

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099344.D
 Acq On : 11 Oct 2017 14:17
 Operator : SJ/JU
 Sample : I5748-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 15:31:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

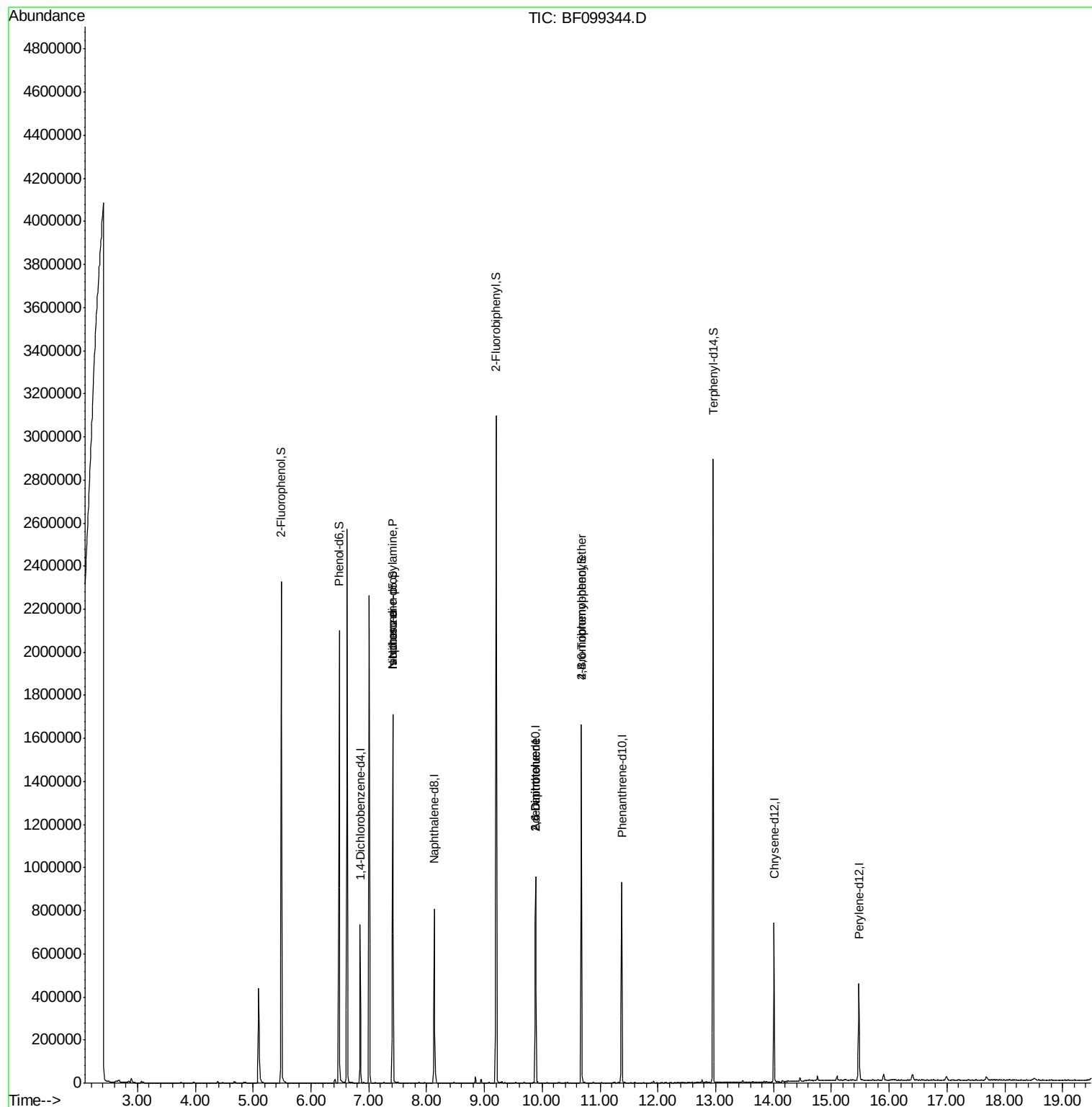
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	102224	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	427620	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	196675	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	350503	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	223519	20.00	ng	-0.02
86) Perylene-d12	15.47	264	185079	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	739029	115.09	ng	0.00
7) Phenol-d6	6.49	99	783205	98.87	ng	-0.01
23) Nitrobenzene-d5	7.42	82	593566	89.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	218333	135.67	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1115568	94.69	ng	-0.02
78) Terphenyl-d14	12.96	244	979189	99.63	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	74616	14.753	ng	# 73
25) Isophorone	7.42	82	593561	43.055	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	25020	7.742	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	25020	5.966	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	14524	4.233	ng	# 1

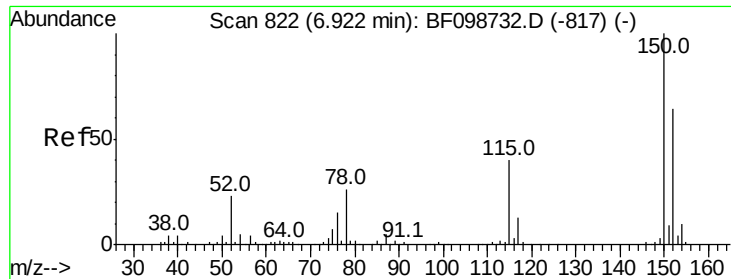
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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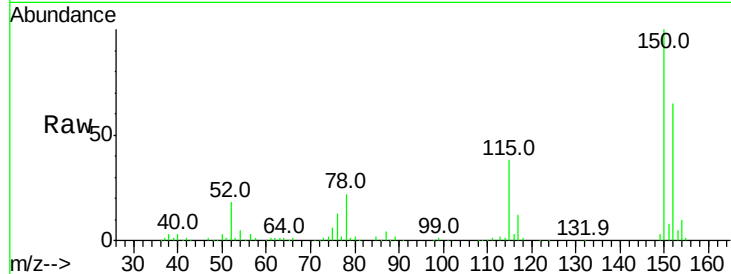


#1

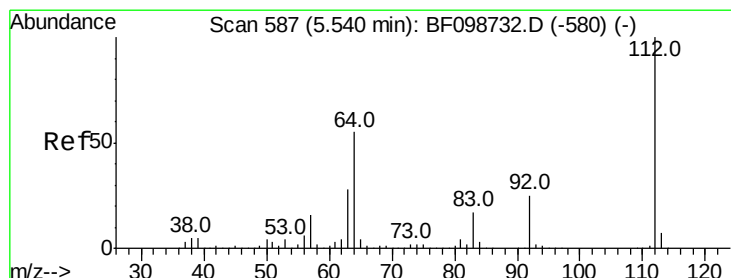
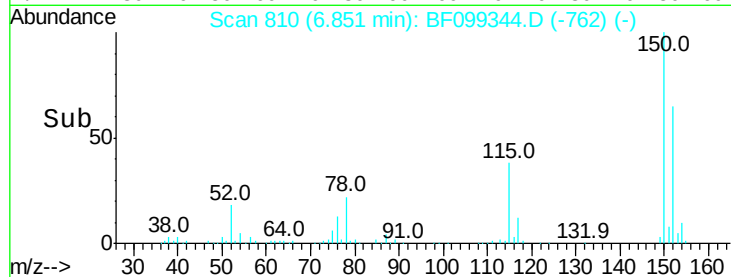
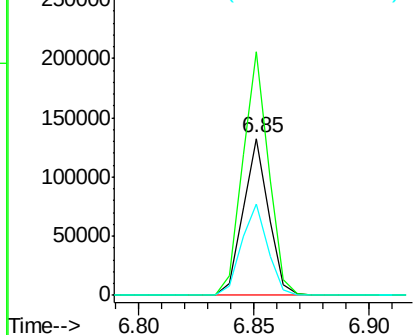
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102224
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.3 50.1 75.1



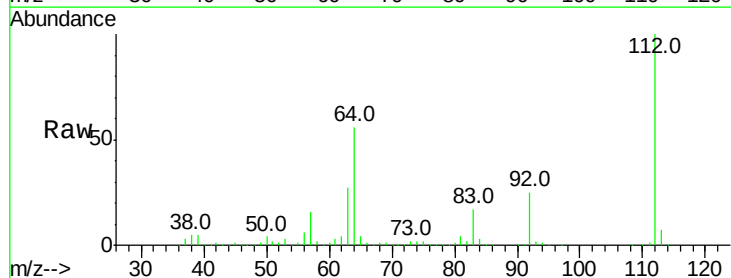
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



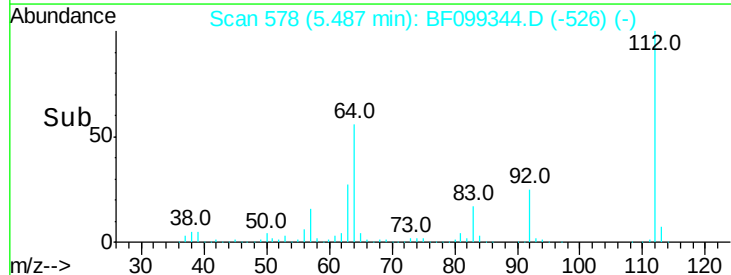
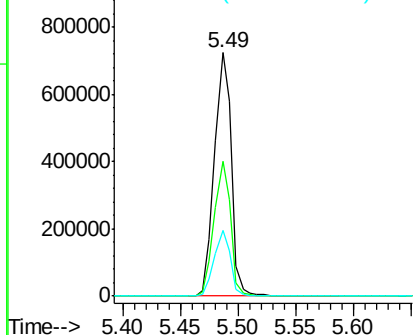
#5

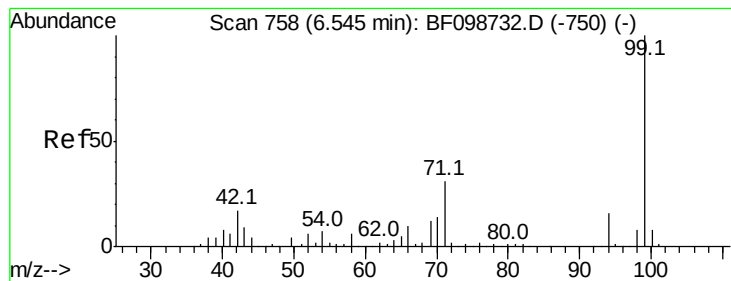
2-Fluorophenol
Concen: 115.087 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

Tgt Ion:112 Resp: 739029
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.0 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: 98.869 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Instrument :

BNA_F

ClientSampled :

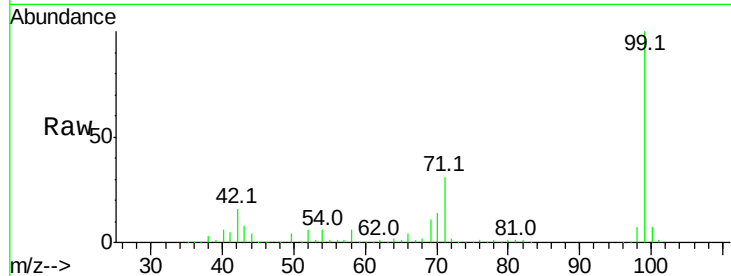
Tot Ion: 99 Resp: 783205

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

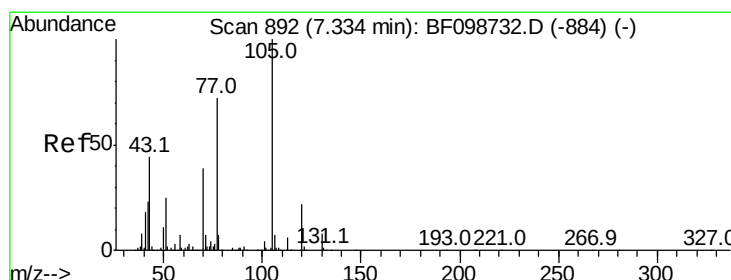
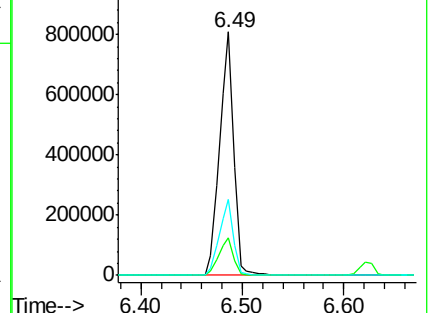
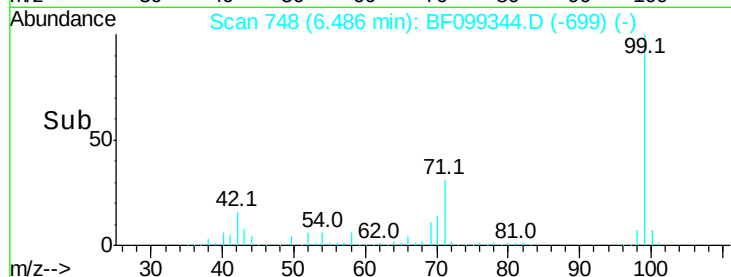
71 31.2 25.4 38.0



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: 14.753 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.13 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Tgt Ion: 70 Resp: 74616

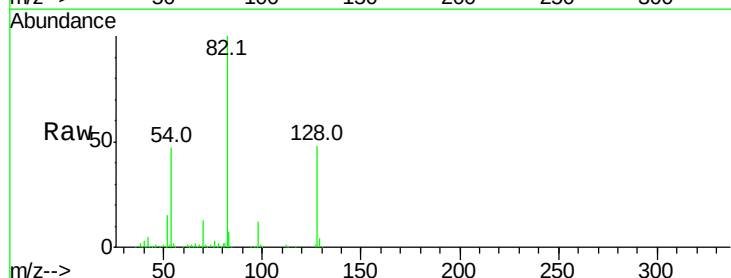
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

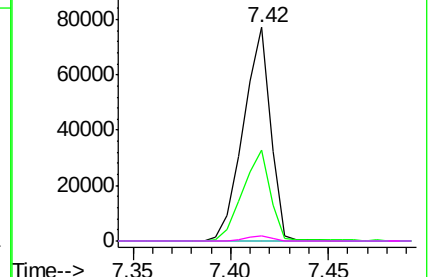
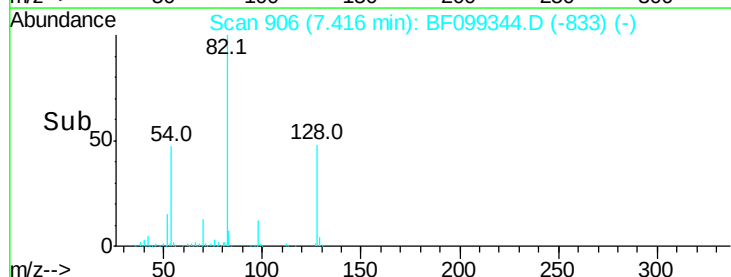


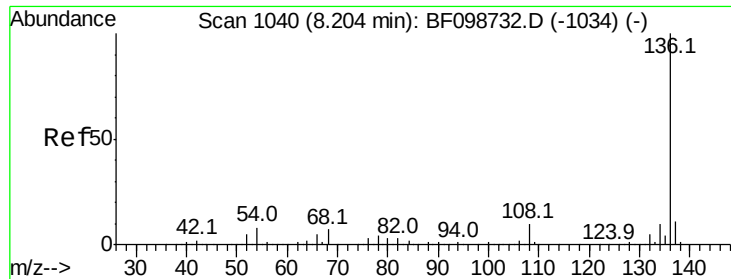
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

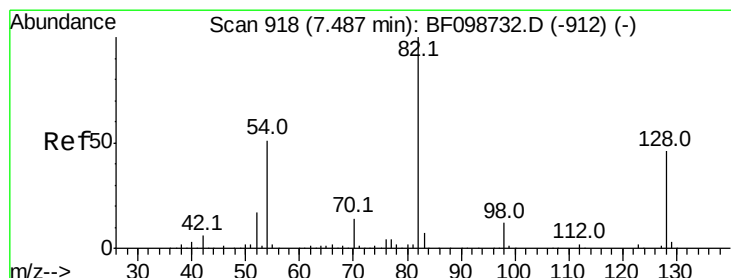
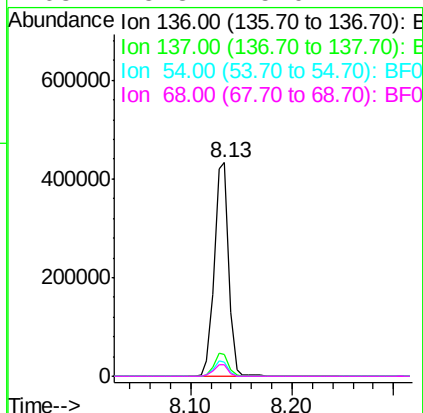
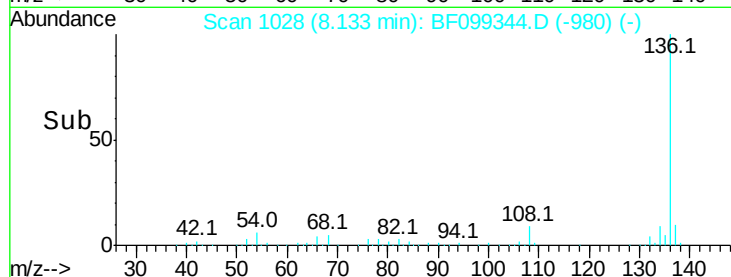
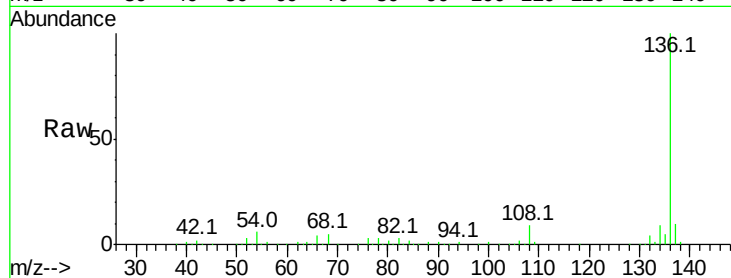




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

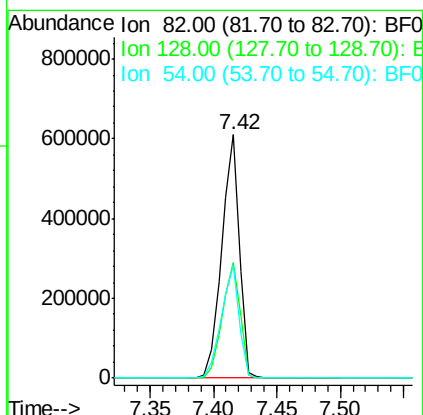
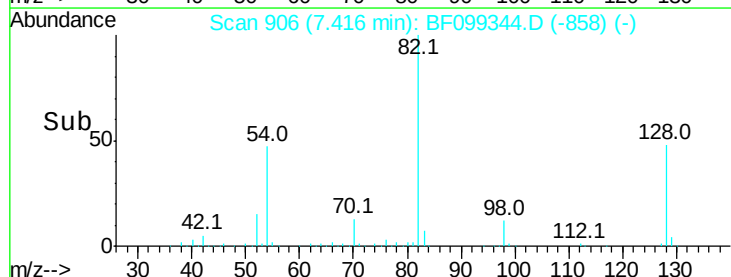
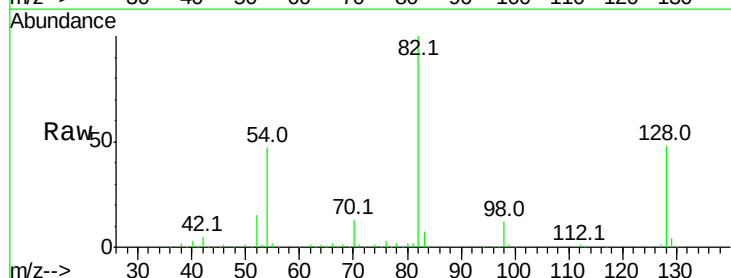
Instrument :
BNA_F
ClientSampleId :

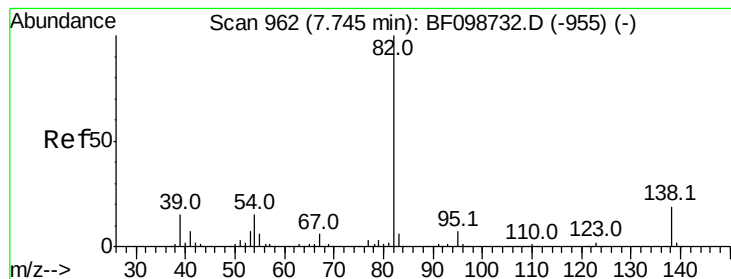
Tot Ion:	136	Resp:	427620
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.4	6.6	9.8#
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.017 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

Tgt Ion:	82	Resp:	593566
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	46.6	41.4	62.2





#25

Isophorone

Concen: 43.055 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.28 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

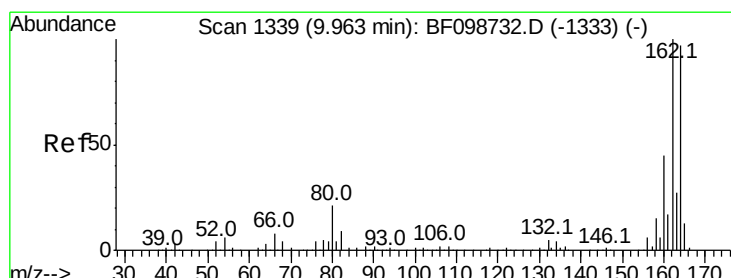
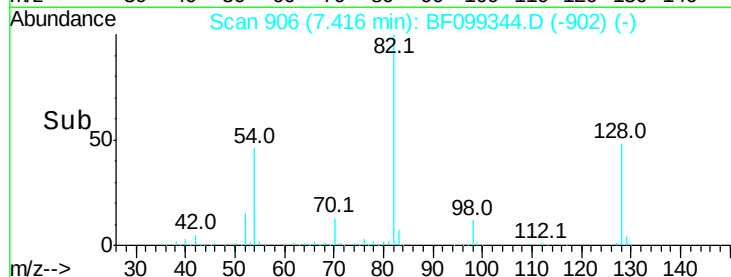
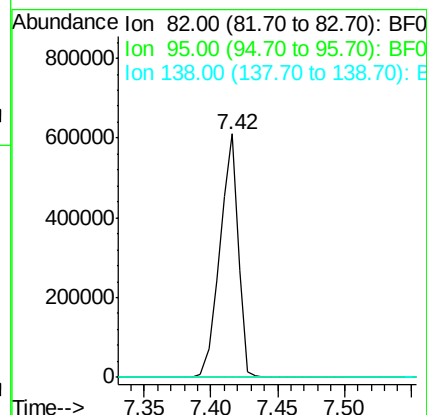
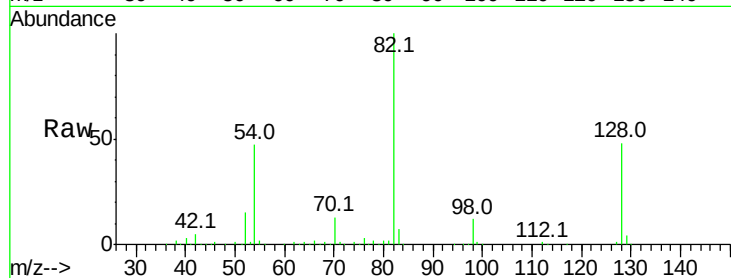
Tot Ion: 82 Resp: 593561

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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

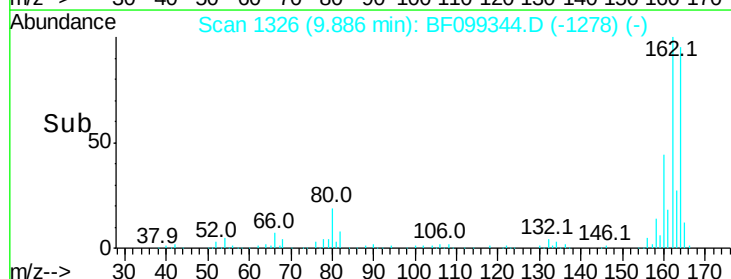
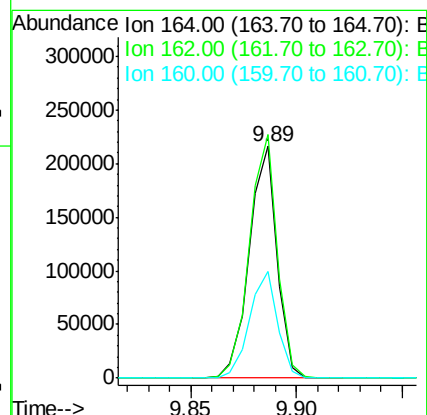
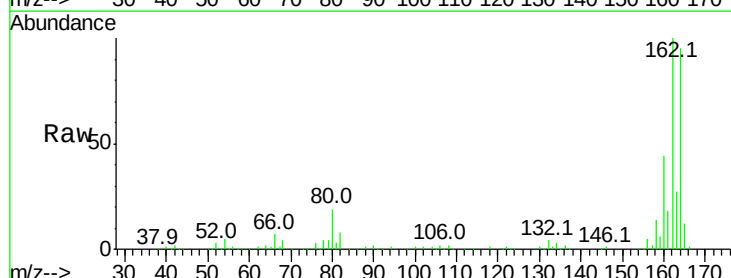
Tgt Ion:164 Resp: 196675

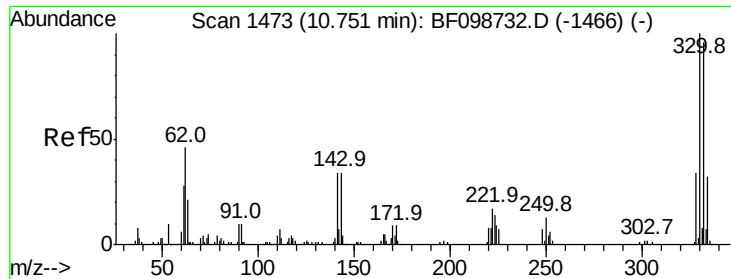
Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

160 45.9 38.3 57.5

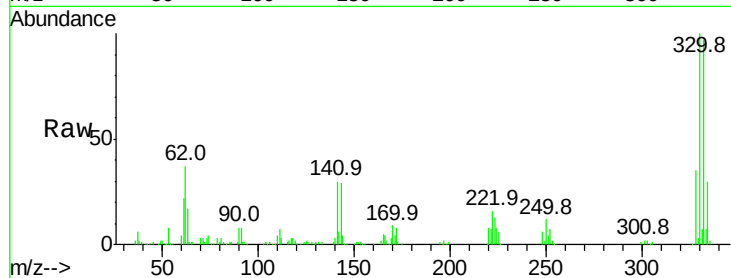




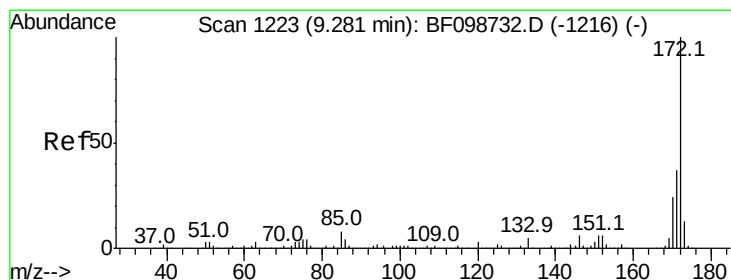
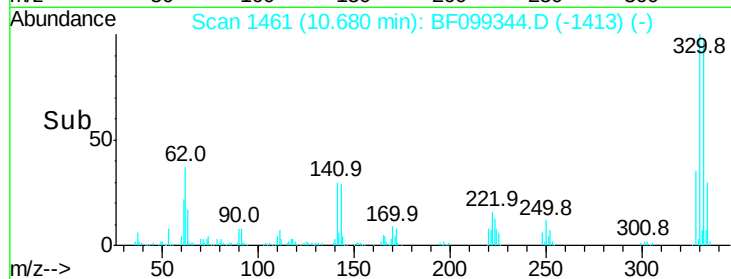
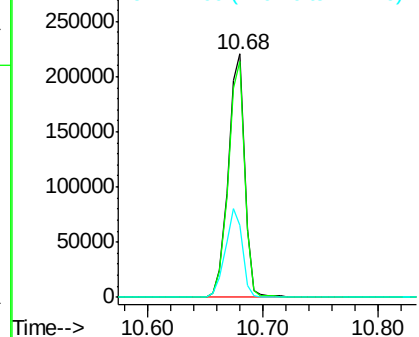
#41
 2,4,6-Tribromophenol
 Concen: 135.667 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 218333
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.6 29.9 44.9

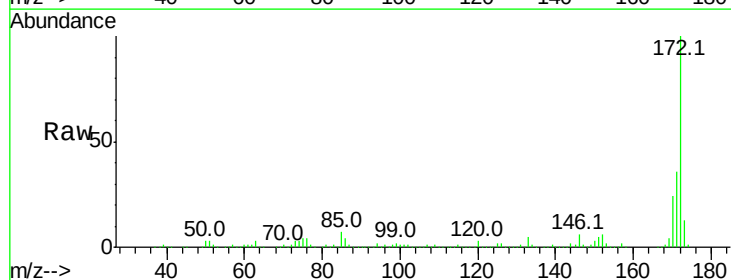


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

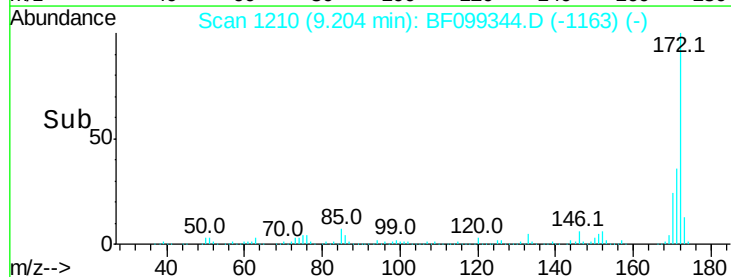
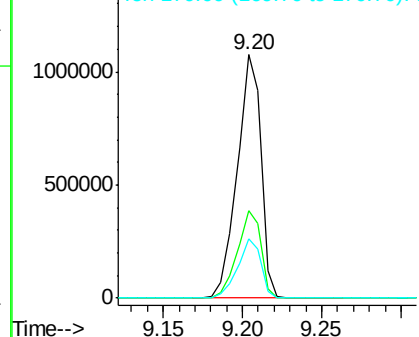


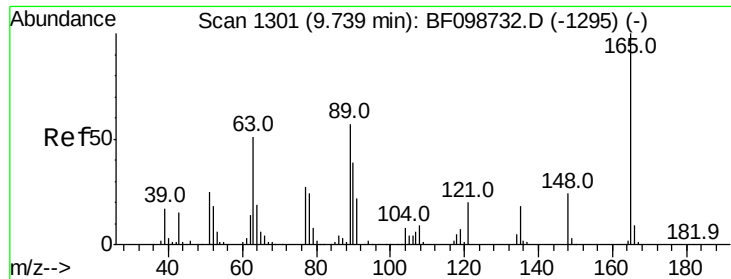
#44
 2-Fluorobiphenyl
 Concen: 94.692 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Tgt Ion:172 Resp: 1115568
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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

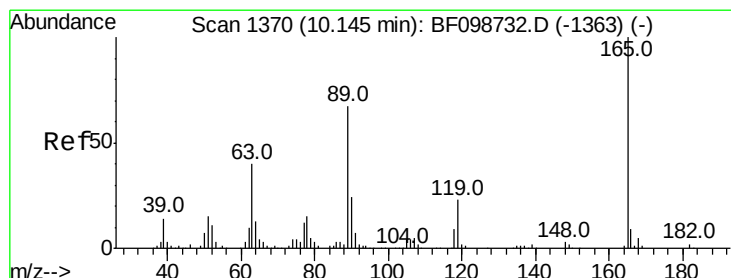
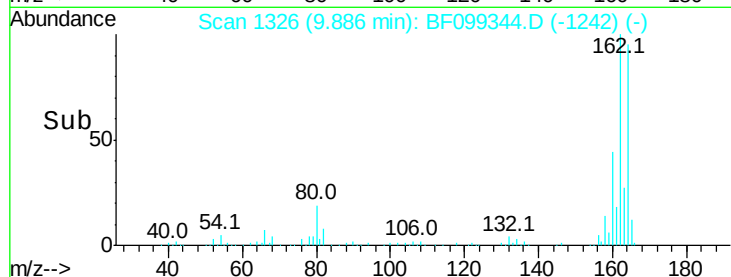
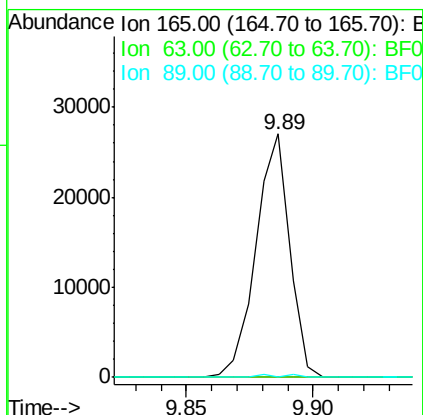
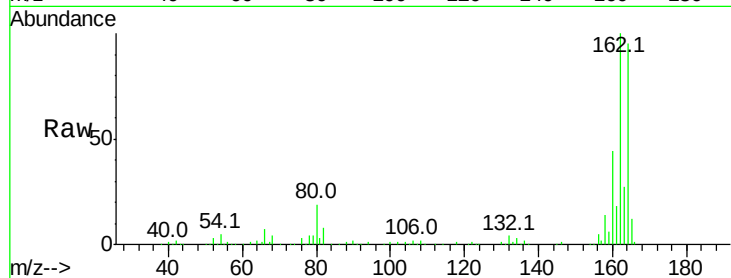




#50
 2,6-Dinitrotoluene
 Concen: 7.742 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.19 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

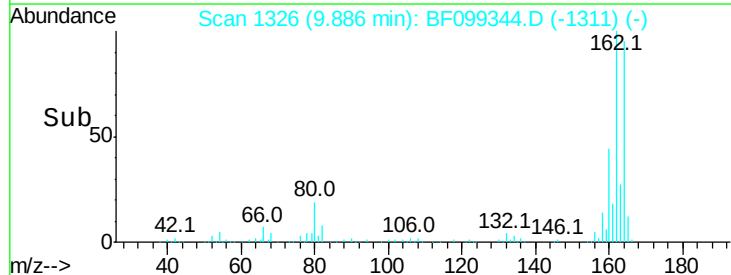
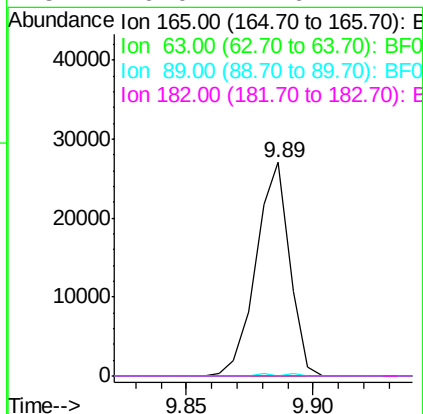
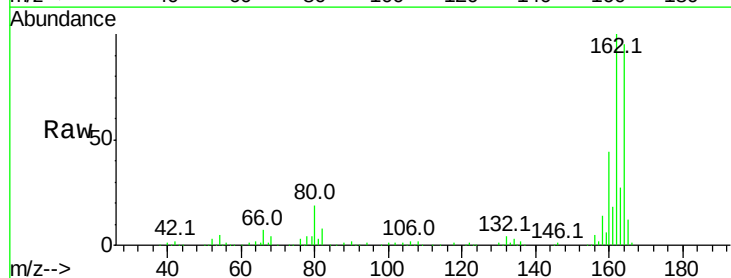
Instrument :
 BNA_F
 ClientSampleId :

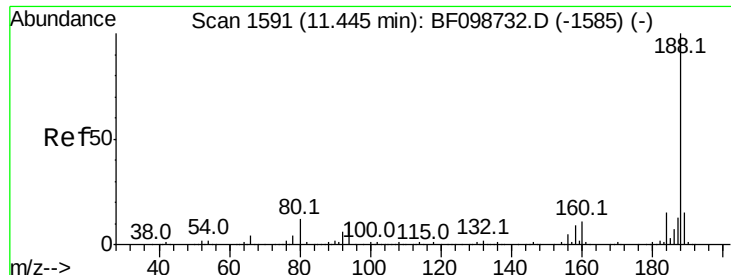
Tot Ion:	165	Resp:	25020
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Tgt Ion:	165	Resp:	25020
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#

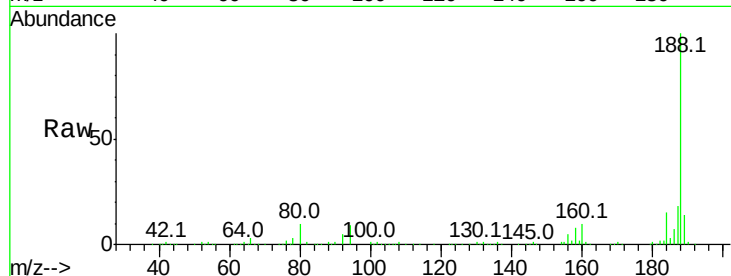




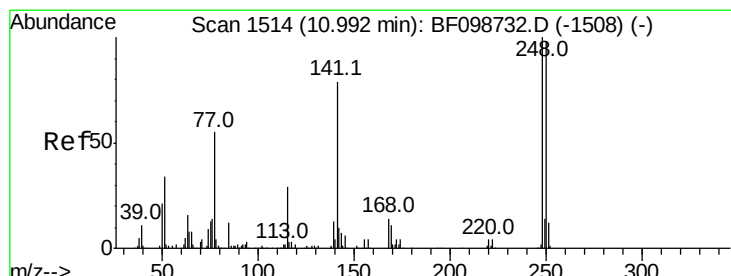
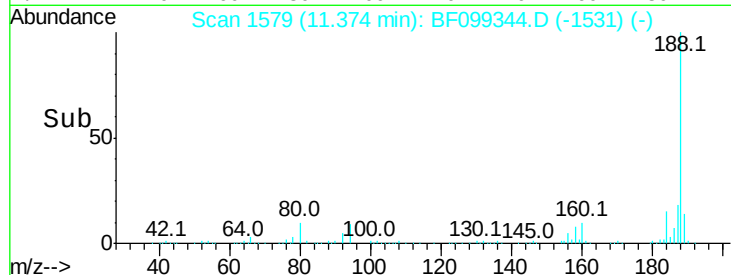
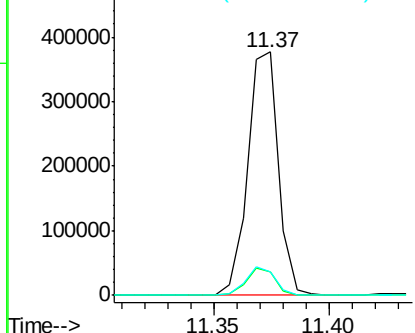
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 350503
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.9 9.2 13.8

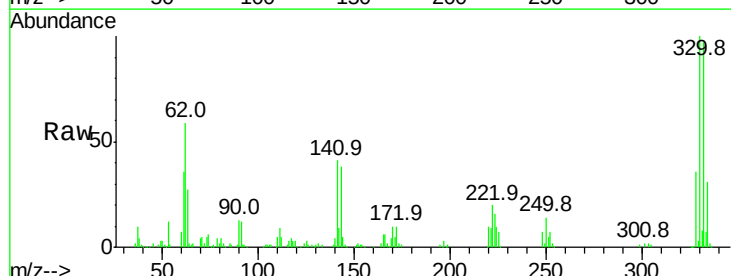


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

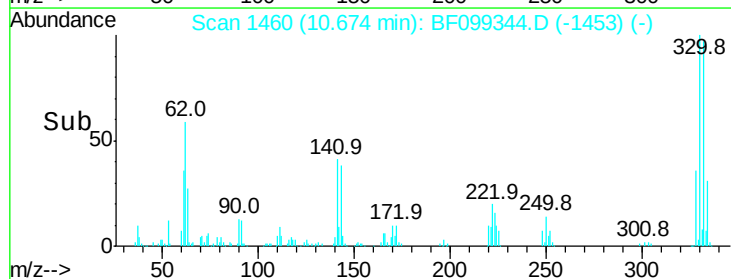
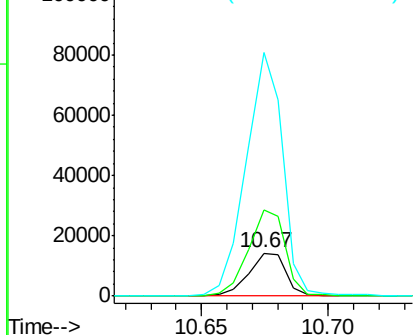


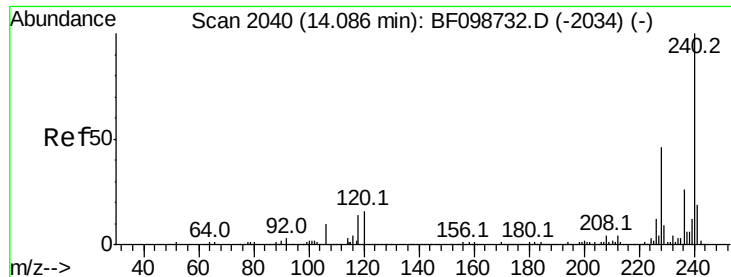
#66
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.26 min
Lab File: BF099344.D
Acq: 11 Oct 2017 14:17

Tgt Ion:248 Resp: 14524
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 571.2 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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

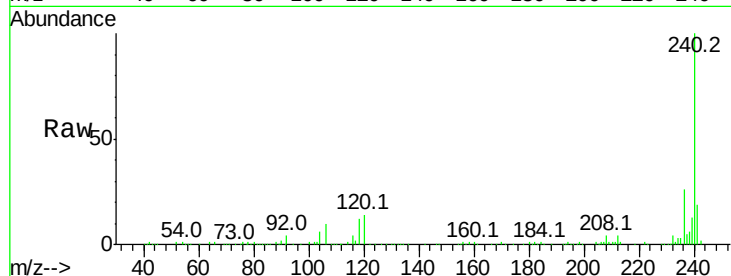
Tot Ion:240 Resp: 223519

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

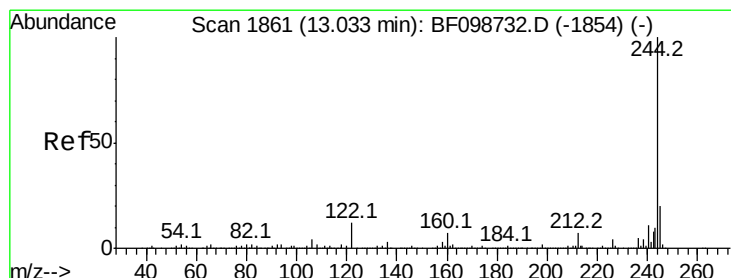
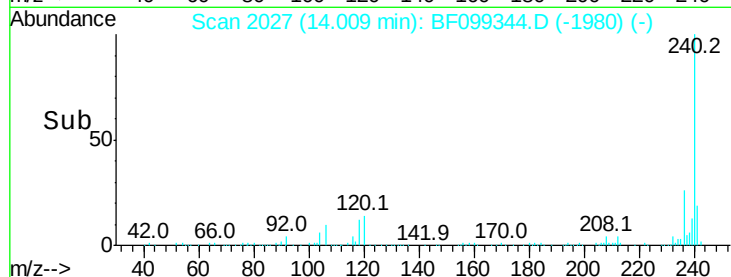
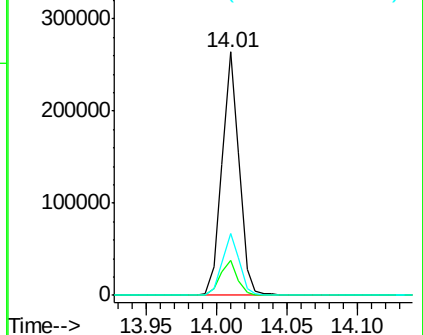
236 25.6 20.7 31.1



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: 99.628 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF099344.D

Acq: 11 Oct 2017 14:17

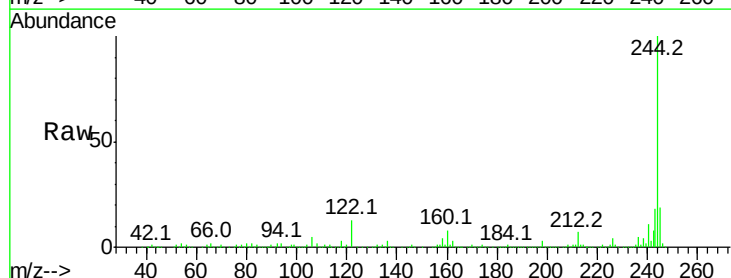
Tgt Ion:244 Resp: 979189

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

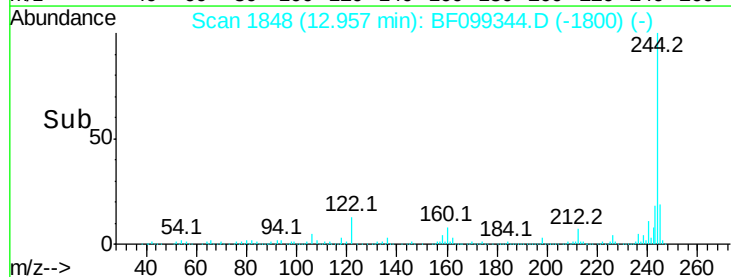
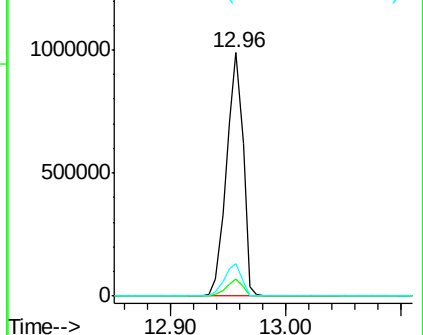
122 13.5 11.0 16.4

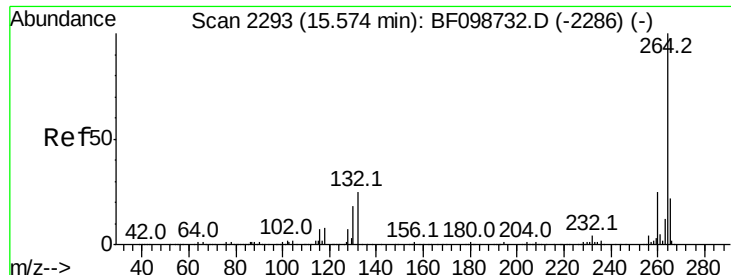


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

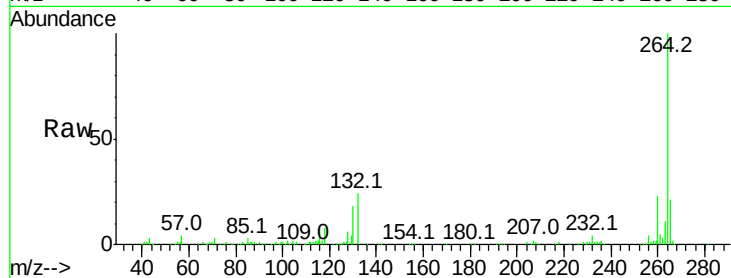




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BF099344.D
 Acq: 11 Oct 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	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

