

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099971.D
 Acq On : 30 Oct 2017 20:20
 Operator : SJ/JU
 Sample : I6171-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 02:29:14 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

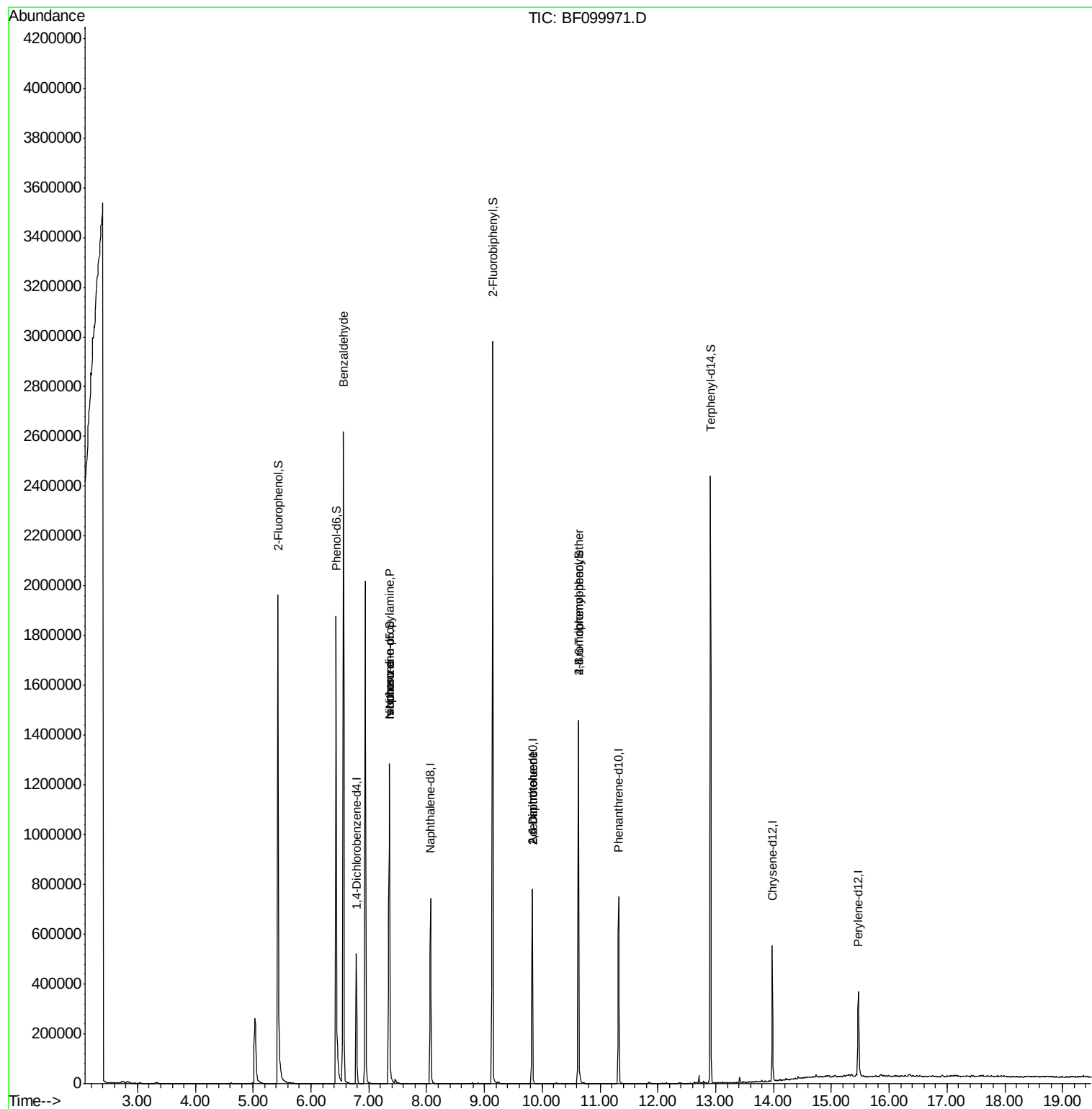
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100732	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	408482	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	175148	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	281577	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	189517	20.00	ng	-0.01
86) Perylene-d12	15.47	264	164994	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	851220	132.67	ng	0.01
7) Phenol-d6	6.43	99	945191	124.24	ng	0.00
23) Nitrobenzene-d5	7.36	82	600843	94.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	220769	138.31	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1229465	108.30	ng	-0.01
78) Terphenyl-d14	12.91	244	875702	100.98	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	15280	3.361	ng	88
19) n-Nitroso-di-n-propylamine	7.36	70	75405	16.913	ng	# 70
25) Isophorone	7.36	82	600839	52.187	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21843	7.491	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21843	6.220	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	14806	4.995	ng	# 1

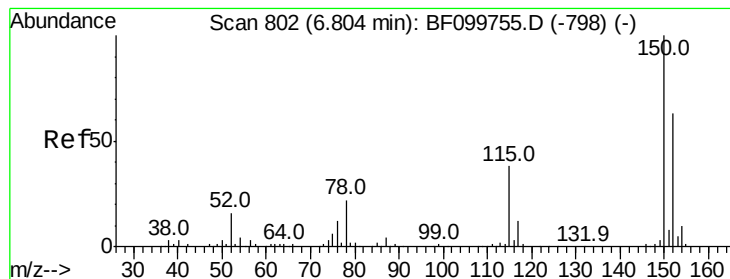
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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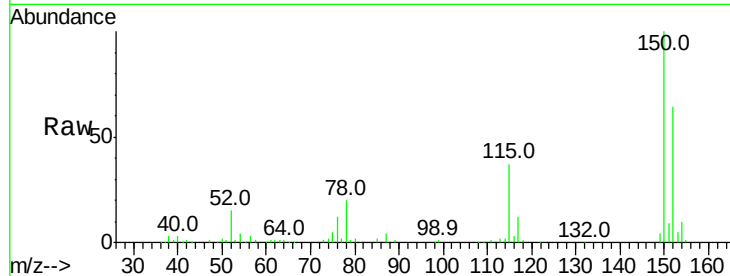


#1

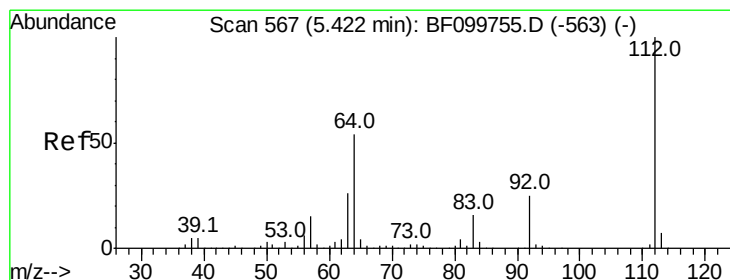
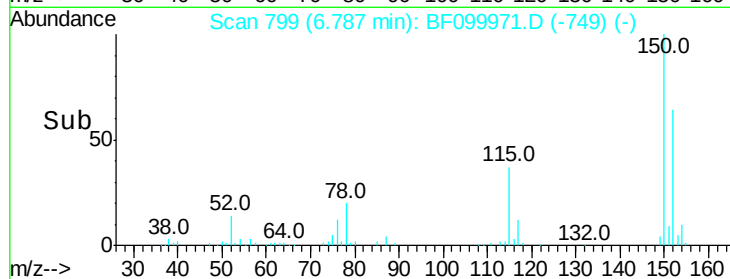
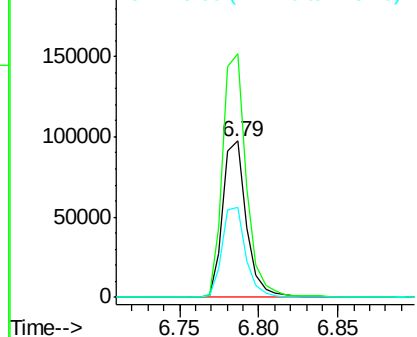
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100732
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 57.5 50.1 75.1



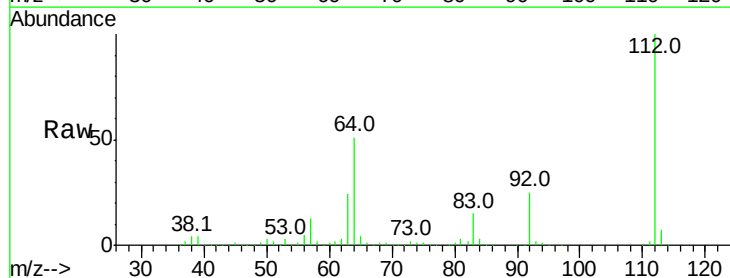
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



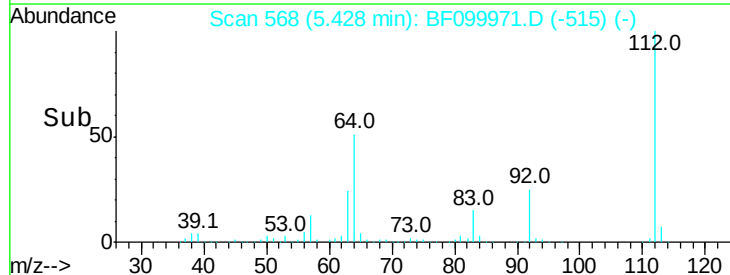
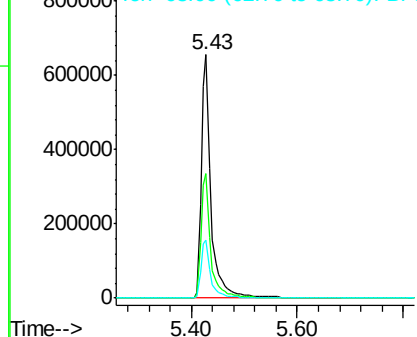
#5

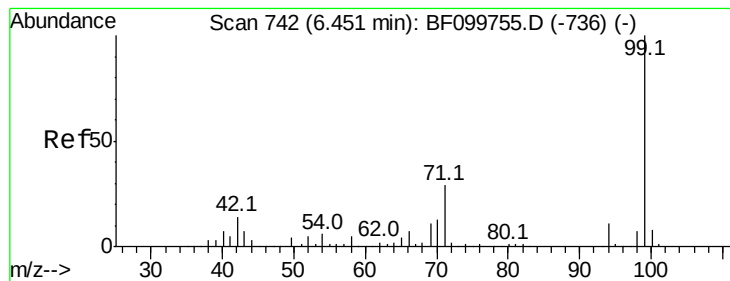
2-Fluorophenol
Concen: 132.668 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

Tgt Ion:112 Resp: 851220
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 24.0 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: 124.240 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099971.D

Acq: 30 Oct 2017 20:20

Instrument :

BNA_F

ClientSampled :

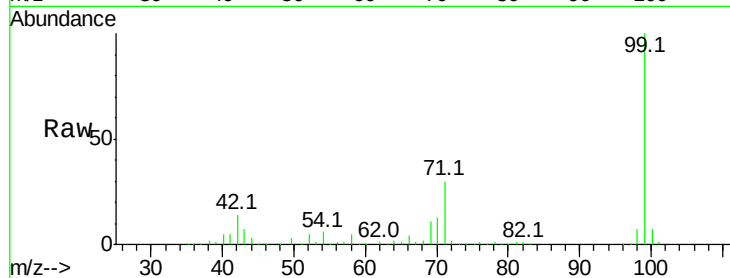
Tot Ion: 99 Resp: 945191

Ion Ratio Lower Upper

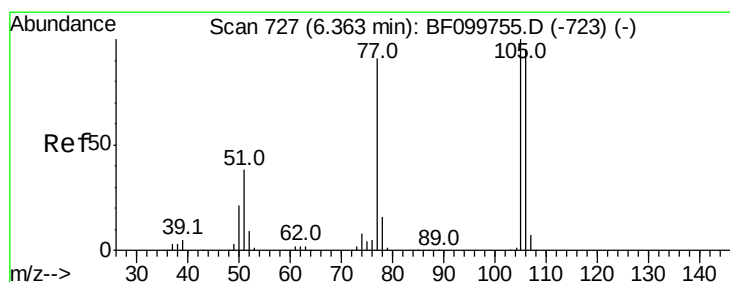
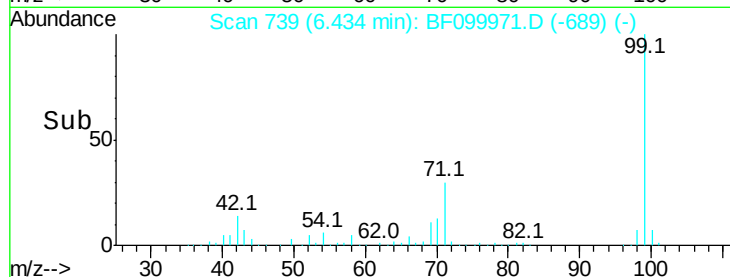
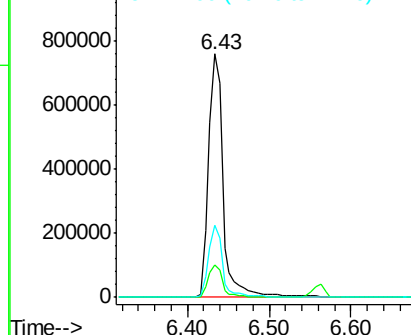
99 100

42 13.6 14.5 21.7#

71 29.5 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: 3.361 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099971.D

Acq: 30 Oct 2017 20:20

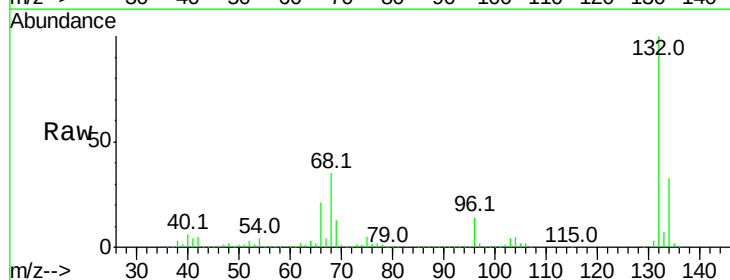
Tgt Ion: 77 Resp: 15280

Ion Ratio Lower Upper

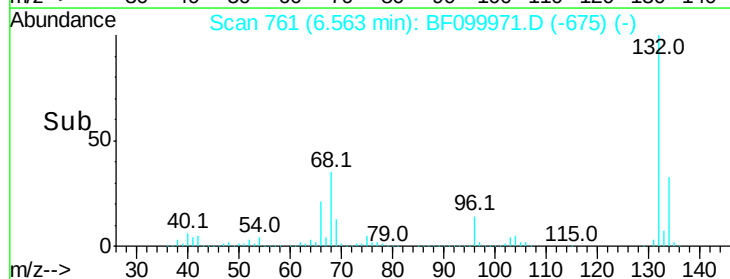
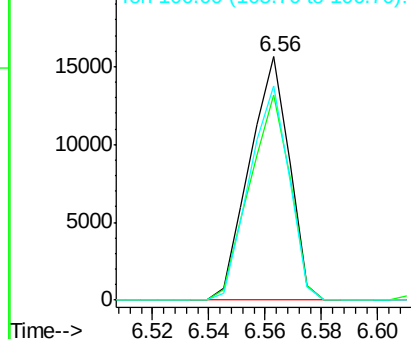
77 100

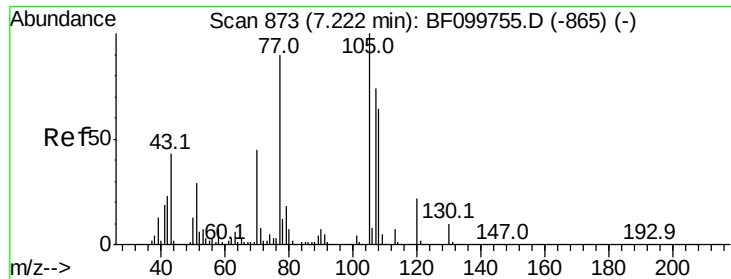
105 84.5 81.1 121.1

106 88.1 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

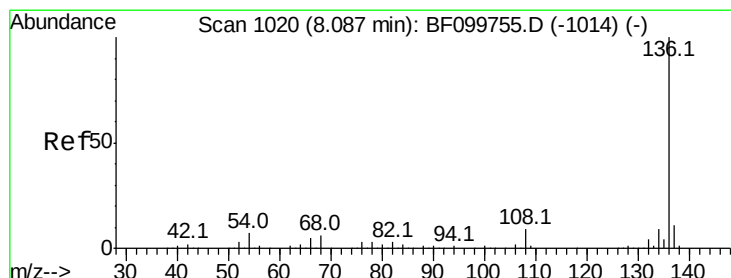
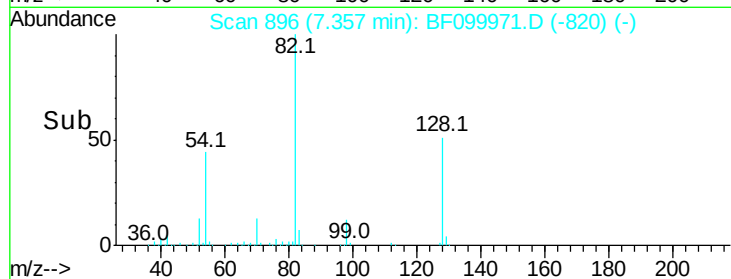
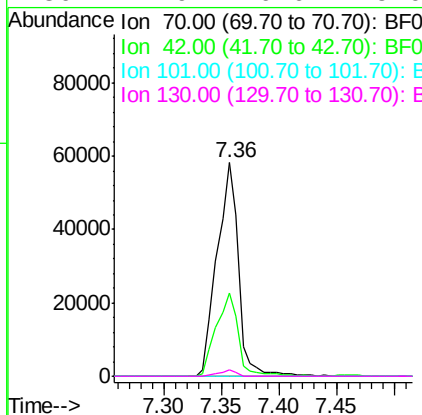
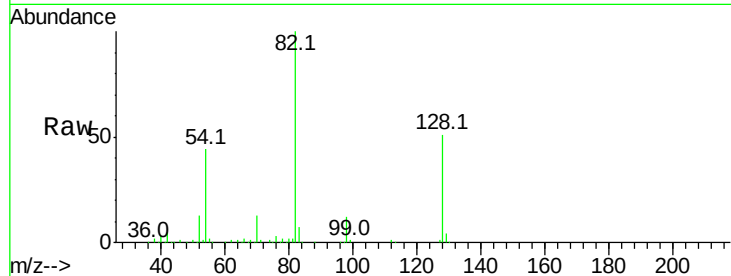




#19
n-Nitroso-di-n-propylamine
Concen: 16.913 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

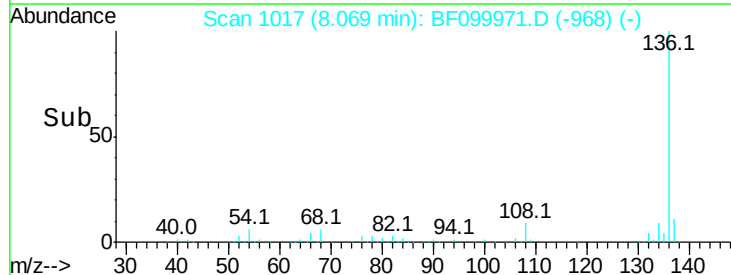
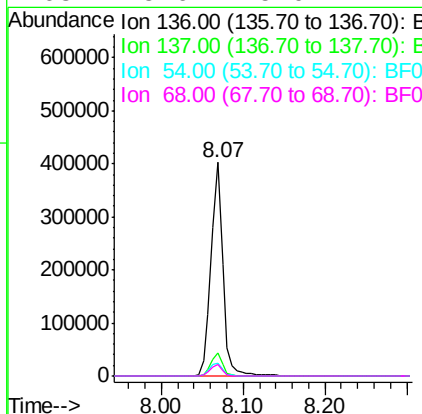
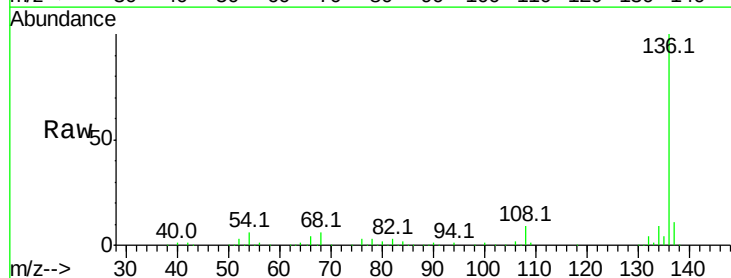
Instrument :
BNA_F
ClientSampleId :

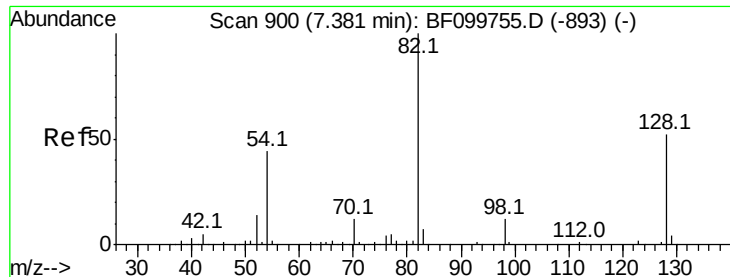
Tot Ion: 70 Resp: 75405
Ion Ratio Lower Upper
70 100
42 38.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099971.D
Acq: 30 Oct 2017 20:20

Tgt Ion: 136 Resp: 408482
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.2 6.6 9.8#
68 5.6 5.0 7.4

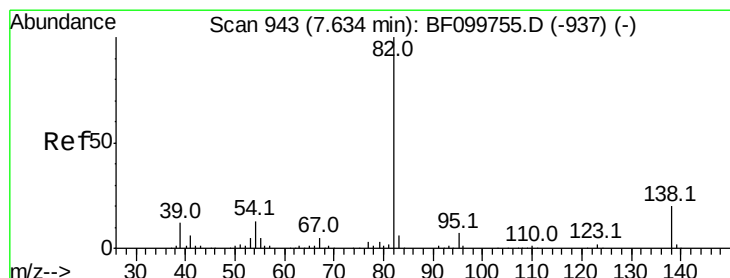
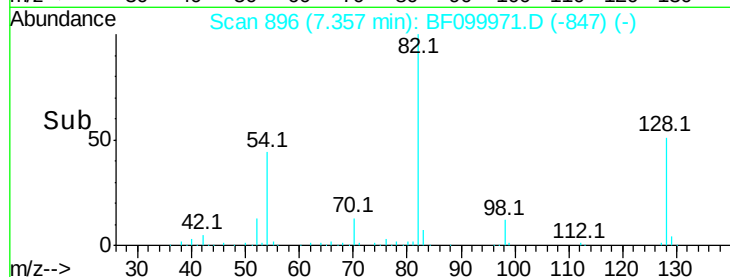
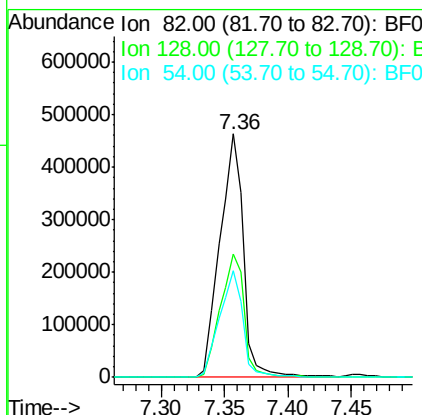
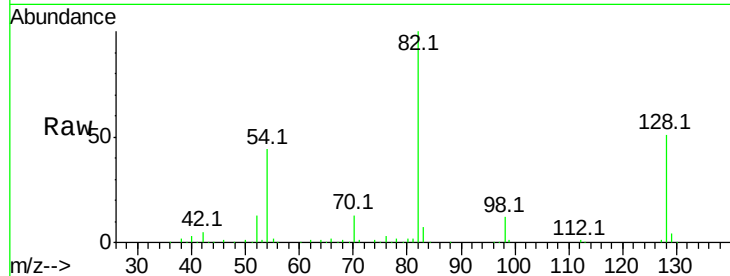




#23
 Nitrobenzene-d5
 Concen: 94.698 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

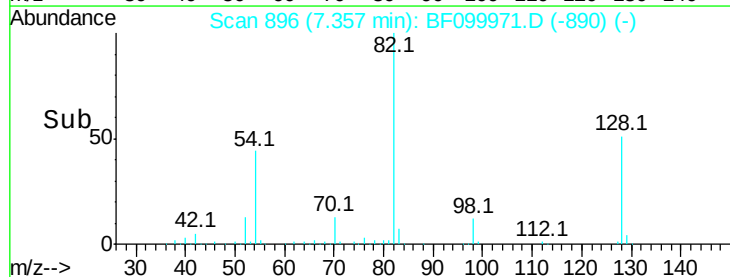
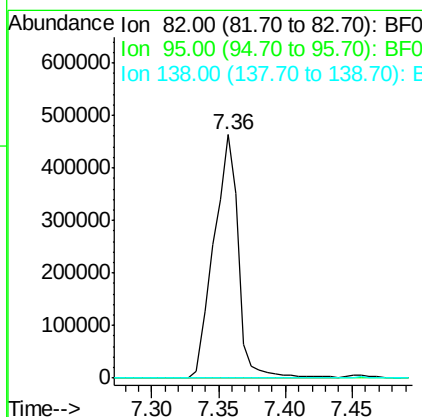
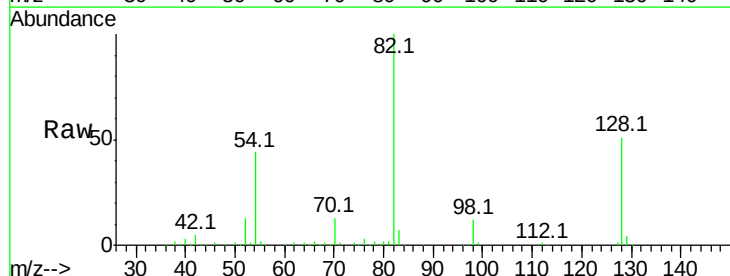
Instrument :
 BNA_F
 ClientSampleId :

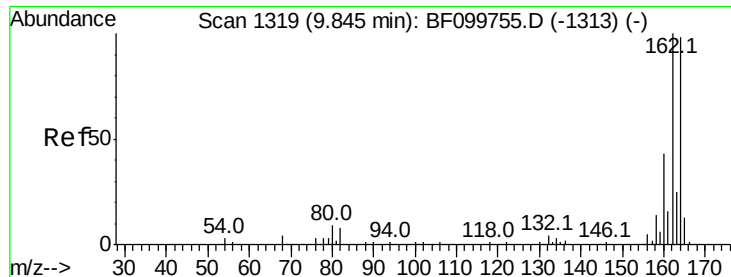
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 52.187 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

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

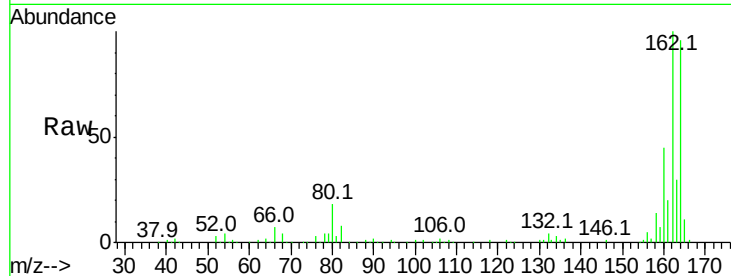




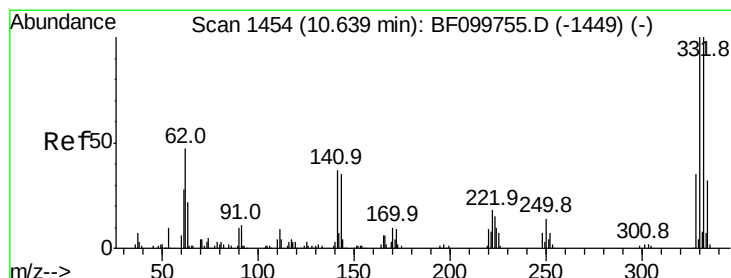
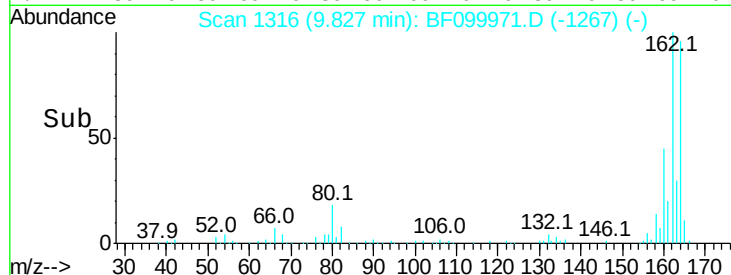
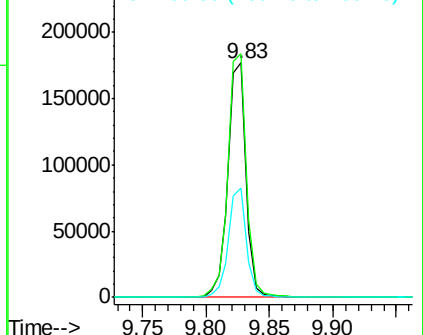
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 175148
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.5 38.3 57.5

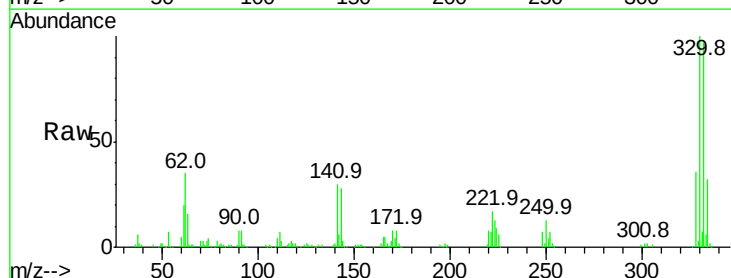


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

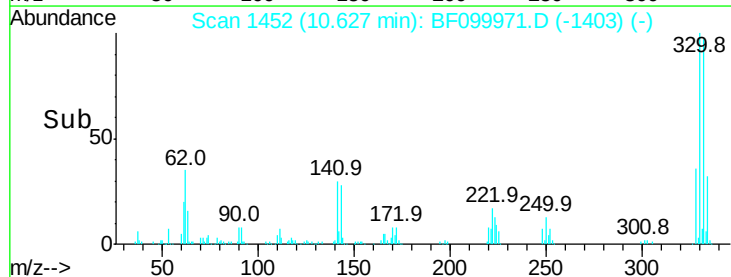
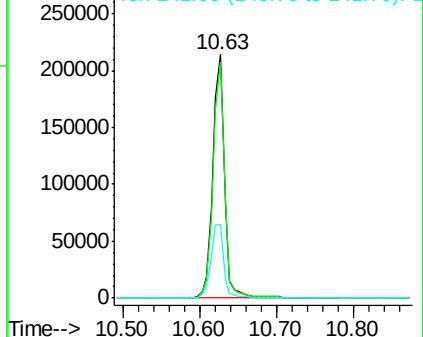


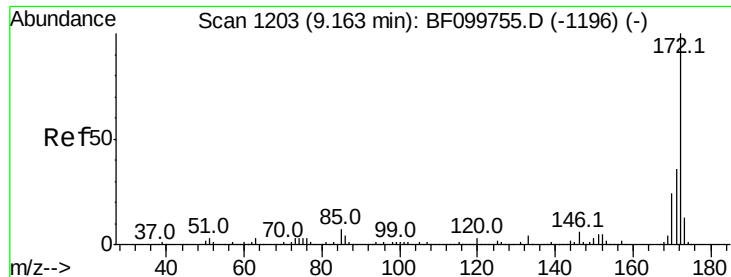
#41
 2,4,6-Tribromophenol
 Concen: 138.313 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion:330 Resp: 220769
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.6 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



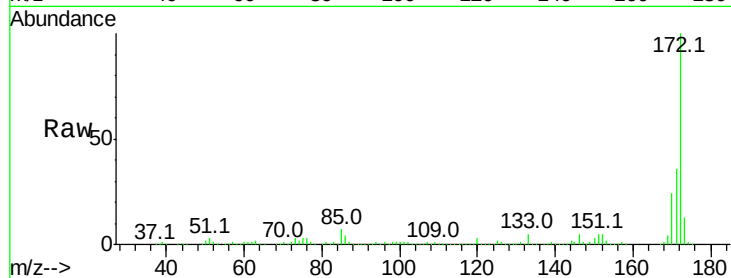


#44
 2-Fluorobiphenyl
 Concen: 108.301 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

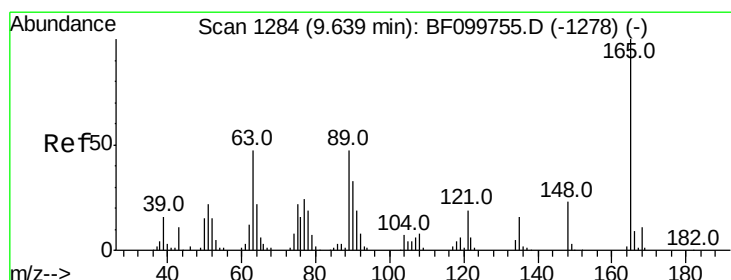
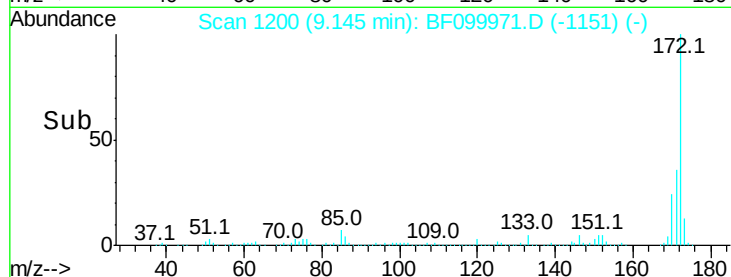
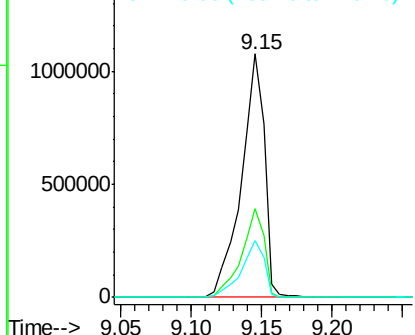
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1229465

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.5	19.6	29.4



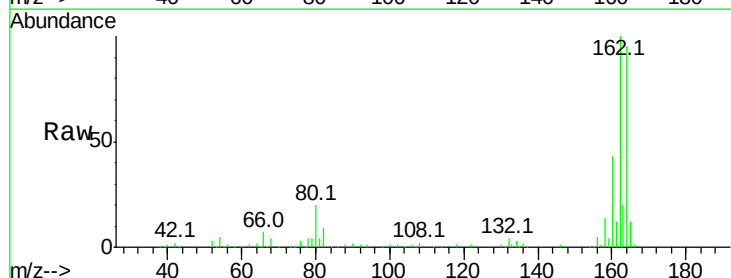
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



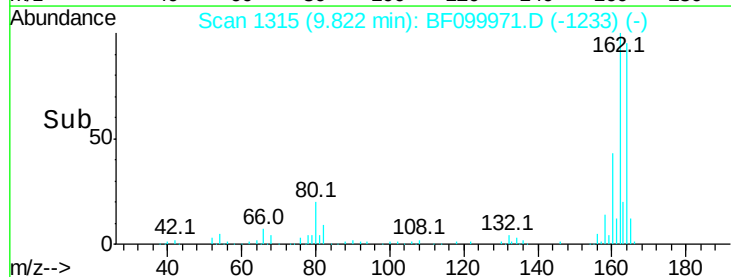
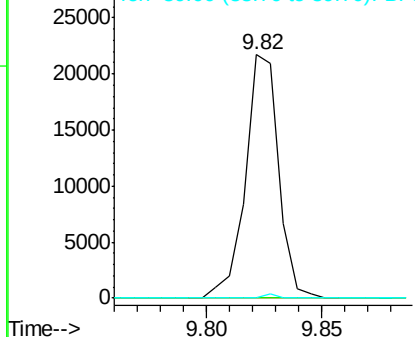
#50
 2,6-Dinitrotoluene
 Concen: 7.491 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

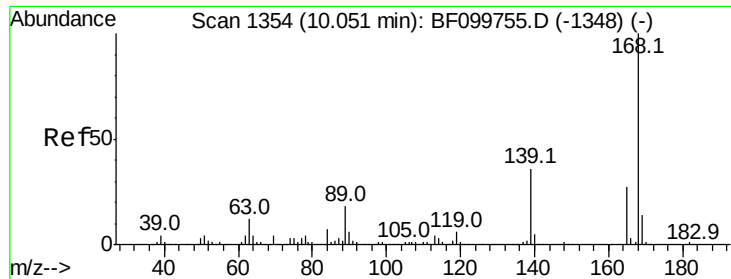
Tgt Ion:165 Resp: 21843

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

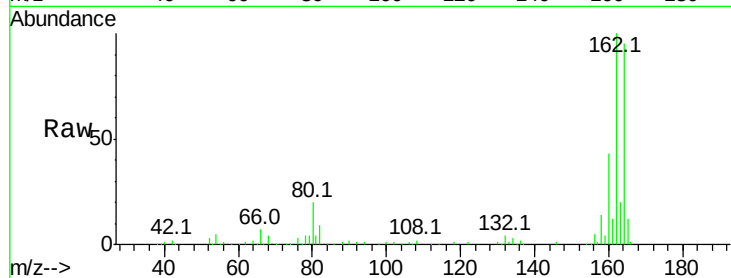




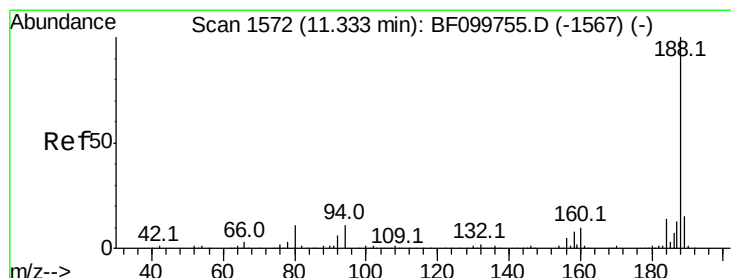
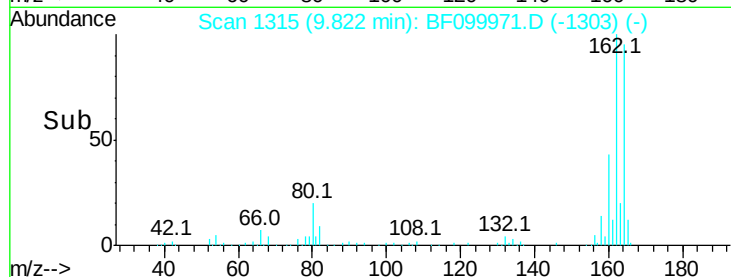
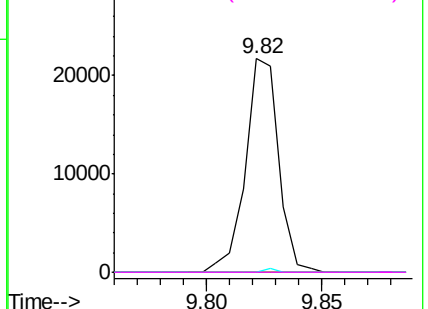
#56
 2,4-Dinitrotoluene
 Concen: 6.220 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21843
 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#

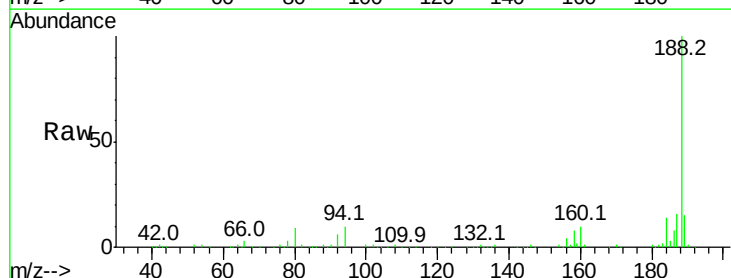


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

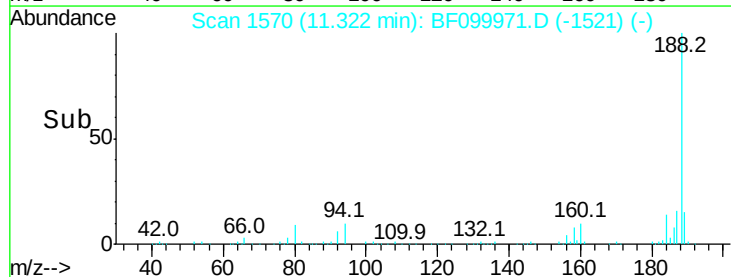
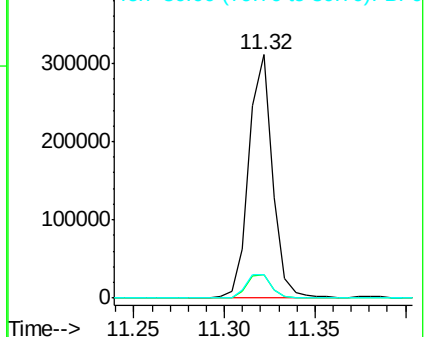


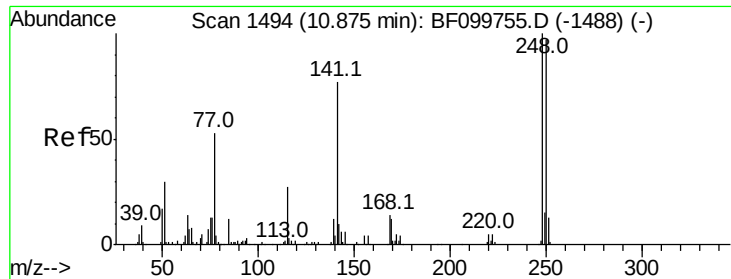
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion:188 Resp: 281577
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.4 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

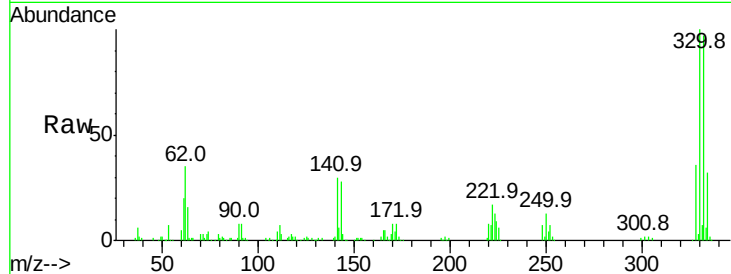




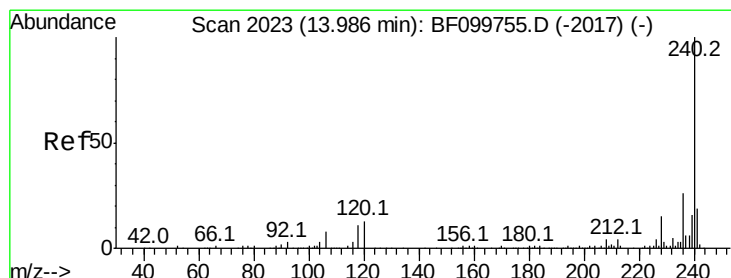
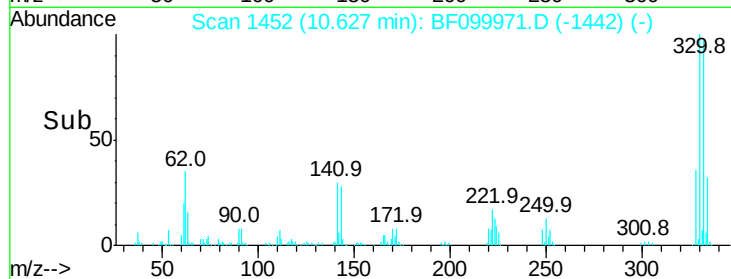
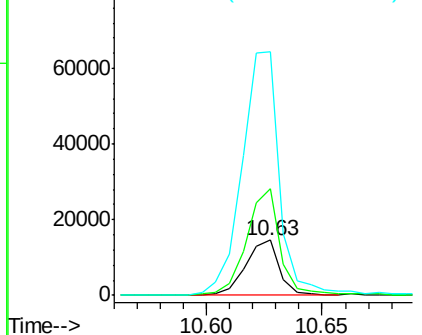
#66
 4-Bromophenyl-phenylether
 Concen: 4.995 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14806
 Ion Ratio Lower Upper
 248 100
 250 193.4 76.9 115.3#
 141 441.5 74.4 111.6#

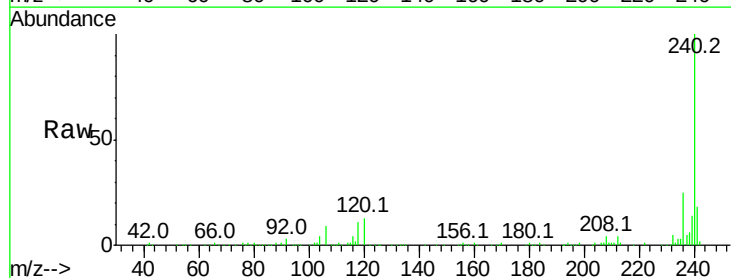


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

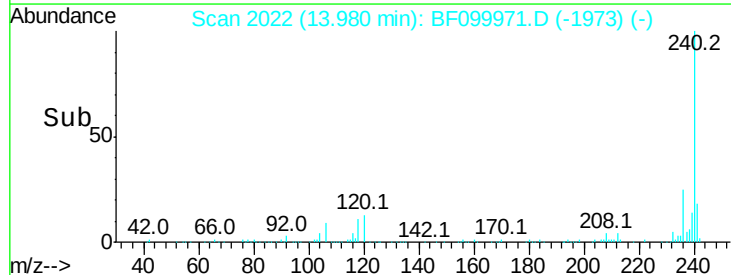
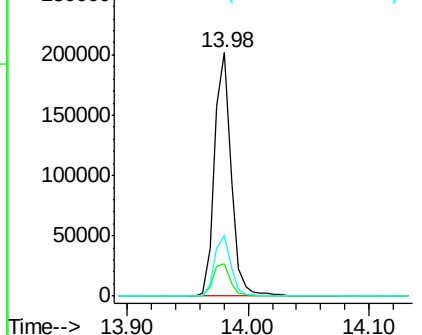


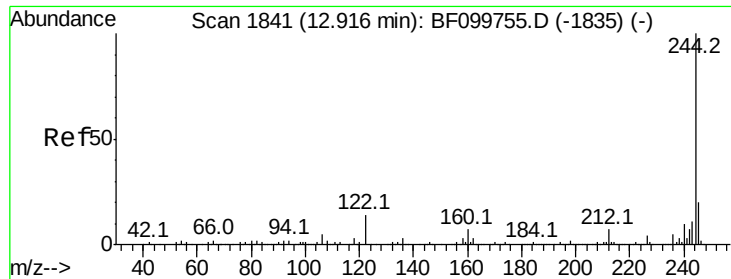
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion:240 Resp: 189517
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 24.8 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

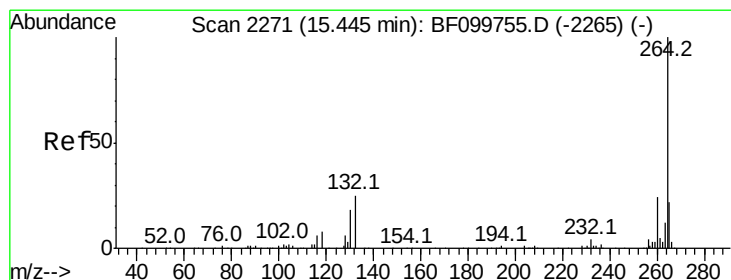
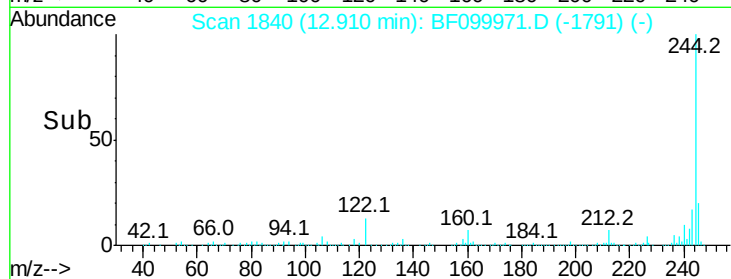
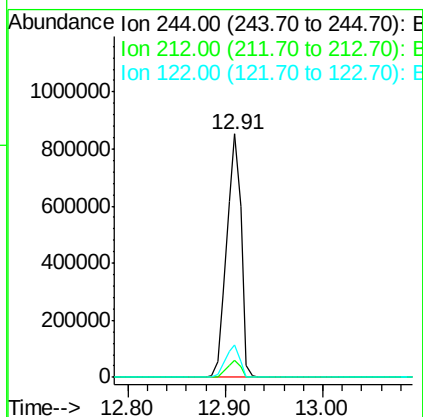
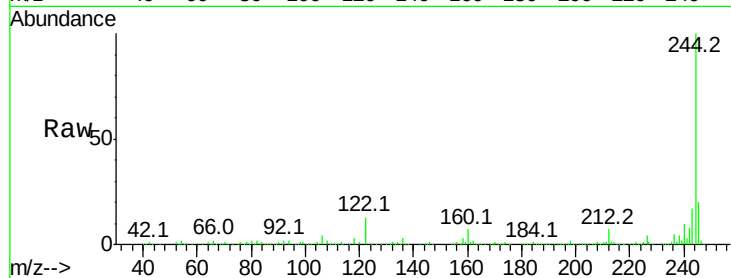




#78
 Terphenyl-d14
 Concen: 100.980 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 875702
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF099971.D
 Acq: 30 Oct 2017 20:20

Tgt Ion:264 Resp: 164994
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.6 17.5 26.3

