

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098624.D
 Acq On : 19 Sep 2017 2:12
 Operator : SJ/JU
 Sample : I5260-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:42:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

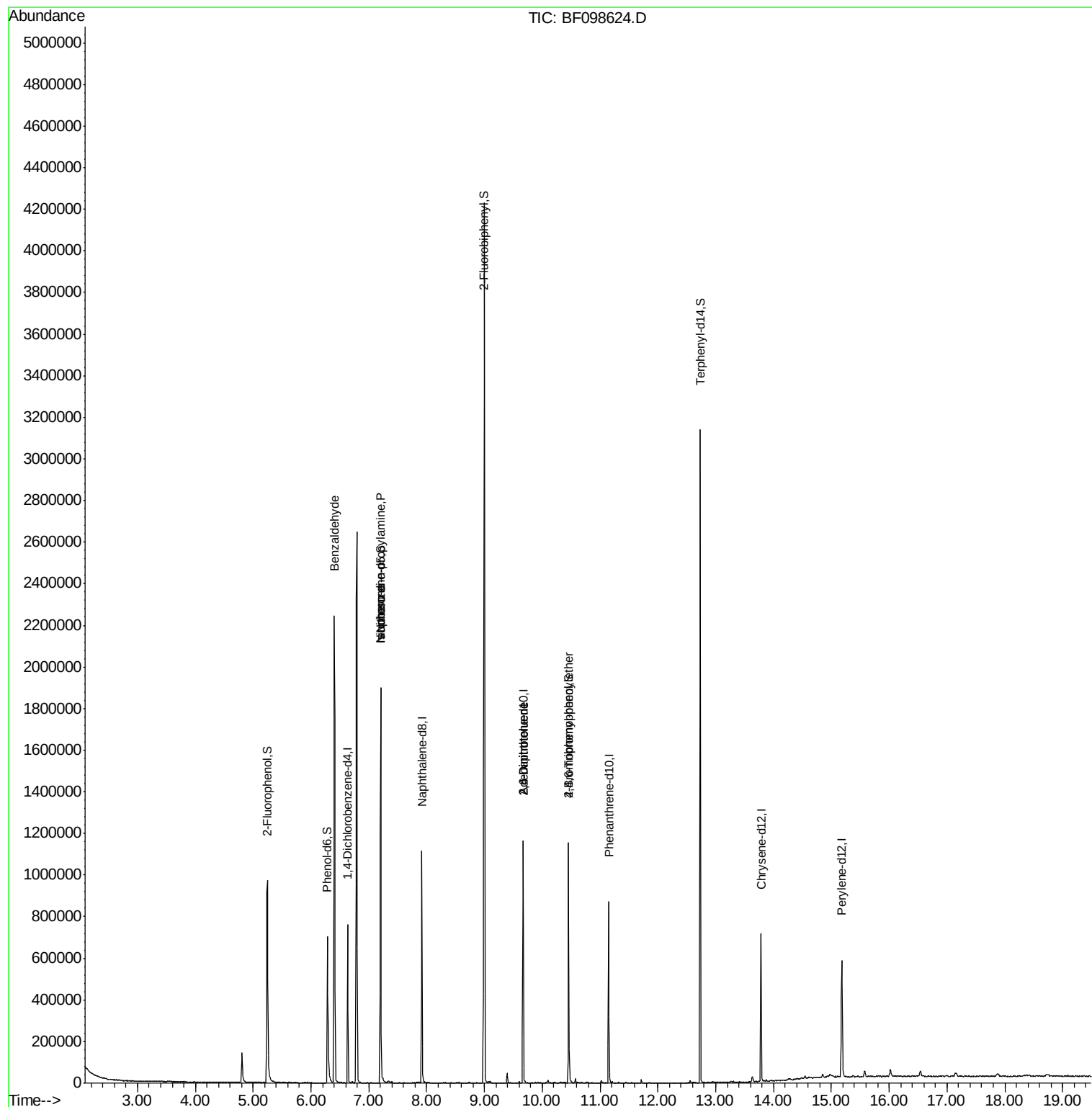
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	103512	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	483172	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	211622	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	297542	20.00	ng	0.00
75) Chrysene-d12	13.79	240	254003	20.00	ng	0.00
86) Perylene-d12	15.18	264	229928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	329320	47.04	ng	0.00
7) Phenol-d6	6.29	99	251868	28.33	ng	0.00
23) Nitrobenzene-d5	7.20	82	686851	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	108794	77.03	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1239172	99.25	ng	0.00
78) Terphenyl-d14	12.73	244	882593	75.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	12948	2.228	ng	83
19) n-Nitroso-di-n-propylamine	7.20	70	93435	16.711	ng	# 79
25) Isophorone	7.20	82	686846	39.169	ng	# 67
50) 2,6-Dinitrotoluene	9.67	165	27313	8.117	ng	# 34
56) 2,4-Dinitrotoluene	9.67	165	27313	6.677	ng	# 34
66) 4-Bromophenyl-phenylether	10.46	248	8391	2.971	ng	# 1

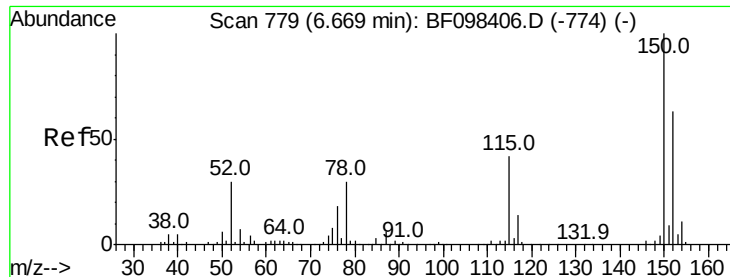
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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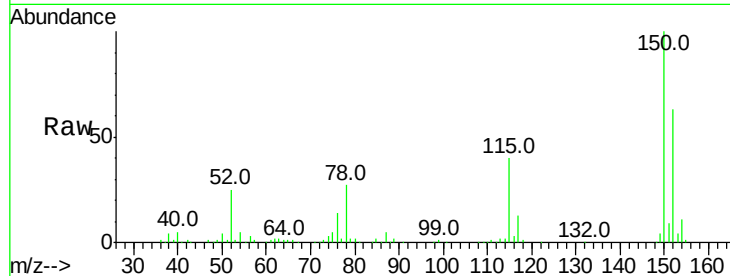


#1

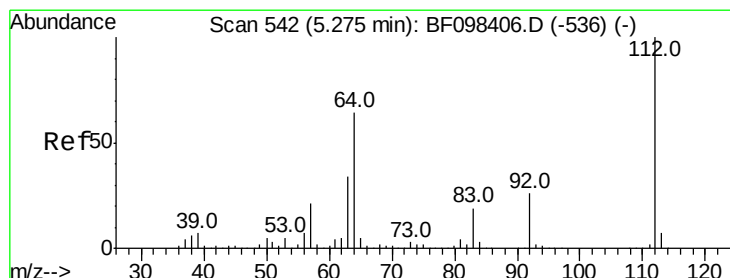
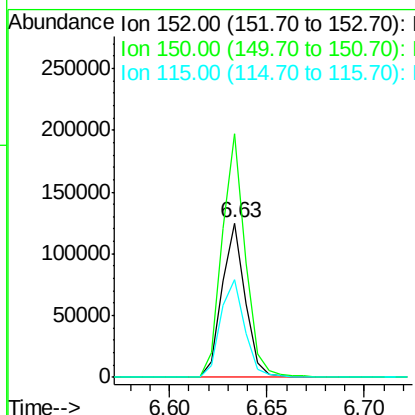
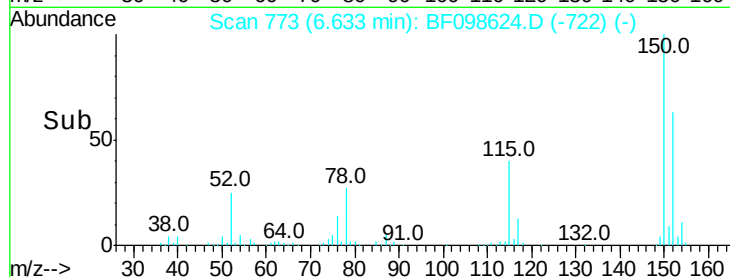
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098624.D
Acq: 19 Sep 2017 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103512
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 63.1 52.2 78.2



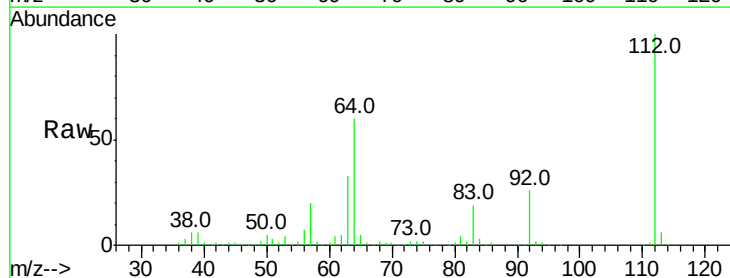
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



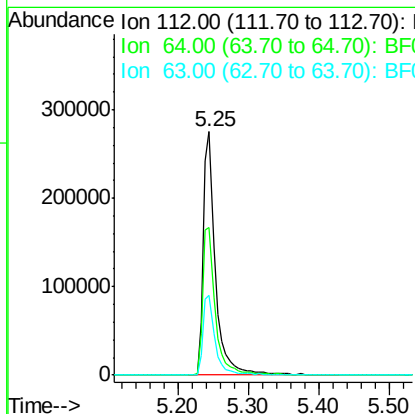
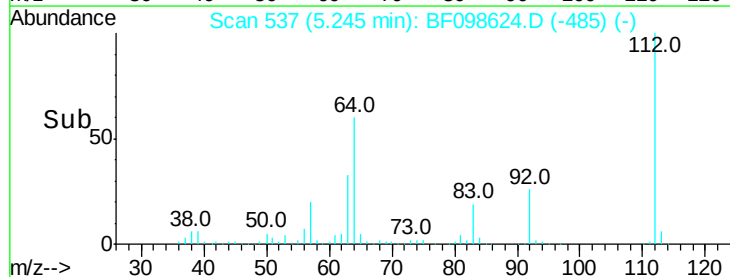
#5

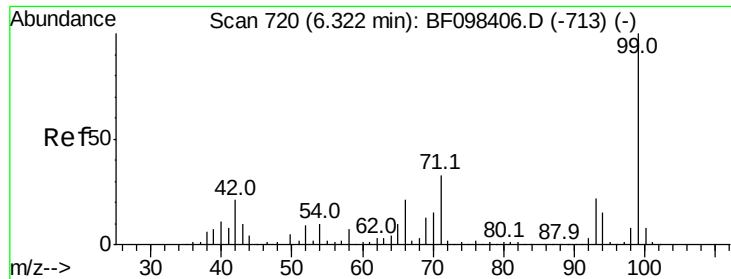
2-Fluorophenol
Concen: 47.039 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098624.D
Acq: 19 Sep 2017 2:12

Tgt Ion:112 Resp: 329320
Ion Ratio Lower Upper
112 100
64 60.4 46.0 69.0
63 32.9 23.4 35.0



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: 28.335 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampleId :

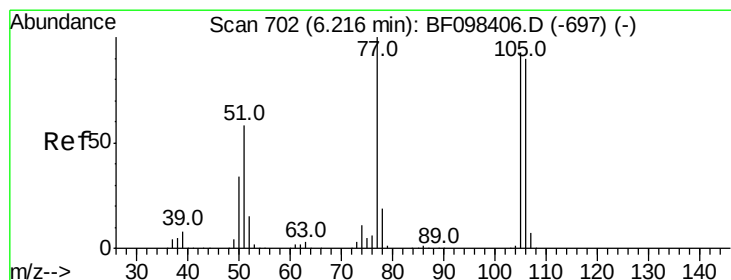
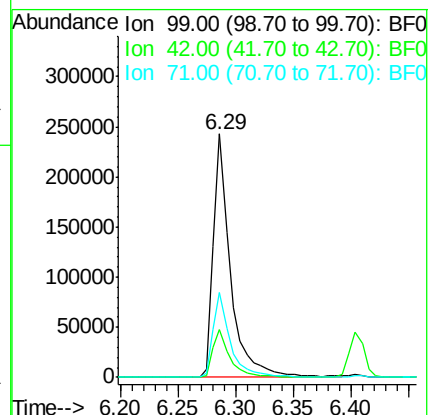
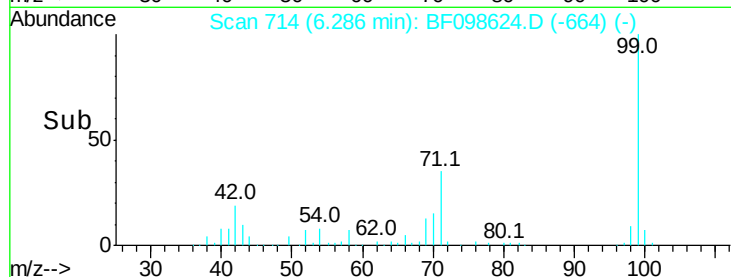
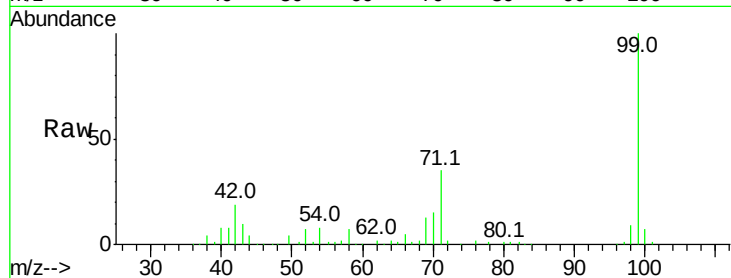
Tot Ion: 99 Resp: 251868

Ion Ratio Lower Upper

99 100

42 19.4 13.5 20.3

71 34.9 24.5 36.7



#9

Benzaldehyde

Concen: 2.228 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.22 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

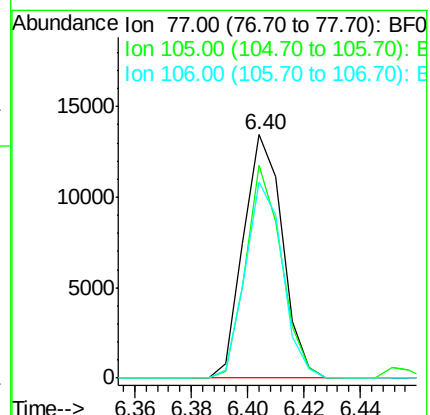
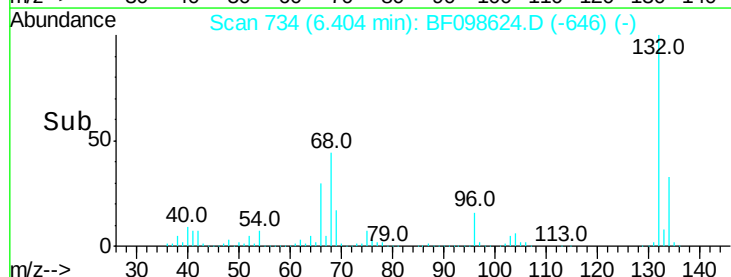
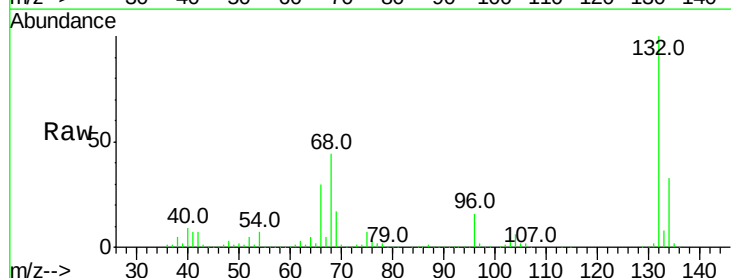
Tgt Ion: 77 Resp: 12948

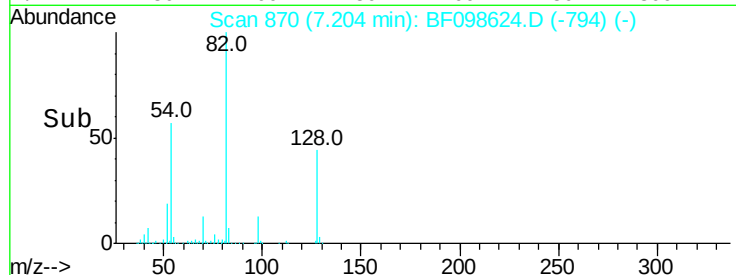
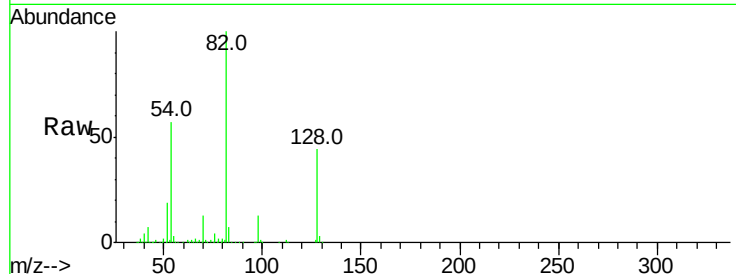
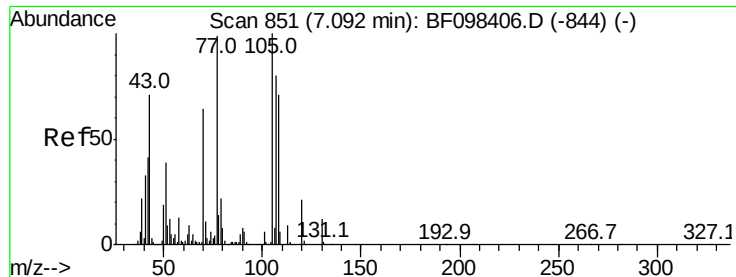
Ion Ratio Lower Upper

77 100

105 87.4 83.8 123.8

106 80.6 79.1 119.1

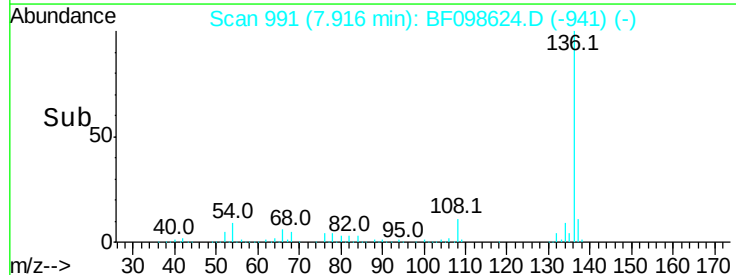
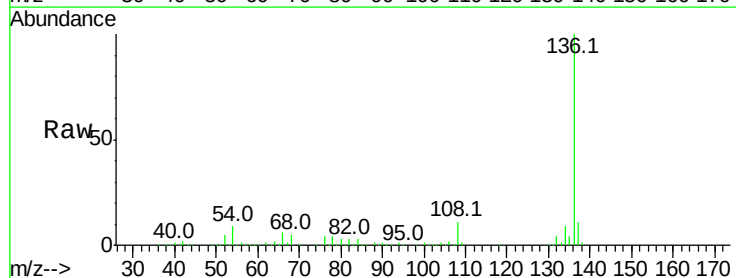
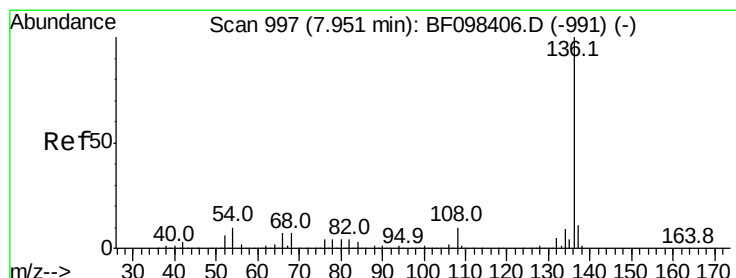
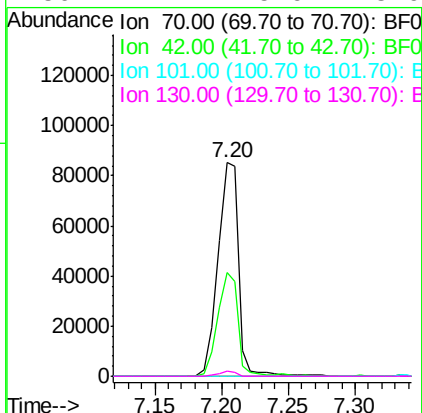




#19
n-Nitroso-di-n-propylamine
Concen: 16.711 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098624.D
Acq: 19 Sep 2017 2:12

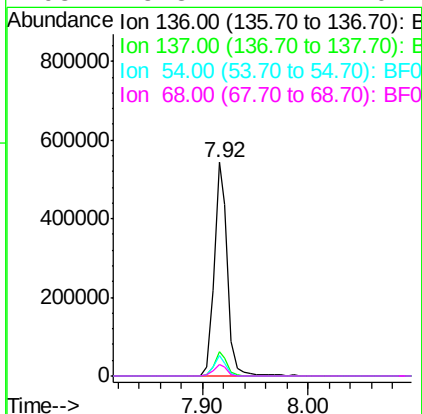
Instrument :
BNA_F
ClientSampleId :

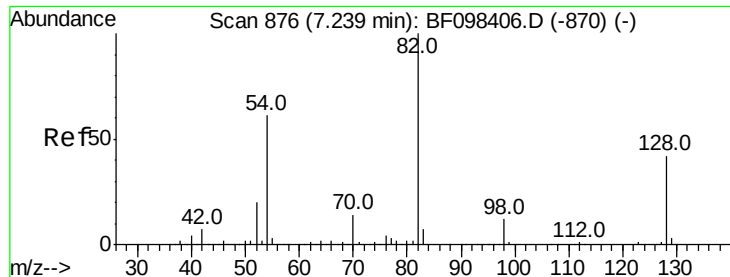
Tot Ion:	70	Resp:	93435
Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098624.D
Acq: 19 Sep 2017 2:12

Tgt Ion:	136	Resp:	483172
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.5	4.9	7.3#
68	5.3	4.1	6.1





#23

Nitrobenzene-d5

Concen: 79.251 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampled :

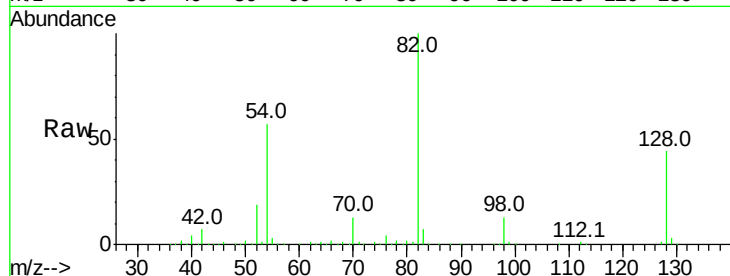
Tot Ion: 82 Resp: 686851

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

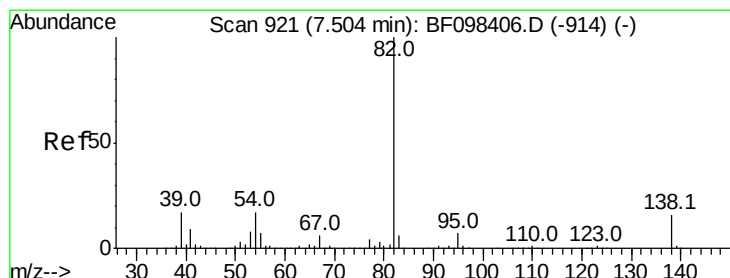
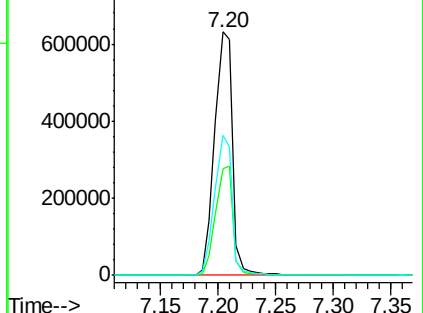
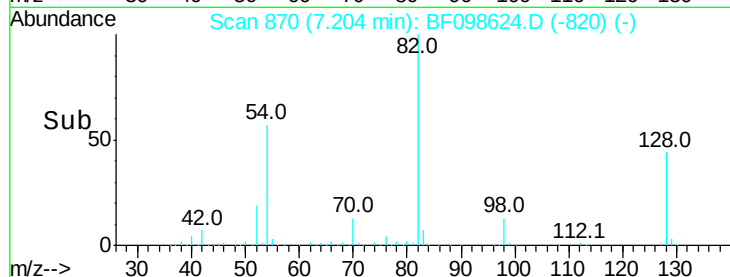
54 57.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 39.169 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

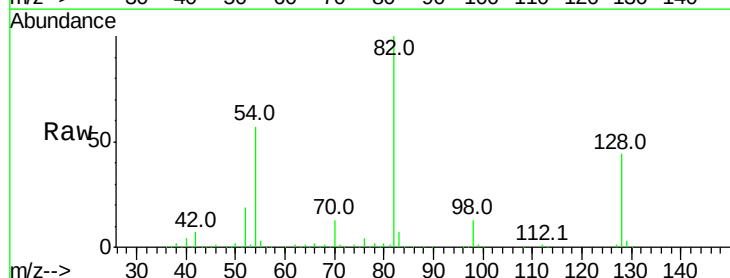
Tgt Ion: 82 Resp: 686846

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

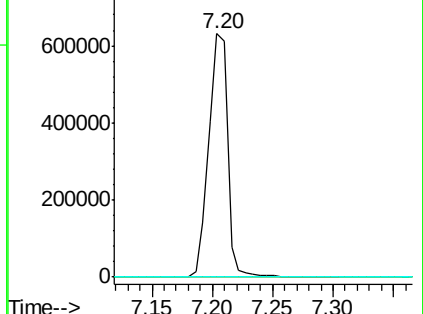
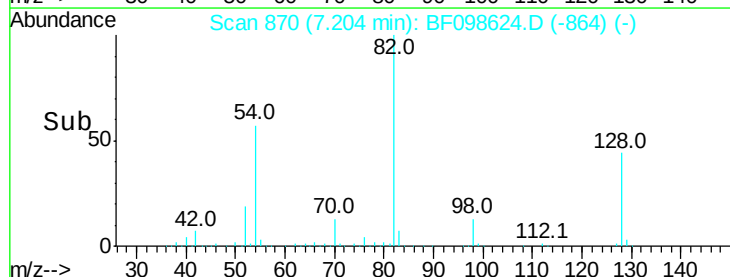
138 0.0 13.1 19.7#

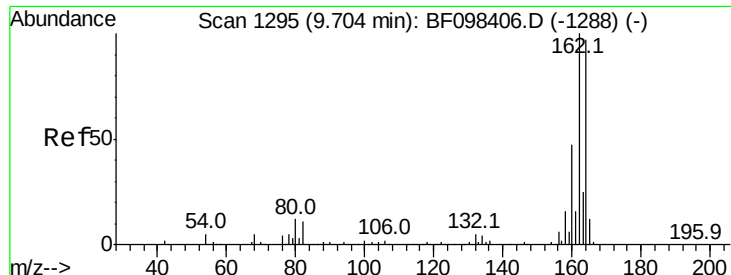


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

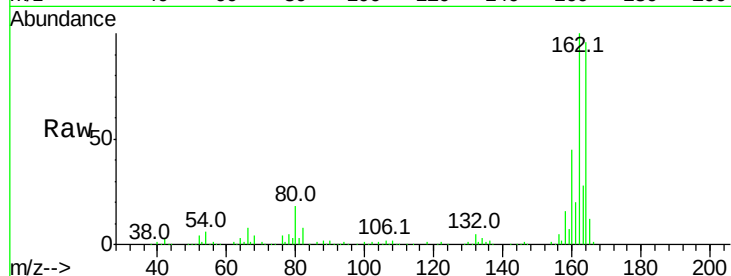




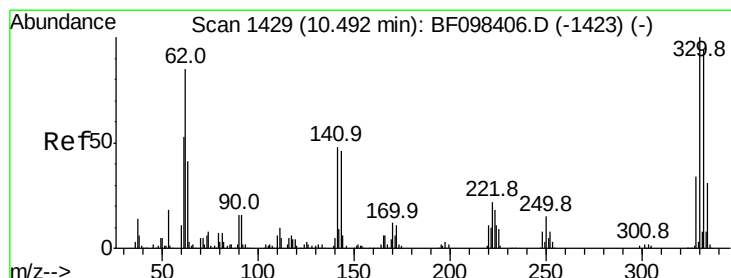
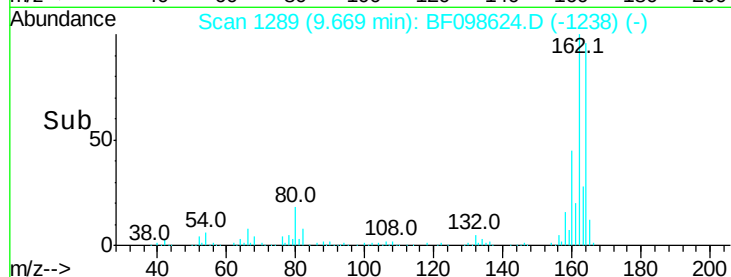
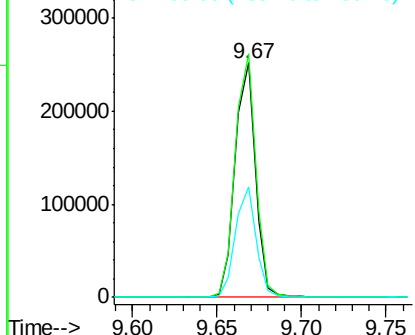
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 211622
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 47.2 36.2 54.2

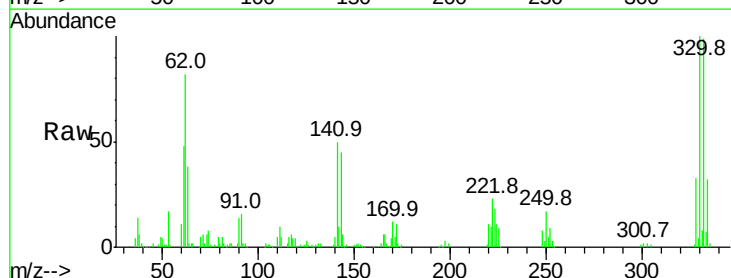


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

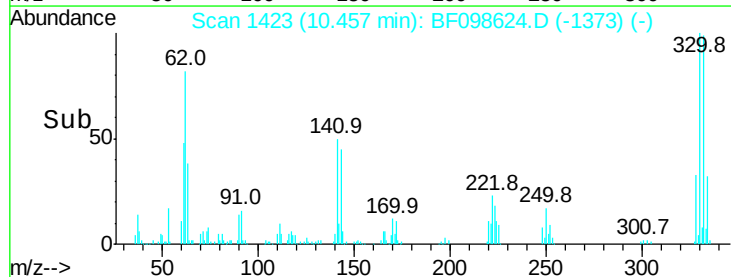
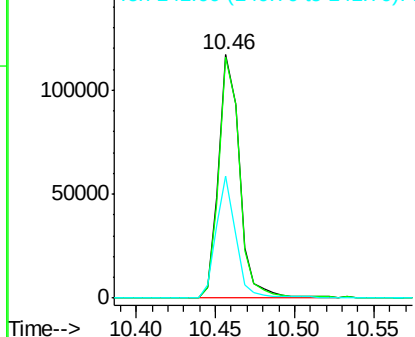


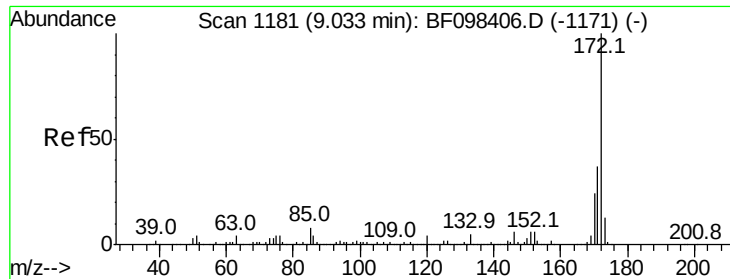
#41
 2,4,6-Tribromophenol
 Concen: 77.027 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Tgt Ion:330 Resp: 108794
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 46.7 31.4 47.2



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



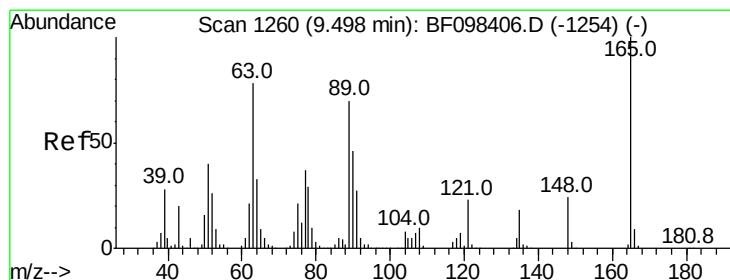
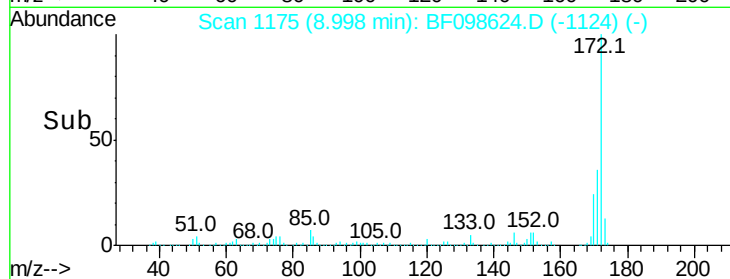
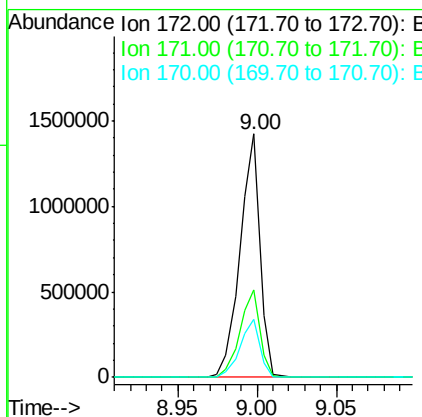
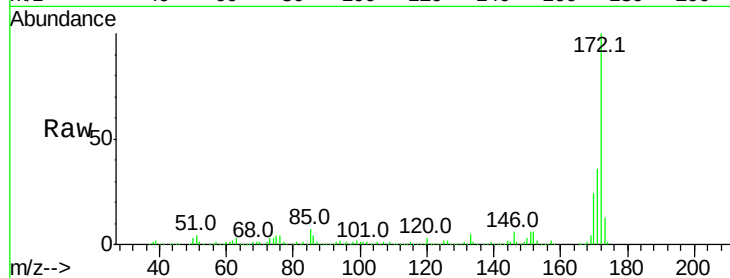


#44
 2-Fluorobiphenyl
 Concen: 99.247 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1239172

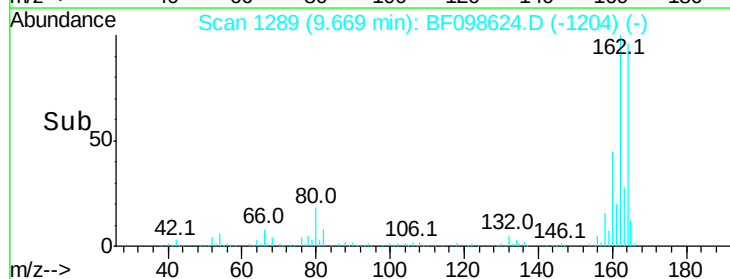
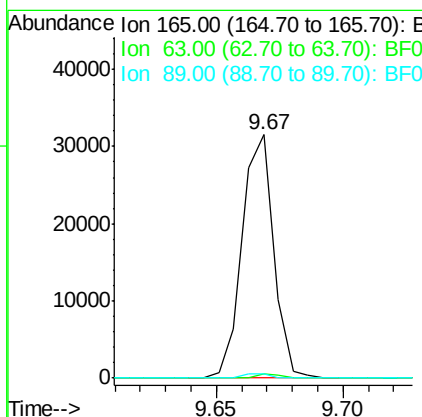
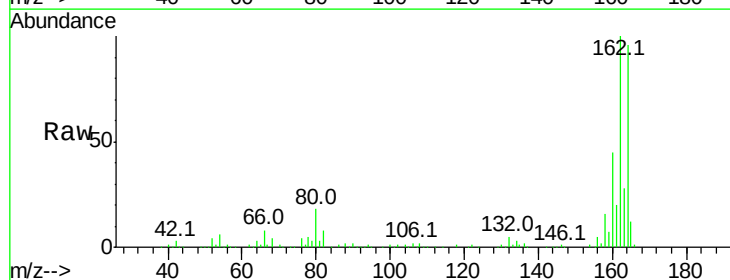
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8

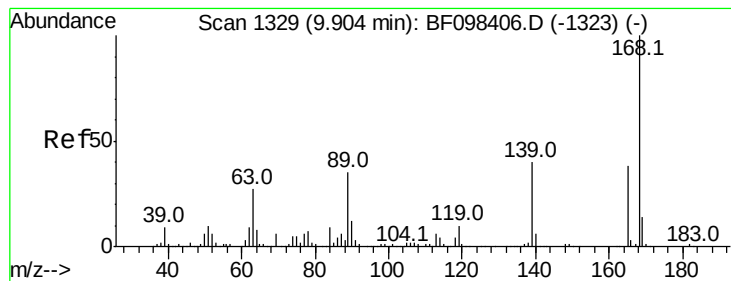


#50
 2,6-Dinitrotoluene
 Concen: 8.117 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.20 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Tgt Ion:165 Resp: 27313

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	2.0	37.1	55.7#





#56

2,4-Dinitrotoluene

Concen: 6.677 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.21 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 27313

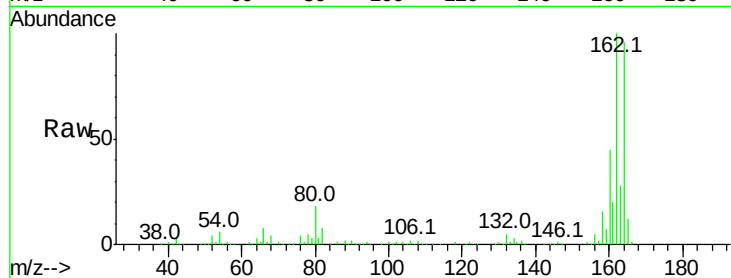
Ion Ratio Lower Upper

165 100

63 2.0 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

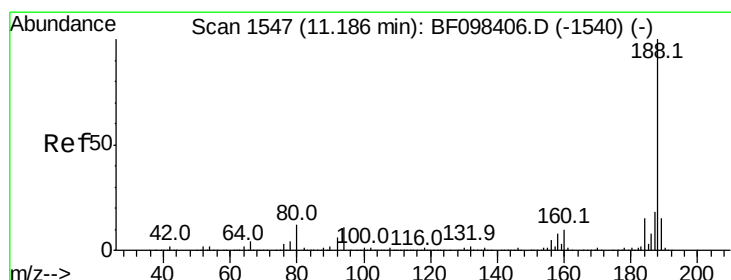
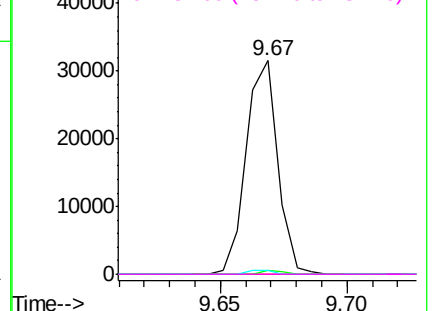
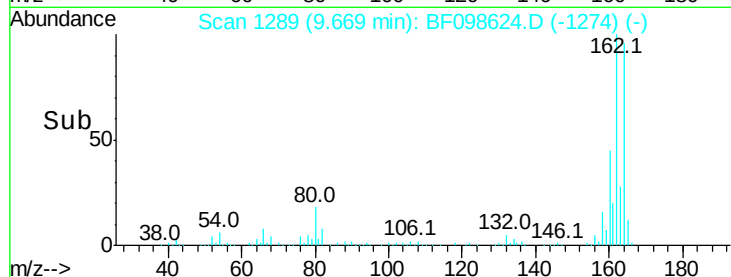


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF098624.D

Acq: 19 Sep 2017 2:12

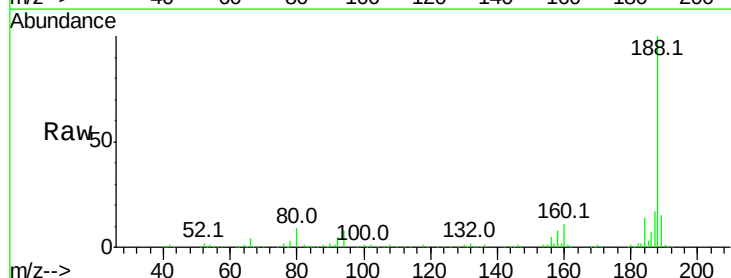
Tgt Ion:188 Resp: 297542

Ion Ratio Lower Upper

188 100

94 7.7 9.4 14.2#

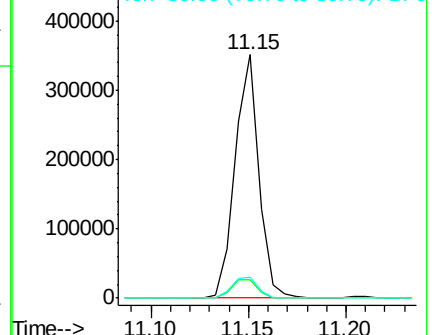
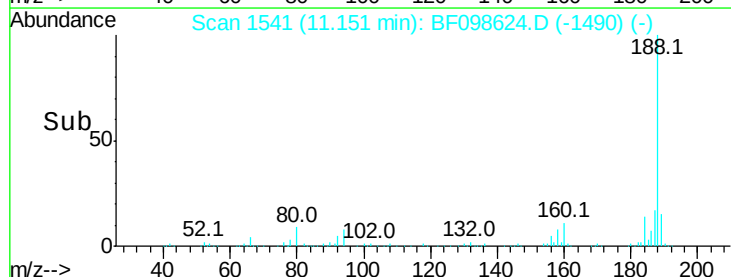
80 8.6 10.2 15.2#

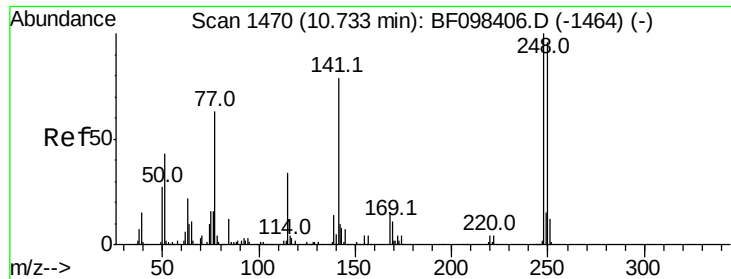


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

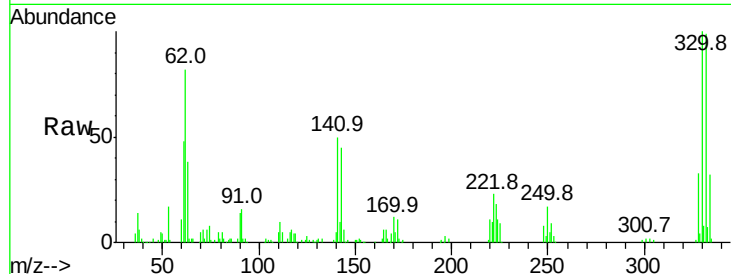




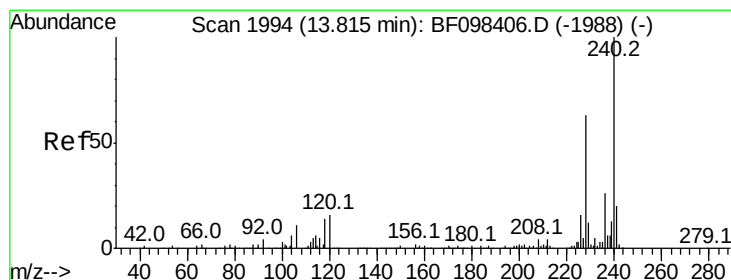
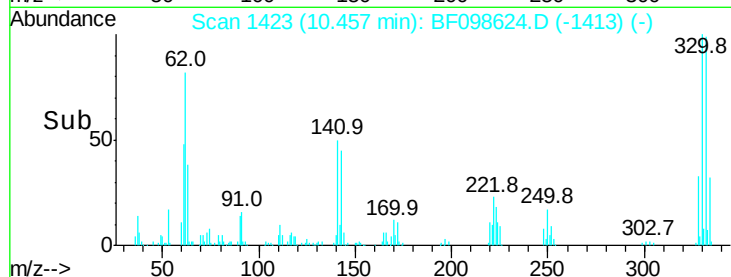
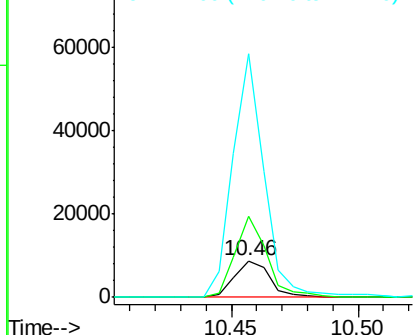
#66
 4-Bromophenyl-phenylether
 Concen: 2.971 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.24 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8391
 Ion Ratio Lower Upper
 248 100
 250 221.5 76.8 115.2#
 141 661.7 68.6 103.0#

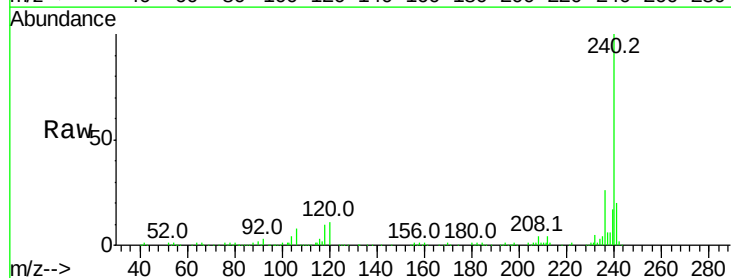


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

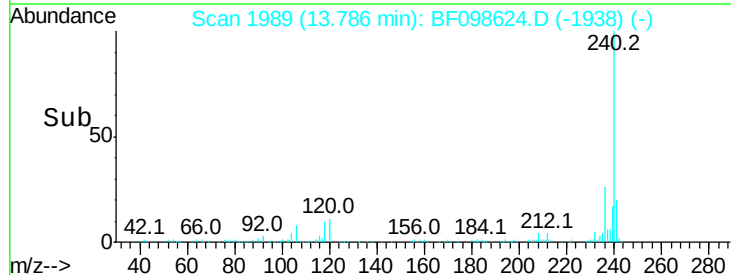
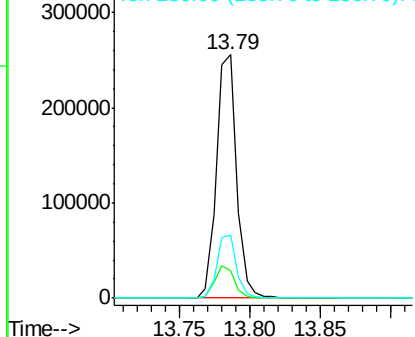


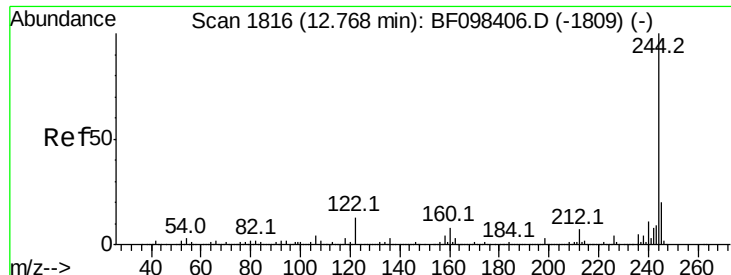
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Tgt Ion:240 Resp: 254003
 Ion Ratio Lower Upper
 240 100
 120 11.3 5.8 8.8#
 236 25.8 20.5 30.7



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



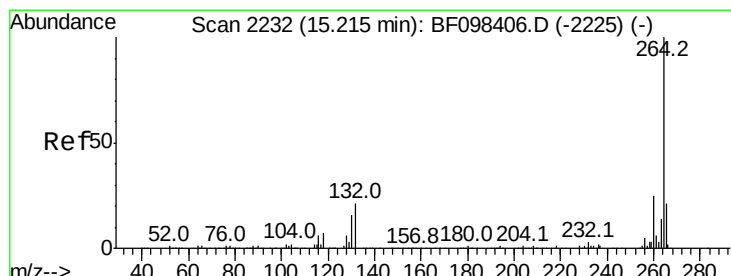
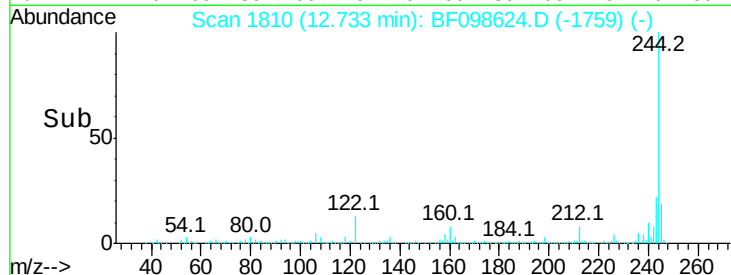
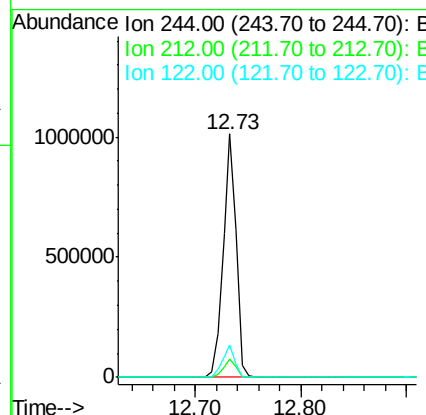
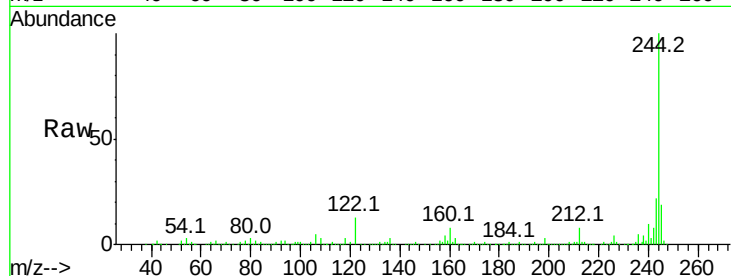


#78
 Terphenyl-d14
 Concen: 75.001 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 882593

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.3	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098624.D
 Acq: 19 Sep 2017 2:12

Tgt Ion:264 Resp: 229928

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8

