

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100129.D
 Acq On : 3 Nov 2017 12:12
 Operator : SJ/JU
 Sample : I6143-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 13:10:18 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

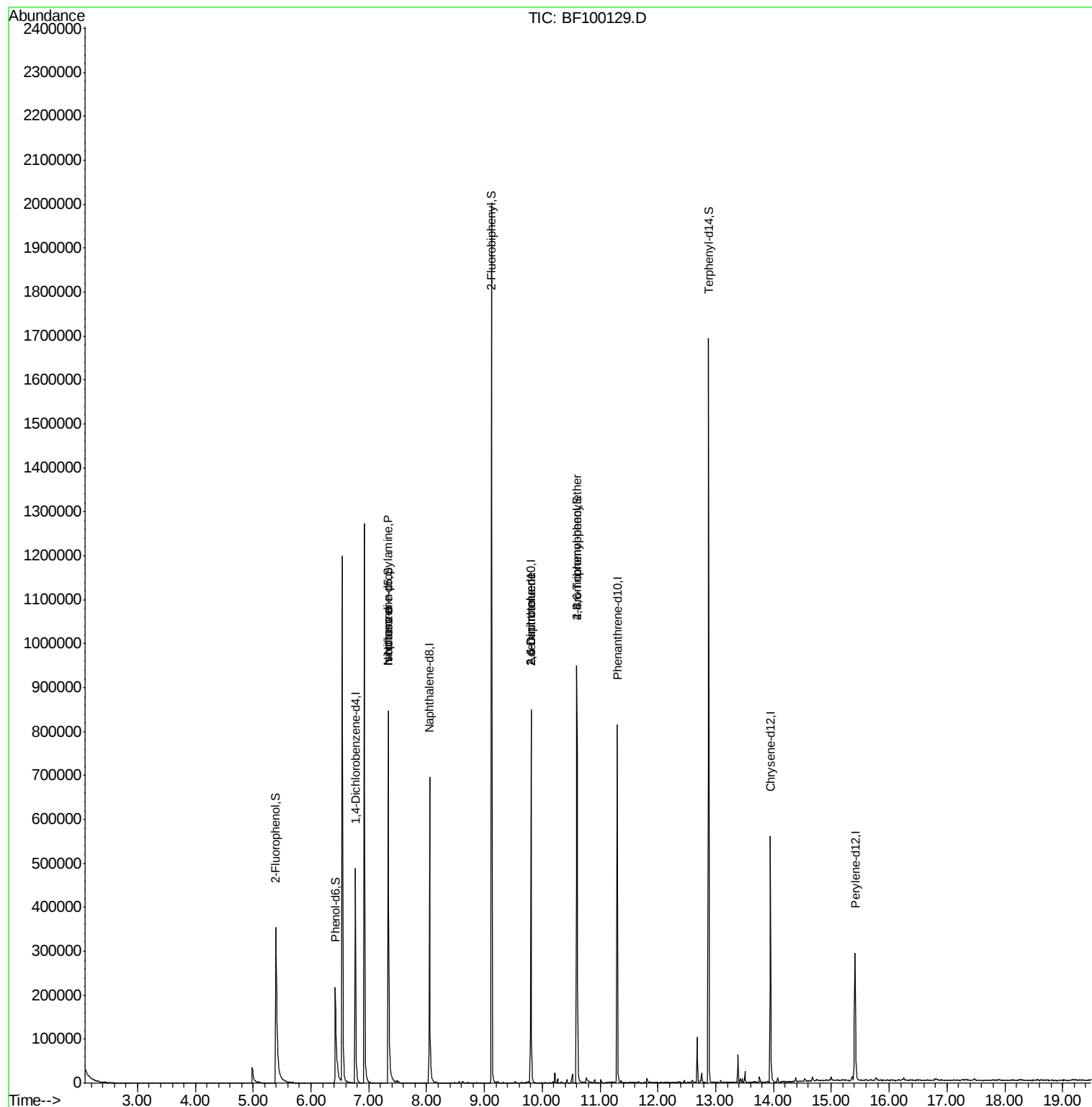
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	88701	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	361109	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	166229	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	294028	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	197723	20.00	ng	-0.03
86) Perylene-d12	15.41	264	148756	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	210099	37.19	ng	0.00
7) Phenol-d6	6.42	99	166387	24.84	ng	0.00
23) Nitrobenzene-d5	7.34	82	308064	54.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	122508	80.87	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	644545	59.82	ng	-0.01
78) Terphenyl-d14	12.88	244	567331	62.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	37642	9.588	ng	# 69
25) Isophorone	7.34	82	308064	30.268	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	20538	7.421	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	20538	6.163	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	7920	2.559	ng	# 1

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

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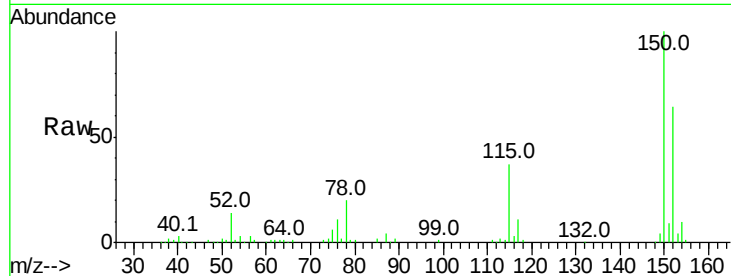


#1

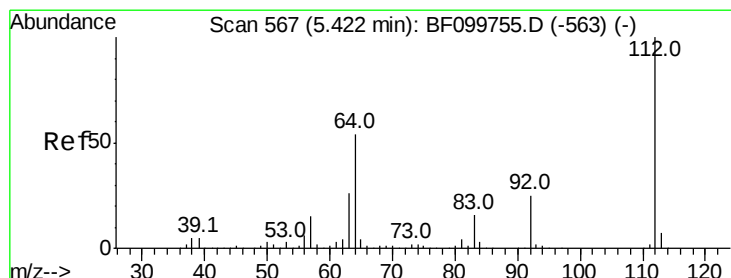
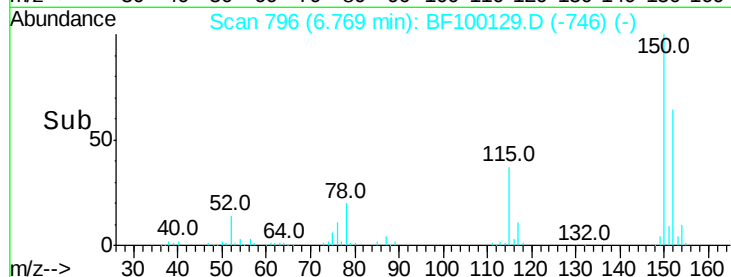
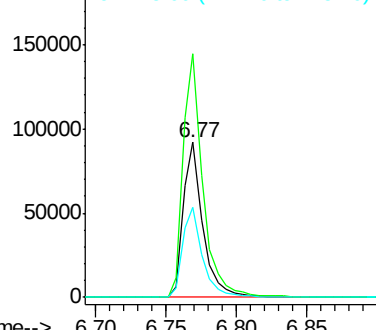
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88701
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 58.1 50.1 75.1



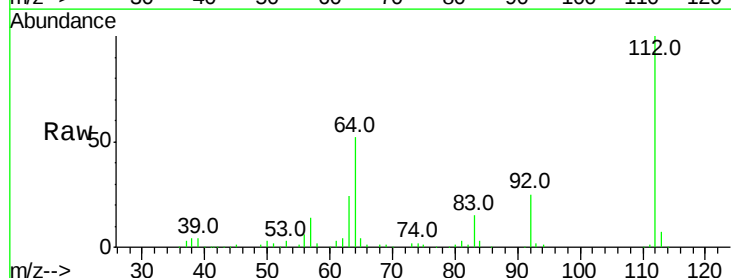
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



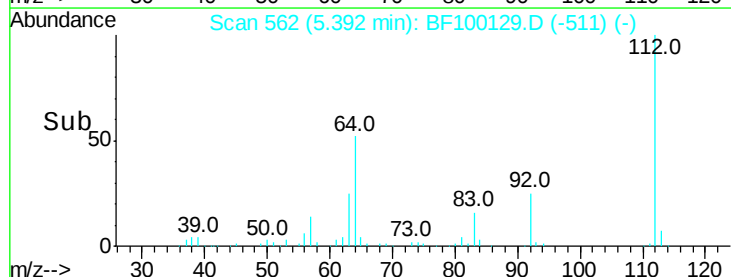
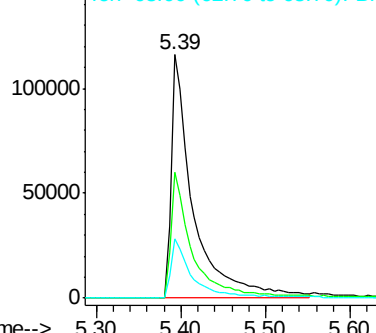
#5

2-Fluorophenol
Concen: 37.187 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Tgt Ion:112 Resp: 210099
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 24.4 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: 24.837 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

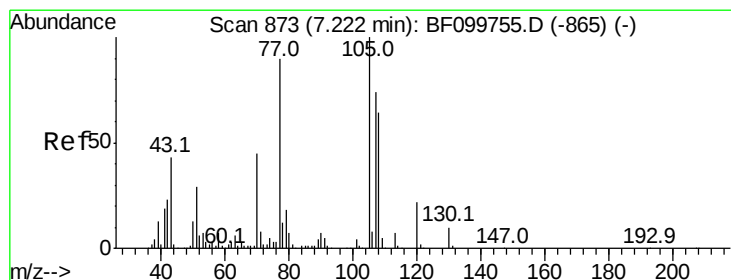
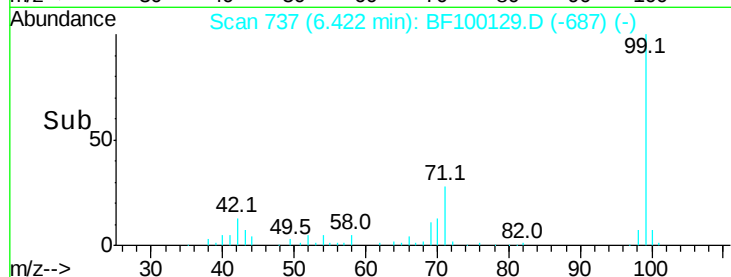
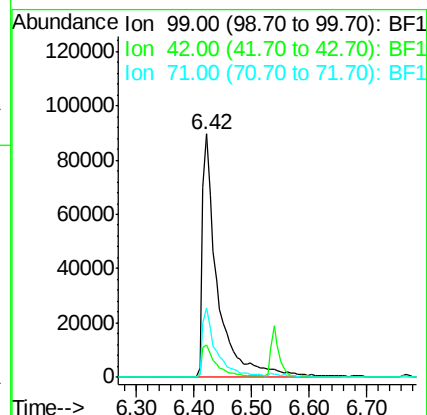
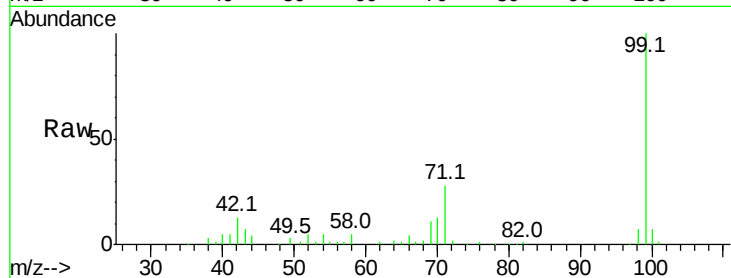
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 166387

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.5	21.7#
71	28.3	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.588 ng

RT: 7.34 min Scan# 893

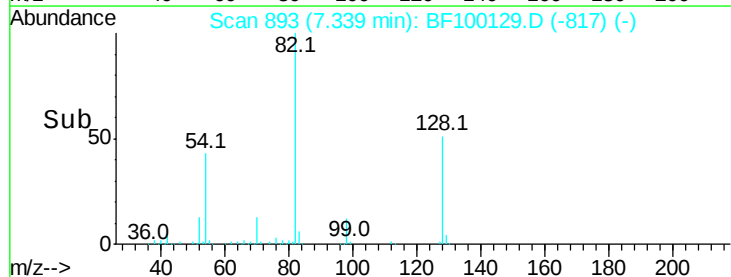
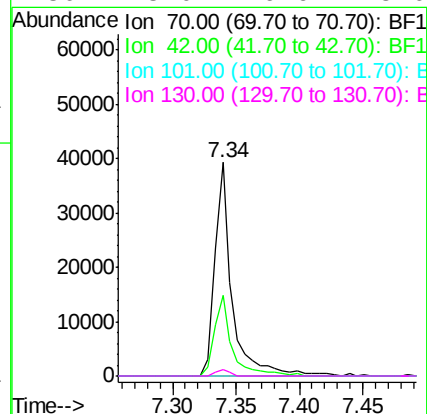
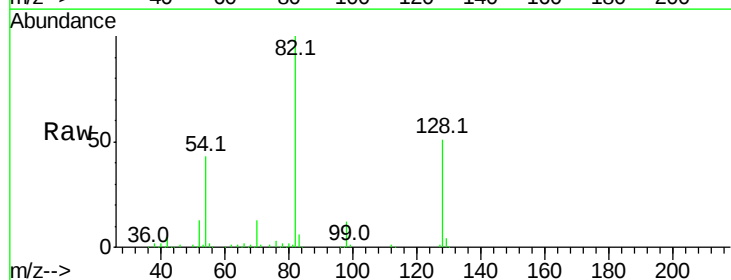
Delta R.T. 0.15 min

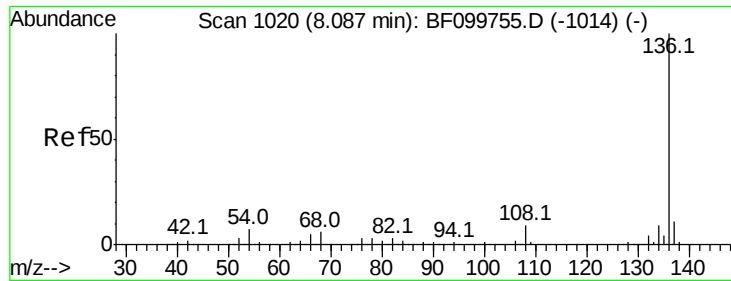
Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Tgt Ion: 70 Resp: 37642

Ion	Ratio	Lower	Upper
70	100		
42	37.8	47.5	71.3#
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#

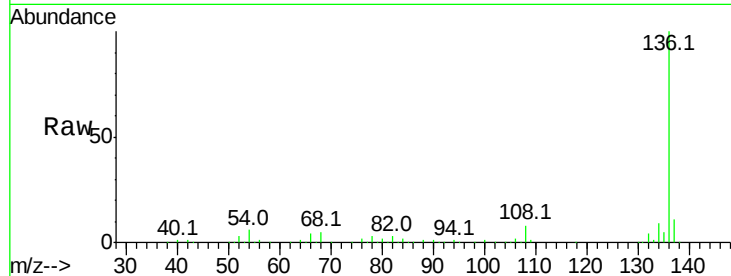




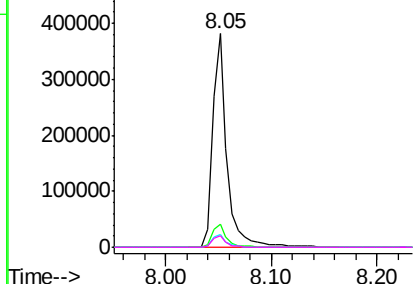
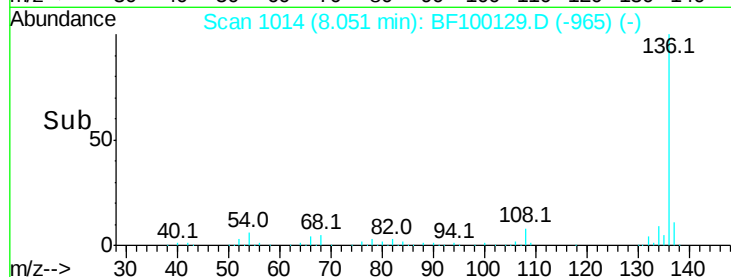
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	361109
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	5.0	7.4

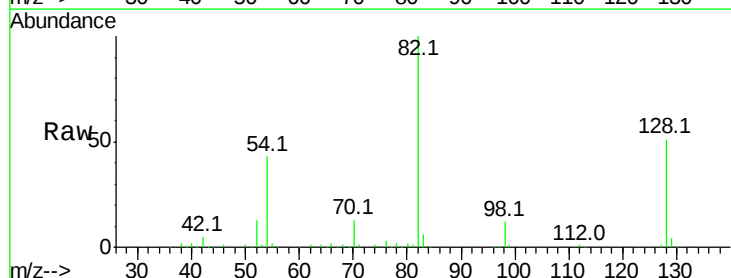


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

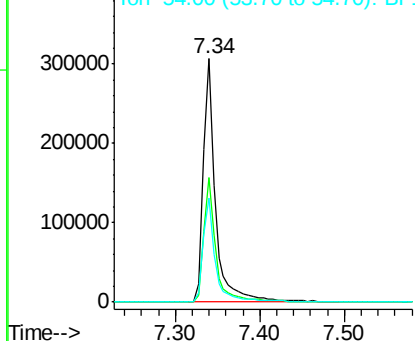
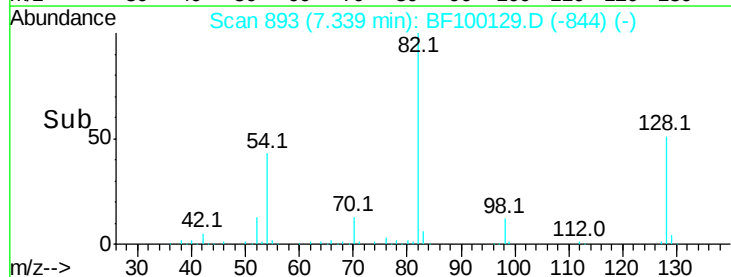


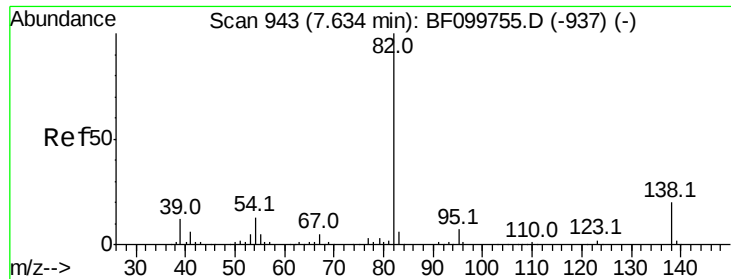
#23
Nitrobenzene-d5
Concen: 54.923 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Tgt Ion:	82	Resp:	308064
Ion	Ratio	Lower	Upper
82	100		
128	51.3	36.1	54.1
54	42.5	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: 30.268 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

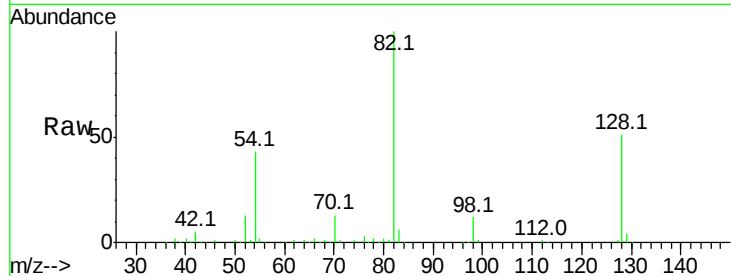
Tot Ion: 82 Resp: 308064

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

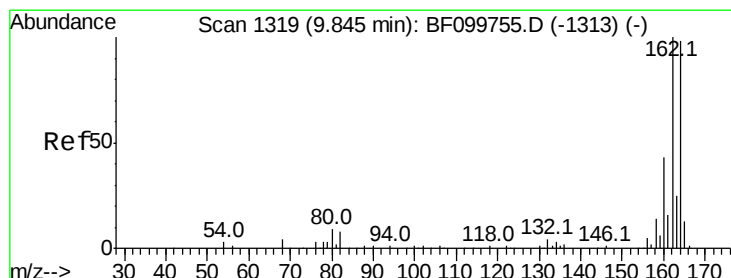
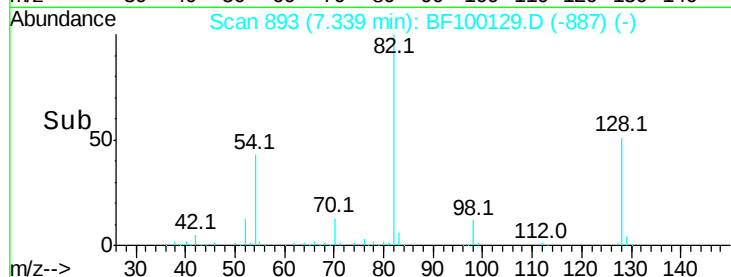
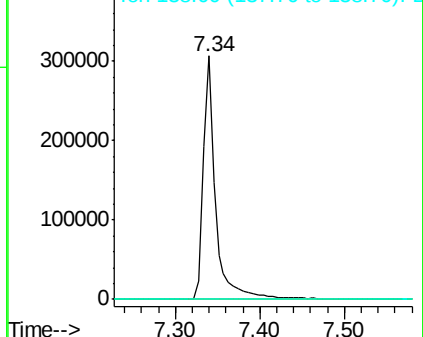
138 0.0 14.9 22.3#



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: BF100129.D

Acq: 3 Nov 2017 12:12

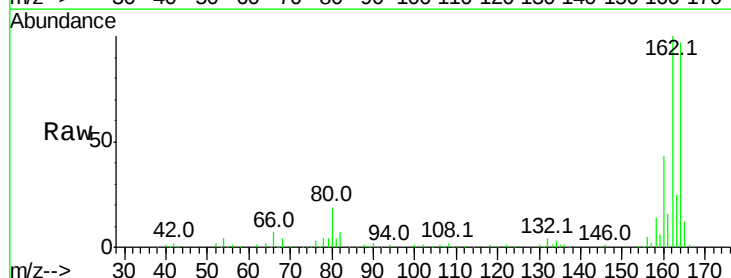
Tgt Ion:164 Resp: 166229

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

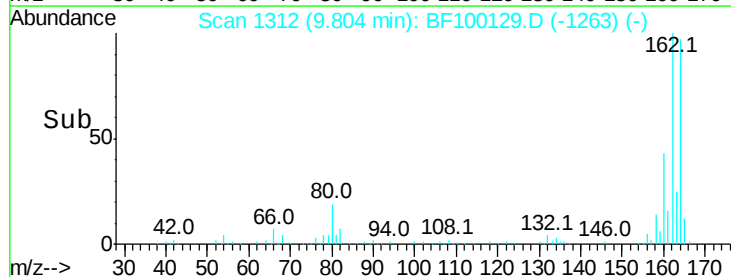
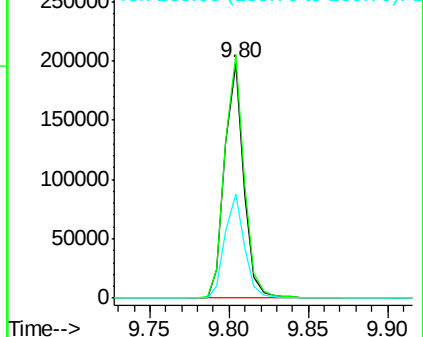
160 44.4 38.3 57.5



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

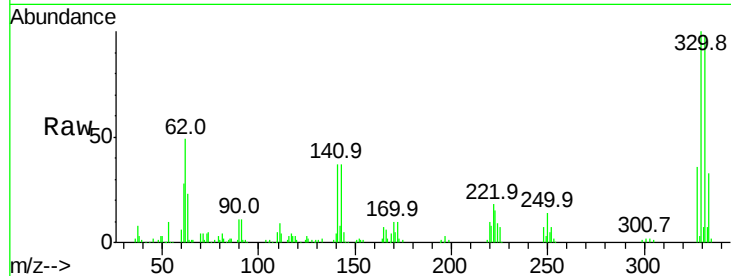




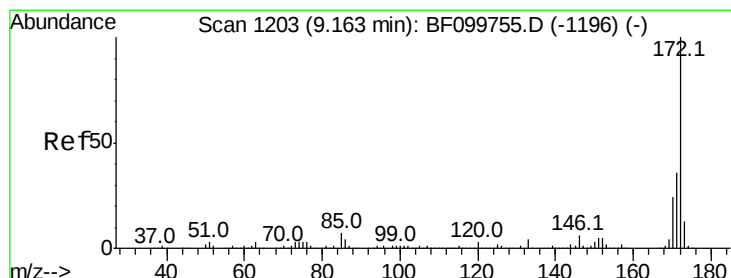
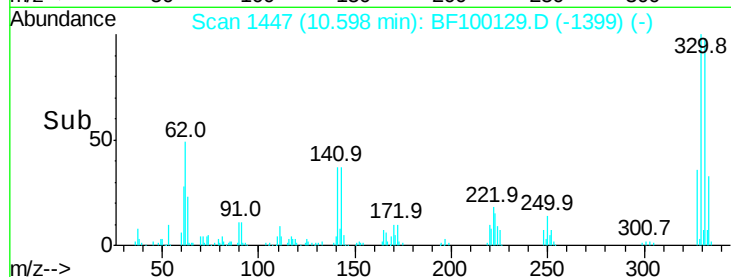
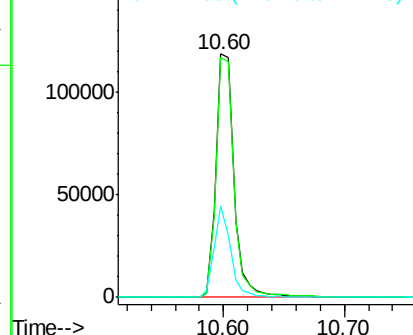
#41
 2,4,6-Tribromophenol
 Concen: 80.870 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	34.4	29.9	44.9

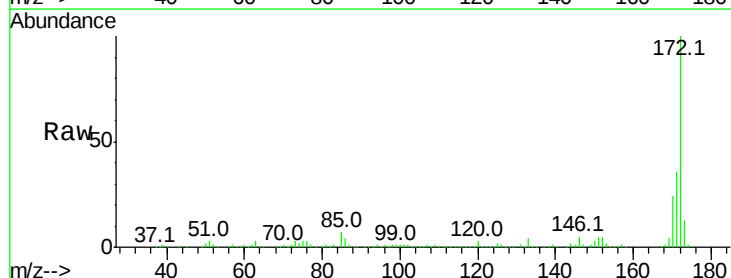


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

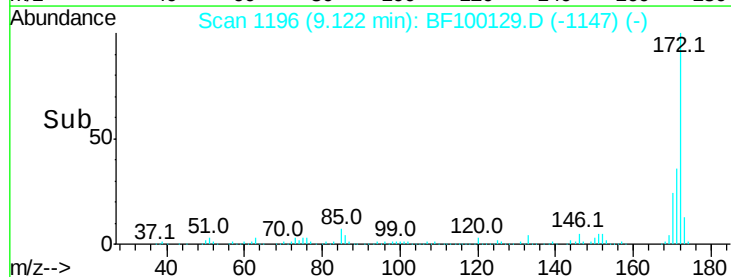
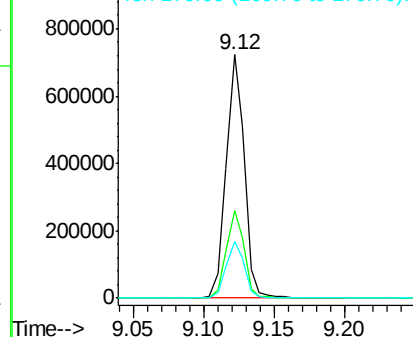


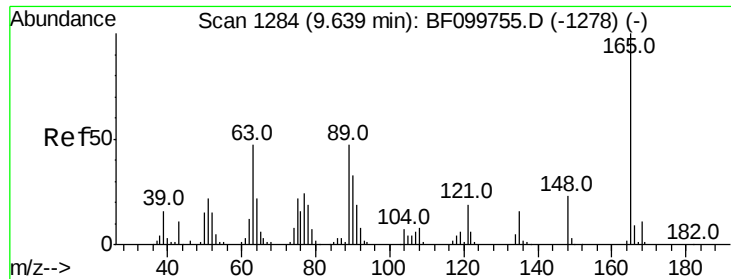
#44
 2-Fluorobiphenyl
 Concen: 59.823 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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: 7.421 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.19 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

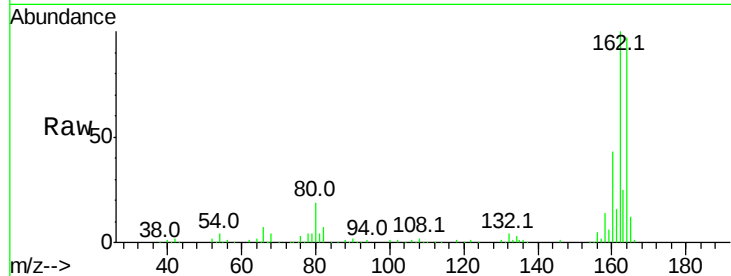
Tot Ion:165 Resp: 20538

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

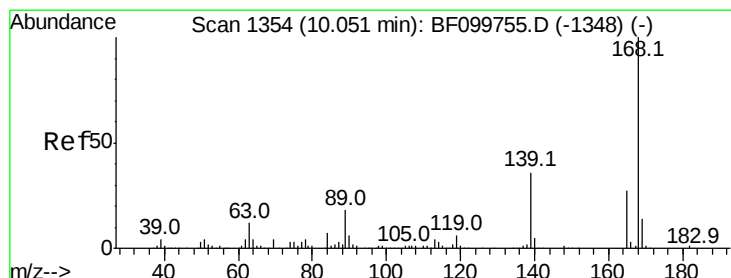
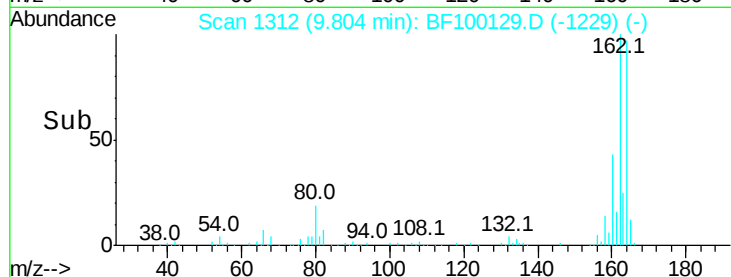
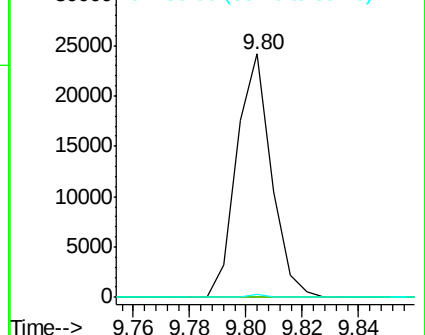
89 1.3 44.0 66.0#



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: 6.163 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.23 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Tgt Ion:165 Resp: 20538

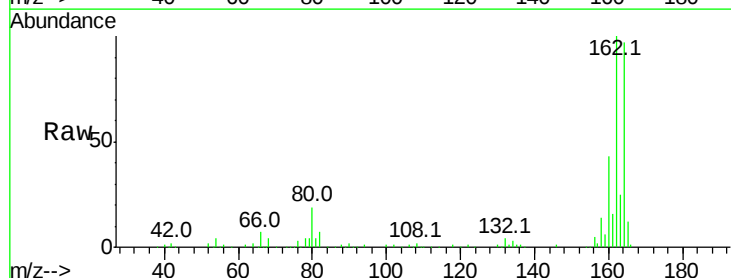
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

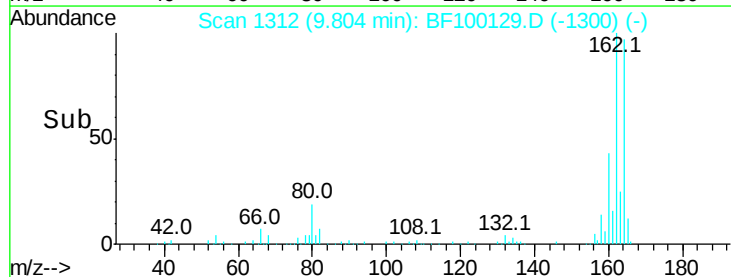
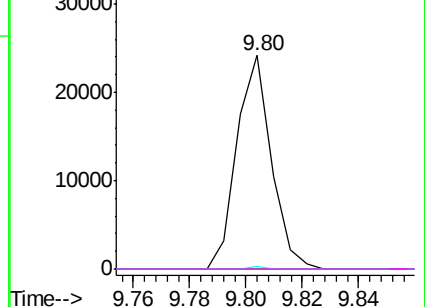


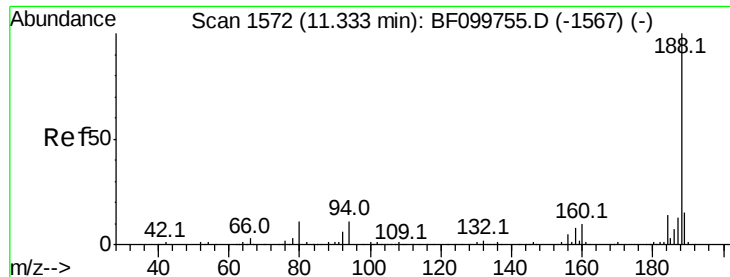
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

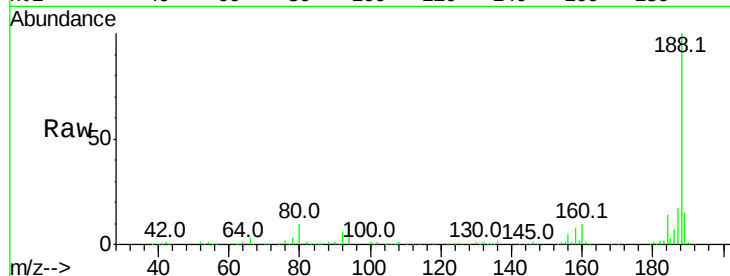
Tot Ion:188 Resp: 294028

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

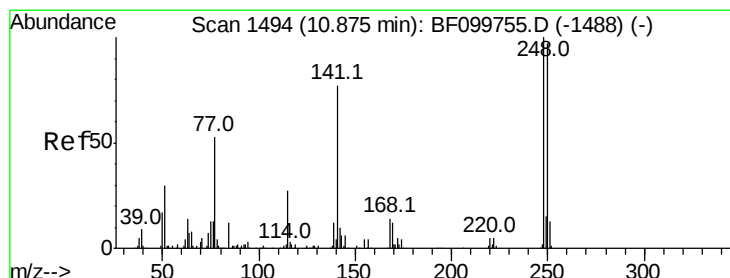
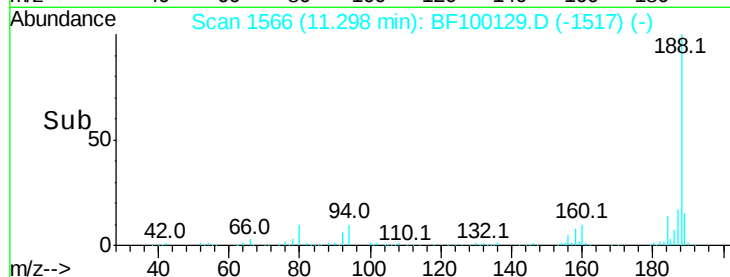
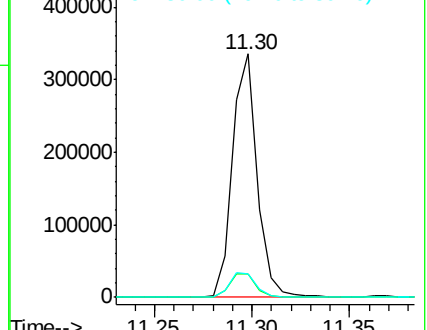
80 9.7 9.2 13.8



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: 2.559 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.25 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

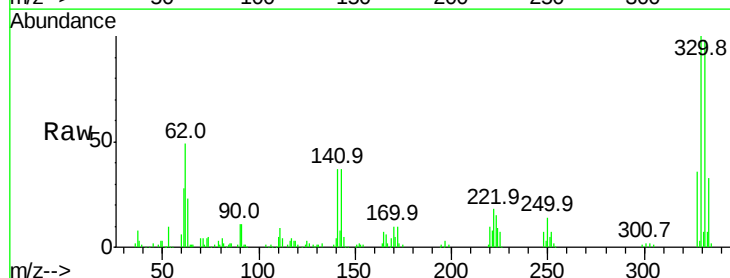
Tgt Ion:248 Resp: 7920

Ion Ratio Lower Upper

248 100

250 203.2 76.9 115.3#

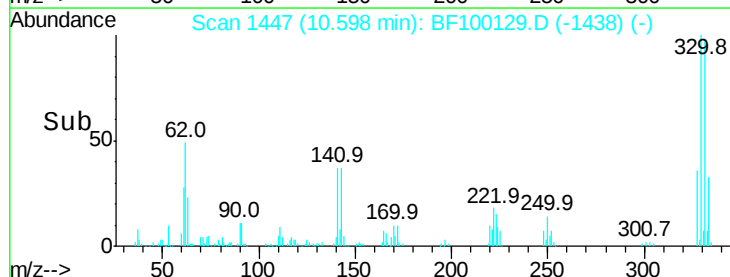
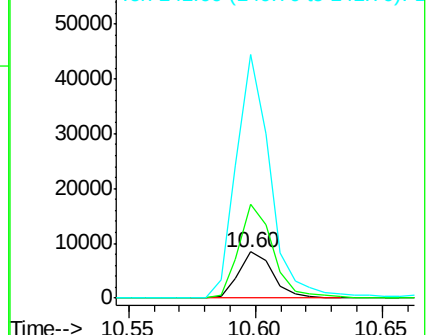
141 527.0 74.4 111.6#

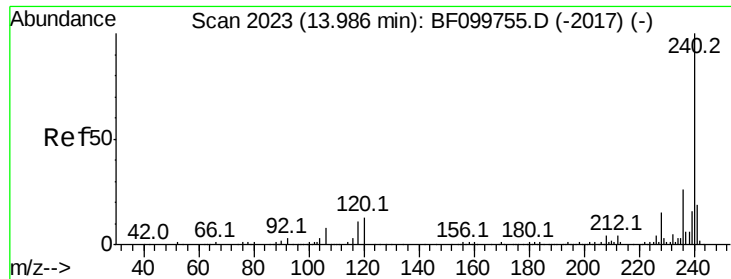


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

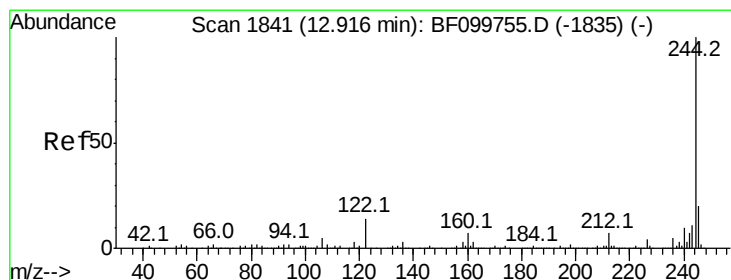
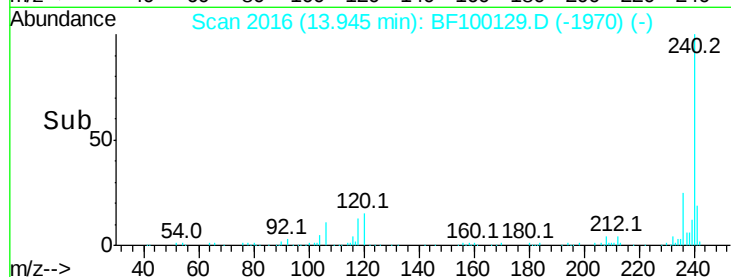
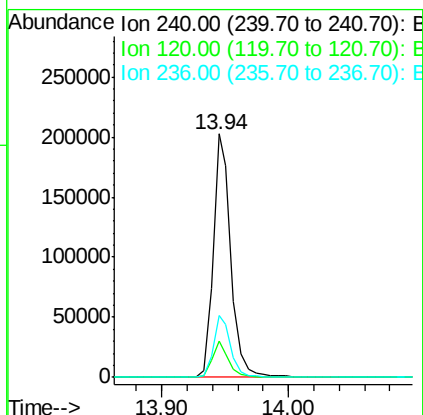
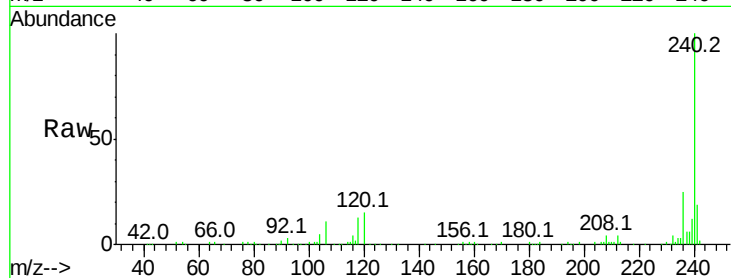




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

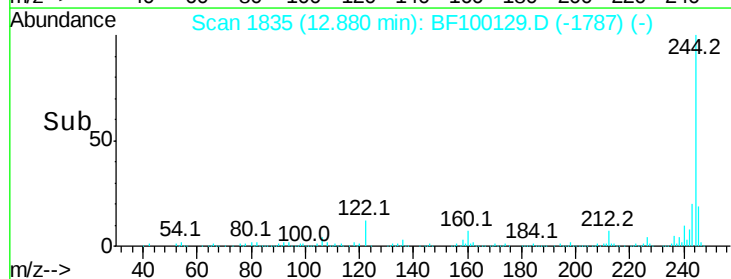
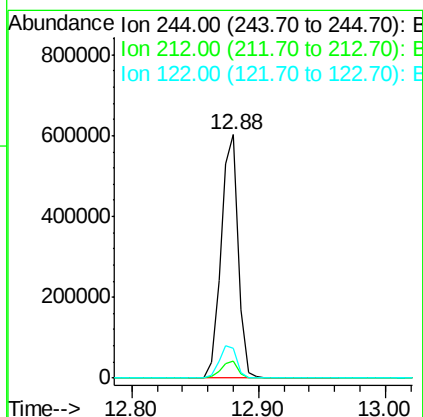
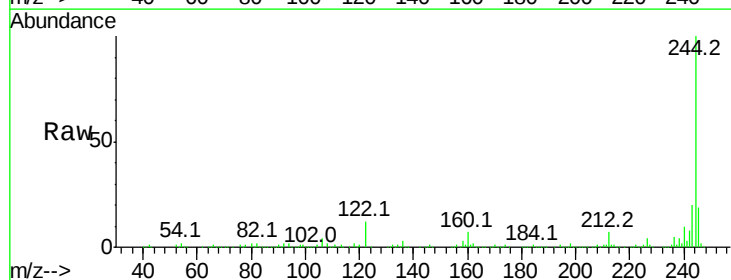
Instrument :
 BNA_F
 ClientSampled :

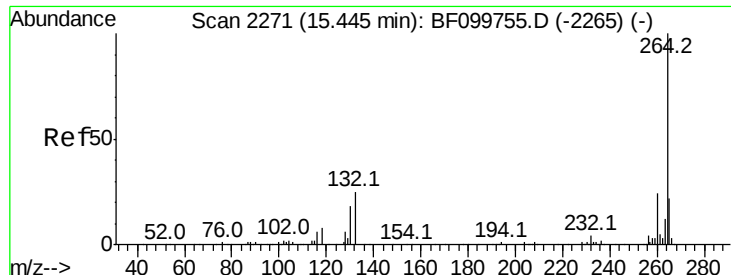
Tot Ion:240 Resp: 197723
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 62.705 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Tgt Ion:244 Resp: 567331
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.3 11.0 16.4

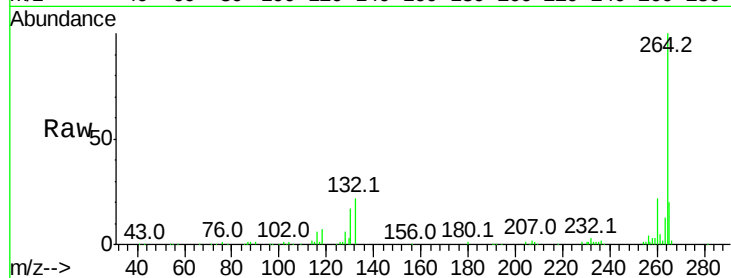




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.4	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

