

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099236.D
 Acq On : 8 Oct 2017 17:04
 Operator : SJ/JU
 Sample : I5715-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:11:55 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	6.86	152	134006	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	557538	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	259717	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	469065	20.00	ng	0.00
75) Chrysene-d12	14.03	240	358454	20.00	ng	0.00
86) Perylene-d12	15.50	264	256228	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	870225	103.38	ng	0.02
7) Phenol-d6	6.50	99	954705	91.94	ng	0.00
23) Nitrobenzene-d5	7.43	82	701407	80.68	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	262705	123.61	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1294210	83.19	ng	0.00
78) Terphenyl-d14	12.97	244	1197994	76.01	ng	0.00

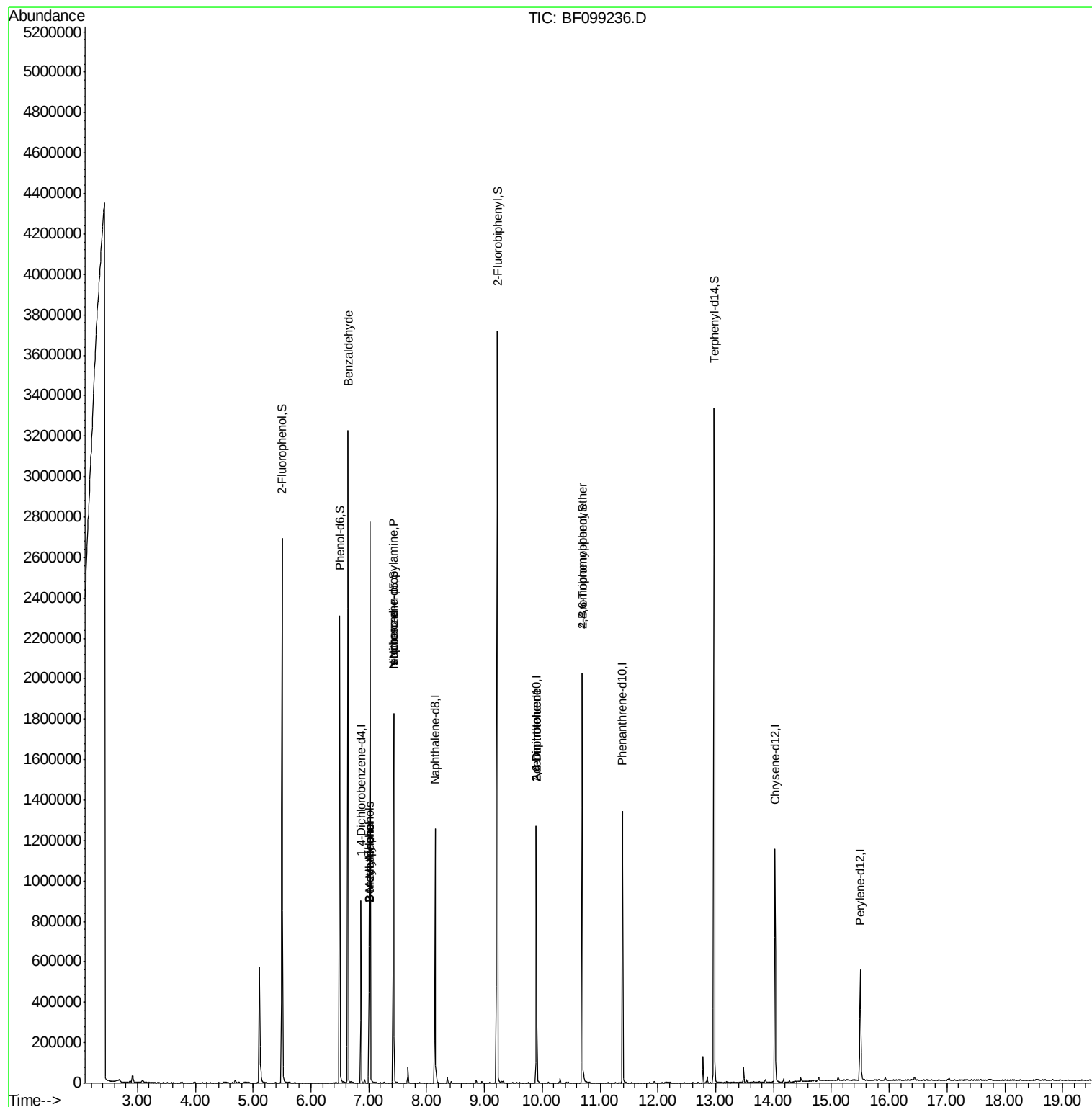
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	18071	3.00	ng	87
15) Benzyl Alcohol	7.00	79	83937	11.02	ng	95
17) 2-Methylphenol	7.00	107	43767	5.61	ng	# 22
19) n-Nitroso-di-n-propylamine	7.43	70	90032	13.58	ng	# 74
20) 3+4-Methylphenols	7.00	107	43766	4.44	ng	# 1
25) Isophorone	7.43	82	701398	39.02	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	32880	7.70	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	32880	5.94	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	17787	3.87	ng	# 1

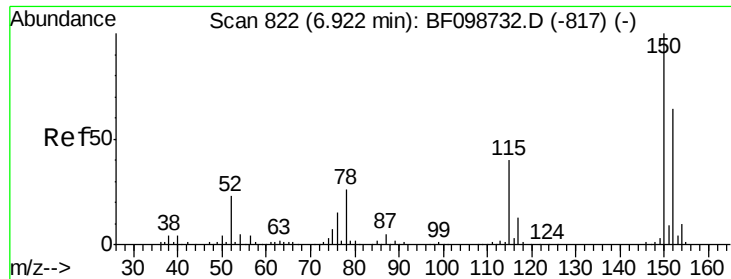
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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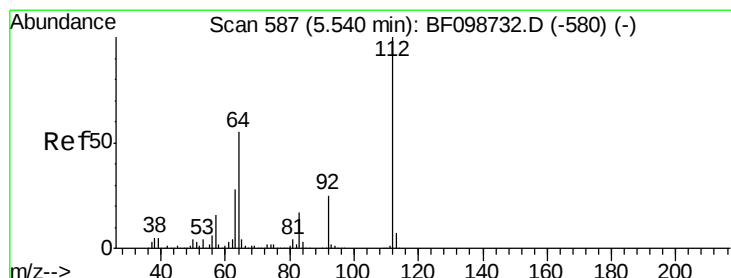
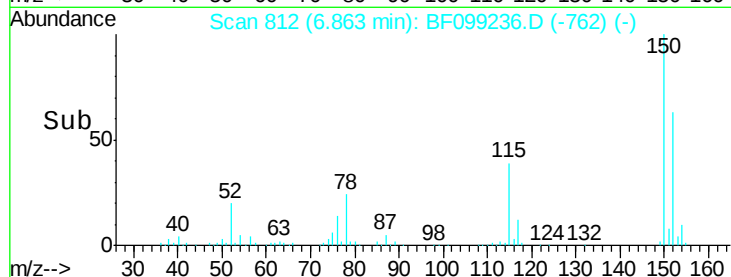
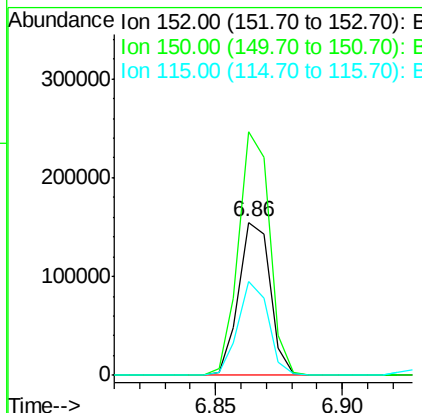
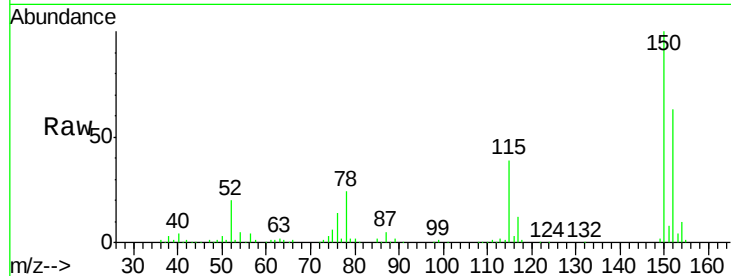


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

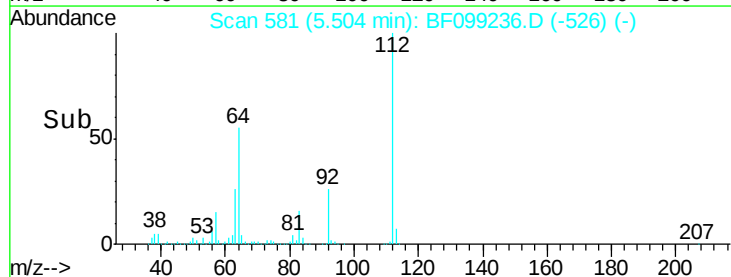
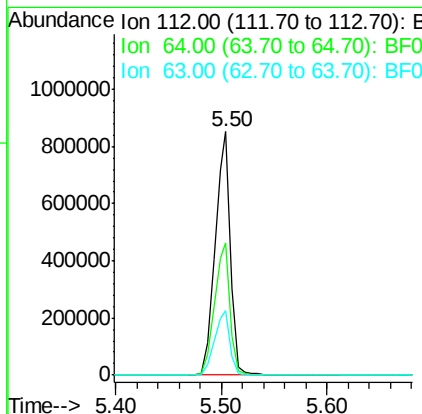
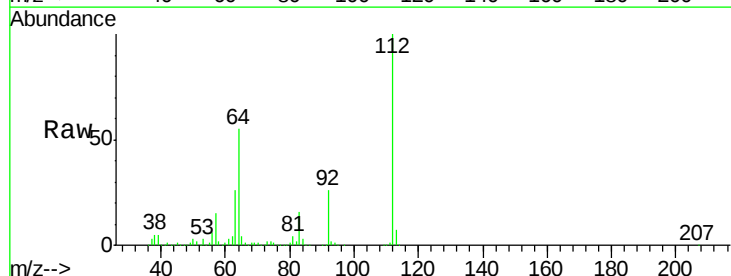
Tot Ion:152 Resp: 134006
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.8 50.1 75.1

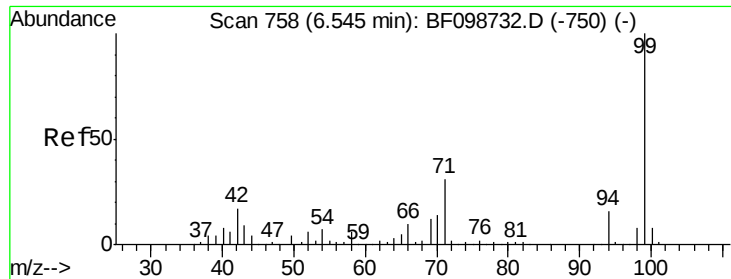


#5

2-Fluorophenol
Concen: 103.38 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Tgt Ion:112 Resp: 870225
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 26.5 23.7 35.5





#7

Phenol-d6

Concen: 91.94 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099236.D

Acq: 8 Oct 2017 17:04

Instrument :

BNA_F

ClientSampled :

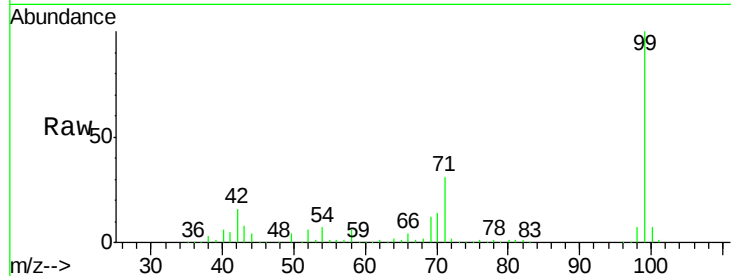
Tot Ion: 99 Resp: 954705

Ion Ratio Lower Upper

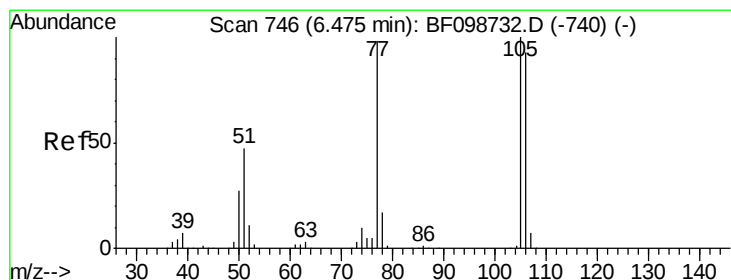
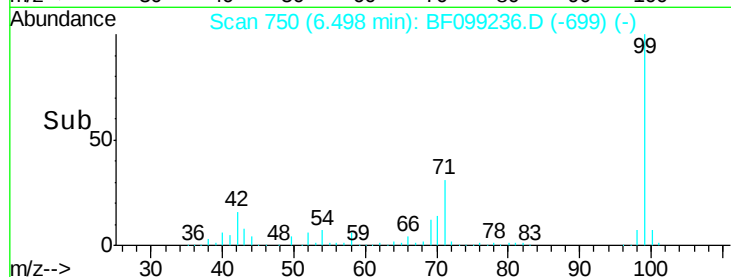
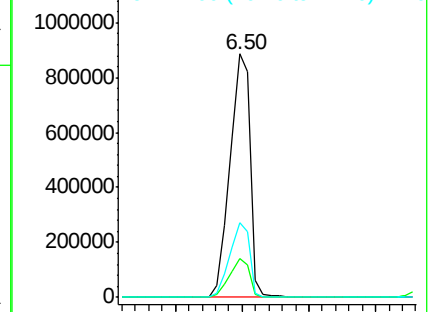
99 100

42 16.2 14.5 21.7

71 30.7 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: 3.00 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099236.D

Acq: 8 Oct 2017 17:04

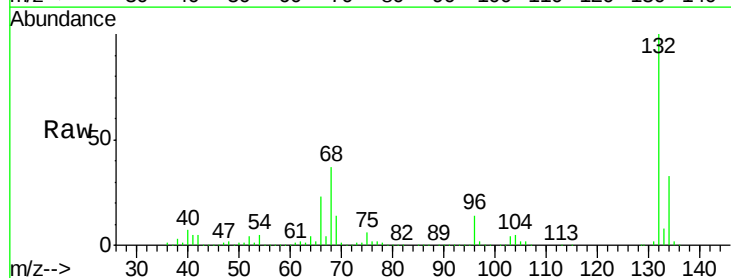
Tgt Ion: 77 Resp: 18071

Ion Ratio Lower Upper

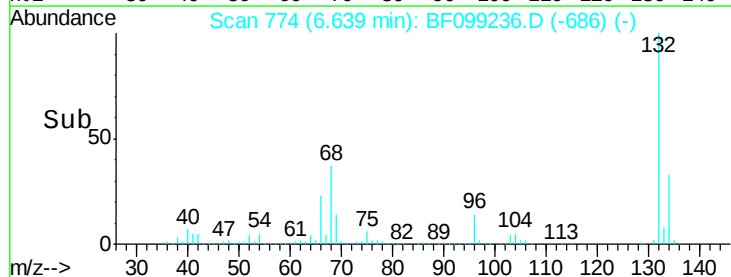
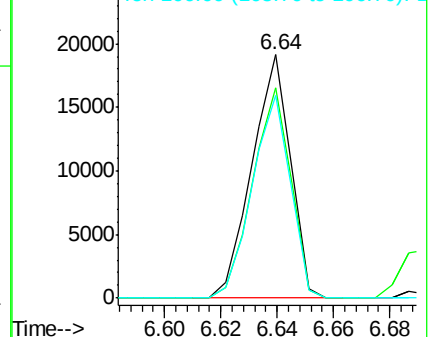
77 100

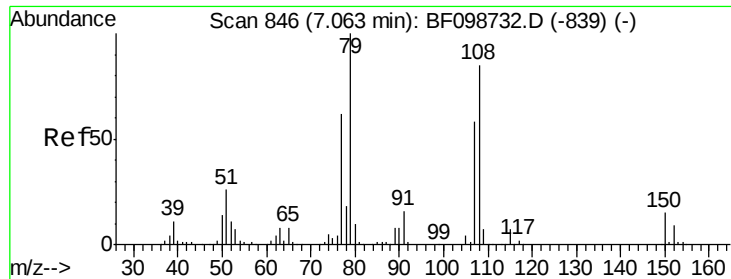
105 86.4 81.1 121.1

106 83.5 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





#15

Benzyl Alcohol

Concen: 11.02 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF099236.D

Acq: 8 Oct 2017 17:04

Instrument :

BNA_F

ClientSampled :

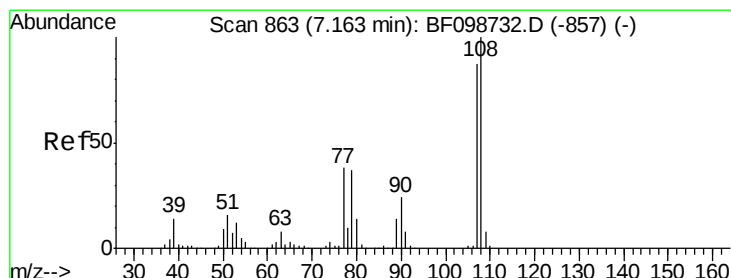
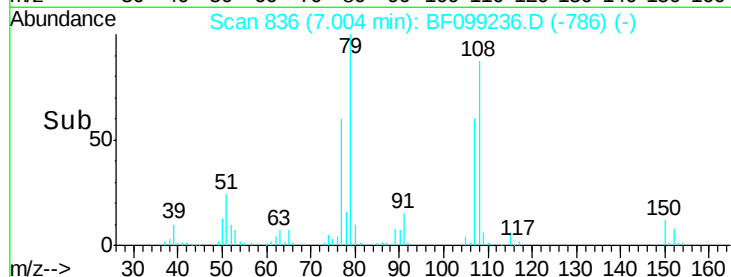
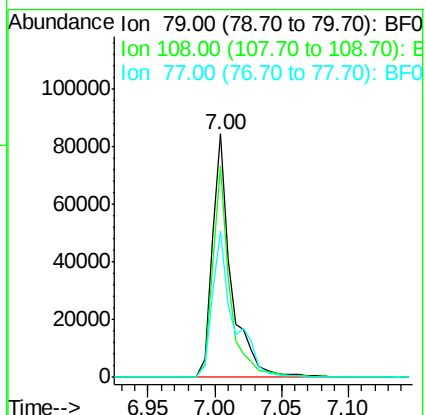
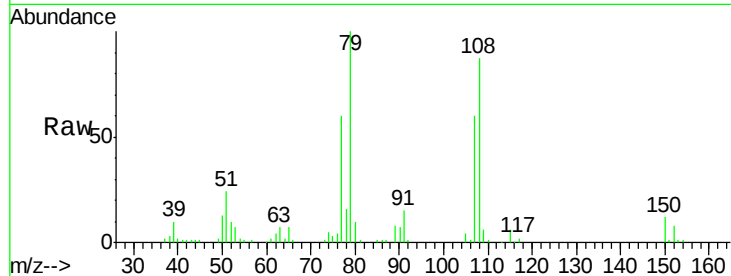
Tot Ion: 79 Resp: 83937

Ion Ratio Lower Upper

79 100

108 87.1 65.1 97.7

77 60.4 50.6 75.8



#17

2-Methylphenol

Concen: 5.61 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.11 min

Lab File: BF099236.D

Acq: 8 Oct 2017 17:04

Tgt Ion: 107 Resp: 43767

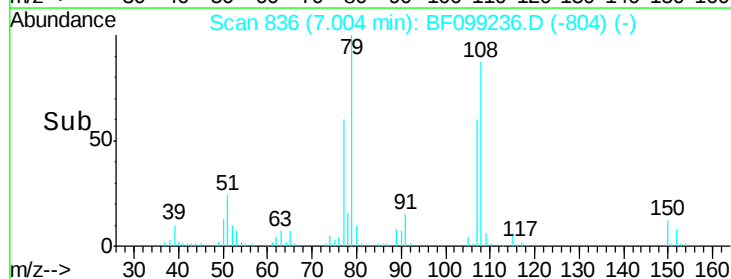
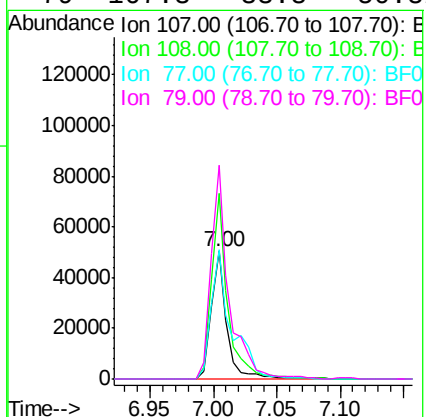
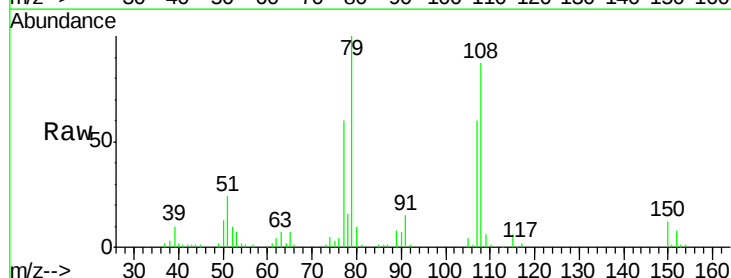
Ion Ratio Lower Upper

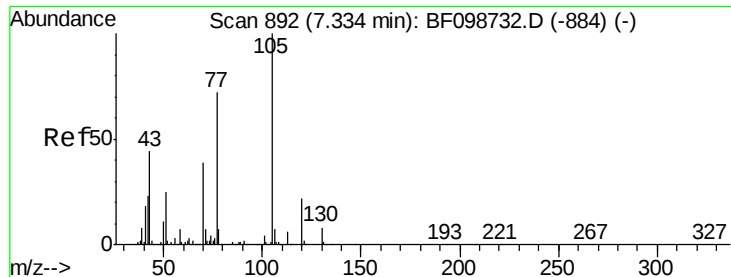
107 100

108 145.7 91.7 137.5#

77 101.0 33.8 50.8#

79 167.3 33.8 50.8#

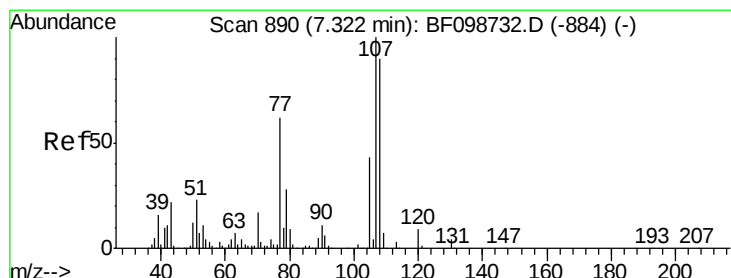
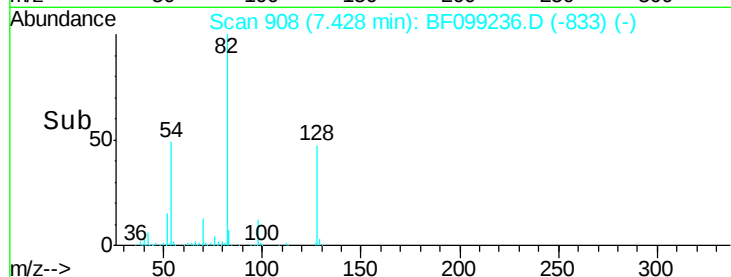
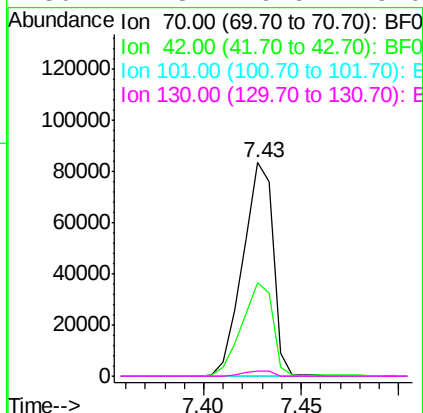
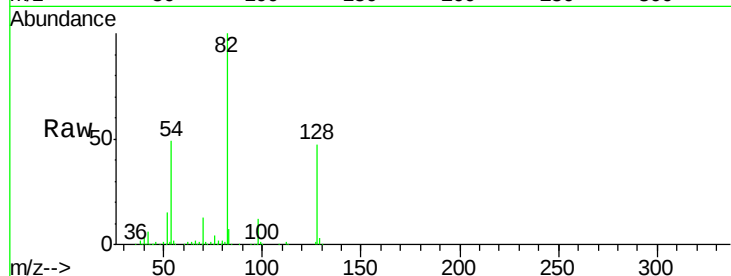




#19
n-Nitroso-di-n-propylamine
Concen: 13.58 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

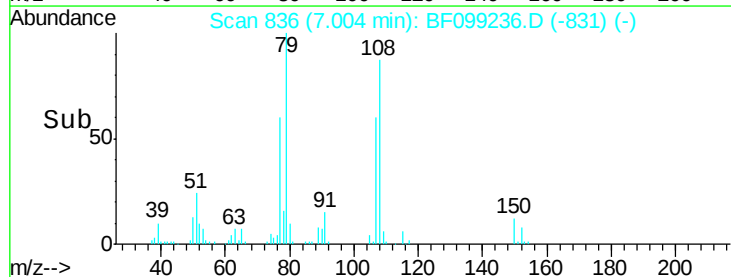
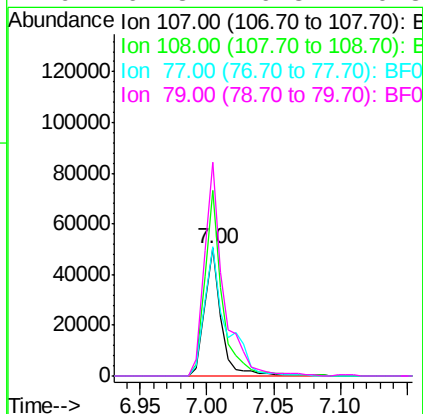
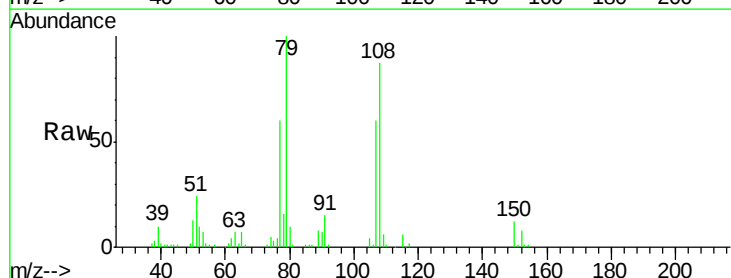
Instrument :
BNA_F
ClientSampleId :

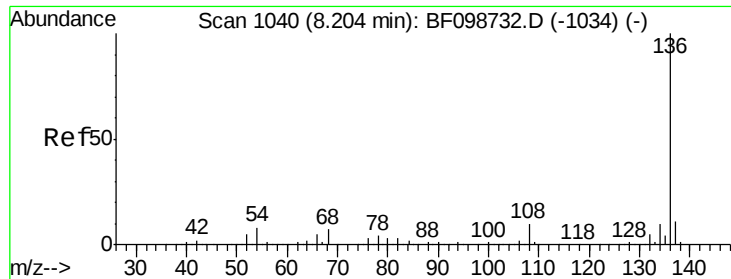
Tot Ion: 70 Resp: 90032
Ion Ratio Lower Upper
70 100
42 44.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#20
3+4-Methylphenols
Concen: 4.44 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.27 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Tgt Ion:107 Resp: 43766
Ion Ratio Lower Upper
107 100
108 145.7 68.2 108.2#
77 101.0 26.7 66.7#
79 167.3 6.3 46.3#

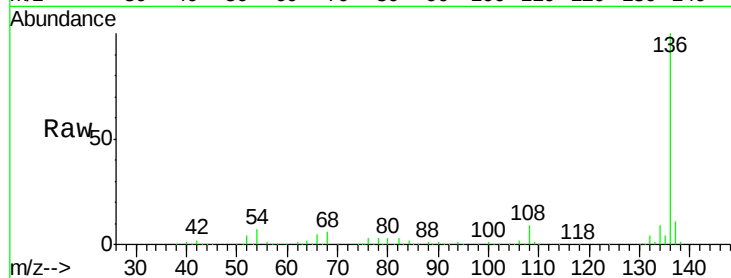




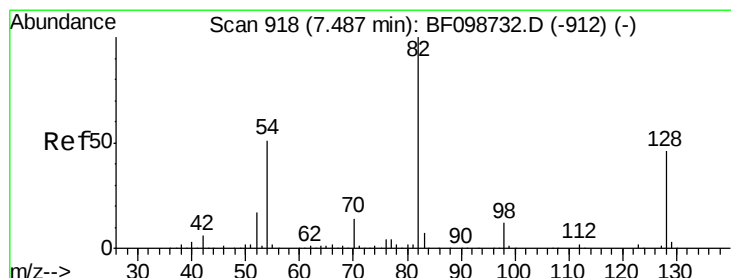
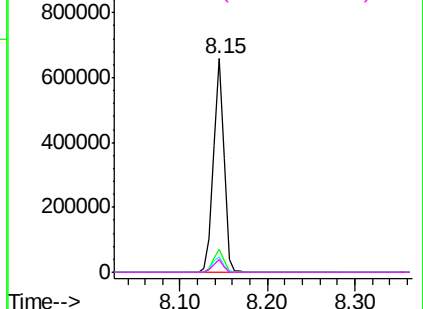
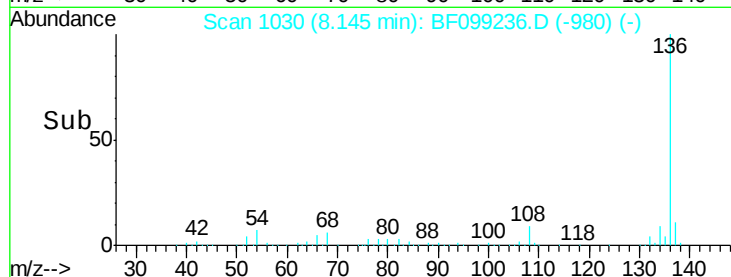
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	557538
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.1	6.6 9.8
68	6.1	5.0 7.4

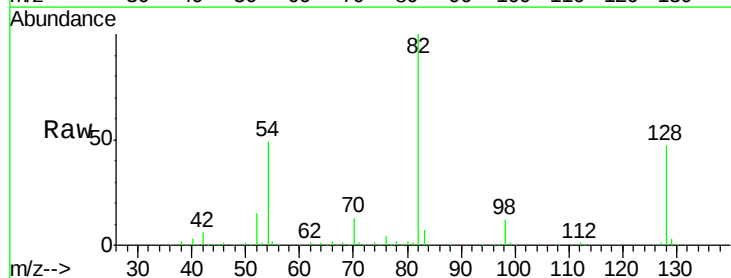


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

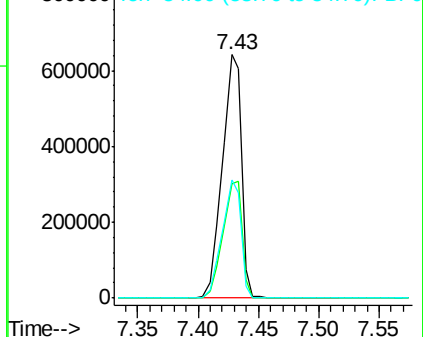
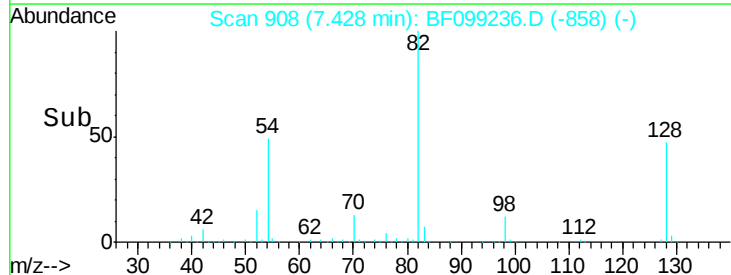


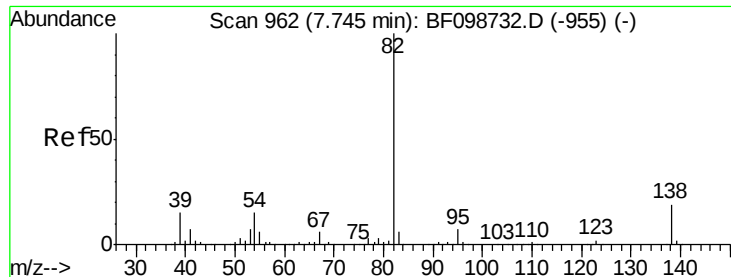
#23
Nitrobenzene-d5
Concen: 80.68 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Tgt Ion: 82	Resp:	701407
Ion Ratio	Lower	Upper
82	100	
128	47.1	36.1 54.1
54	48.5	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: 39.02 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099236.D

Acq: 8 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

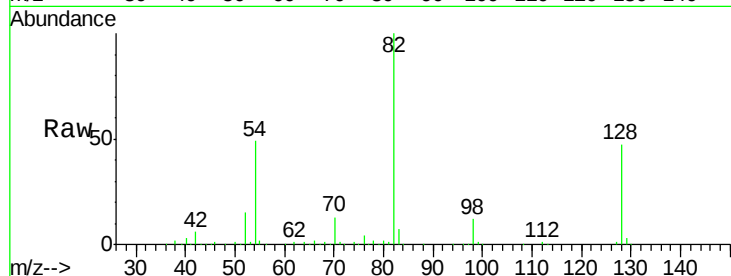
Tot Ion: 82 Resp: 701398

Ion Ratio Lower Upper

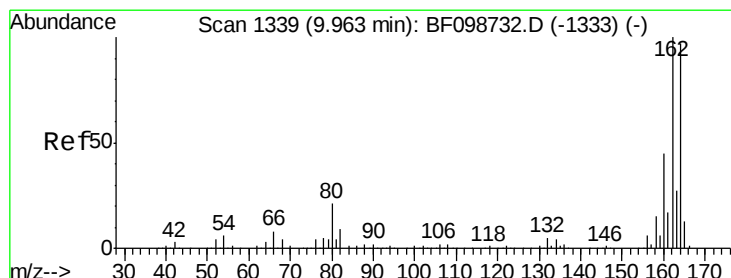
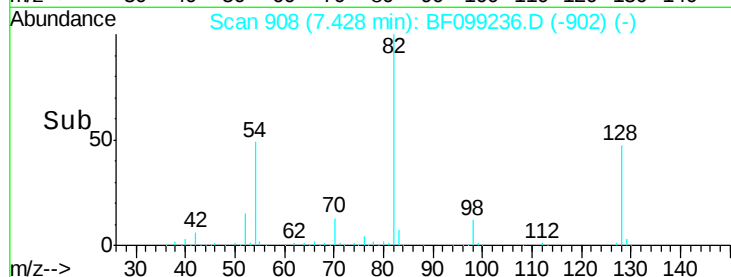
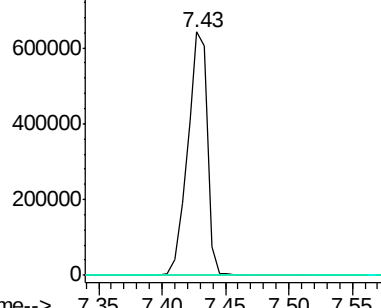
82 100

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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099236.D

Acq: 8 Oct 2017 17:04

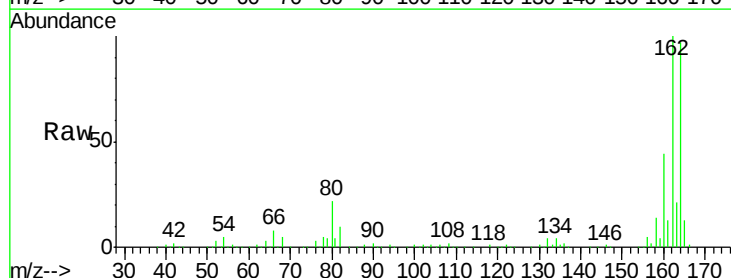
Tgt Ion: 164 Resp: 259717

Ion Ratio Lower Upper

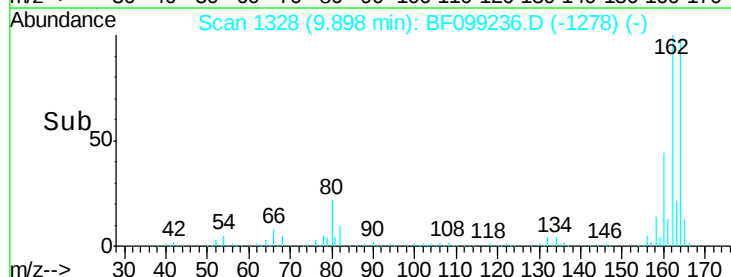
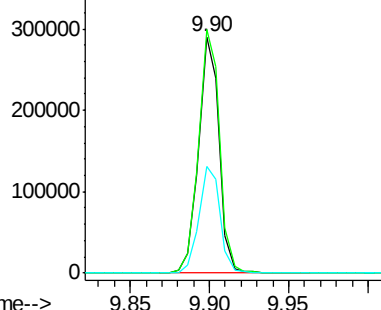
164 100

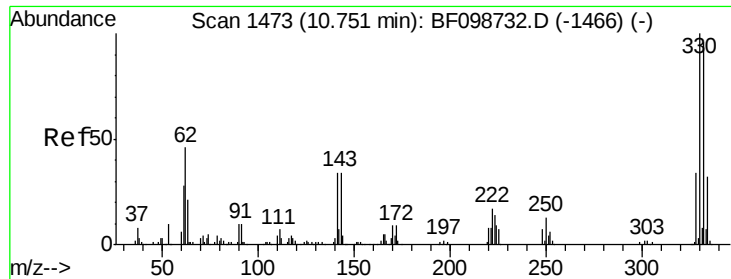
162 103.0 86.1 129.1

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

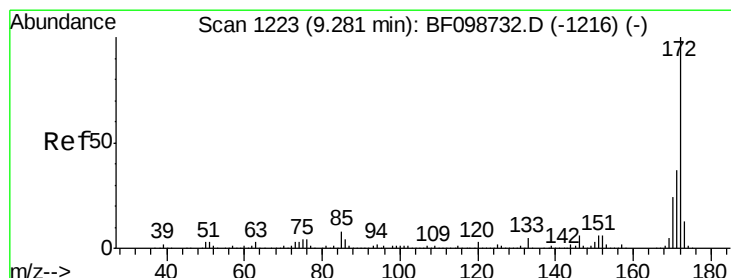
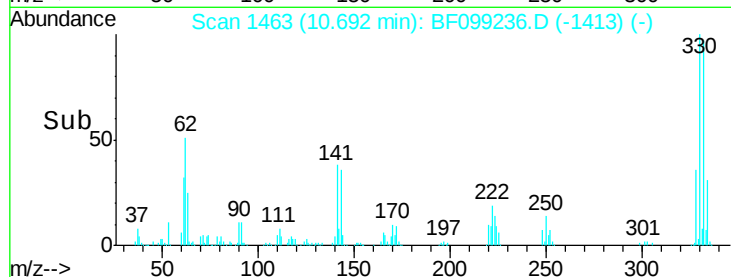
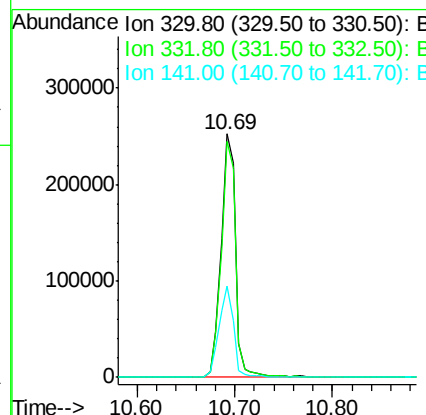
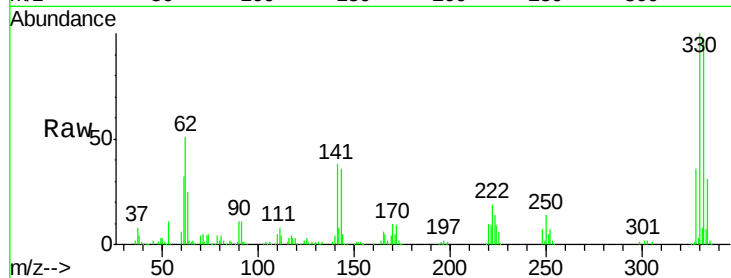




#41
 2,4,6-Tribromophenol
 Concen: 123.61 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099236.D
 Acq: 8 Oct 2017 17:04

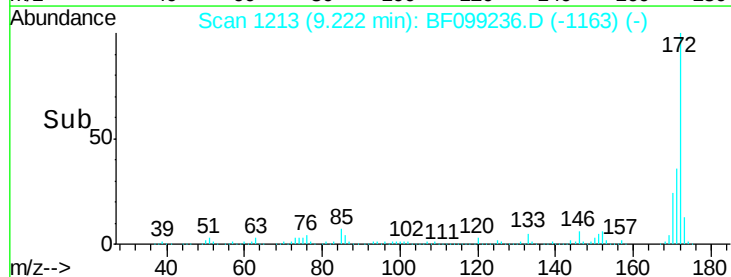
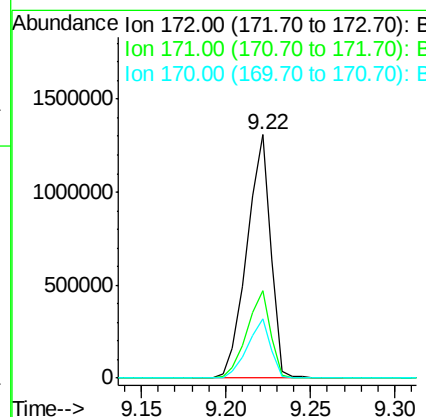
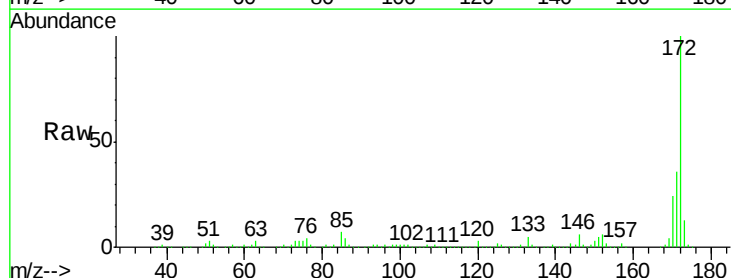
Instrument :
 BNA_F
 ClientSampleId :

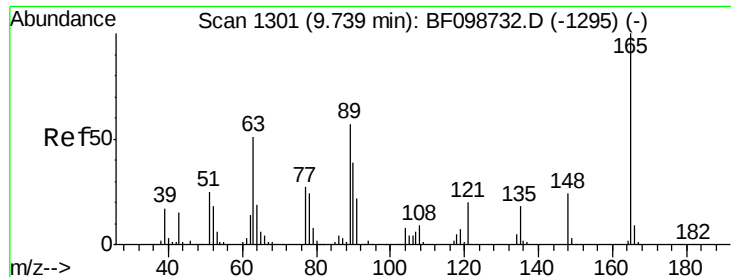
Tot Ion:330 Resp: 262705
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099236.D
 Acq: 8 Oct 2017 17:04

Tgt Ion:172 Resp: 1294210
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.1 19.6 29.4

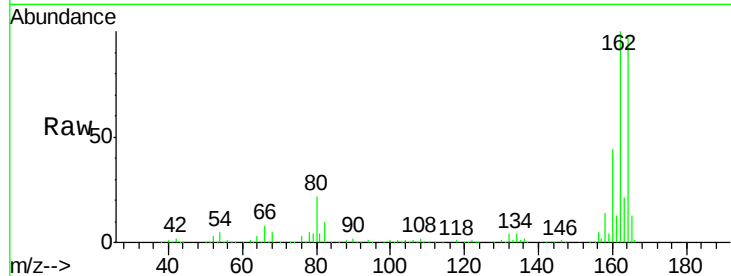




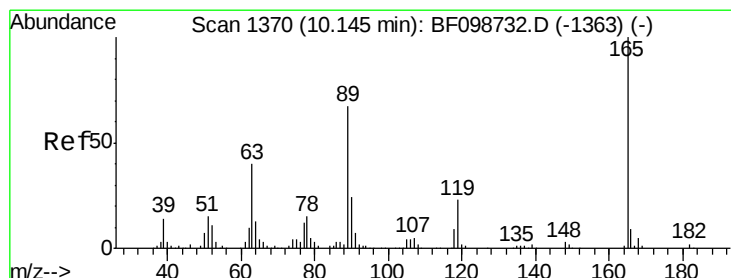
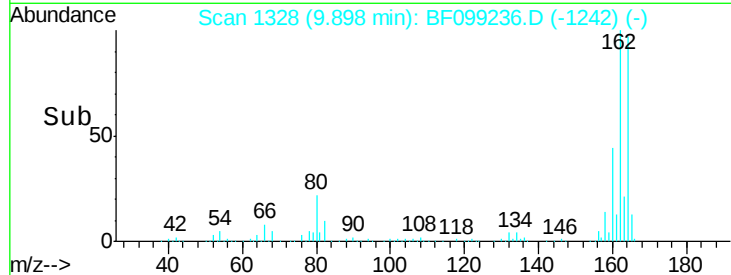
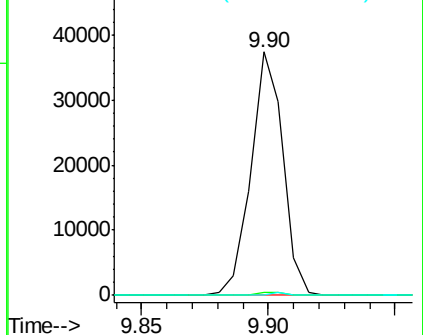
#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099236.D
 Acq: 8 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#



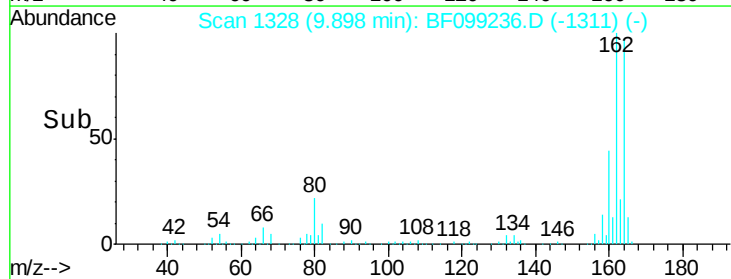
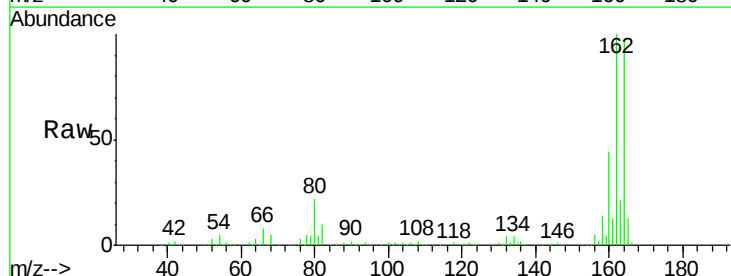
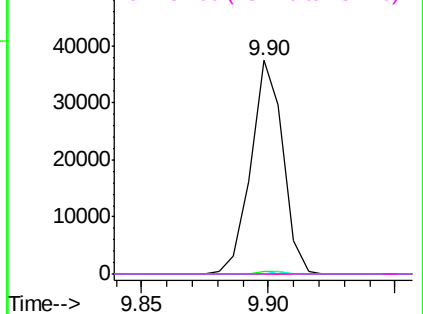
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

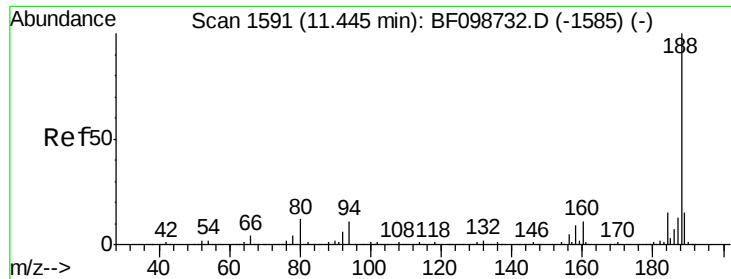


#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099236.D
 Acq: 8 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

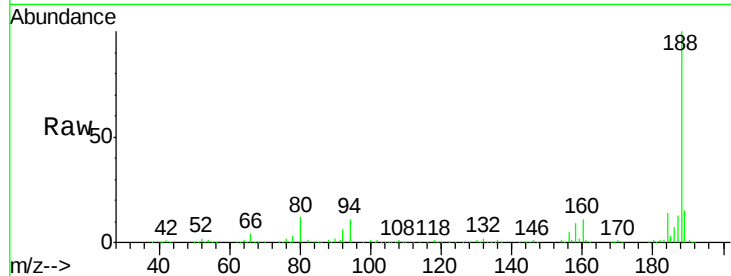




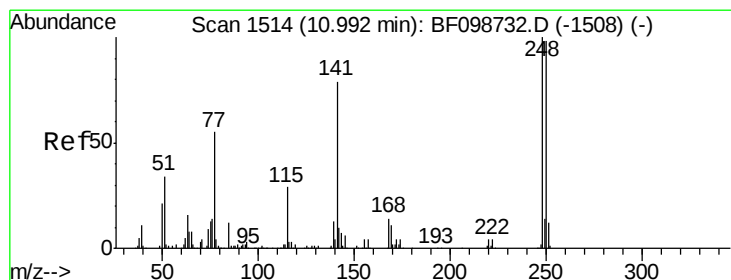
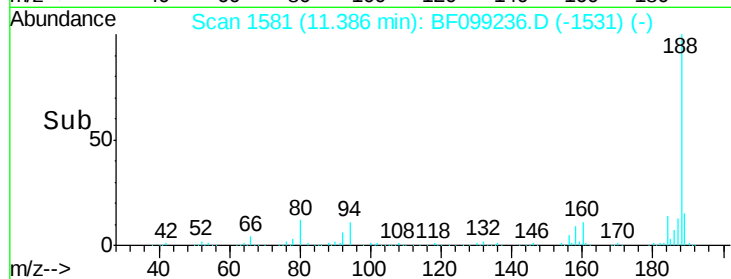
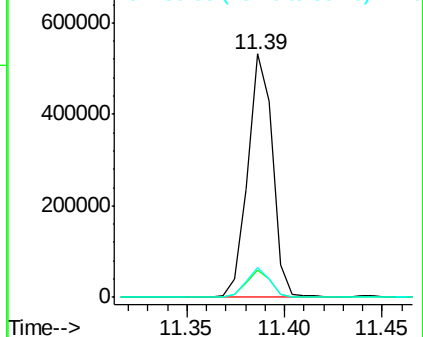
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 469065
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.3 9.2 13.8

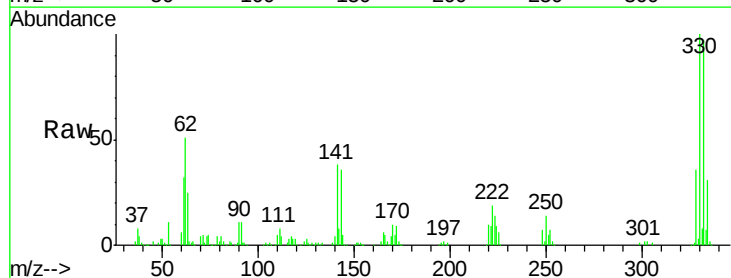


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

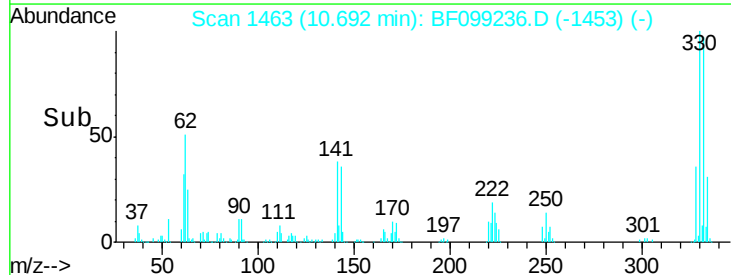
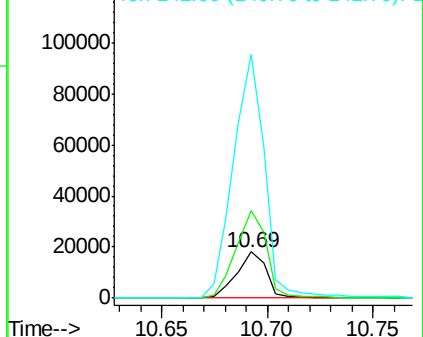


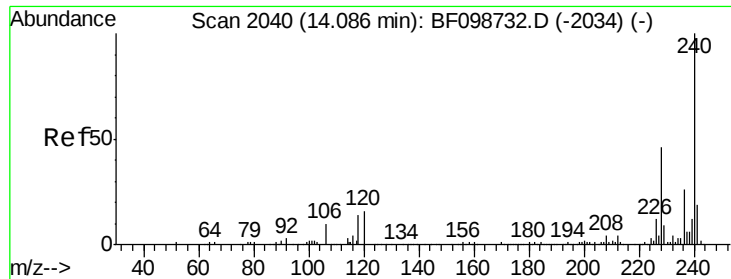
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Tgt Ion:248 Resp: 17787
Ion Ratio Lower Upper
248 100
250 189.4 76.9 115.3#
141 526.1 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

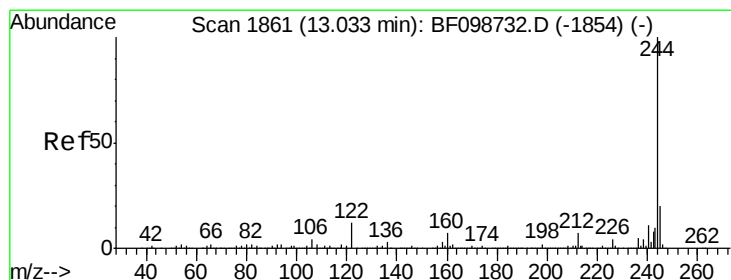
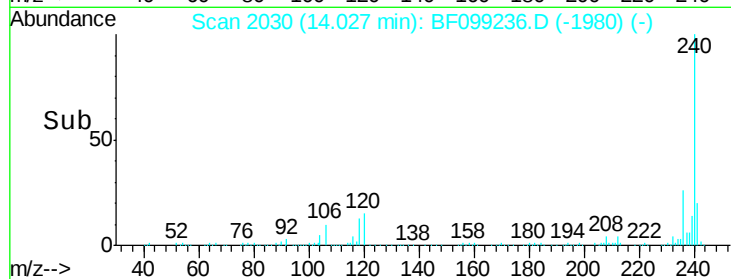
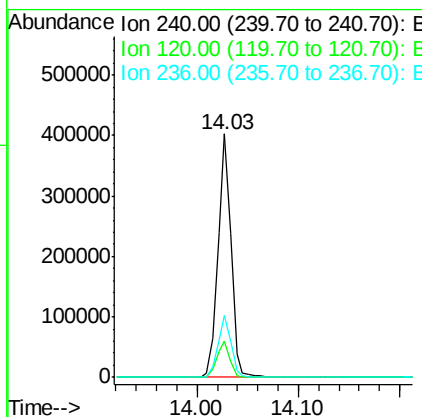
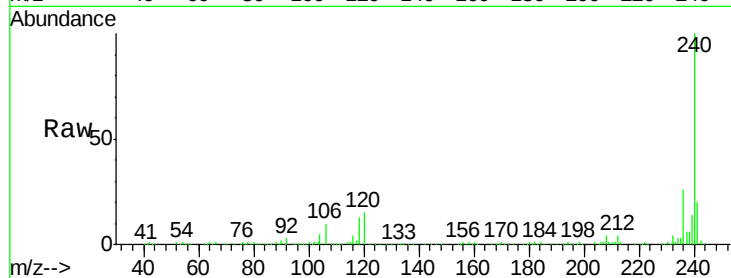




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099236.D
 Acq: 8 Oct 2017 17:04

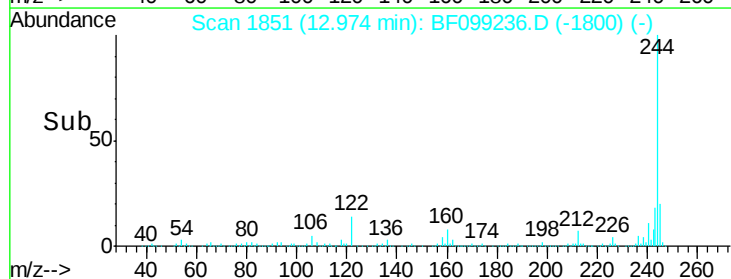
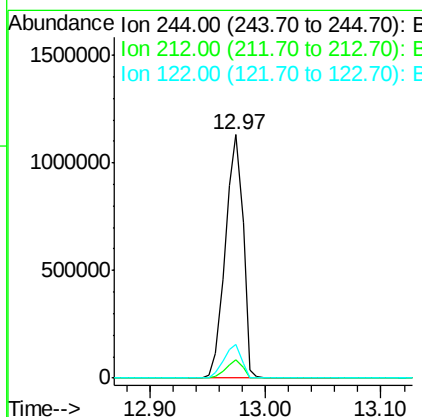
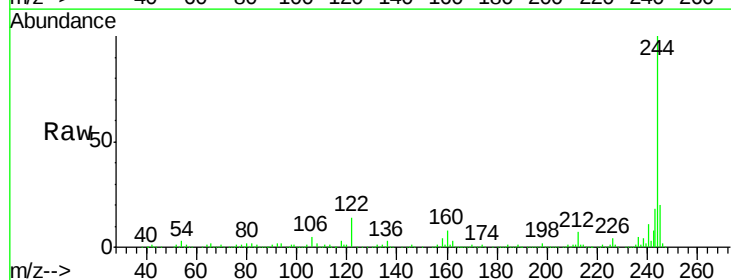
Instrument :
 BNA_F
 ClientSampleId :

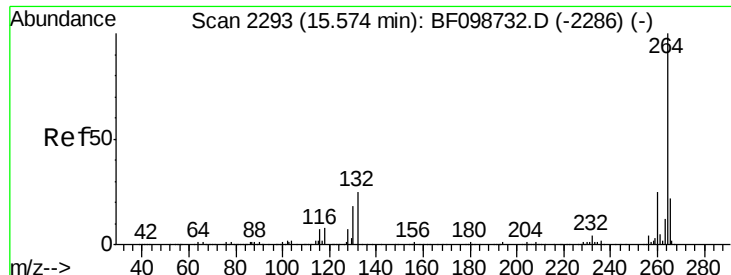
Tot Ion:240 Resp: 358454
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.01 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099236.D
 Acq: 8 Oct 2017 17:04

Tgt Ion:244 Resp: 1197994
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.6 11.0 16.4

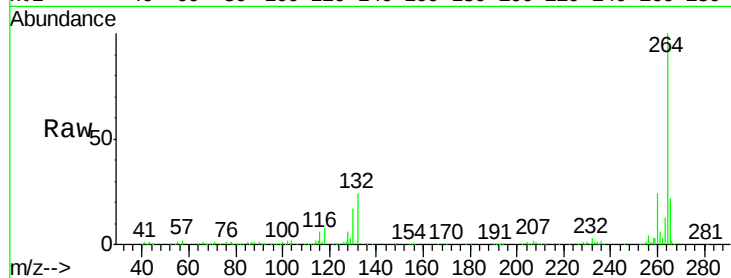




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099236.D
Acq: 8 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 256228
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.8 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

