

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099354.D
 Acq On : 11 Oct 2017 19:42
 Operator : SJ/JU
 Sample : PB103129TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:50:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

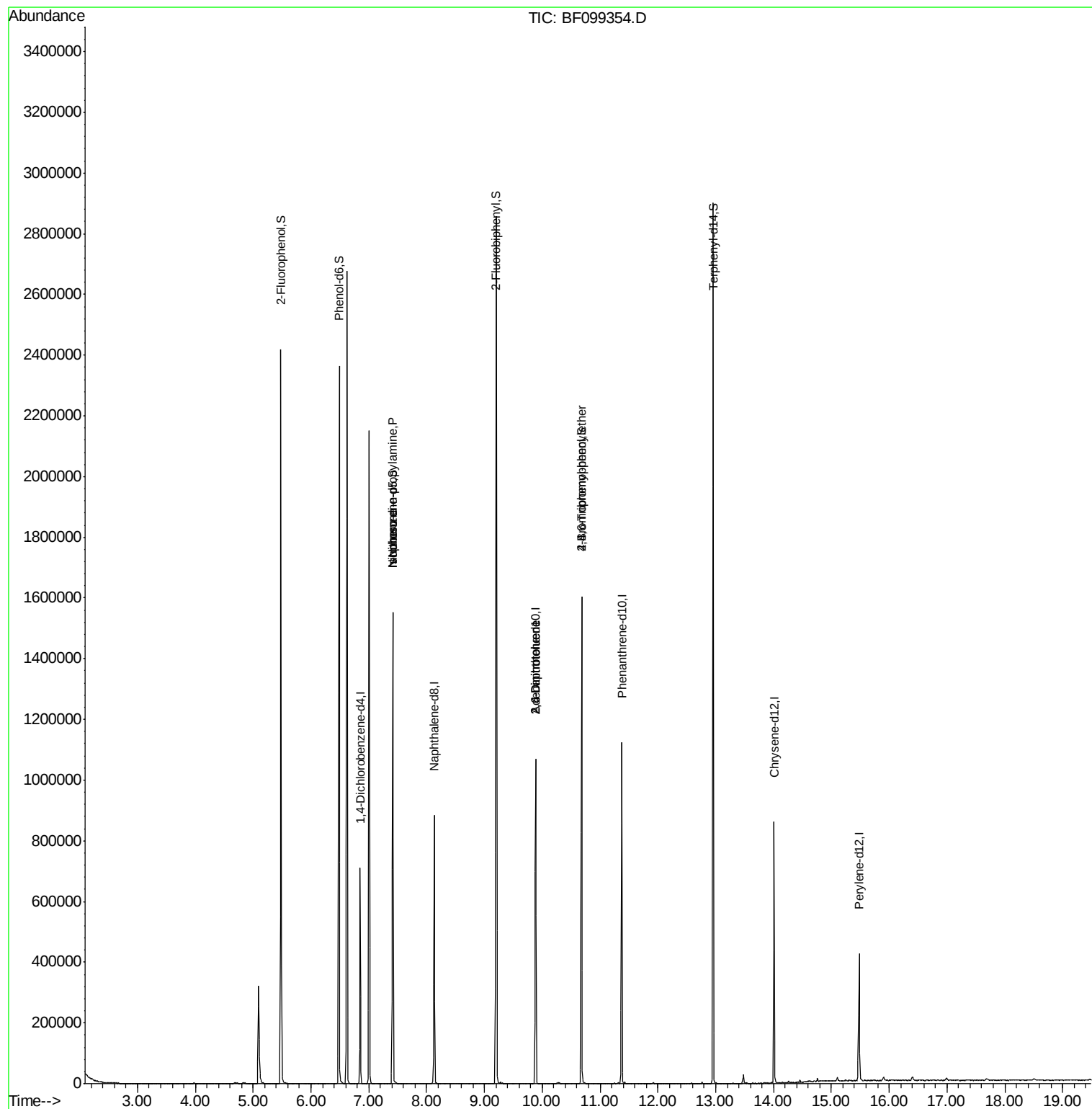
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106567	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	453492	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	210095	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	382712	20.00	ng	0.00
75) Chrysene-d12	14.01	240	273394	20.00	ng	0.00
86) Perylene-d12	15.48	264	179507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	816237	121.93	ng	0.01
7) Phenol-d6	6.49	99	960403	116.30	ng	0.00
23) Nitrobenzene-d5	7.42	82	583466	82.51	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	212978	123.89	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1125441	89.43	ng	0.00
78) Terphenyl-d14	12.96	244	997966	83.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	73679	13.97	ng	# 74
25) Isophorone	7.42	82	581084	39.75	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	26440	7.66	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	26440	5.90	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	14494	3.87	ng	# 1

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

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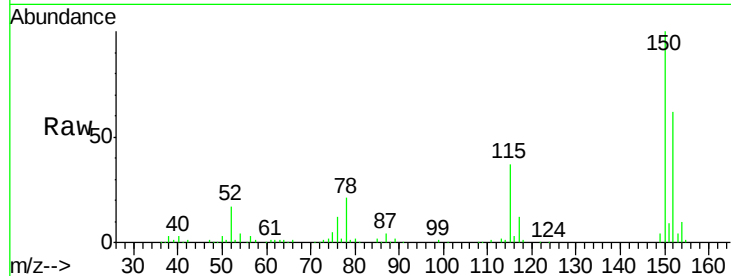


#1

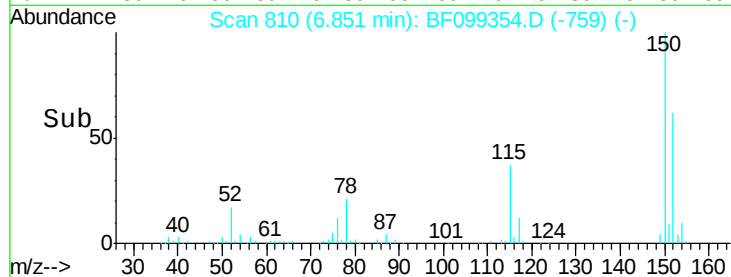
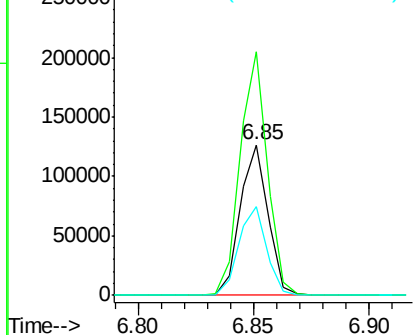
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.6	186.8
115	59.4	50.1	75.1



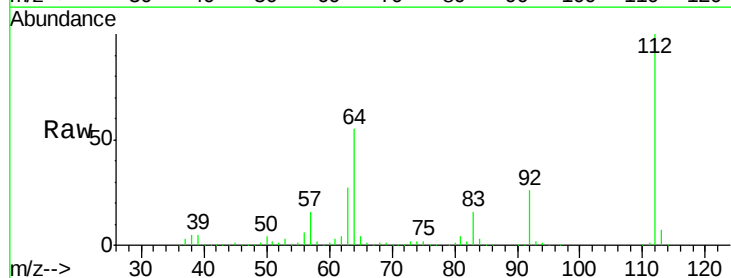
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



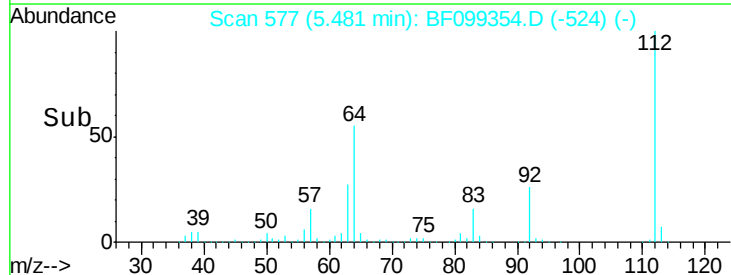
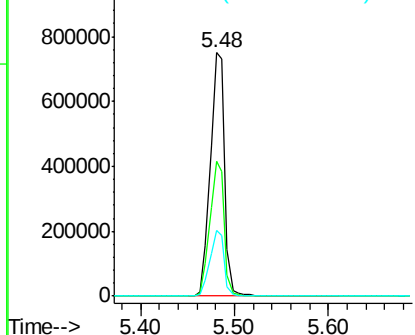
#5

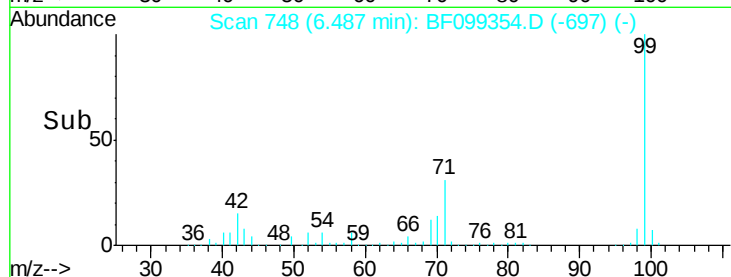
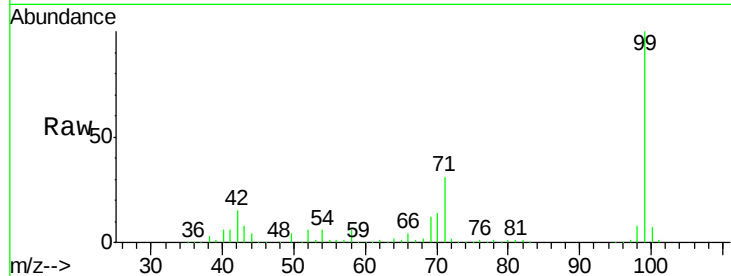
2-Fluorophenol
Concen: 121.93 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.2	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: 116.30 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099354.D

Acq: 11 Oct 2017 19:42

Instrument :

BNA_F

ClientSampled :

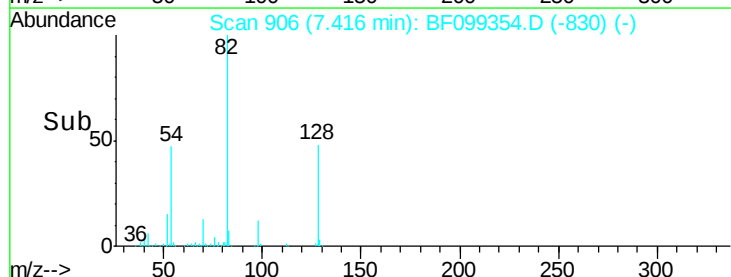
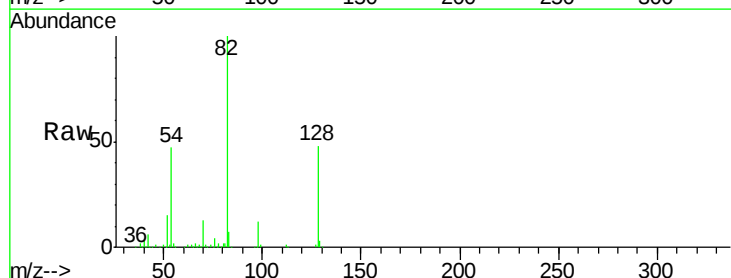
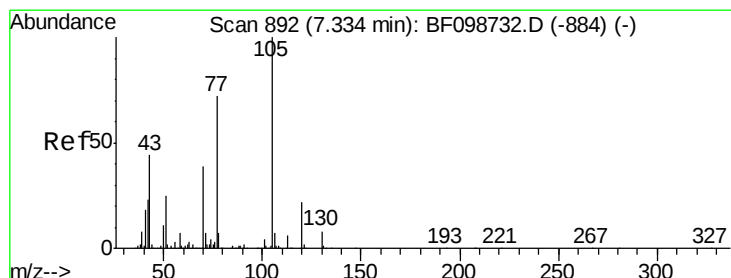
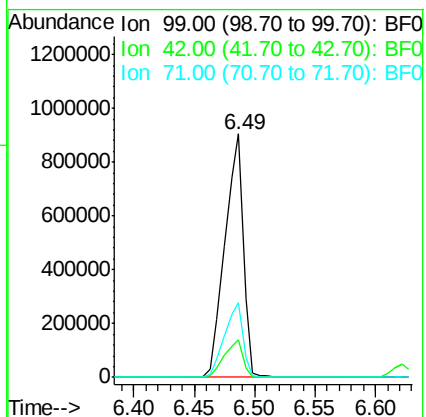
Tot Ion: 99 Resp: 960403

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 30.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.97 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099354.D

Acq: 11 Oct 2017 19:42

Tgt Ion: 70 Resp: 73679

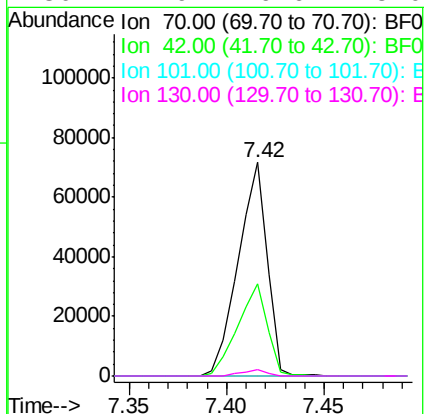
Ion Ratio Lower Upper

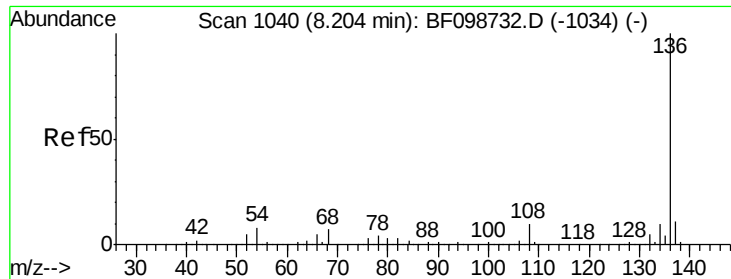
70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

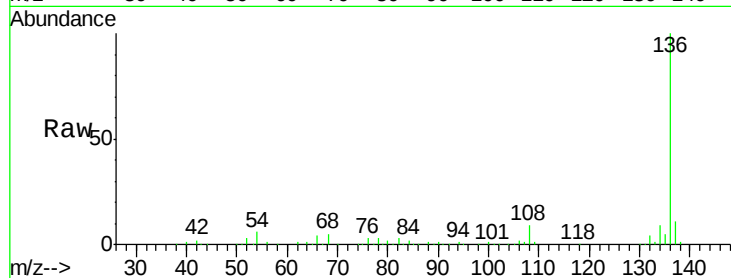




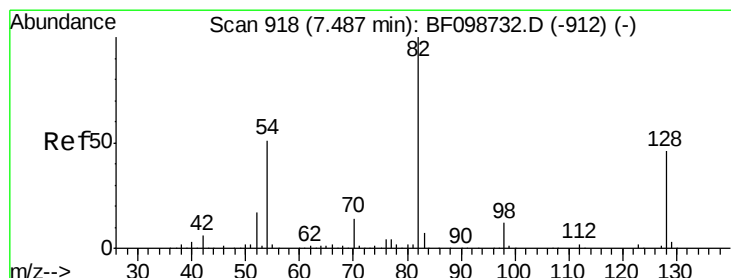
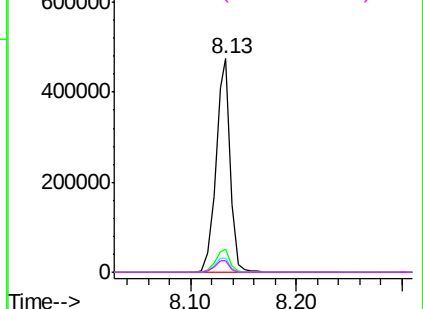
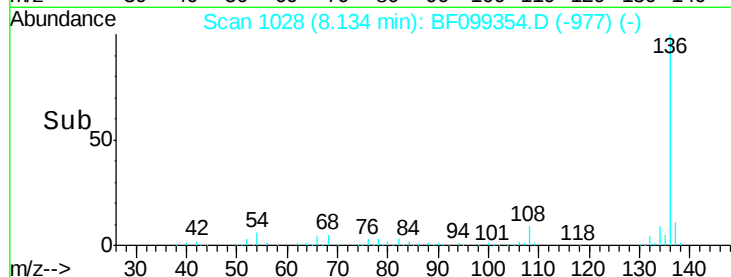
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	453492
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.5	6.6 9.8#
68	5.3	5.0 7.4

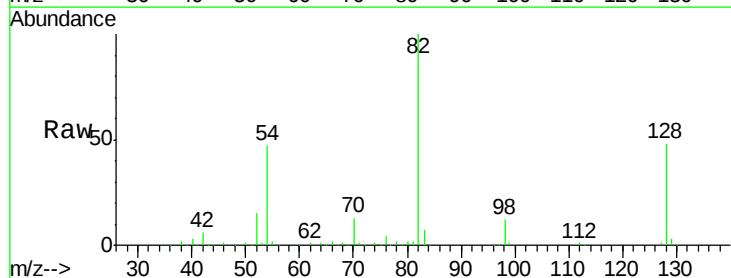


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

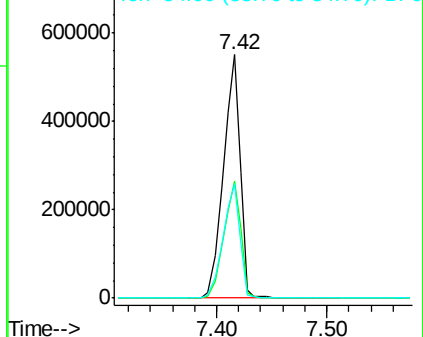
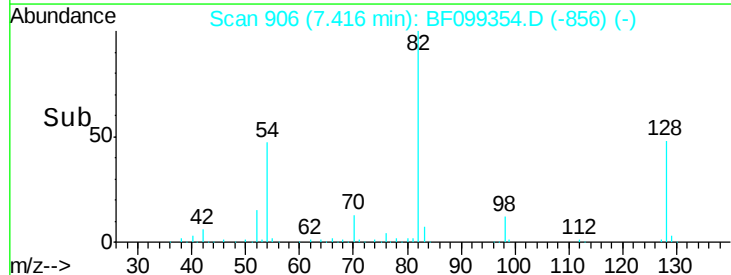


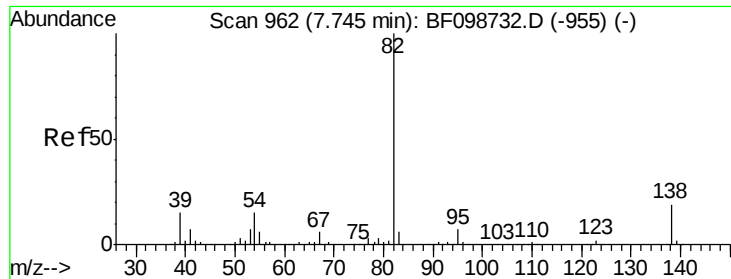
#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

Tgt Ion: 82	Resp:	583466
Ion Ratio	Lower	Upper
82	100	
128	48.1	36.1 54.1
54	46.8	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: 39.75 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099354.D

Acq: 11 Oct 2017 19:42

Instrument :

BNA_F

ClientSampleId :

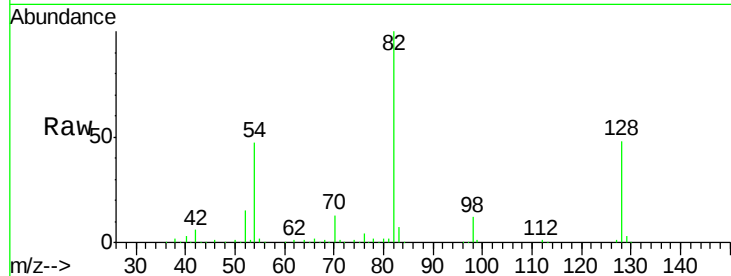
Tot Ion: 82 Resp: 581084

Ion Ratio Lower Upper

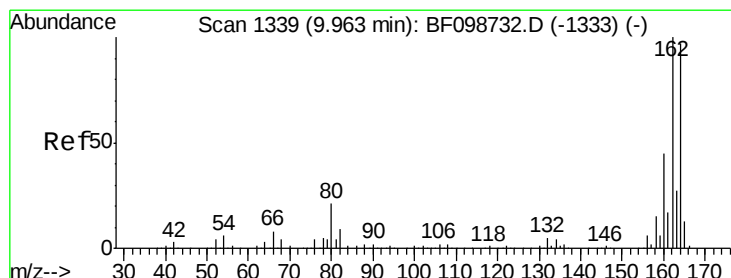
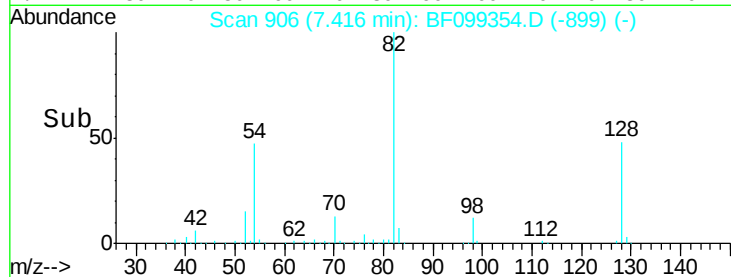
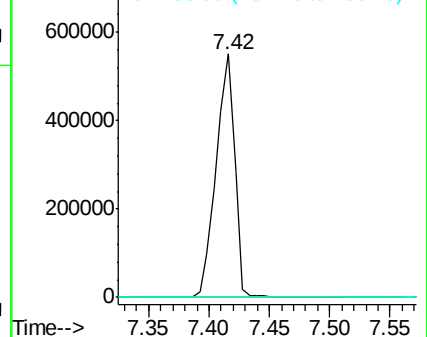
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099354.D

Acq: 11 Oct 2017 19:42

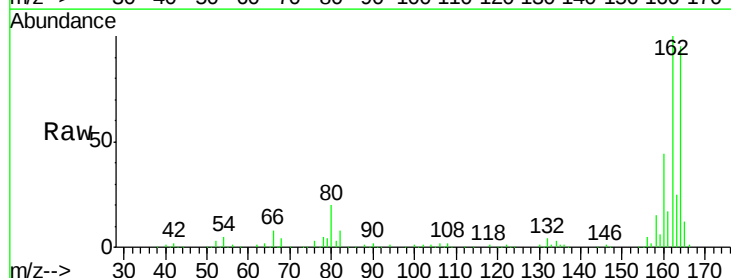
Tgt Ion:164 Resp: 210095

Ion Ratio Lower Upper

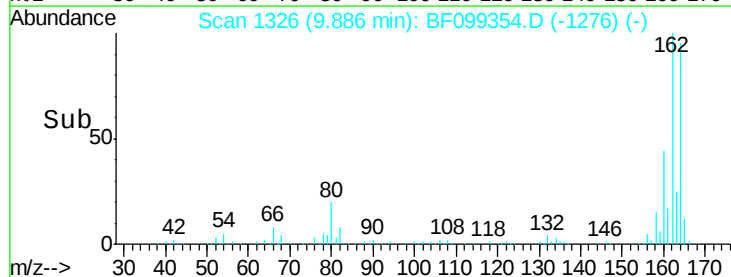
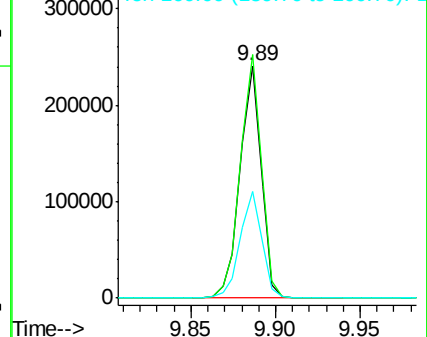
164 100

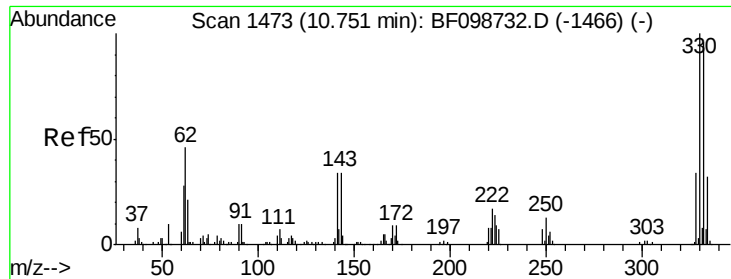
162 104.8 86.1 129.1

160 45.9 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

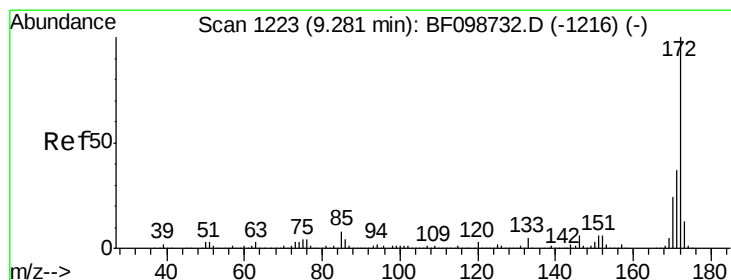
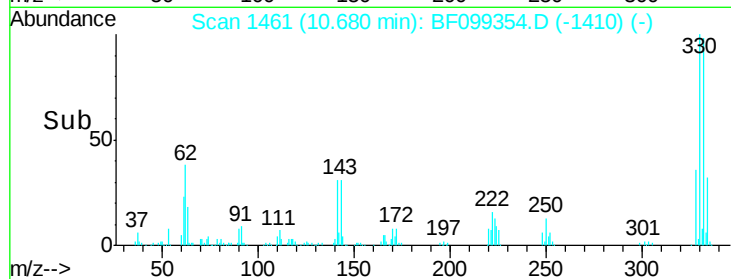
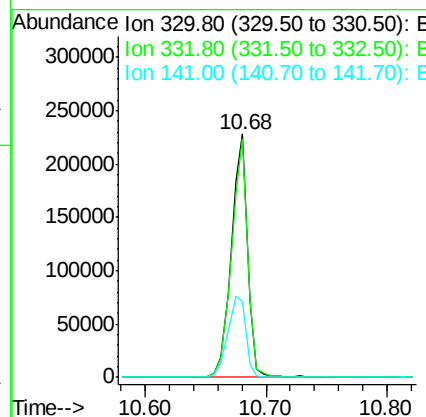
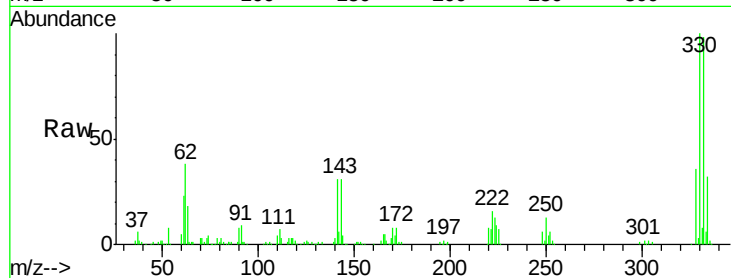




#41
 2,4,6-Tribromophenol
 Concen: 123.89 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099354.D
 Acq: 11 Oct 2017 19:42

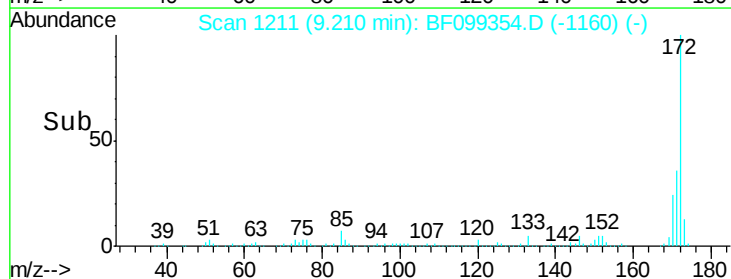
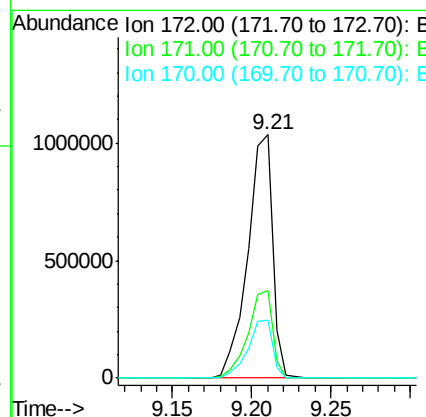
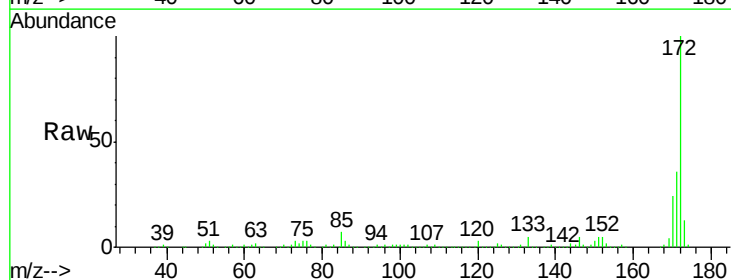
Instrument :
 BNA_F
 ClientSampleId :

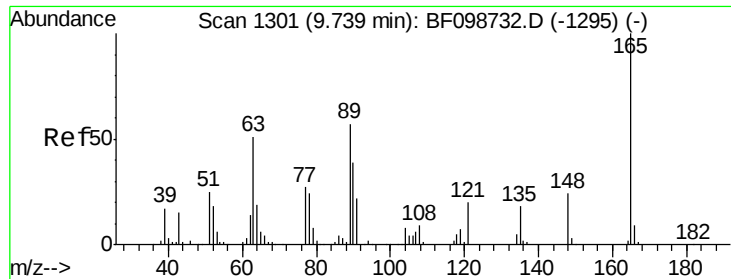
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099354.D
 Acq: 11 Oct 2017 19:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

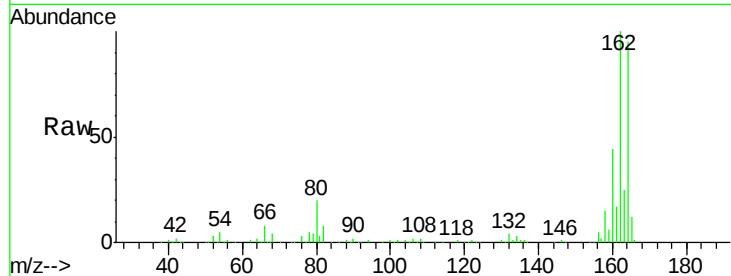




#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099354.D
 Acq: 11 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

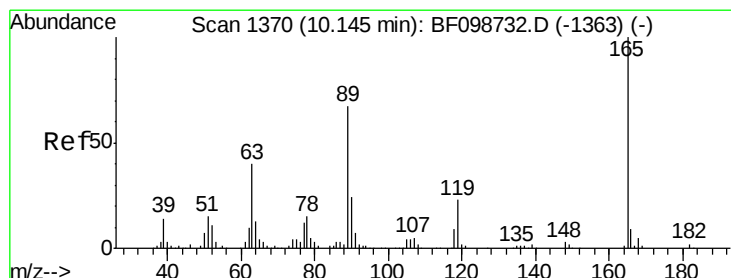
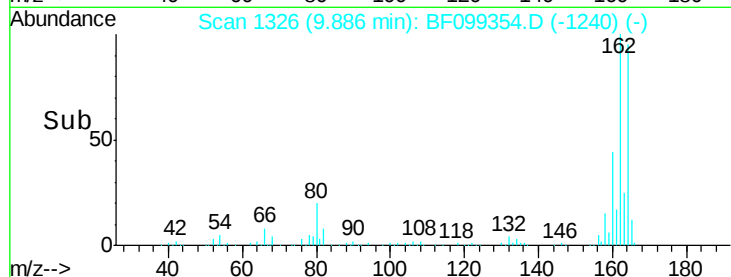
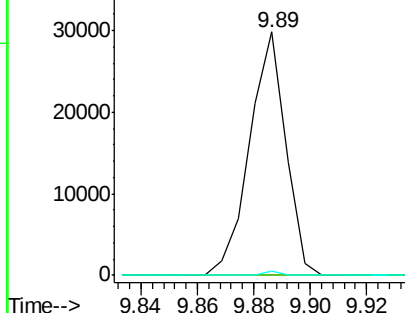
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



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: 5.90 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099354.D
 Acq: 11 Oct 2017 19:42

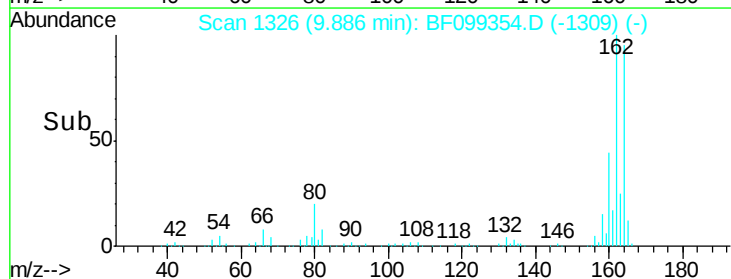
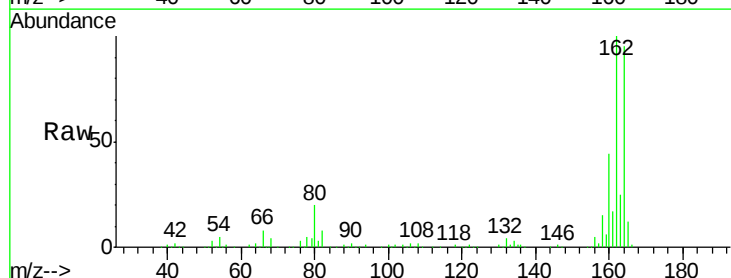
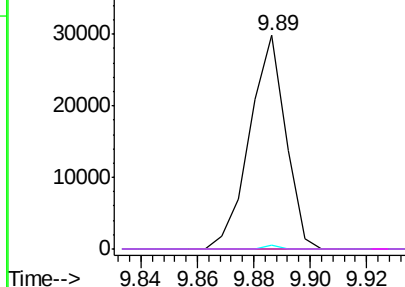
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

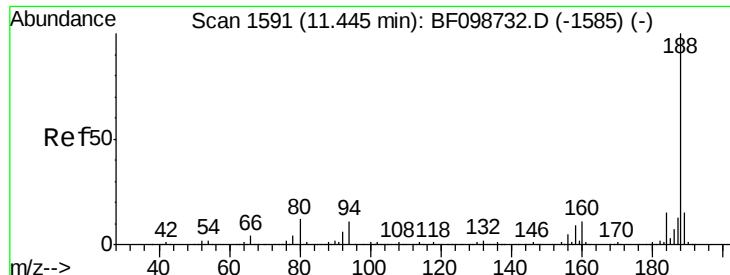
Abundance Ion 165.00 (164.70 to 165.70): E

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

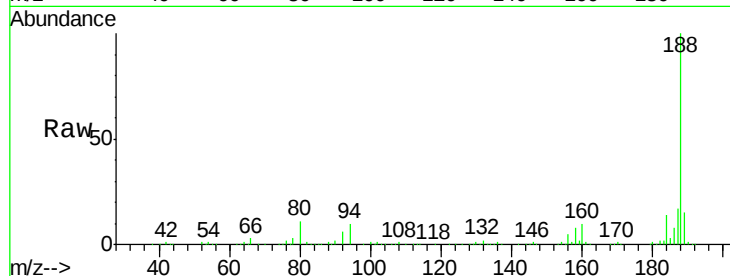




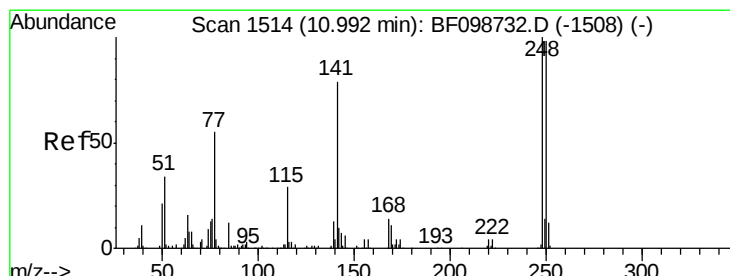
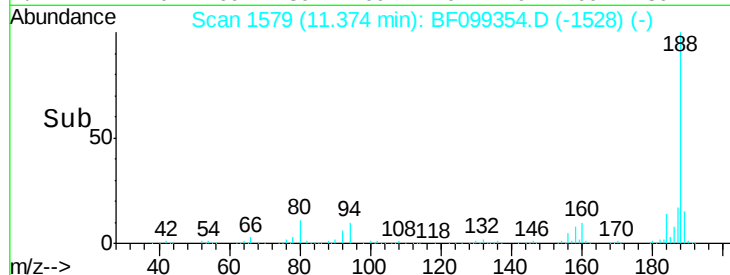
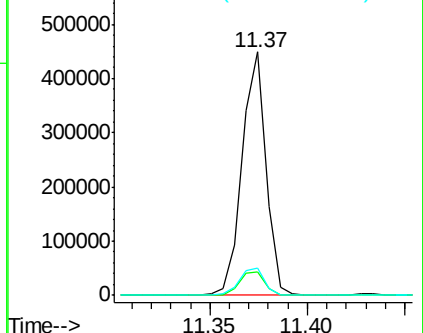
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099354.D
 Acq: 11 Oct 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 382712
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.1 9.2 13.8

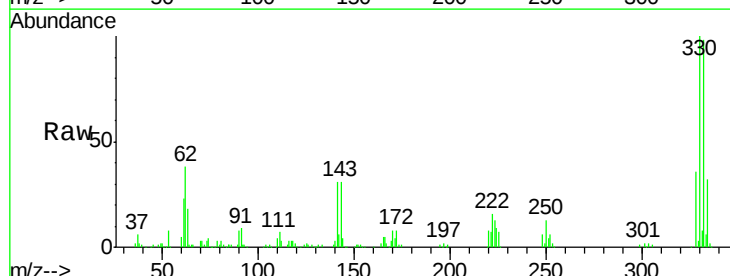


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

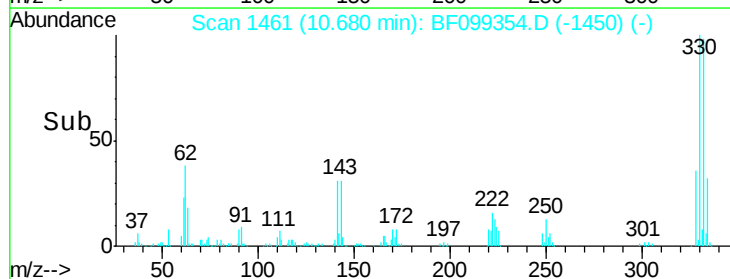
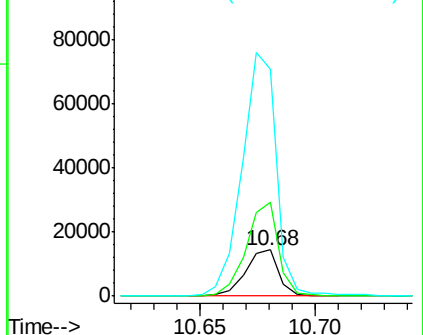


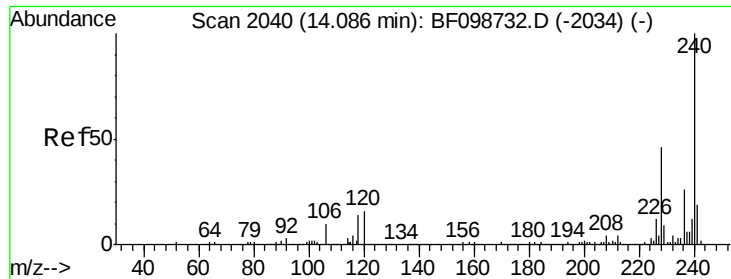
#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099354.D
 Acq: 11 Oct 2017 19:42

Tgt Ion:248 Resp: 14494
 Ion Ratio Lower Upper
 248 100
 250 202.0 76.9 115.3#
 141 489.3 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

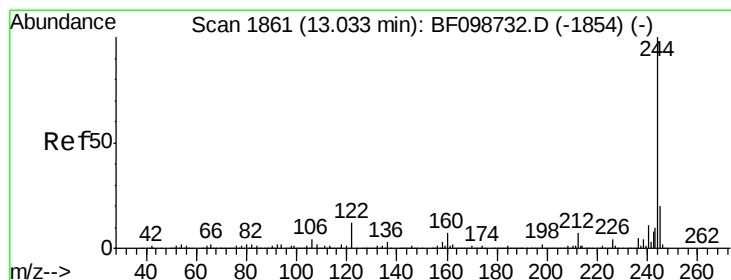
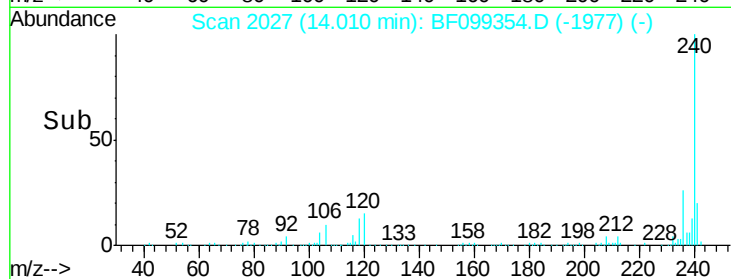
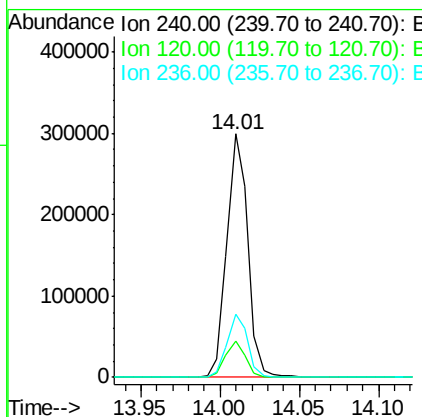
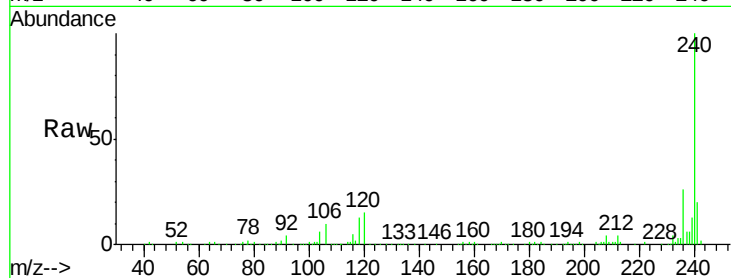




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

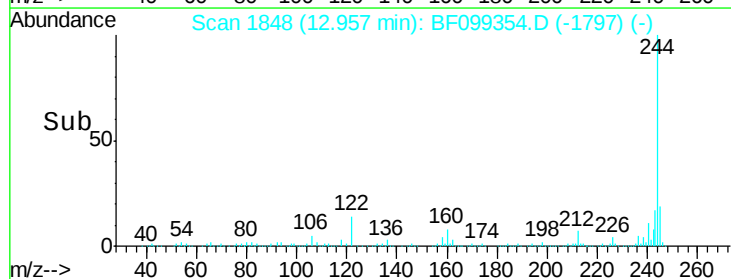
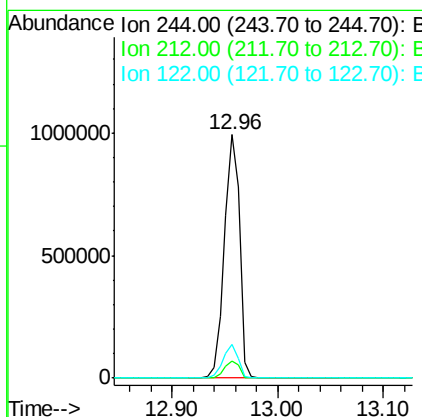
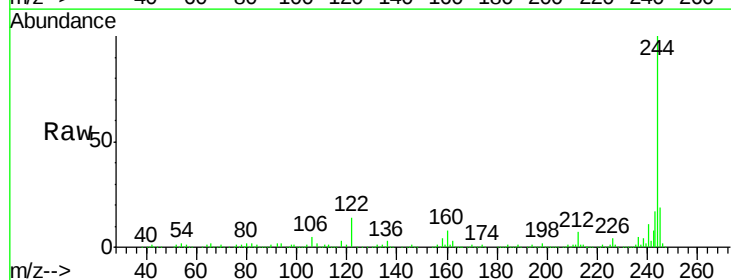
Instrument :
BNA_F
ClientSampleId :

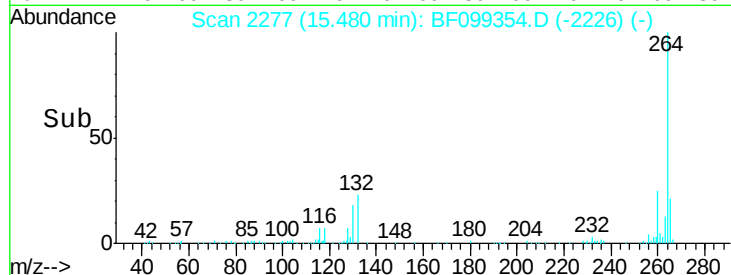
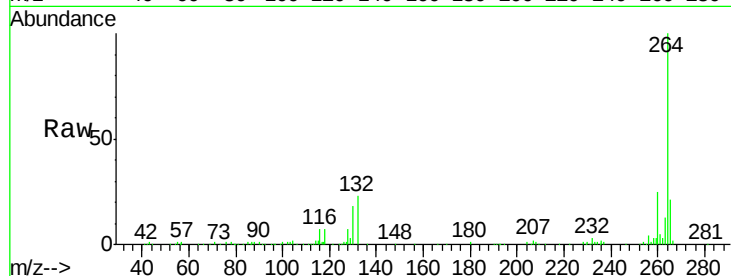
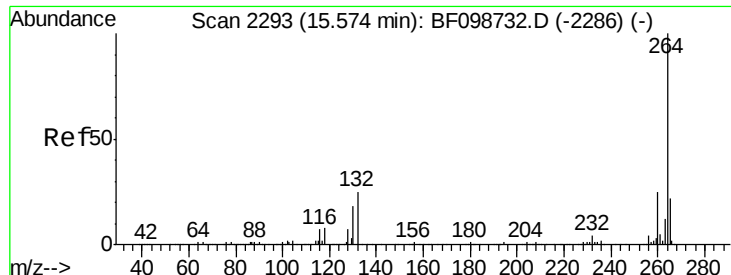
Tot Ion:240 Resp: 273394
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.0 20.7 31.1



#78
Terphenyl-d14
Concen: 83.01 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

Tgt Ion:244 Resp: 997966
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.7 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099354.D
Acq: 11 Oct 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	179507
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.3	17.5	26.3

