

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098435.D
 Acq On : 12 Sep 2017 6:33
 Operator : SJ/JU
 Sample : I5138-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:48:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	213581	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	859159	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	347250	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	521768	20.00	ng	0.00
75) Chrysene-d12	13.82	240	360423	20.00	ng	0.00
86) Perylene-d12	15.22	264	348711	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1798433	124.50	ng	0.01
7) Phenol-d6	6.33	99	2216669	120.86	ng	0.00
23) Nitrobenzene-d5	7.24	82	1372055	89.03	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	308631	133.17	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1576419	76.94	ng	0.00
78) Terphenyl-d14	12.76	244	887610	53.16	ng	0.00

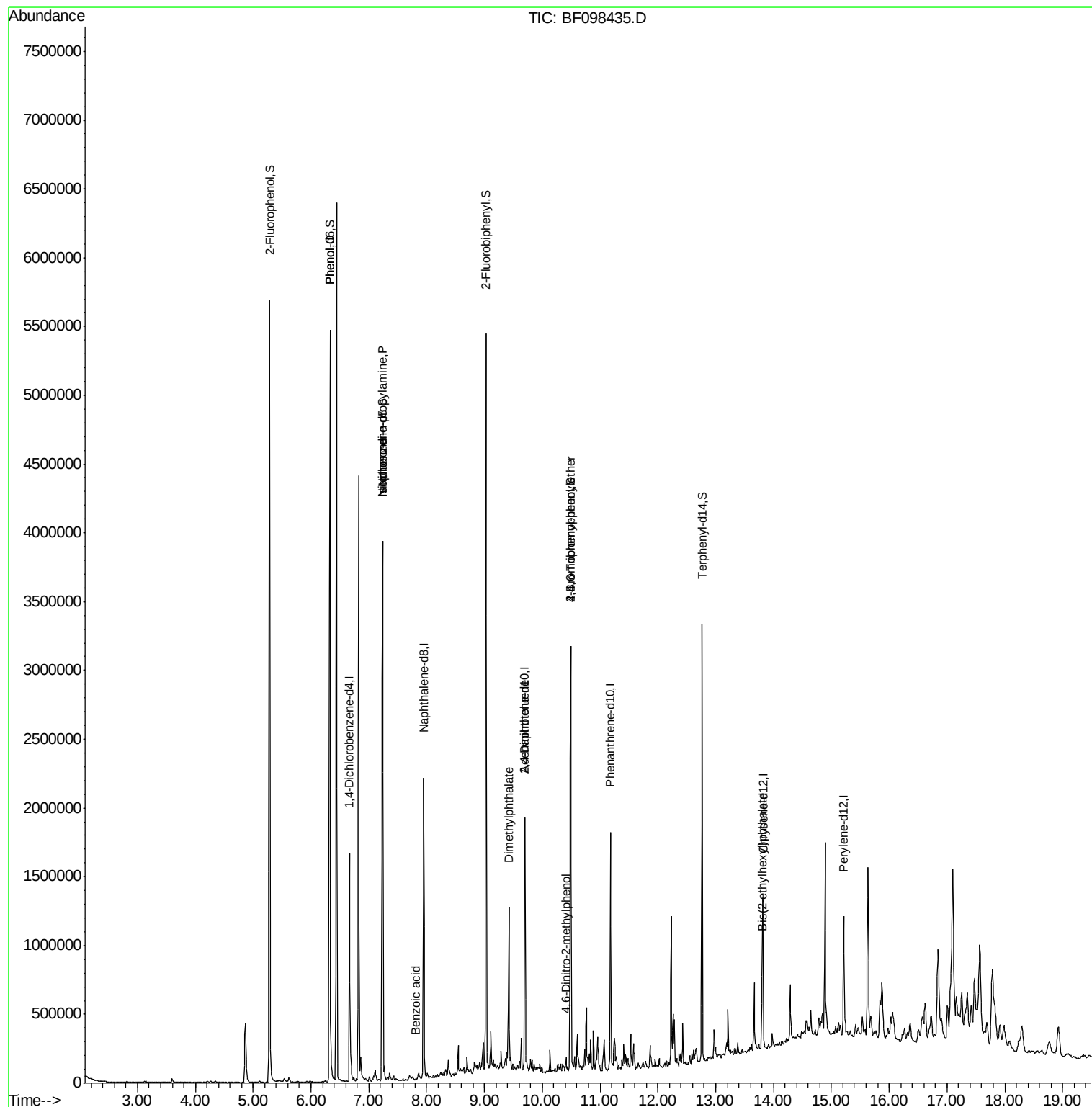
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.33	94	88019	4.13	ng	85
19) n-Nitroso-di-n-propylamine	7.24	70	185436	16.07	ng	# 82
25) Isophorone	7.24	82	1348760	43.26	ng	# 67
32) Benzoic acid	7.80	122	506	8.02	ng	# 61
49) Dimethylphthalate	9.42	163	392297	14.59	ng	99
56) 2,4-Dinitrotoluene	9.70	165	45605	6.79	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.41	198	130	5.00	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	23183	4.68	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.80	149	56486	3.65	ng	100

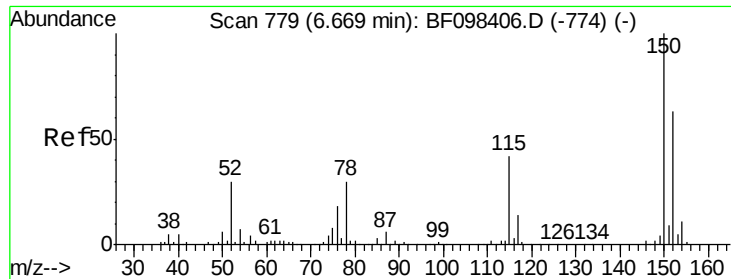
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF098435.D

Acq: 12 Sep 2017 6:33

Instrument :

BNA_F

ClientSampled :

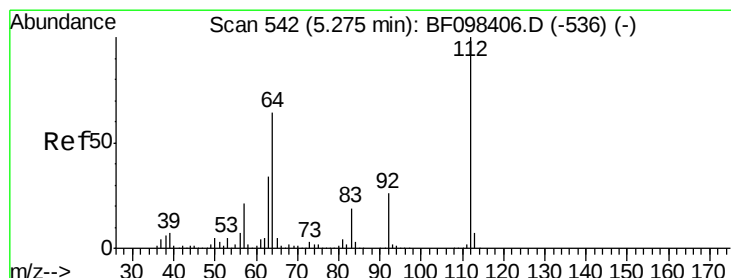
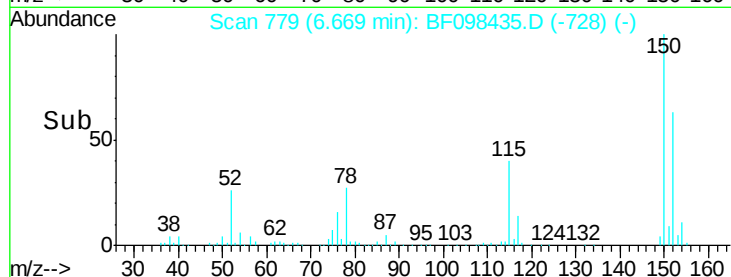
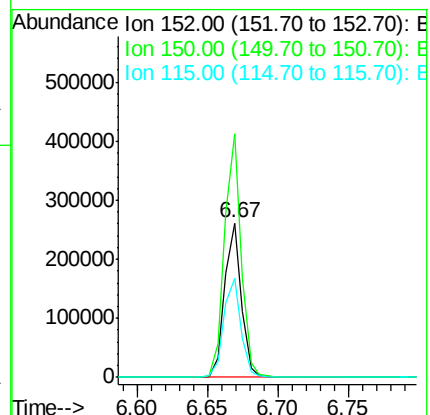
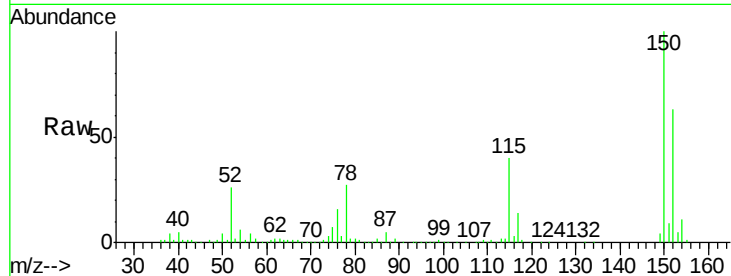
Tot Ion:152 Resp: 213581

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

115 64.0 52.2 78.2



#5

2-Fluorophenol

Concen: 124.50 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098435.D

Acq: 12 Sep 2017 6:33

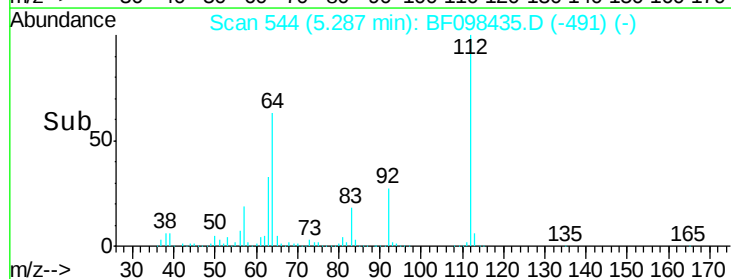
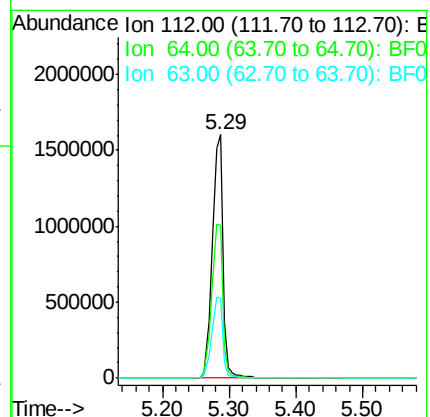
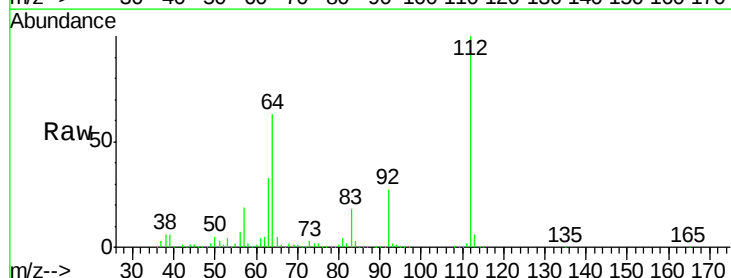
Tgt Ion:112 Resp: 1798433

Ion Ratio Lower Upper

112 100

64 62.6 46.0 69.0

63 32.8 23.4 35.0





#7

Phenol-d6

Concen: 120.86 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098435.D

Acq: 12 Sep 2017 6:33

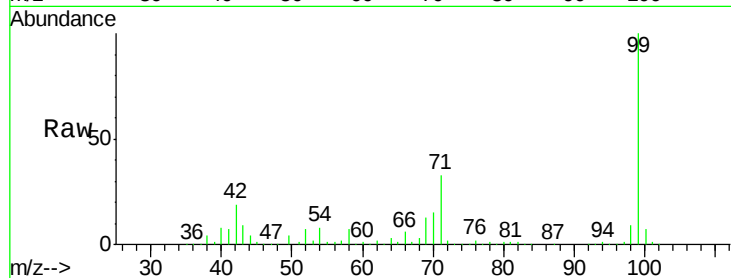
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2216669

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	33.4	24.5	36.7

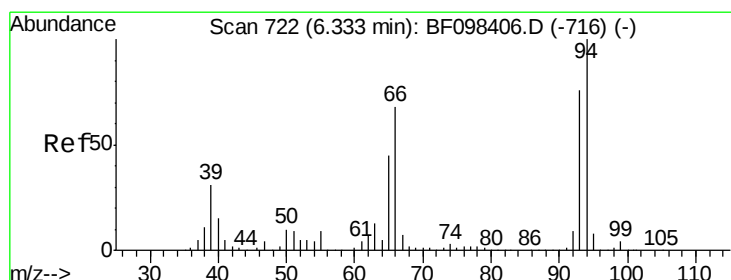
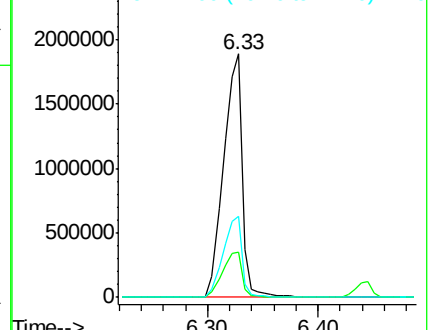
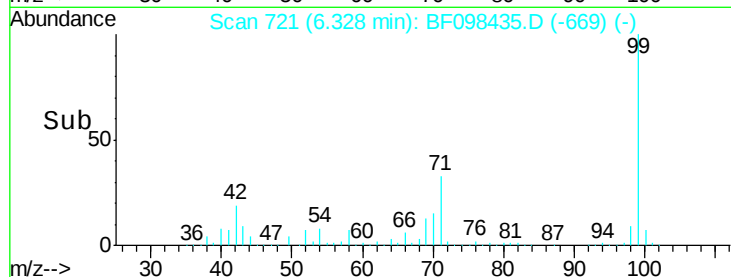


Abundance

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



#10

Phenol

Concen: 4.13 ng

RT: 6.33 min Scan# 722

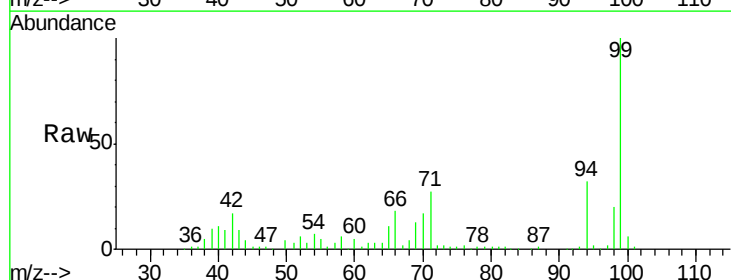
Delta R.T. 0.00 min

Lab File: BF098435.D

Acq: 12 Sep 2017 6:33

Tgt Ion: 94 Resp: 88019

Ion	Ratio	Lower	Upper
94	100		
65	35.4	9.9	49.9
66	55.3	23.1	63.1

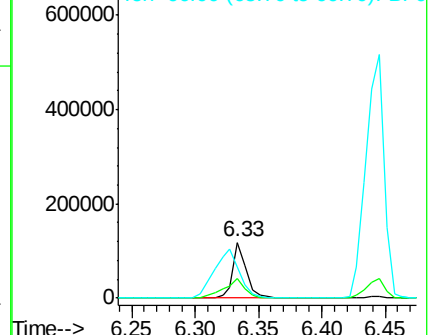
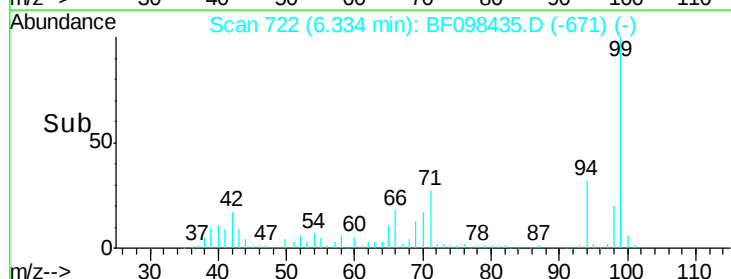


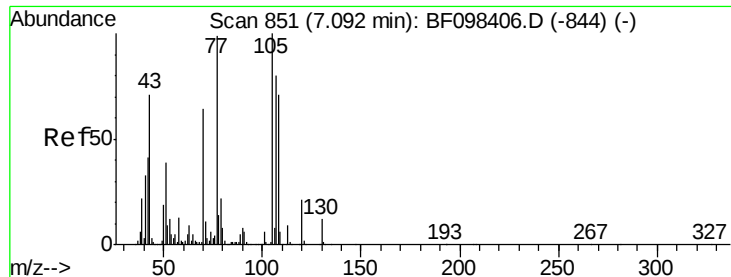
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.07 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.15 min

Lab File: BF098435.D

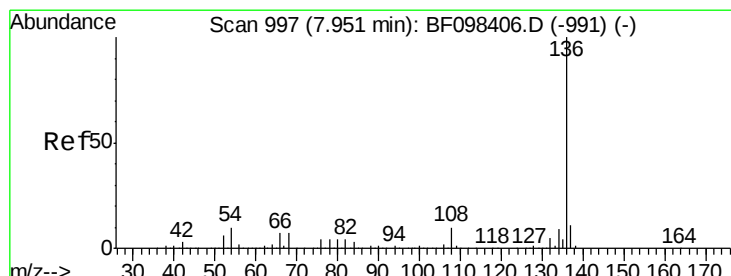
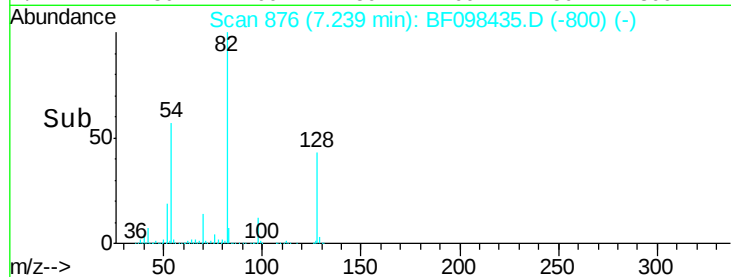
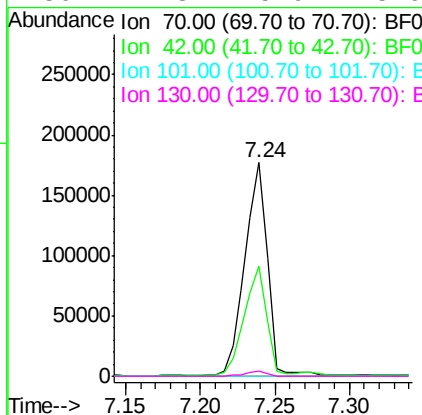
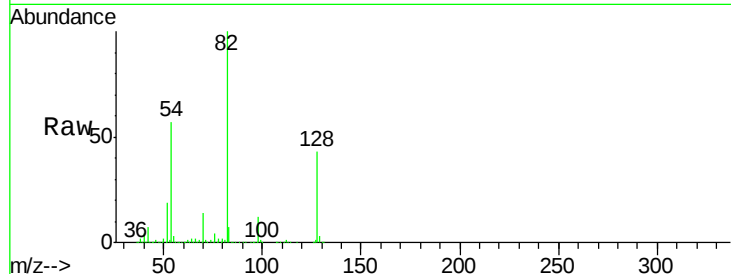
Acq: 12 Sep 2017 6:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	185436
Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

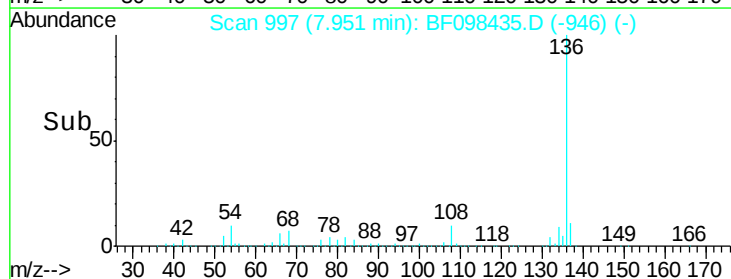
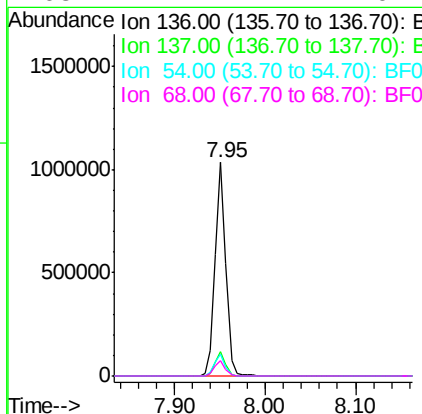
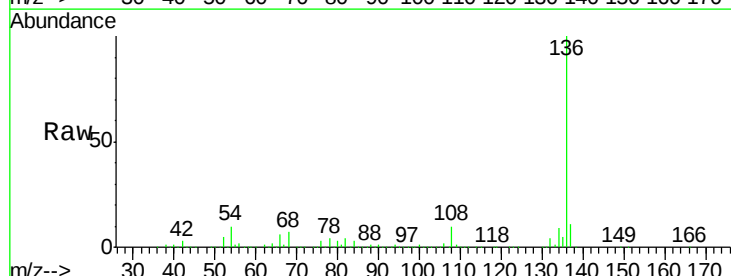
RT: 7.95 min Scan# 997

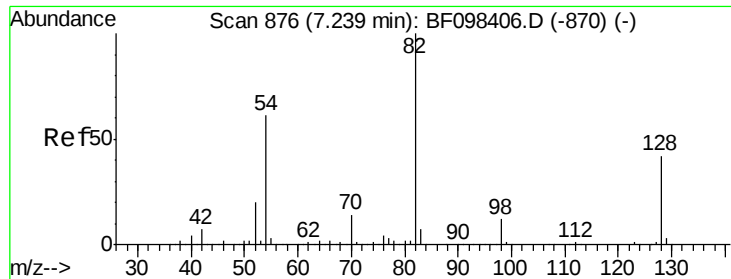
Delta R.T. 0.00 min

Lab File: BF098435.D

Acq: 12 Sep 2017 6:33

Tgt Ion:	136	Resp:	859159
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.5	4.9	7.3#
68	7.1	4.1	6.1#

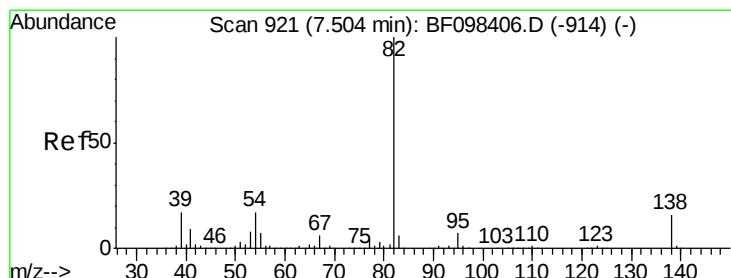
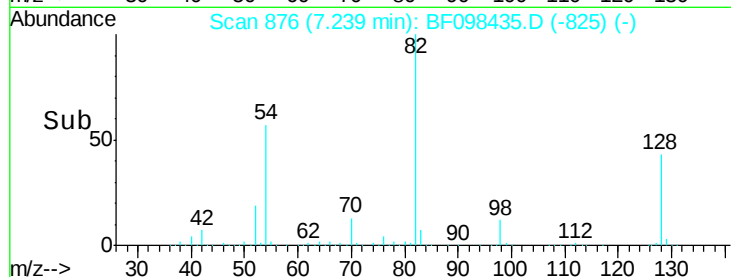
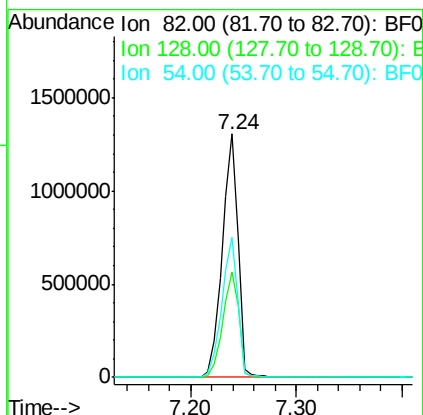
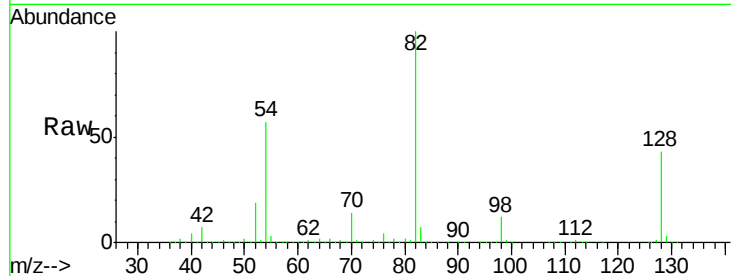




#23
 Nitrobenzene-d5
 Concen: 89.03 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098435.D
 Acq: 12 Sep 2017 6:33

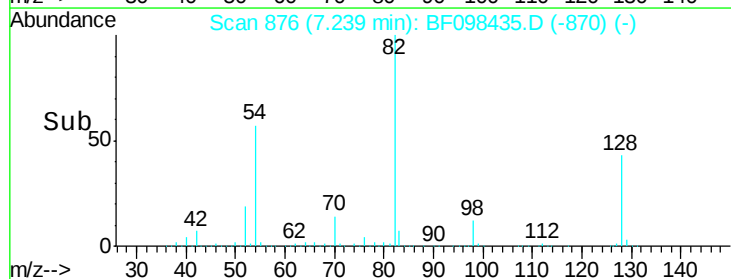
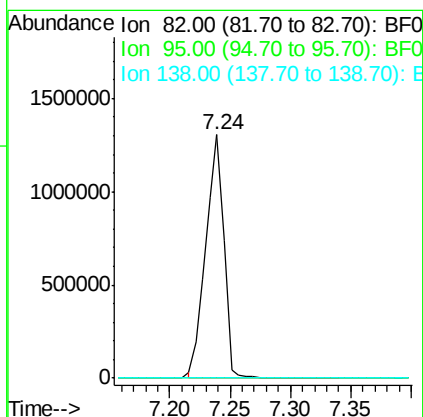
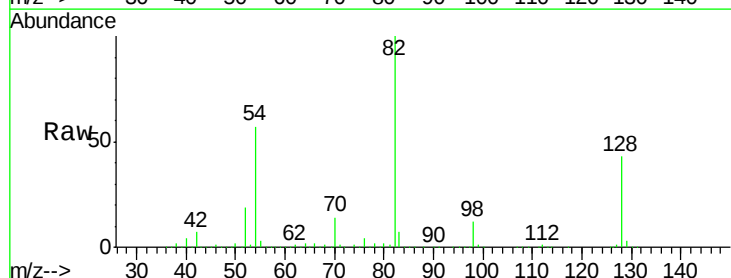
Instrument :
 BNA_F
 ClientSampleID :

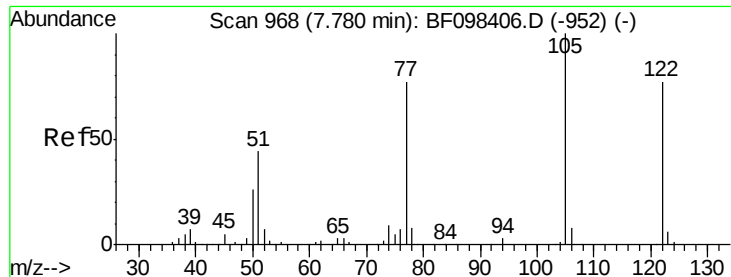
Tot Ion: 82 Resp: 1372055
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 57.2 42.2 63.2



#25
 Isophorone
 Concen: 43.26 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF098435.D
 Acq: 12 Sep 2017 6:33

Tgt Ion: 82 Resp: 1348760
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

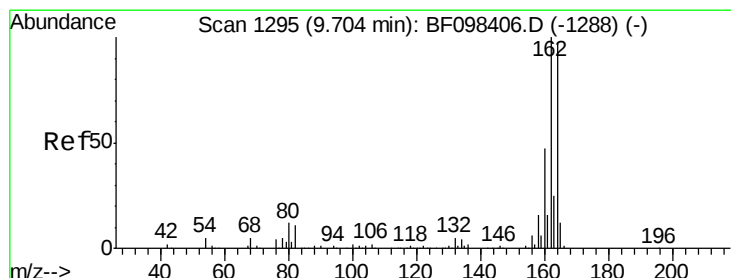
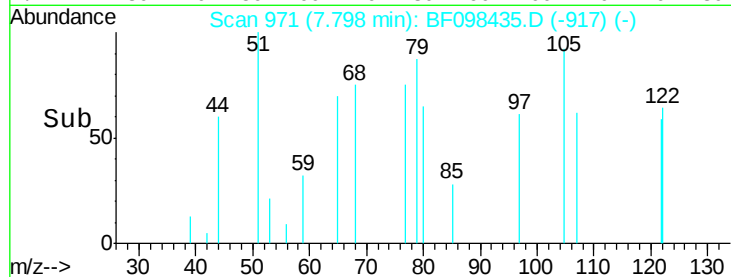
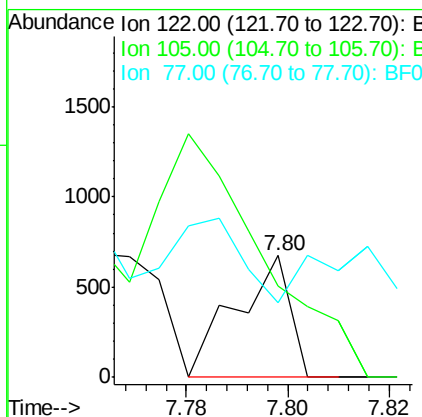
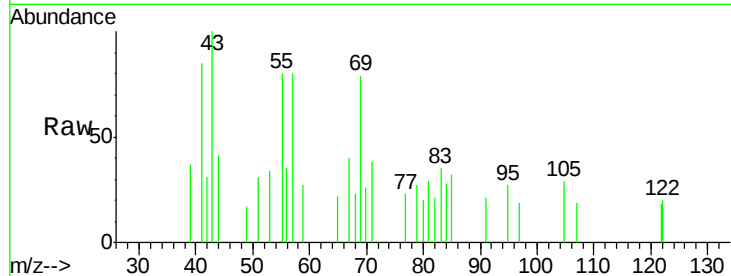




#32
Benzoic acid
Concen: 8.02 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

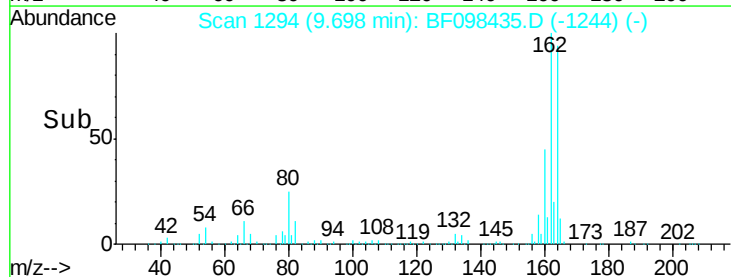
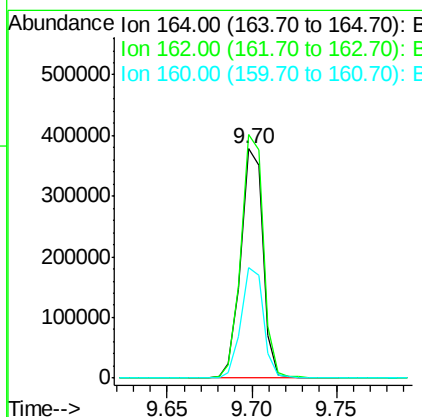
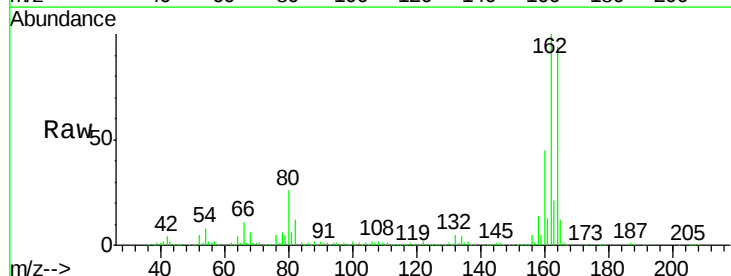
Instrument :
BNA_F
ClientSampled :

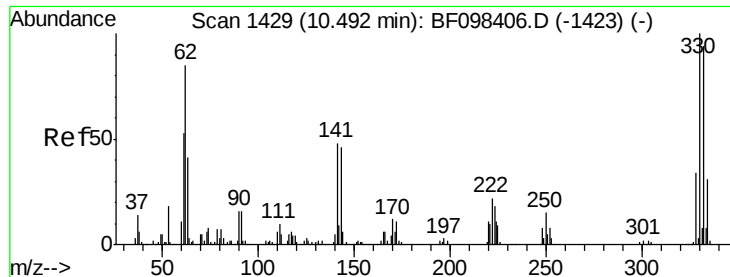
Tot Ion:122 Resp: 506
Ion Ratio Lower Upper
122 100
105 74.7 103.3 143.3#
77 61.2 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Tgt Ion:164 Resp: 347250
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 48.3 36.2 54.2

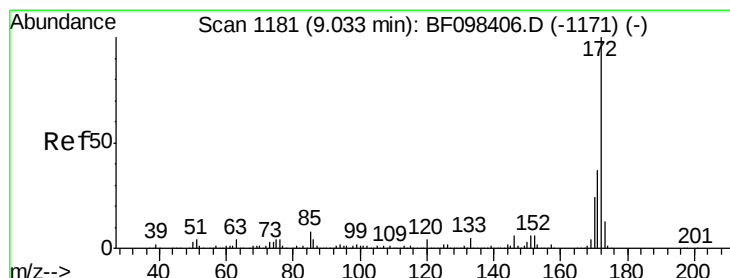
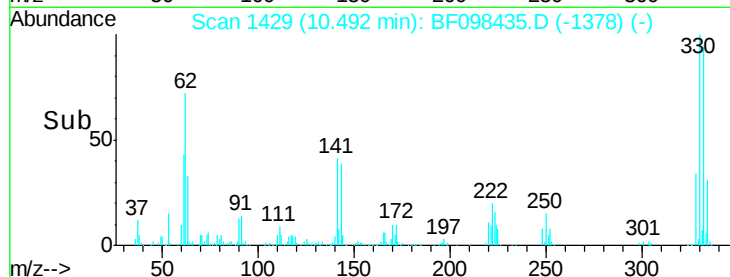
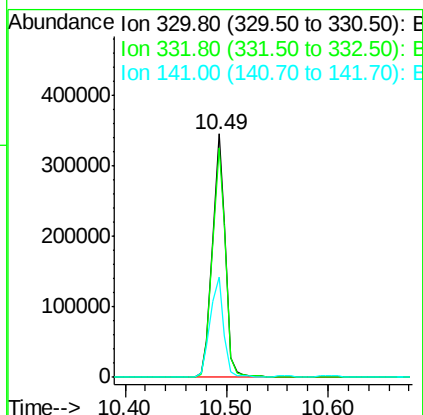
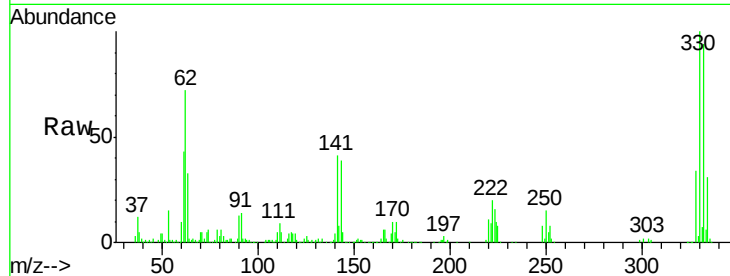




#41
 2,4,6-Tribromophenol
 Concen: 133.17 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098435.D
 Acq: 12 Sep 2017 6:33

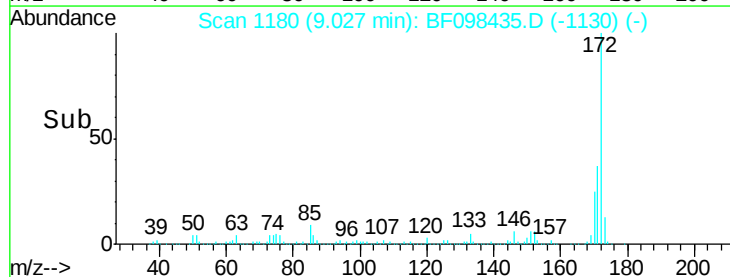
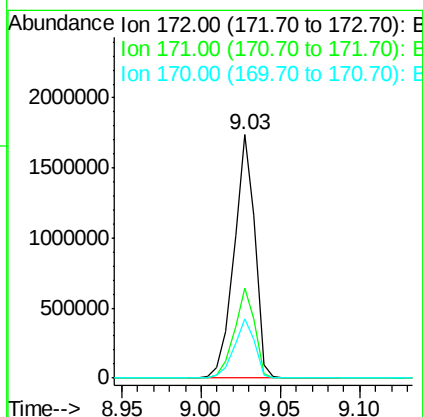
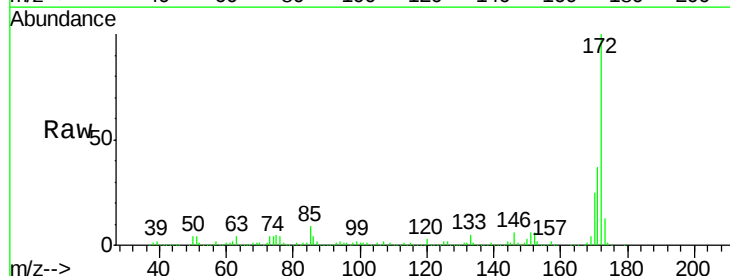
Instrument :
 BNA_F
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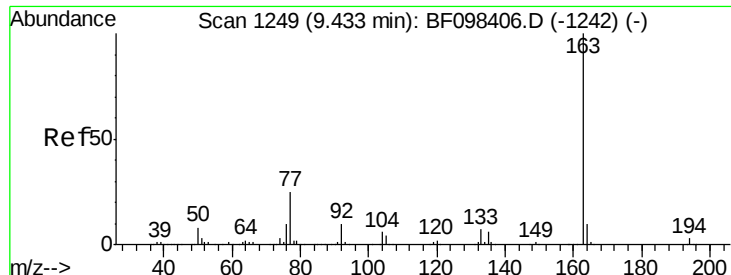
Tot Ion:330 Resp: 308631
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 42.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 76.94 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098435.D
 Acq: 12 Sep 2017 6:33

Tgt Ion:172 Resp: 1576419
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.5 19.8 29.8

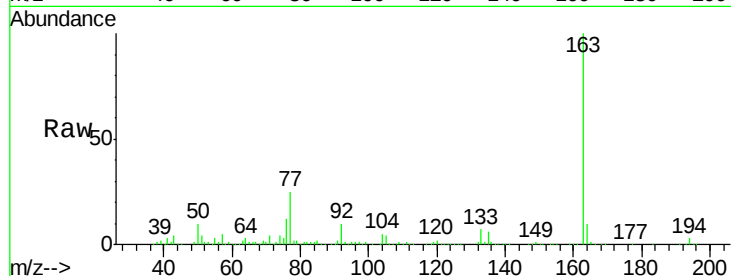




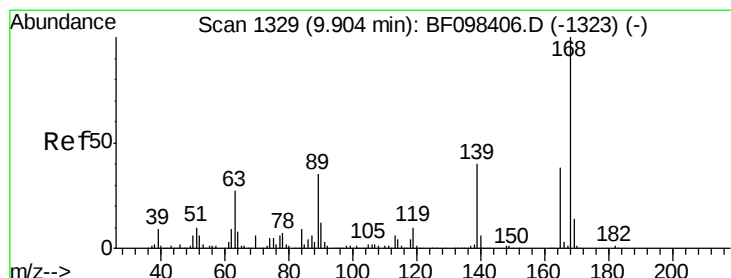
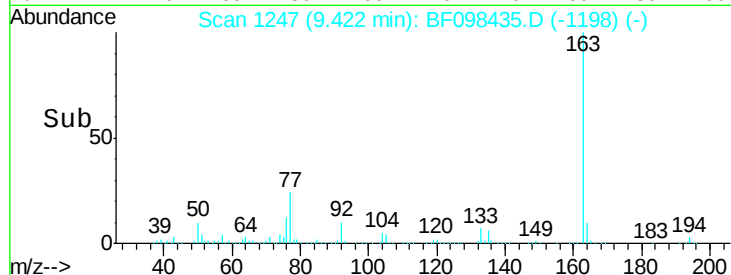
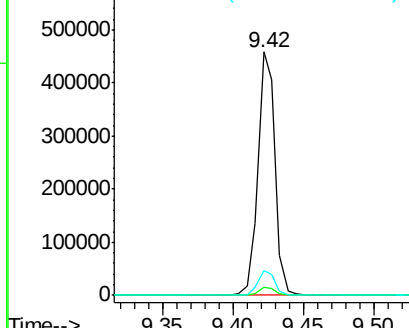
#49
Dimethylphthalate
Concen: 14.59 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6



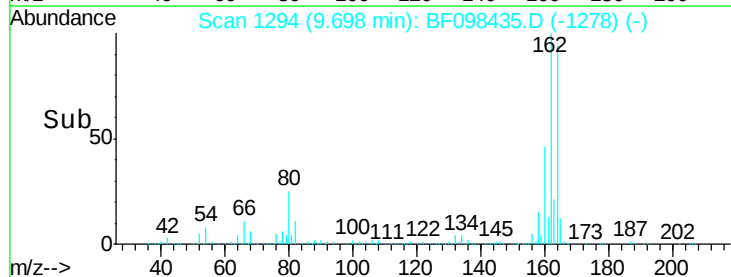
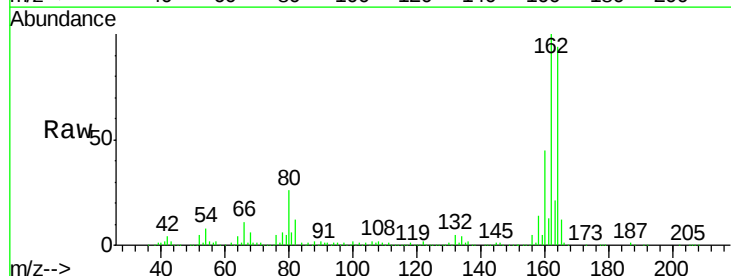
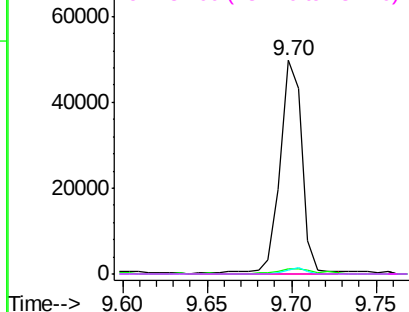
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

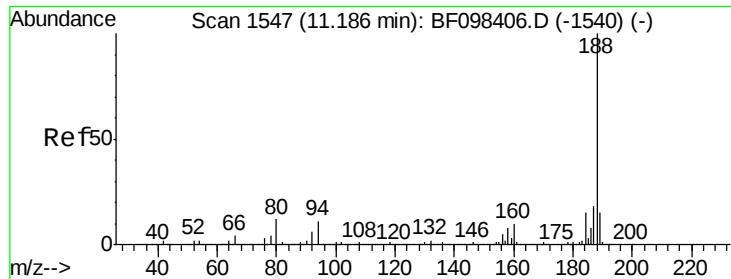


#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	25.4	38.0#
89	1.9	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

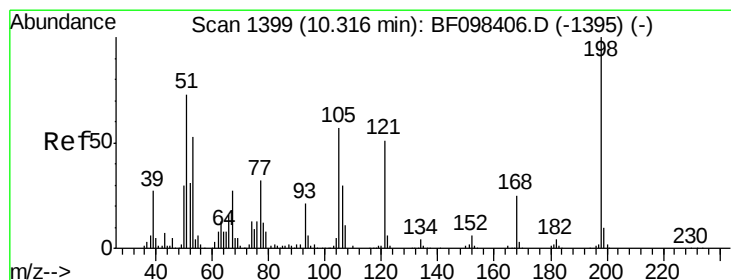
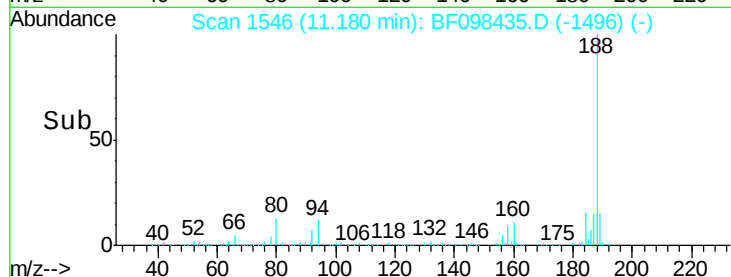
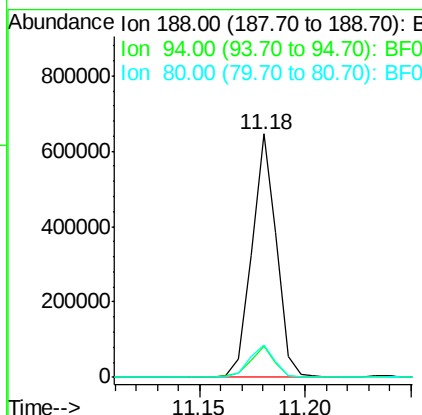
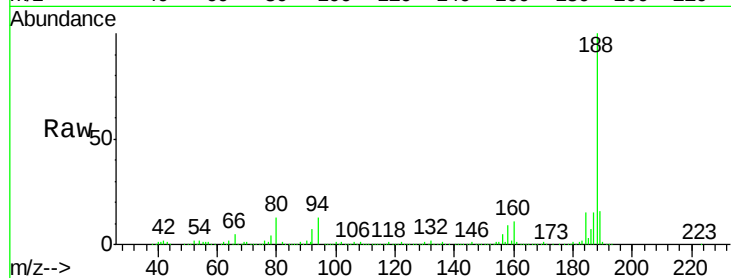




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

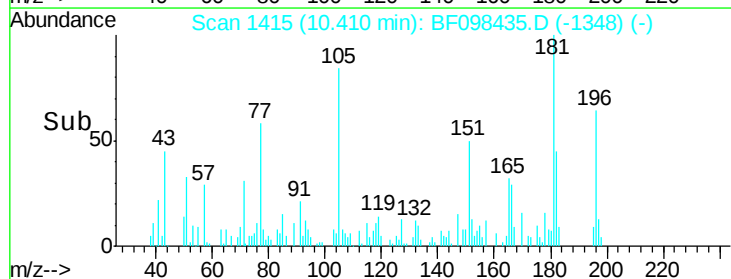
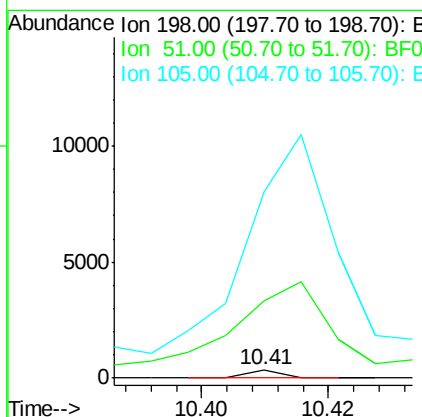
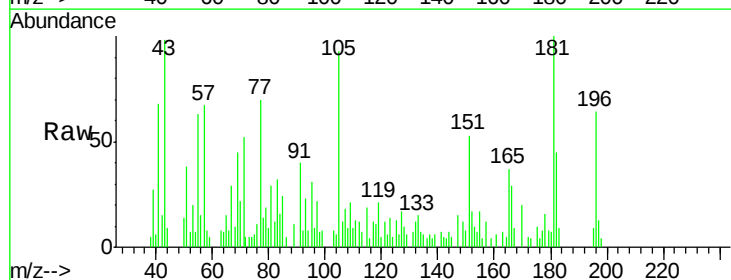
Instrument :
BNA_F
ClientSampleId :

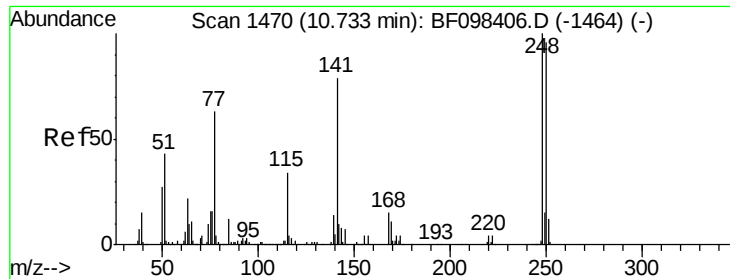
Tot Ion:188 Resp: 521768
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 5.00 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.09 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Tgt Ion:198 Resp: 130
Ion Ratio Lower Upper
198 100
51 903.0 53.2 93.2#
105 2183.7 45.8 85.8#

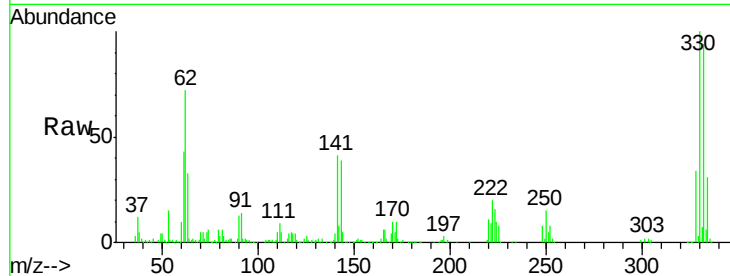




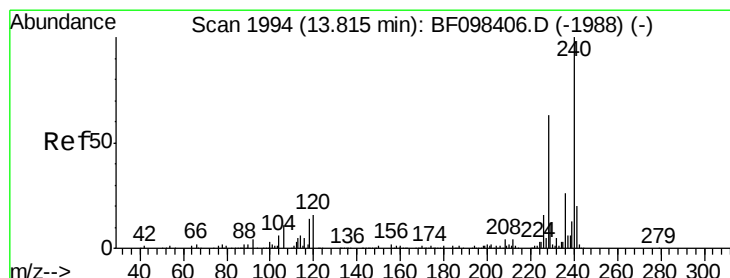
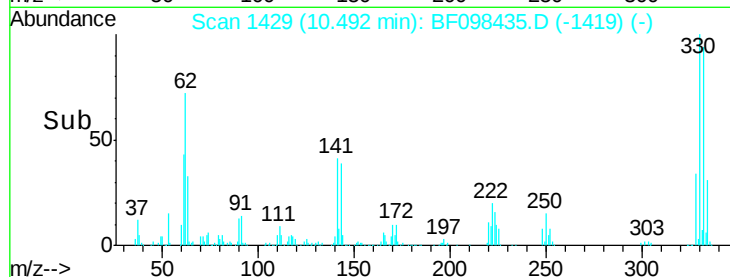
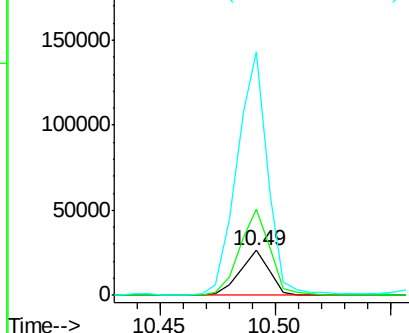
#66
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23183
Ion Ratio Lower Upper
248 100
250 191.9 76.8 115.2#
141 542.4 68.6 103.0#

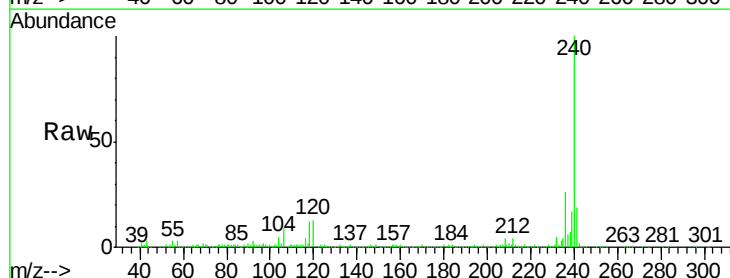


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

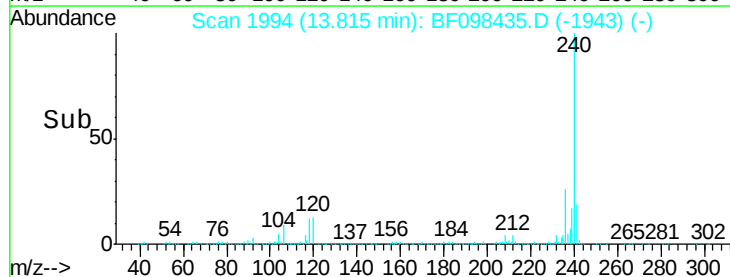
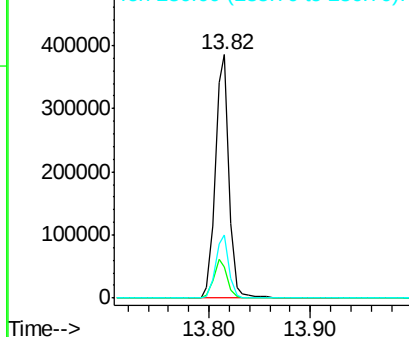


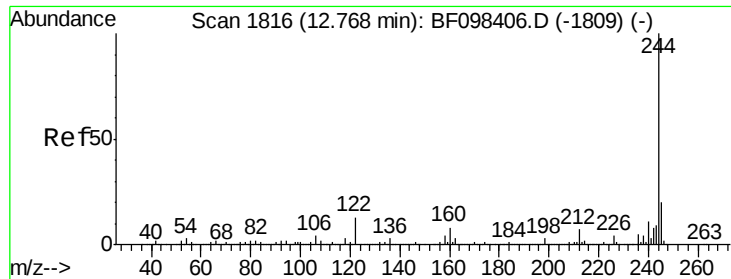
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Tgt Ion:240 Resp: 360423
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 26.1 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

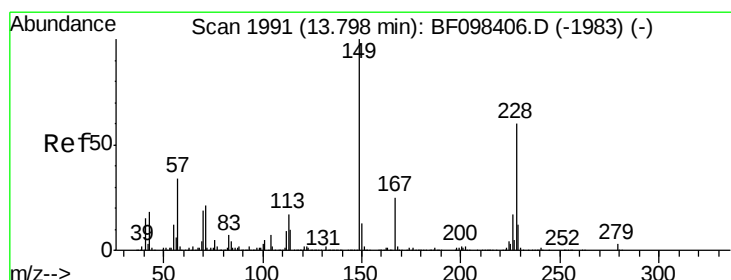
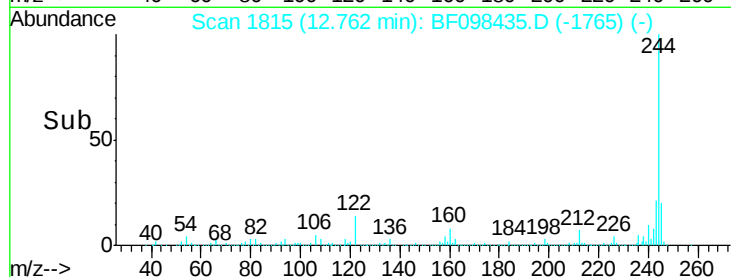
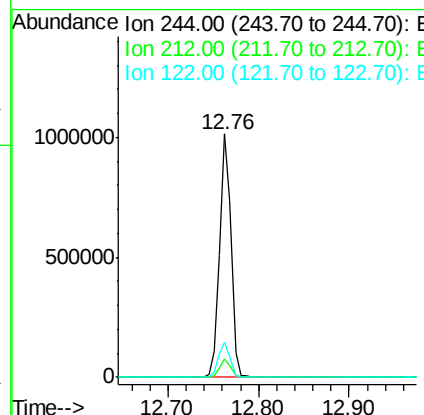
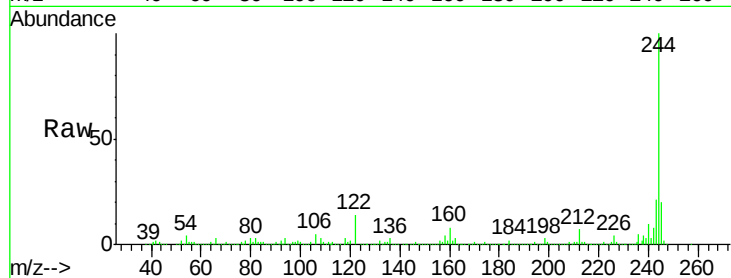




#78
 Terphenyl-d14
 Concen: 53.16 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF098435.D
 Acq: 12 Sep 2017 6:33

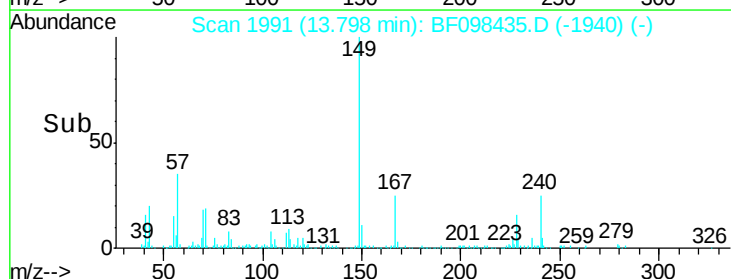
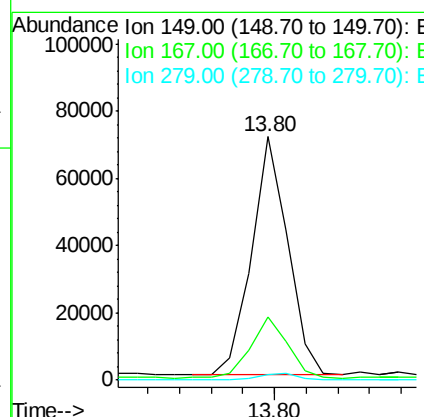
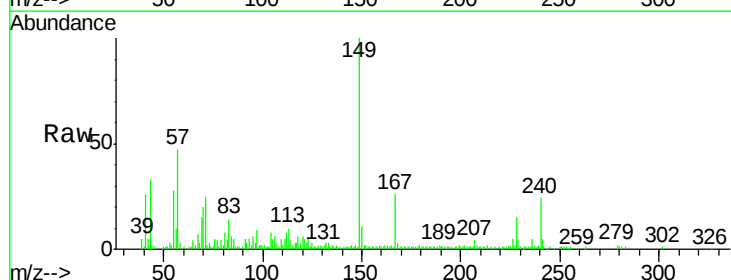
Instrument :
 BNA_F
 ClientSampleId :

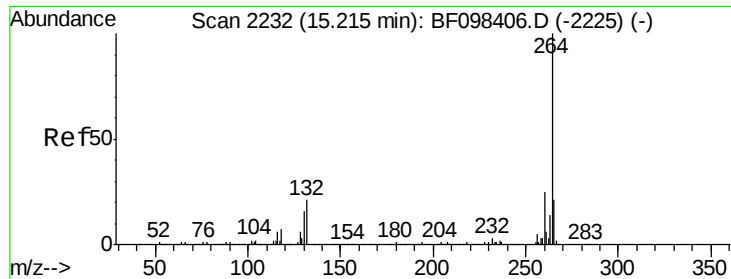
Tot Ion:244 Resp: 887610
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.65 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098435.D
 Acq: 12 Sep 2017 6:33

Tgt Ion:149 Resp: 56486
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.2 1.9 2.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF098435.D
Acq: 12 Sep 2017 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	20.4	17.2	25.8

