

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099469.D
 Acq On : 14 Oct 2017 5:33
 Operator : SJ/JU
 Sample : I5813-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 06:38:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

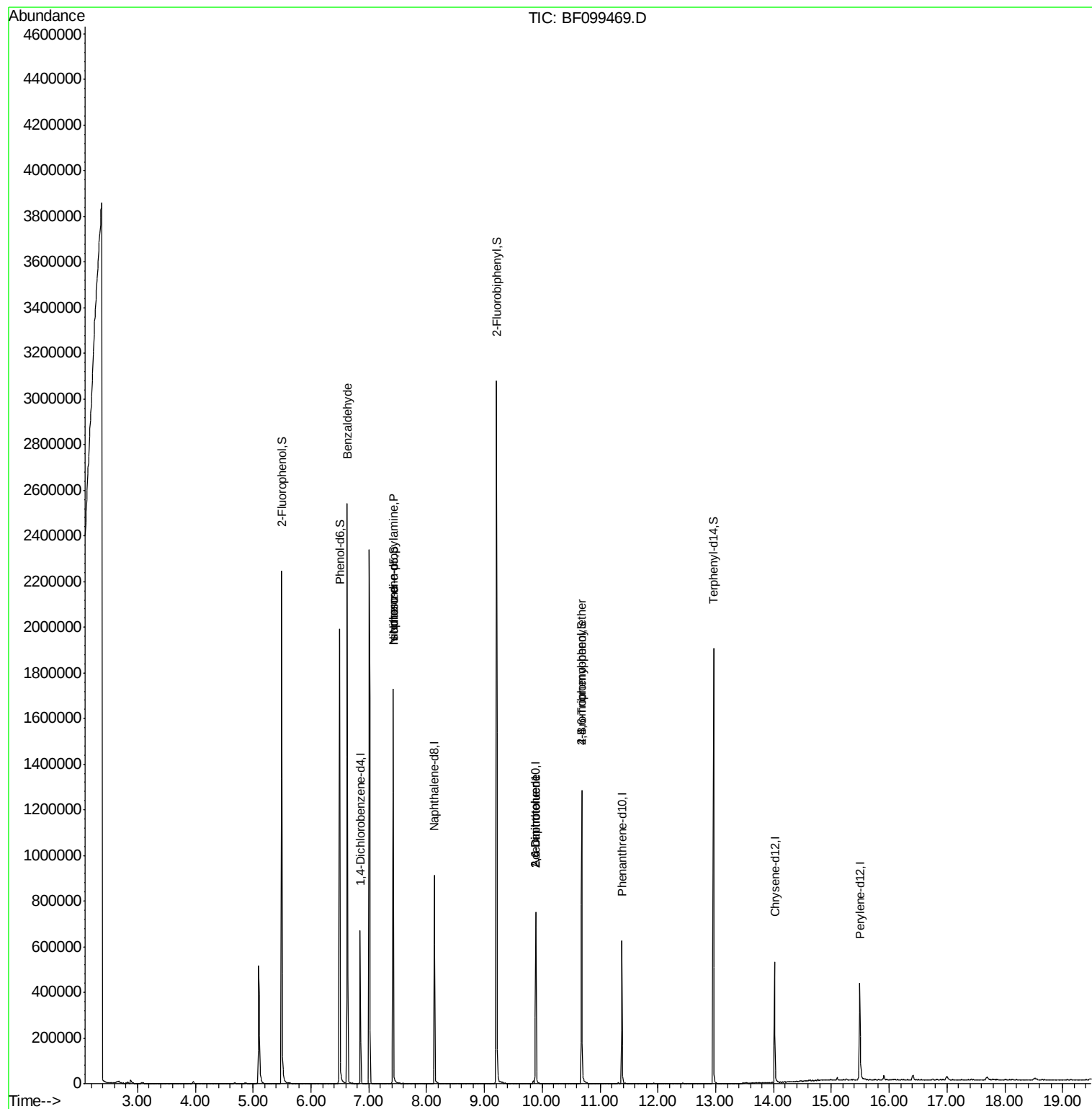
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105539	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	412209	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	160860	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	234978	20.00	ng	0.00
75) Chrysene-d12	14.02	240	189603	20.00	ng	0.00
86) Perylene-d12	15.49	264	201071	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	774531	116.83	ng	0.03
7) Phenol-d6	6.50	99	822741	100.60	ng	0.01
23) Nitrobenzene-d5	7.42	82	586398	91.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	149710	113.74	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1021330	105.99	ng	0.00
78) Terphenyl-d14	12.96	244	662915	79.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15761	3.32	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	75202	14.40	ng	# 75
25) Isophorone	7.42	82	586394	44.13	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	19957	7.55	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	19957	5.82	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	9657	4.20	ng	# 1

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

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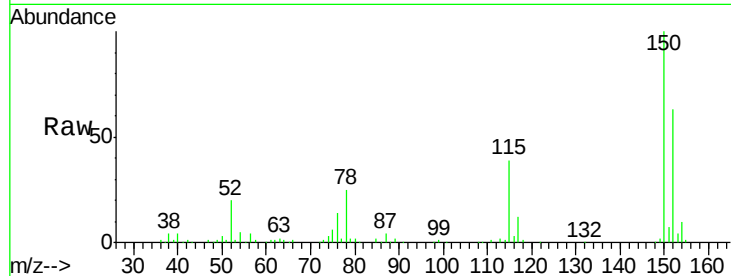


#1

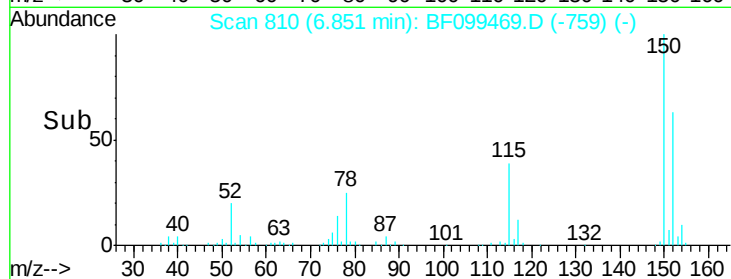
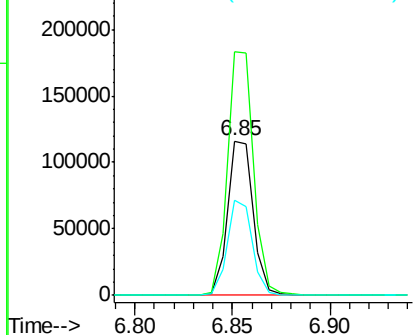
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 105539
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 62.0 50.1 75.1



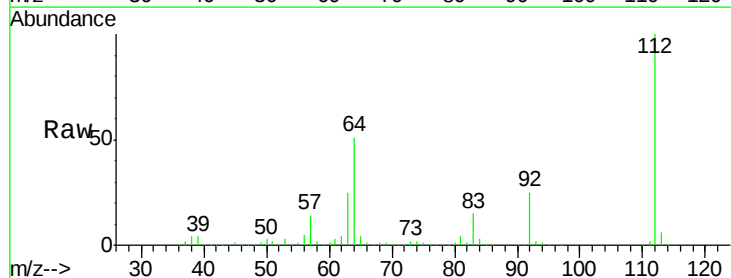
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



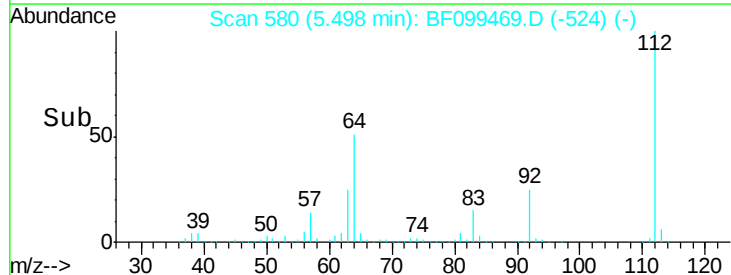
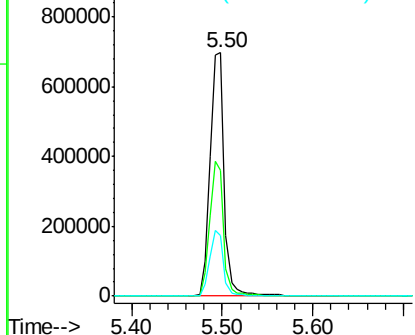
#5

2-Fluorophenol
 Concen: 116.83 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.03 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Tgt Ion:112 Resp: 774531
 Ion Ratio Lower Upper
 112 100
 64 51.5 47.9 71.9
 63 25.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.60 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

Instrument :

BNA_F

ClientSampled :

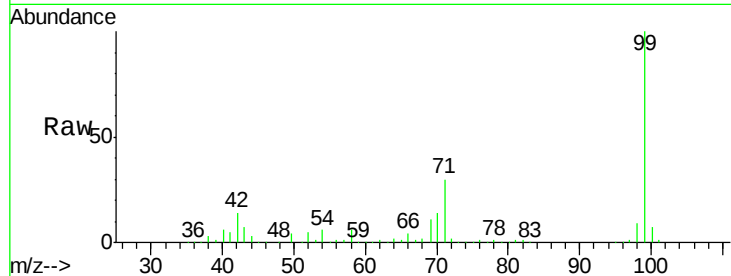
Tot Ion: 99 Resp: 822741

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

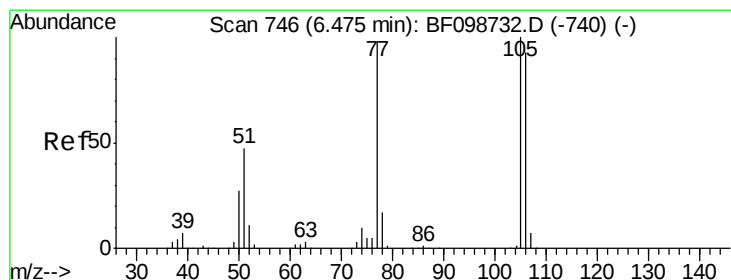
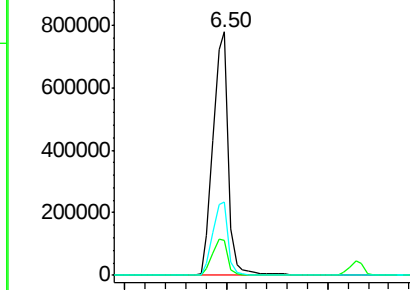
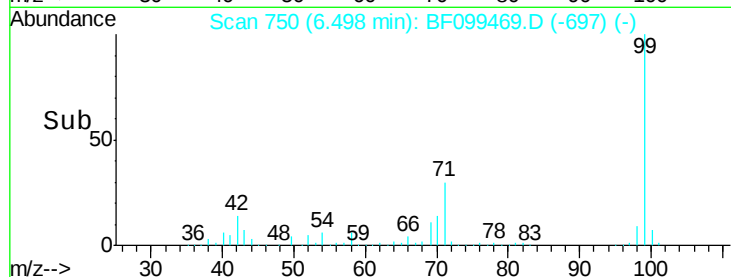
71 30.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.32 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

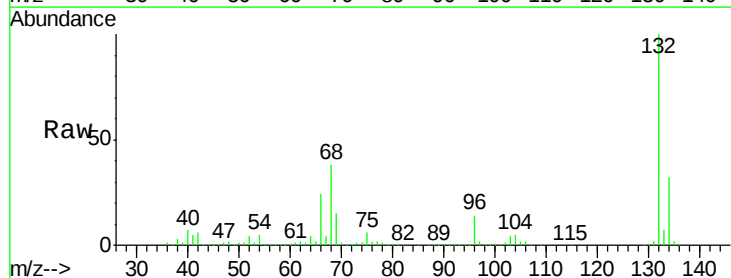
Tgt Ion: 77 Resp: 15761

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

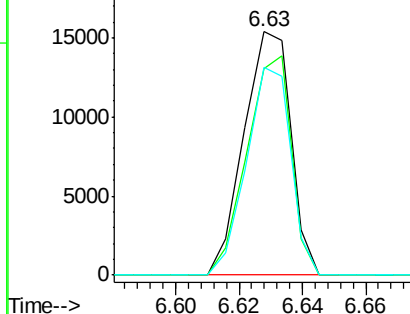
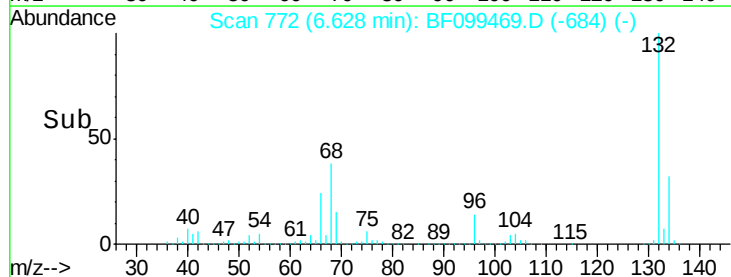
106 85.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

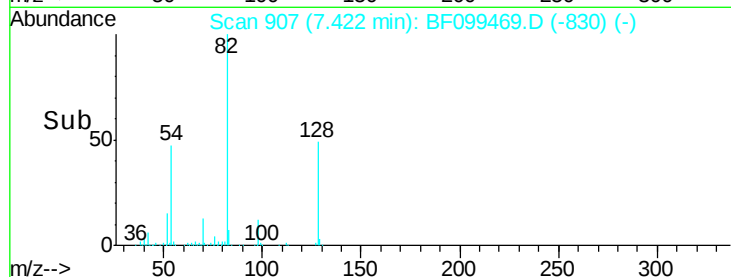
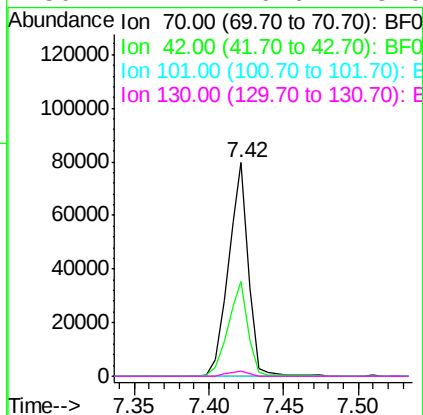
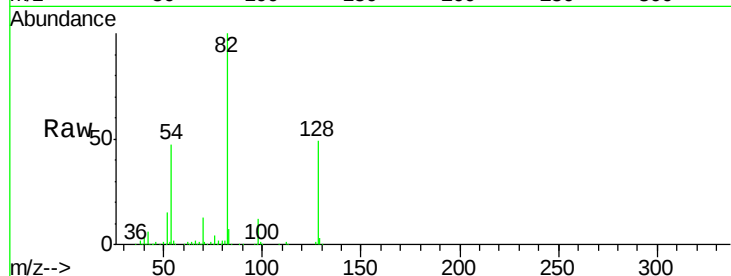




#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099469.D
Acq: 14 Oct 2017 5:33

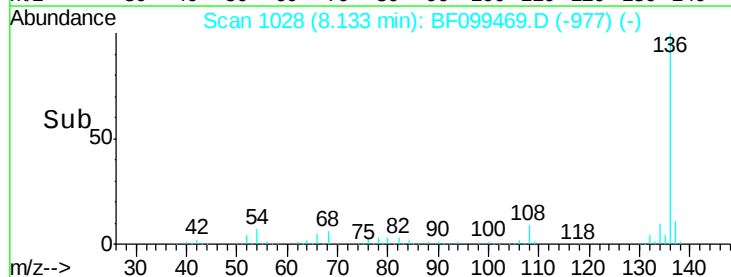
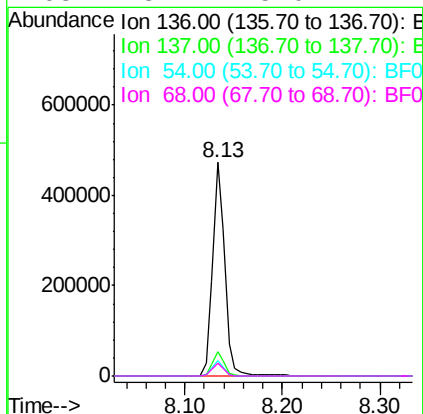
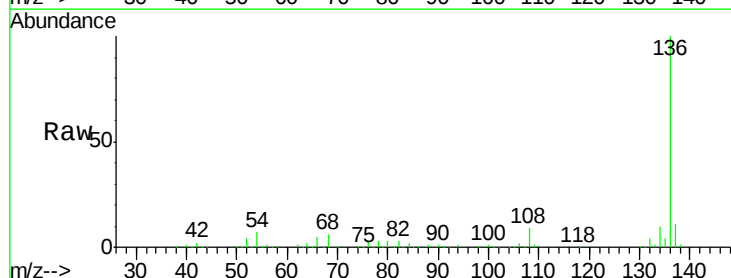
Instrument :
BNA_F
ClientSampleId :

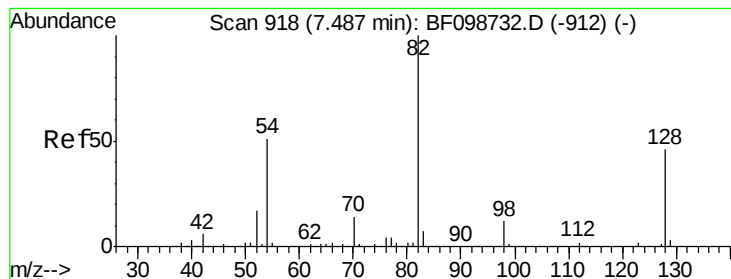
Tot Ion: 70 Resp: 75202
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099469.D
Acq: 14 Oct 2017 5:33

Tgt Ion: 136 Resp: 412209
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.23 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

Instrument :

BNA_F

ClientSampleId :

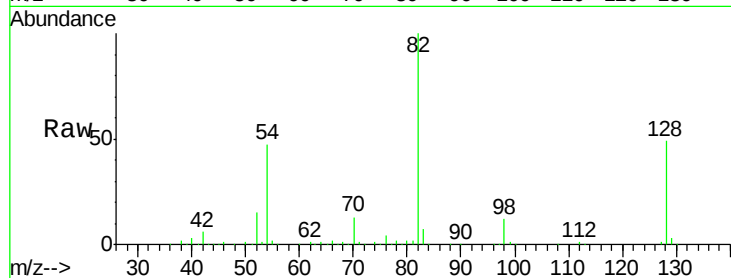
Tot Ion: 82 Resp: 586398

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

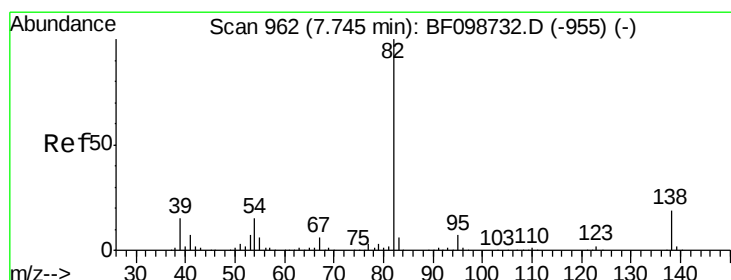
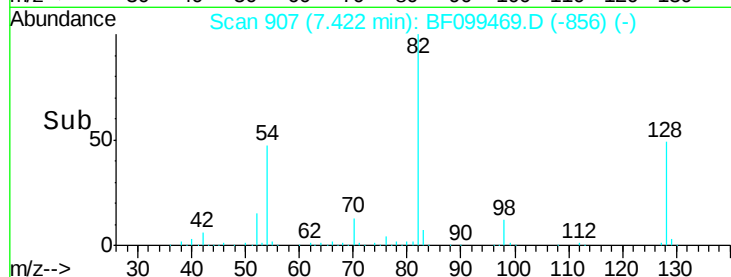
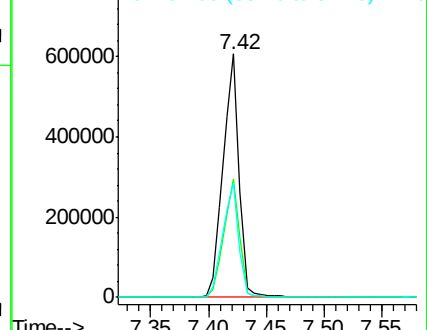
54 46.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 44.13 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

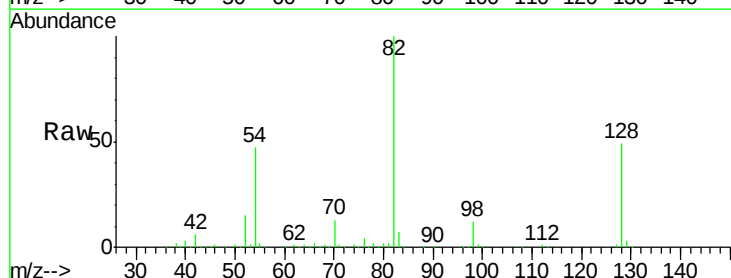
Tgt Ion: 82 Resp: 586394

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

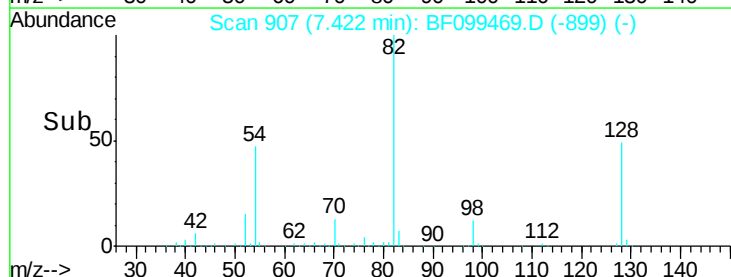
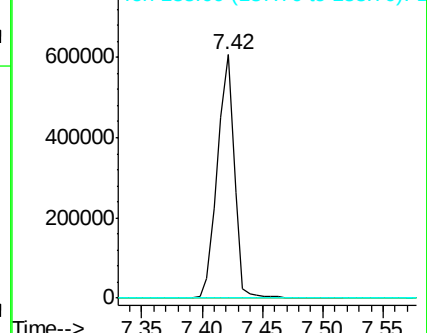
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

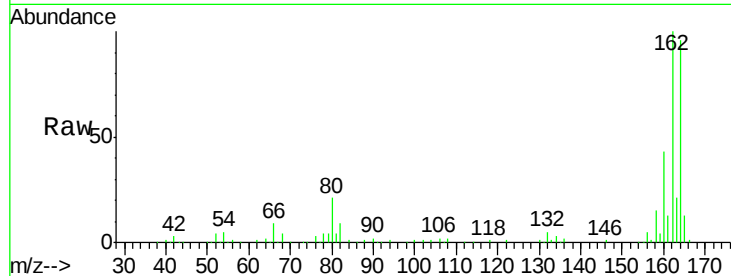




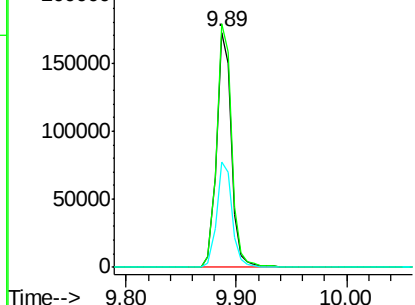
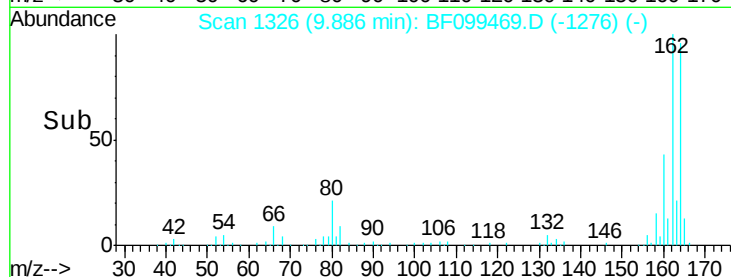
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 160860
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 44.8 38.3 57.5

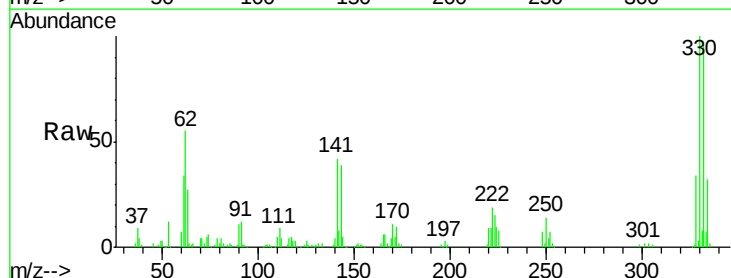


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

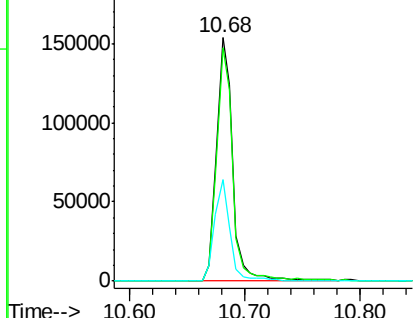
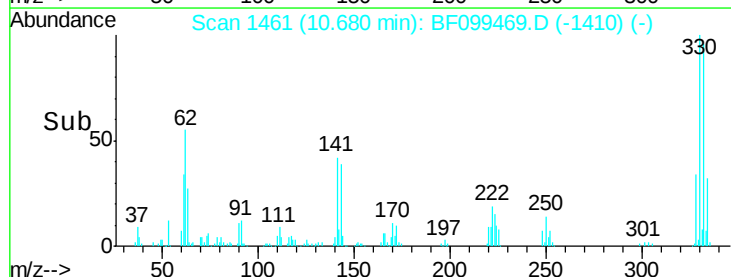


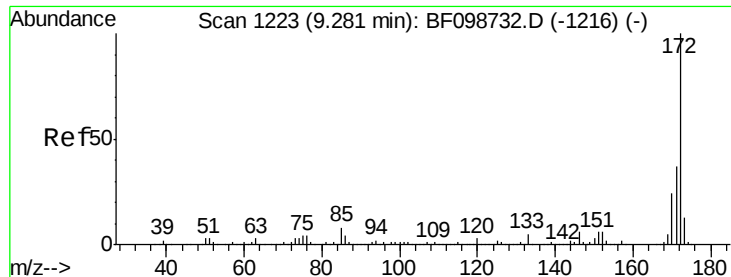
#41
 2,4,6-Tribromophenol
 Concen: 113.74 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Tgt Ion:330 Resp: 149710
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 40.6 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



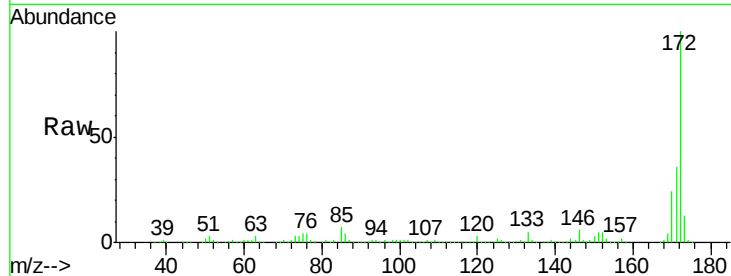


#44
 2-Fluorobiphenyl
 Concen: 105.99 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

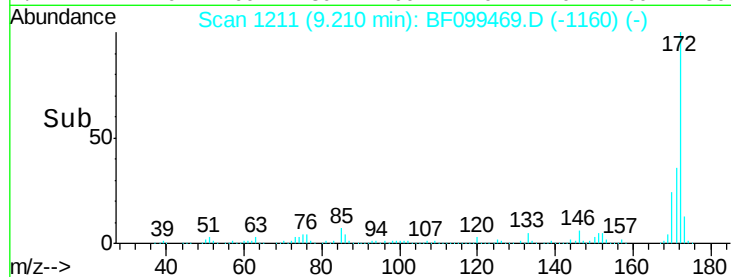
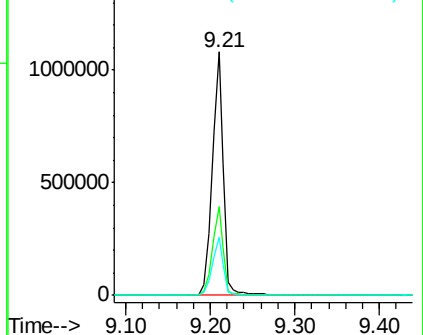
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1021330

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



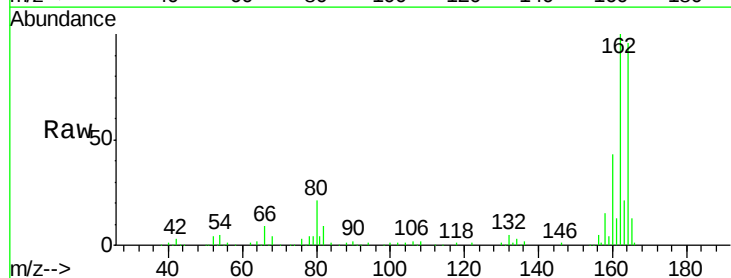
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



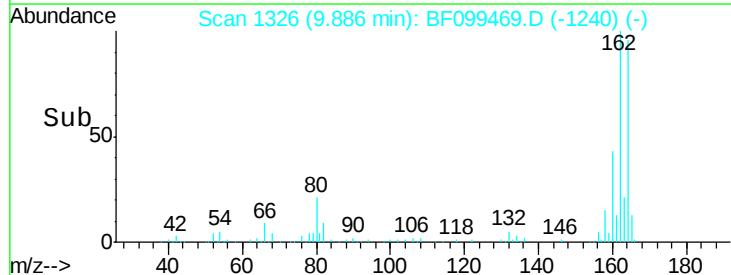
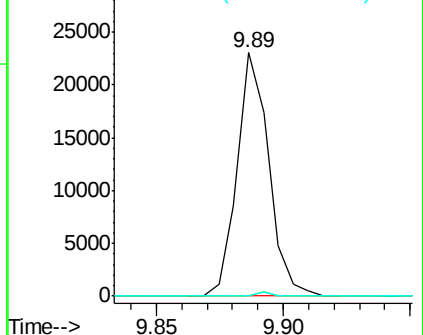
#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

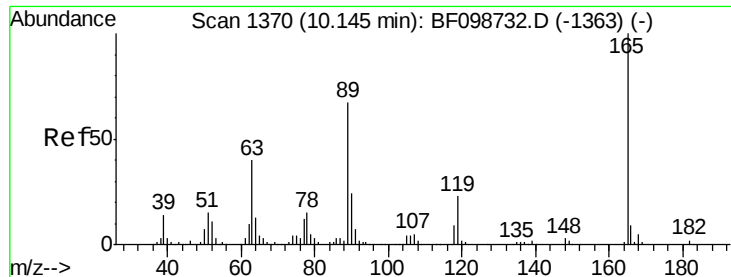
Tgt Ion:165 Resp: 19957

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): BF0
 Ion 89.00 (88.70 to 89.70): BF0

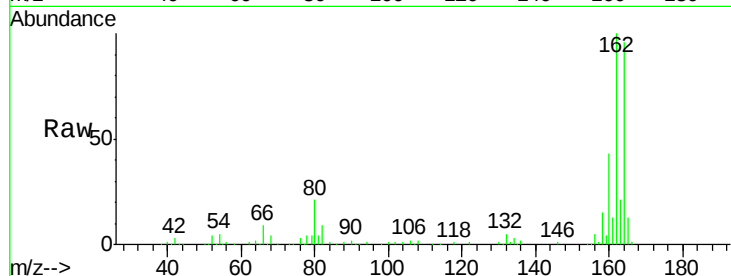




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19957
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#

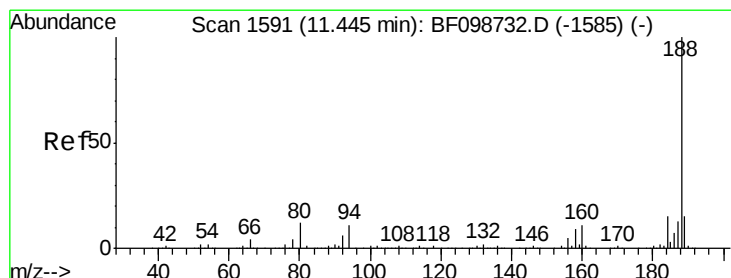
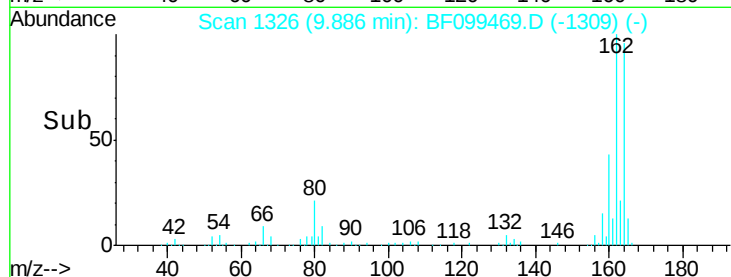
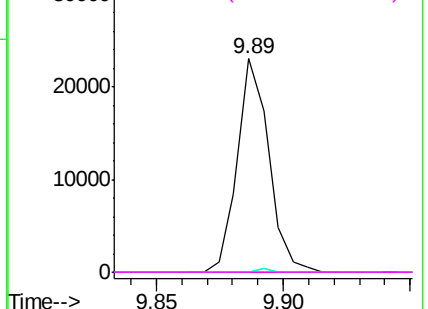


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

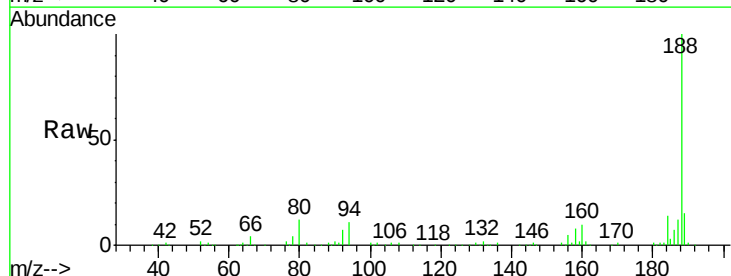
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

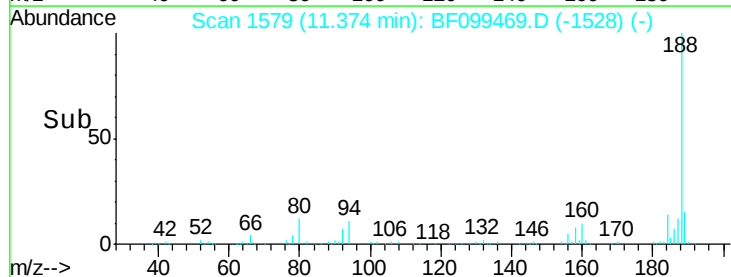
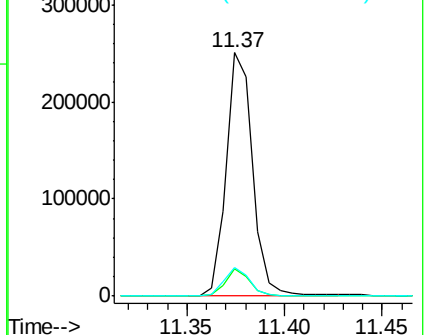
Tgt Ion:188	Resp:	234978
Ion Ratio	Lower	Upper
188	100	
94	11.1	8.5 12.7
80	11.8	9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

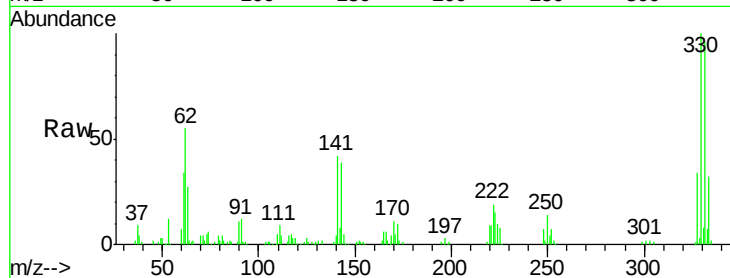




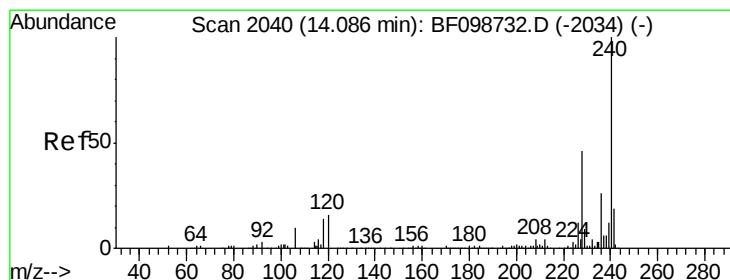
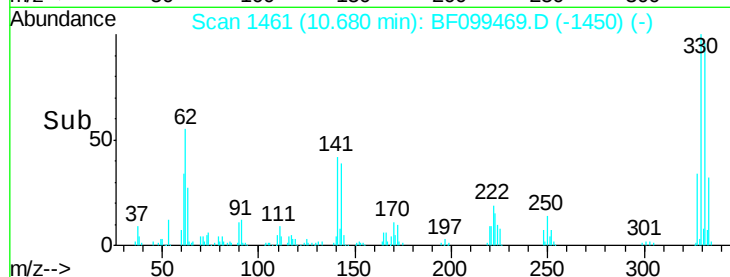
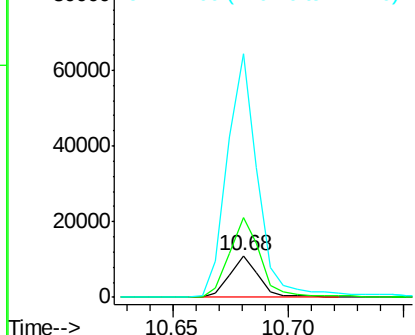
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099469.D
Acq: 14 Oct 2017 5:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9657
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 579.8 74.4 111.6#

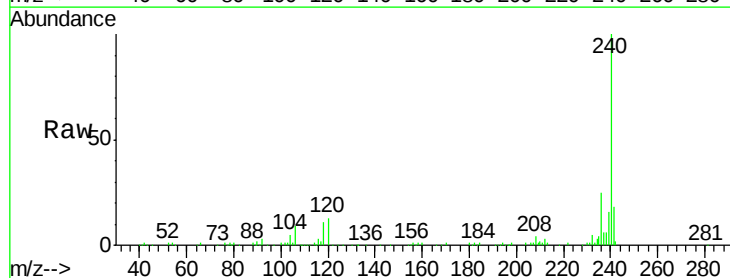


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

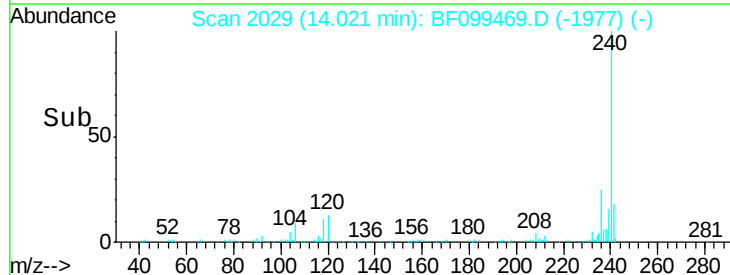
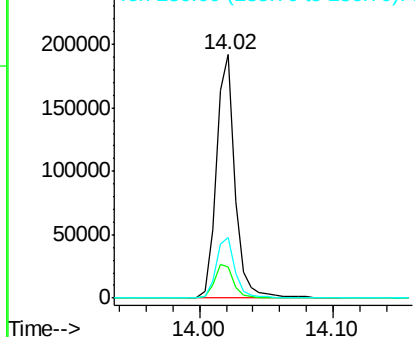


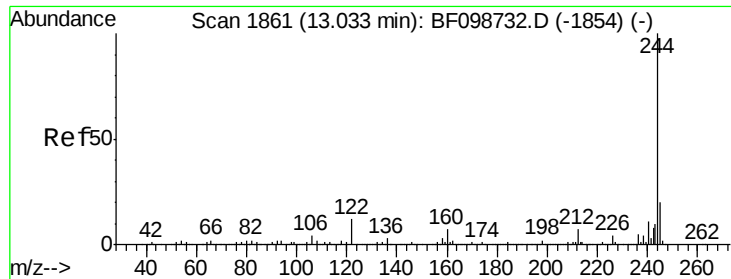
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099469.D
Acq: 14 Oct 2017 5:33

Tgt Ion:240 Resp: 189603
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.1 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

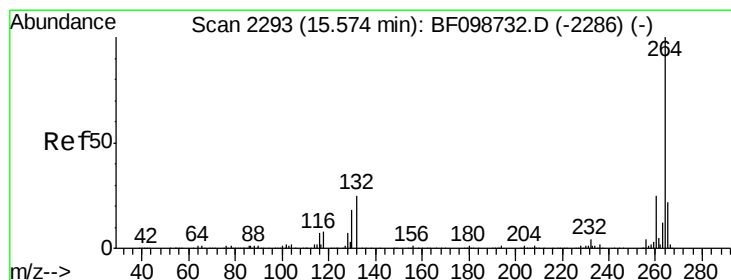
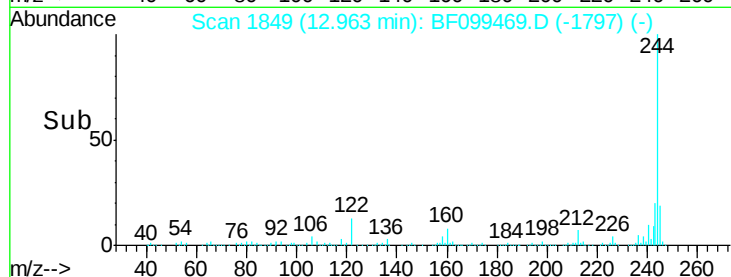
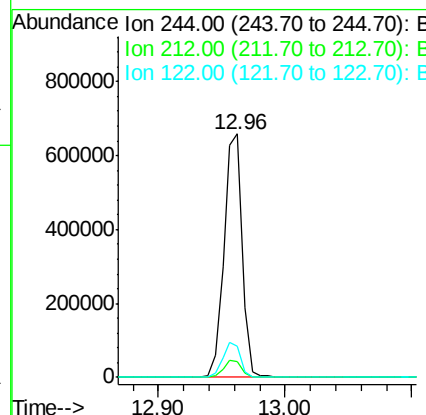
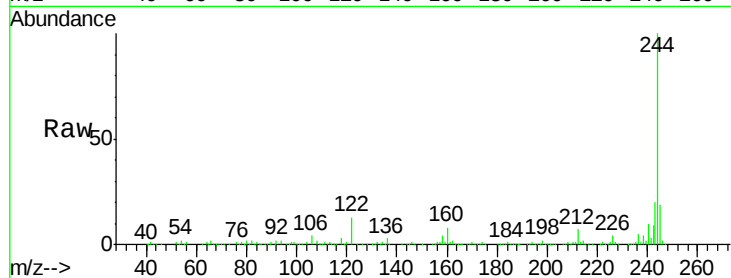




#78
 Terphenyl-d14
 Concen: 79.51 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 662915
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Tgt Ion:264 Resp: 201071
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.5 17.5 26.3

