

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099916.D
 Acq On : 28 Oct 2017 14:44
 Operator : SJ/JU
 Sample : I6071-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:56:43 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

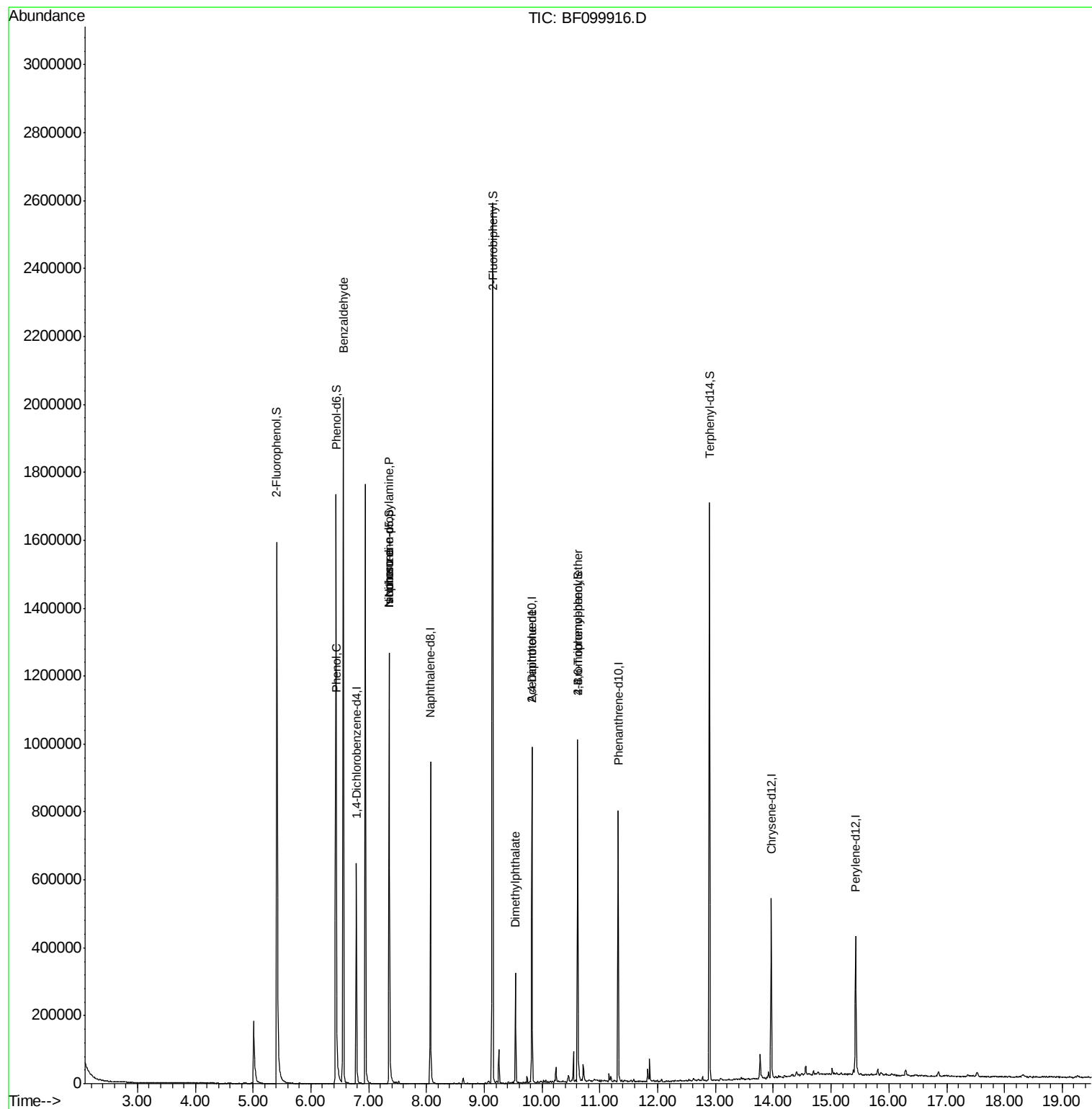
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	108949	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	442549	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	190462	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	287722	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	177217	20.00	ng	-0.03
86) Perylene-d12	15.43	264	194255	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	615045	88.63	ng	0.00
7) Phenol-d6	6.43	99	735470	89.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	432358	62.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	128755	74.18	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	886928	71.85	ng	-0.01
78) Terphenyl-d14	12.90	244	544586	67.16	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	11537	2.346	ng	86
10) Phenol	6.45	94	19520	2.161	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	53230	11.039	ng	# 72
25) Isophorone	7.36	82	432358	34.663	ng	# 64
49) Dimethylphthalate	9.54	163	133201	8.831	ng	100
56) 2,4-Dinitrotoluene	9.82	165	24589	6.439	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	7903	2.609	ng	# 1

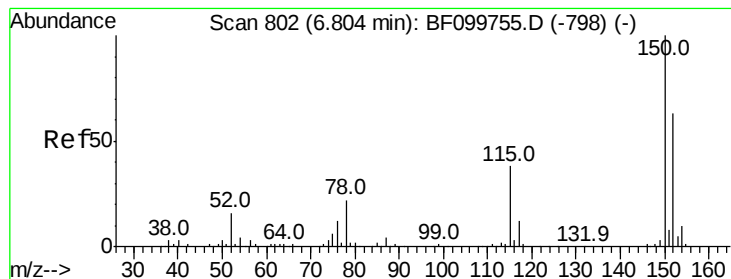
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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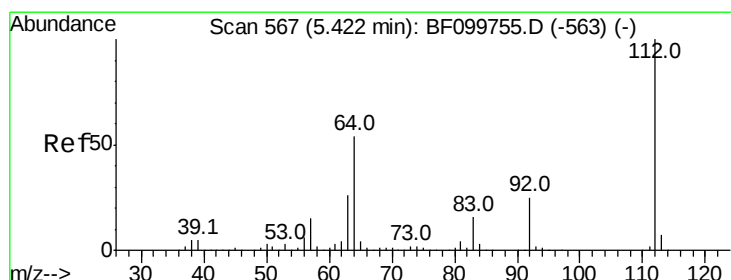
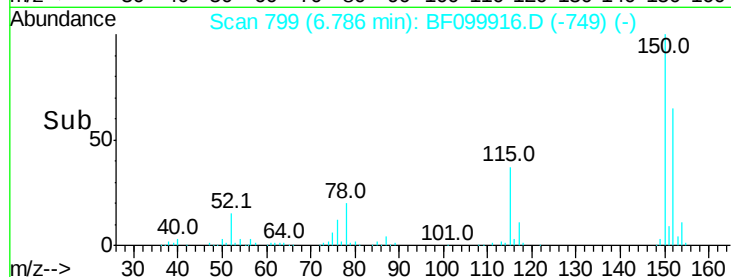
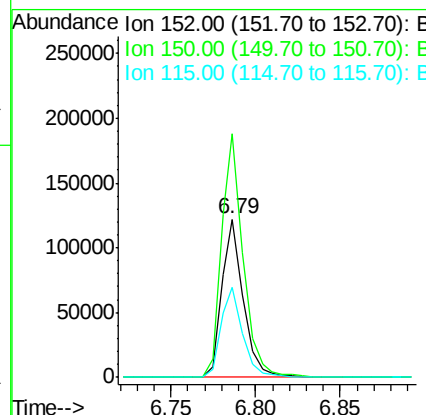
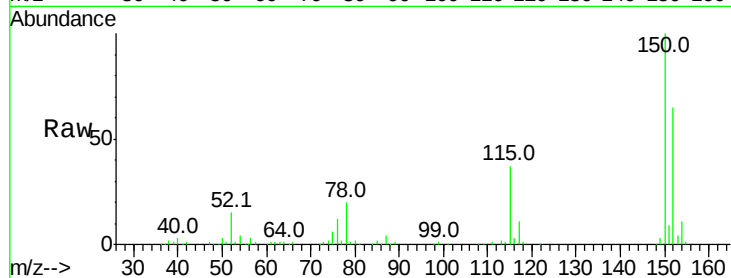


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :

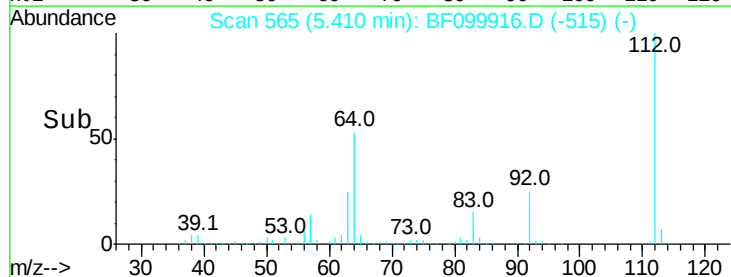
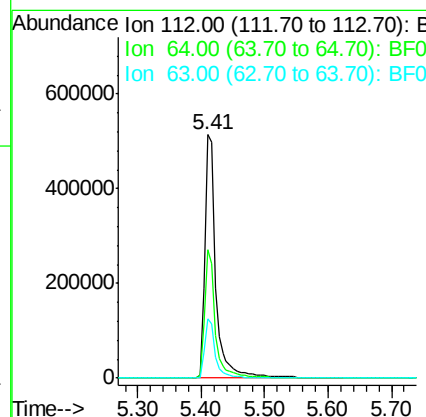
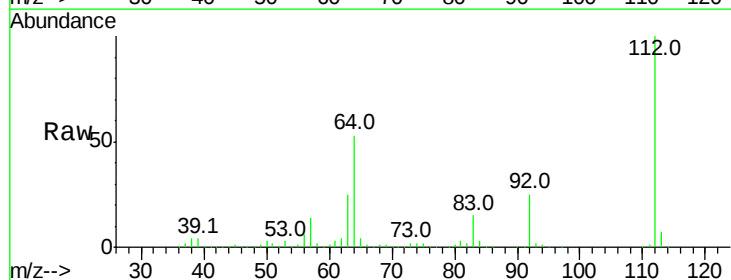
Tot Ion:152 Resp: 108949
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 56.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 88.629 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Tgt Ion:112 Resp: 615045
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 24.6 23.7 35.5





#7

Phenol-d6

Concen: 89.382 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

Instrument :

BNA_F

ClientSampleId :

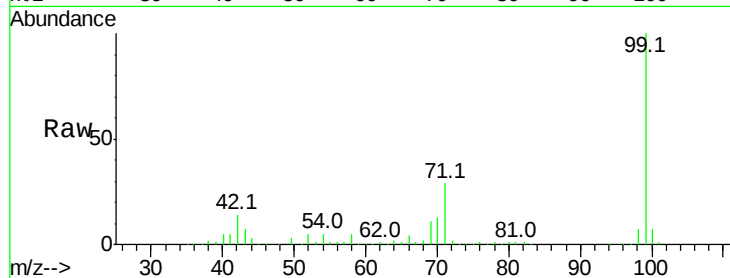
Tot Ion: 99 Resp: 735470

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

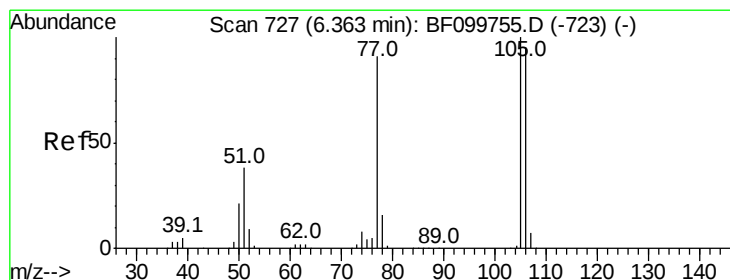
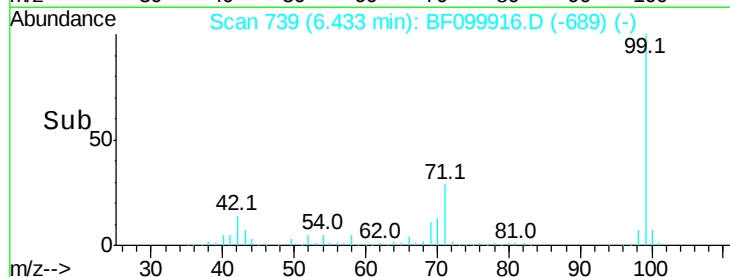
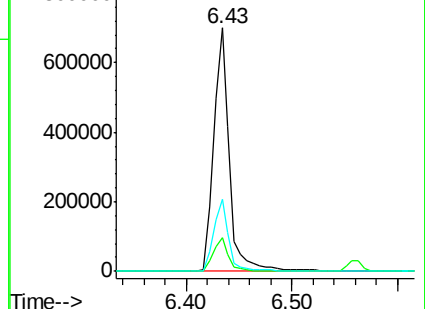
71 29.5 25.4 38.0



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: 2.346 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

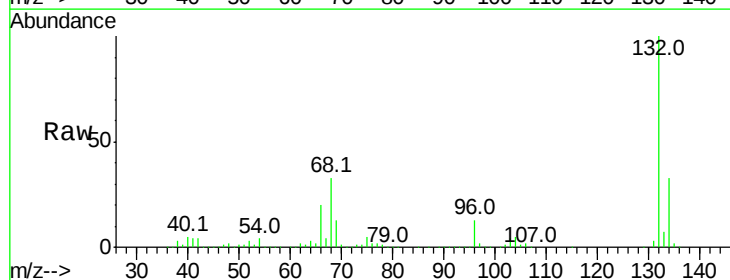
Tgt Ion: 77 Resp: 11537

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

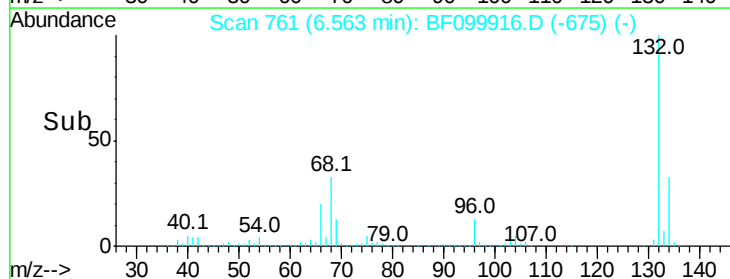
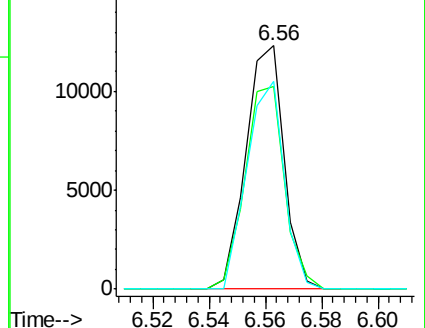
106 85.4 74.5 114.5

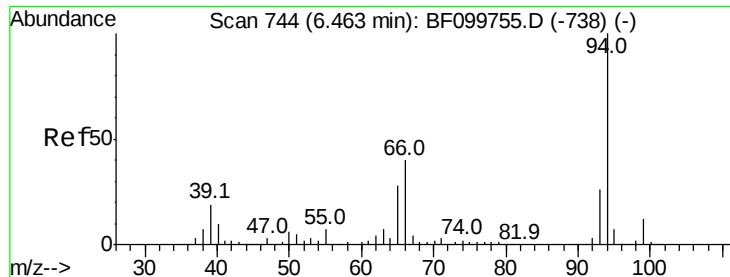


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.161 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

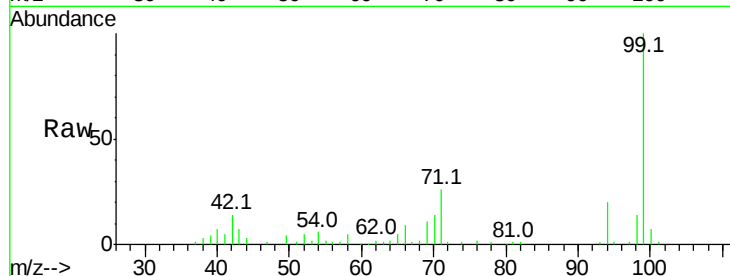
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 19520

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	47.6	16.2	56.2

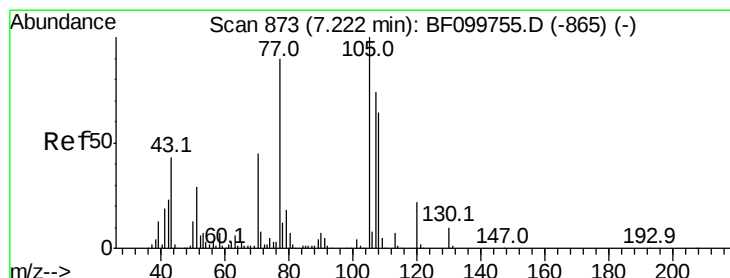
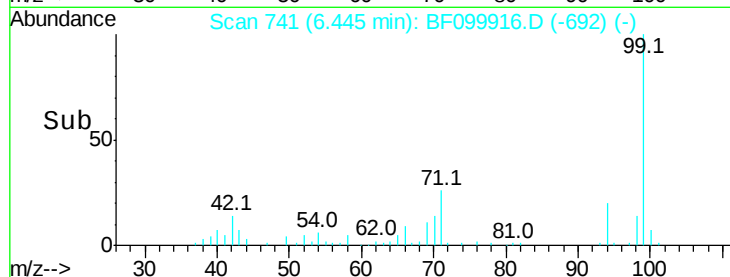
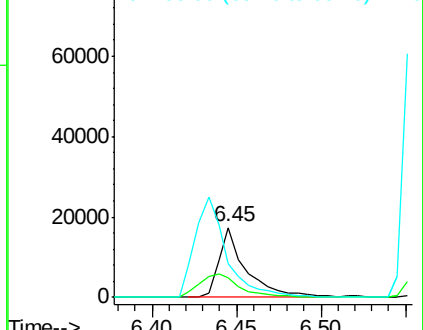


Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.039 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

Tgt Ion: 70 Resp: 53230

Ion	Ratio	Lower	Upper
70	100		
42	40.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#

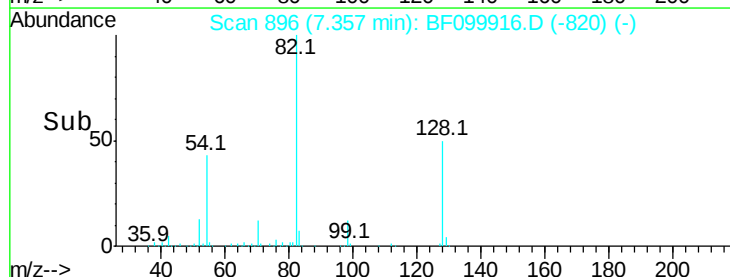
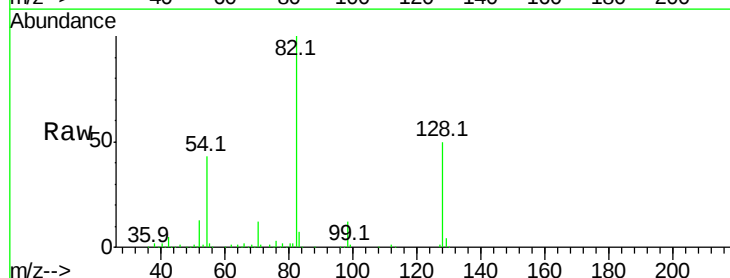
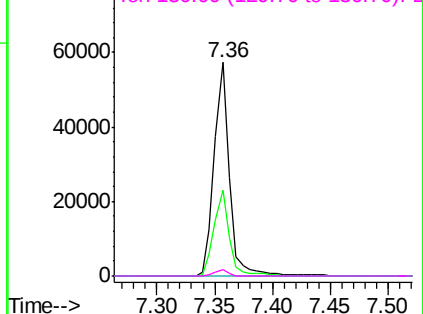
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

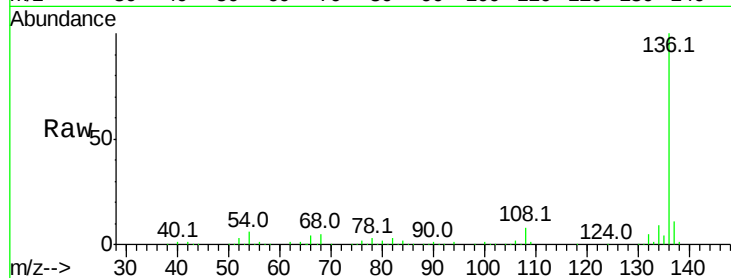




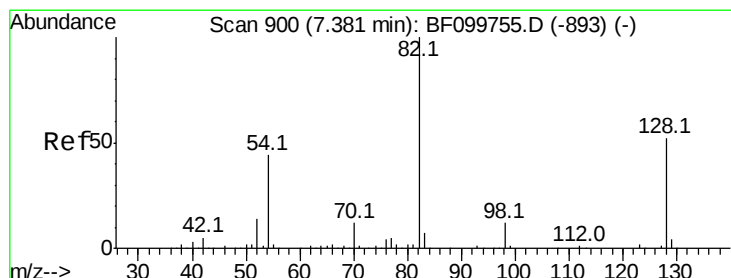
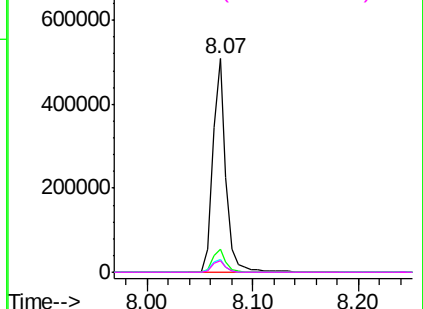
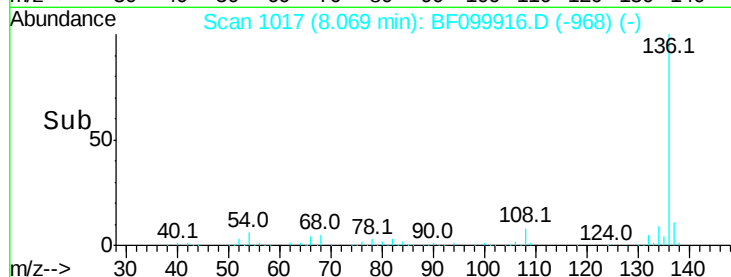
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	442549
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4

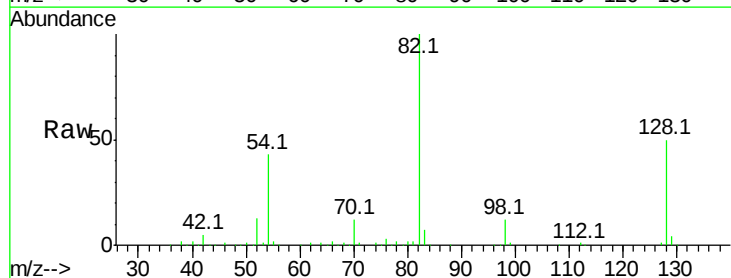


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

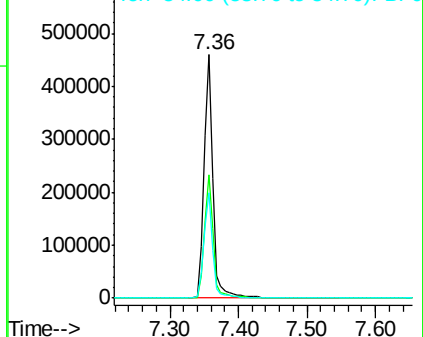
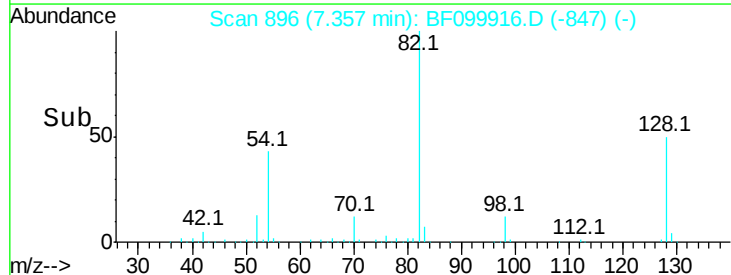


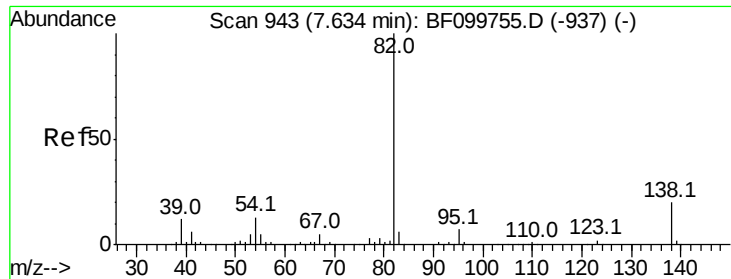
#23
Nitrobenzene-d5
Concen: 62.898 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Tgt Ion:	82	Resp:	432358
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.663 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

Instrument :

BNA_F

ClientSampleId :

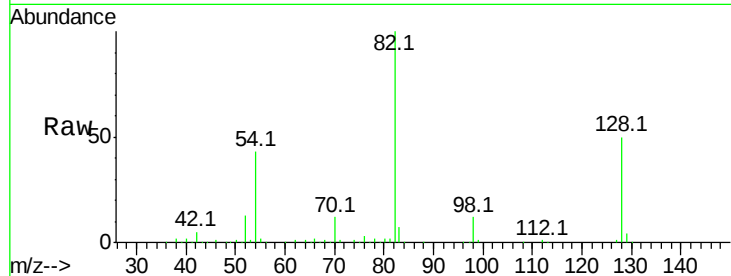
Tot Ion: 82 Resp: 432358

Ion Ratio Lower Upper

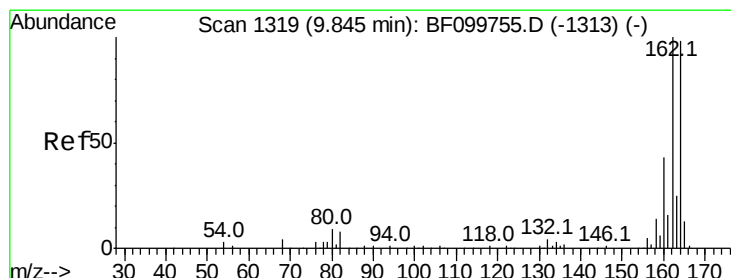
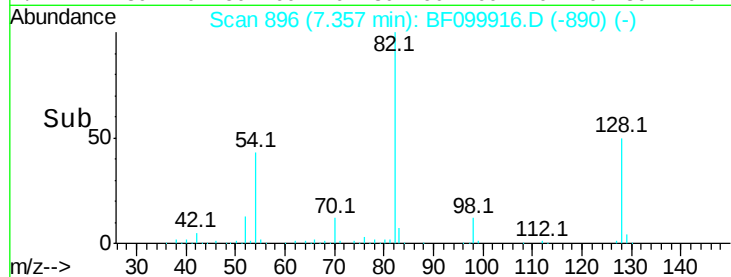
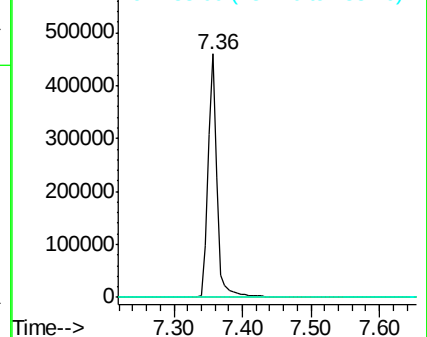
82 100

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: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099916.D

Acq: 28 Oct 2017 14:44

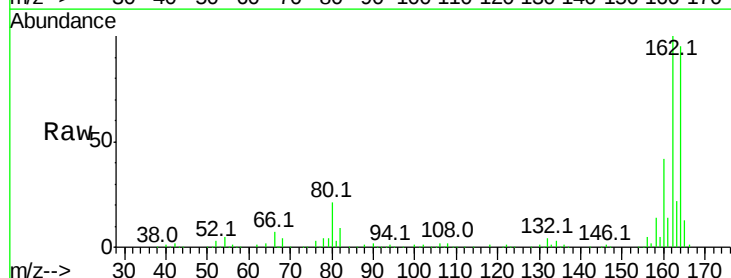
Tgt Ion:164 Resp: 190462

Ion Ratio Lower Upper

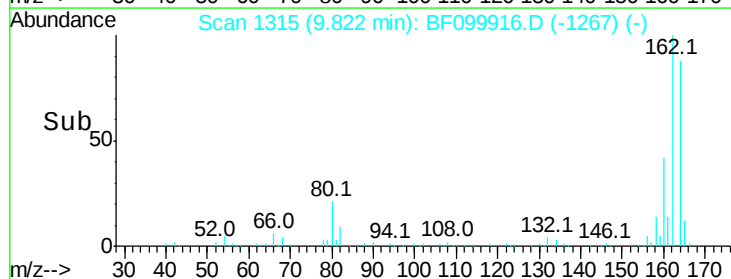
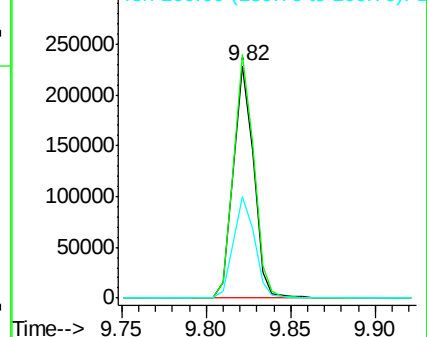
164 100

162 104.9 86.1 129.1

160 43.7 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

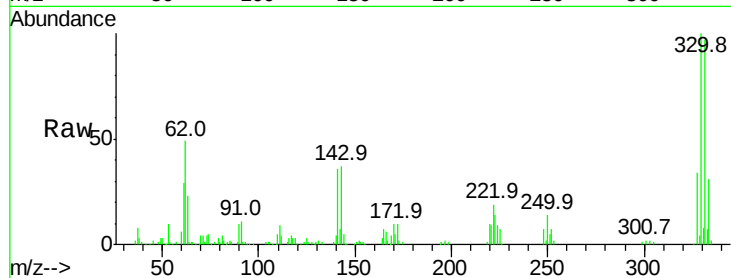




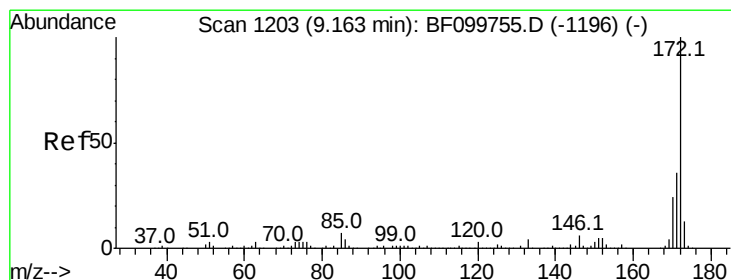
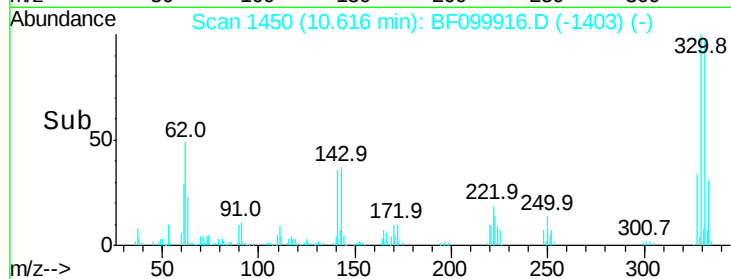
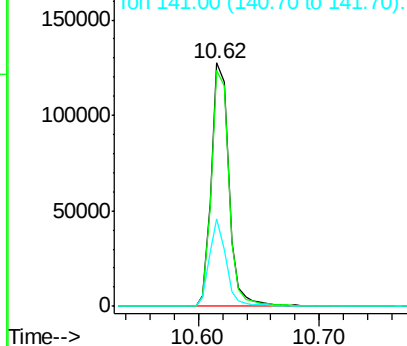
#41
 2,4,6-Tribromophenol
 Concen: 74.180 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 128755
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 34.1 29.9 44.9

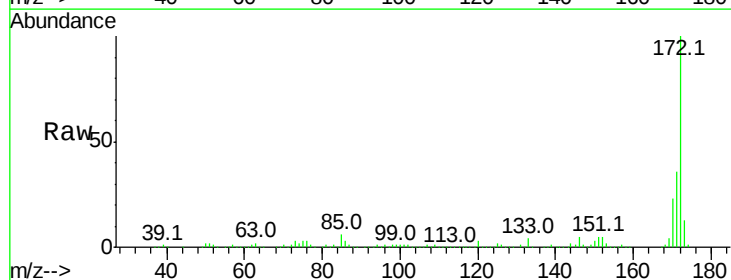


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

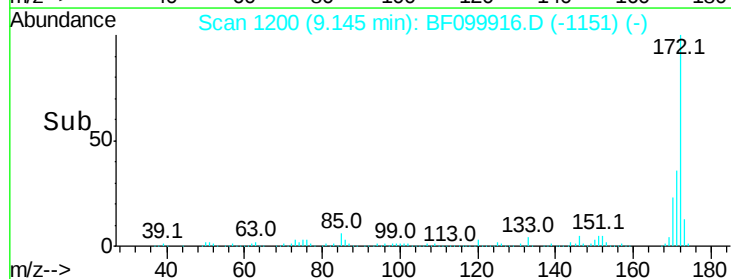
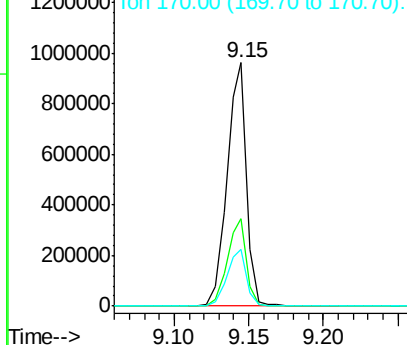


#44
 2-Fluorobiphenyl
 Concen: 71.846 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Tgt Ion:172 Resp: 886928
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.4 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

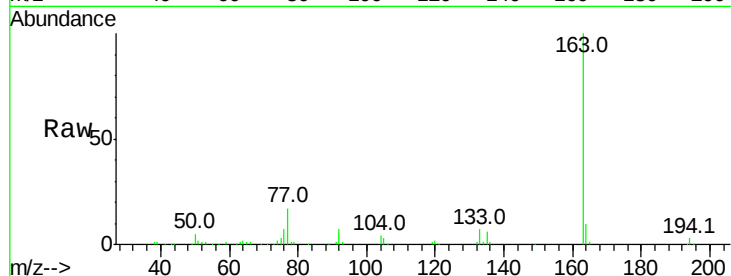




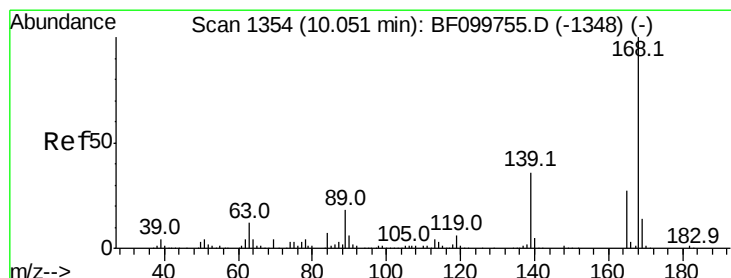
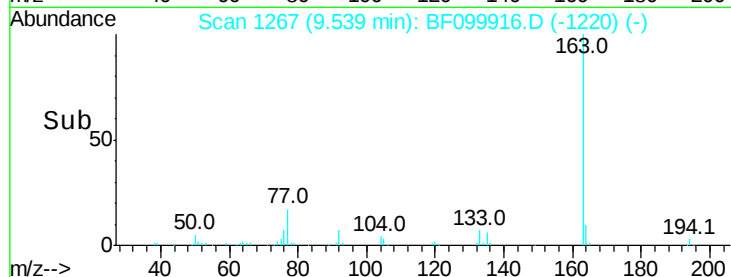
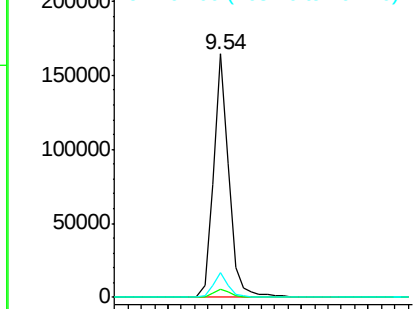
#49
Dimethylphthalate
Concen: 8.831 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 133201
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2

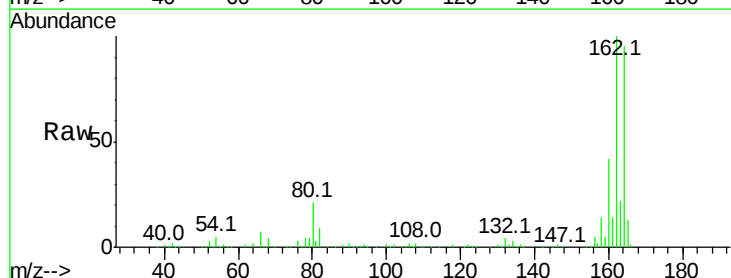


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

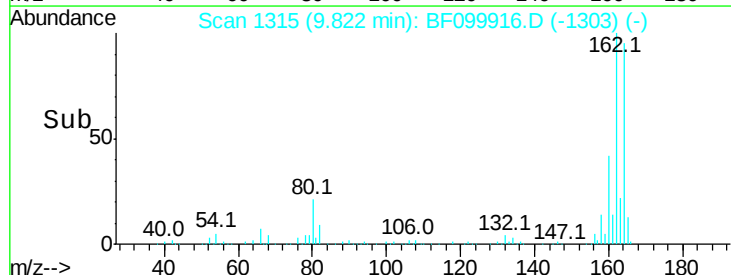
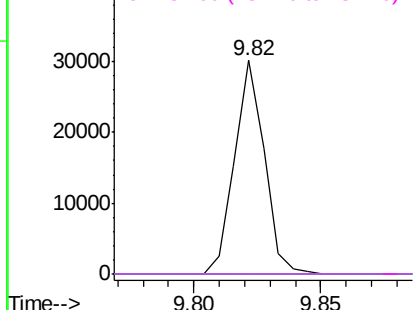


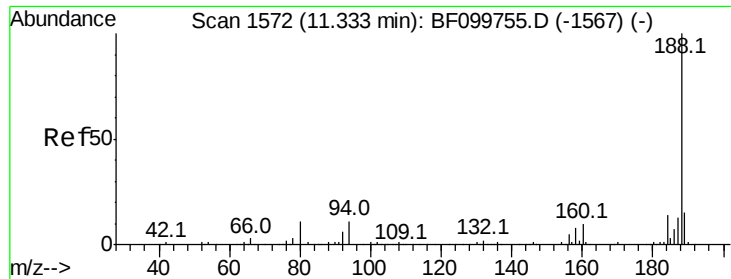
#56
2,4-Dinitrotoluene
Concen: 6.439 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Tgt Ion:165 Resp: 24589
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

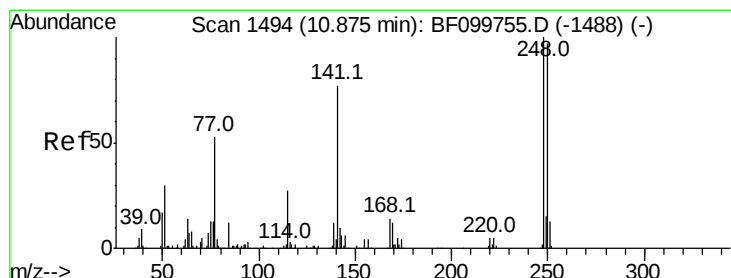
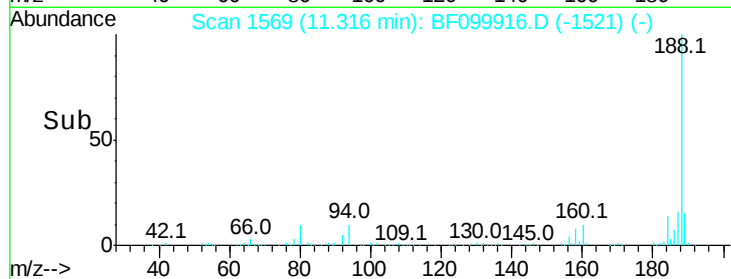
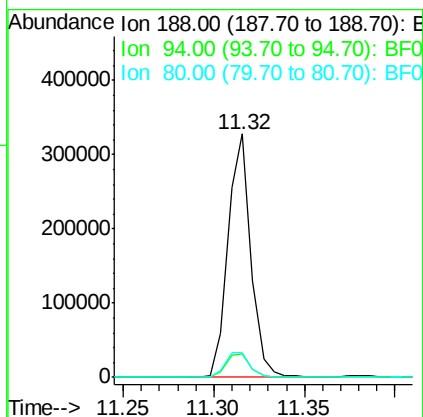
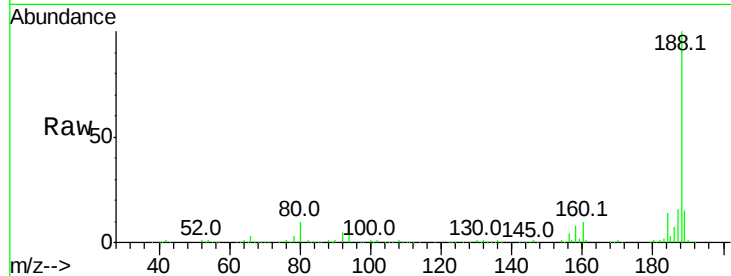




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

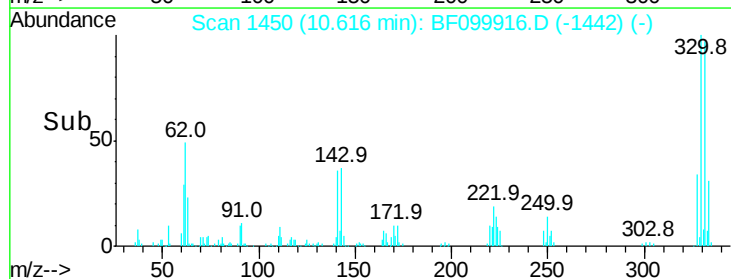
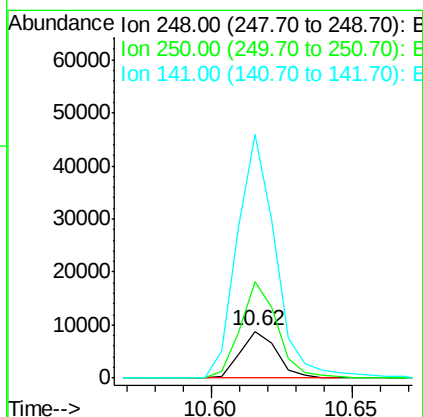
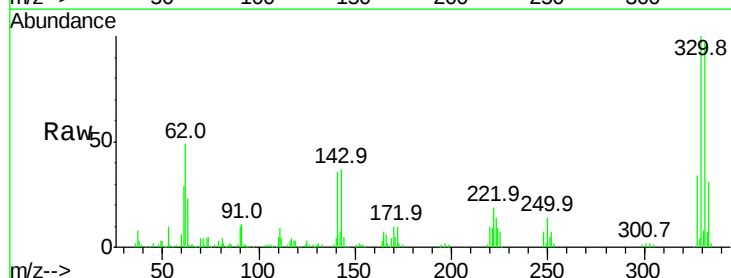
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 287722
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.609 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Tgt Ion:248 Resp: 7903
 Ion Ratio Lower Upper
 248 100
 250 207.9 76.9 115.3#
 141 523.4 74.4 111.6#

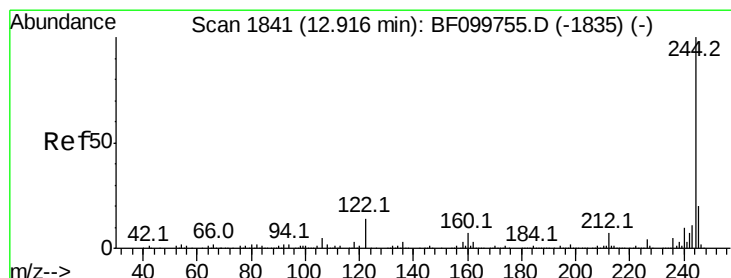
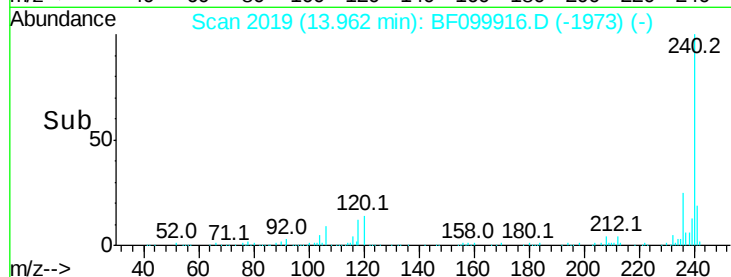
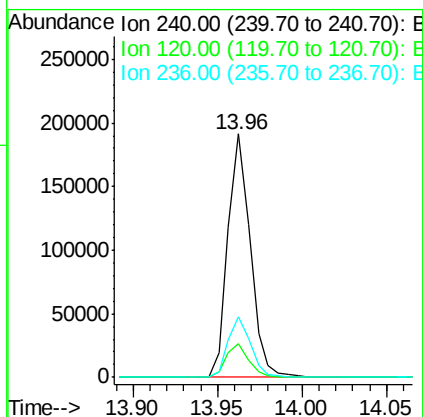
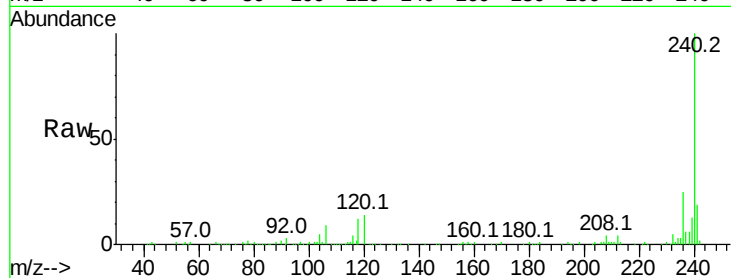




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

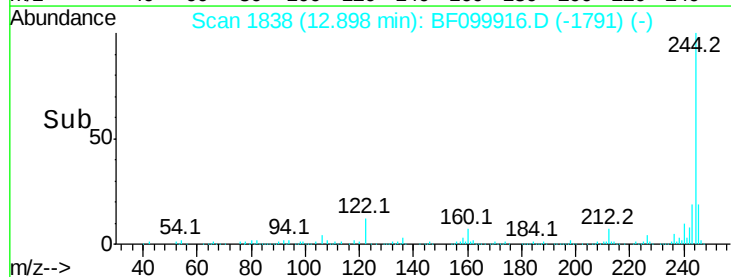
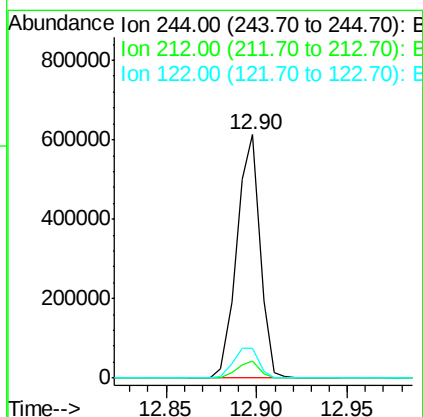
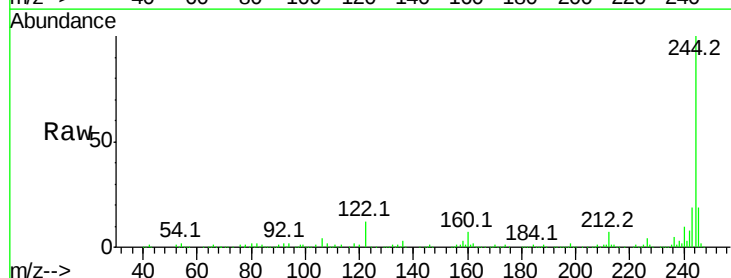
Instrument :
 BNA_F
 ClientSampleId :

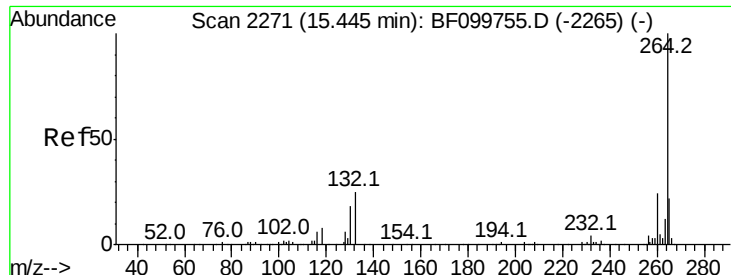
Tot Ion:240 Resp: 177217
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 67.156 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF099916.D
 Acq: 28 Oct 2017 14:44

Tgt Ion:244 Resp: 544586
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.2 11.0 16.4

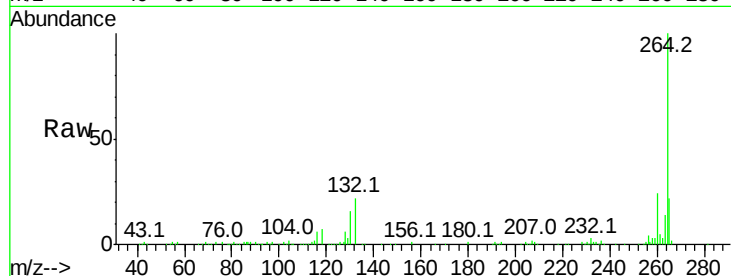




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099916.D
Acq: 28 Oct 2017 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	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

