

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100114.D
 Acq On : 3 Nov 2017 5:27
 Operator : SJ/JU
 Sample : PB103911BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 07:23:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

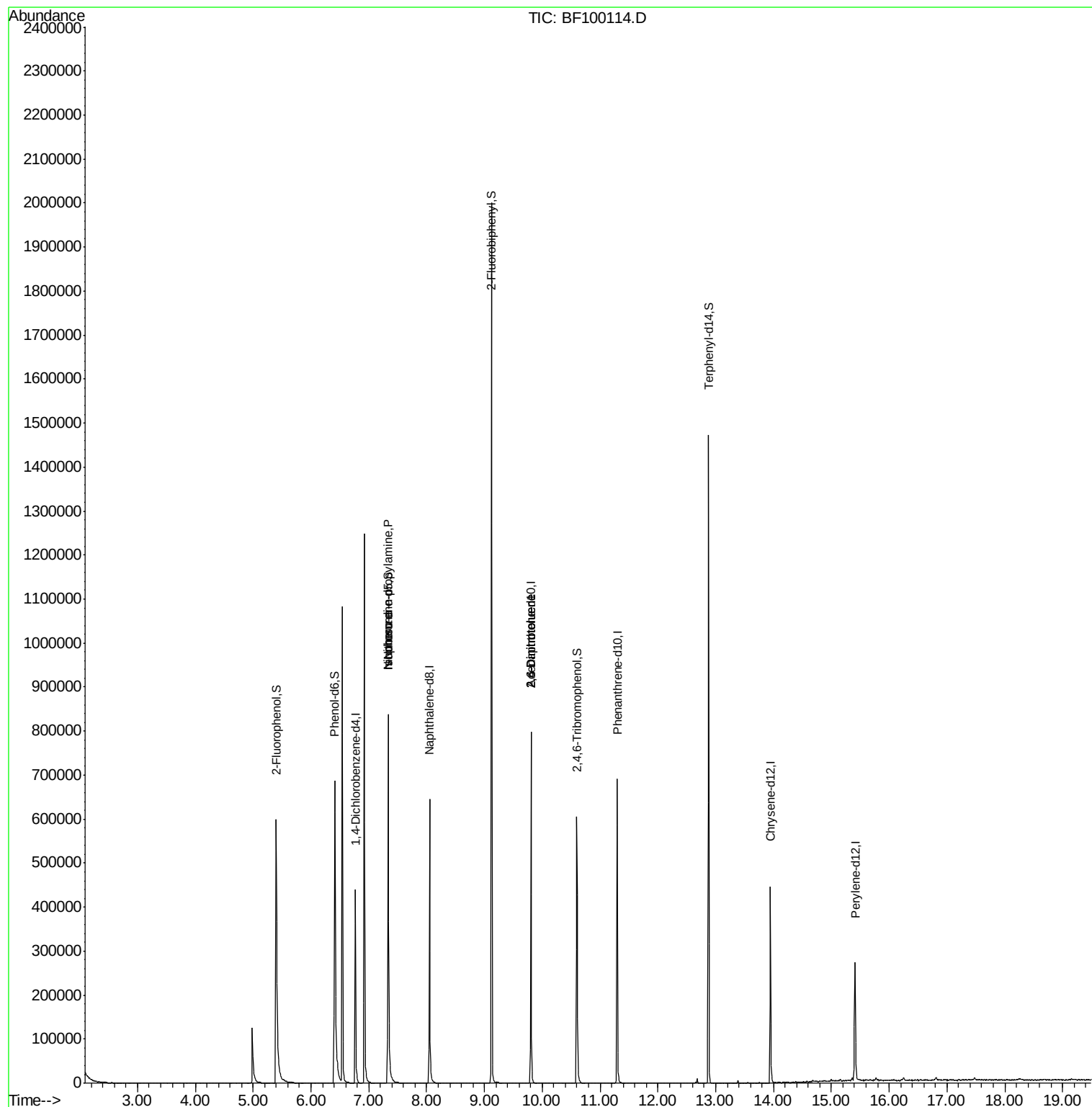
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80214	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	333851	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	155247	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	268213	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	159913	20.00	ng	-0.03
86) Perylene-d12	15.41	264	134961	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	309688	60.61	ng	0.00
7) Phenol-d6	6.41	99	382058	63.06	ng	-0.02
23) Nitrobenzene-d5	7.34	82	304068	58.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	80442	56.86	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	653949	64.99	ng	-0.01
78) Terphenyl-d14	12.88	244	533698	72.94	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	36779	10.360	ng	# 73
25) Isophorone	7.34	82	304068	32.315	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	19758	7.645	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	19758	6.348	ng	# 22

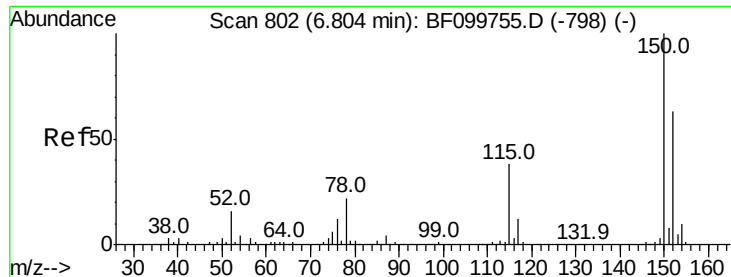
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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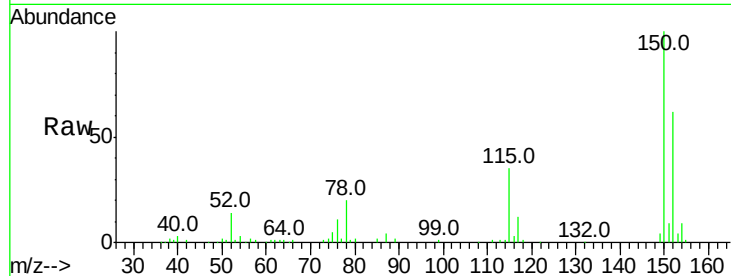


#1

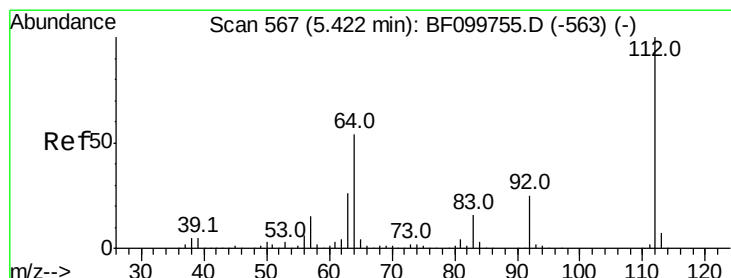
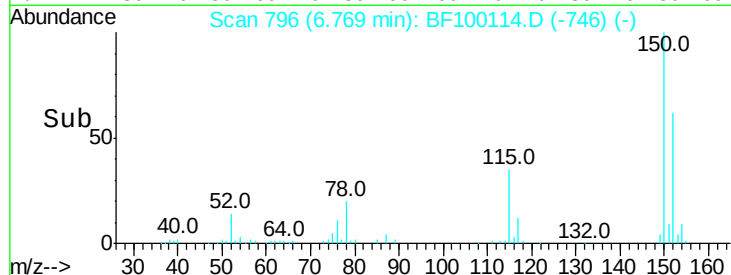
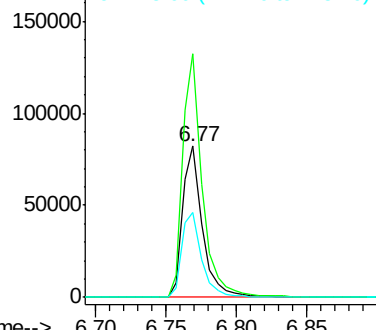
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80214
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 56.4 50.1 75.1



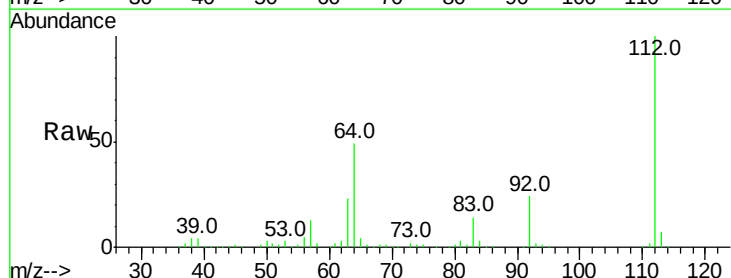
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



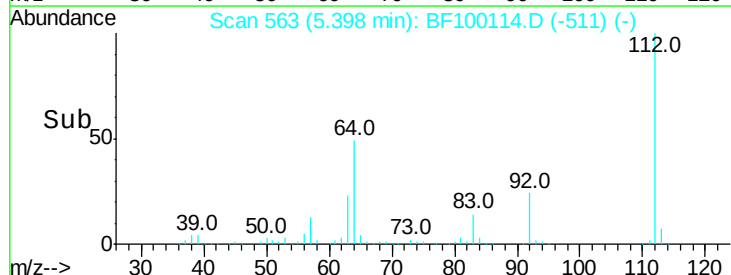
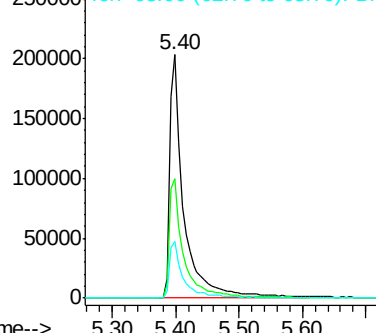
#5

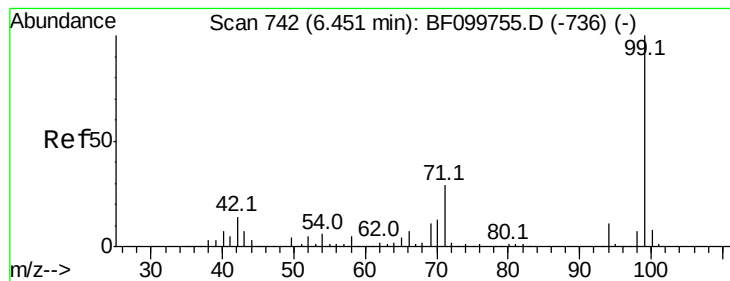
2-Fluorophenol
Concen: 60.613 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Tgt Ion:112 Resp: 309688
Ion Ratio Lower Upper
112 100
64 49.1 47.9 71.9
63 23.1 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: 63.065 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

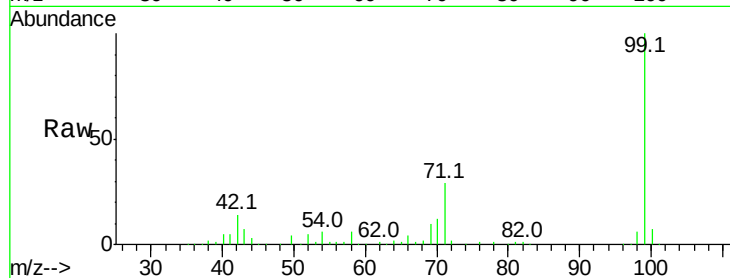
Tot Ion: 99 Resp: 382058

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

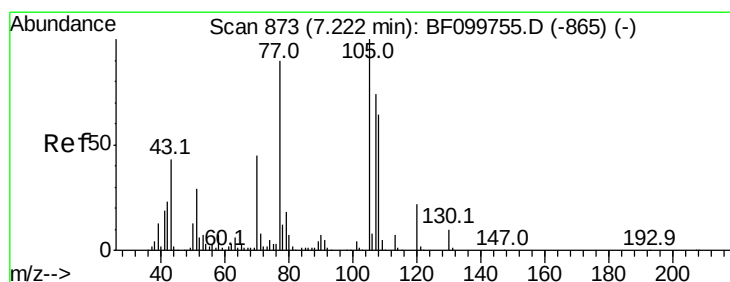
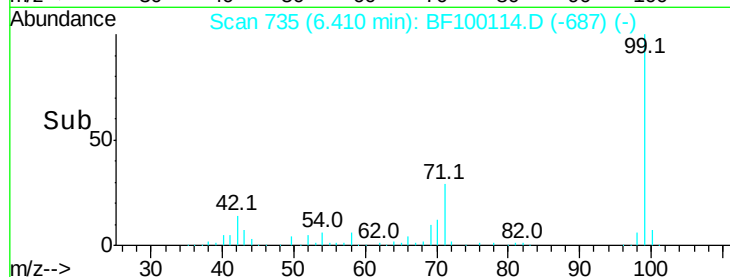
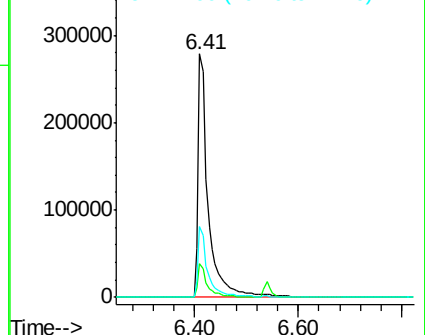
71 29.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.360 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Tgt Ion: 70 Resp: 36779

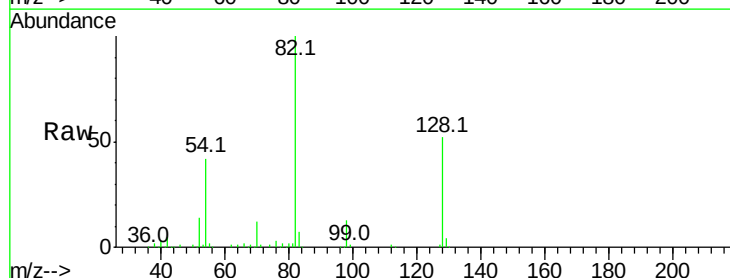
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

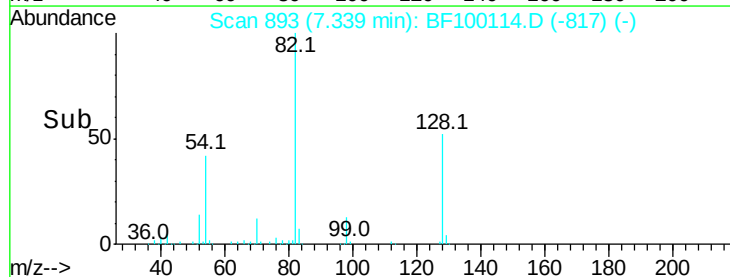
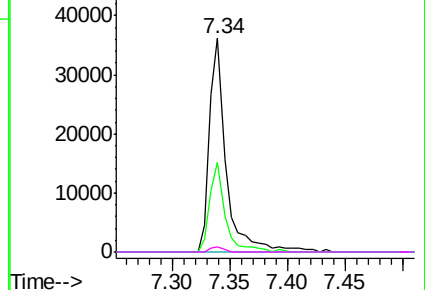


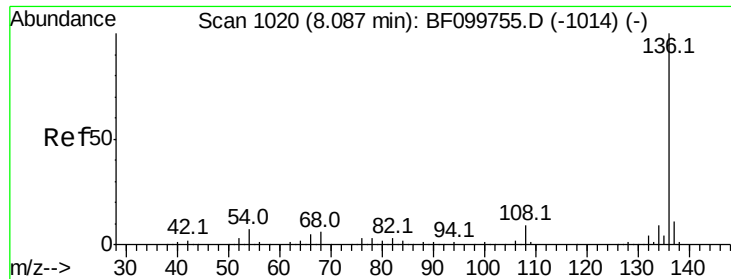
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

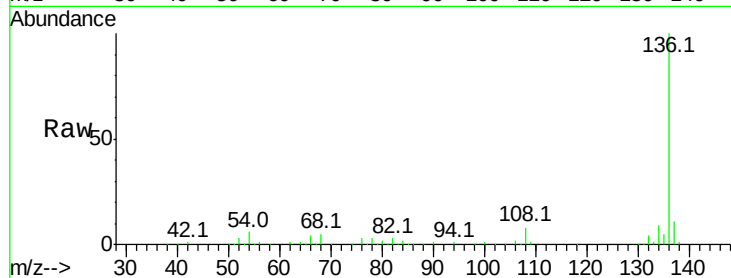




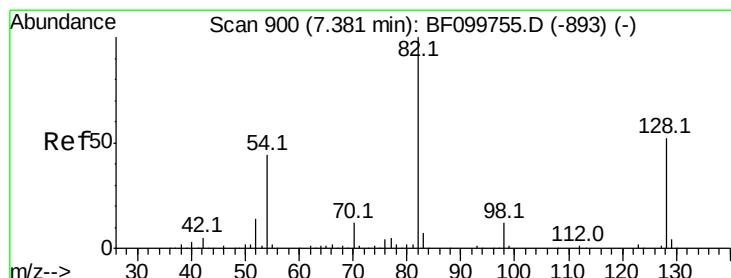
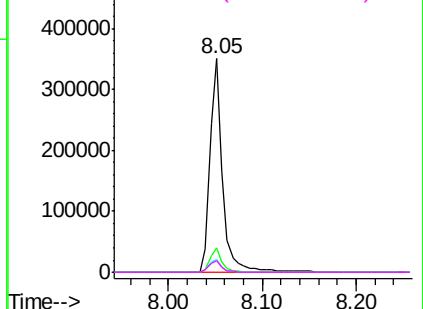
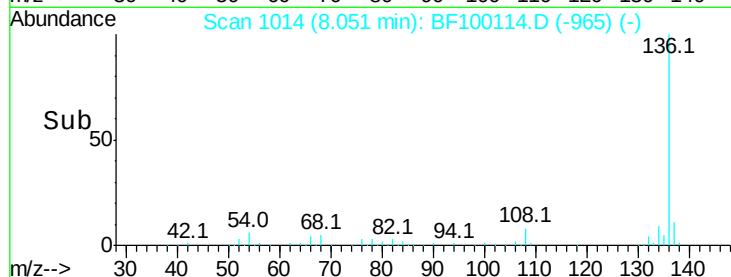
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	333851
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

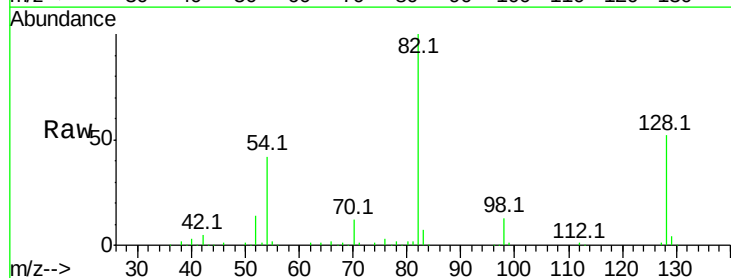


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

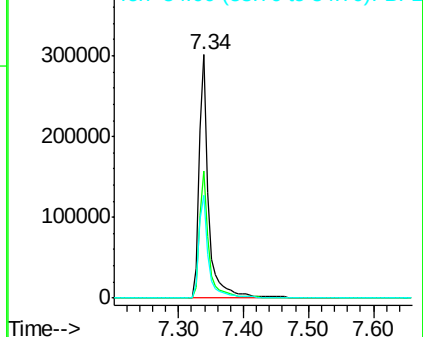
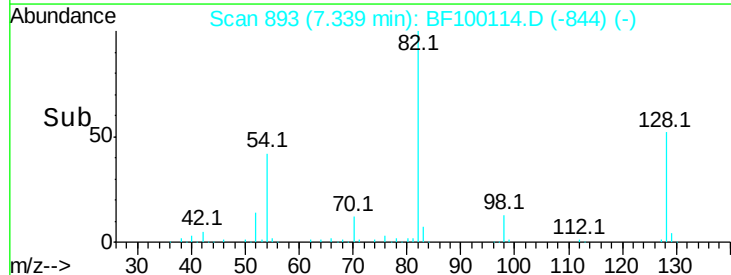


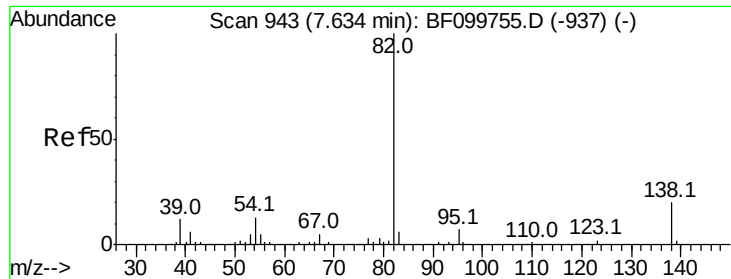
#23
Nitrobenzene-d5
Concen: 58.637 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Tgt Ion:	82	Resp:	304068
Ion	Ratio	Lower	Upper
82	100		
128	52.4	36.1	54.1
54	42.1	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: 32.315 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

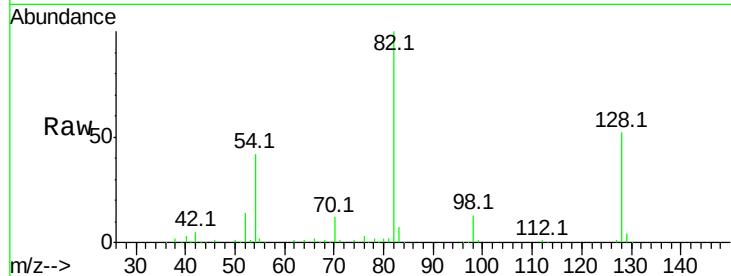
Tot Ion: 82 Resp: 304068

Ion Ratio Lower Upper

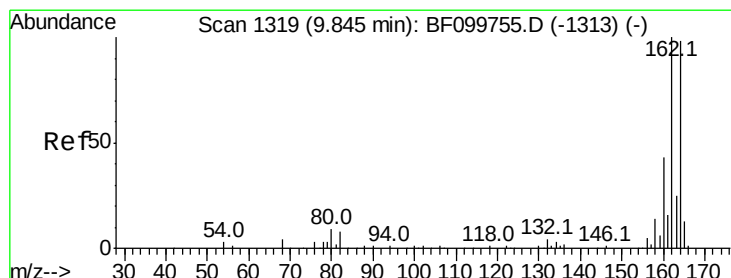
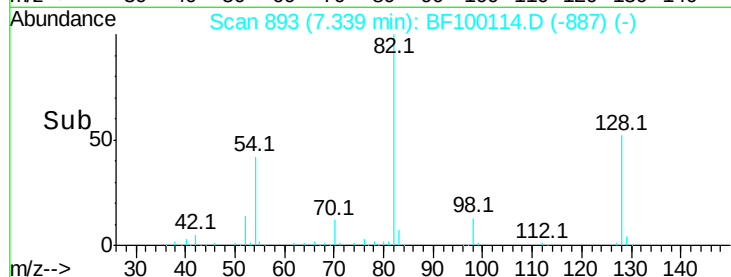
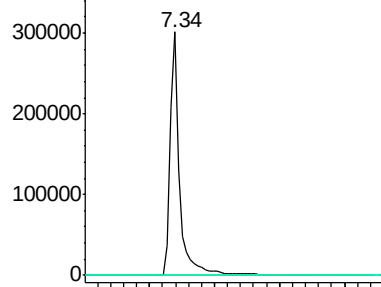
82 100

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: BF100114.D

Acq: 3 Nov 2017 5:27

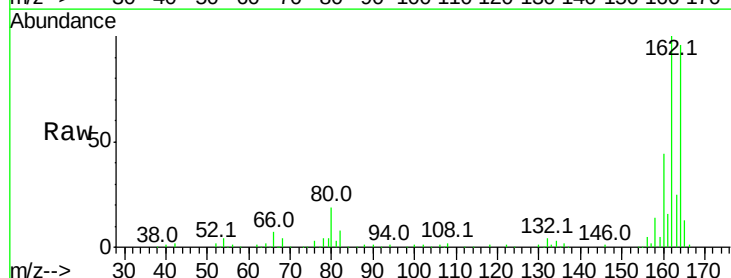
Tgt Ion: 164 Resp: 155247

Ion Ratio Lower Upper

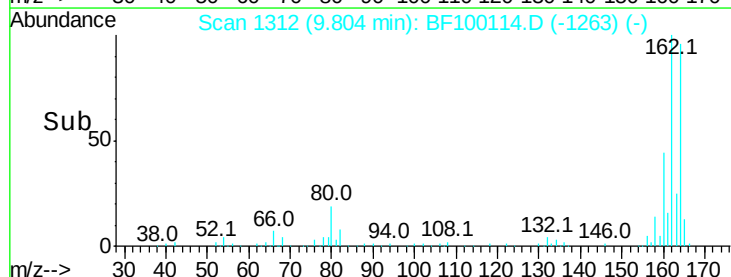
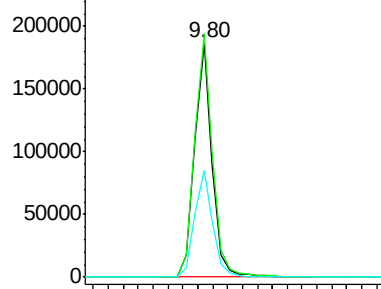
164 100

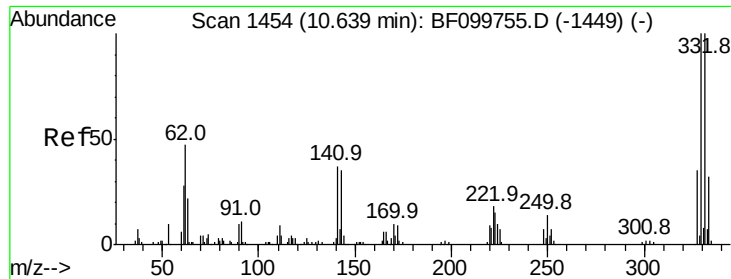
162 104.2 86.1 129.1

160 45.5 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

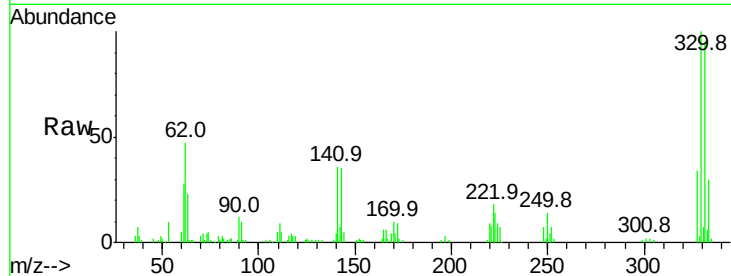




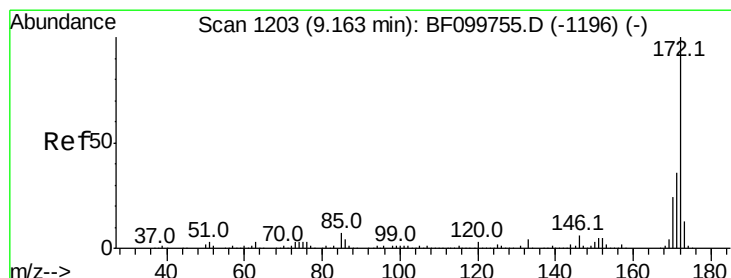
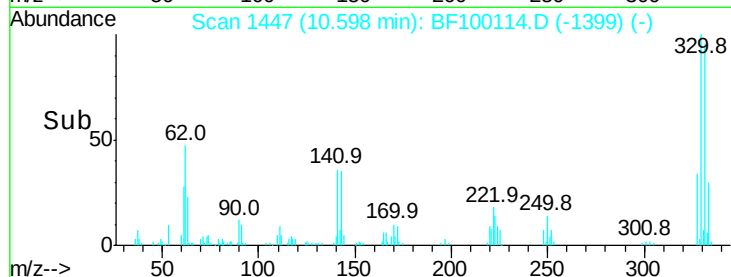
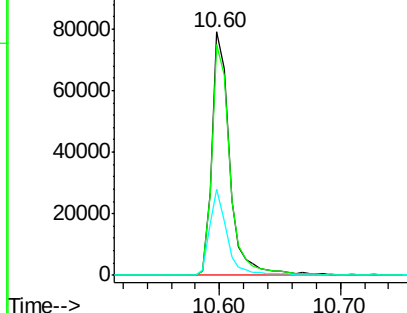
#41
 2,4,6-Tribromophenol
 Concen: 56.858 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 80442
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.4 29.9 44.9

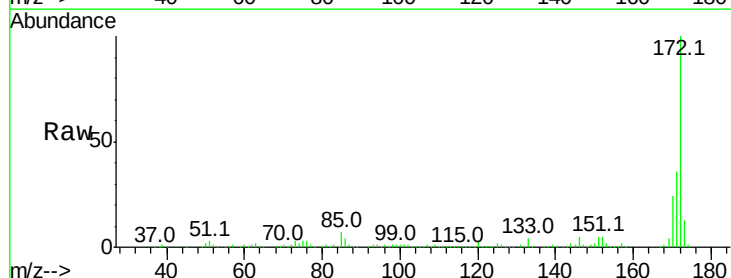


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

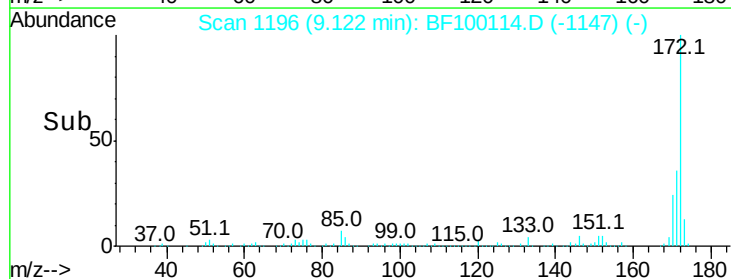
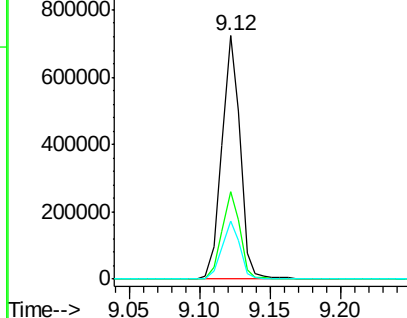


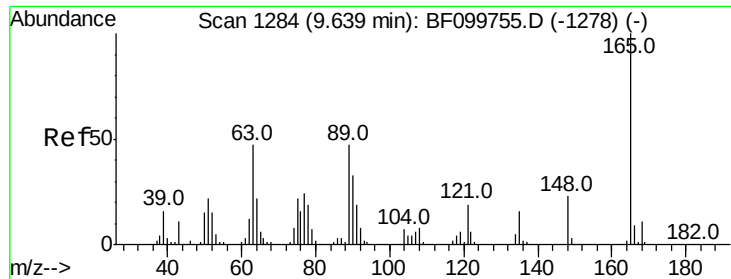
#44
 2-Fluorobiphenyl
 Concen: 64.989 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100114.D
 Acq: 3 Nov 2017 5:27

Tgt Ion:172 Resp: 653949
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 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

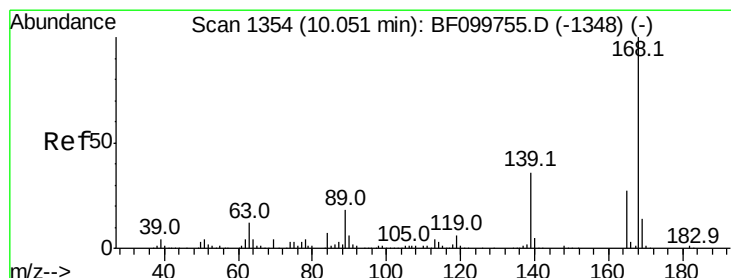
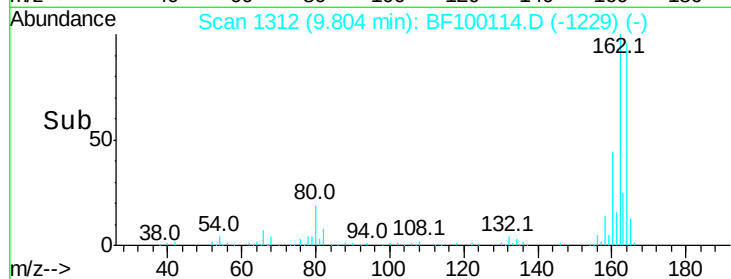
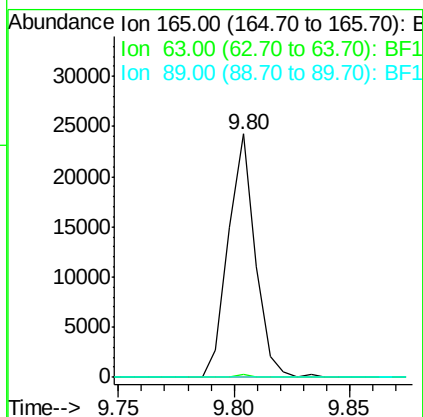
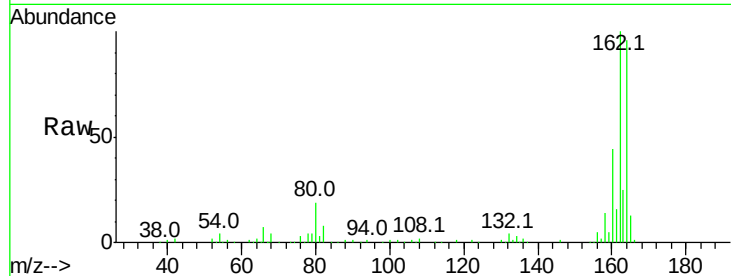




#50
2,6-Dinitrotoluene
Concen: 7.645 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

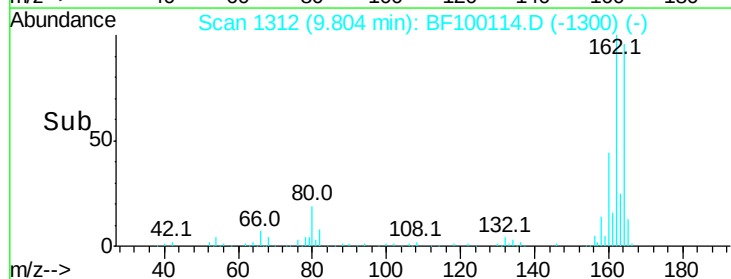
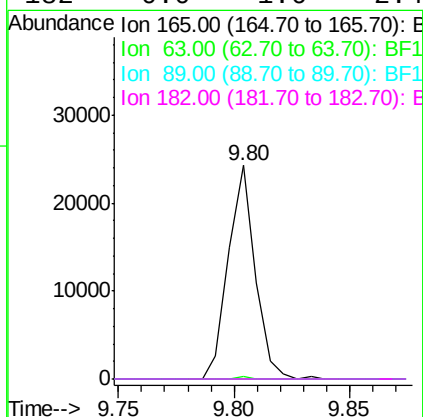
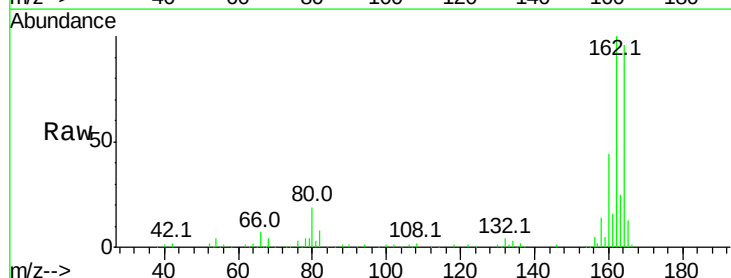
Instrument :
BNA_F
ClientSampleId :

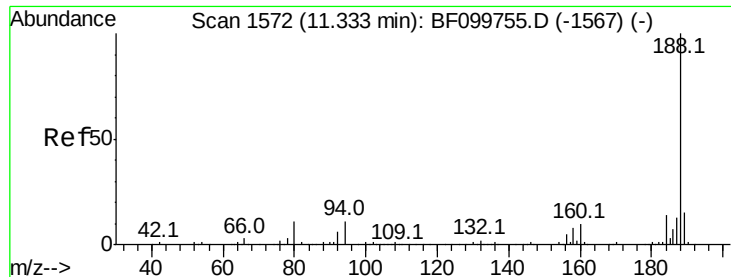
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.348 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

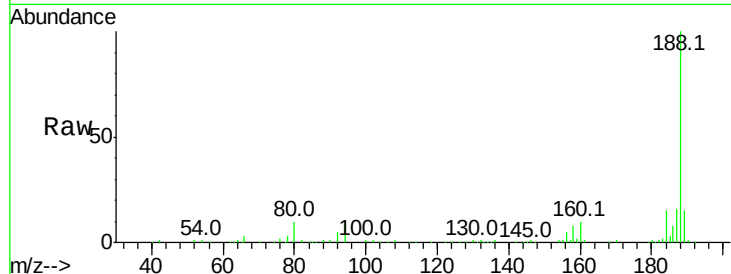




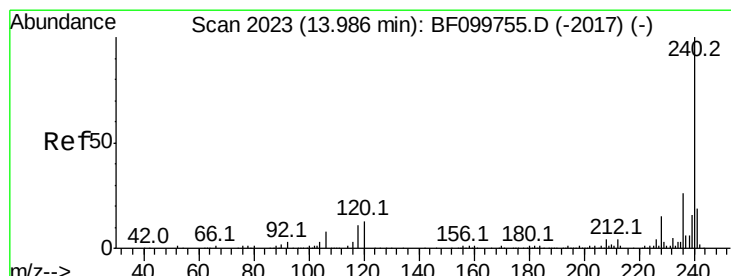
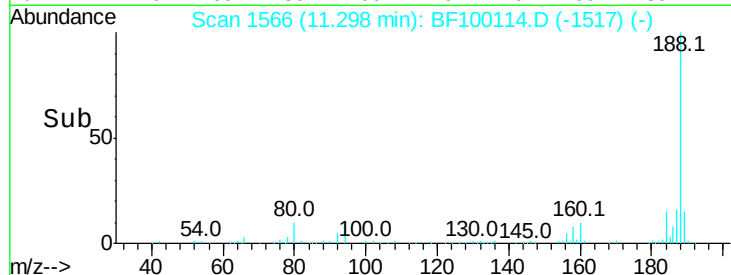
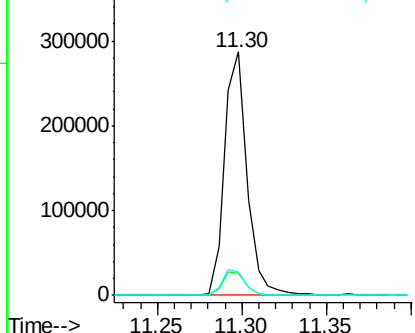
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

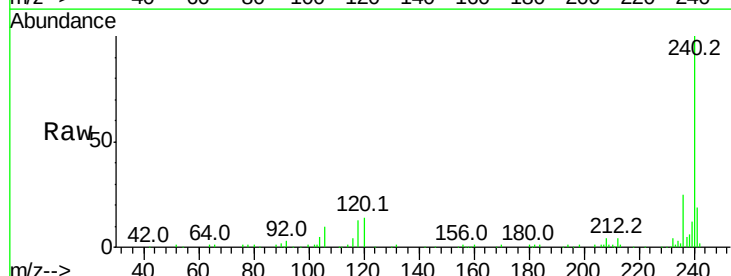


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

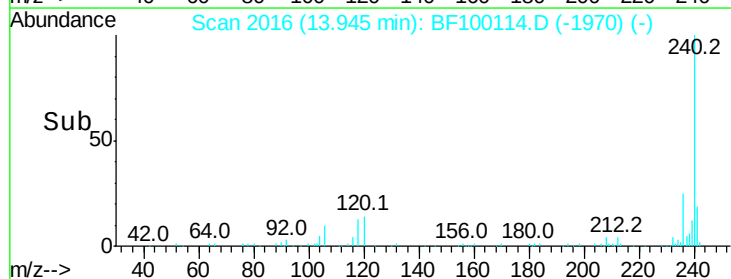
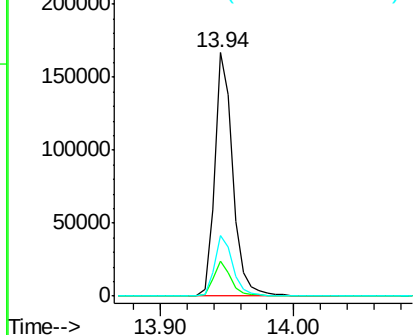


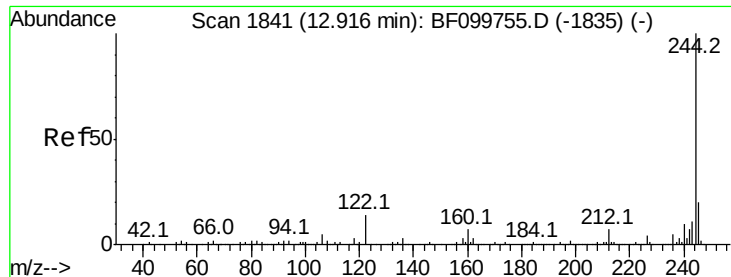
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100114.D
Acq: 3 Nov 2017 5:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.0	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: 72.935 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

Instrument :

BNA_F

ClientSampleId :

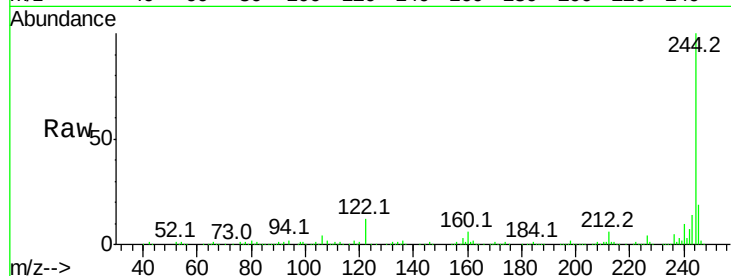
Tot Ion:244 Resp: 533698

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

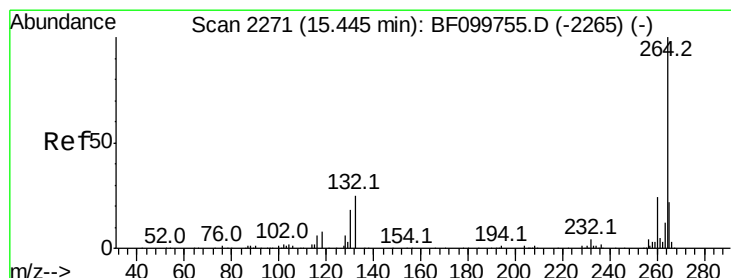
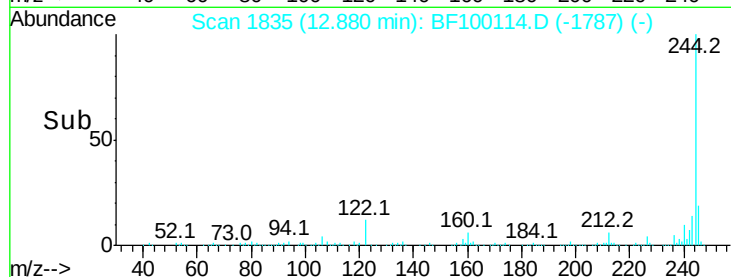
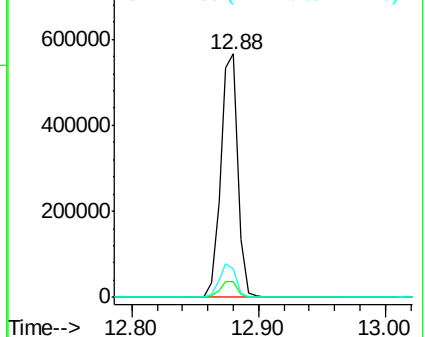
122 11.5 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100114.D

Acq: 3 Nov 2017 5:27

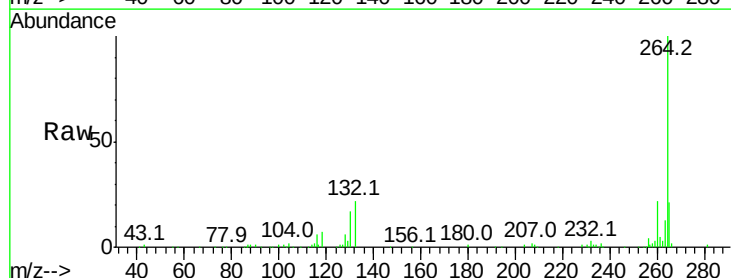
Tgt Ion:264 Resp: 134961

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.6 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

