

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096531.D
 Acq On : 6 Jul 2017 14:20
 Operator : SJ/MA
 Sample : I4053-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 06 18:25:18 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	6.72	152	119486	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	477364	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	190611	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	279119	20.00	ng	0.00
75) Chrysene-d12	13.87	240	222723	20.00	ng	0.00
86) Perylene-d12	15.29	264	187631	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	729838	90.15	ng	0.00
7) Phenol-d6	6.36	99	878768	88.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	498829	62.79	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	129848	87.21	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	865650	77.65	ng	0.00
78) Terphenyl-d14	12.82	244	529201	50.77	ng	0.00

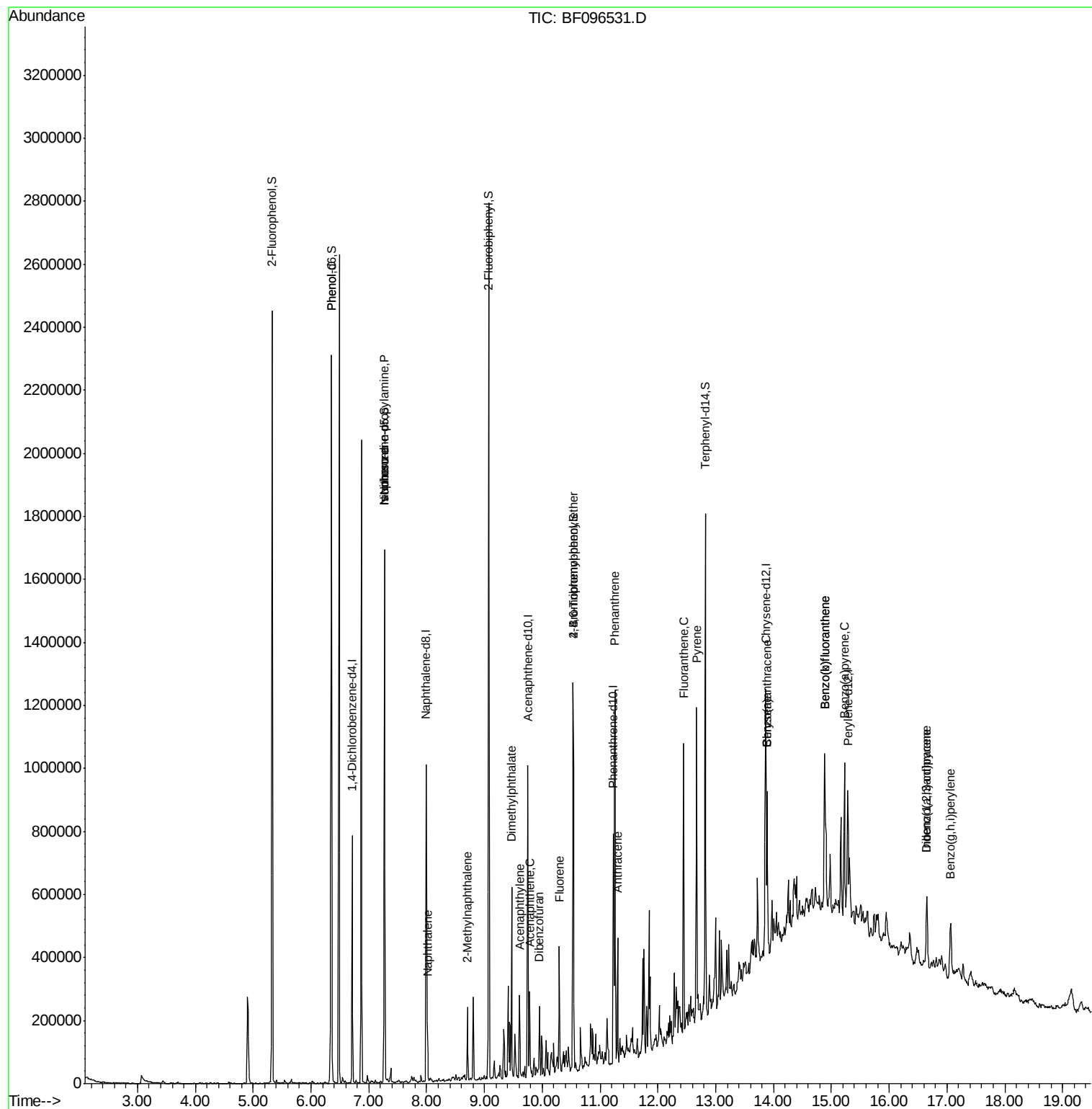
Target Compounds				Qvalue		
10) Phenol	6.36	94	29453	2.598	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	67029	11.305	ng	# 88
25) Isophorone	7.27	82	492482	31.974	ng	# 67
31) Naphthalene	8.02	128	67448	2.993	ng	98
37) 2-Methylnaphthalene	8.71	142	57761	4.026	ng	98
48) Acenaphthylene	9.61	152	82389	4.272	ng	98
49) Dimethylphthalate	9.47	163	218082	15.326	ng	98
51) Acenaphthene	9.78	154	49508	4.165	ng	96
54) Dibenzofuran	9.95	168	44221	2.817	ng	# 95
57) Fluorene	10.29	166	104118	9.393	ng	97
66) 4-Bromophenyl-phenylether	10.53	248	8243	3.034	ng	# 1
70) Phenanthrene	11.26	178	439660	29.139	ng	98
71) Anthracene	11.30	178	137780	8.961	ng	98
74) Fluoranthene	12.44	202	370398	25.038	ng	99
77) Pyrene	12.67	202	422981	23.660	ng	100
80) Benzo(a)anthracene	13.89	228	195273	15.140	ng	94
82) Chrysene	13.89	228	195273	14.458	ng	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	140885	13.215	ng	94
87) Benzo(b)fluoranthene	14.89	252	368342	31.330	ng	# 97
88) Benzo(k)fluoranthene	14.89	252	368342	35.025	ng	99
89) Benzo(a)pyrene	15.23	252	230862	21.994	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	35291	4.274	ng	# 73
91) Benzo(g,h,i)perylene	17.06	276	132879	15.529	ng	99

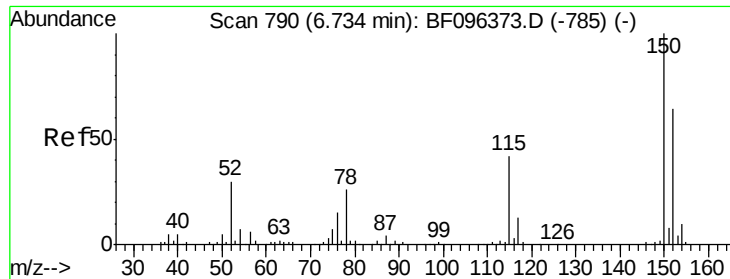
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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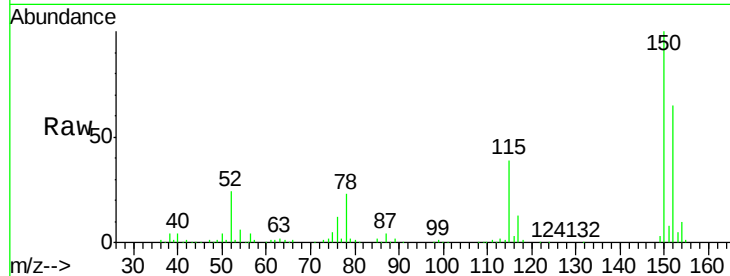


#1

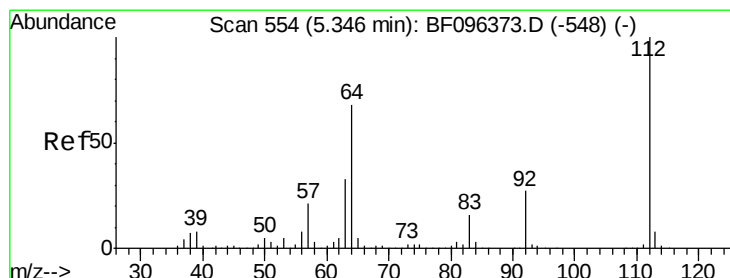
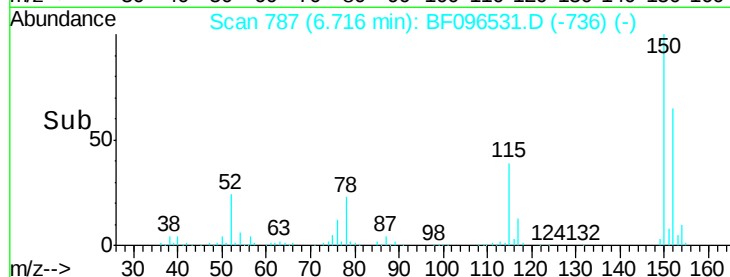
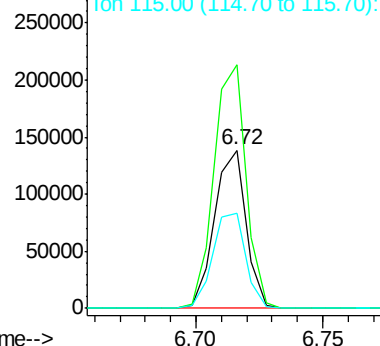
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

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

Tgt Ion:152 Resp: 119486
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 60.3 52.2 78.2



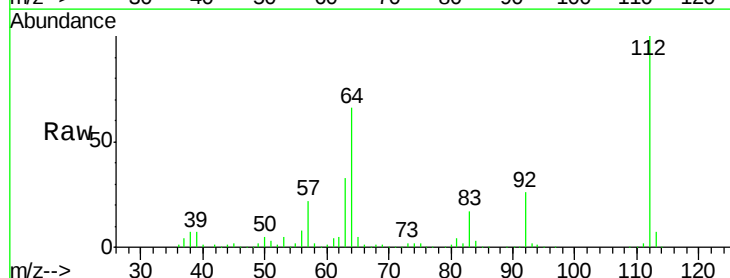
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



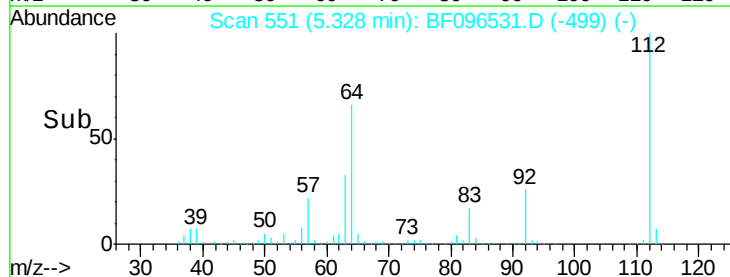
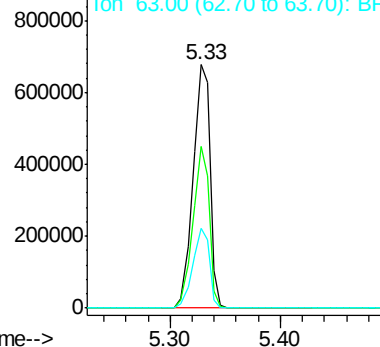
#5

2-Fluorophenol
Concen: 90.154 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:112 Resp: 729838
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 32.7 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: 88.298 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

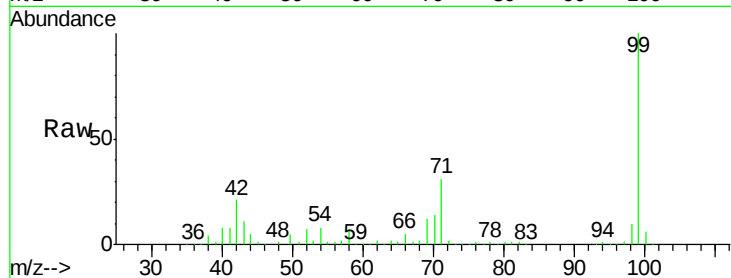
Tgt Ion: 99 Resp: 878768

Ion Ratio Lower Upper

99 100

42 21.0 13.5 20.3#

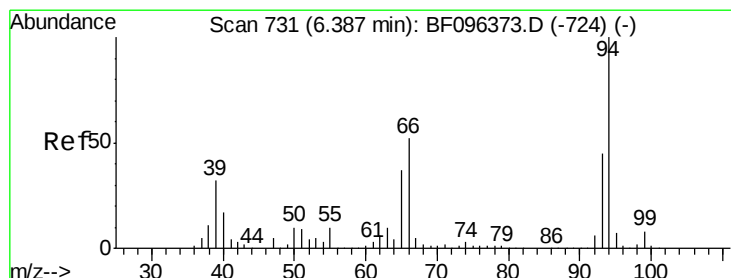
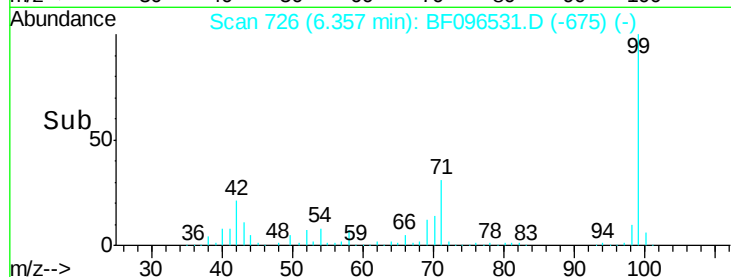
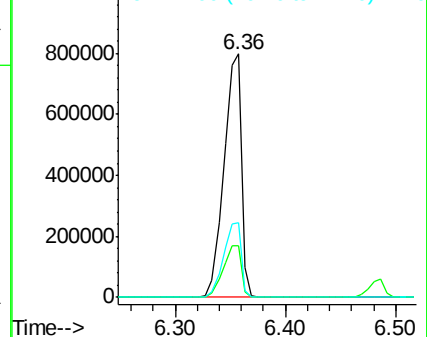
71 30.8 24.5 36.7



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: 2.598 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

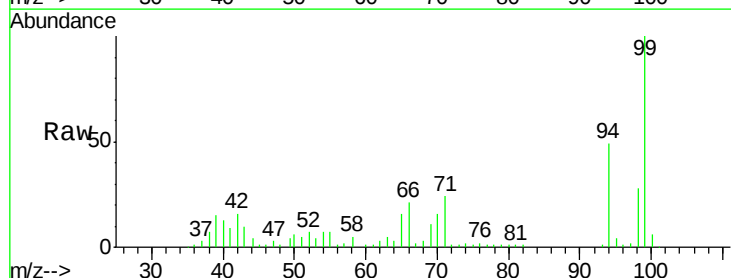
Tgt Ion: 94 Resp: 29453

Ion Ratio Lower Upper

94 100

65 32.4 9.9 49.9

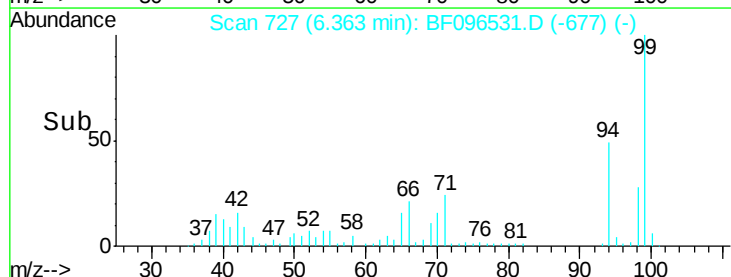
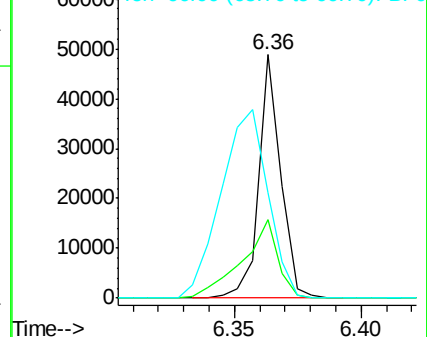
66 43.5 23.1 63.1

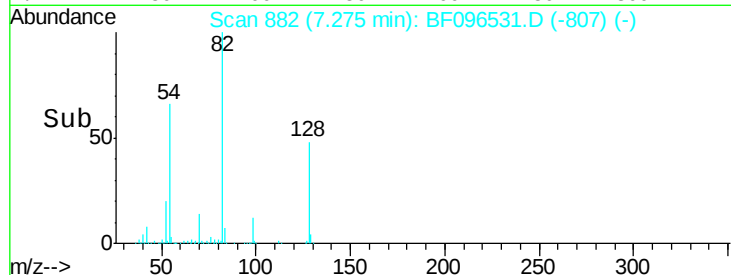
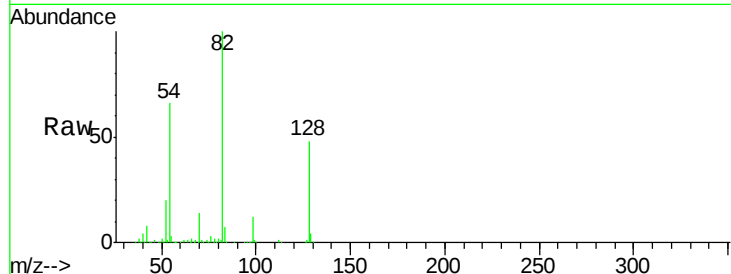


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

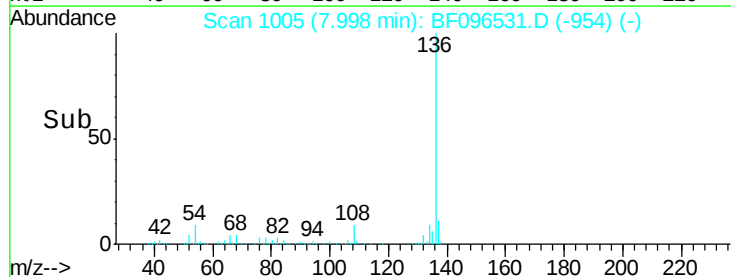
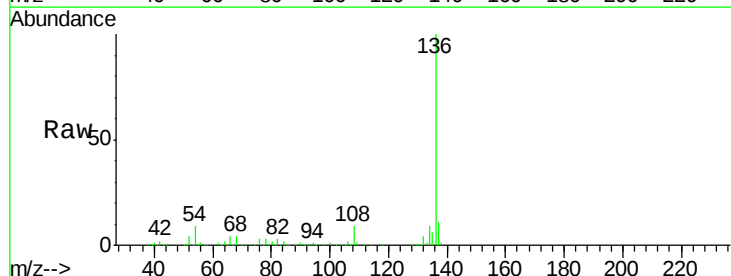
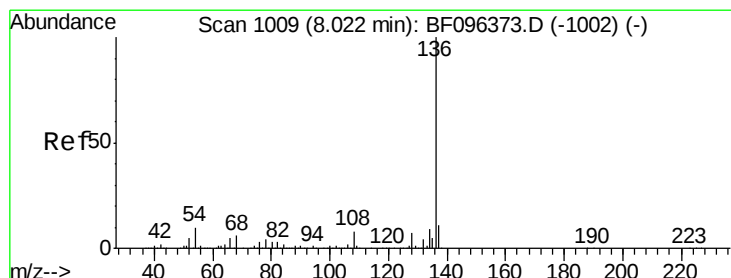
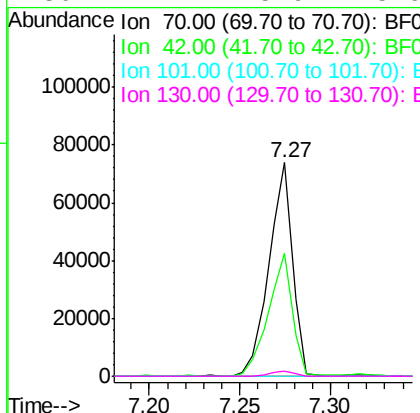




#19
n-Nitroso-di-n-propylamine
Concen: 11.305 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

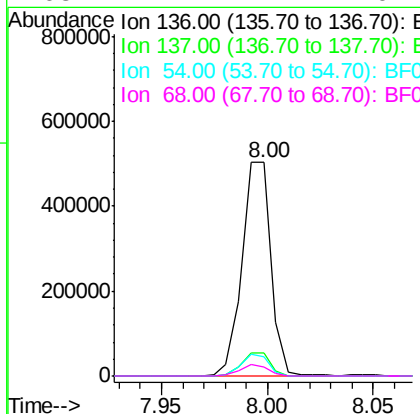
Instrument :
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CL-02-070317-D

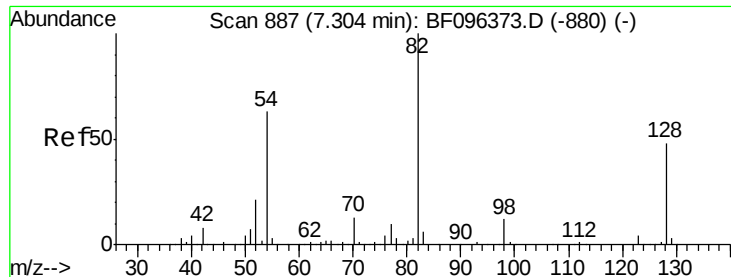
Tgt Ion: 70 Resp: 67029
Ion Ratio Lower Upper
70 100
42 57.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion: 136 Resp: 477364
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.9 4.9 7.3#
68 4.2 4.1 6.1

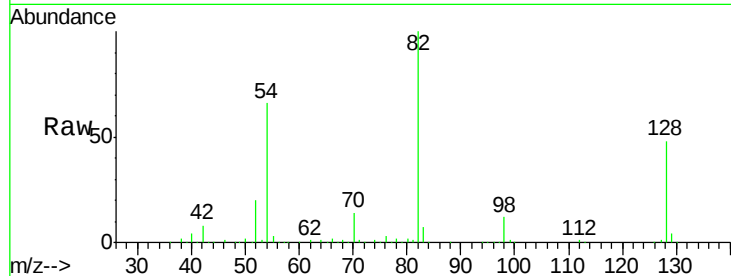




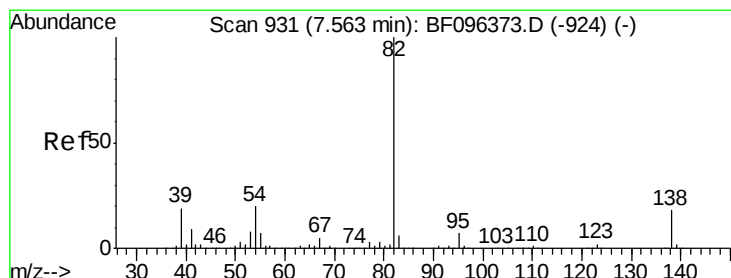
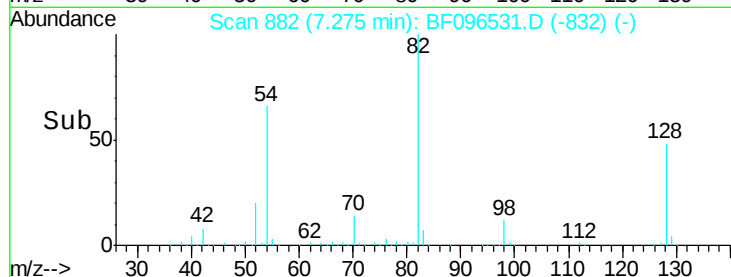
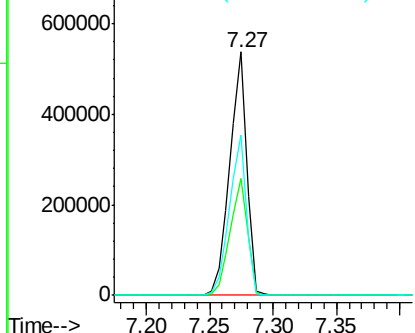
#23
 Nitrobenzene-d5
 Concen: 62.793 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

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

Tgt Ion: 82 Resp: 498829
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 65.8 42.2 63.2#

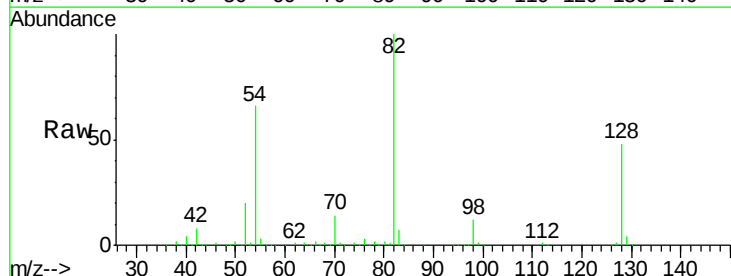


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

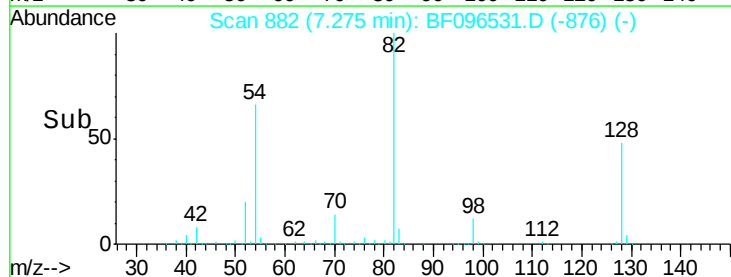
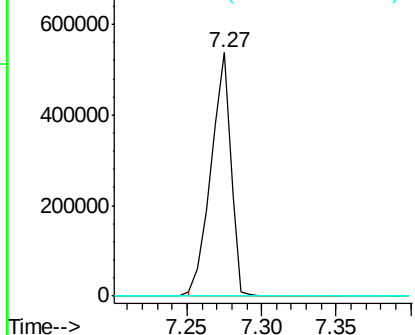


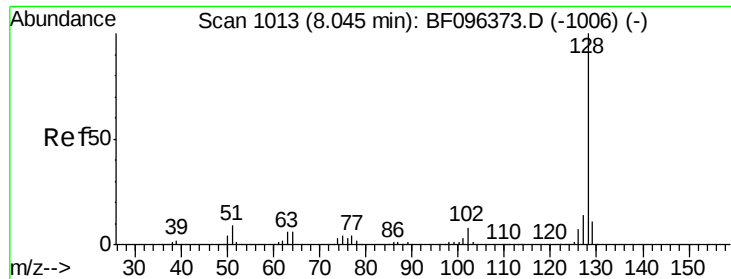
#25
 Isophorone
 Concen: 31.974 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

Tgt Ion: 82 Resp: 492482
 Ion Ratio Lower Upper
 82 100
 95 0.1 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

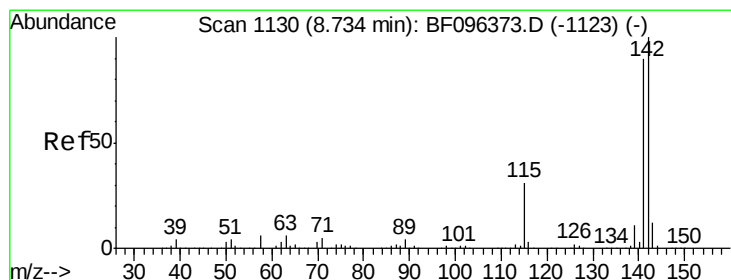
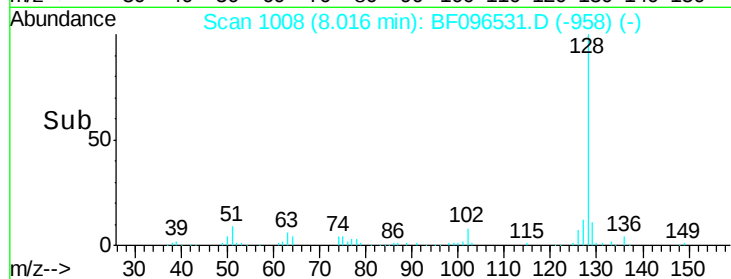
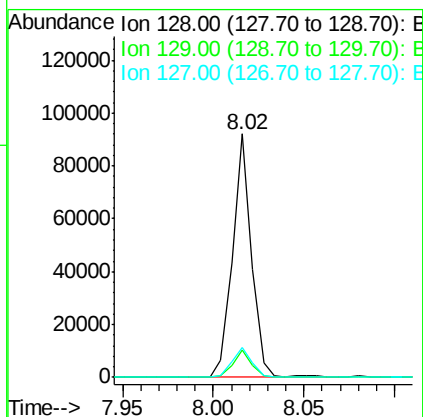
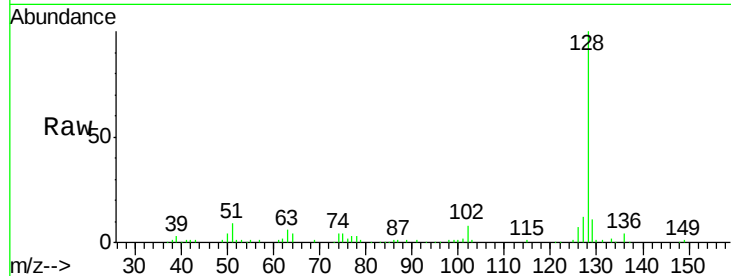




#31
Naphthalene
Concen: 2.993 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

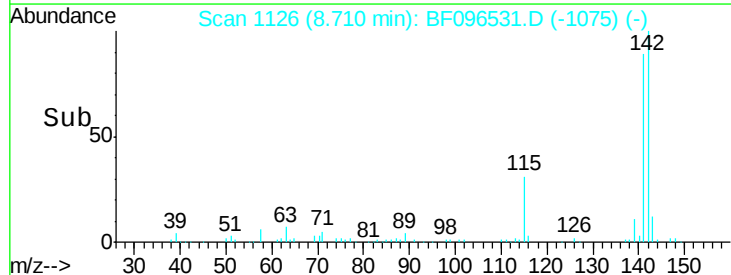
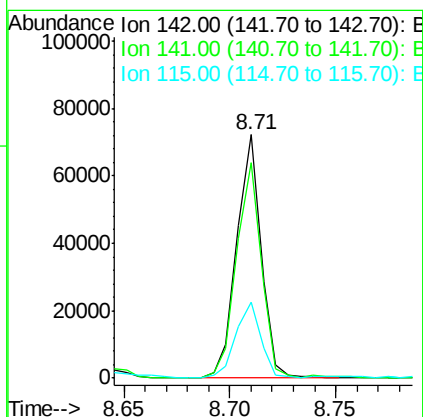
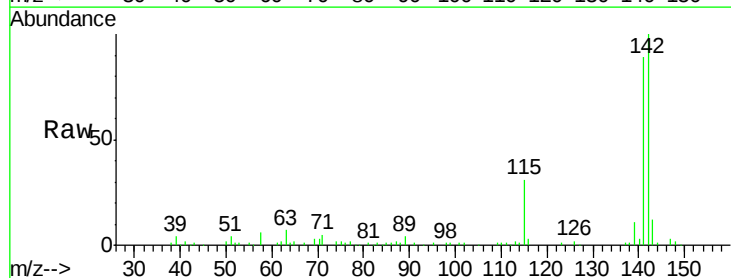
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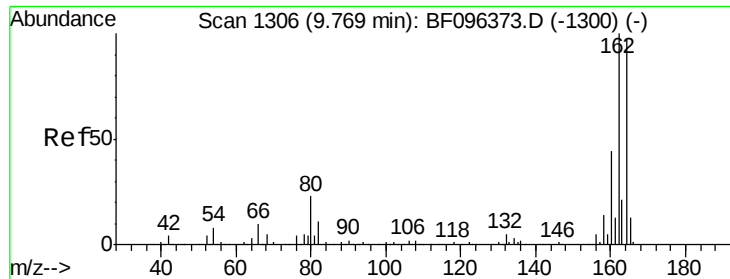
Tgt Ion:128 Resp: 67448
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.3 10.8 16.2



#37
2-Methylnaphthalene
Concen: 4.026 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:142 Resp: 57761
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 31.0 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

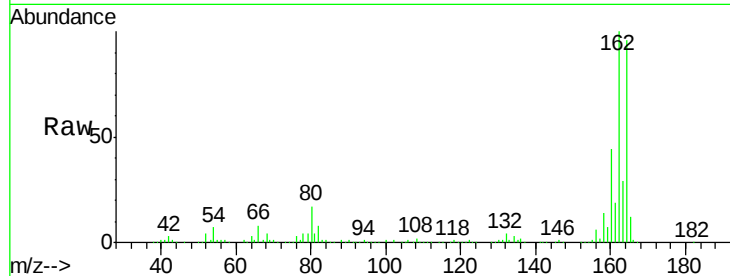
Tgt Ion:164 Resp: 190611

Ion Ratio Lower Upper

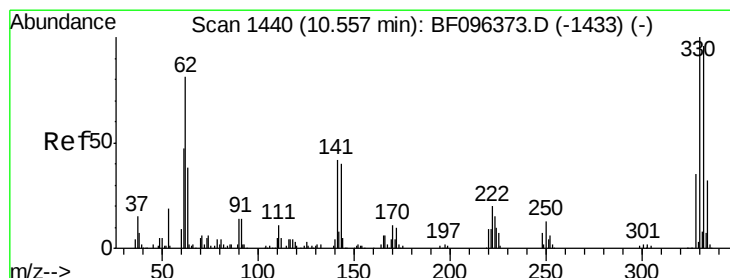
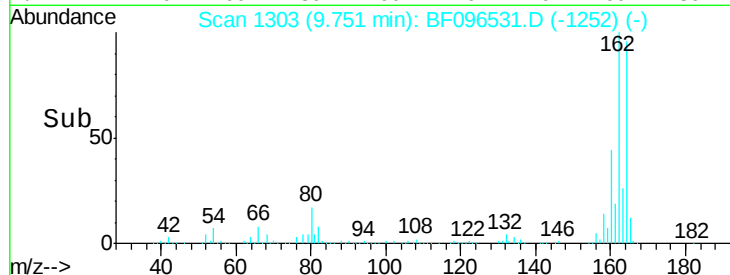
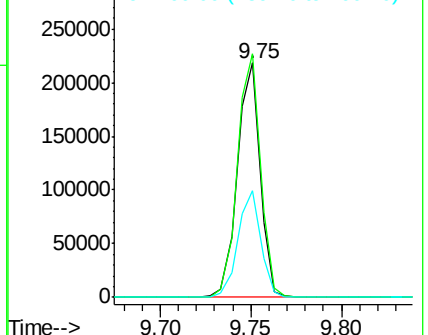
164 100

162 103.9 82.6 123.8

160 45.7 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: 87.210 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

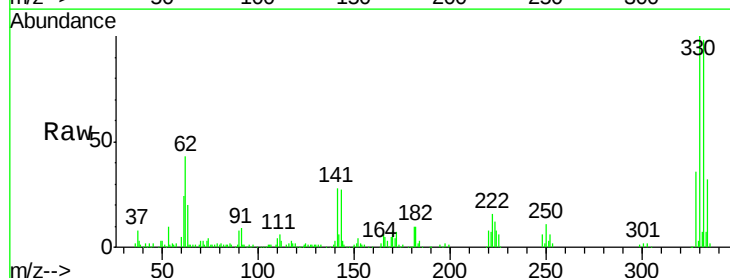
Tgt Ion:330 Resp: 129848

Ion Ratio Lower Upper

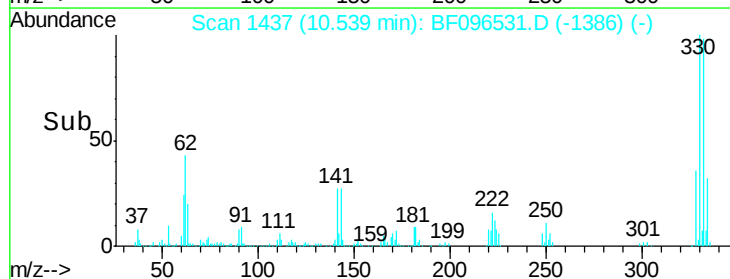
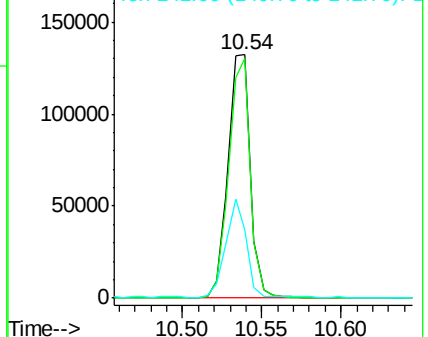
330 100

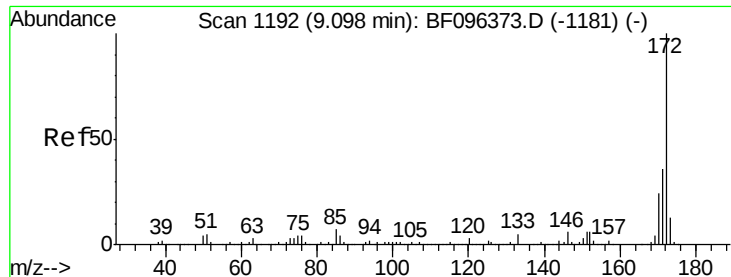
332 94.7 76.6 115.0

141 36.3 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

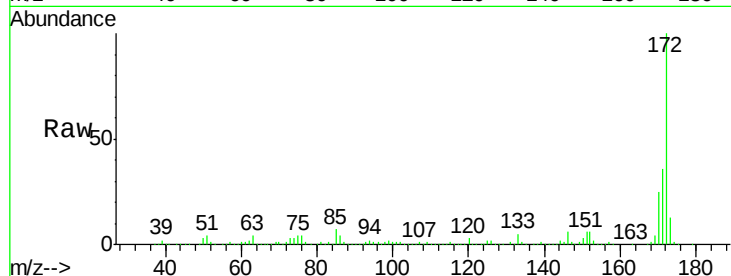




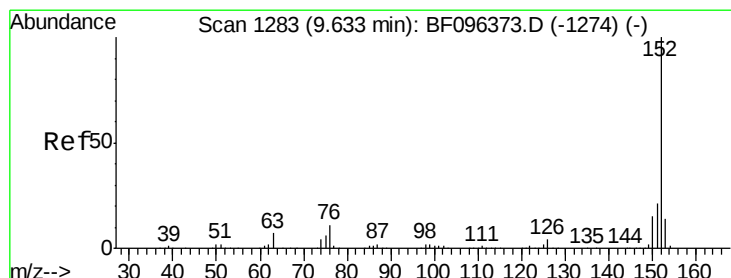
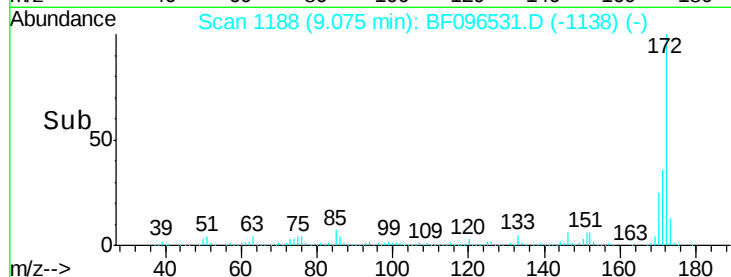
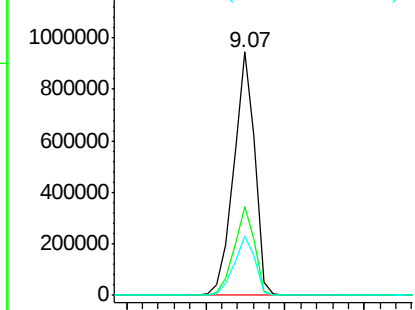
#44
 2-Fluorobiphenyl
 Concen: 77.648 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

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

Tgt Ion:172 Resp: 865650
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 19.8 29.8

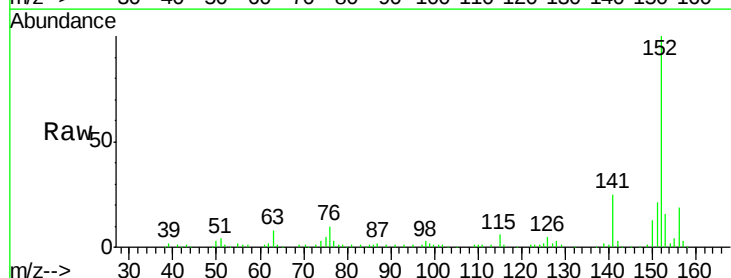


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

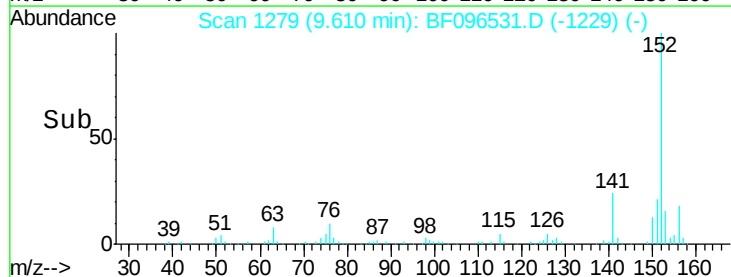
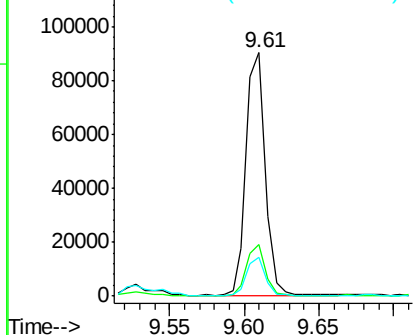


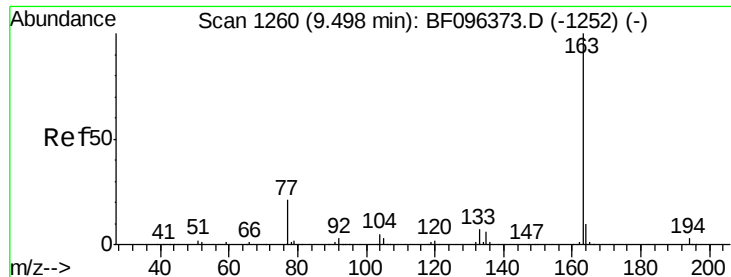
#48
 Acenaphthylene
 Concen: 4.272 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

Tgt Ion:152 Resp: 82389
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 15.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

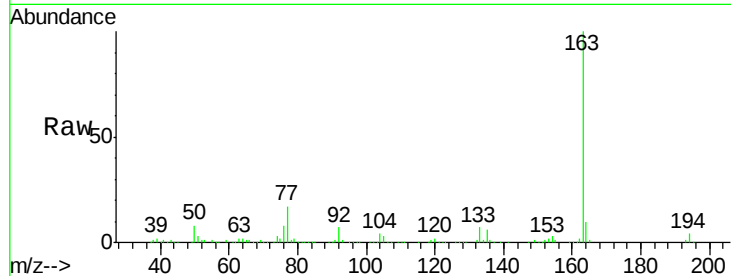




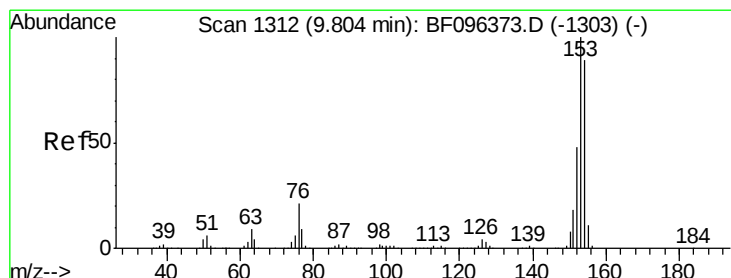
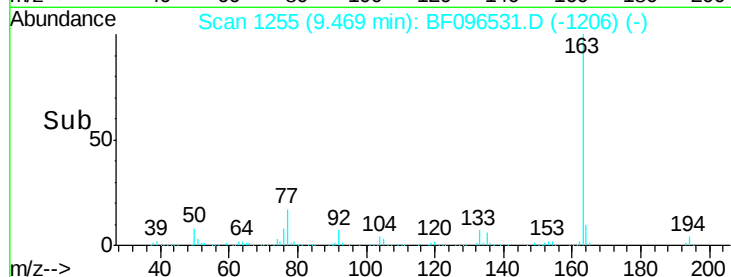
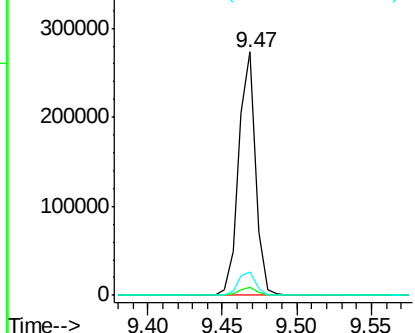
#49
 Dimethylphthalate
 Concen: 15.326 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

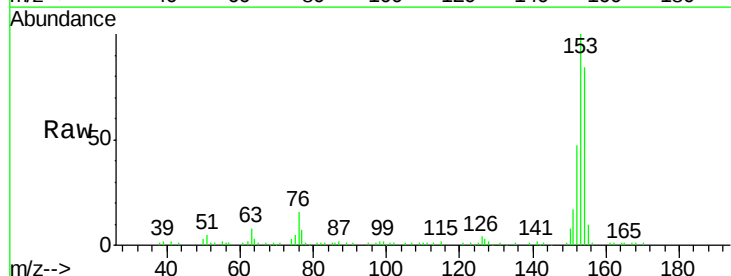


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

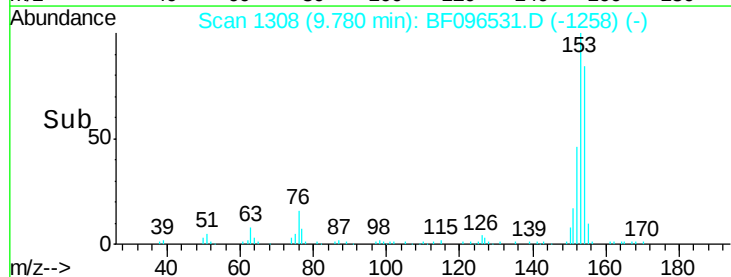
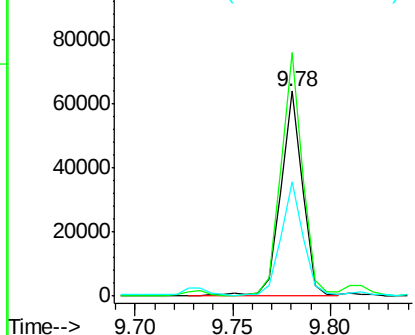


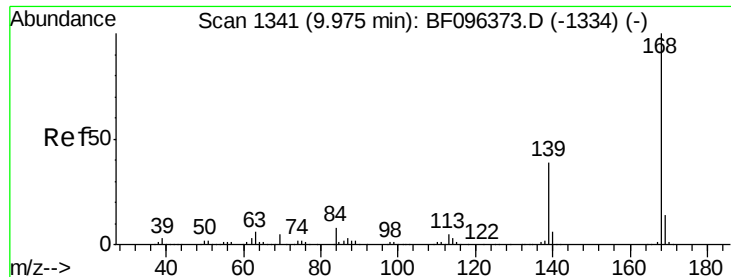
#51
 Acenaphthene
 Concen: 4.165 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.8	90.5	135.7
152	55.6	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

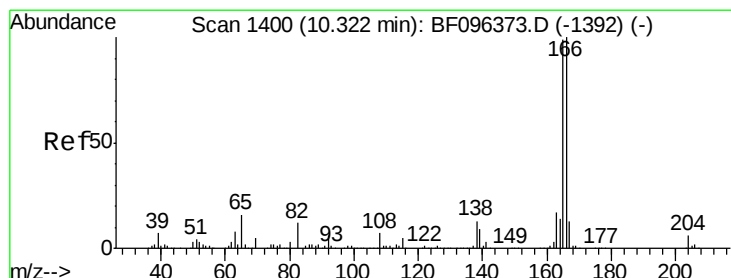
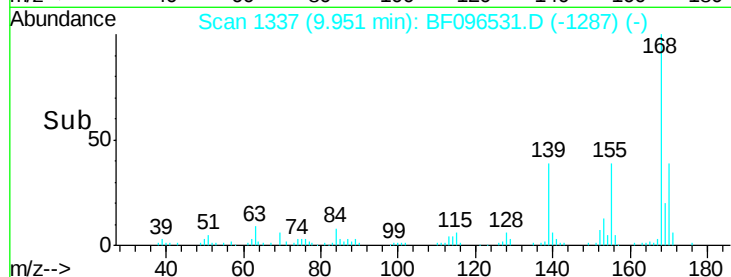
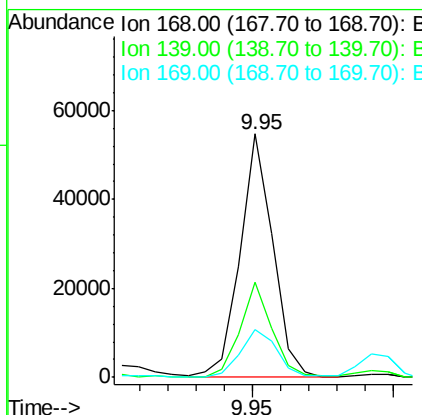
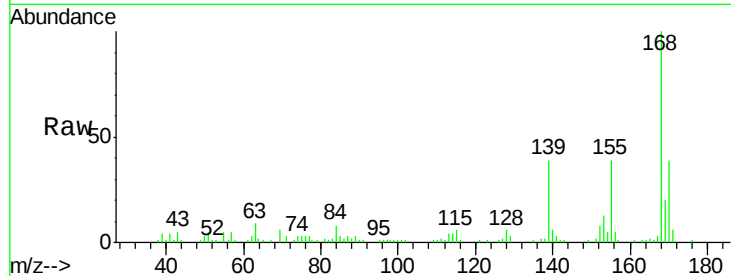




#54
Dibenzenofuran
Concen: 2.817 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

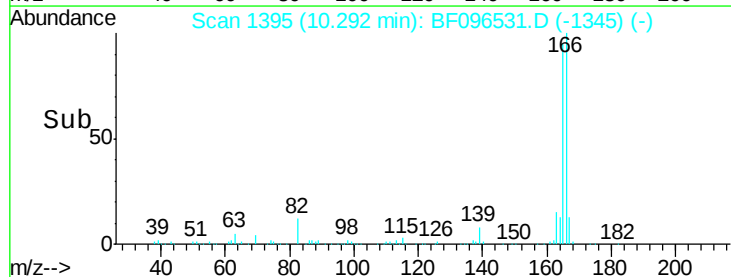
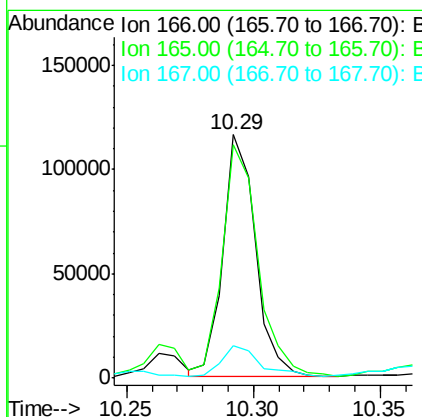
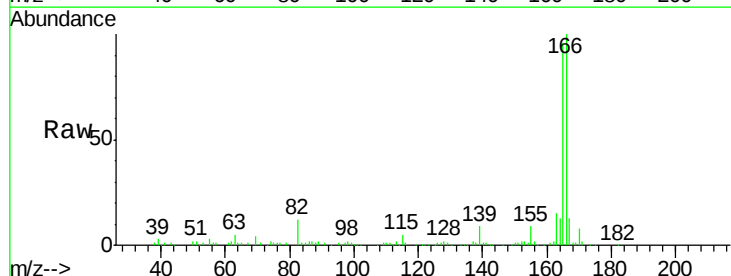
Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

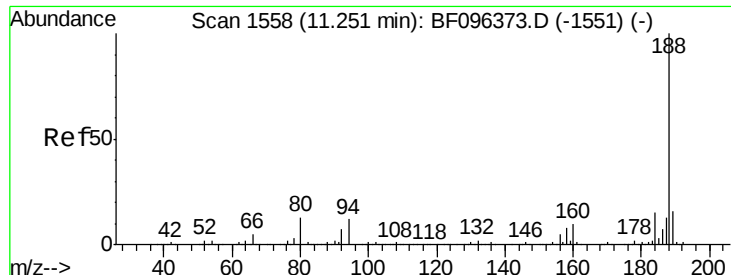
Tgt Ion:168 Resp: 44221
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 19.7 10.8 16.2#



#57
Fluorene
Concen: 9.393 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion:166 Resp: 104118
Ion Ratio Lower Upper
166 100
165 95.6 78.8 118.2
167 13.5 10.6 16.0

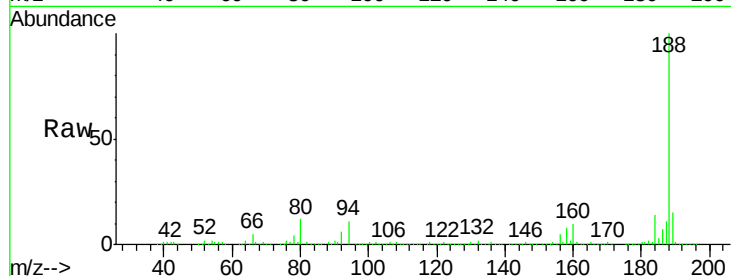




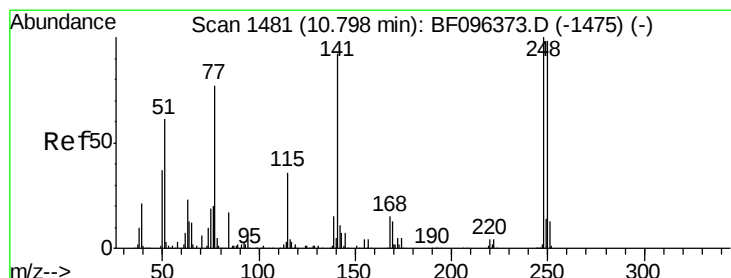
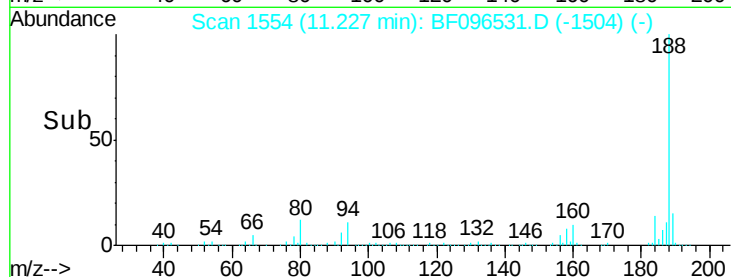
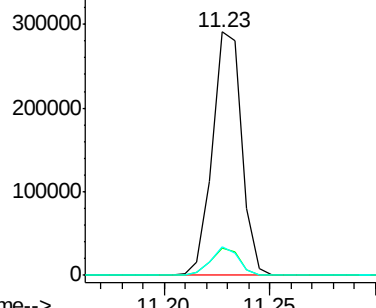
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

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

Tgt Ion:188 Resp: 279119
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.7 10.2 15.2

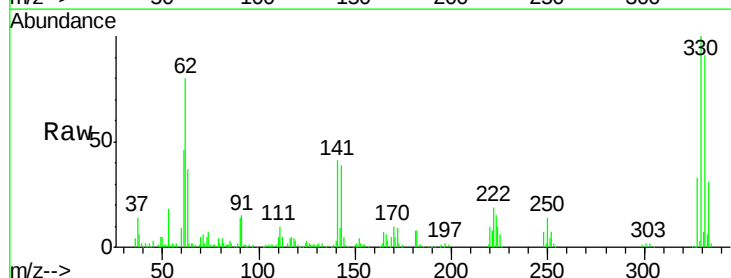


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

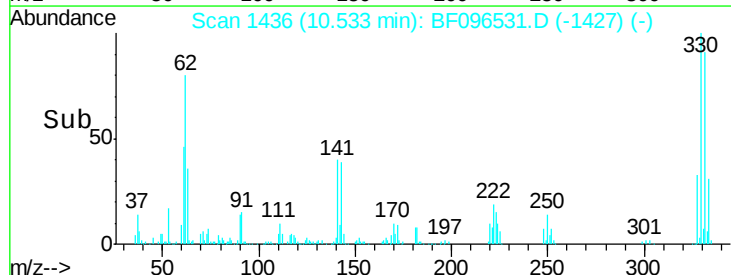
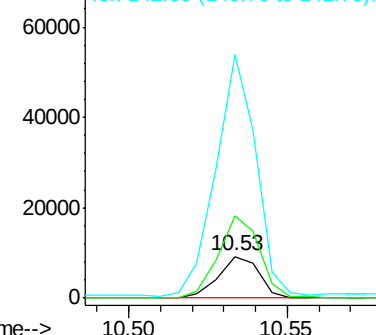


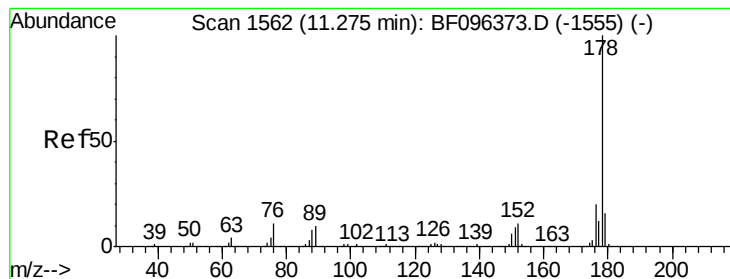
#66
 4-Bromophenyl-phenylether
 Concen: 3.034 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

Tgt Ion:248 Resp: 8243
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.8 115.2#
 141 579.6 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





#70

Phenanthrene

Concen: 29.139 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

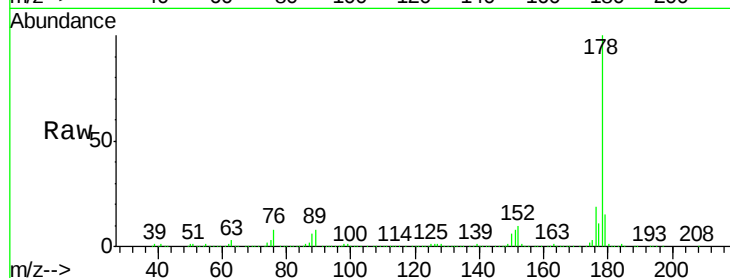
Tgt Ion:178 Resp: 439660

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

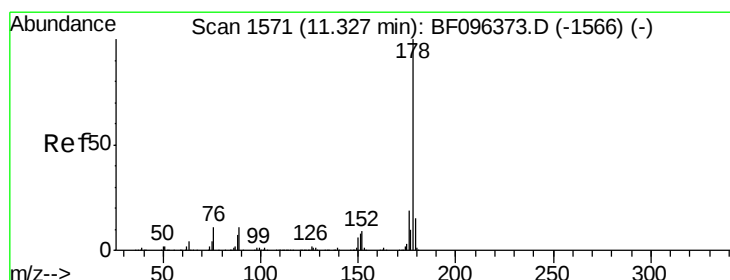
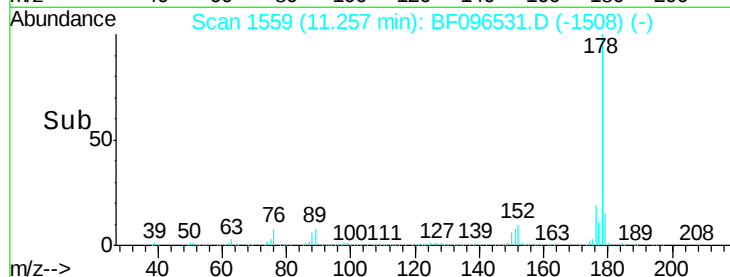
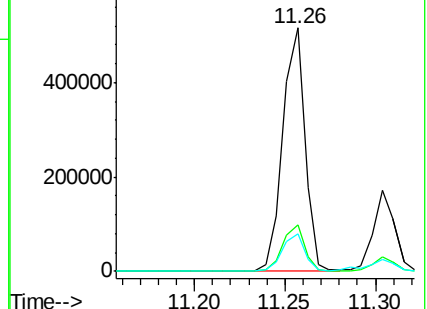
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 8.961 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

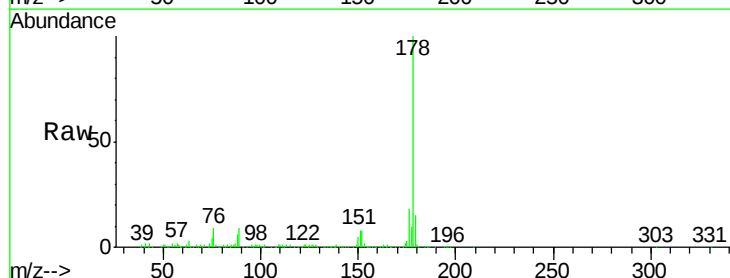
Tgt Ion:178 Resp: 137780

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

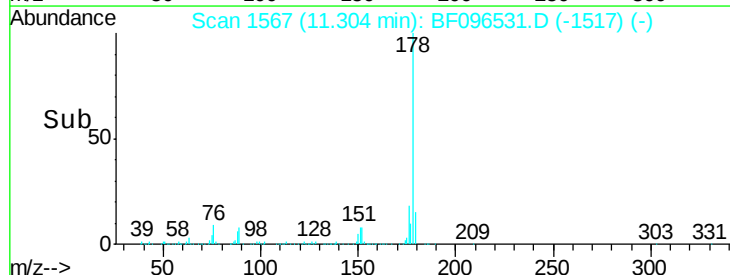
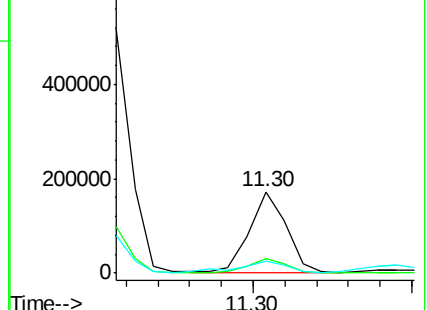
179 15.3 12.7 19.1

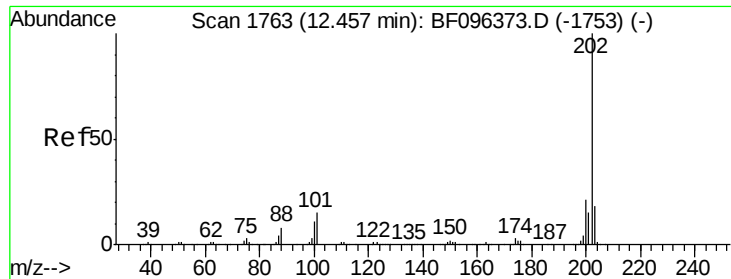


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

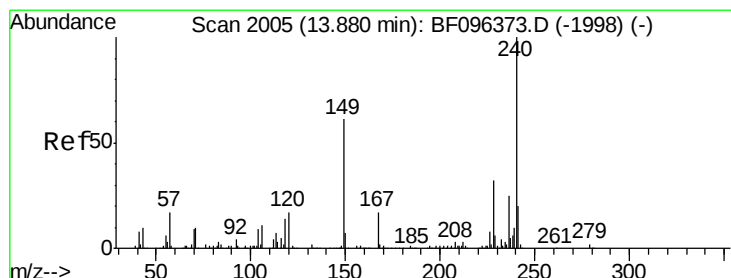
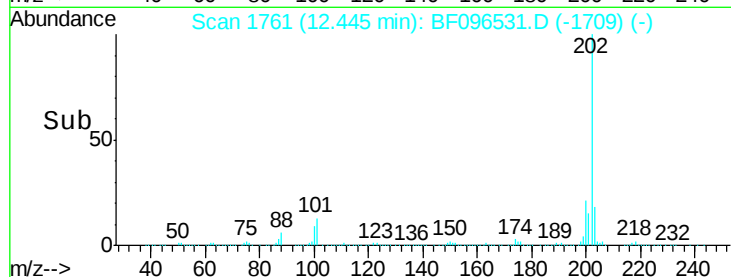
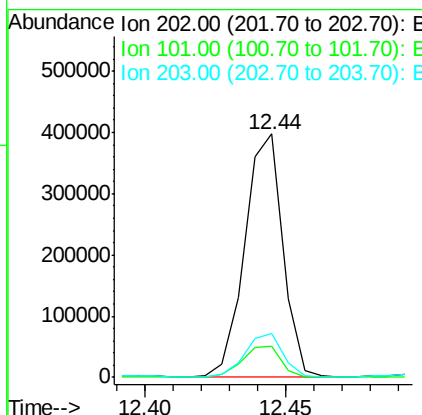
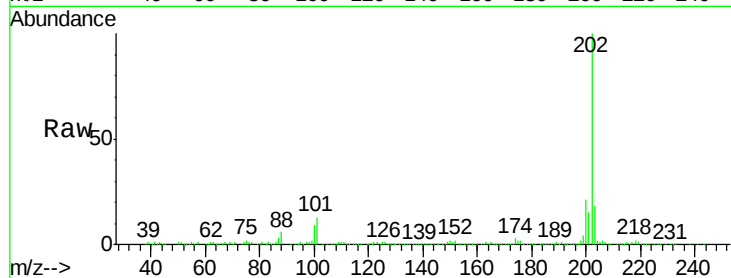




#74
Fluoranthene
Concen: 25.038 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

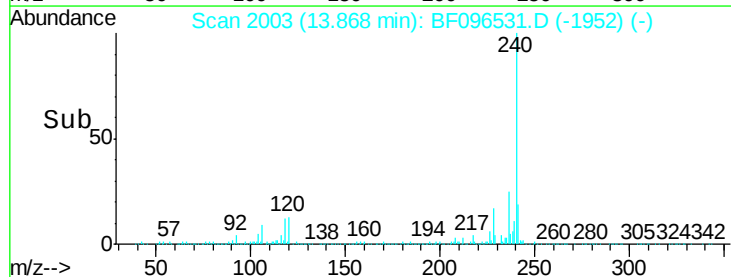
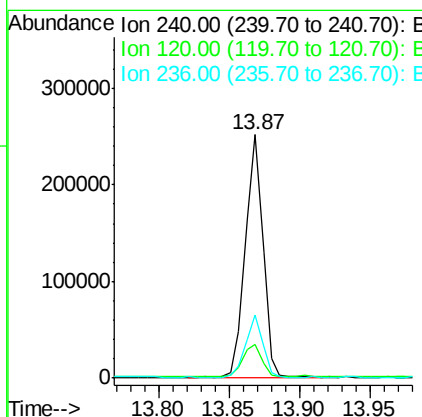
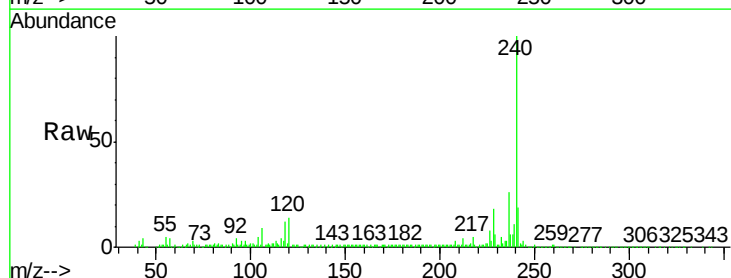
Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

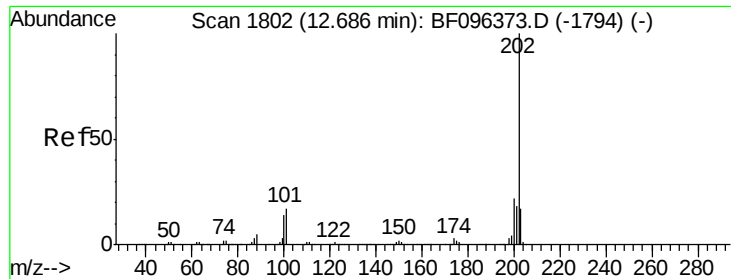
Tgt Ion: 202 Resp: 370398
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 18.2 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion: 240 Resp: 222723
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.8 20.5 30.7





#77

Pyrene

Concen: 23.660 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

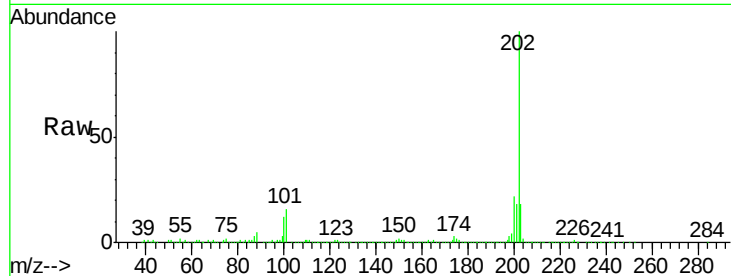
Tgt Ion:202 Resp: 422981

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

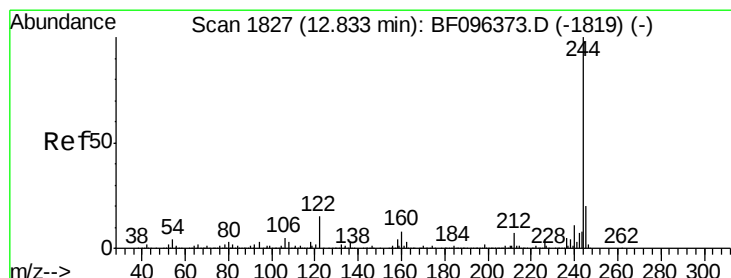
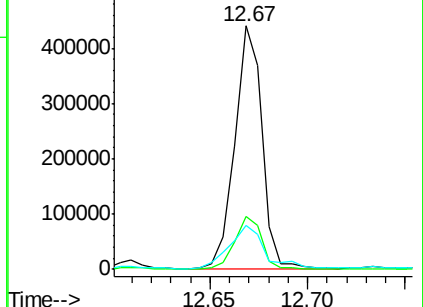
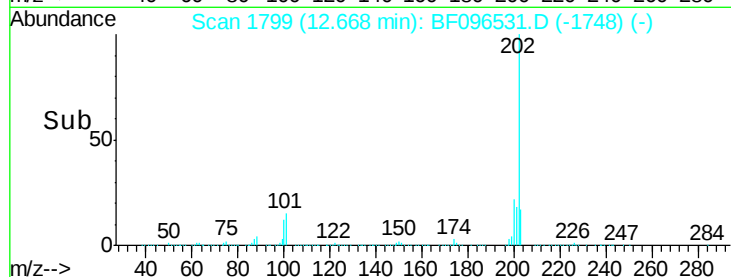
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 50.772 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

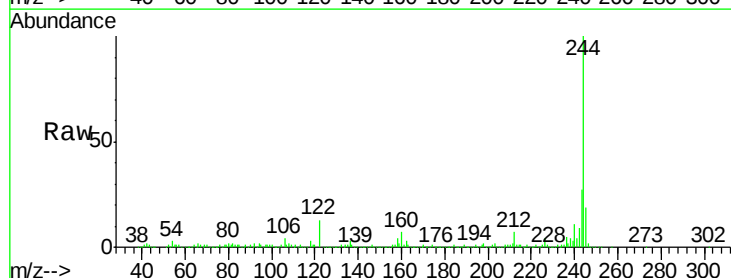
Tgt Ion:244 Resp: 529201

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

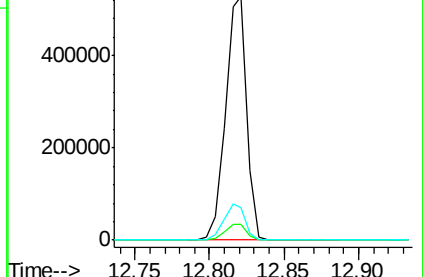
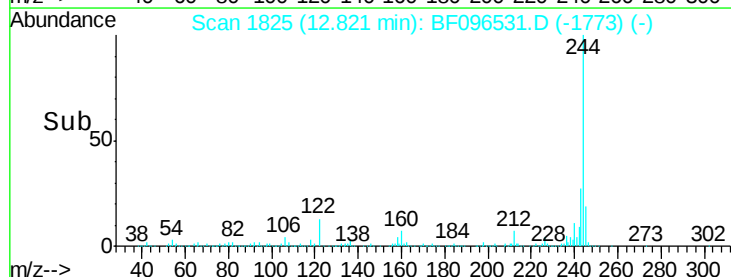
122 13.4 10.3 15.5

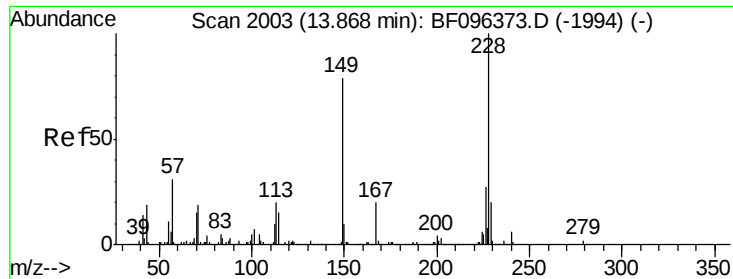


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

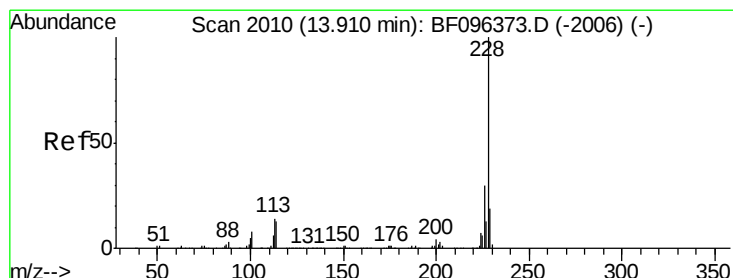
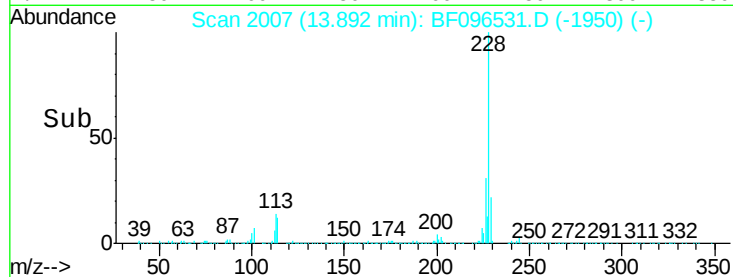
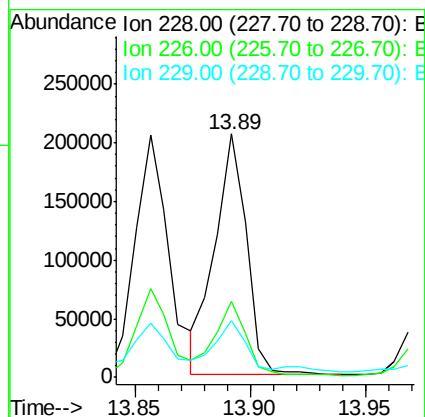
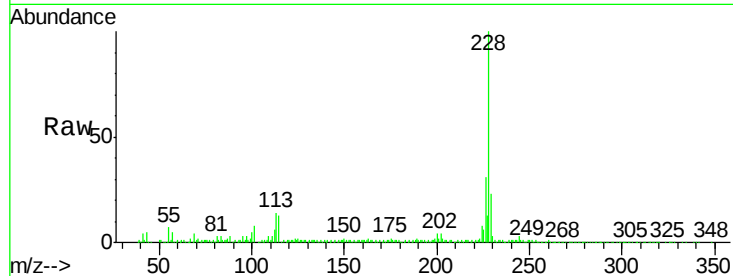




#80
Benzo(a)anthracene
Concen: 15.140 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.04 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

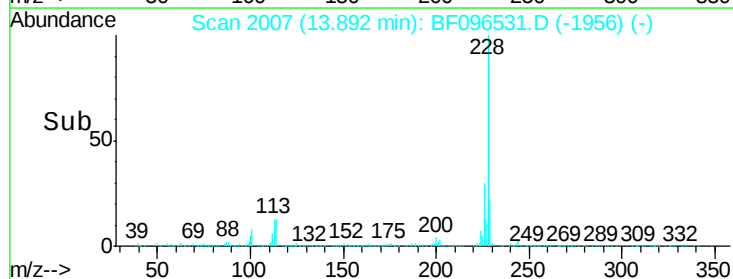
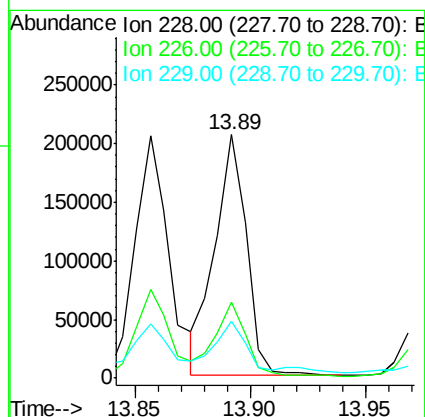
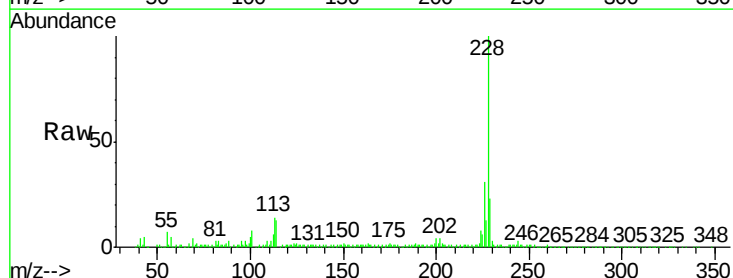
Instrument :
BNA_F
ClientSampleId :
CL-02-070317-D

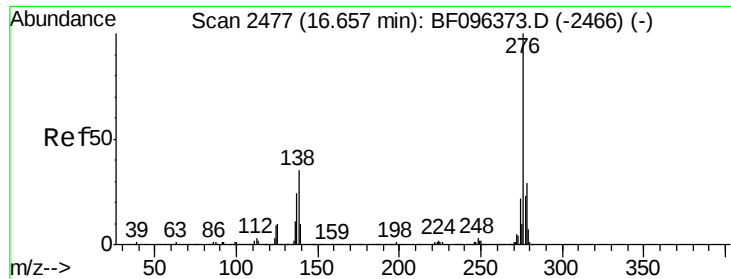
Tgt Ion: 228 Resp: 195273
Ion Ratio Lower Upper
228 100
226 31.1 22.6 33.8
229 23.2 16.3 24.5



#82
Chrysene
Concen: 14.458 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF096531.D
Acq: 6 Jul 2017 14:20

Tgt Ion: 228 Resp: 195273
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 23.2 15.8 23.6

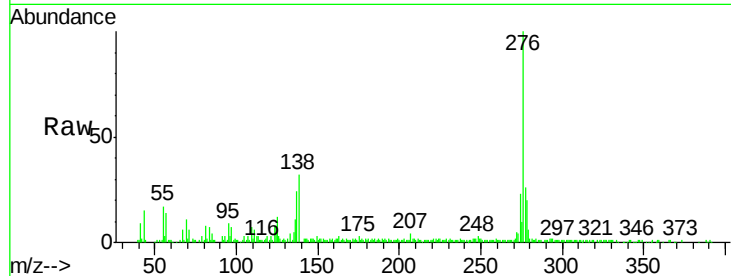




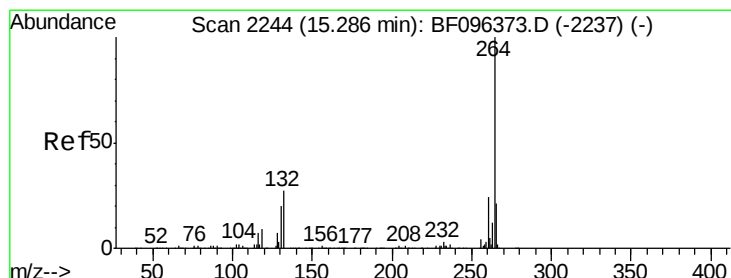
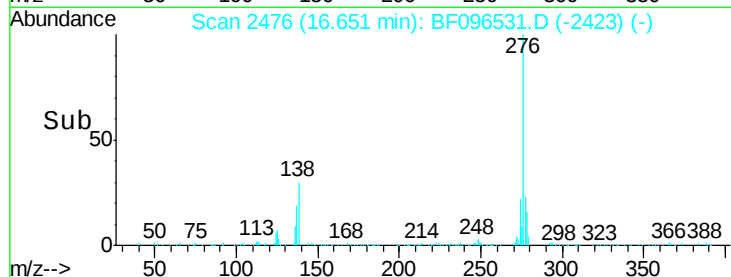
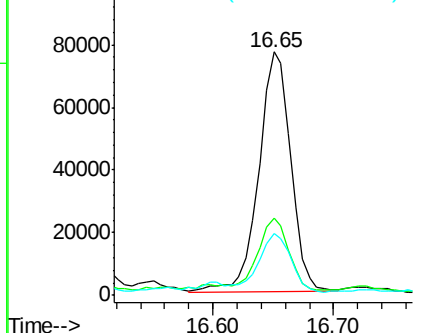
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.215 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. 0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	24.4	20.2	30.4

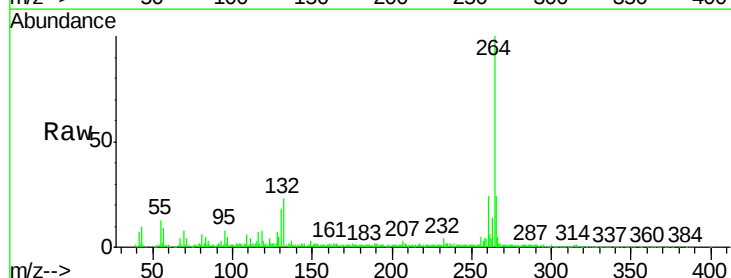


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

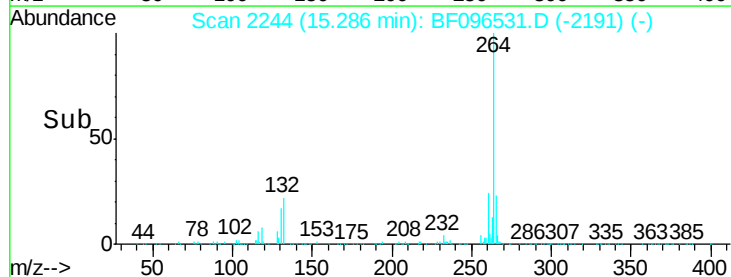
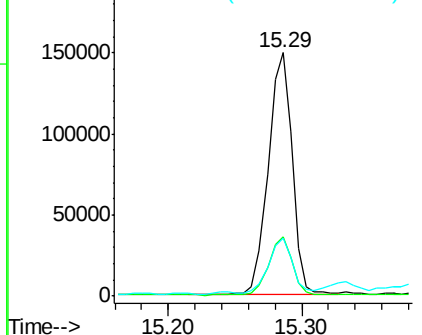


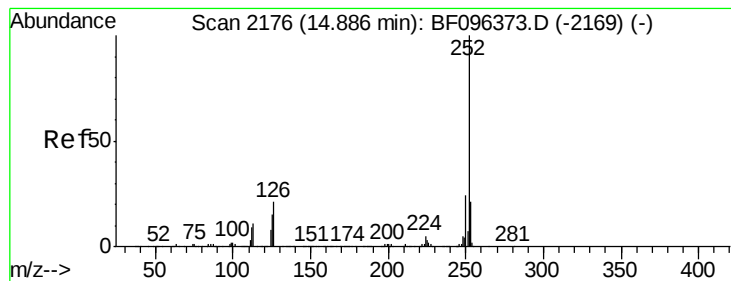
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF096531.D
 Acq: 6 Jul 2017 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.8	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 31.330 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

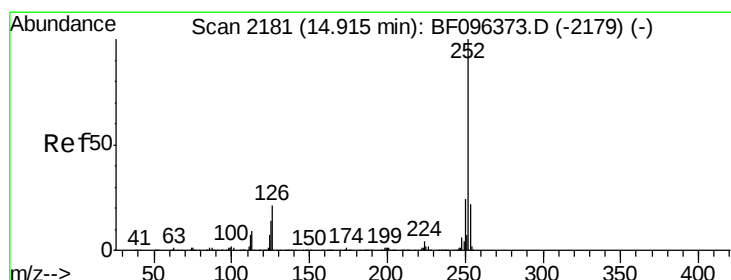
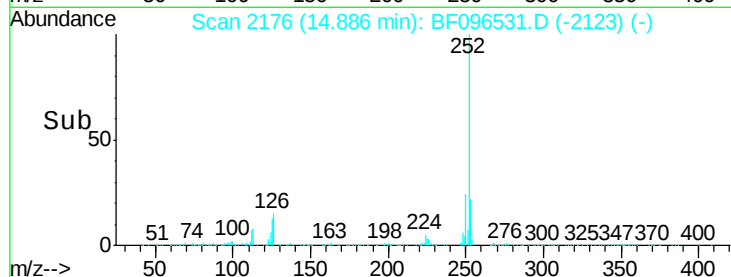
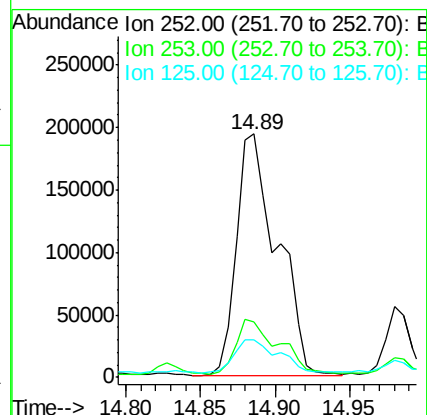
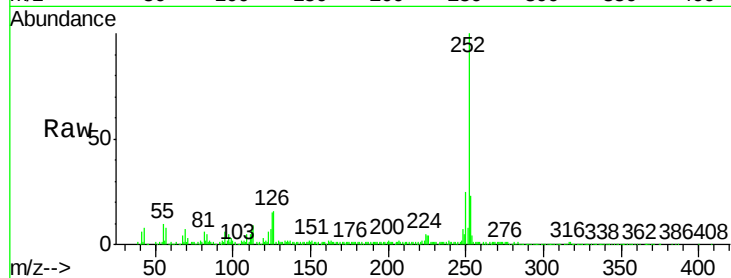
Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

Tgt Ion:	252	Resp:	368342
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	15.4	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 35.025 ng

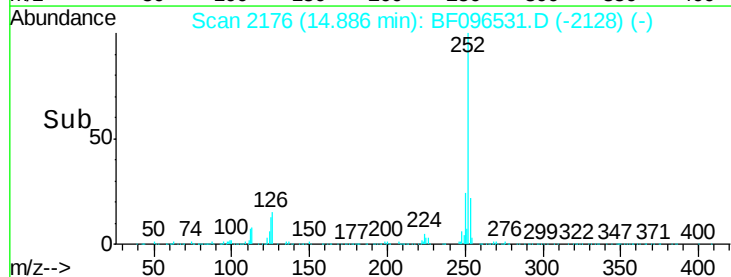
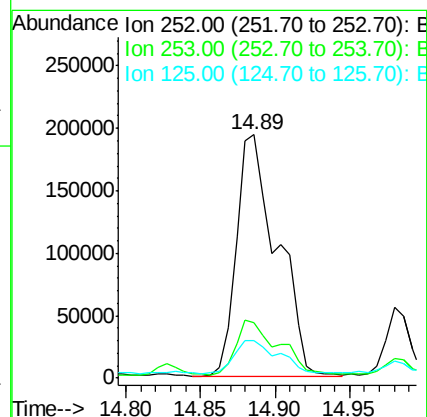
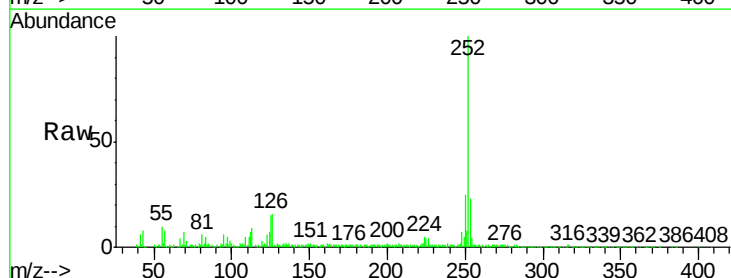
RT: 14.89 min Scan# 2176

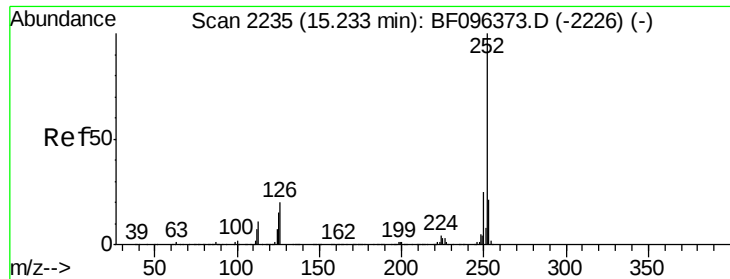
Delta R.T. -0.02 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Tgt Ion:	252	Resp:	368342
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.4	27.6
125	15.4	13.1	19.7





#89

Benzo(a)pyrene

Concen: 21.994 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

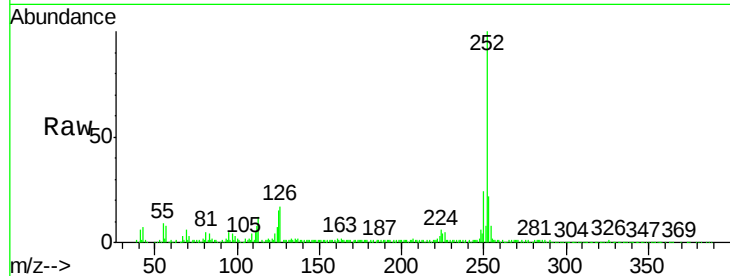
Tgt Ion:252 Resp: 230862

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

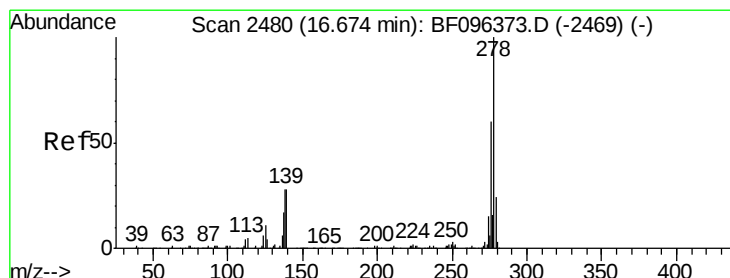
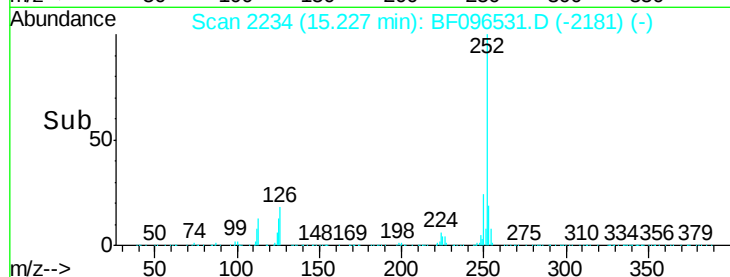
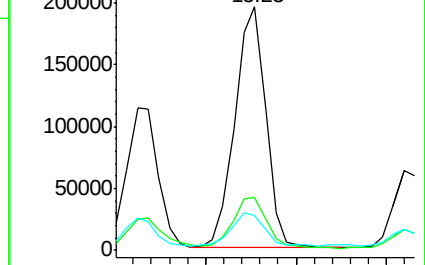
125 14.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.274 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

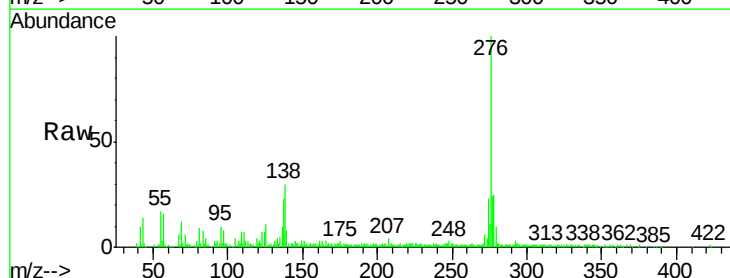
Tgt Ion:278 Resp: 35291

Ion Ratio Lower Upper

278 100

139 33.2 16.6 24.8#

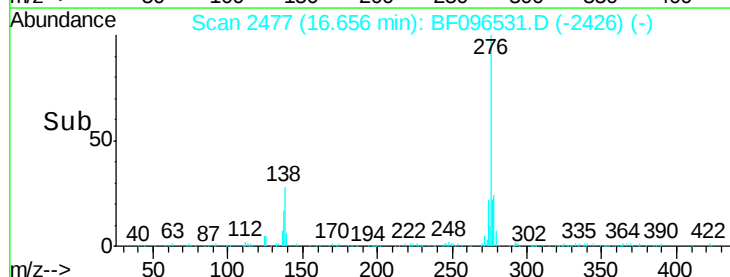
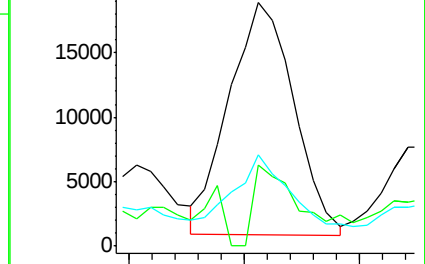
279 37.4 19.3 28.9#

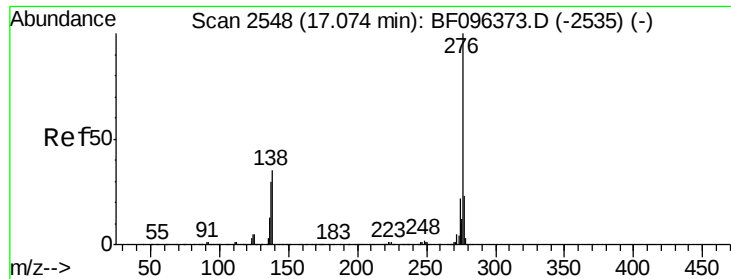


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 15.529 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF096531.D

Acq: 6 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

CL-02-070317-D

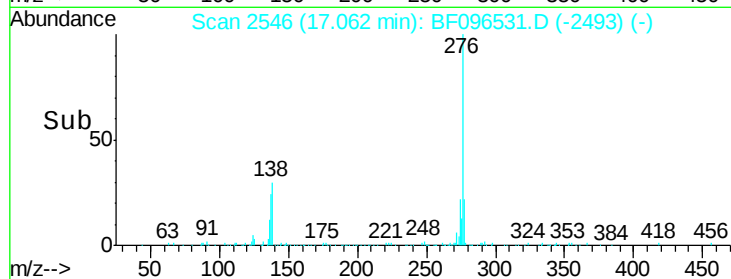
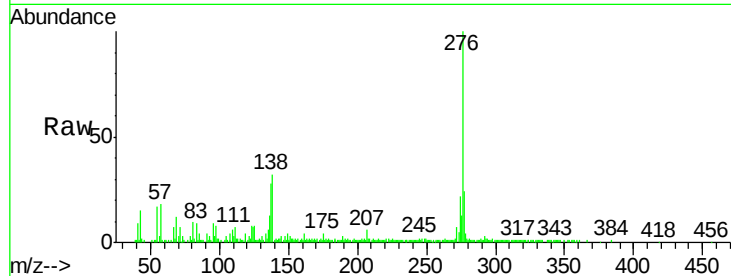
Tgt Ion: 276 Resp: 132879

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 32.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

