

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099656.D
 Acq On : 19 Oct 2017 10:06
 Operator : SJ/JU
 Sample : I5935-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:27:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

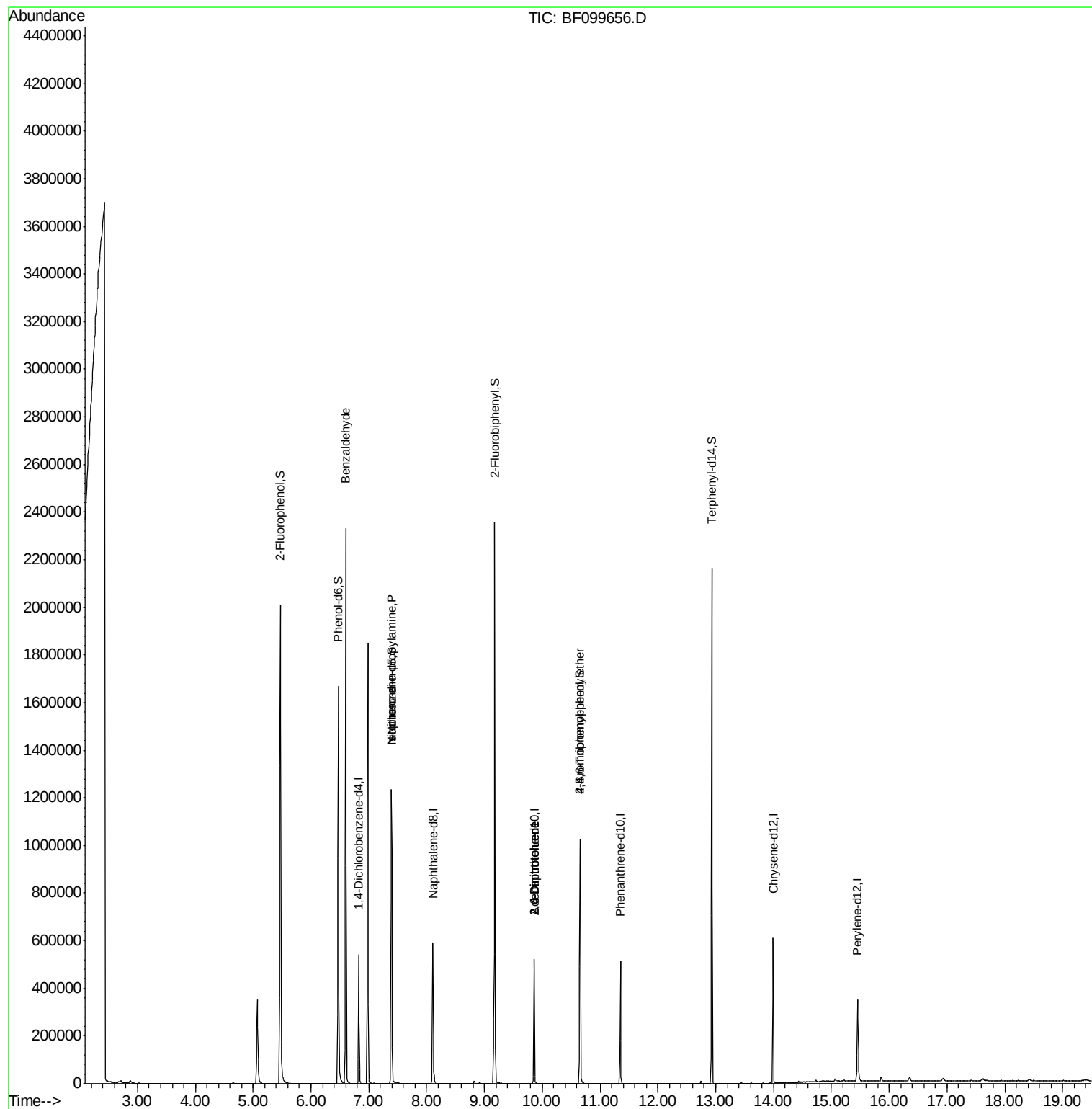
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89868	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	317407	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	110784	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	185317	20.00	ng	0.00
75) Chrysene-d12	13.99	240	186816	20.00	ng	0.00
86) Perylene-d12	15.46	264	151849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	712337	126.18	ng	0.02
7) Phenol-d6	6.47	99	736589	105.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	487657	98.53	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133218	146.96	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	828175	124.80	ng	0.00
78) Terphenyl-d14	12.93	244	682058	83.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	13067	3.235	ng	92
19) n-Nitroso-di-n-propylamine	7.39	70	61426	13.815	ng	# 73
25) Isophorone	7.39	82	478756	46.786	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	13762	7.560	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	13762	5.825	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	8626	4.755	ng	# 1

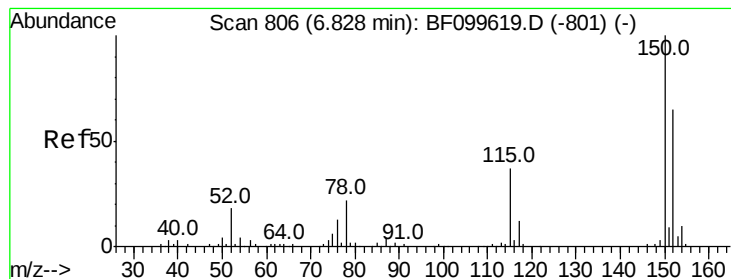
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Instrument :

BNA_F

ClientSampleId :

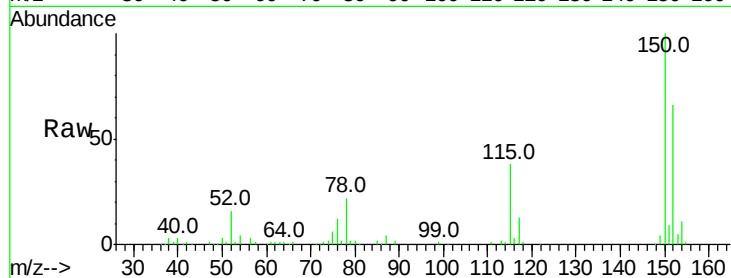
Tot Ion:152 Resp: 89868

Ion Ratio Lower Upper

152 100

150 151.9 124.6 186.8

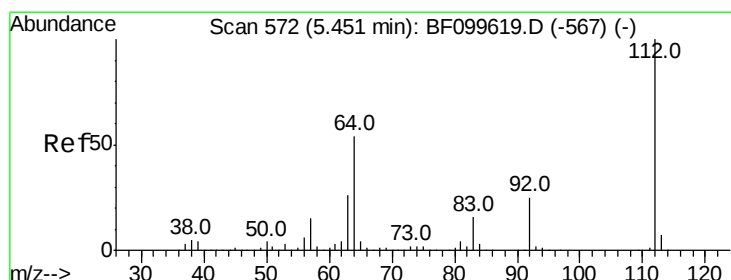
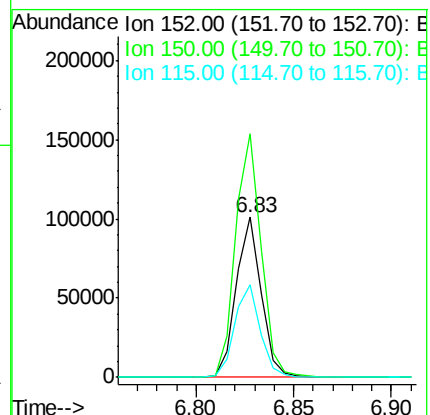
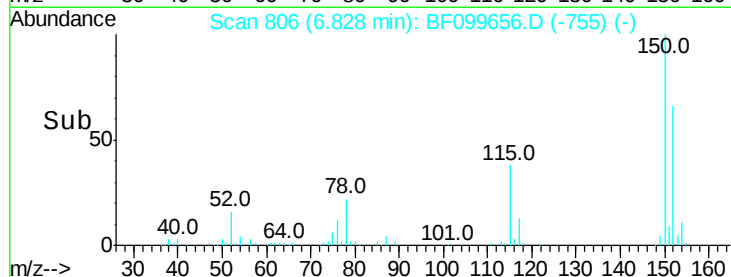
115 58.0 50.1 75.1



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: 126.182 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

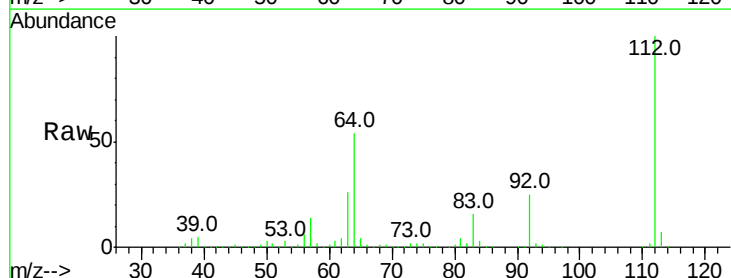
Tgt Ion:112 Resp: 712337

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

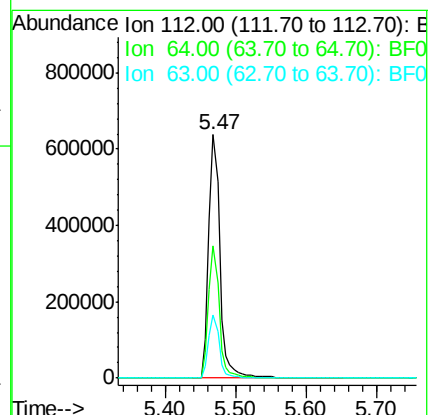
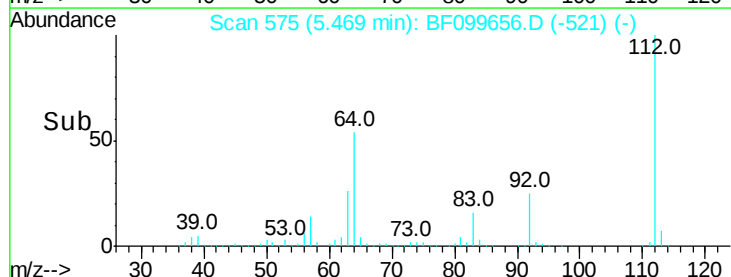
63 25.9 23.7 35.5

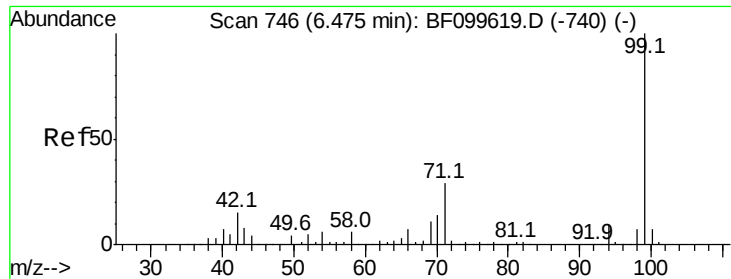


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.769 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Instrument :

BNA_F

ClientSampled :

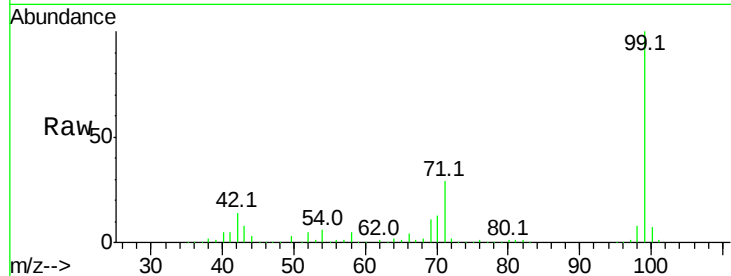
Tot Ion: 99 Resp: 736589

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

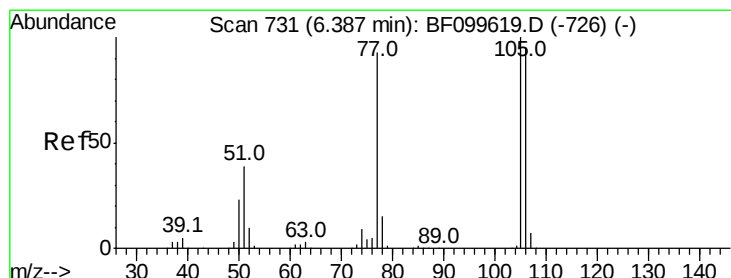
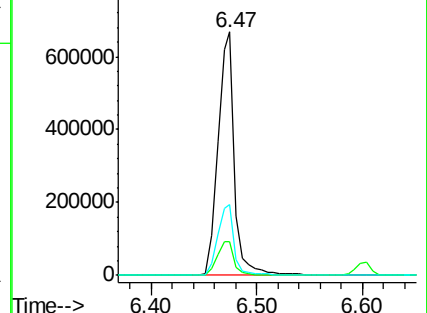
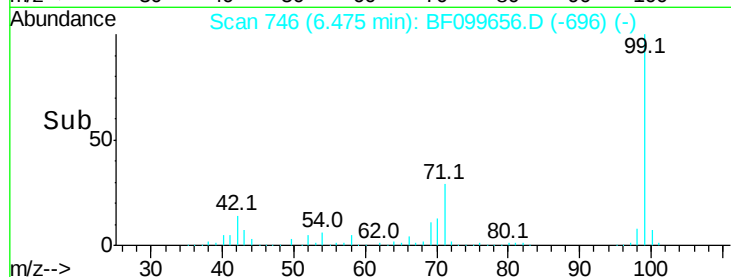
71 29.3 25.4 38.0



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: 3.235 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

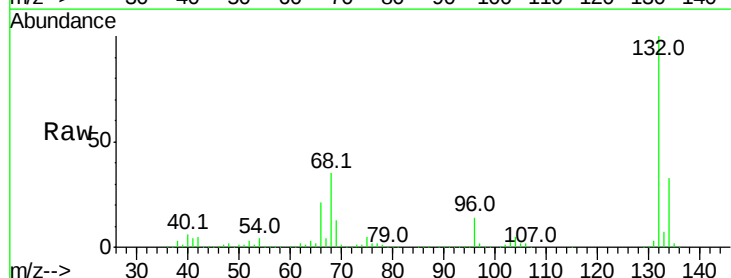
Tgt Ion: 77 Resp: 13067

Ion Ratio Lower Upper

77 100

105 89.1 81.1 121.1

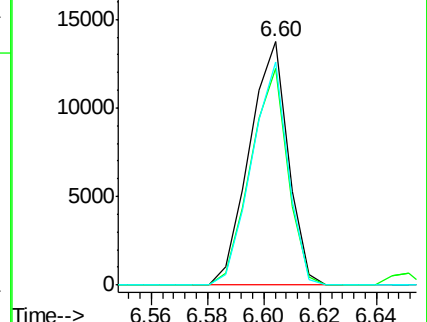
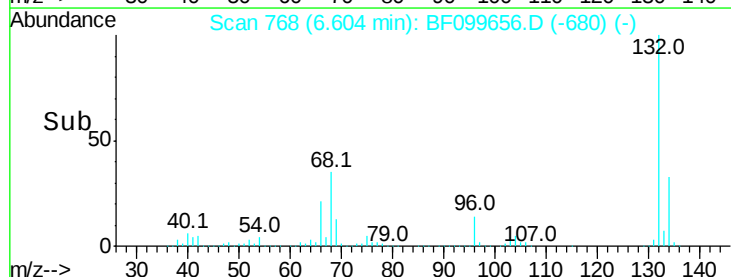
106 91.5 74.5 114.5

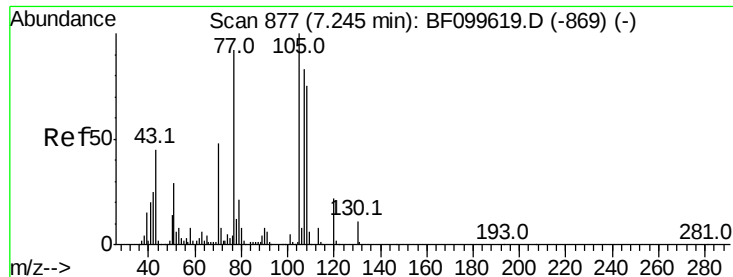


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.815 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 61426

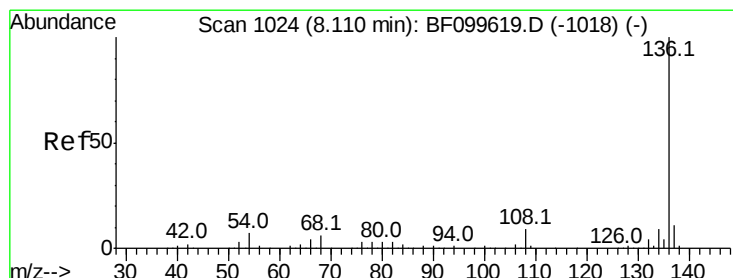
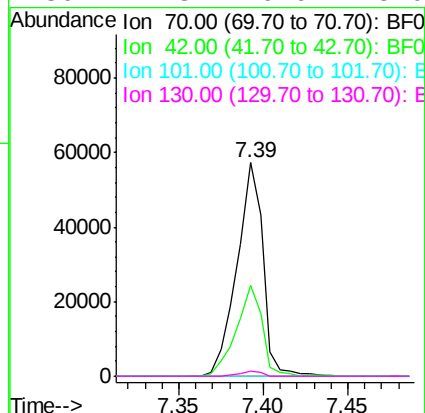
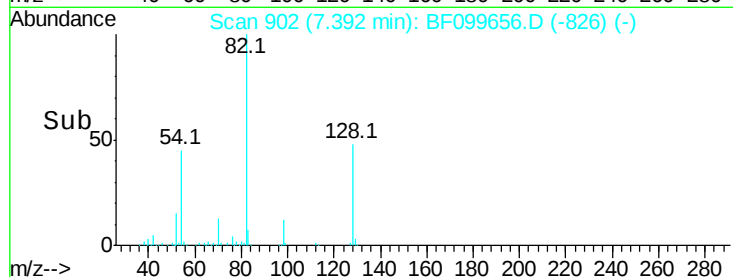
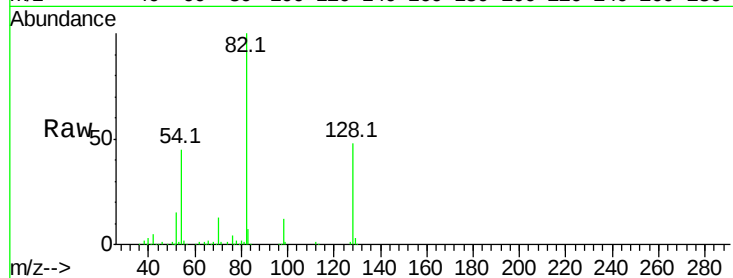
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Tgt Ion:136 Resp: 317407

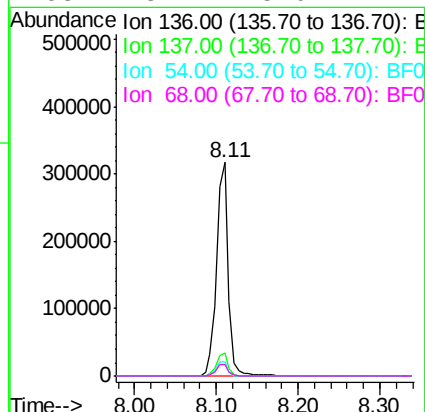
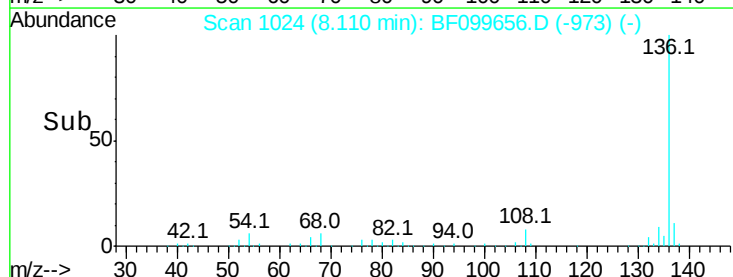
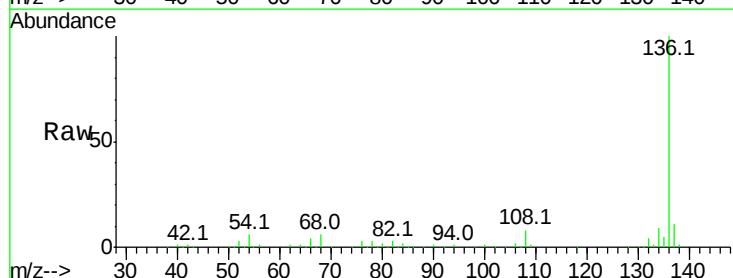
Ion Ratio Lower Upper

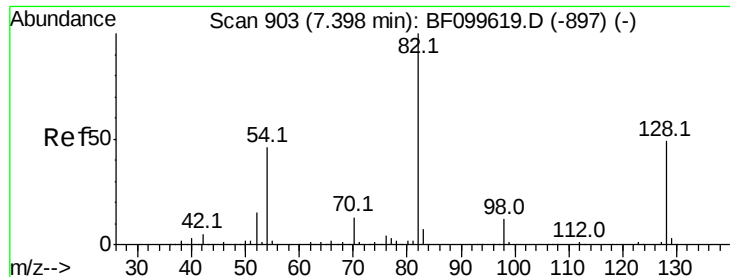
136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

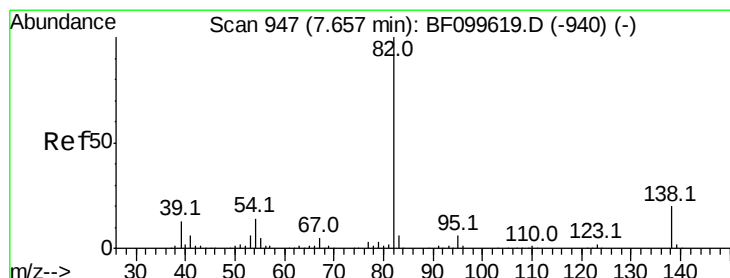
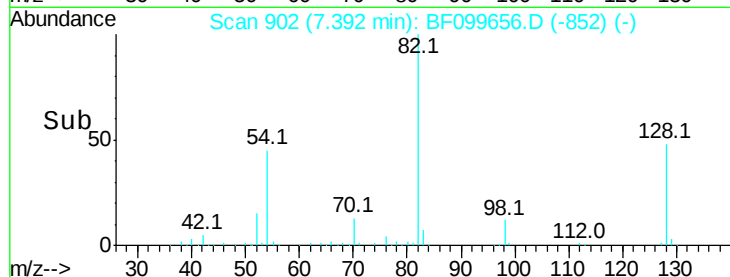
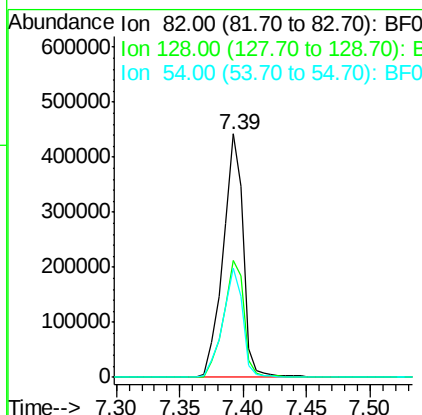
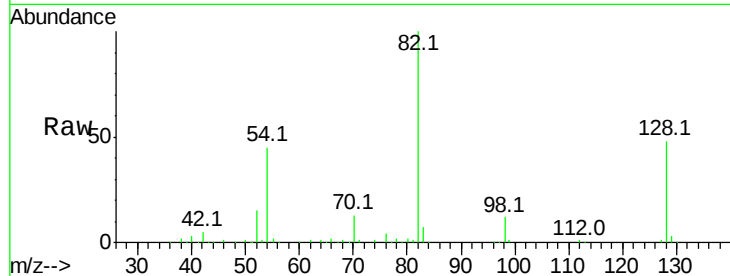




#23
 Nitrobenzene-d5
 Concen: 98.528 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

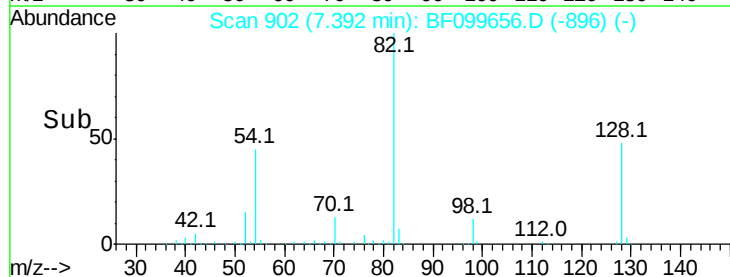
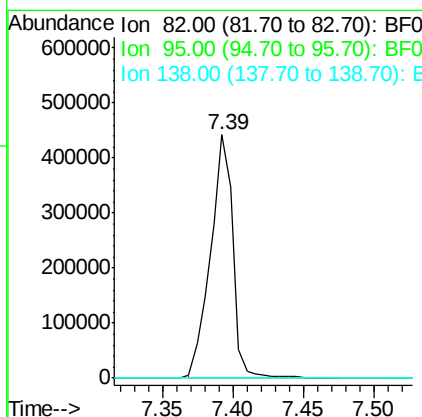
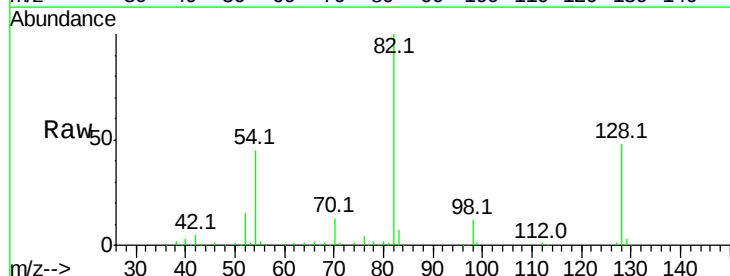
Instrument :
 BNA_F
 ClientSampled :

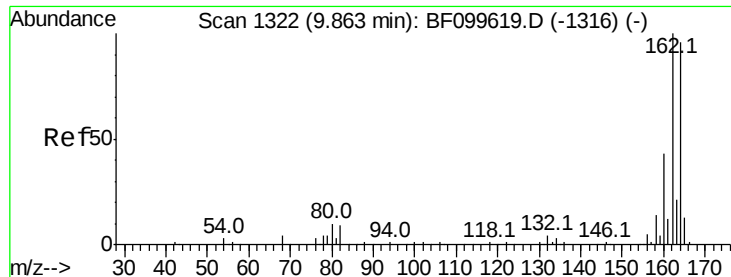
Tot Ion	82	Resp	487657
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.9	41.4	62.2



#25
 Isophorone
 Concen: 46.786 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.26 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion	82	Resp	478756
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

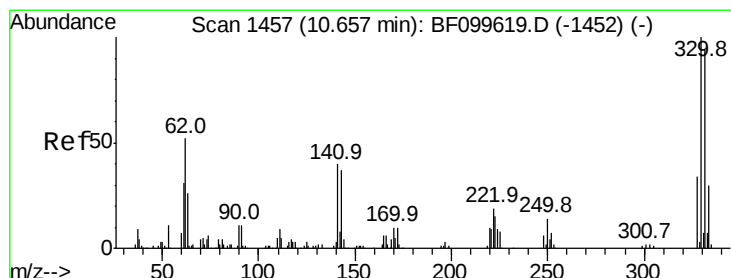
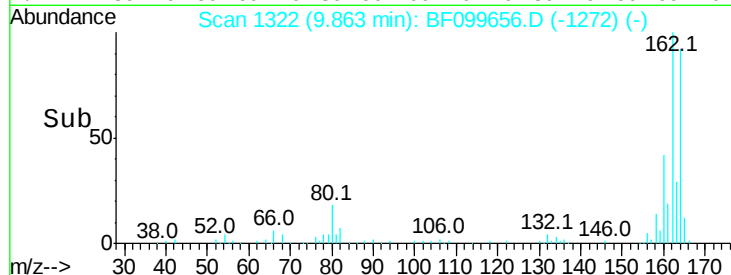
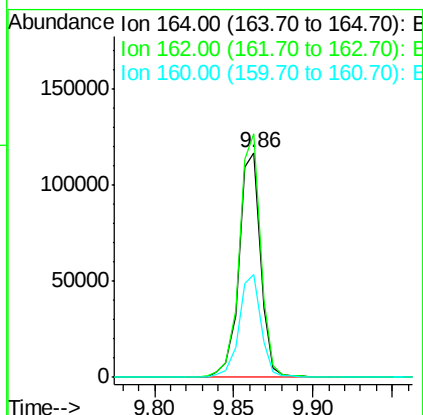
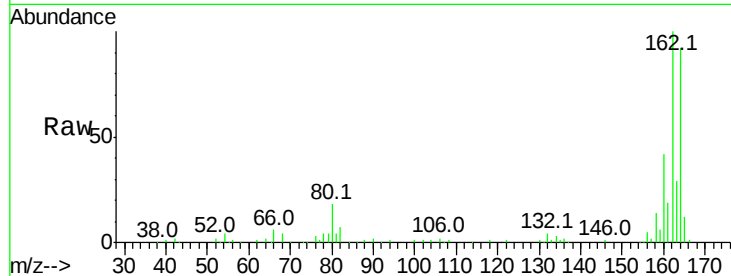




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

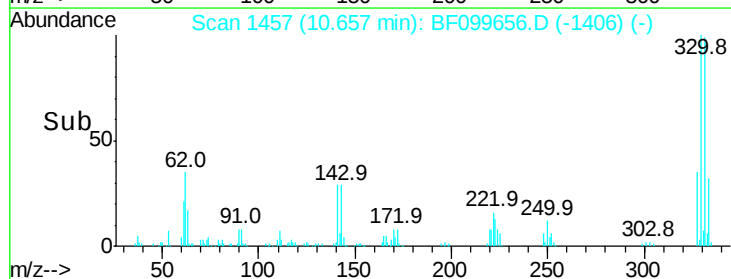
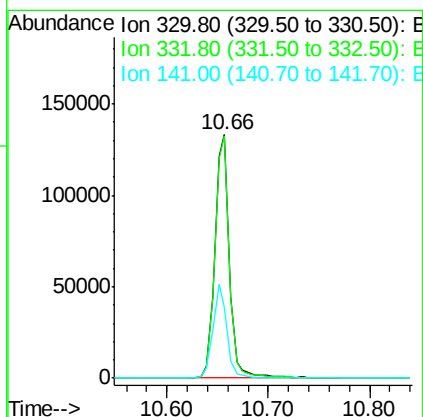
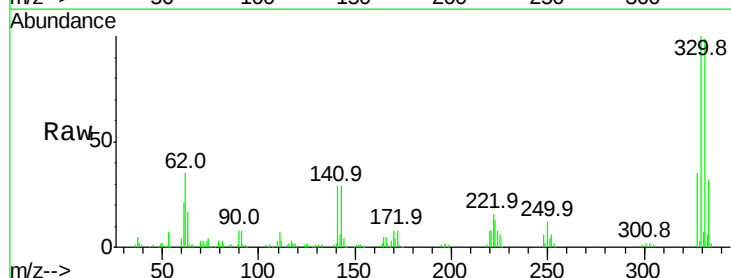
Instrument :
 BNA_F
 ClientSampleId :

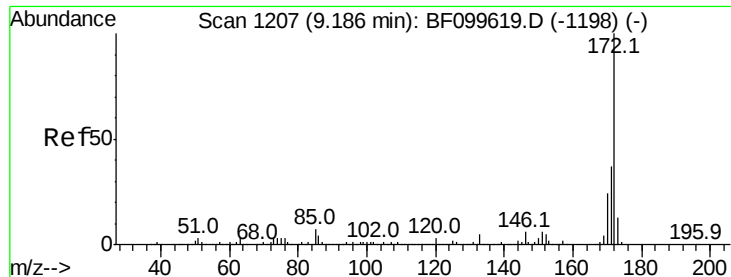
Tot Ion:164 Resp: 110784
 Ion Ratio Lower Upper
 164 100
 162 108.3 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 146.956 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:330 Resp: 133218
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 36.7 29.9 44.9

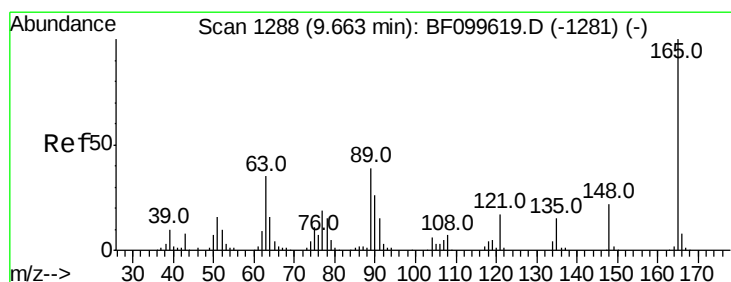
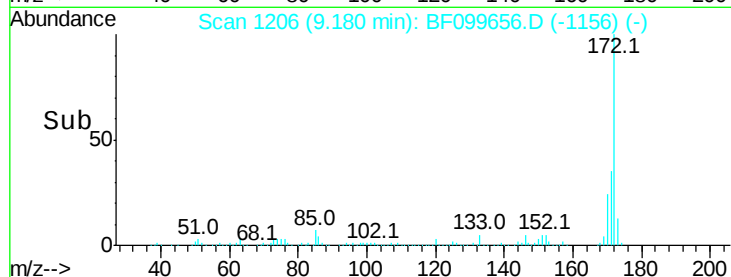
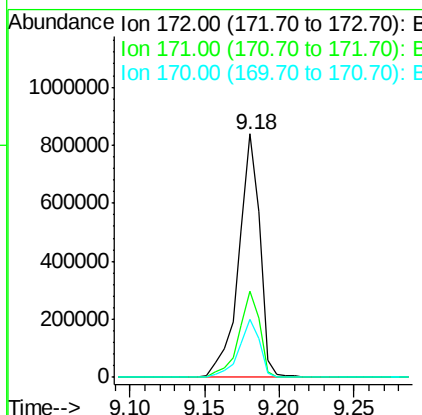
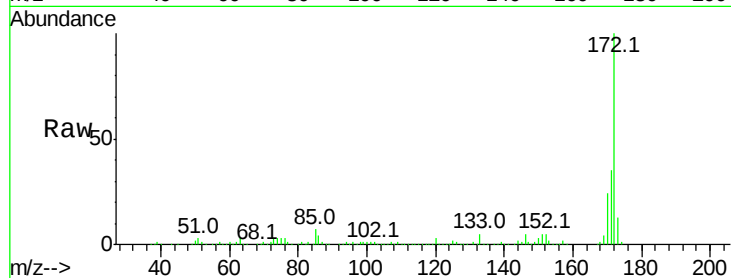




#44
 2-Fluorobiphenyl
 Concen: 124.799 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

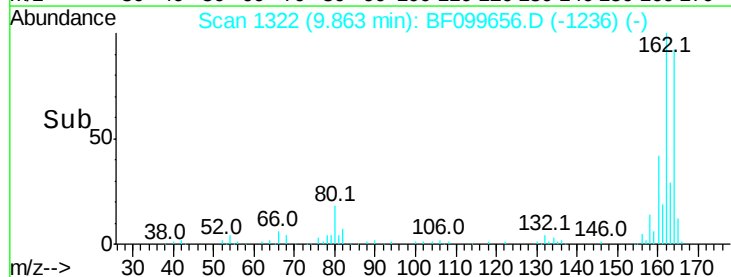
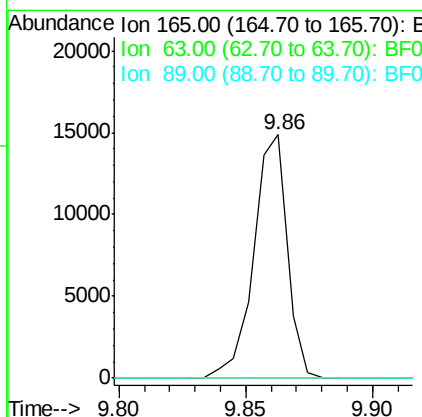
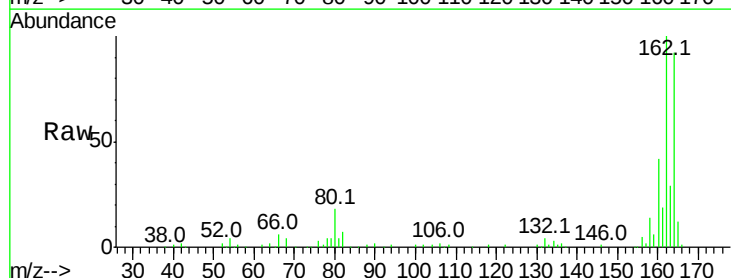
Instrument :
 BNA_F
 ClientSampleId :

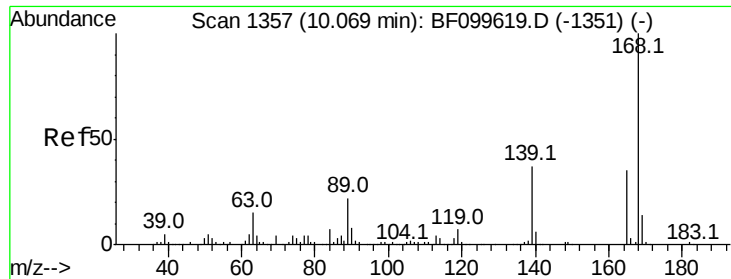
Tot Ion:172 Resp: 828175
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.7 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.560 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:165 Resp: 13762
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

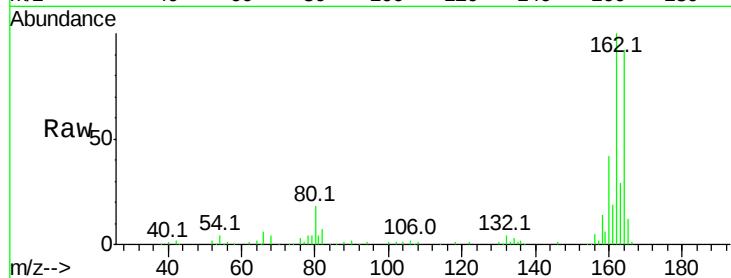




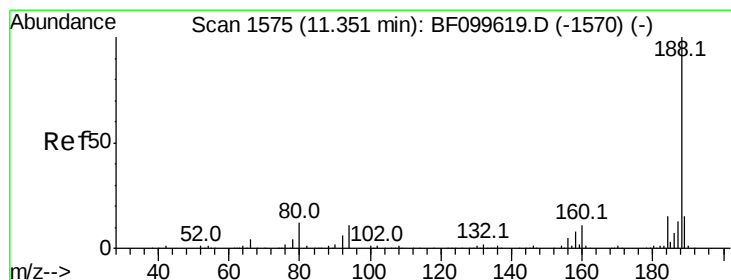
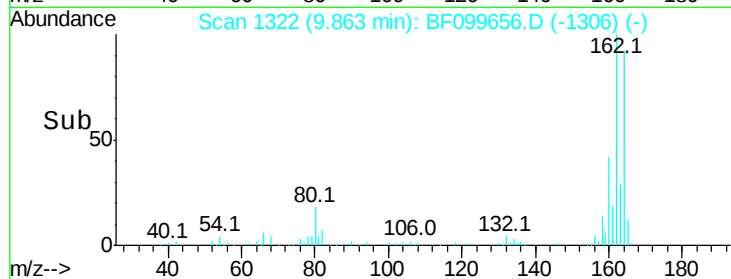
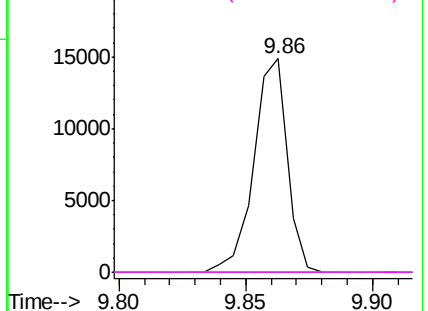
#56
 2,4-Dinitrotoluene
 Concen: 5.825 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 13762
 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#

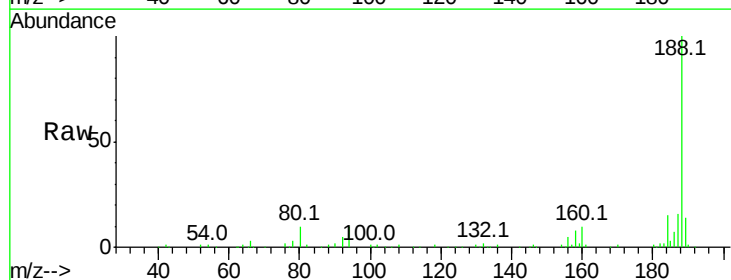


Abundance Ion 165.00 (164.70 to 165.70): E

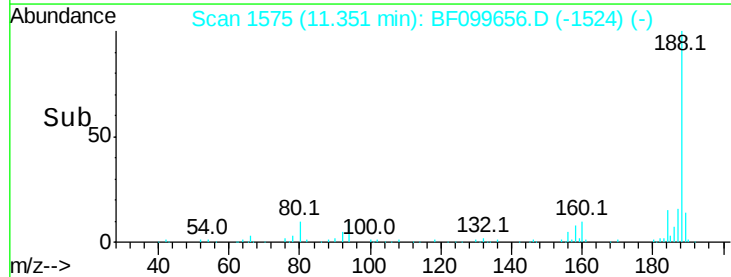
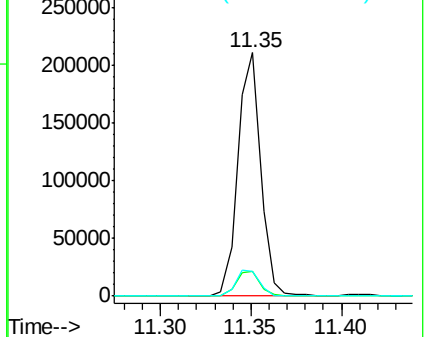


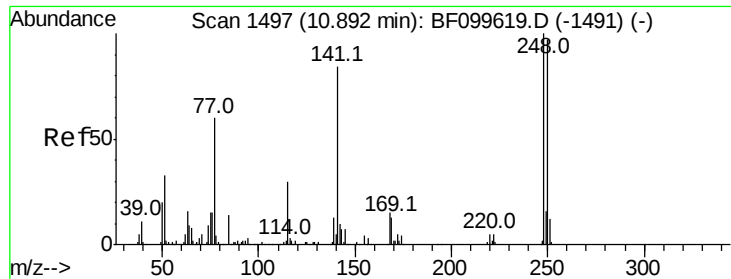
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:188 Resp: 185317
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

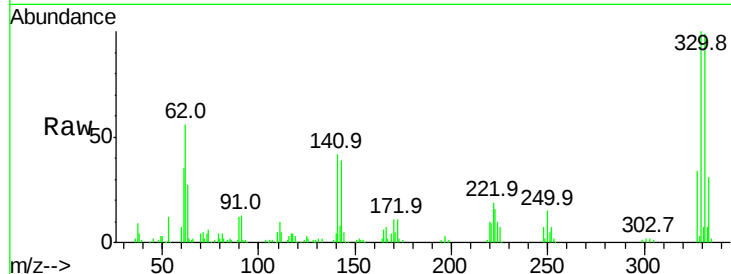




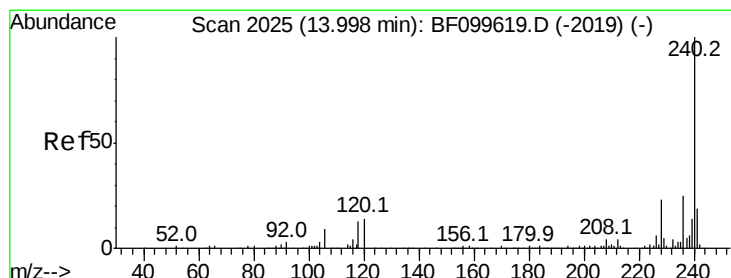
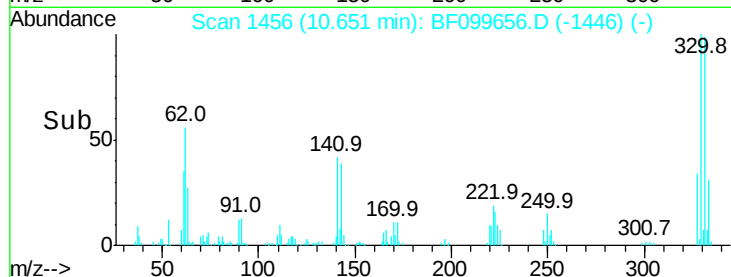
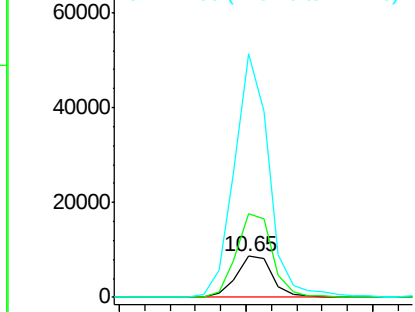
#66
 4-Bromophenyl-phenylether
 Concen: 4.755 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8626
 Ion Ratio Lower Upper
 248 100
 250 203.6 76.9 115.3#
 141 591.0 74.4 111.6#

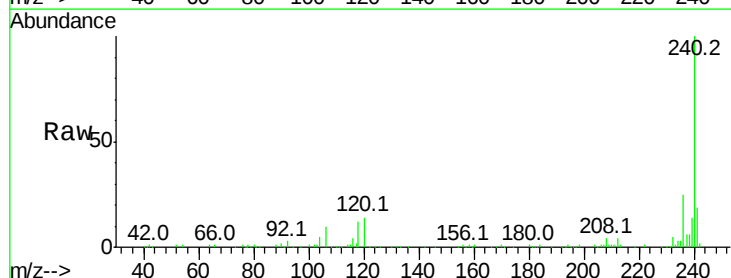


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

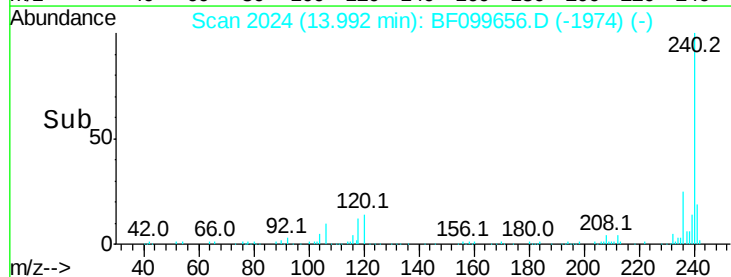
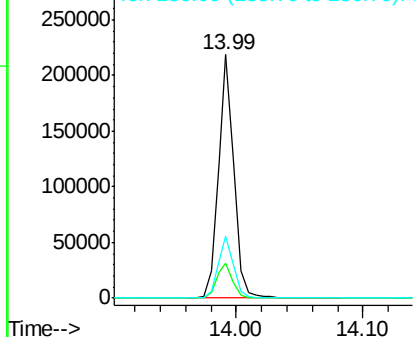


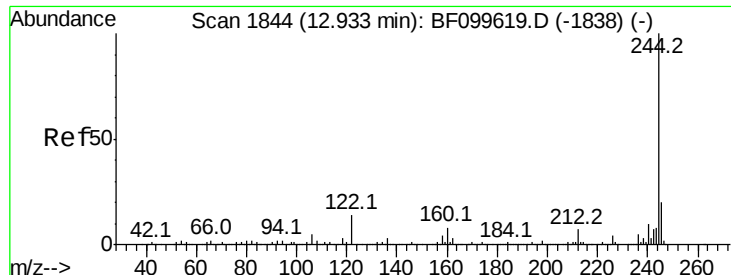
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099656.D
 Acq: 19 Oct 2017 10:06

Tgt Ion:240 Resp: 186816
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.3 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: 83.030 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

Instrument :

BNA_F

ClientSampleId :

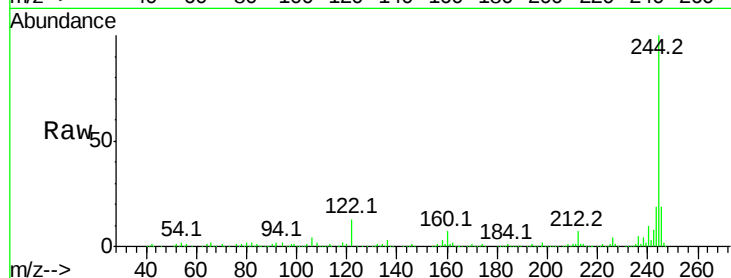
Tot Ion:244 Resp: 682058

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

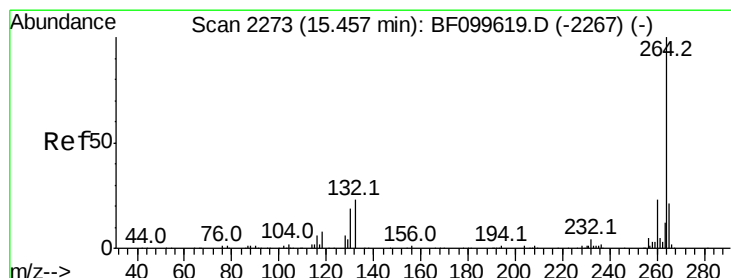
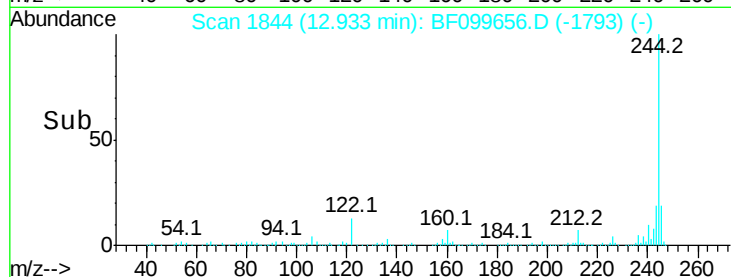
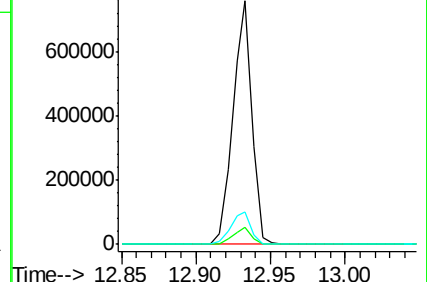
122 13.4 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099656.D

Acq: 19 Oct 2017 10:06

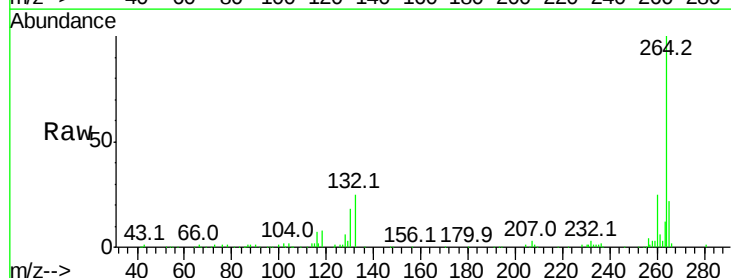
Tgt Ion:264 Resp: 151849

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.1 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

