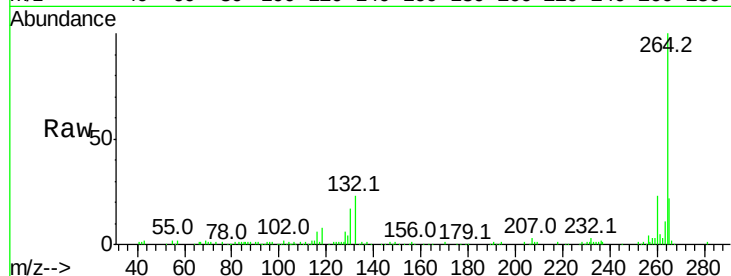
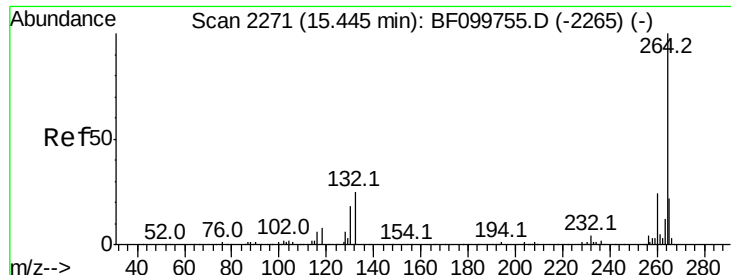
Tot Ion:202 Resp: 25851
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 29.153 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF100142.D
Acq: 3 Nov 2017 18:43

Tgt Ion:244 Resp: 185732
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.0 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BF100142.D
 Acq: 3 Nov 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	130218
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	17.5	26.3

