

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097431.D
 Acq On : 7 Aug 2017 16:09
 Operator : SJ/JU
 Sample : I4625-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Quant Time: Aug 08 04:46:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

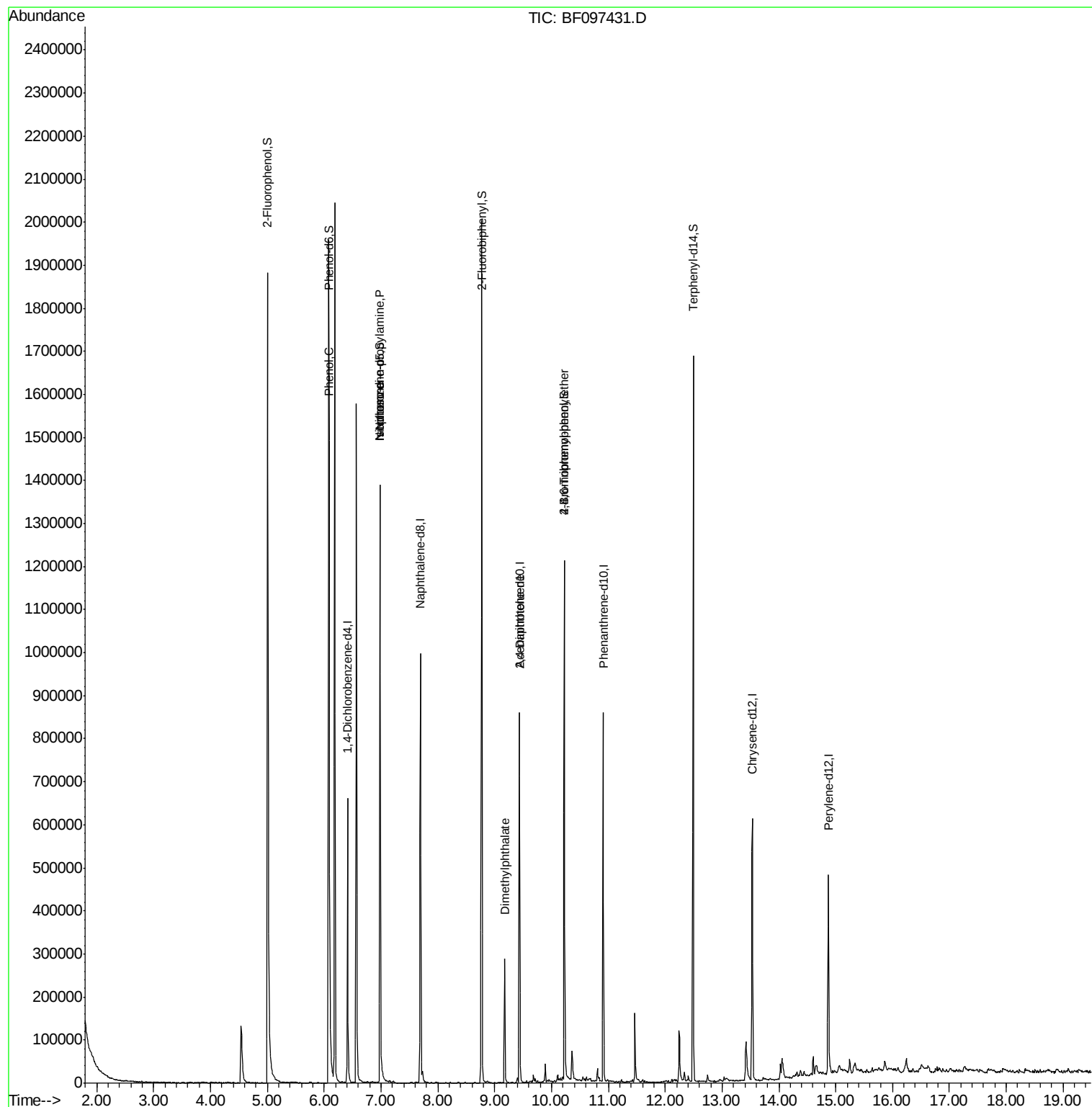
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	99391	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	436255	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	176467	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	297775	20.00	ng	0.00
75) Chrysene-d12	13.53	240	210922	20.00	ng	0.00
86) Perylene-d12	14.87	264	176946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	644949	97.82	ng	0.00
7) Phenol-d6	6.08	99	737396	97.97	ng	0.00
23) Nitrobenzene-d5	6.98	82	442104	59.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	145763	104.55	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	686190	65.99	ng	0.00
78) Terphenyl-d14	12.49	244	519552	50.22	ng	0.00
Target Compounds						
10) Phenol	6.09	94	28254	3.16	ng	# 74
19) n-Nitroso-di-n-propylamine	6.98	70	59127	11.93	ng	# 87
25) Isophorone	6.98	82	442101	30.36	ng	# 67
49) Dimethylphthalate	9.17	163	119102	8.89	ng	# 97
56) 2,4-Dinitrotoluene	9.43	165	22170	6.79	ng	# 32
66) 4-Bromophenyl-phenylether	10.23	248	9062	3.05	ng	# 1

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

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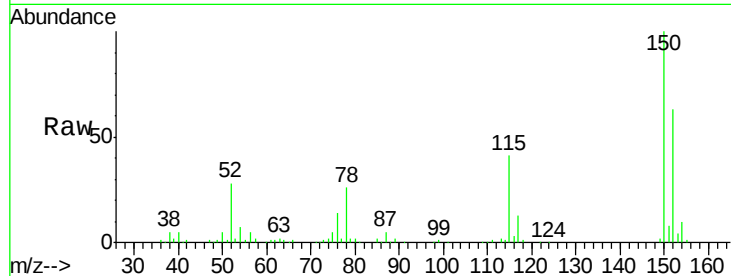


#1

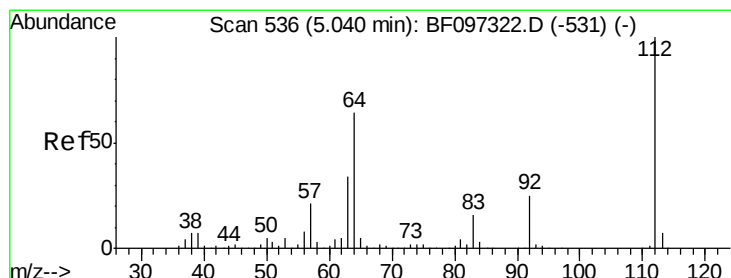
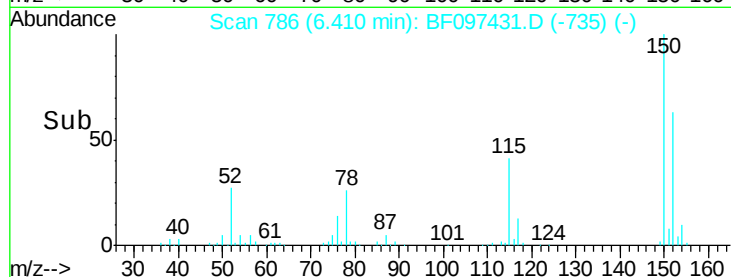
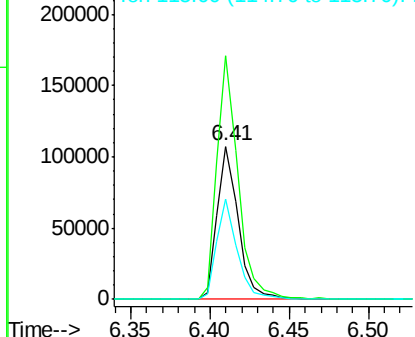
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:152 Resp: 99391
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.2 189.2
 115 65.5 52.2 78.2



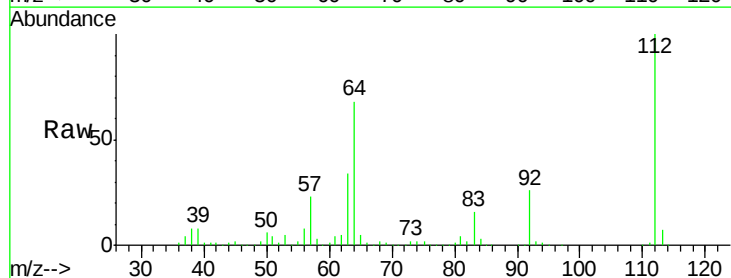
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



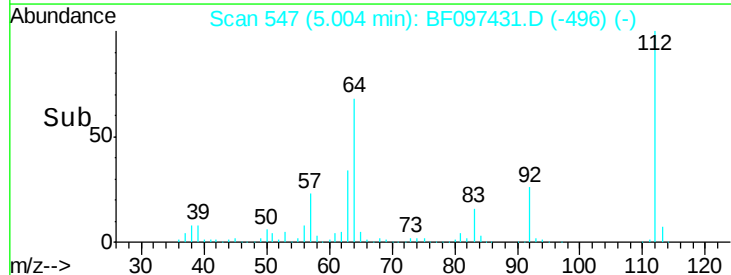
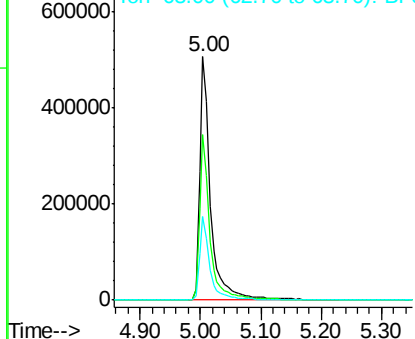
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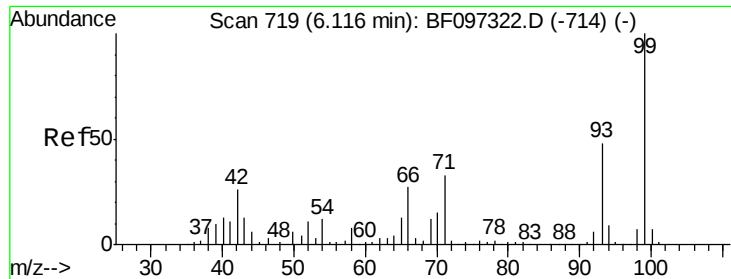
2-Fluorophenol
 Concen: 97.82 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Tgt Ion:112 Resp: 644949
 Ion Ratio Lower Upper
 112 100
 64 67.8 46.0 69.0
 63 34.3 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: 97.97 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-1

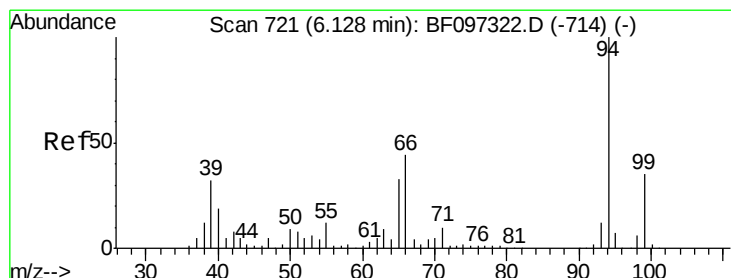
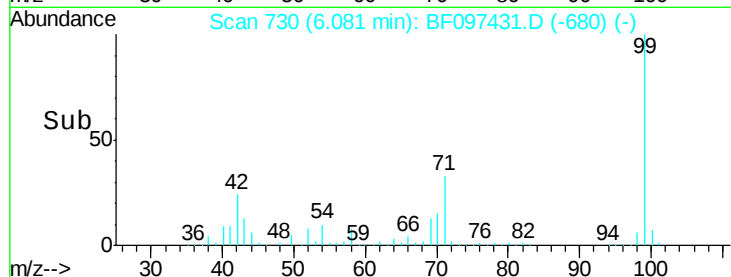
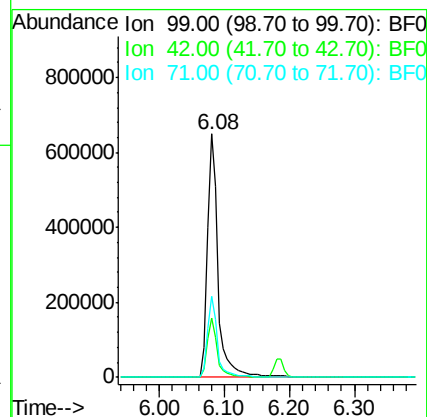
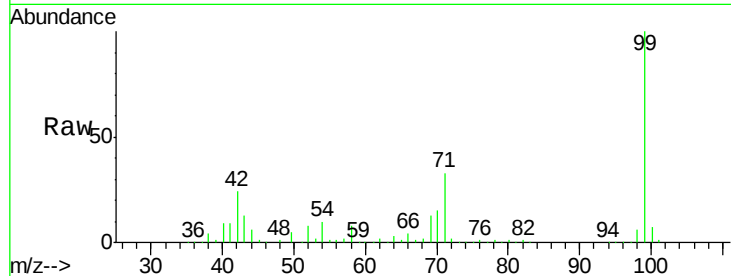
Tot Ion: 99 Resp: 737396

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

71 33.2 24.5 36.7



#10

Phenol

Concen: 3.16 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

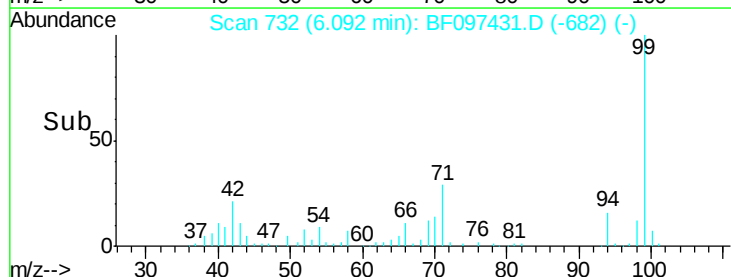
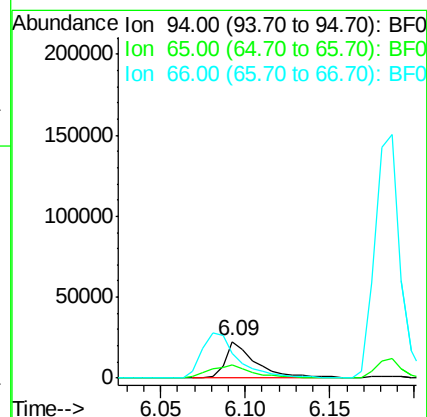
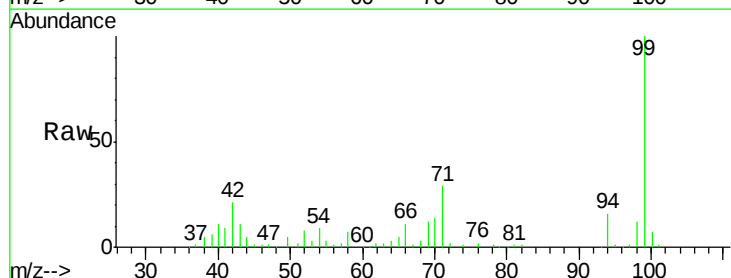
Tgt Ion: 94 Resp: 28254

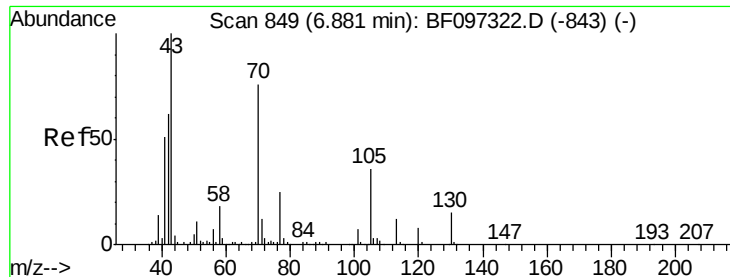
Ion Ratio Lower Upper

94 100

65 34.6 9.9 49.9

66 67.3 23.1 63.1#

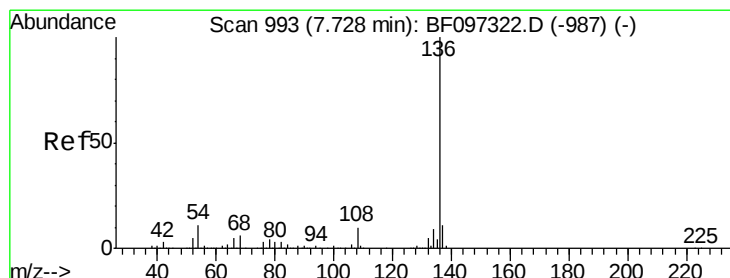
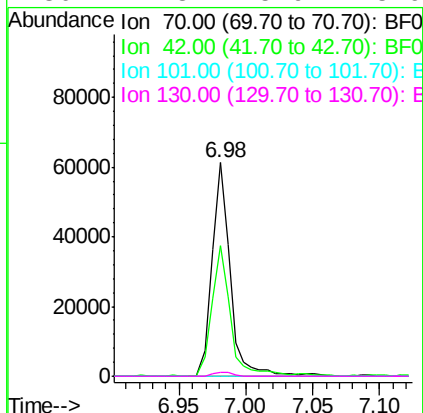
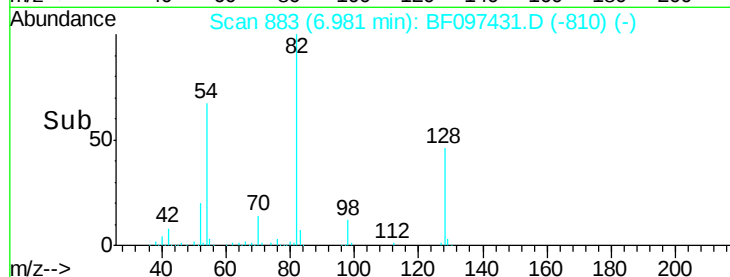
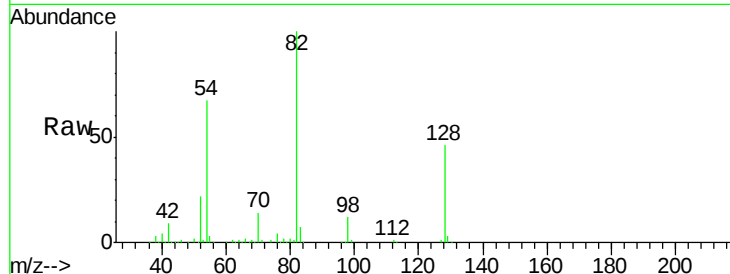




#19
n-Nitroso-di-n-propylamine
Concen: 11.93 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

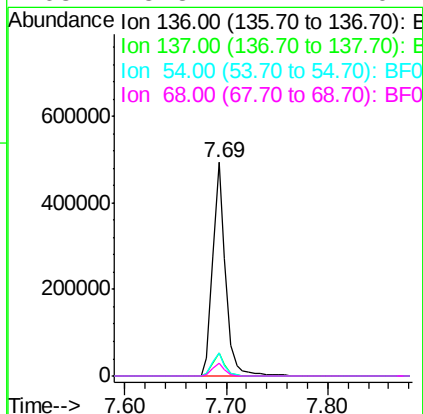
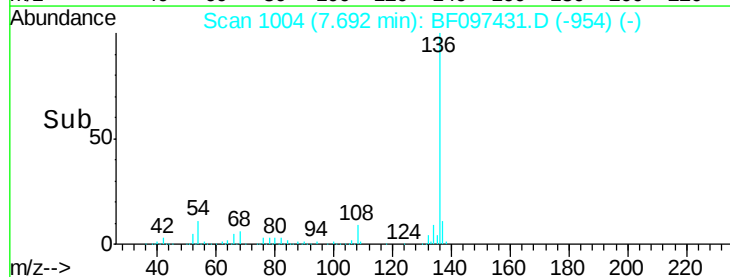
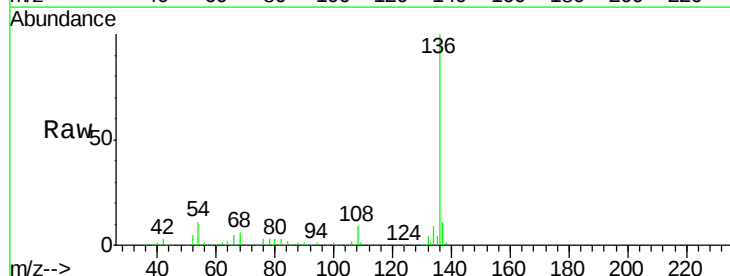
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-1

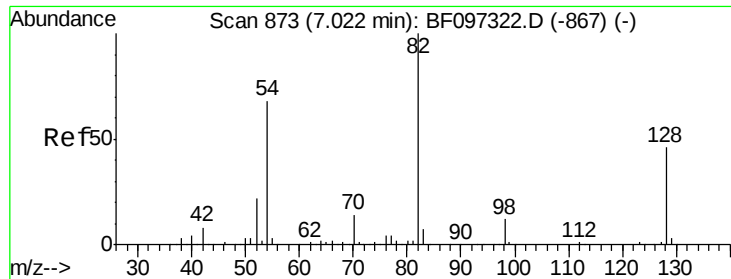
Tot Ion: 70 Resp: 59127
Ion Ratio Lower Upper
70 100
42 61.0 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

Tgt Ion:136 Resp: 436255
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.8 4.9 7.3#
68 5.8 4.1 6.1

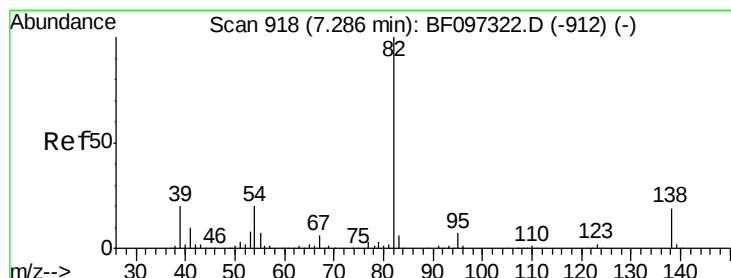
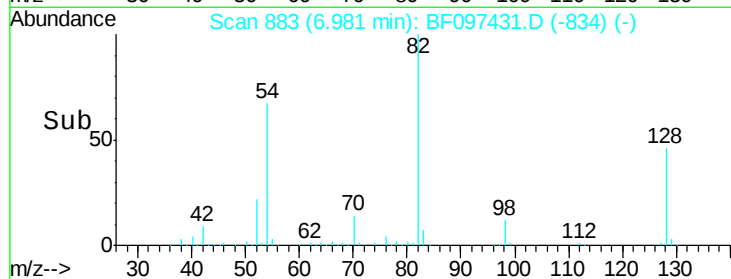
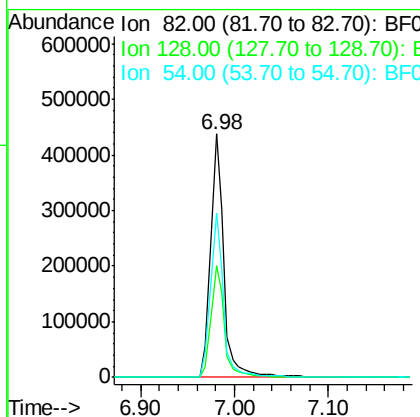
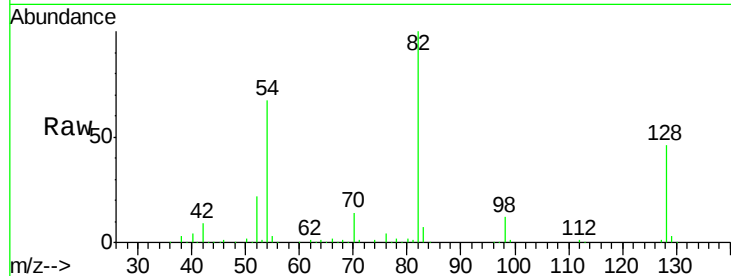




#23
 Nitrobenzene-d5
 Concen: 59.45 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

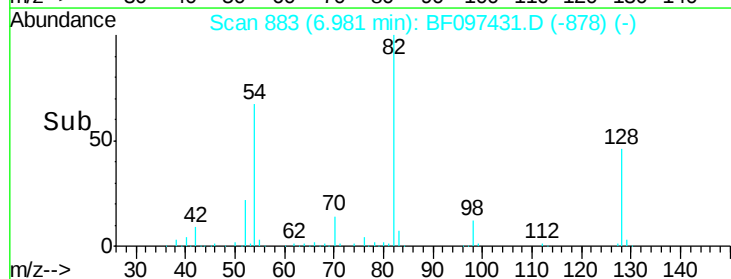
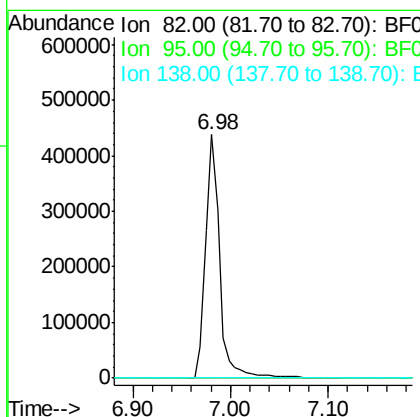
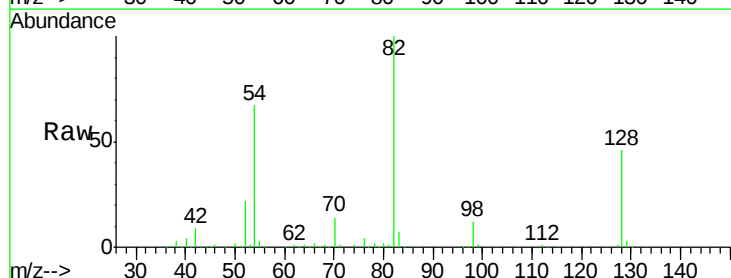
Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

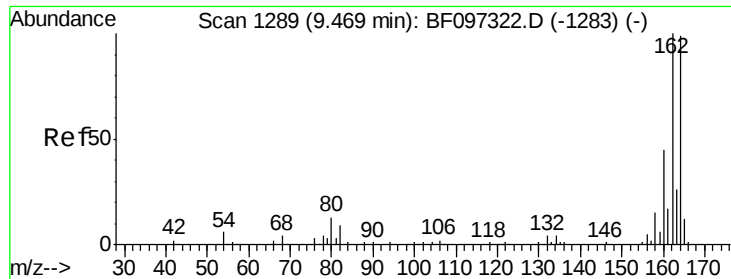
Tot Ion: 82 Resp: 442104
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 67.4 42.2 63.2#



#25
 Isophorone
 Concen: 30.36 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Tgt Ion: 82 Resp: 442101
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-1

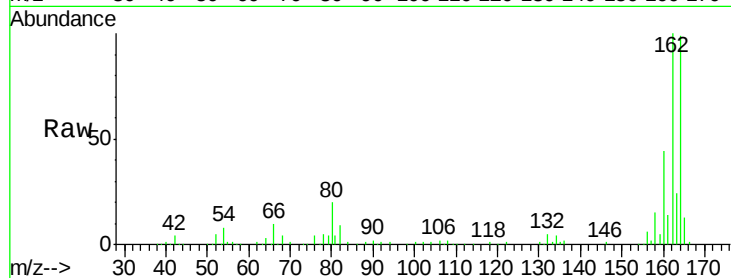
Tot Ion:164 Resp: 176467

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

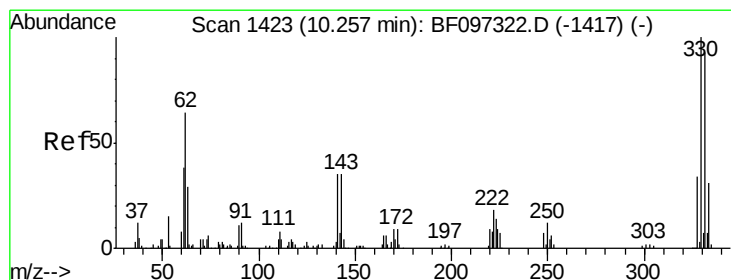
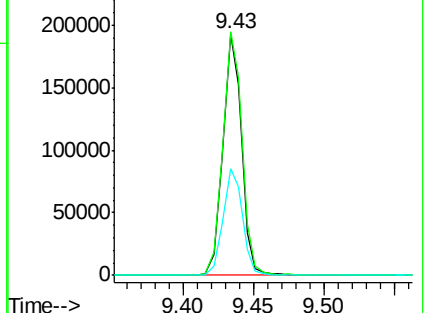
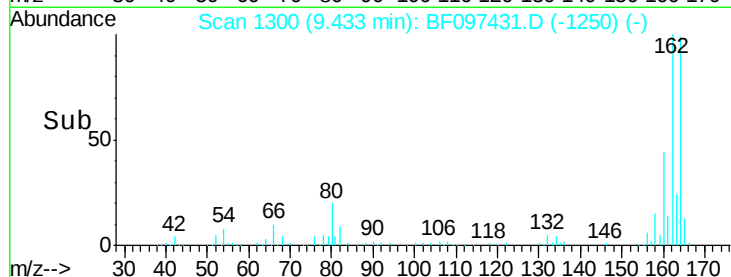
160 44.2 36.2 54.2



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: 104.55 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097431.D

Acq: 7 Aug 2017 16:09

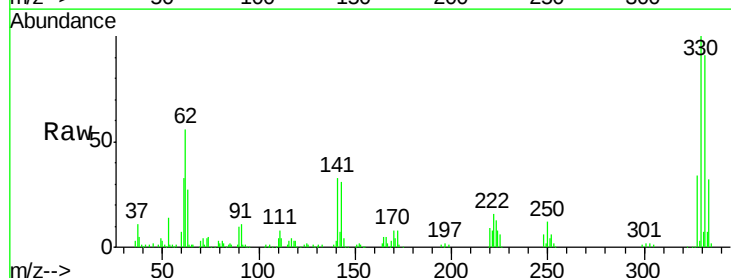
Tgt Ion:330 Resp: 145763

Ion Ratio Lower Upper

330 100

332 93.9 76.6 115.0

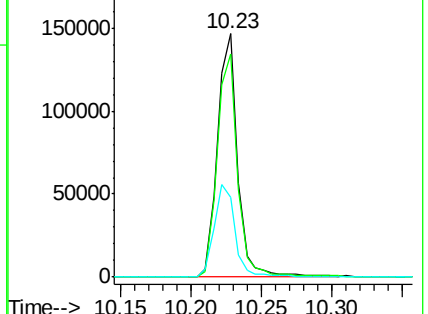
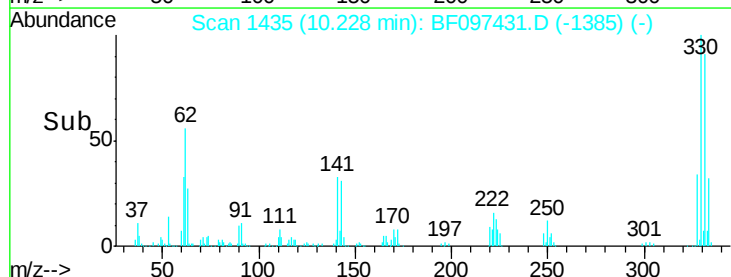
141 40.2 31.4 47.2

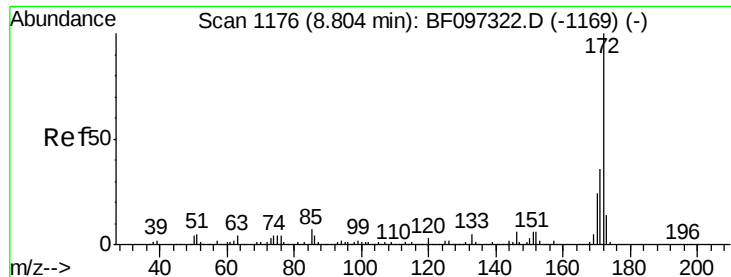


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

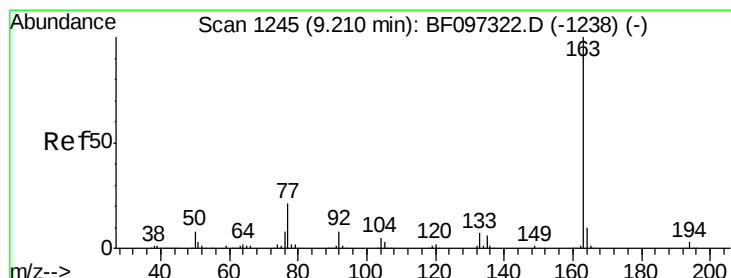
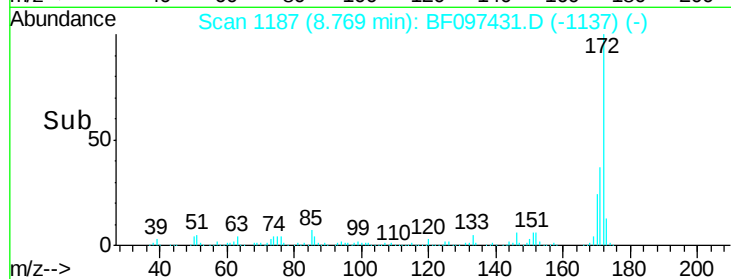
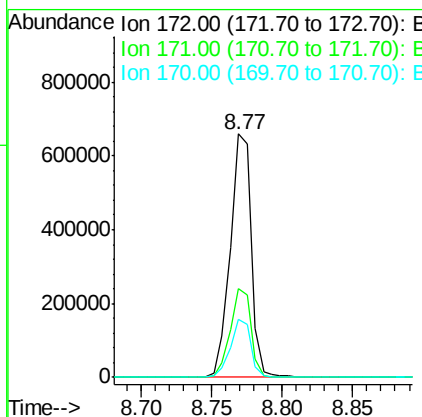
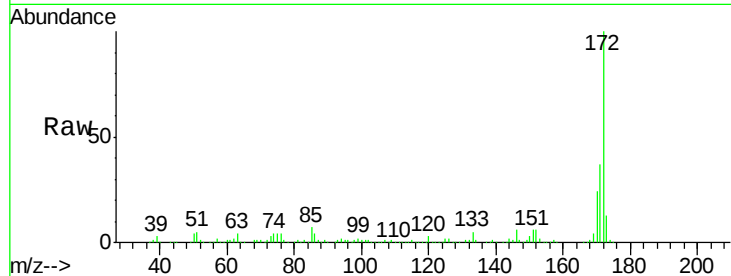




#44
2-Fluorobiphenyl
Concen: 65.99 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

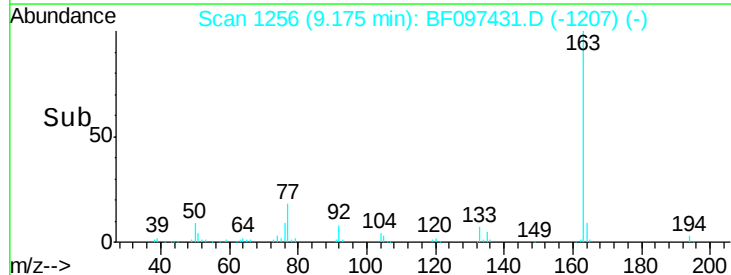
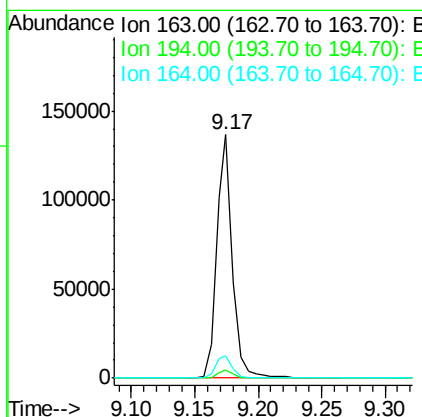
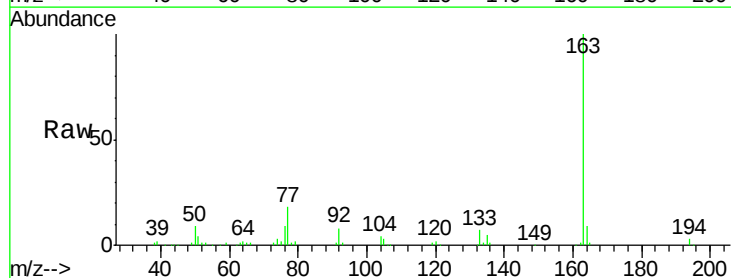
Instrument :
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CLINTON-AVE-COMP-1

Tot Ion:172 Resp: 686190
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 8.89 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097431.D
Acq: 7 Aug 2017 16:09

Tgt Ion:163 Resp: 119102
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.1 8.4 12.6

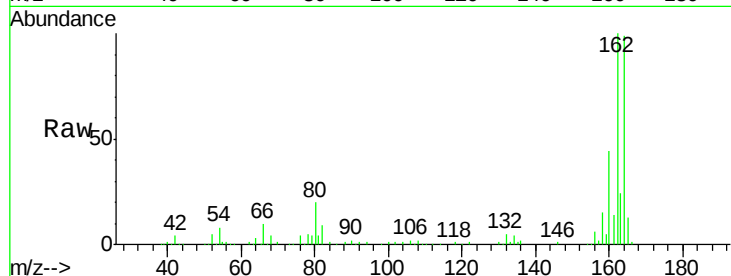




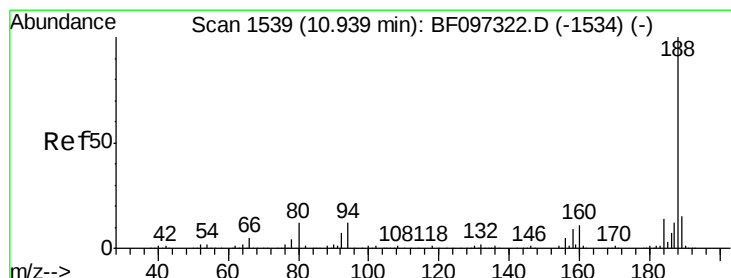
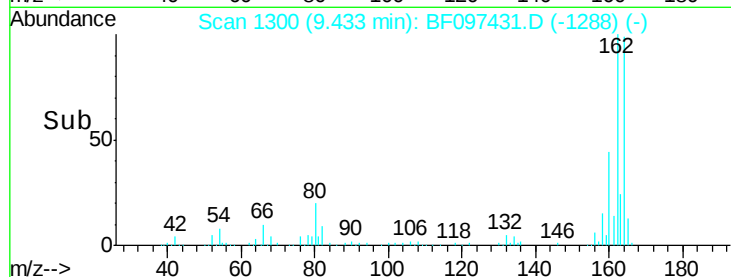
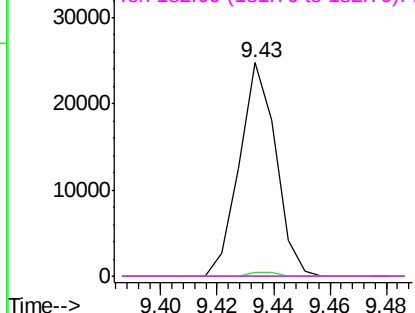
#56
 2,4-Dinitrotoluene
 Concen: 6.79 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:165 Resp: 22170
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

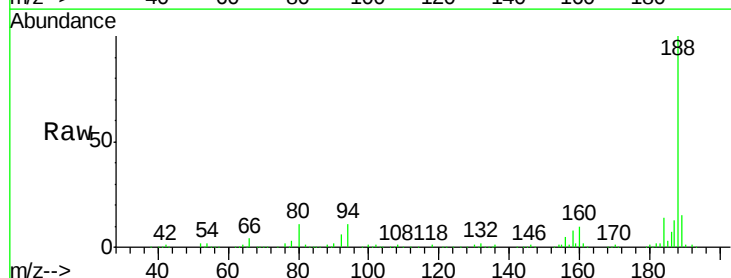


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

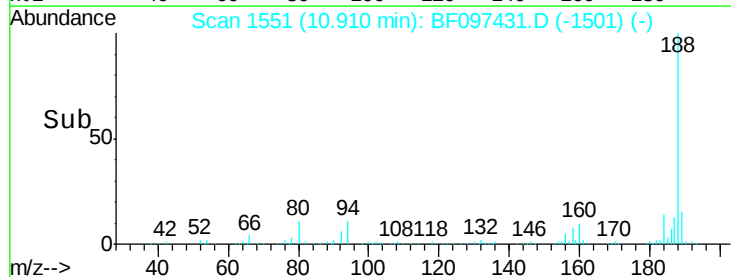
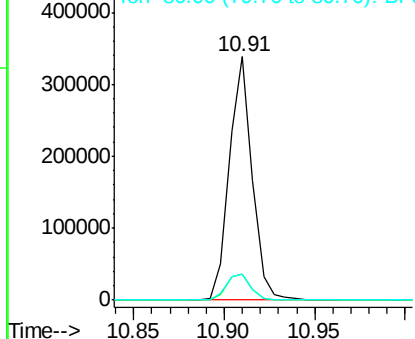


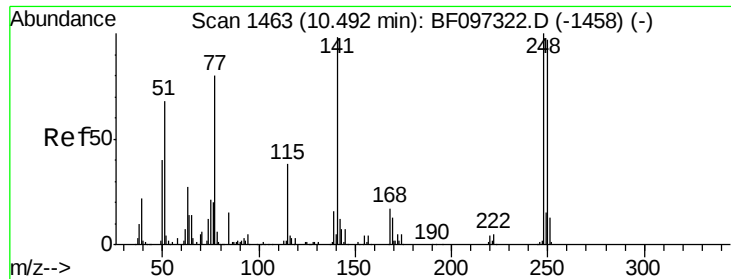
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Tgt Ion:188 Resp: 297775
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.9 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

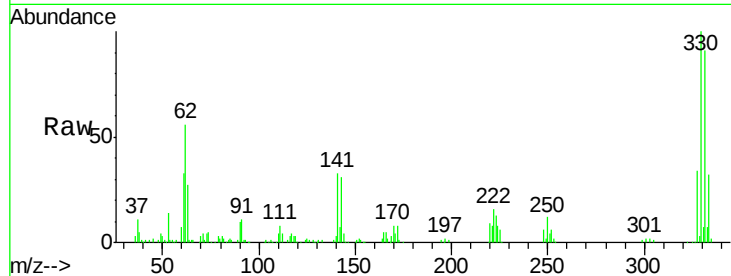




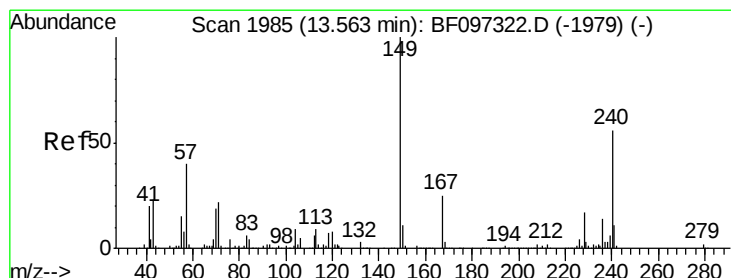
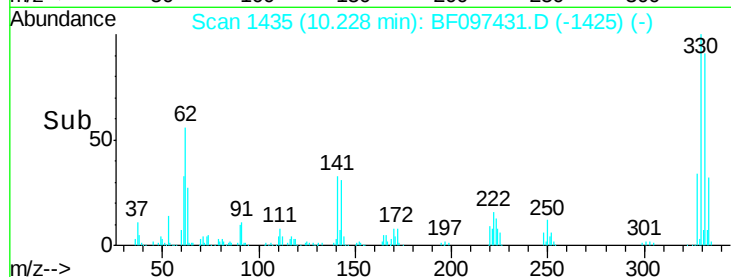
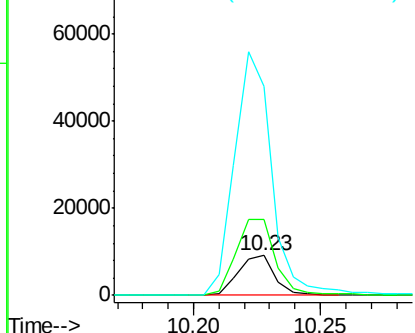
#66
 4-Bromophenyl-phenylether
 Concen: 3.05 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:248 Resp: 9062
 Ion Ratio Lower Upper
 248 100
 250 192.1 76.8 115.2#
 141 527.5 68.6 103.0#

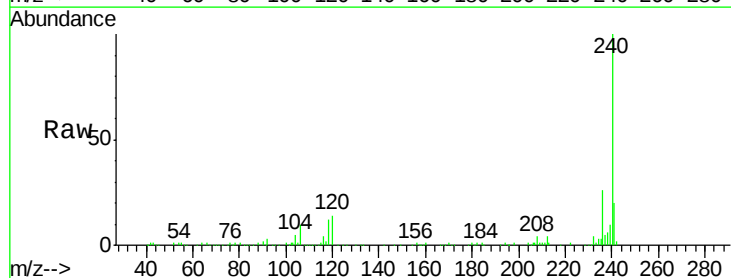


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

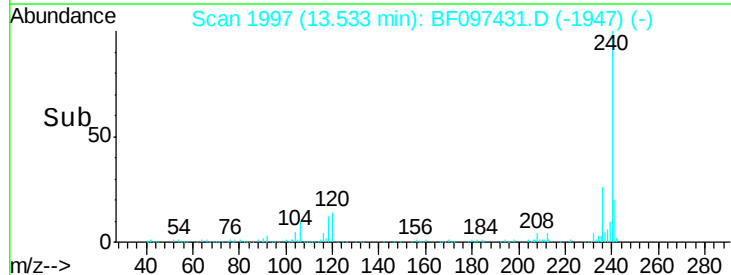
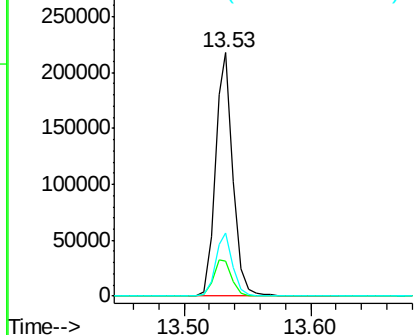


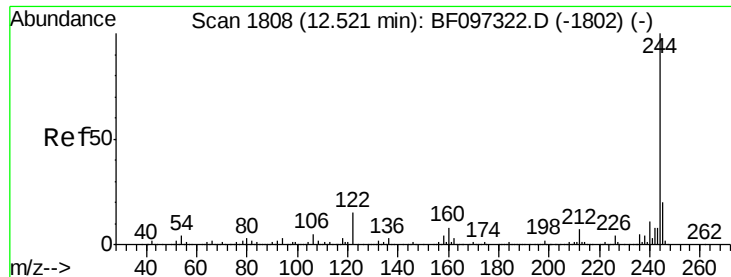
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Tgt Ion:240 Resp: 210922
 Ion Ratio Lower Upper
 240 100
 120 14.4 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

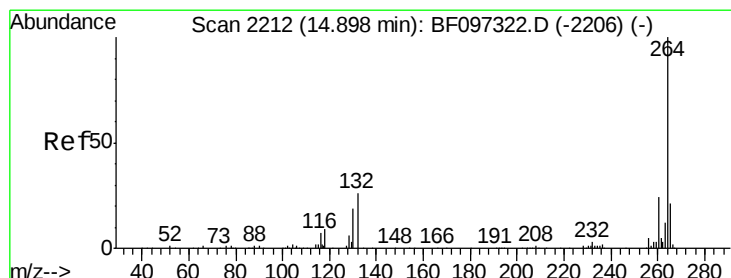
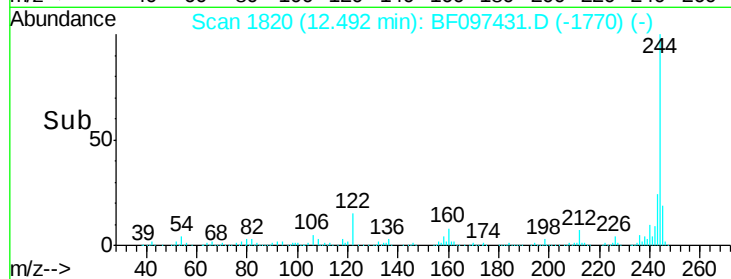
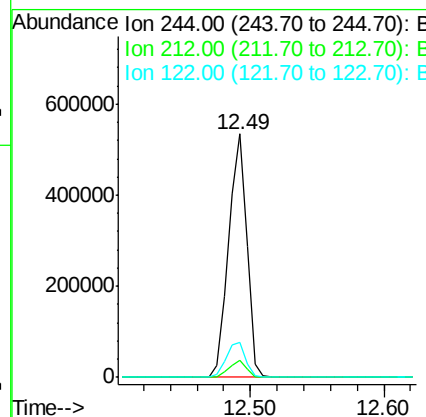
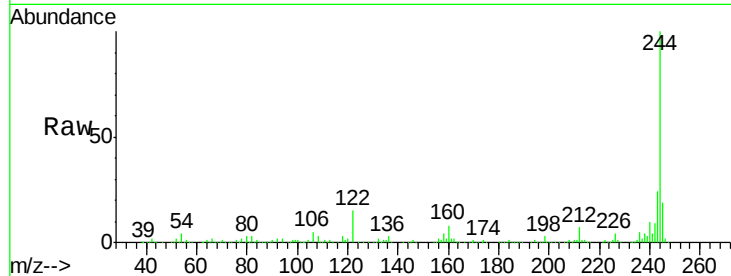




#78
 Terphenyl-d14
 Concen: 50.22 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:244 Resp: 519552
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097431.D
 Acq: 7 Aug 2017 16:09

Tgt Ion:264 Resp: 176946
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.7 17.2 25.8

