

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099975.D
 Acq On : 30 Oct 2017 22:04
 Operator : SJ/JU
 Sample : I6171-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 02:30:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

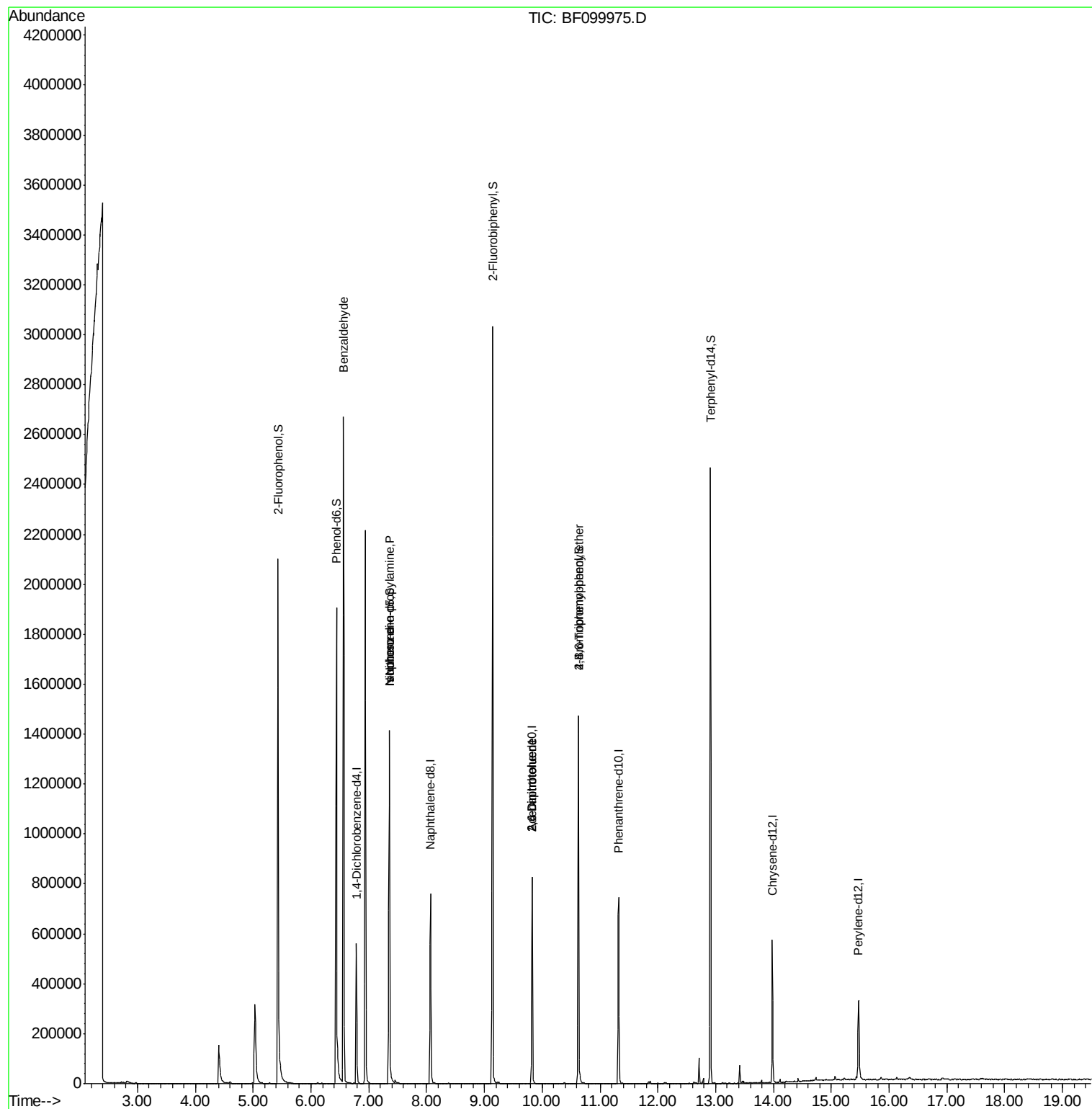
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100215	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	415026	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	181620	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	291639	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	194553	20.00	ng	-0.01
86) Perylene-d12	15.47	264	169821	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	811741	127.17	ng	0.01
7) Phenol-d6	6.44	99	914278	120.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	600790	93.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	224918	135.89	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1233450	104.78	ng	-0.01
78) Terphenyl-d14	12.91	244	882035	99.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	14761	3.264	ng	86
19) n-Nitroso-di-n-propylamine	7.36	70	75410	17.002	ng	# 71
25) Isophorone	7.36	82	600781	51.359	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	22513	7.446	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	22513	6.183	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	14832	4.831	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099975.D
Acq On : 30 Oct 2017 22:04
Operator : SJ/JU
Sample : I6171-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 31 02:30:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



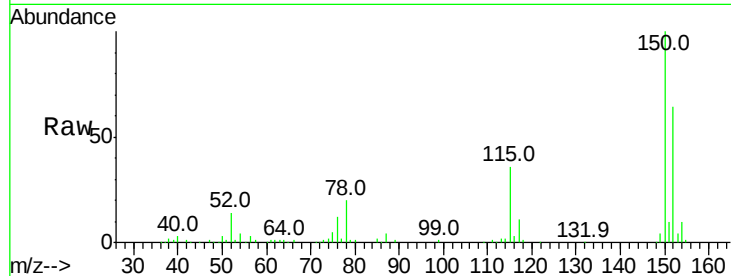


#1

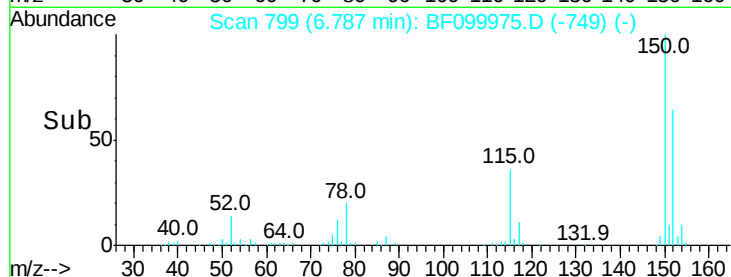
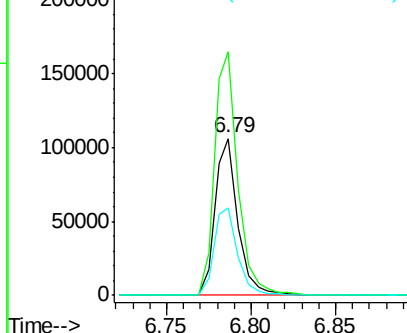
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 100215
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 56.0 50.1 75.1



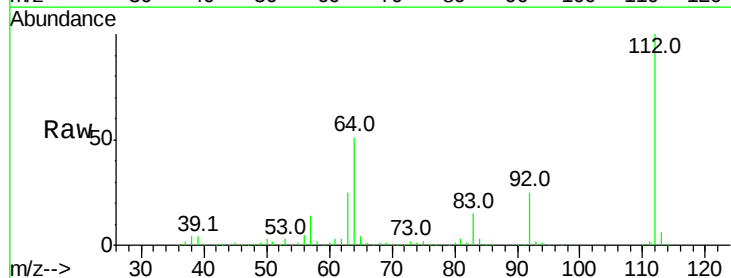
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



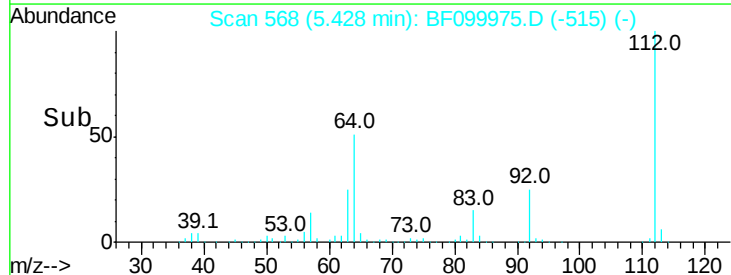
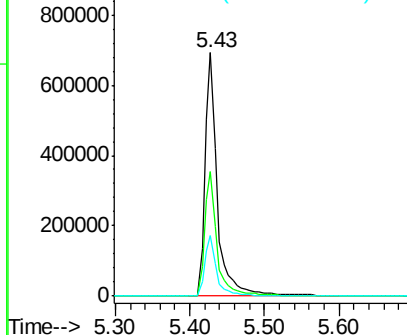
#5

2-Fluorophenol
 Concen: 127.167 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:112 Resp: 811741
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 24.8 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: 120.796 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF09975.D

Acq: 30 Oct 2017 22:04

Instrument :

BNA_F

ClientSampled :

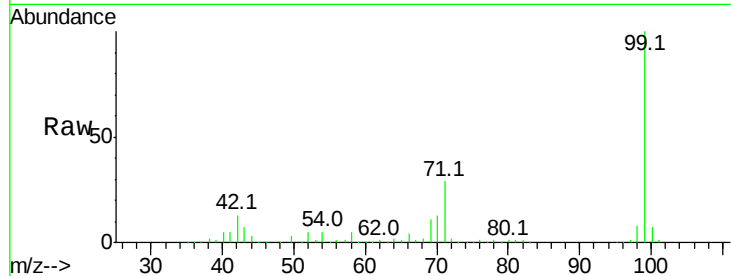
Tot Ion: 99 Resp: 914278

Ion Ratio Lower Upper

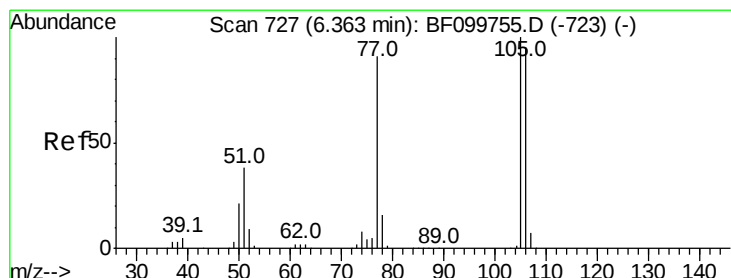
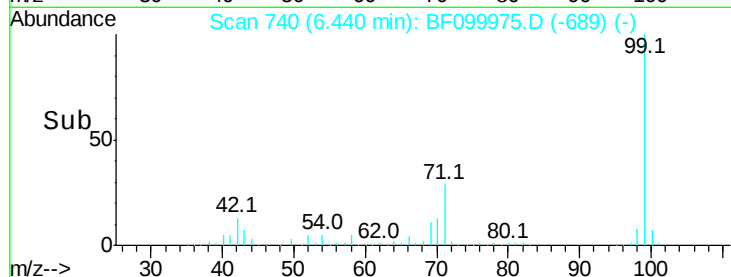
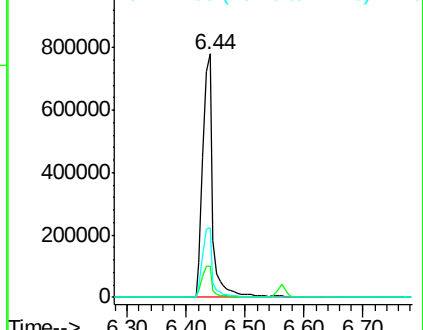
99 100

42 12.7 14.5 21.7#

71 28.6 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: 3.264 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF09975.D

Acq: 30 Oct 2017 22:04

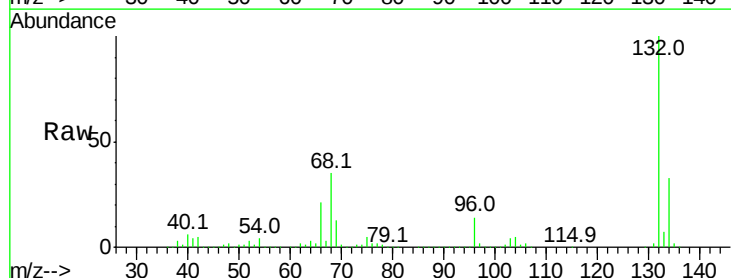
Tgt Ion: 77 Resp: 14761

Ion Ratio Lower Upper

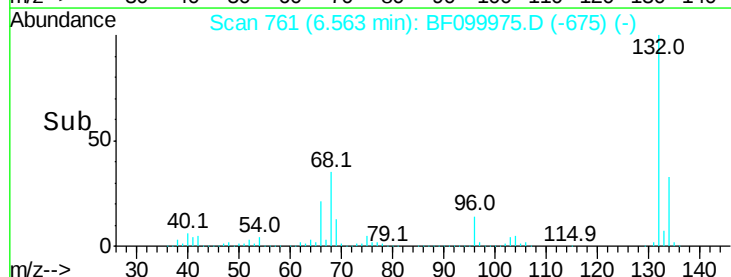
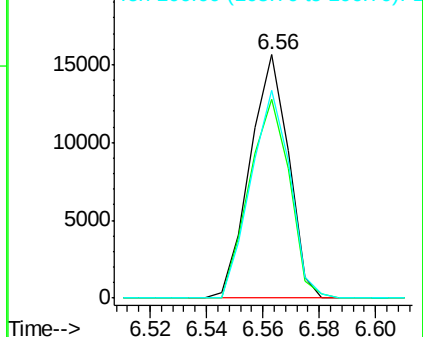
77 100

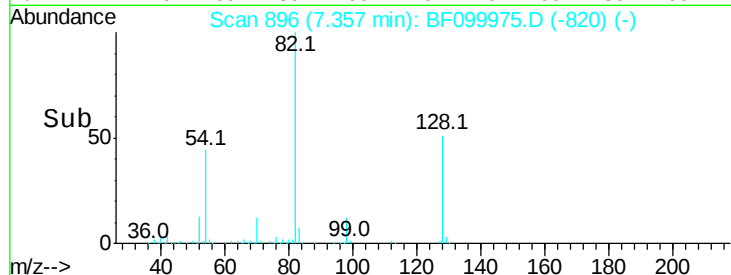
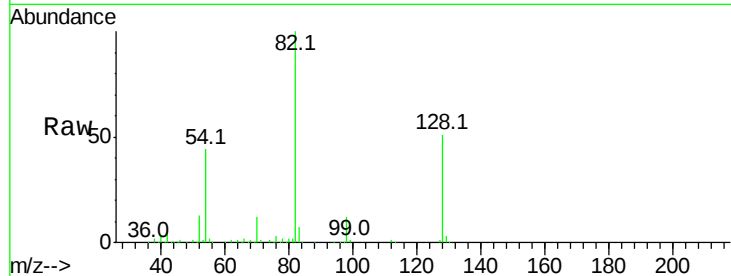
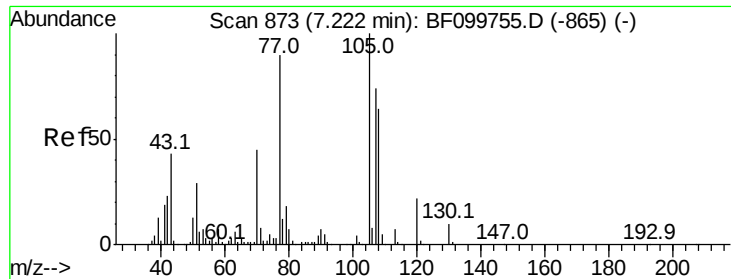
105 81.8 81.1 121.1

106 85.4 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

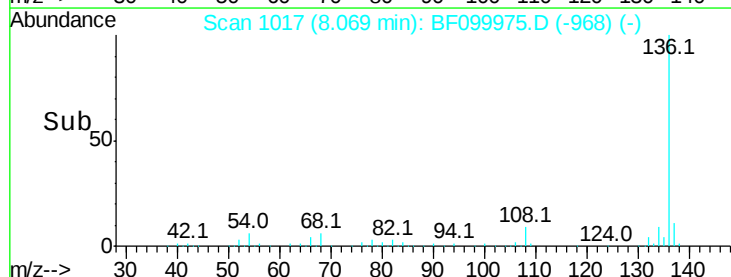
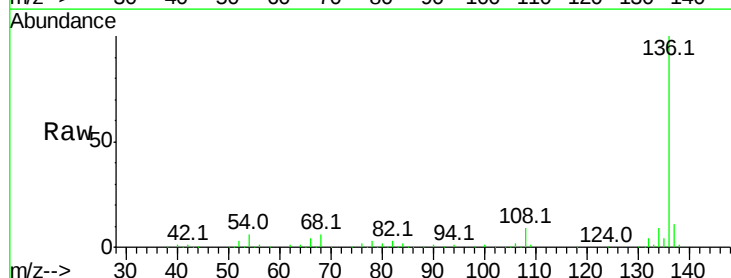
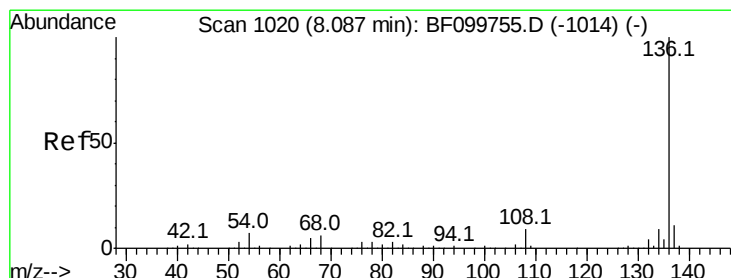
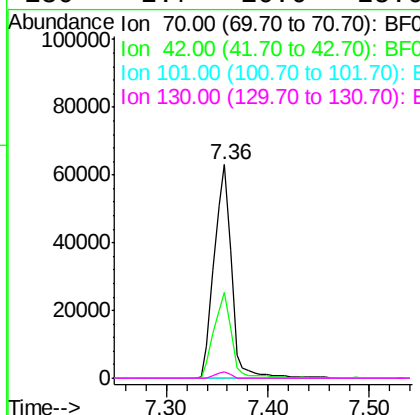




#19
n-Nitroso-di-n-propylamine
Concen: 17.002 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099975.D
Acq: 30 Oct 2017 22:04

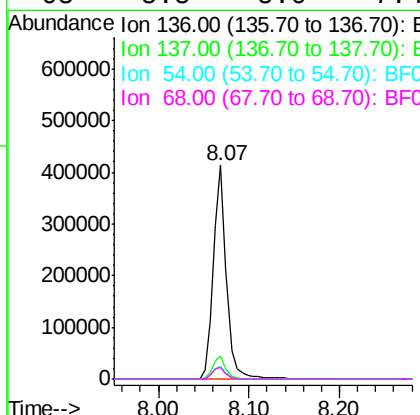
Instrument :
BNA_F
ClientSampleId :

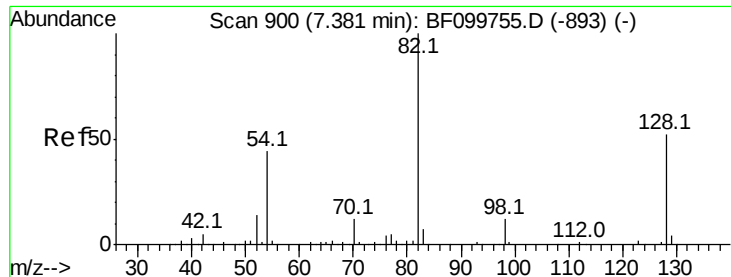
Tot Ion: 70 Resp: 75410
Ion Ratio Lower Upper
70 100
42 40.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099975.D
Acq: 30 Oct 2017 22:04

Tgt Ion:136 Resp: 415026
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.0 6.6 9.8#
68 5.5 5.0 7.4

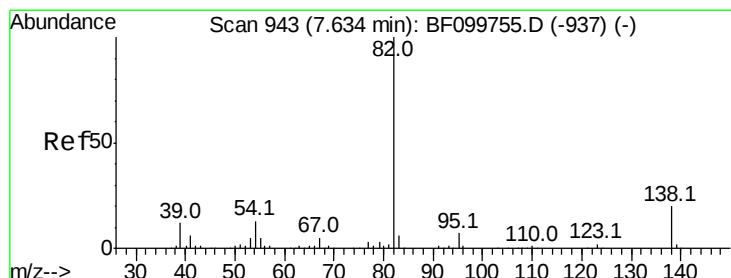
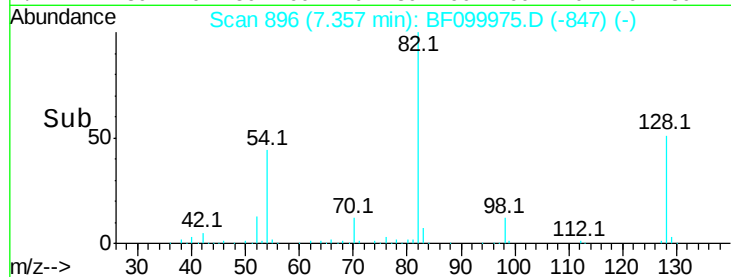
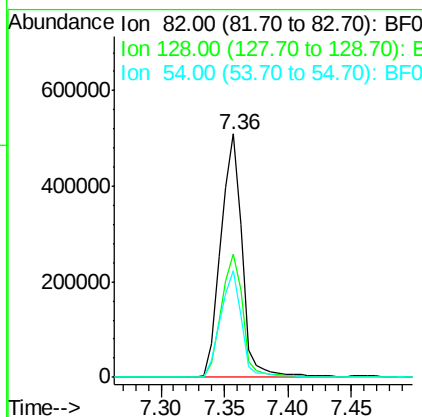
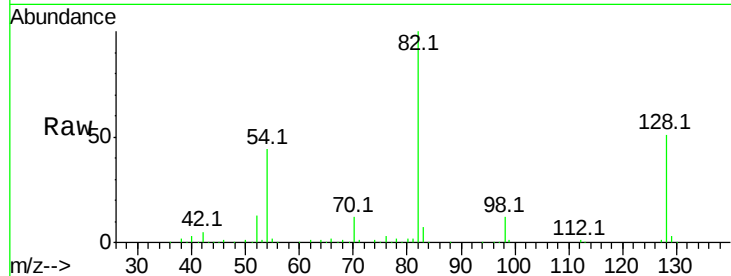




#23
 Nitrobenzene-d5
 Concen: 93.197 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099755.D
 Acq: 30 Oct 2017 22:04

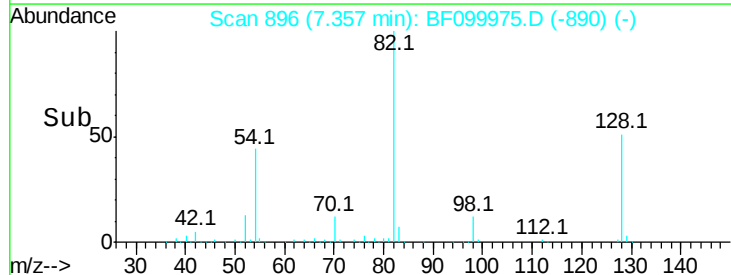
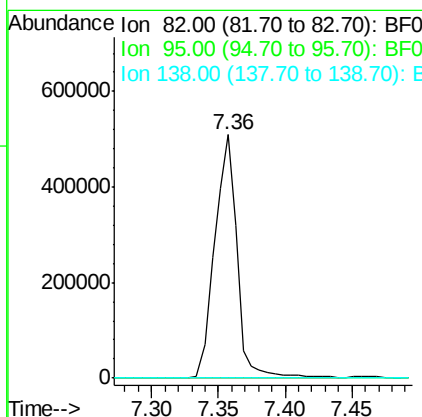
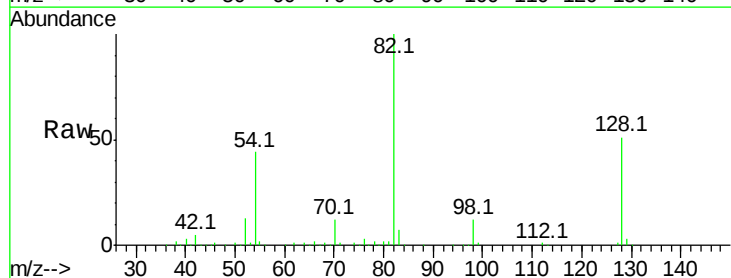
Instrument :
 BNA_F
 ClientSampleId :

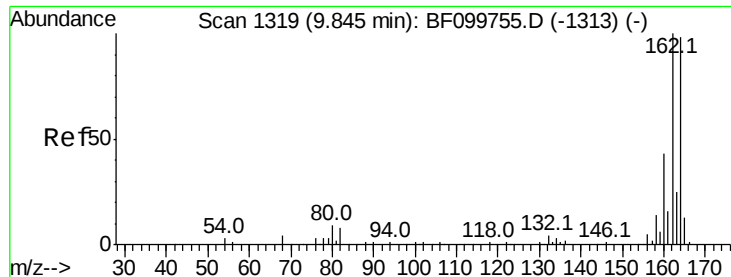
Tot Ion	82	Resp	600790
Ion Ratio	100	Lower	Upper
128	50.7	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 51.359 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099755.D
 Acq: 30 Oct 2017 22:04

Tgt Ion	82	Resp	600781
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

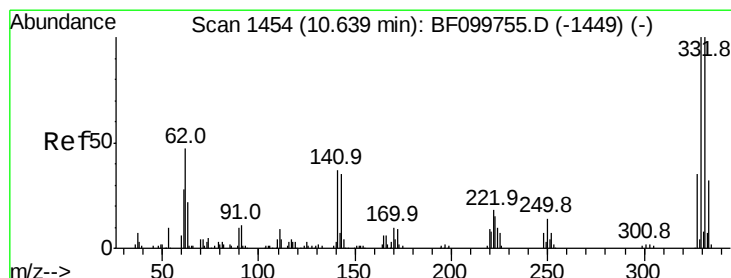
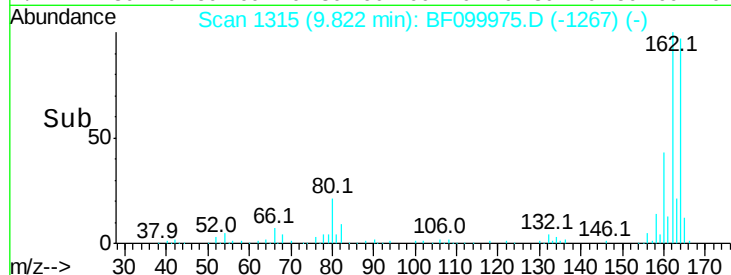
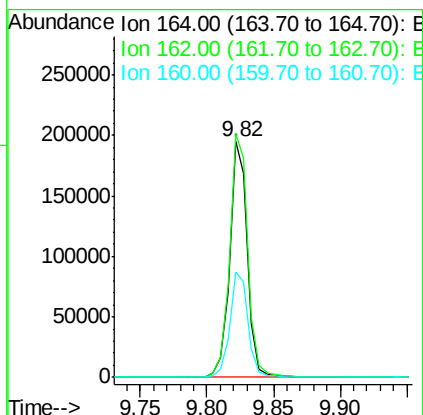
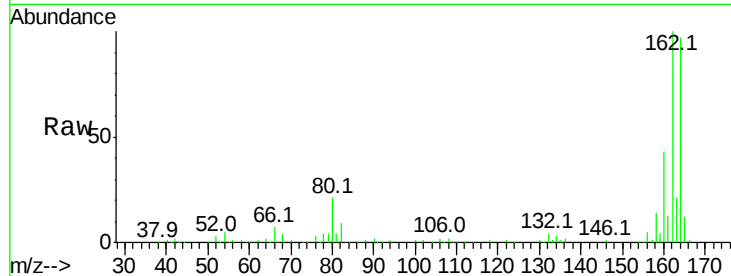




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099975.D
Acq: 30 Oct 2017 22:04

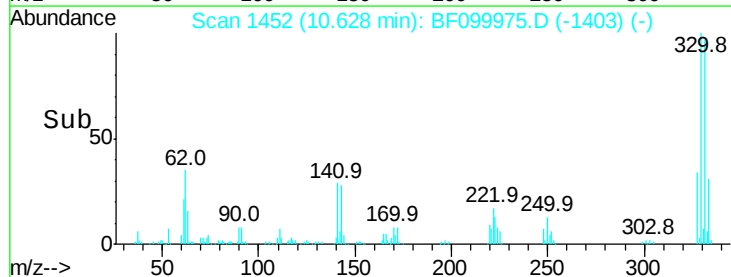
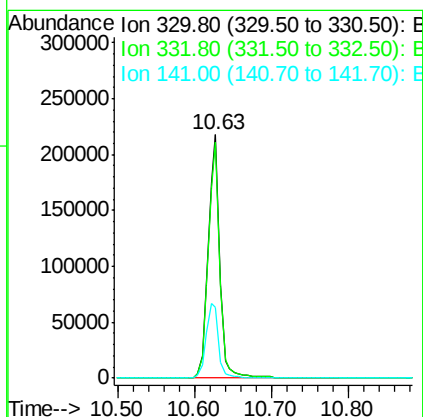
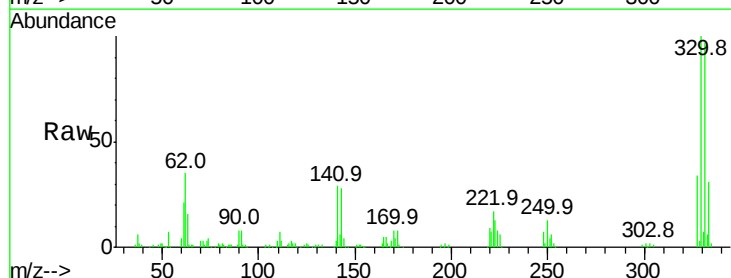
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 181620
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 44.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 135.891 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF099975.D
Acq: 30 Oct 2017 22:04

Tgt Ion:330 Resp: 224918
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 33.5 29.9 44.9



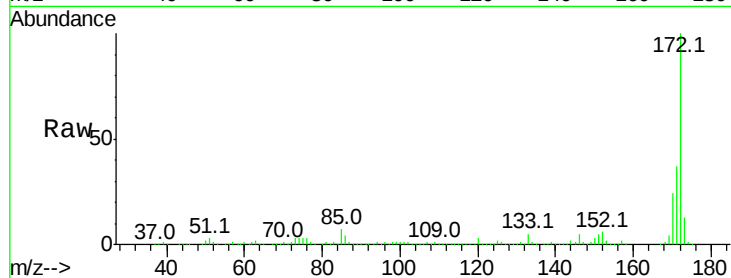


#44
 2-Fluorobiphenyl
 Concen: 104.780 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

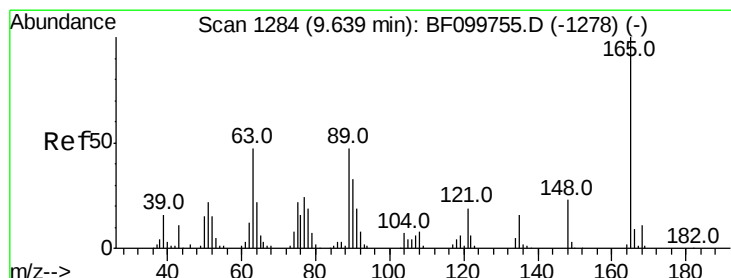
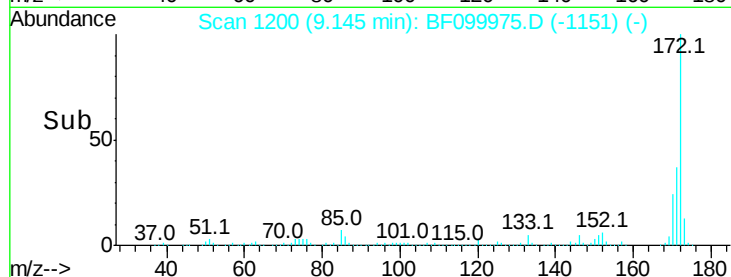
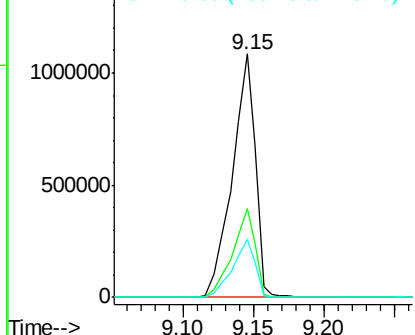
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1233450

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.7	19.6	29.4



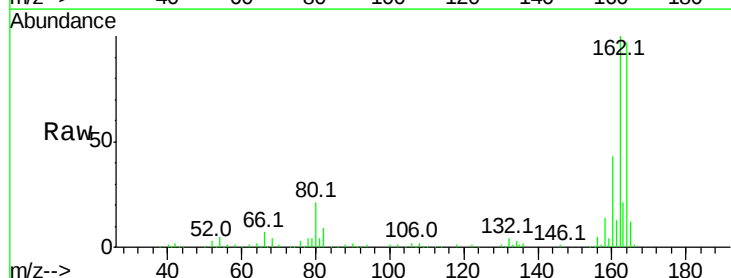
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



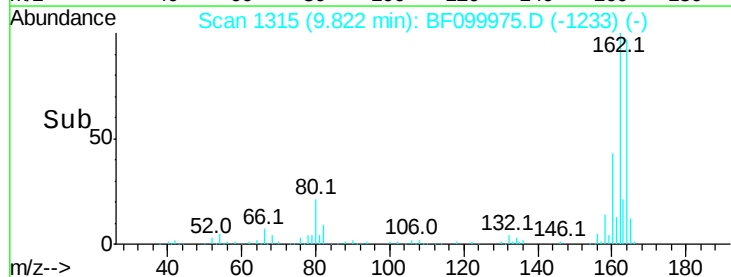
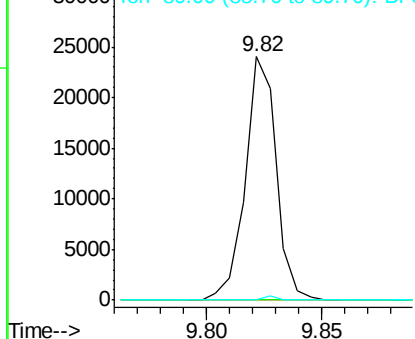
#50
 2,6-Dinitrotoluene
 Concen: 7.446 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:165 Resp: 22513

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

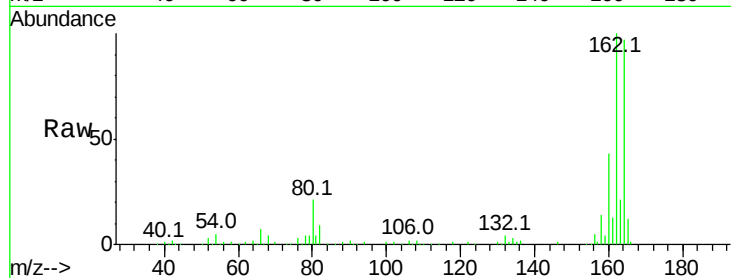




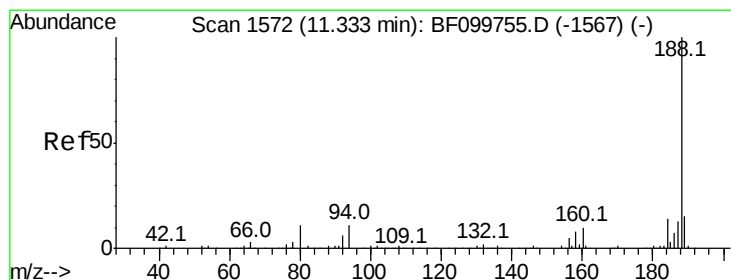
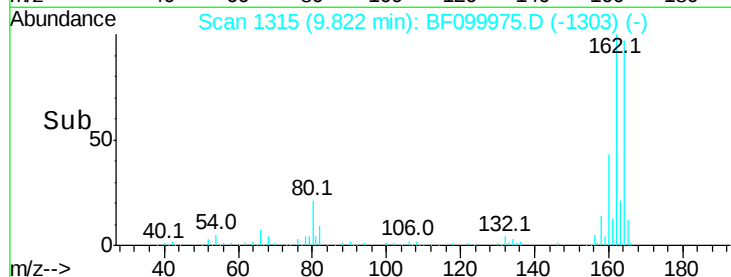
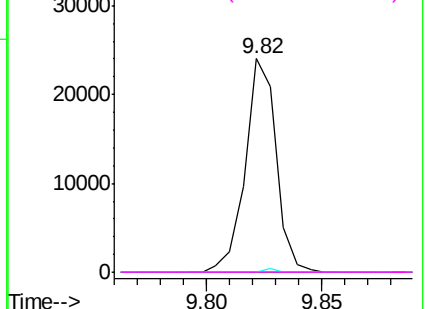
#56
 2,4-Dinitrotoluene
 Concen: 6.183 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22513
 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#

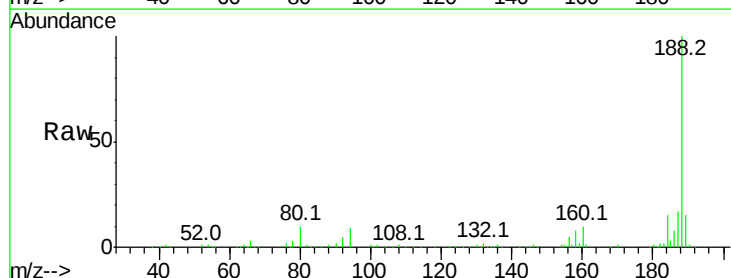


Abundance Ion 165.00 (164.70 to 165.70): E

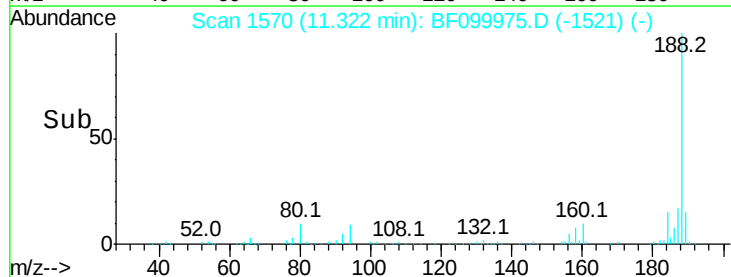
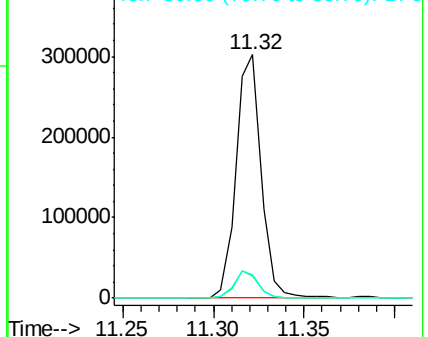


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:188 Resp: 291639
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

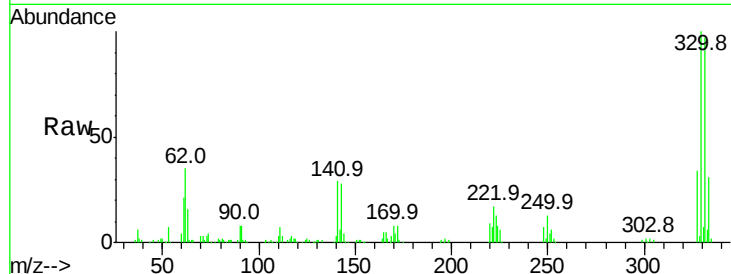




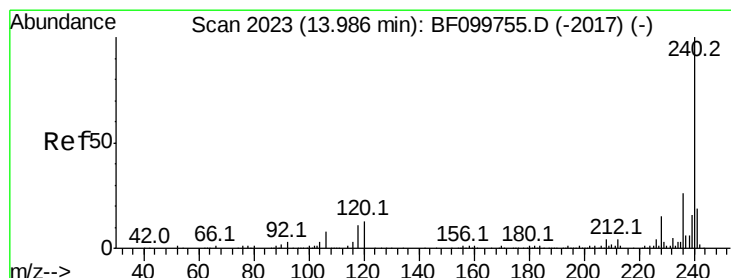
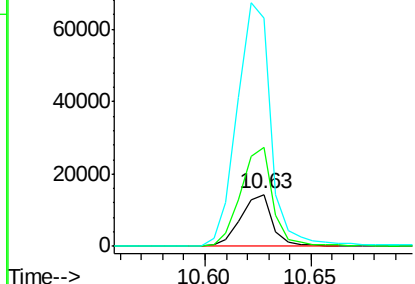
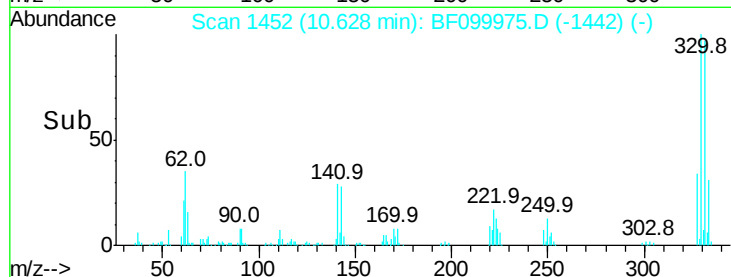
#66
 4-Bromophenyl-phenylether
 Concen: 4.831 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14832
 Ion Ratio Lower Upper
 248 100
 250 190.6 76.9 115.3#
 141 439.2 74.4 111.6#

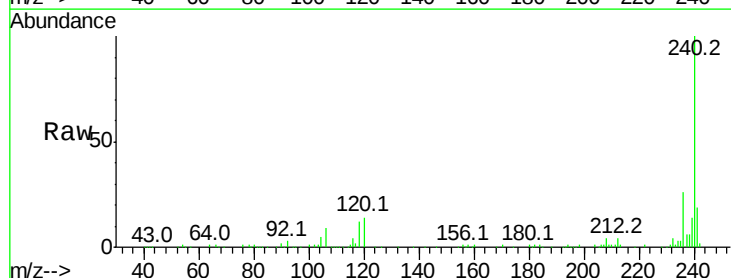


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

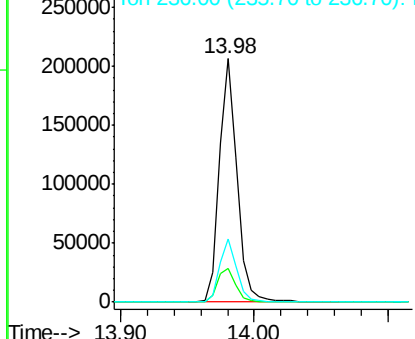
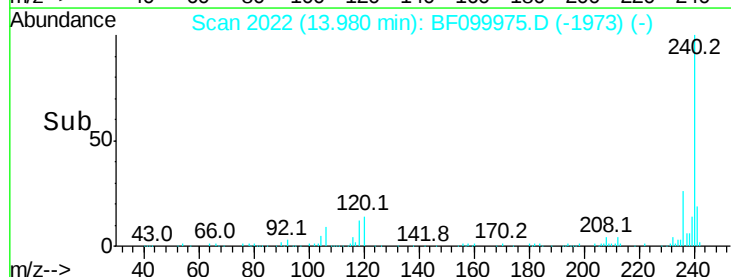


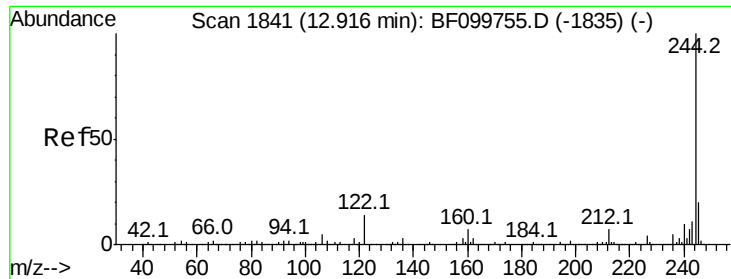
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:240 Resp: 194553
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.9 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

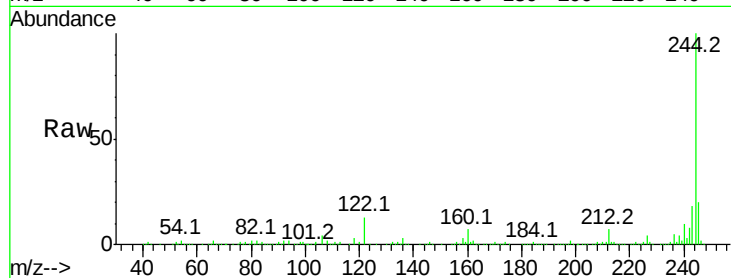




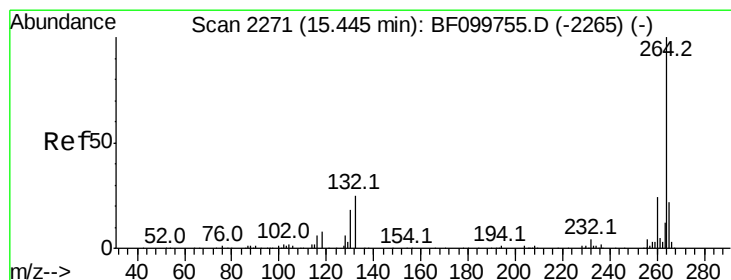
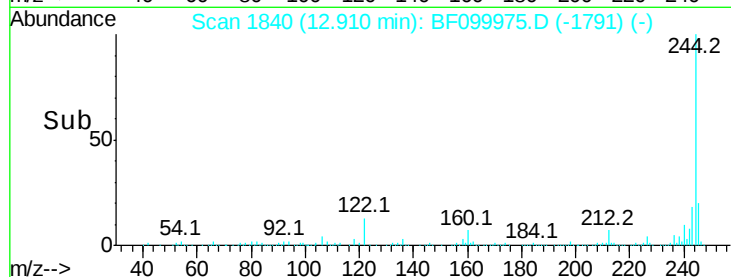
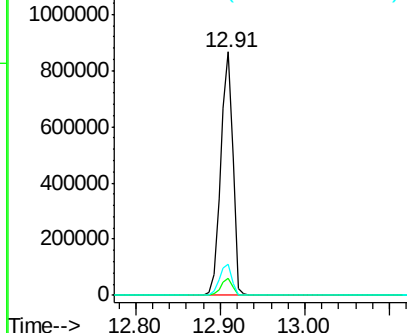
#78
 Terphenyl-d14
 Concen: 99.077 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 882035
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.9 11.0 16.4

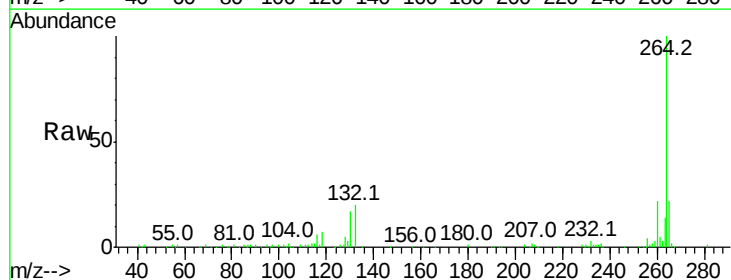


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.02 min
 Lab File: BF099975.D
 Acq: 30 Oct 2017 22:04

Tgt Ion:264 Resp: 169821
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.5 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

