

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099842.D
 Acq On : 26 Oct 2017 5:40
 Operator : SJ/JU
 Sample : I6057-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 08:51:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

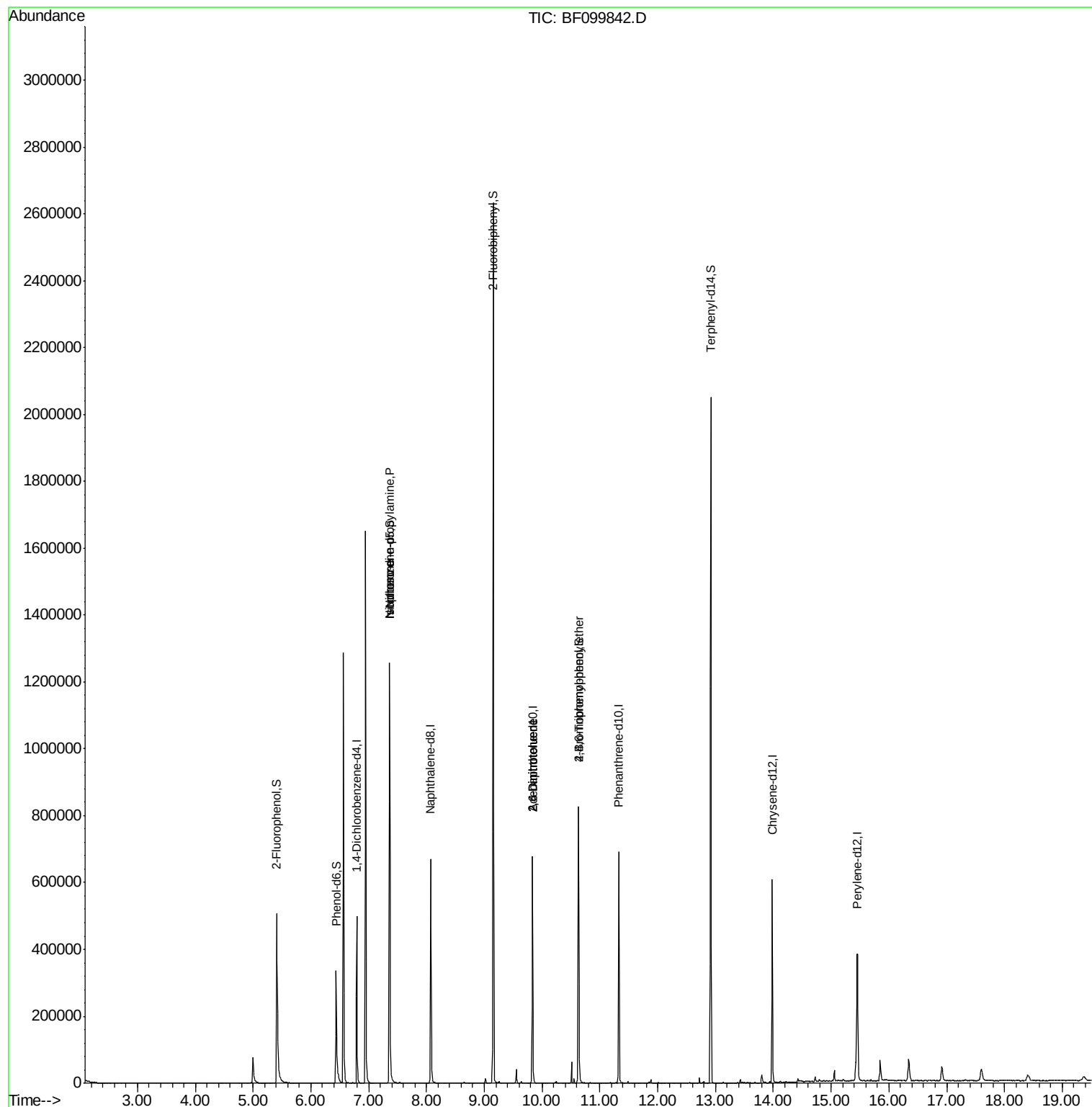
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	77481	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	312406	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	139376	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	249573	20.00	ng	0.00
75) Chrysene-d12	13.98	240	208731	20.00	ng	0.00
86) Perylene-d12	15.46	264	182924	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	214539	43.47	ng	0.00
7) Phenol-d6	6.43	99	166574	28.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	418818	86.31	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	108656	85.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	833143	92.23	ng	0.00
78) Terphenyl-d14	12.92	244	796311	83.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	51821	15.111	ng	# 72
25) Isophorone	7.36	82	418818	47.565	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	17576	7.575	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	17576	6.290	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	7241	2.756	ng	# 1

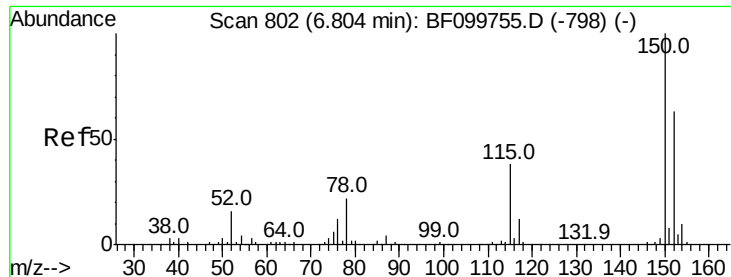
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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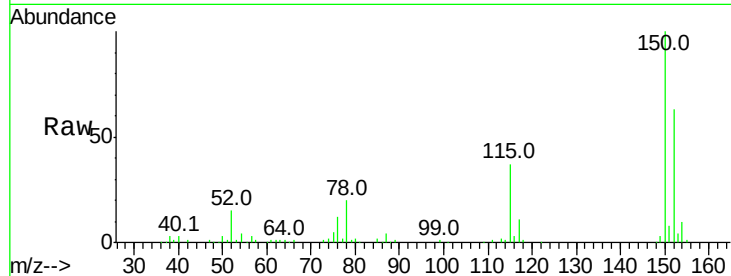


#1

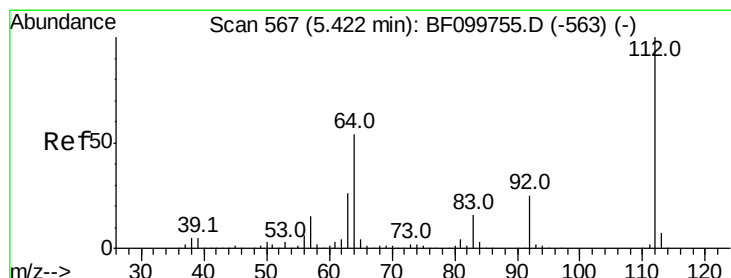
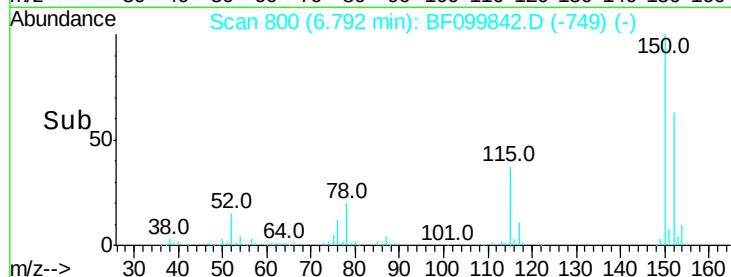
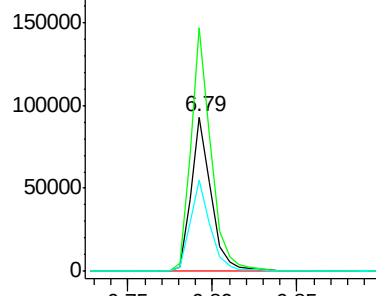
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77481
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.9 50.1 75.1



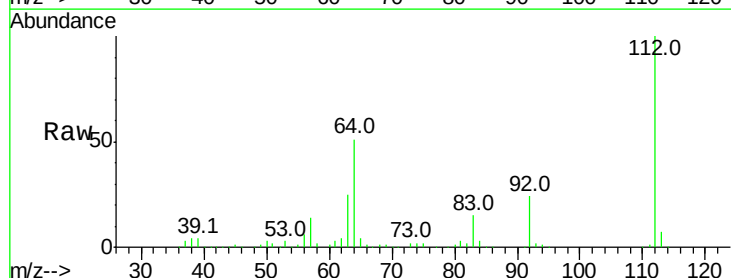
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



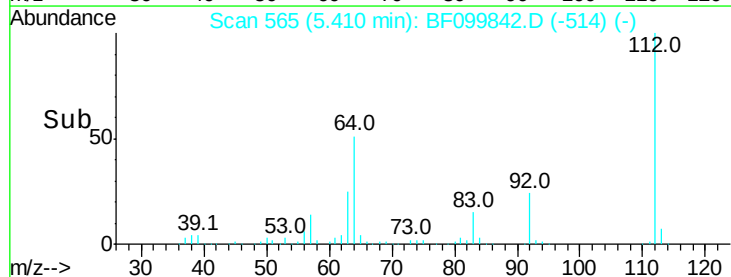
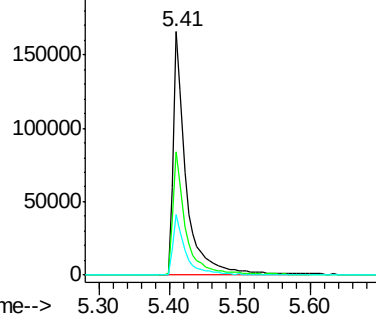
#5

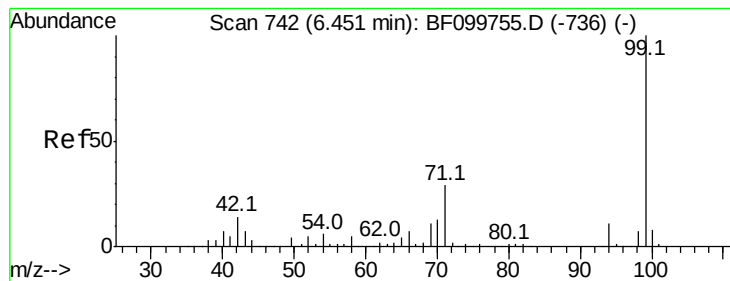
2-Fluorophenol
Concen: 43.471 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Tgt Ion:112 Resp: 214539
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.9 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: 28.466 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

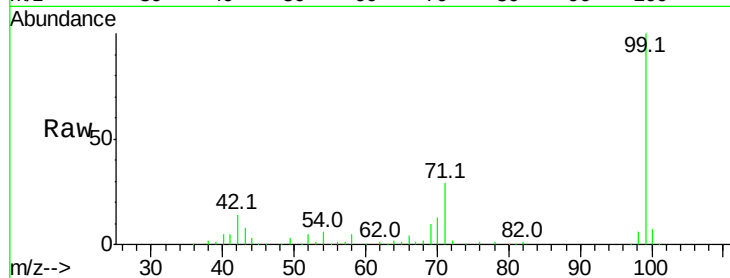
Tot Ion: 99 Resp: 166574

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

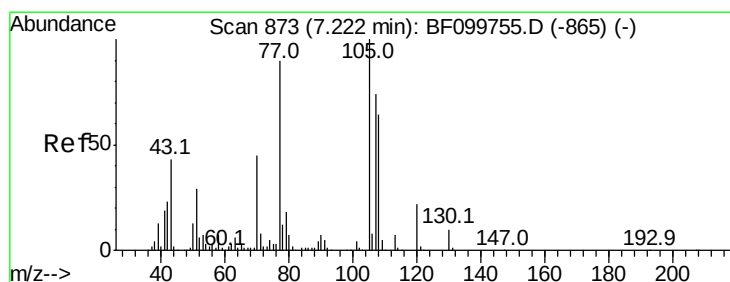
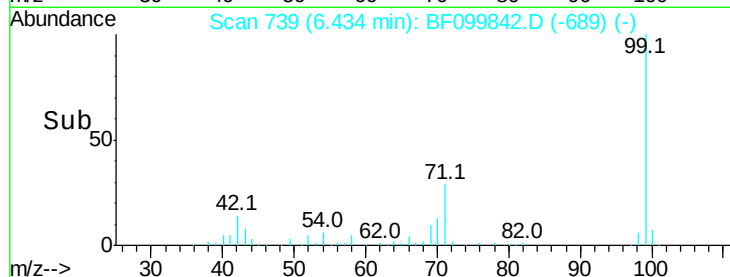
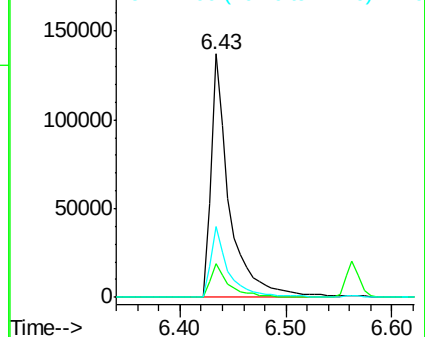
71 29.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.111 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Tgt Ion: 70 Resp: 51821

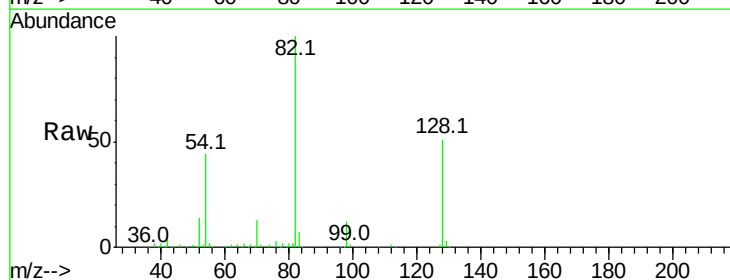
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

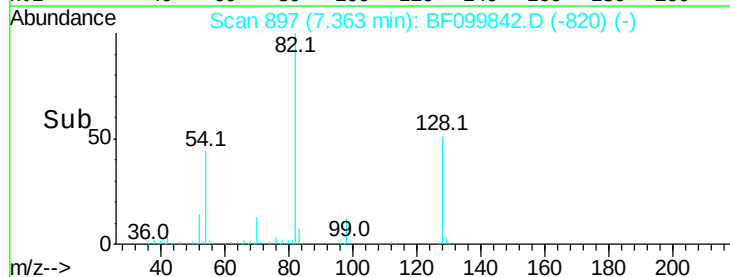
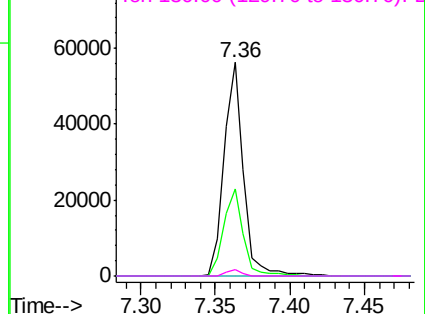


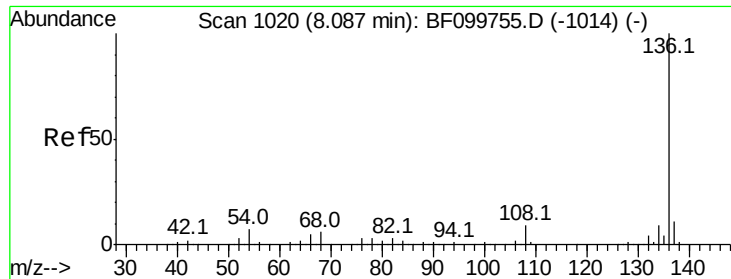
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

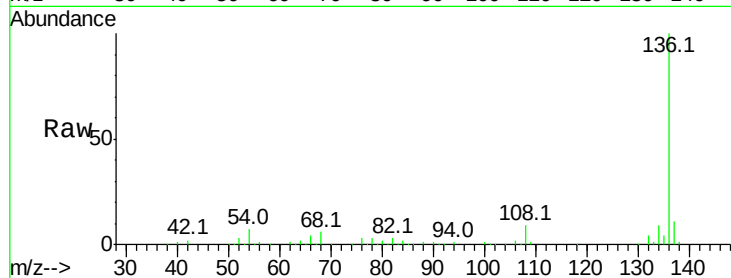




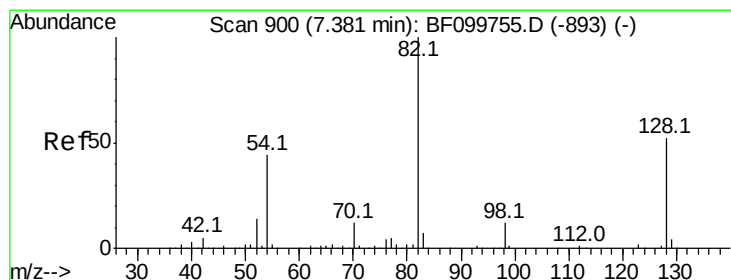
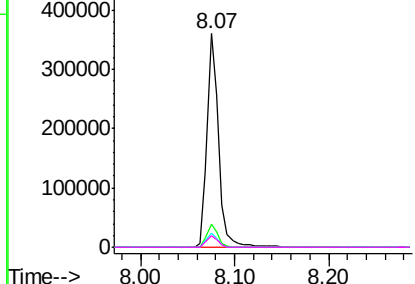
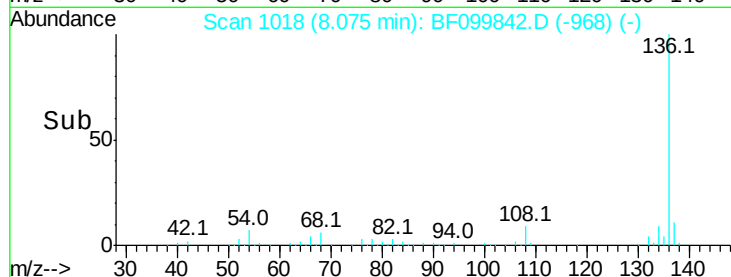
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	312406
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4

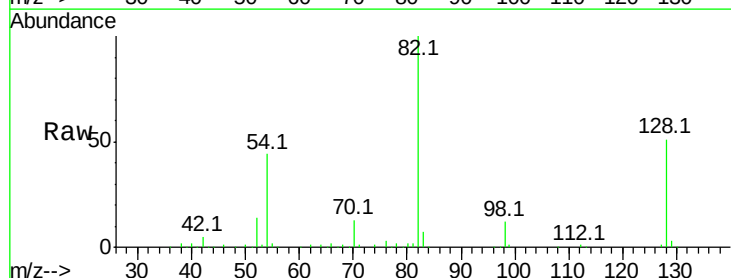


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

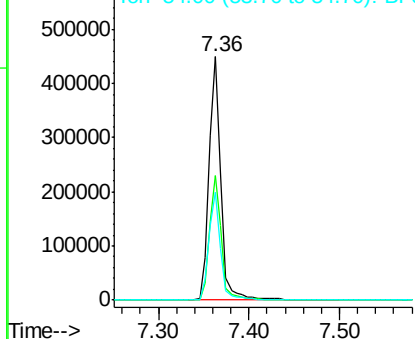
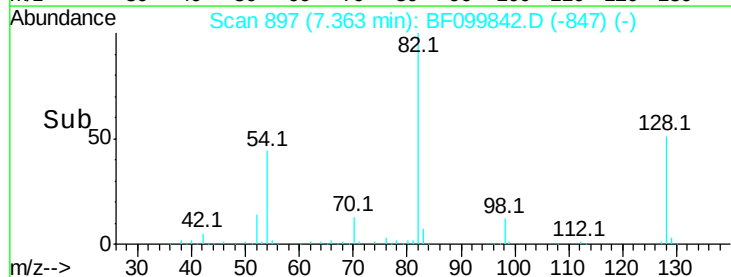


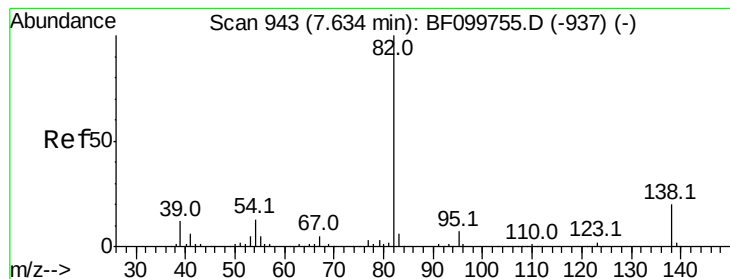
#23
Nitrobenzene-d5
Concen: 86.310 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Tgt Ion:	82	Resp:	418818
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	44.3	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: 47.565 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

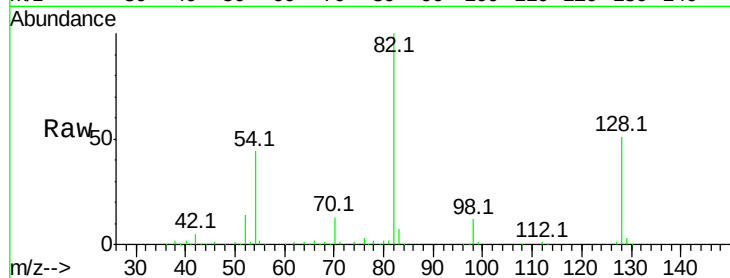
Tot Ion: 82 Resp: 418818

Ion Ratio Lower Upper

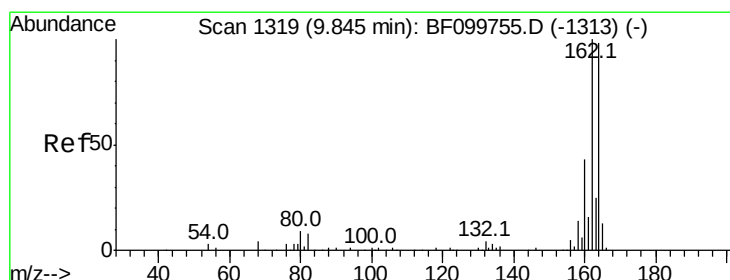
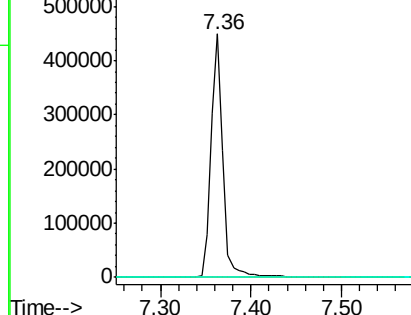
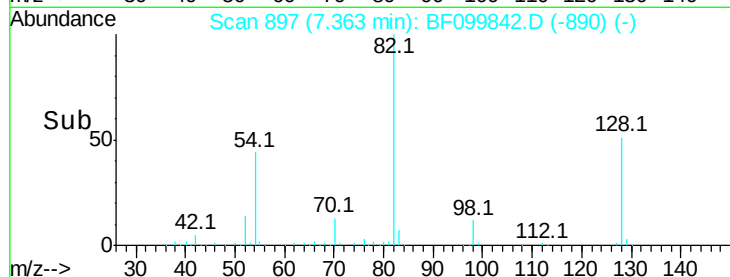
82 100

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

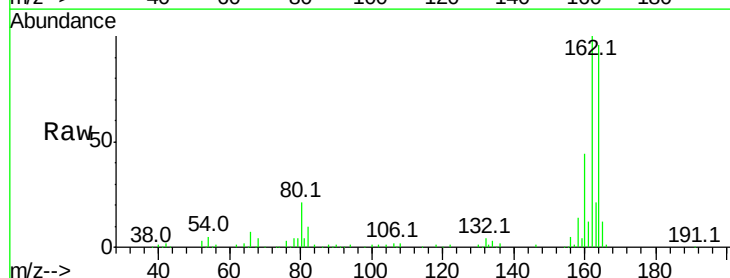
Tgt Ion:164 Resp: 139376

Ion Ratio Lower Upper

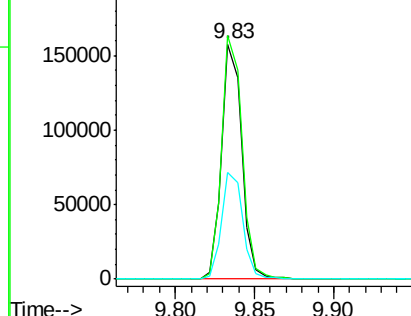
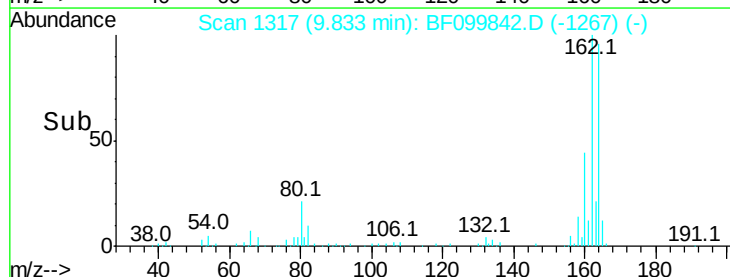
164 100

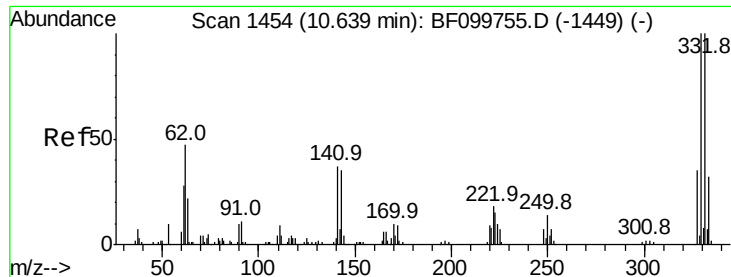
162 103.7 86.1 129.1

160 45.2 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

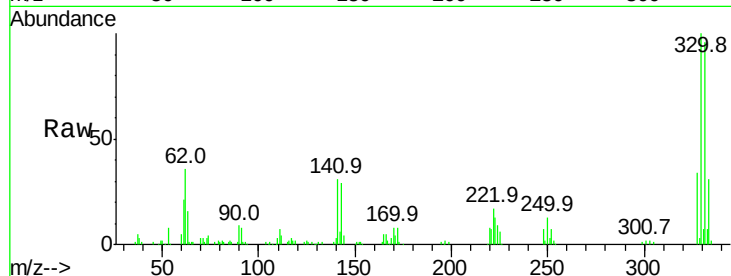




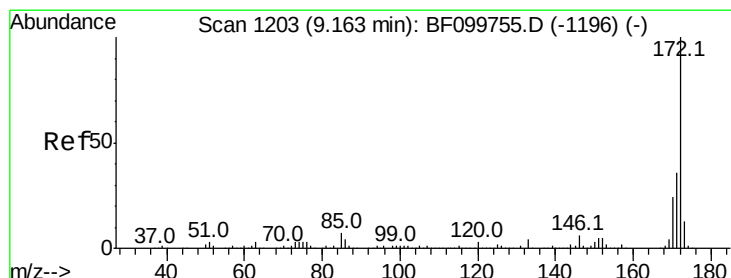
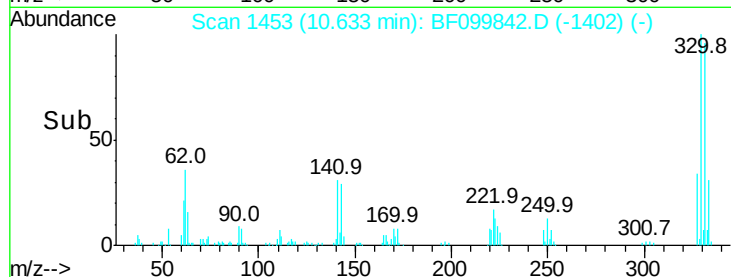
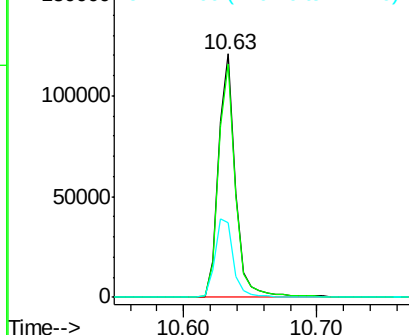
#41
 2,4,6-Tribromophenol
 Concen: 85.545 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.4	29.9	44.9

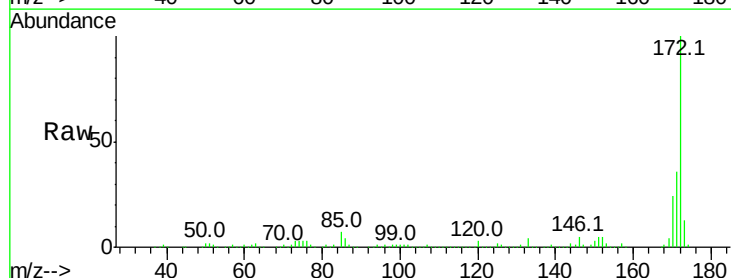


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

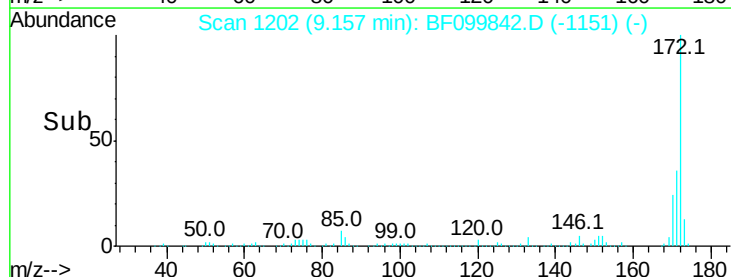
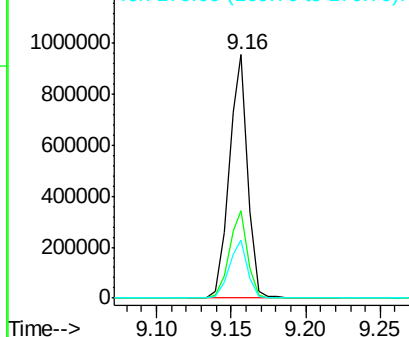


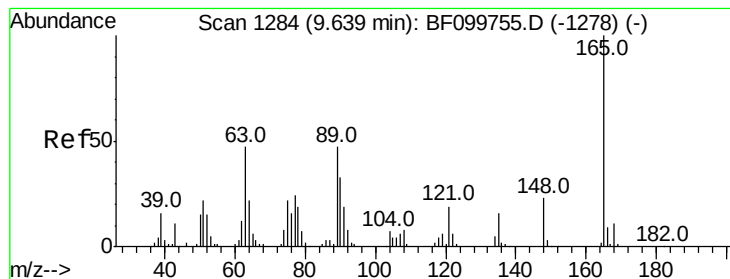
#44
 2-Fluorobiphenyl
 Concen: 92.226 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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: 7.575 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Instrument :

BNA_F

ClientSampled :

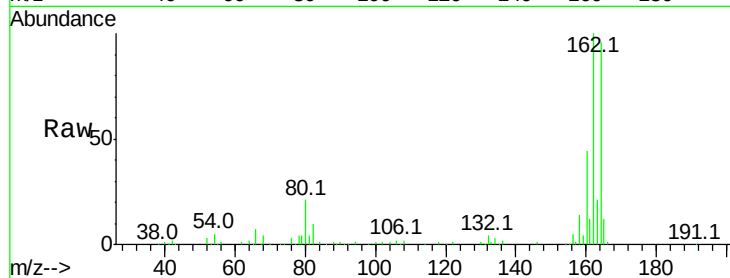
Tot Ion:165 Resp: 17576

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

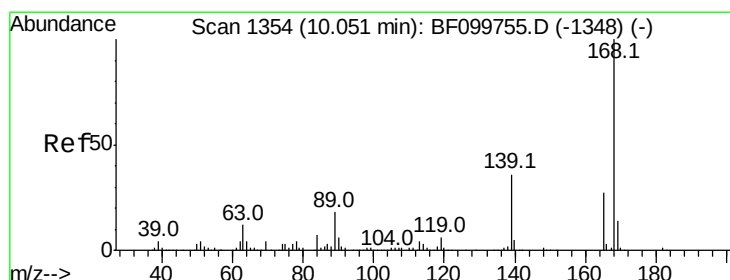
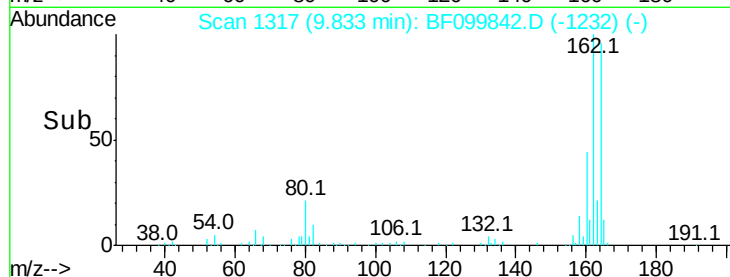
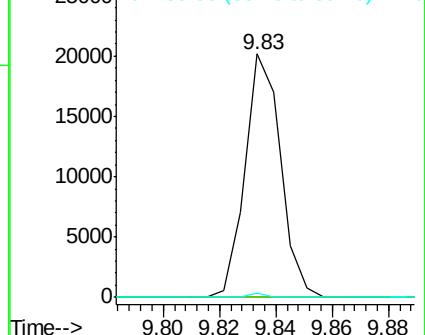
89 1.6 44.0 66.0#



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: 6.290 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.21 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Tgt Ion:165 Resp: 17576

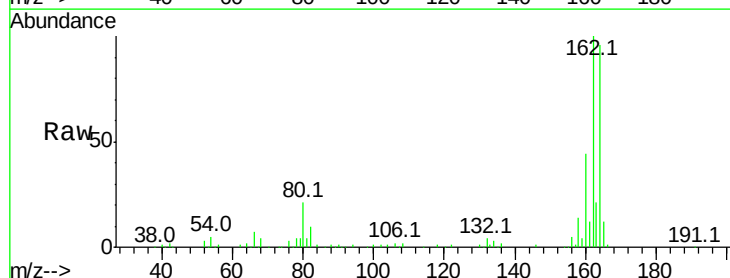
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

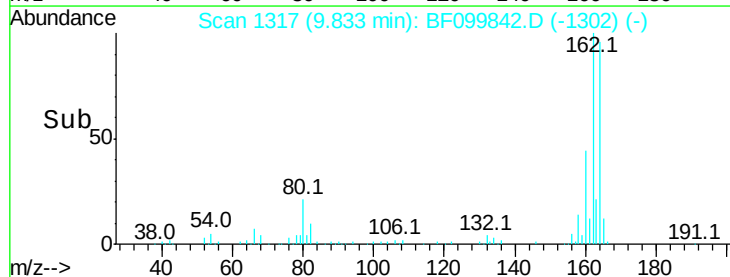
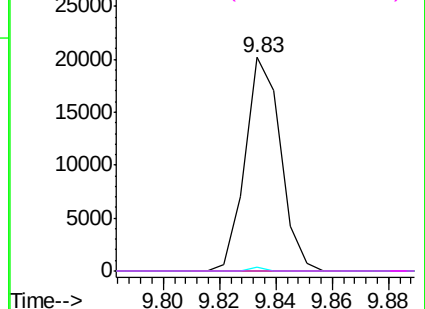


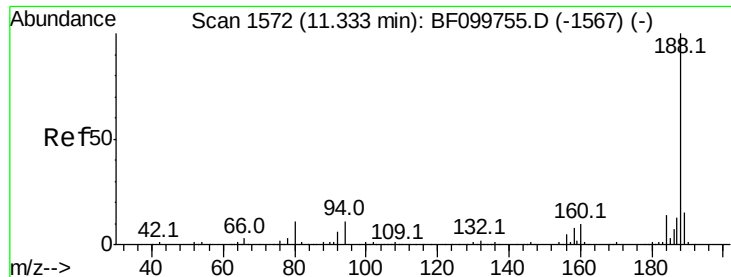
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

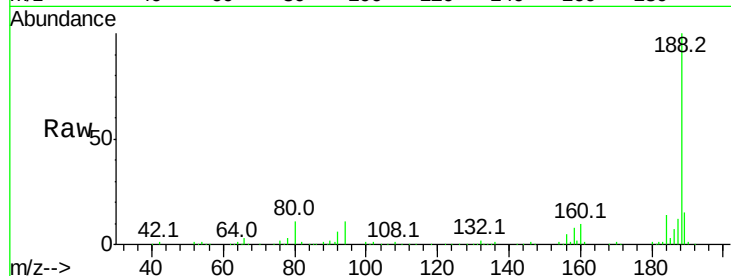
Tot Ion:188 Resp: 249573

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

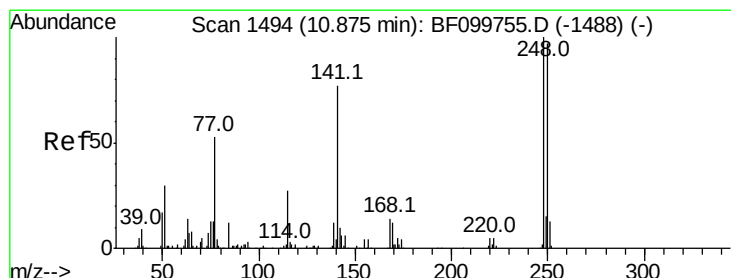
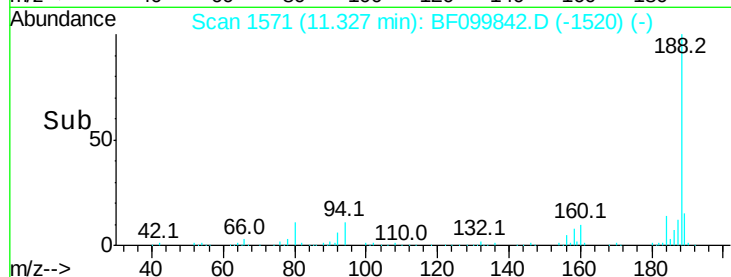
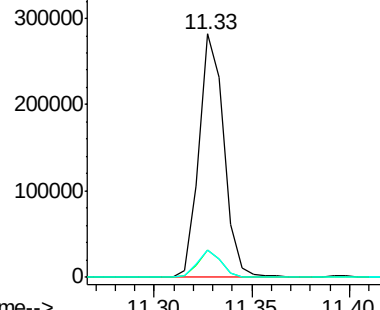
80 11.4 9.2 13.8



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: 2.756 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

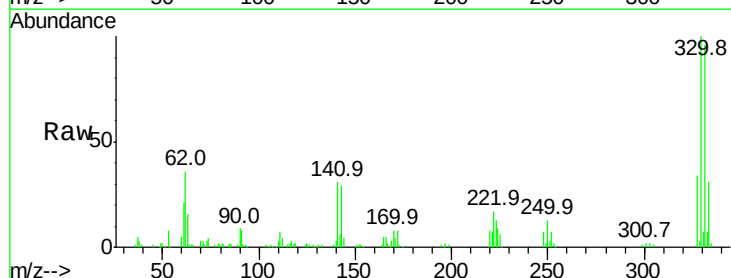
Tgt Ion:248 Resp: 7241

Ion Ratio Lower Upper

248 100

250 195.4 76.9 115.3#

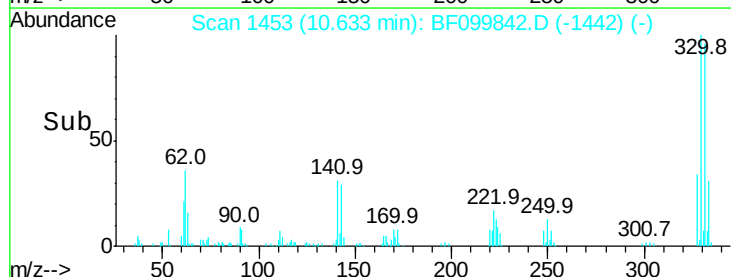
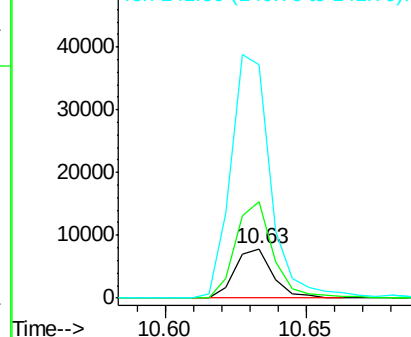
141 474.1 74.4 111.6#

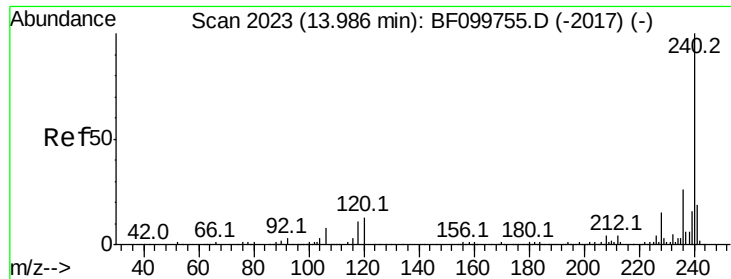


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

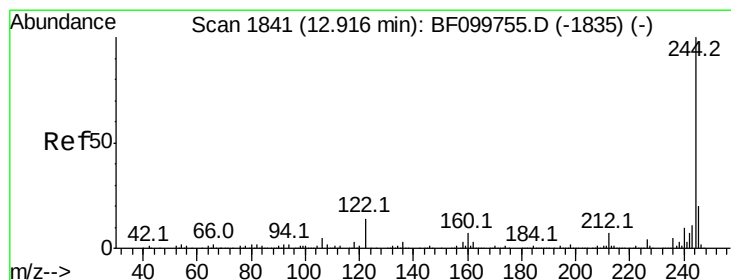
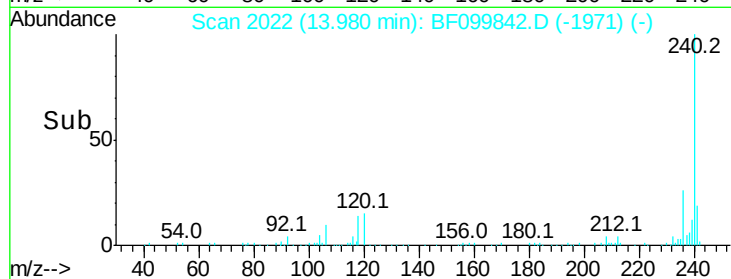
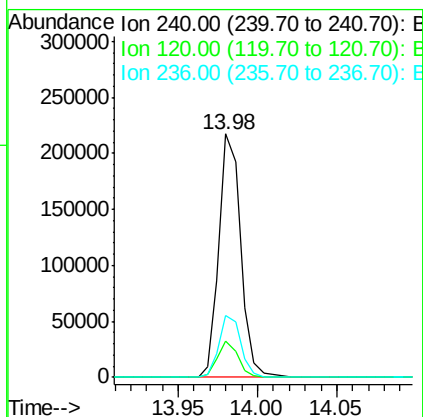
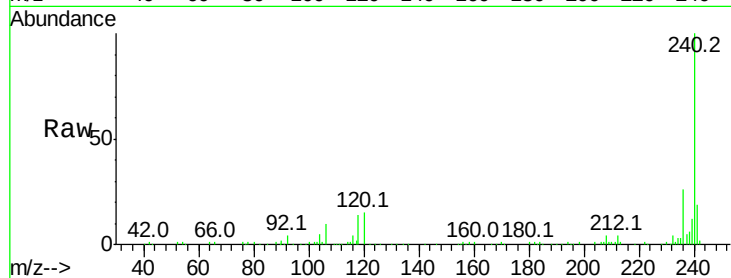




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

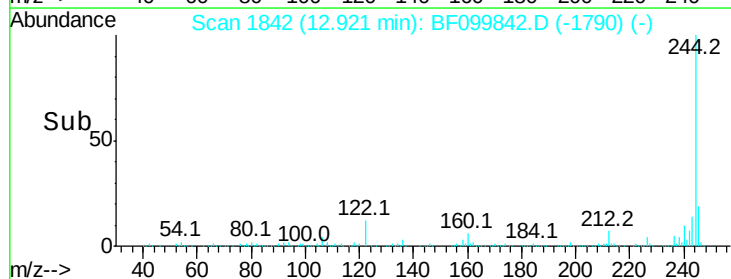
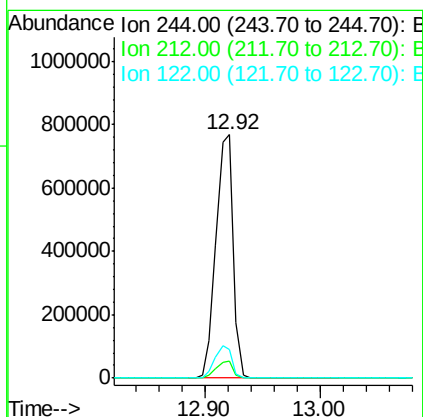
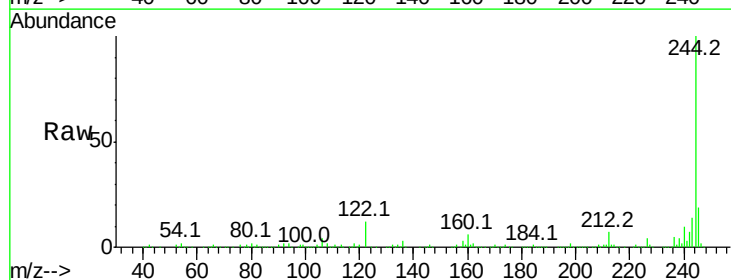
Instrument :
 BNA_F
 ClientSampleID :

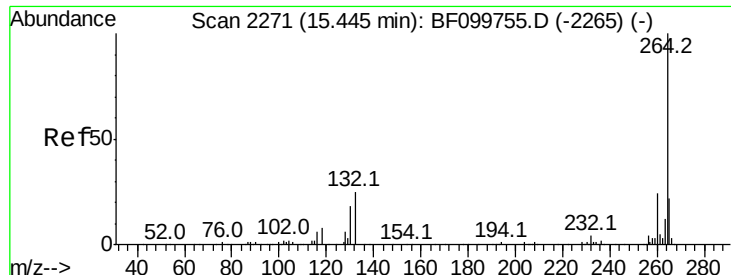
Tot Ion:240 Resp: 208731
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 83.372 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Tgt Ion:244 Resp: 796311
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4

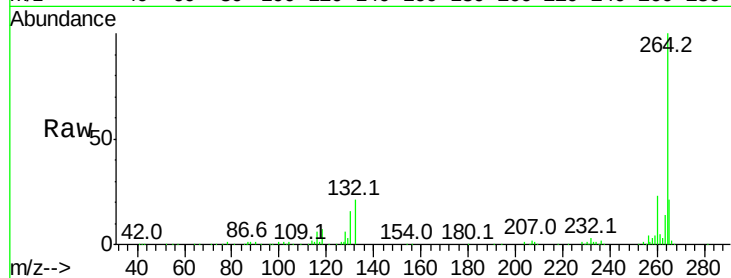




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	182924
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.6	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

