

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096528.D
 Acq On : 6 Jul 2017 12:59
 Operator : SJ/MA
 Sample : I4053-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-A

Quant Time: Jul 06 18:24:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

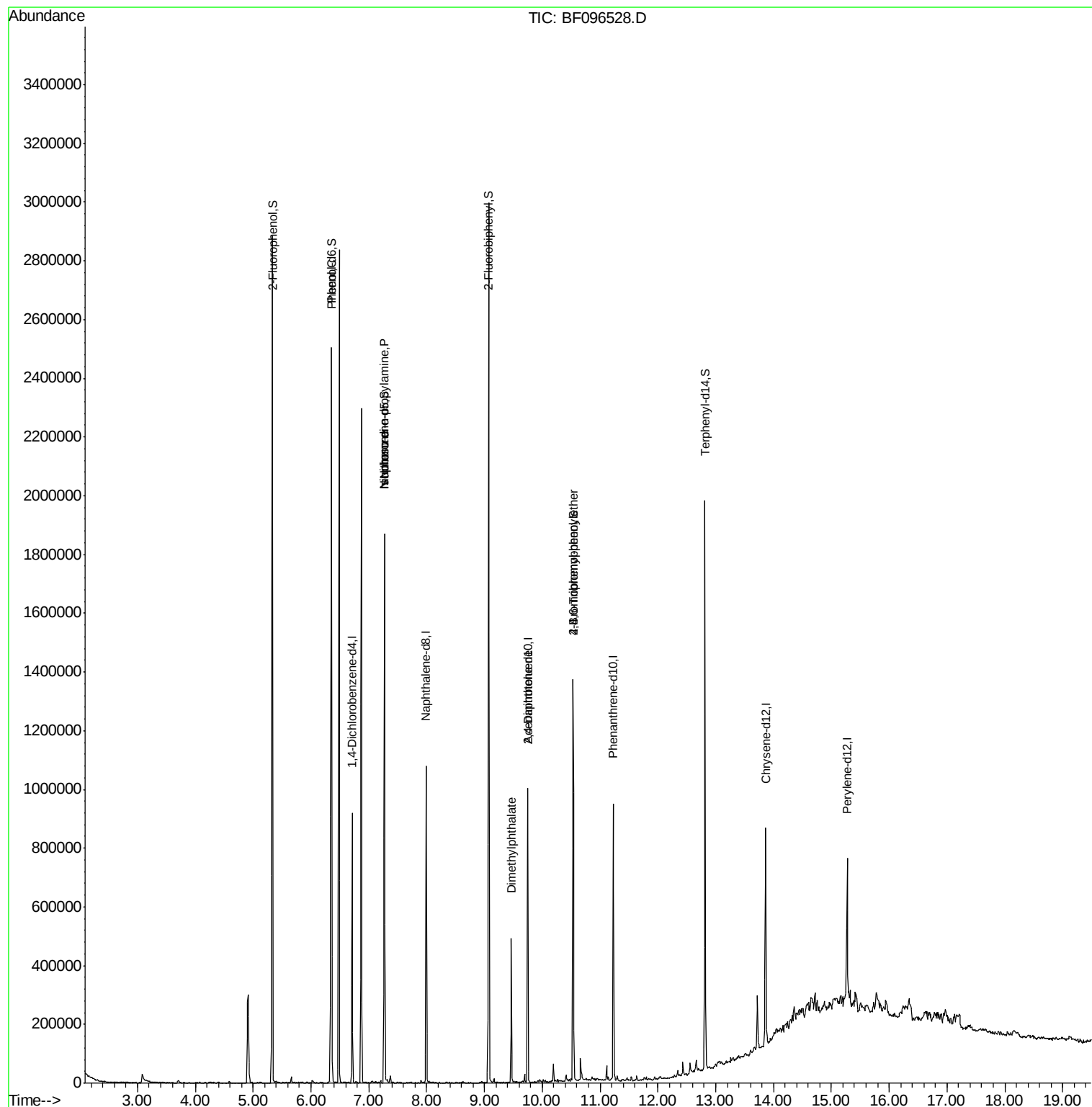
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	131123	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	492176	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210739	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	326416	20.00	ng	0.00
75) Chrysene-d12	13.86	240	249897	20.00	ng	0.00
86) Perylene-d12	15.27	264	223889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	873593	98.33	ng	0.01
7) Phenol-d6	6.35	99	987127	90.38	ng	0.00
23) Nitrobenzene-d5	7.27	82	582343	71.10	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	148360	90.13	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	951529	77.20	ng	0.00
78) Terphenyl-d14	12.82	244	617906	52.84	ng	0.00
Target Compounds						
10) Phenol	6.36	94	38081	3.061	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	77383	11.893	ng	# 85
25) Isophorone	7.27	82	579070	36.464	ng	# 67
49) Dimethylphthalate	9.47	163	213386	13.564	ng	97
56) 2,4-Dinitrotoluene	9.75	165	27041	6.138	ng	# 33
66) 4-Bromophenyl-phenylether	10.54	248	10469	3.295	ng	# 1

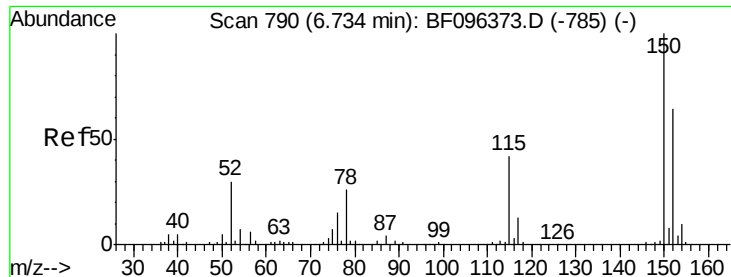
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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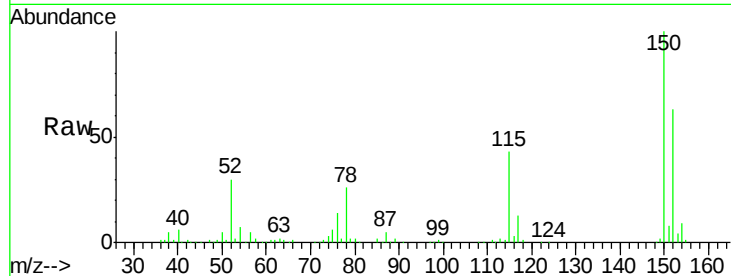


#1

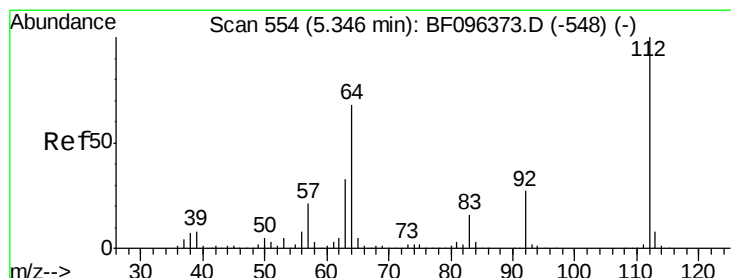
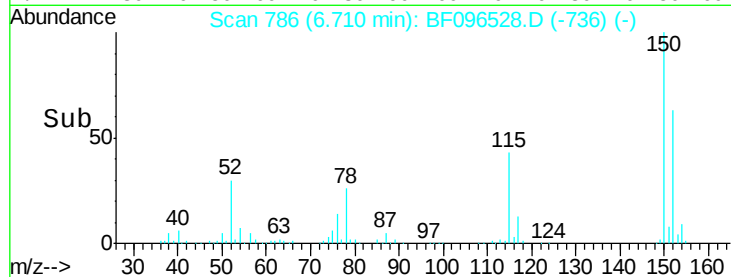
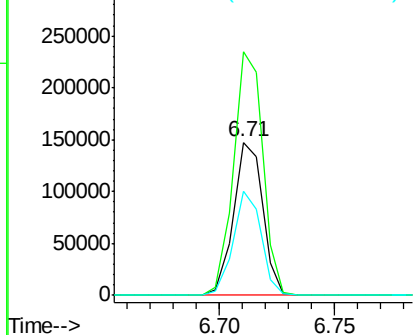
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096528.D
Acq: 6 Jul 2017 12:59

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-A

Tgt Ion:152 Resp: 131123
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 67.7 52.2 78.2



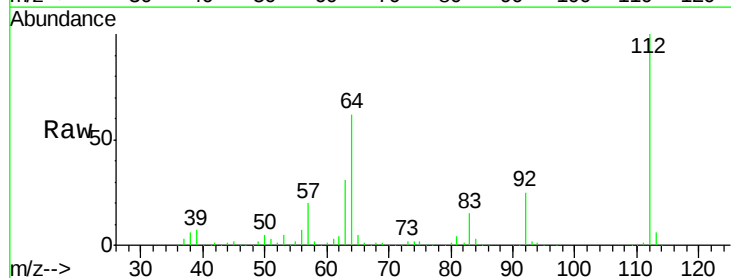
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



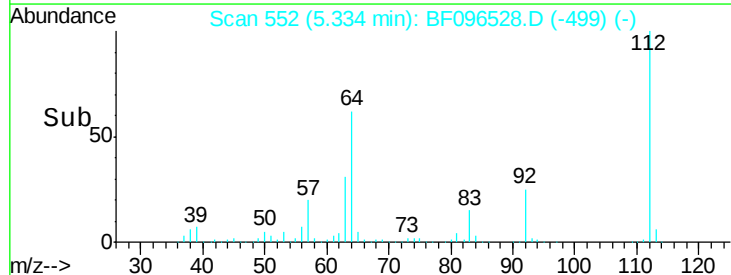
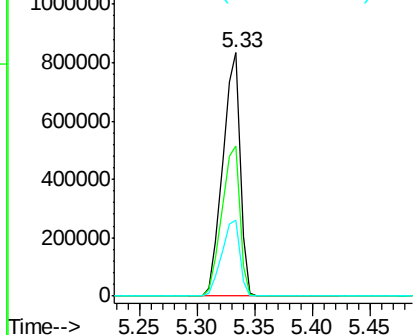
#5

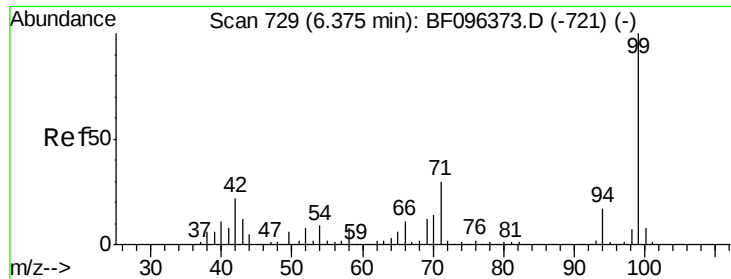
2-Fluorophenol
Concen: 98.335 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096528.D
Acq: 6 Jul 2017 12:59

Tgt Ion:112 Resp: 873593
Ion Ratio Lower Upper
112 100
64 61.6 46.0 69.0
63 31.2 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: 90.384 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096528.D

Acq: 6 Jul 2017 12:59

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-A

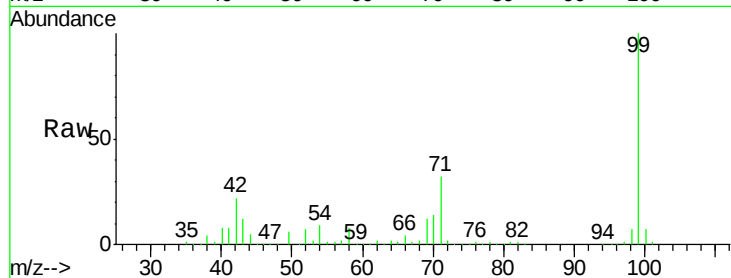
Tgt Ion: 99 Resp: 987127

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

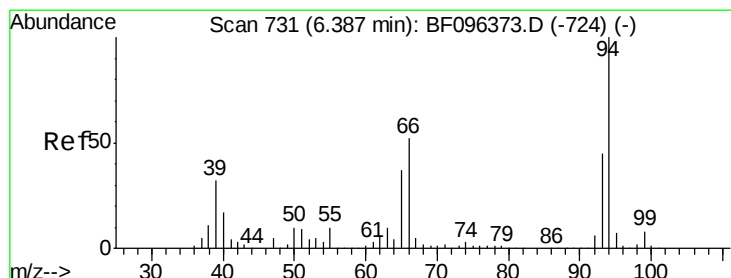
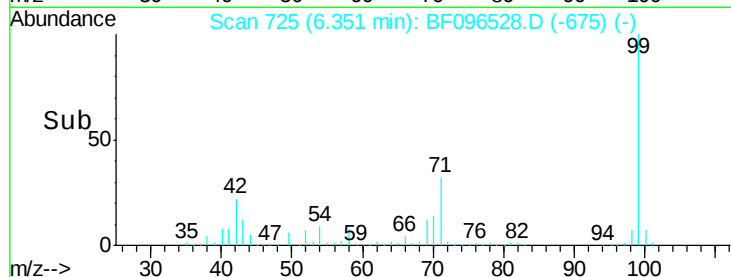
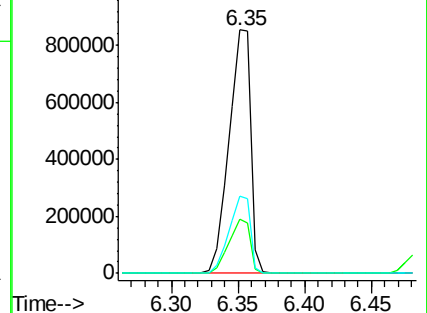
71 31.7 24.5 36.7



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: 3.061 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096528.D

Acq: 6 Jul 2017 12:59

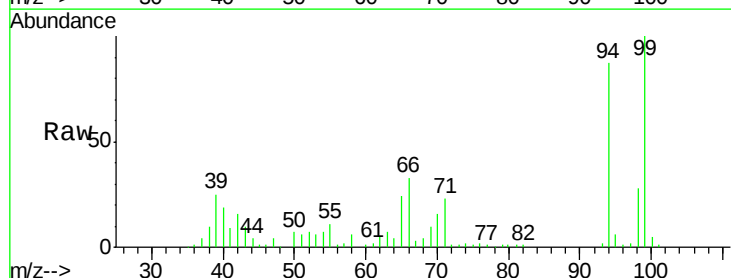
Tgt Ion: 94 Resp: 38081

Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

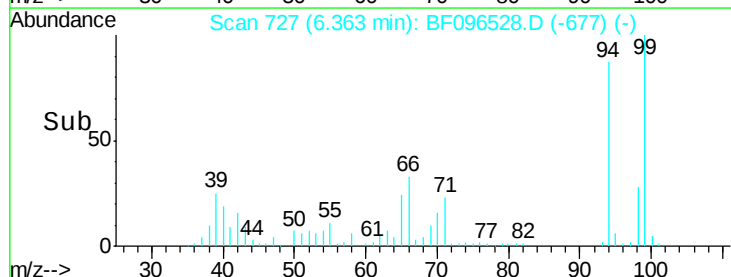
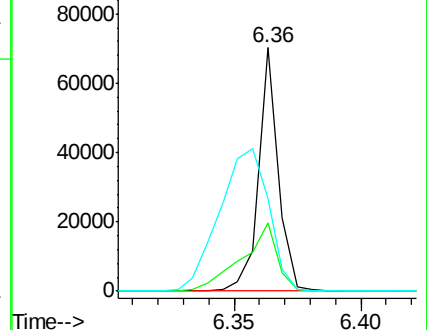
66 38.2 23.1 63.1

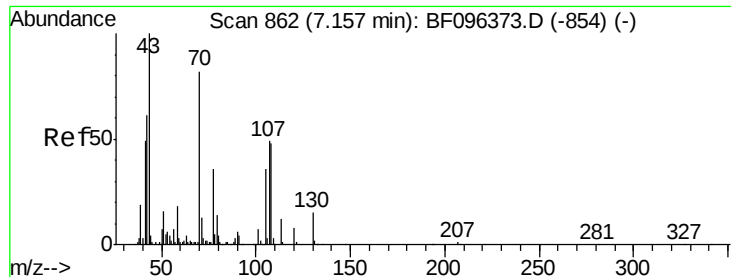


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

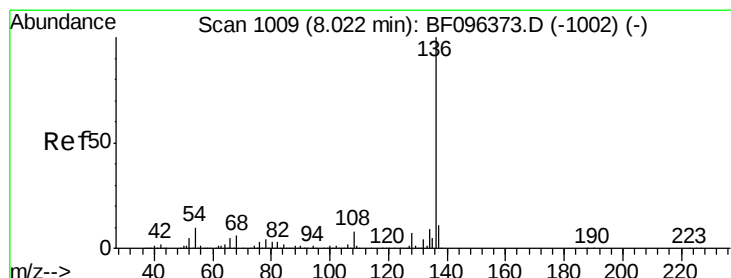
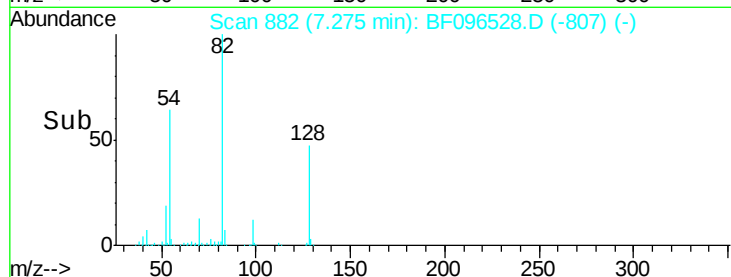
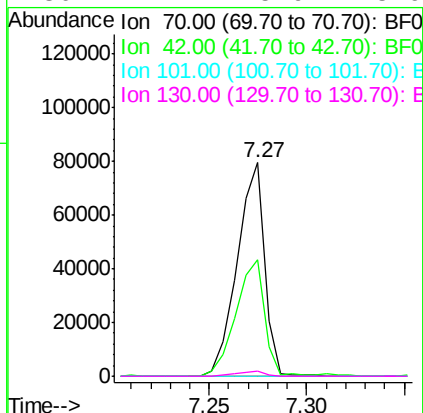
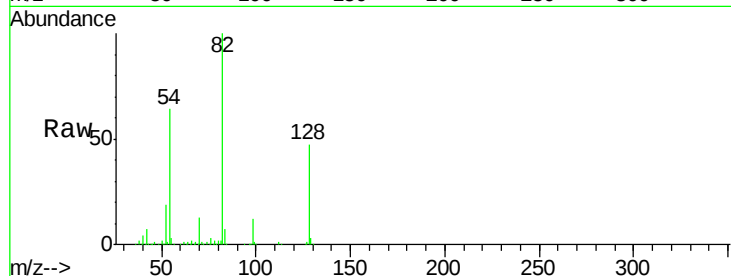




#19
n-Nitroso-di-n-propylamine
Concen: 11.893 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096528.D
Acq: 6 Jul 2017 12:59

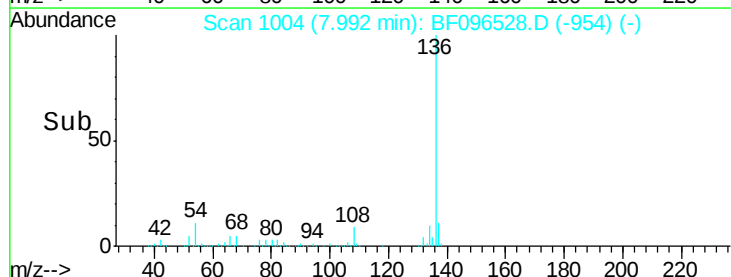
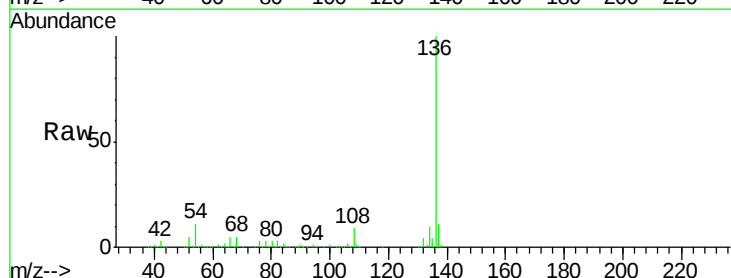
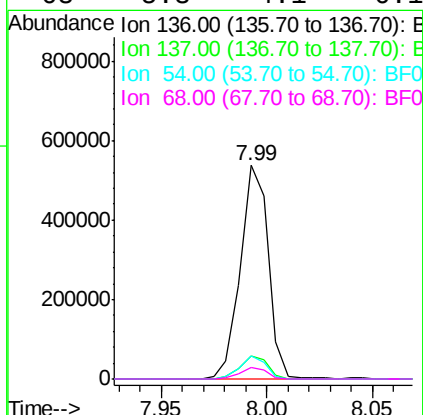
Instrument :
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ClientSampleId :
CL-02-070317-A

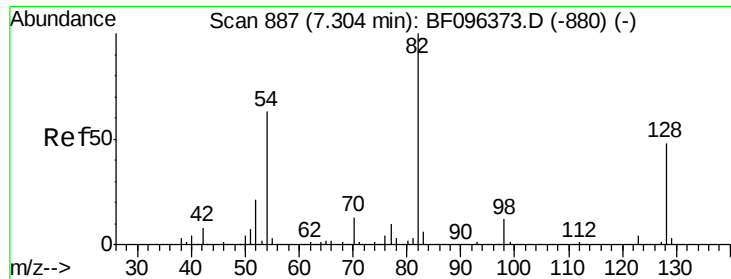
Tgt Ion: 70 Resp: 77383
Ion Ratio Lower Upper
70 100
42 54.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096528.D
Acq: 6 Jul 2017 12:59

Tgt Ion: 136 Resp: 492176
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.6 4.9 7.3#
68 5.3 4.1 6.1

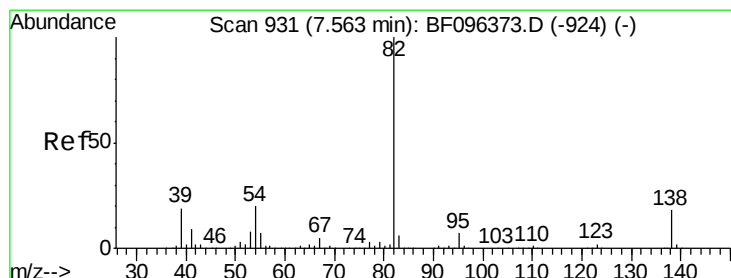
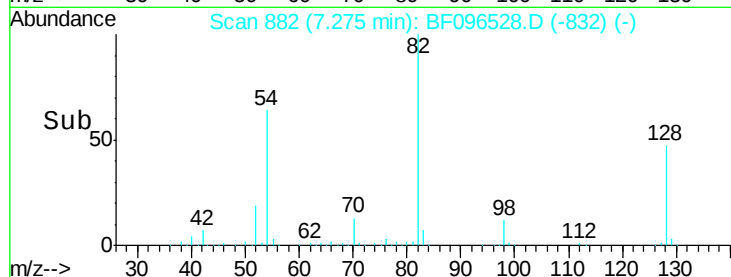
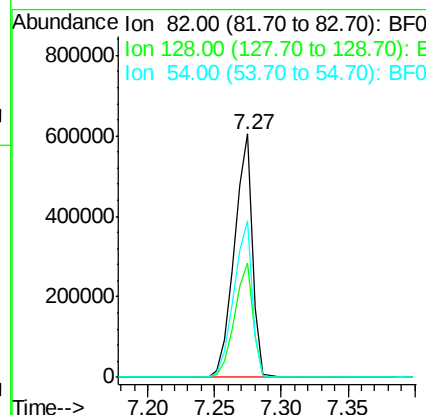
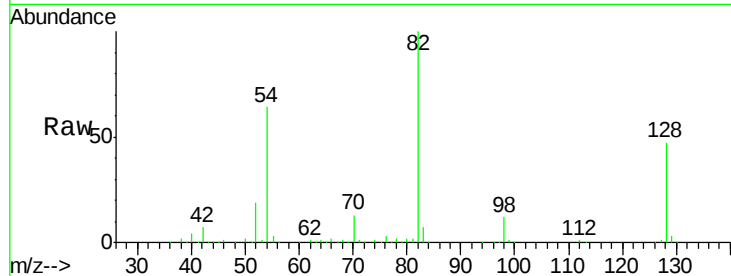




#23
 Nitrobenzene-d5
 Concen: 71.099 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

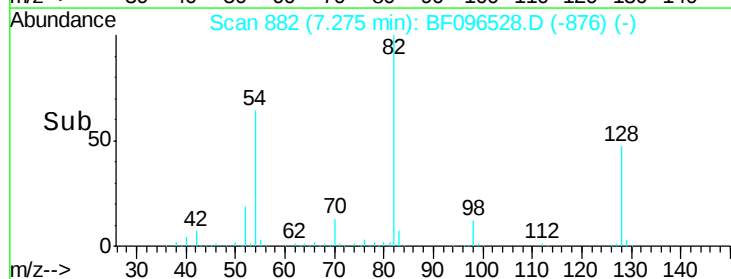
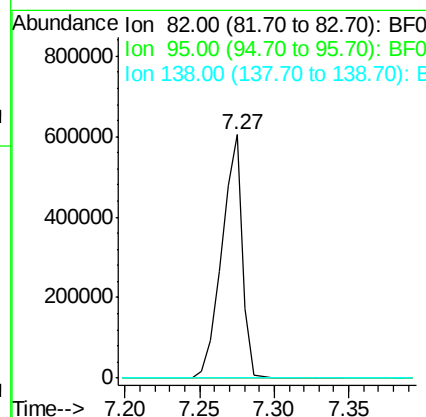
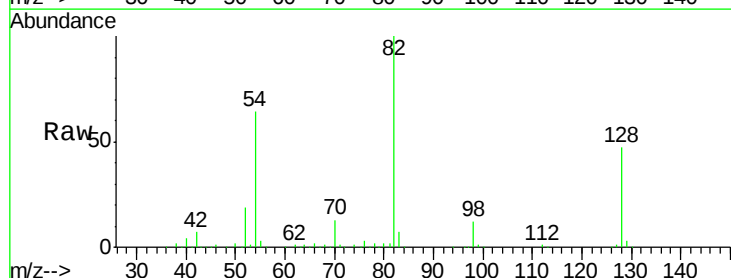
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-A

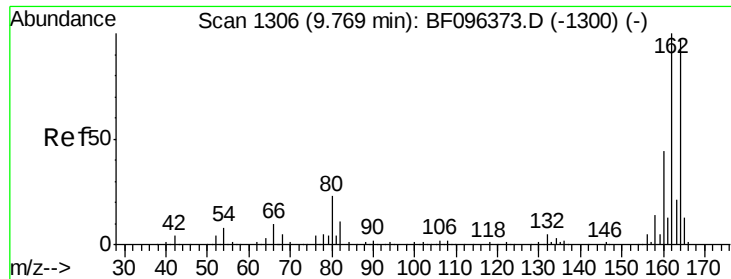
Tgt Ion: 82 Resp: 582343
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 64.3 42.2 63.2#



#25
 Isophorone
 Concen: 36.464 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Tgt Ion: 82 Resp: 579070
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

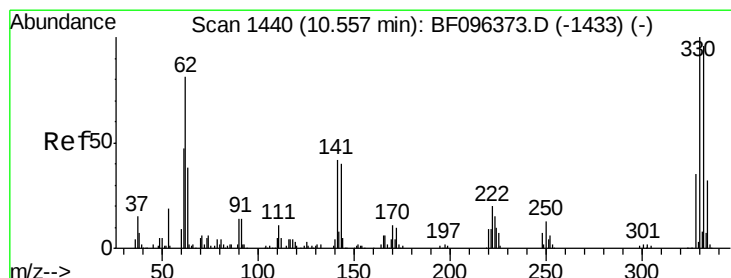
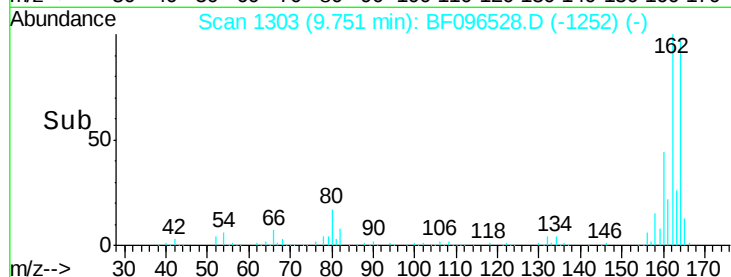
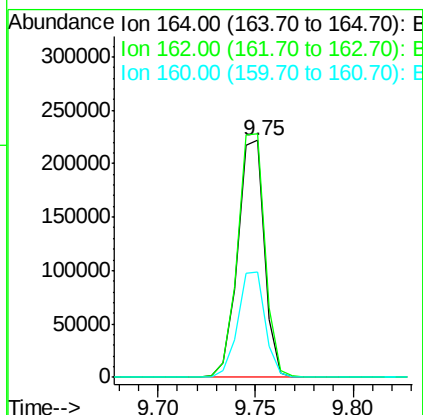
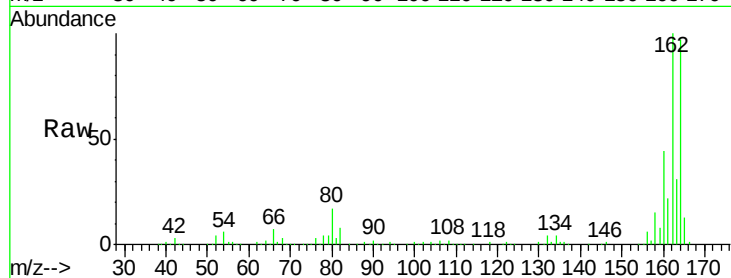




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

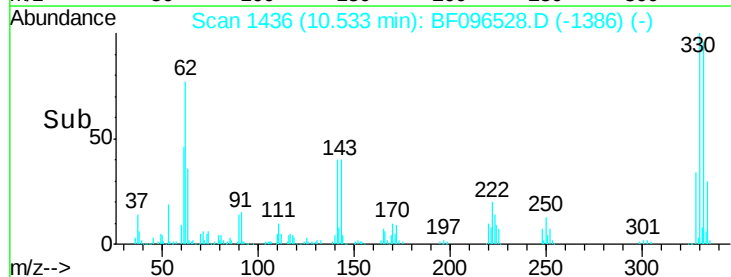
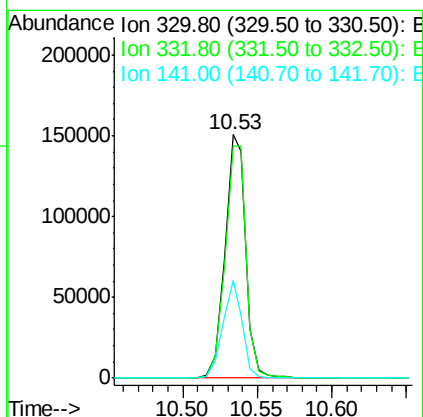
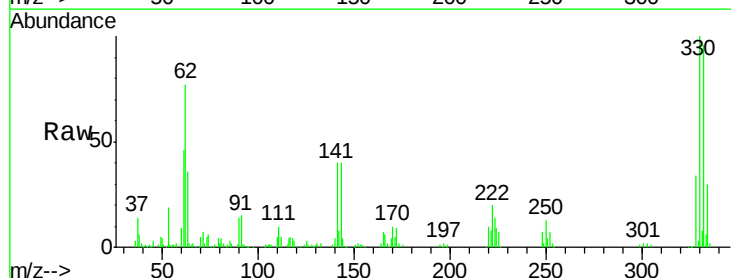
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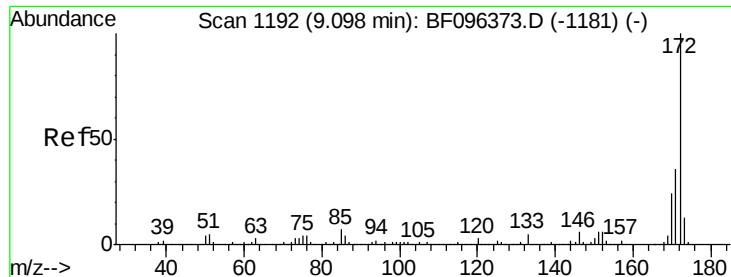
Tgt Ion:164 Resp: 210739
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 44.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 90.127 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Tgt Ion:330 Resp: 148360
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 37.3 31.4 47.2

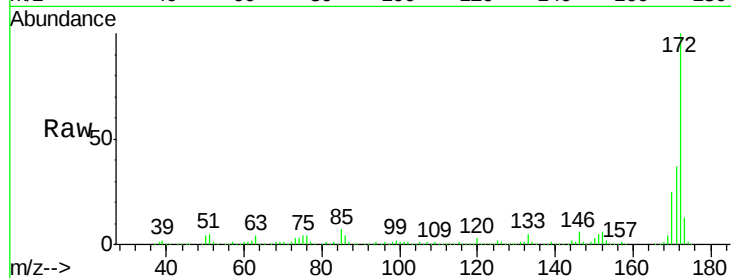




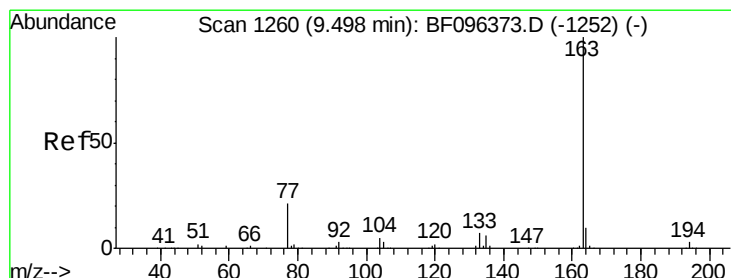
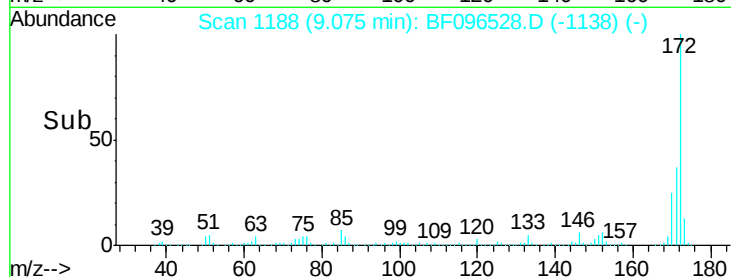
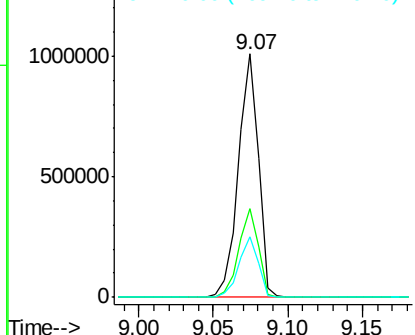
#44
2-Fluorobiphenyl
Concen: 77.200 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096528.D
Acq: 6 Jul 2017 12:59

Instrument :
BNA_F
ClientSampleId :
CL-02-070317-A

Tgt Ion:172 Resp: 951529
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.7 19.8 29.8

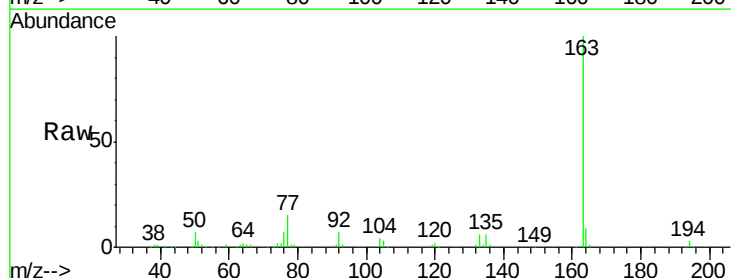


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

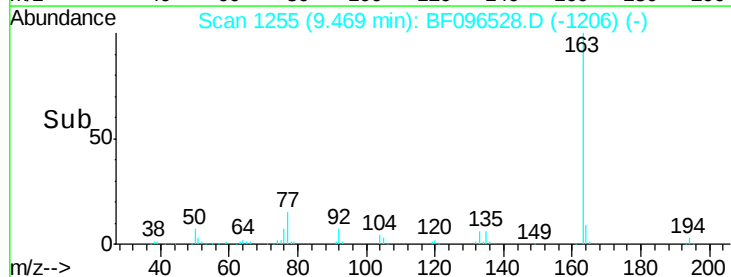
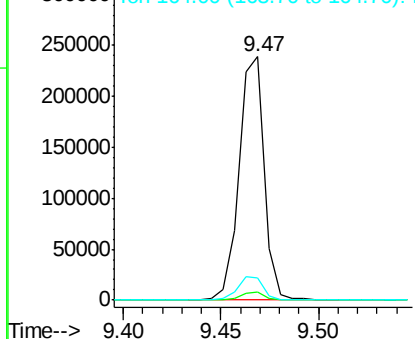


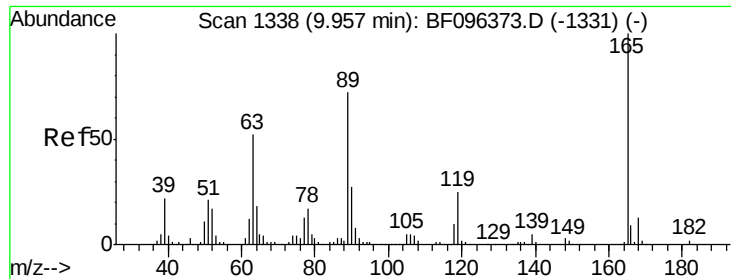
#49
Dimethylphthalate
Concen: 13.564 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096528.D
Acq: 6 Jul 2017 12:59

Tgt Ion:163 Resp: 213386
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.1 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

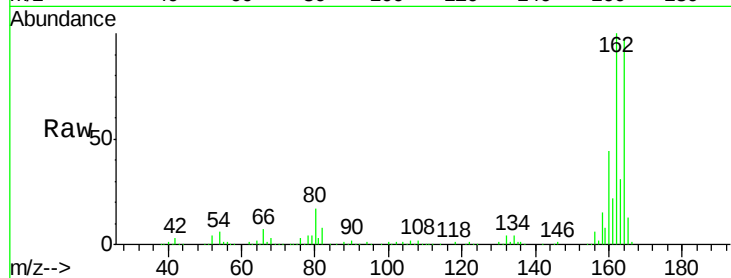




#56
 2,4-Dinitrotoluene
 Concen: 6.138 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

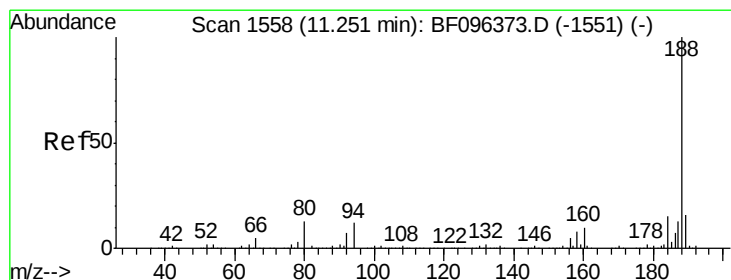
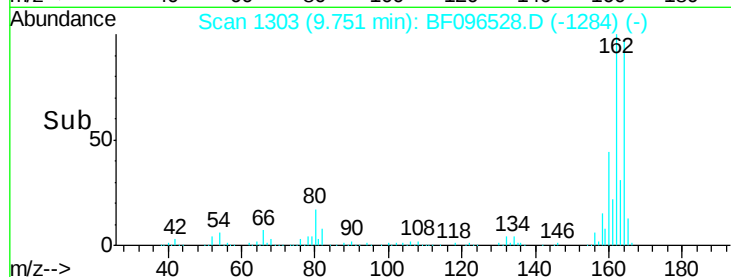
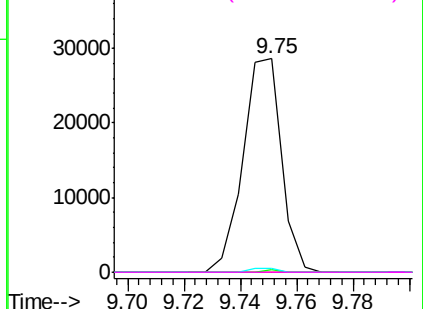


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

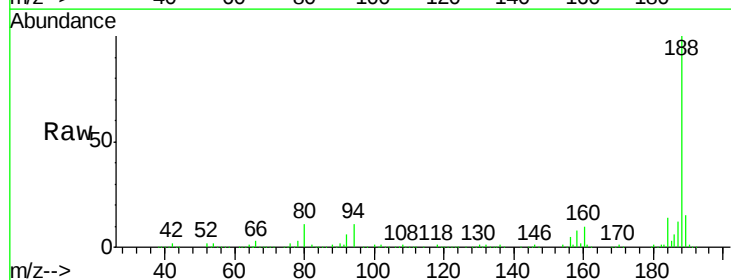
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

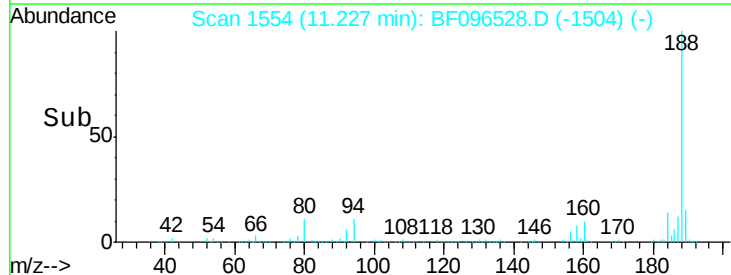
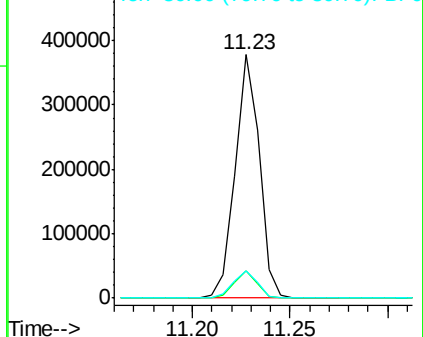
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.0	10.2	15.2

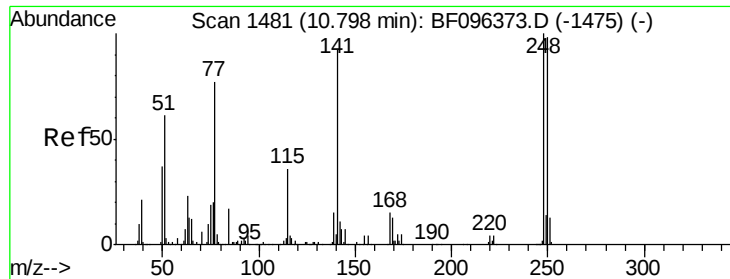


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

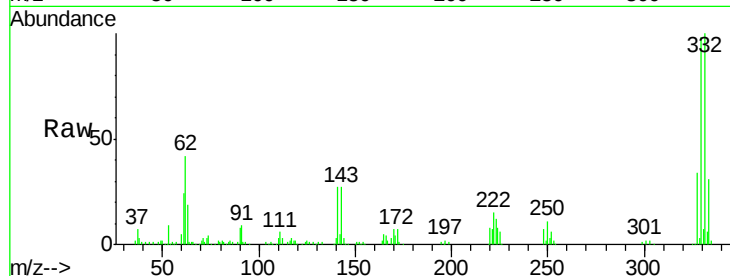




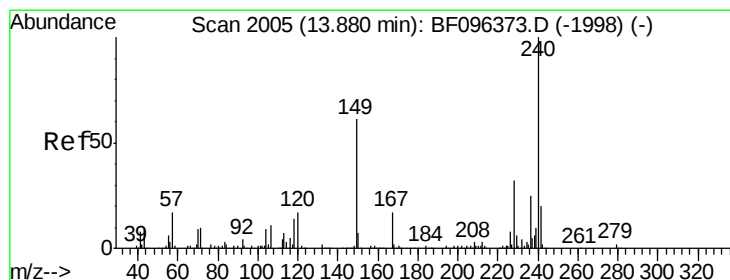
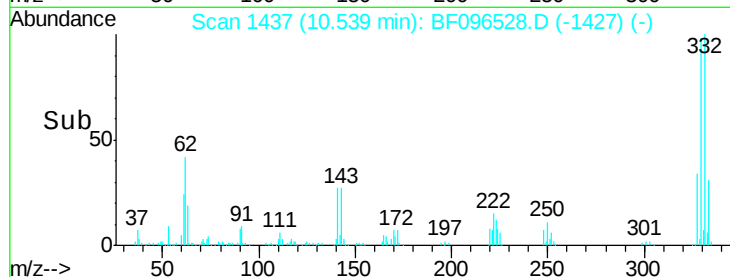
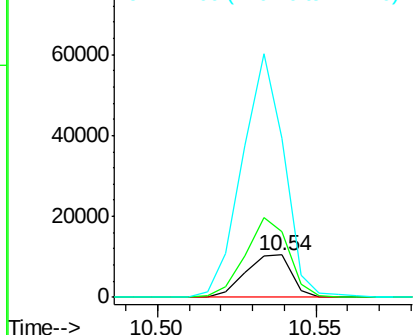
#66
 4-Bromophenyl-phenylether
 Concen: 3.295 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-A

Tgt Ion:248 Resp: 10469
 Ion Ratio Lower Upper
 248 100
 250 155.3 76.8 115.2#
 141 375.8 68.6 103.0#

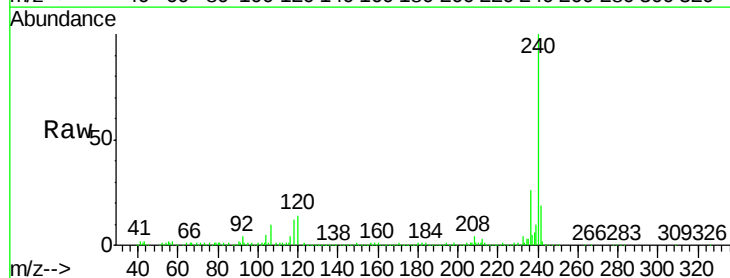


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

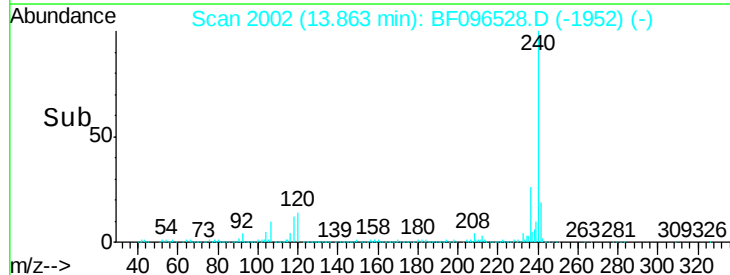
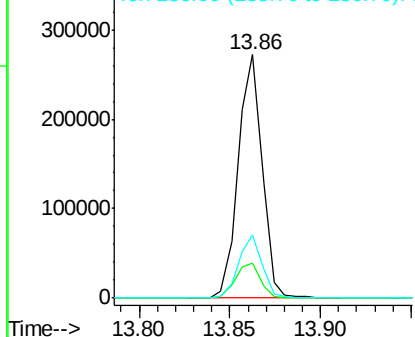


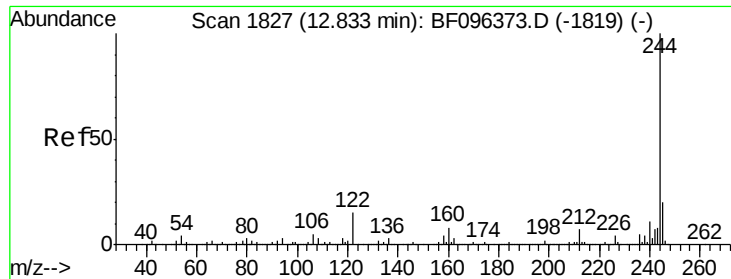
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Tgt Ion:240 Resp: 249897
 Ion Ratio Lower Upper
 240 100
 120 14.2 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

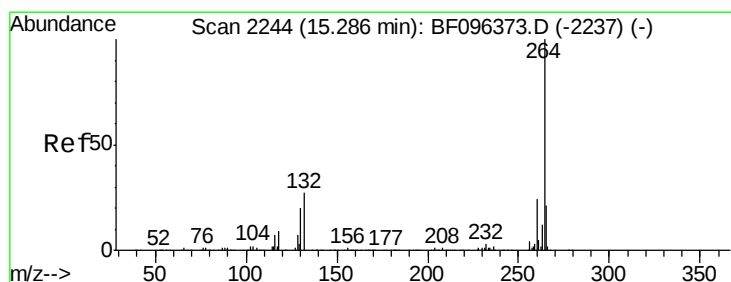
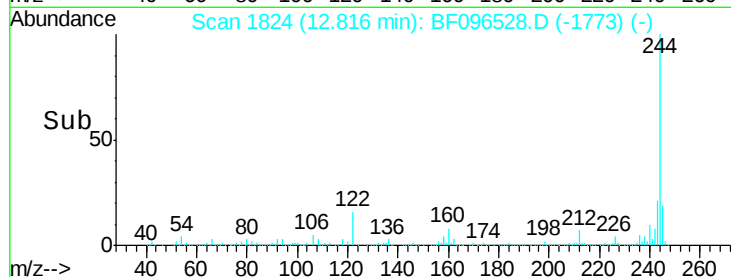
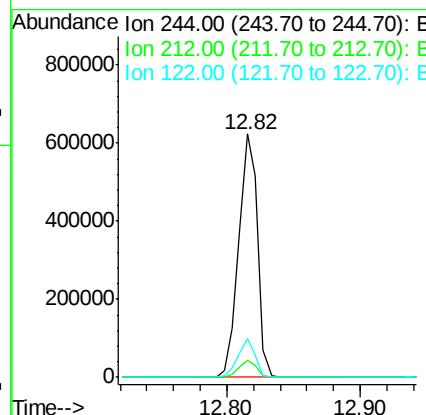
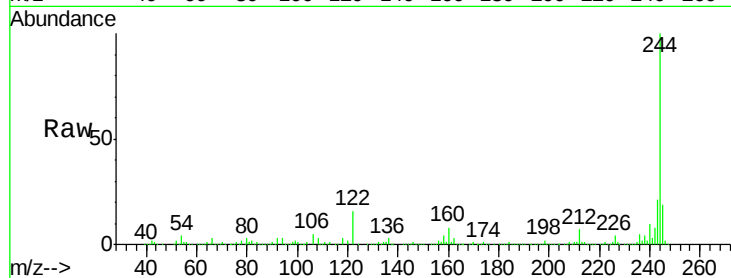




#78
 Terphenyl-d14
 Concen: 52.836 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-070317-A

Tgt Ion:244 Resp: 617906
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 16.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF096528.D
 Acq: 6 Jul 2017 12:59

Tgt Ion:264 Resp: 223889
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.3 17.2 25.8

