

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097916.D
 Acq On : 21 Aug 2017 20:19
 Operator : SJ/JU
 Sample : I4875-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-D

Quant Time: Aug 22 04:01:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111256	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	425171	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	167139	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	273939	20.00	ng	0.00
75) Chrysene-d12	13.90	240	224793	20.00	ng	0.00
86) Perylene-d12	15.32	264	159913	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	586382	80.17	ng	0.00
7) Phenol-d6	6.38	99	792913	79.79	ng	0.00
23) Nitrobenzene-d5	7.31	82	467674	59.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	106781	73.63	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	674466	59.29	ng	0.00
78) Terphenyl-d14	12.85	244	476188	44.17	ng	0.00

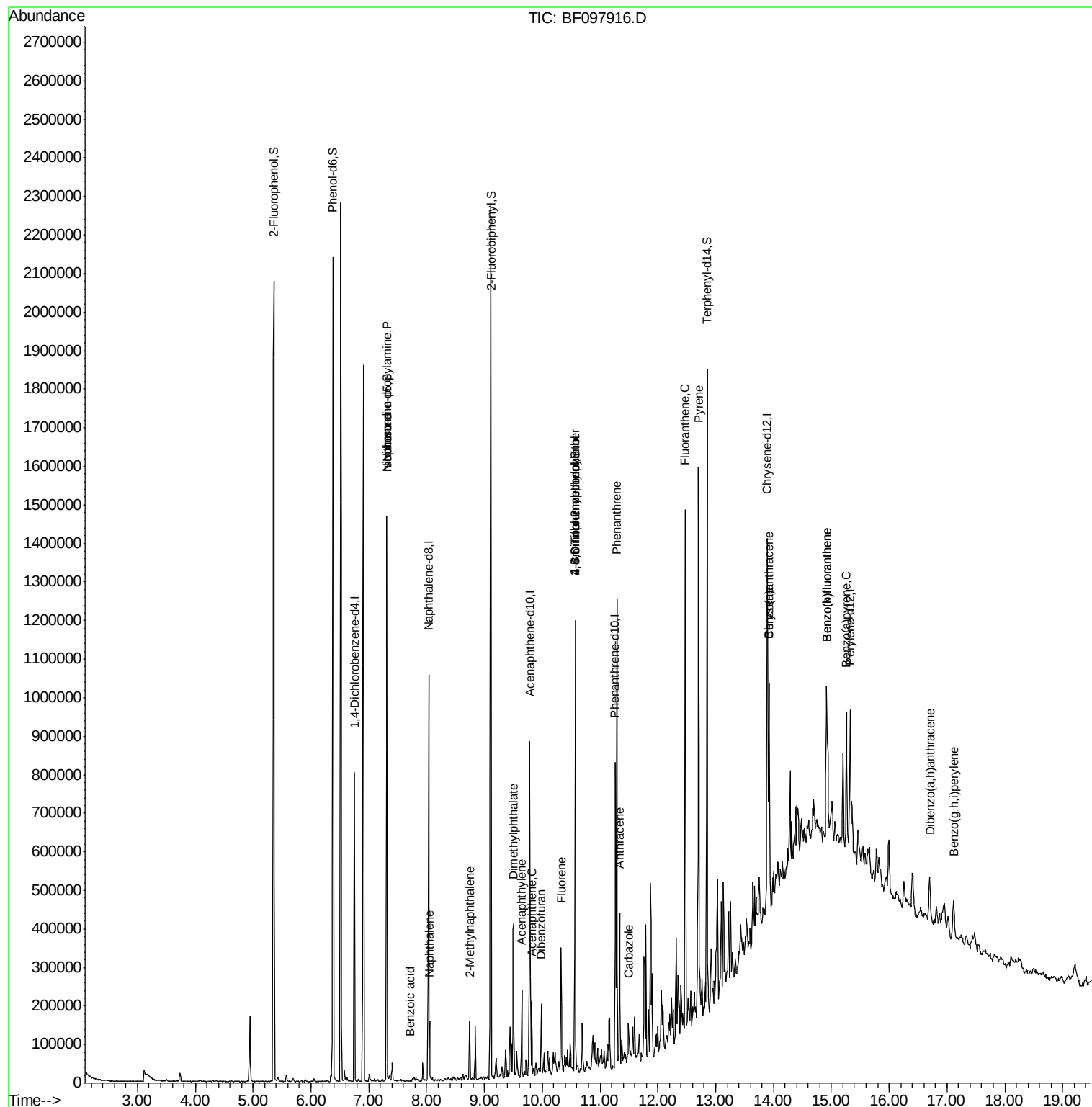
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	65222	9.59	ng	# 72
25) Isophorone	7.31	82	459590	28.24	ng	# 67
31) Naphthalene	8.05	128	51595	2.34	ng	99
32) Benzoic acid	7.73	122	387	6.47	ng	# 86
37) 2-Methylnaphthalene	8.75	142	38365	2.84	ng	96
48) Acenaphthylene	9.65	152	81722	4.62	ng	99
49) Dimethylphthalate	9.50	163	130569	10.69	ng	98
51) Acenaphthene	9.82	154	31948	2.86	ng	96
54) Dibenzofuran	9.99	168	41150	2.75	ng	# 95
57) Fluorene	10.33	166	74120	6.41	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	116	8.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	7514	2.64	ng	# 1
70) Phenanthrene	11.29	178	441435	30.24	ng	98
71) Anthracene	11.34	178	127261	8.60	ng	99
72) Carbazole	11.49	167	33079	2.35	ng	98
74) Fluoranthene	12.47	202	489002	32.09	ng	99
77) Pyrene	12.70	202	565843	30.78	ng	98
80) Benzo(a)anthracene	13.92	228	240670	17.86	ng	93
82) Chrysene	13.92	228	240670	17.96	ng	96
87) Benzo(b)fluoranthene	14.92	252	284412	28.22	ng	95
88) Benzo(k)fluoranthene	14.92	252	284412	30.03	ng	96
89) Benzo(a)pyrene	15.26	252	168288	18.86	ng	98
90) Dibenz(a,h)anthracene	16.71	278	19862	2.73	ng	# 80
91) Benzo(g,h,i)perylene	17.12	276	83893	11.07	ng	95

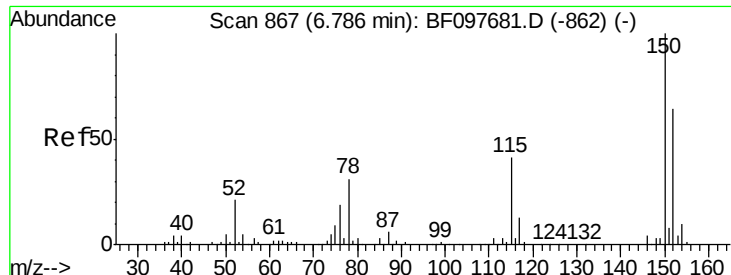
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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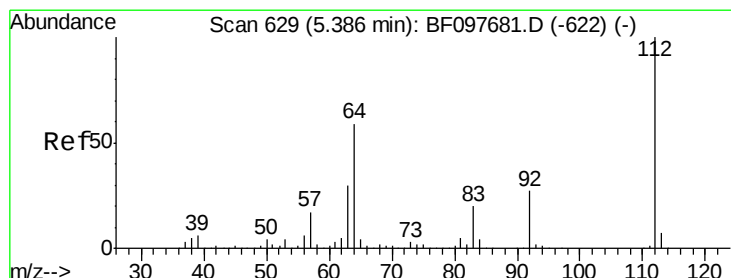
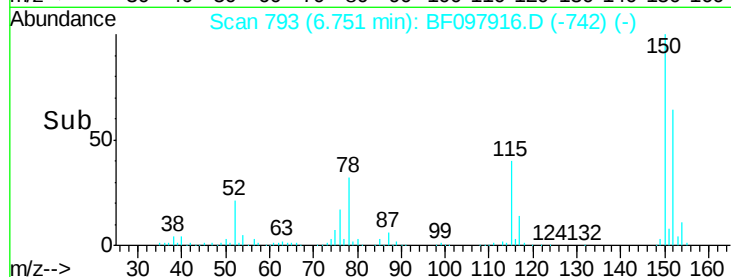
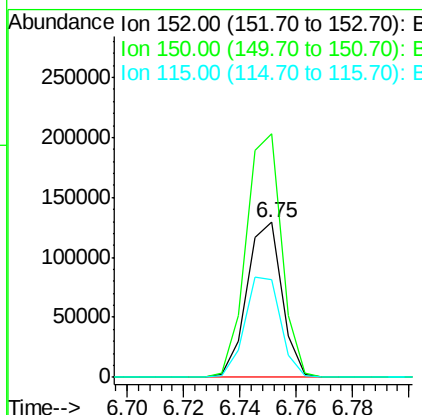
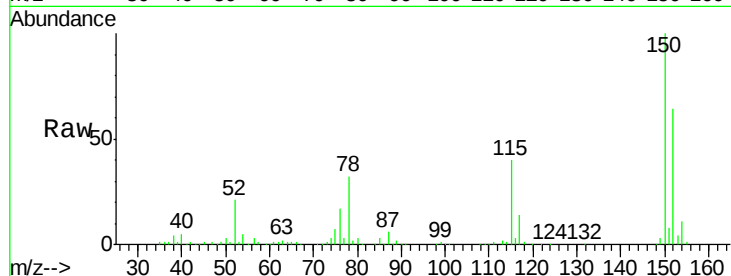




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

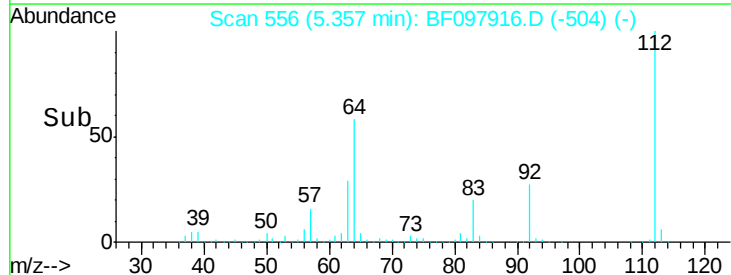
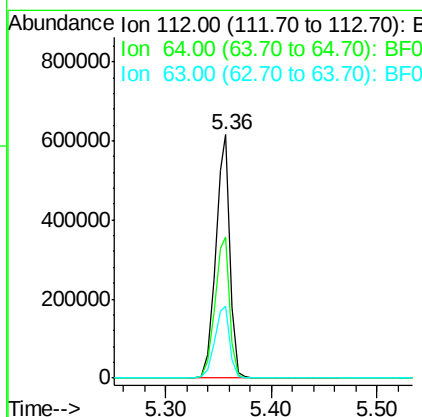
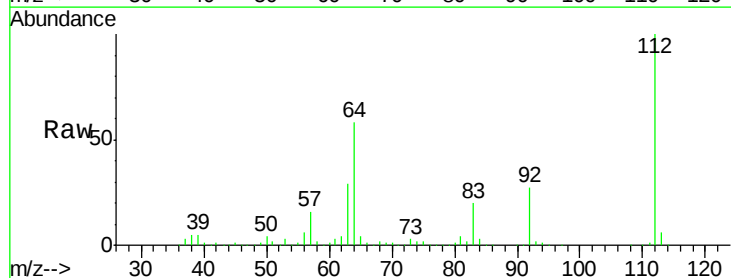
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-D

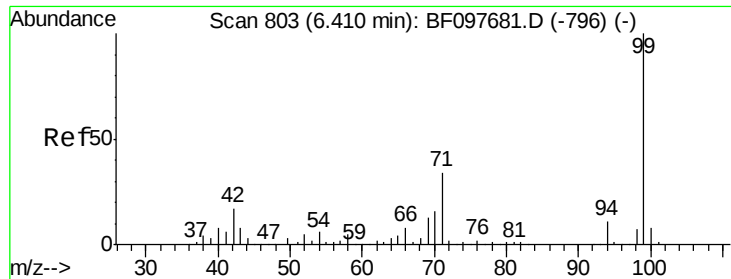
Tot Ion:152 Resp: 111256
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 63.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 80.17 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Tgt Ion:112 Resp: 586382
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.0 69.0
 63 29.5 23.4 35.0





#7

Phenol-d6

Concen: 79.79 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Instrument :

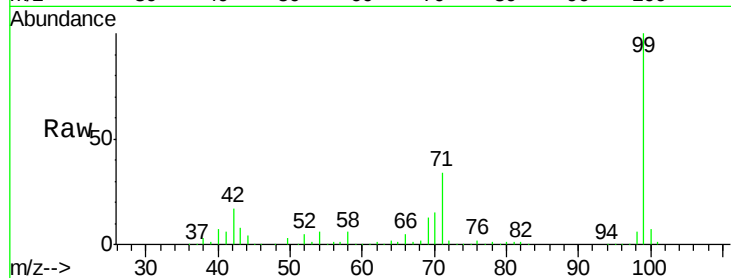
BNA_F

ClientSampleId :

CL-02-081717-D

Tot Ion: 99 Resp: 792913

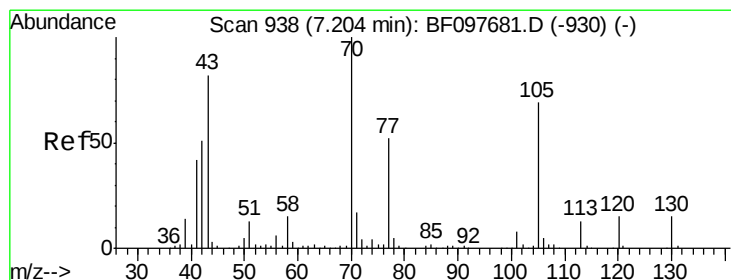
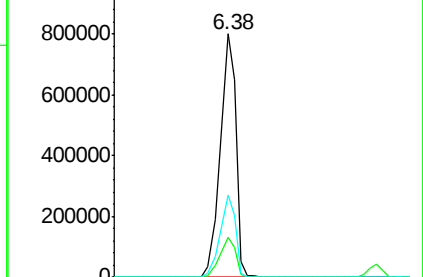
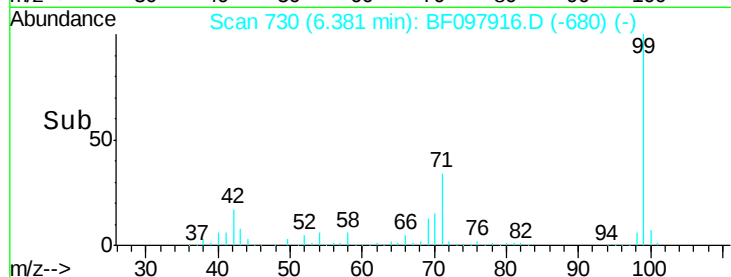
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	34.0	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.59 ng

RT: 7.31 min Scan# 888

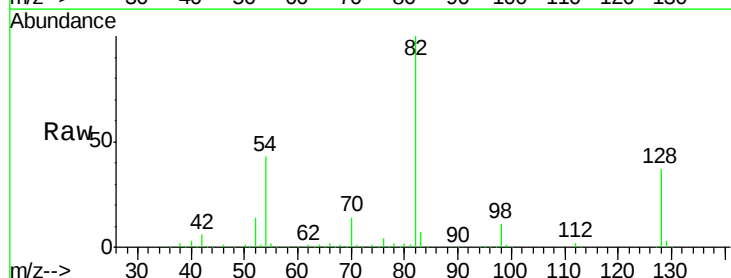
Delta R.T. 0.14 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Tgt Ion: 70 Resp: 65222

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

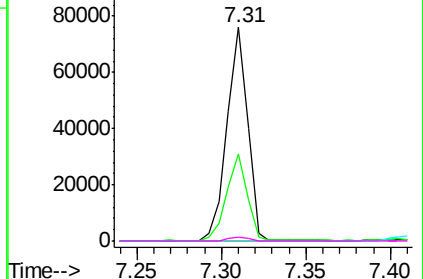
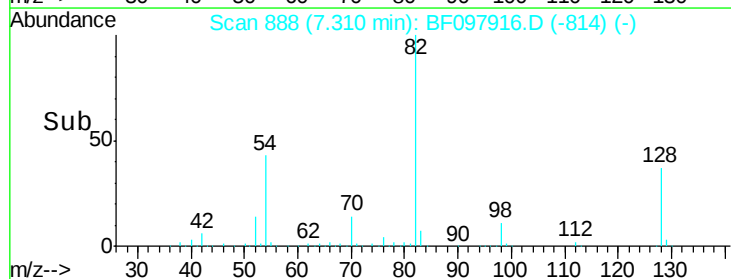


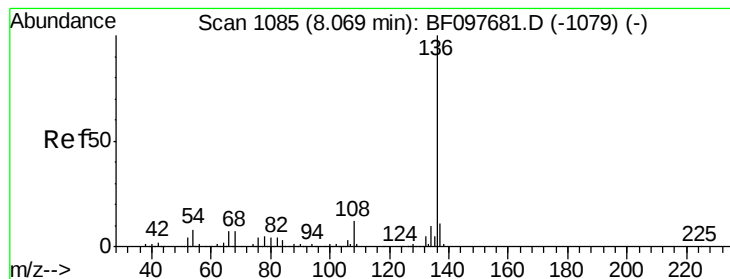
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Instrument :

BNA_F

ClientSampleId :

CL-02-081717-D

Tot Ion:136 Resp: 425171

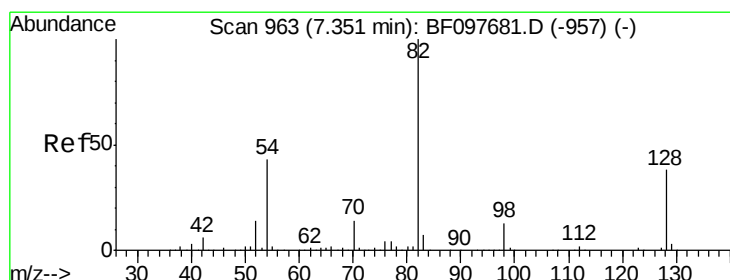
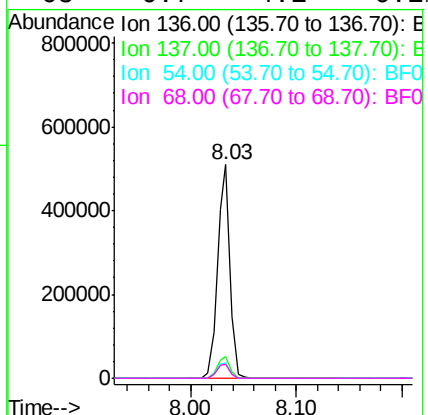
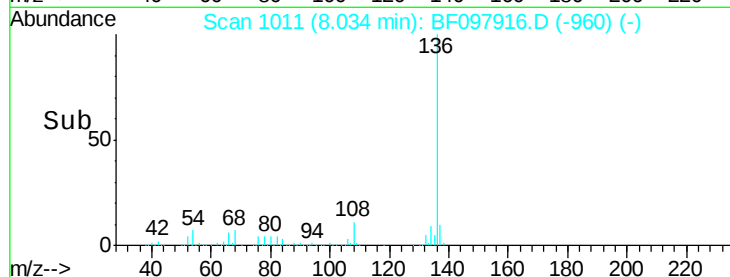
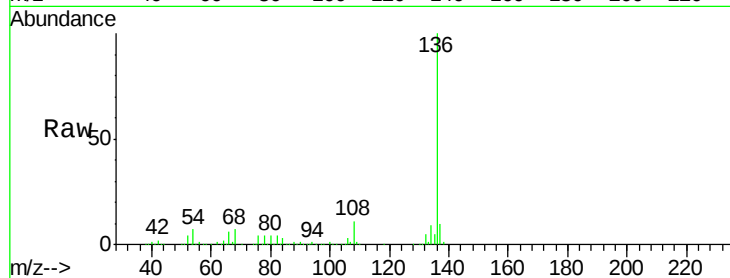
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 4.9 7.3

68 6.7 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 59.76 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

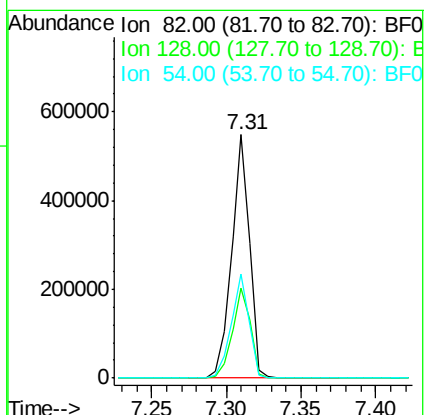
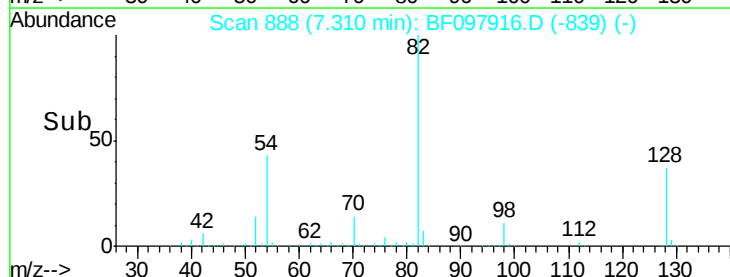
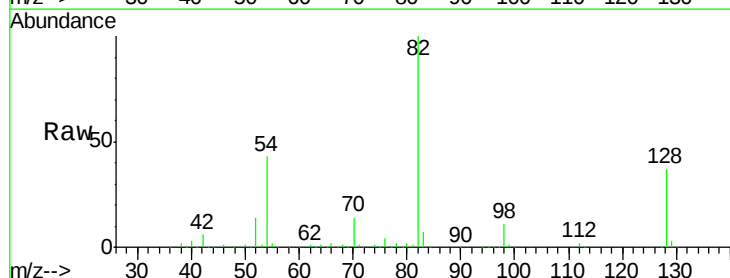
Tgt Ion: 82 Resp: 467674

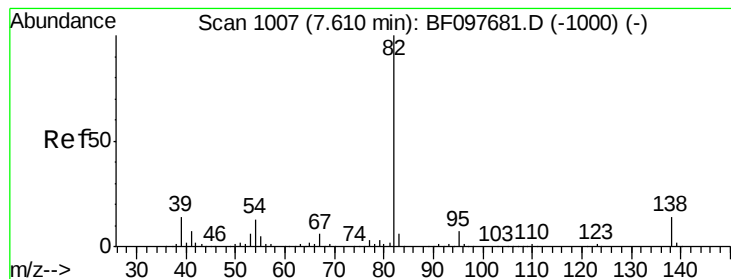
Ion Ratio Lower Upper

82 100

128 37.0 34.0 51.0

54 42.6 42.2 63.2





#25

Isophorone

Concen: 28.24 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Instrument :

BNA_F

ClientSampleId :

CL-02-081717-D

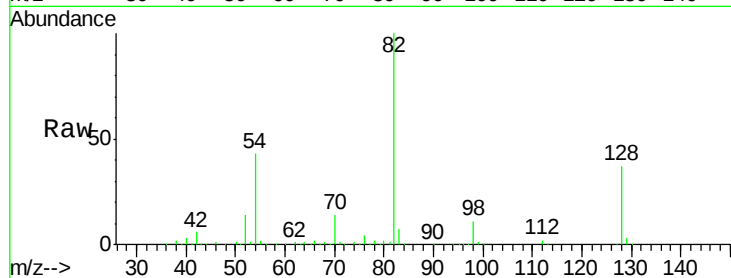
Tot Ion: 82 Resp: 459590

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

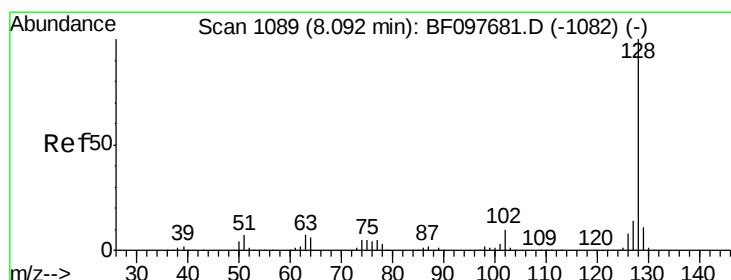
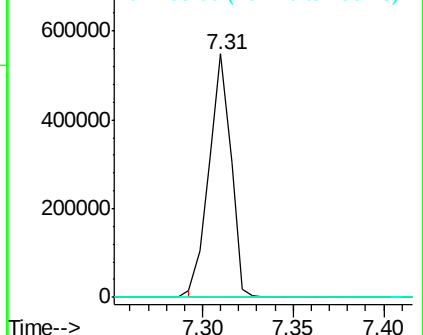
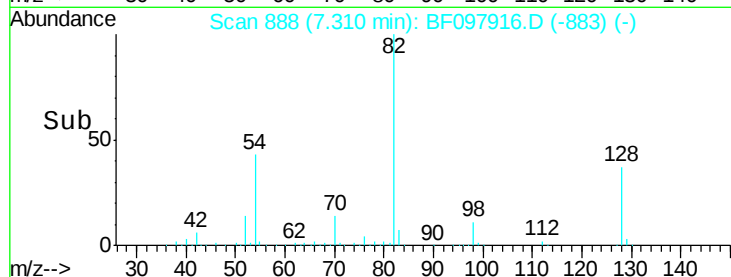
138 0.0 13.1 19.7#



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: 2.34 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

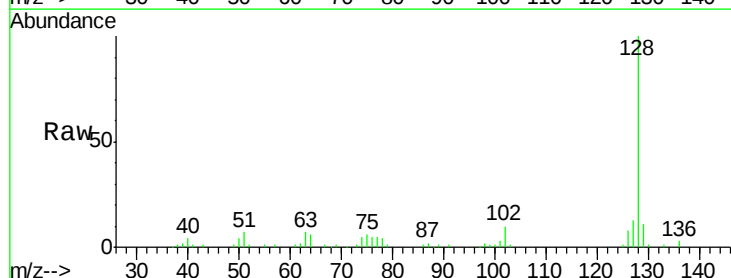
Tgt Ion: 128 Resp: 51595

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

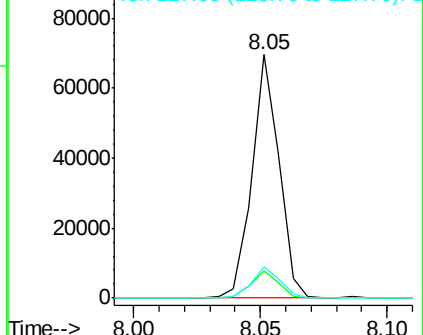
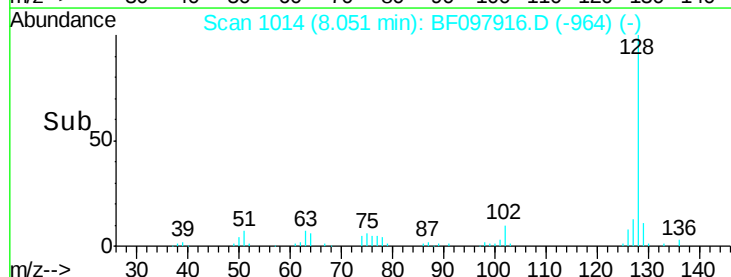
127 12.6 10.8 16.2

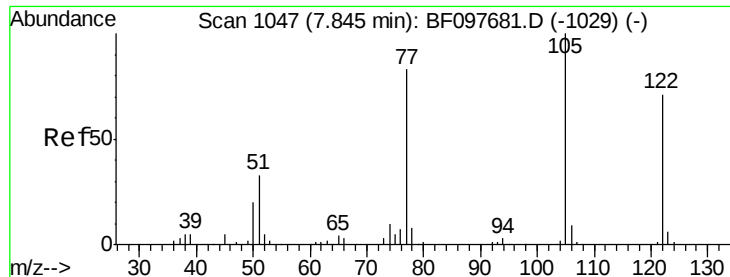


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

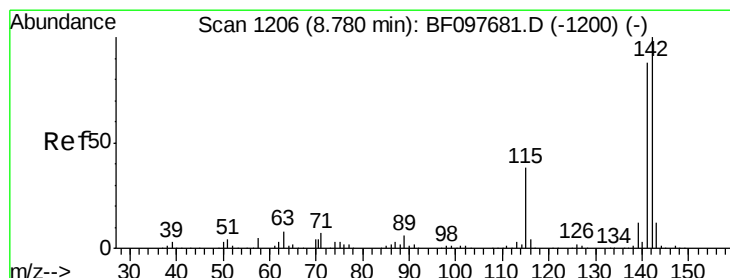
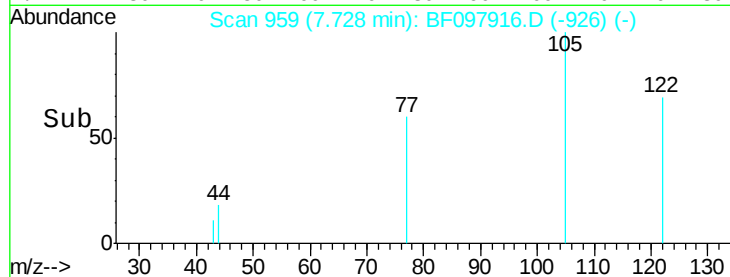
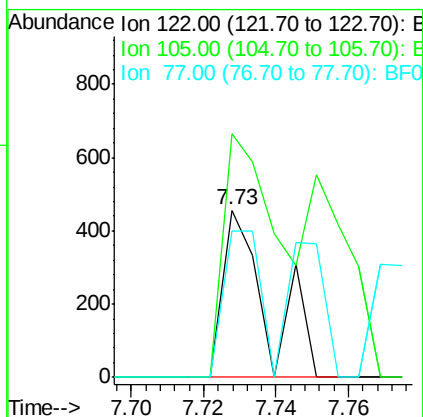
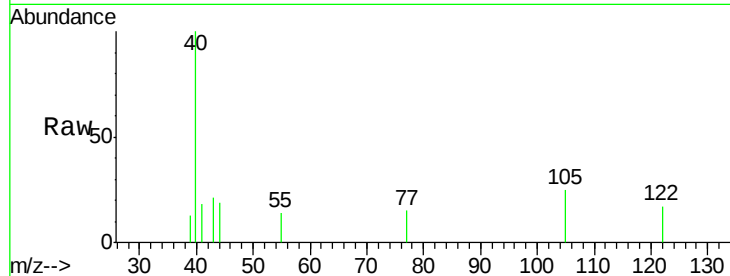




#32
Benzoic acid
Concen: 6.47 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.11 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

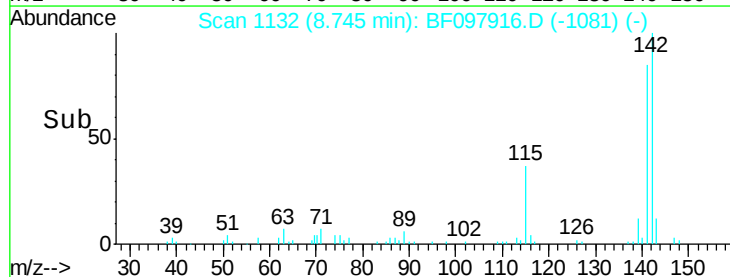
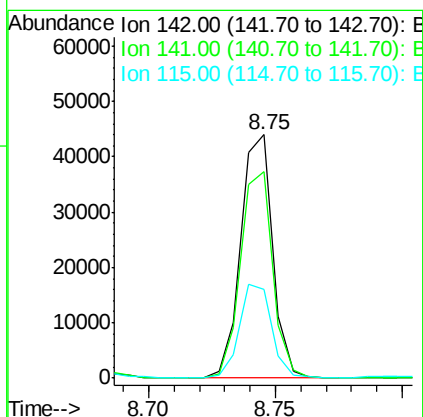
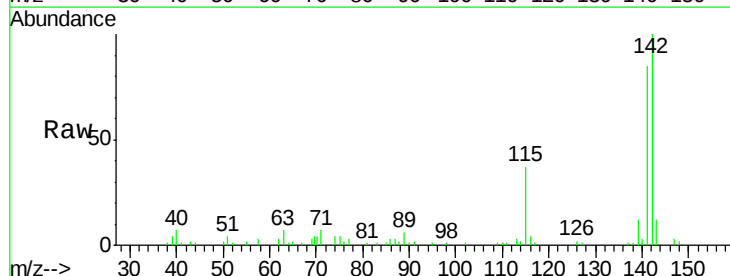
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CL-02-081717-D

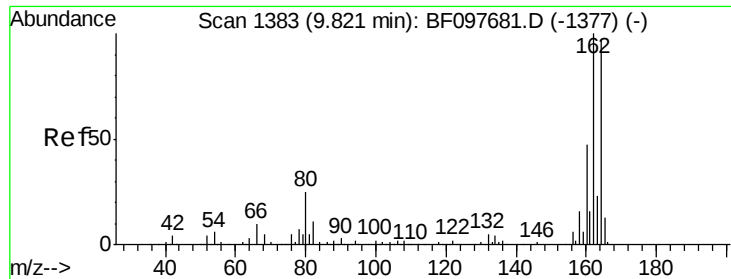
Tot Ion:122 Resp: 387
Ion Ratio Lower Upper
122 100
105 145.5 103.3 143.3#
77 87.3 73.7 113.7



#37
2-Methylnaphthalene
Concen: 2.84 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Tgt Ion:142 Resp: 38365
Ion Ratio Lower Upper
142 100
141 85.1 71.3 106.9
115 36.6 27.1 40.7

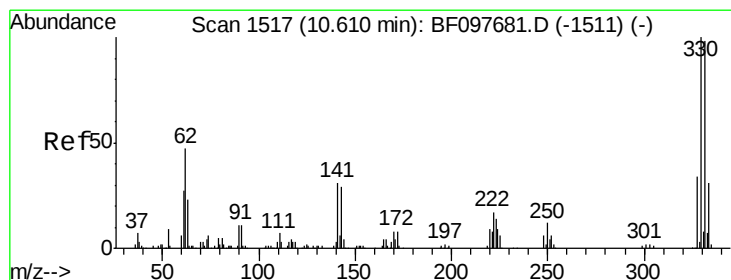
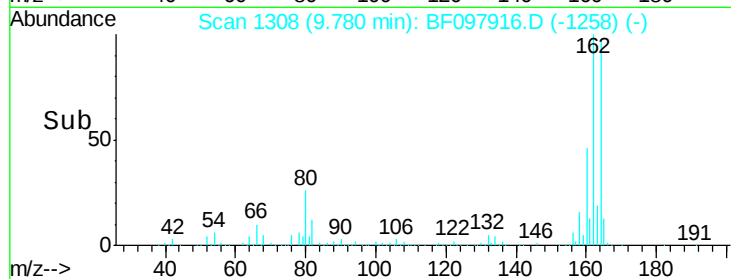
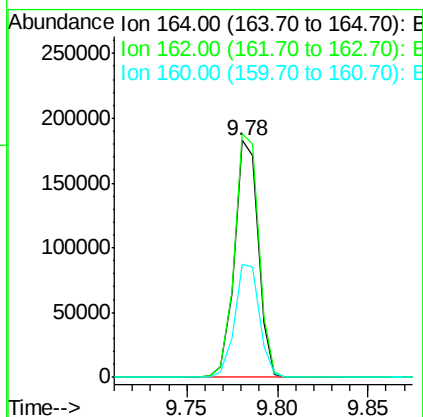
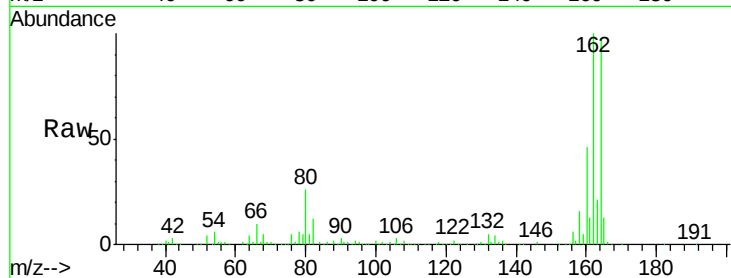




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

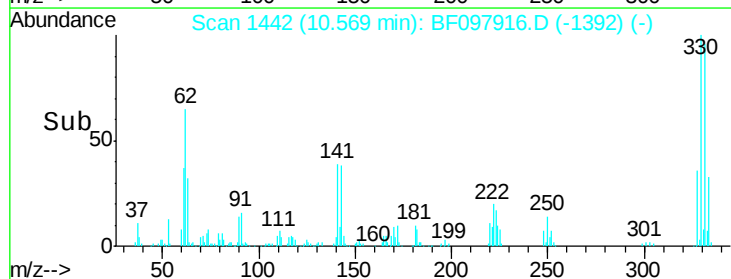
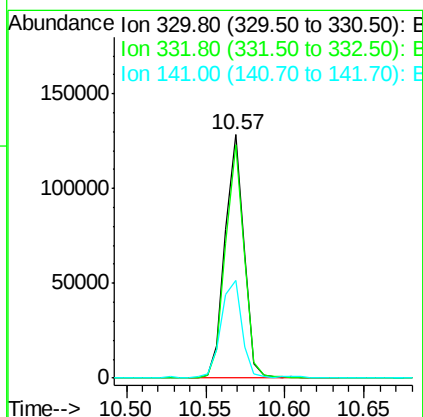
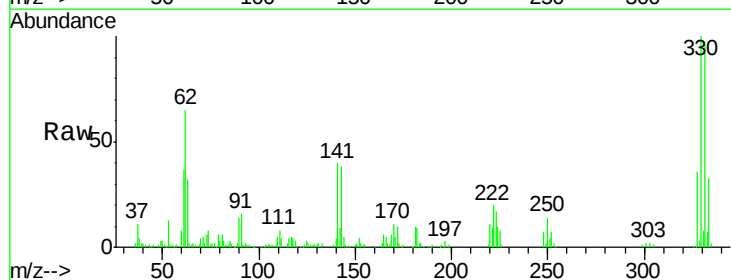
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 CL-02-081717-D

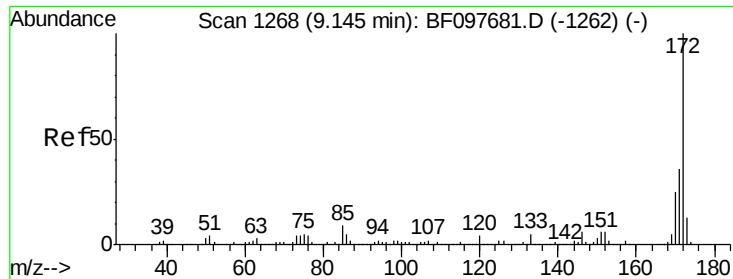
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	47.6	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 73.63 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	42.7	31.4	47.2

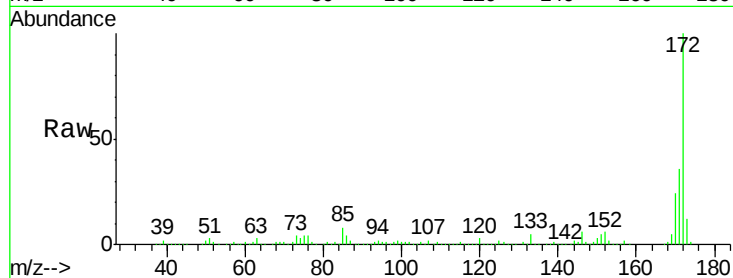




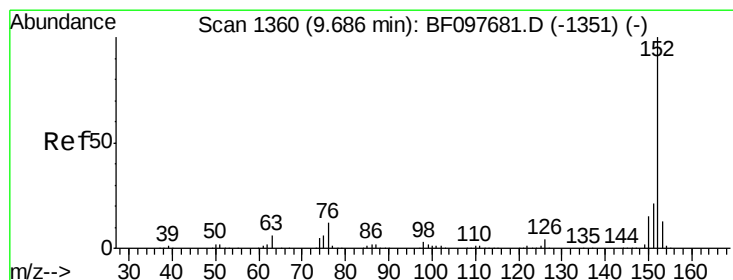
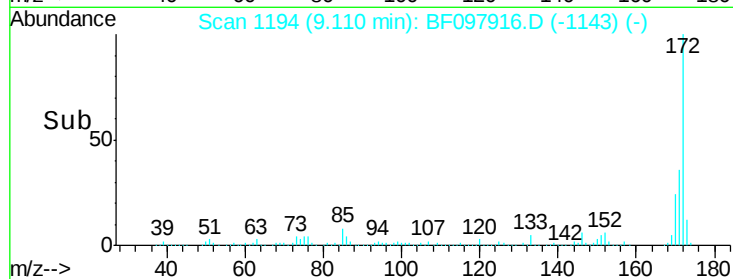
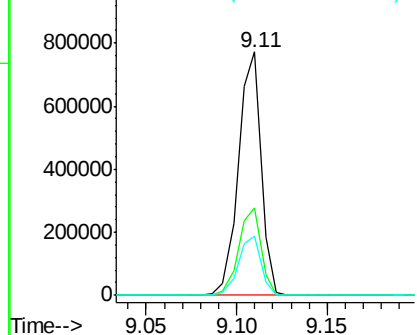
#44
 2-Fluorobiphenyl
 Concen: 59.29 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-D

Tot Ion:172 Resp: 674466
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 19.8 29.8

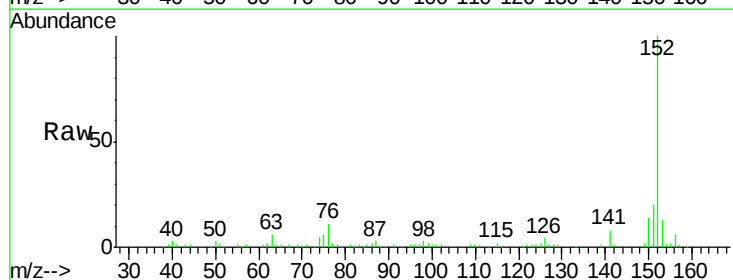


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

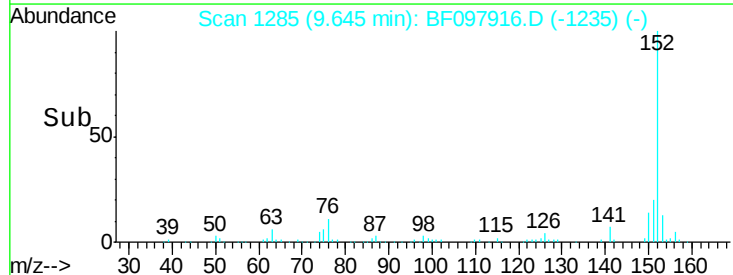
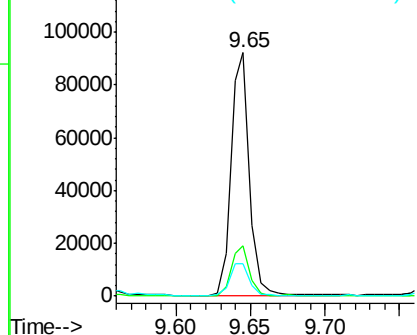


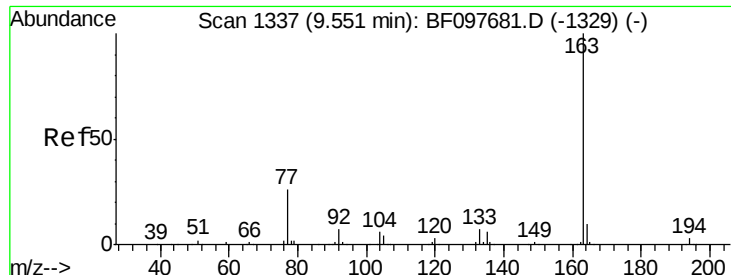
#48
 Acenaphthylene
 Concen: 4.62 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Tgt Ion:152 Resp: 81722
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.1 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

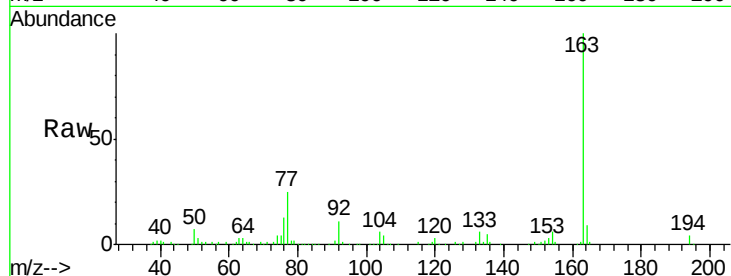




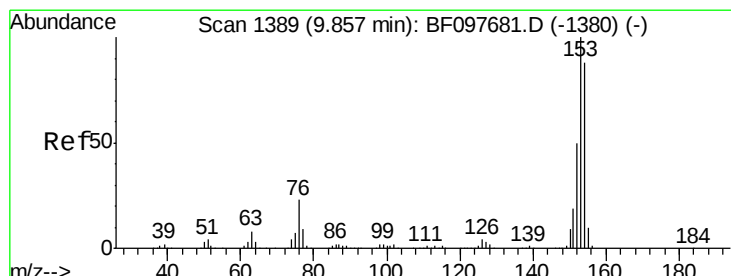
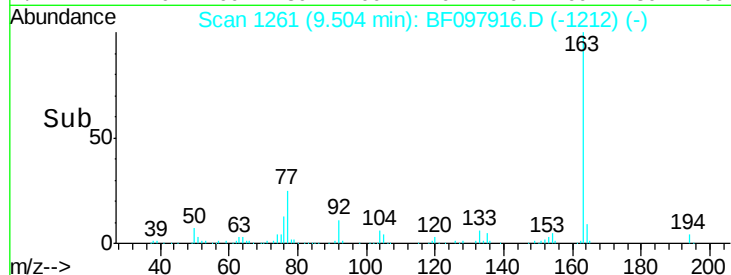
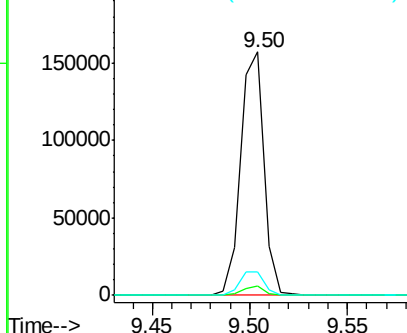
#49
Dimethylphthalate
Concen: 10.69 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.4	8.4	12.6

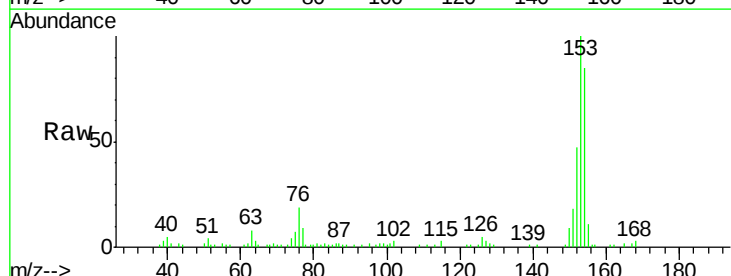


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

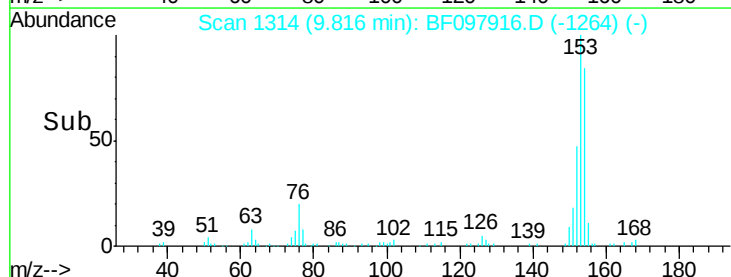
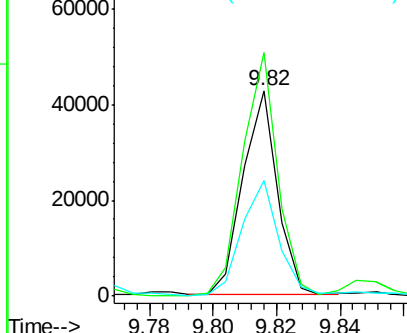


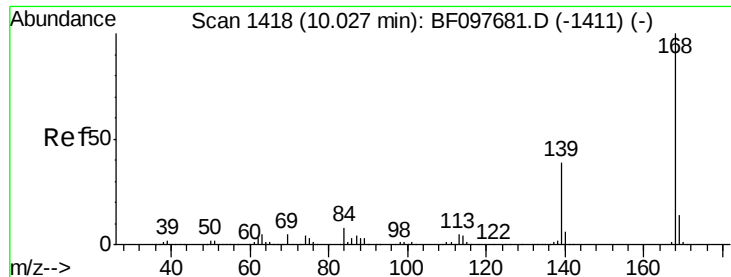
#51
Acenaphthene
Concen: 2.86 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.3	90.5	135.7
152	55.9	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: 2.75 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Instrument :

BNA_F

ClientSampleId :

CL-02-081717-D

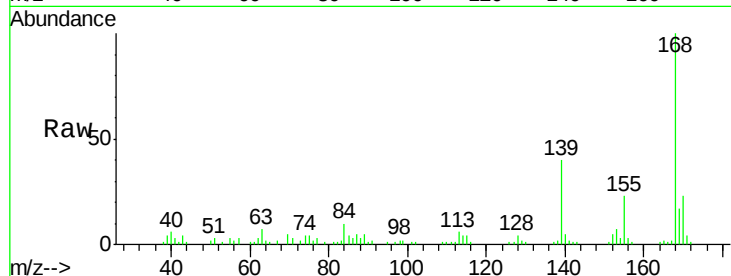
Tot Ion:168 Resp: 41150

Ion Ratio Lower Upper

168 100

139 40.5 30.6 45.8

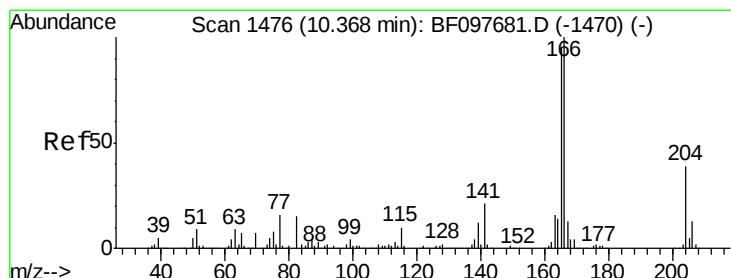
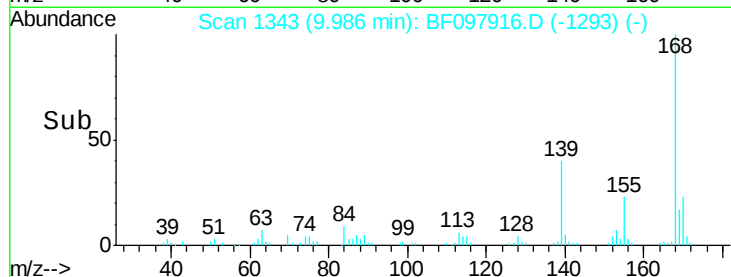
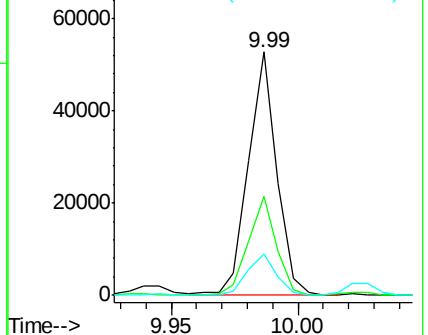
169 16.9 10.8 16.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 6.41 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

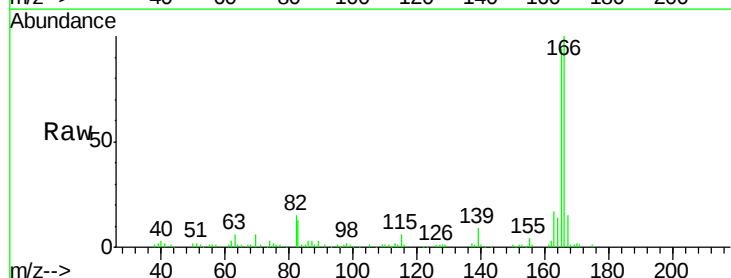
Tgt Ion:166 Resp: 74120

Ion Ratio Lower Upper

166 100

165 94.4 78.8 118.2

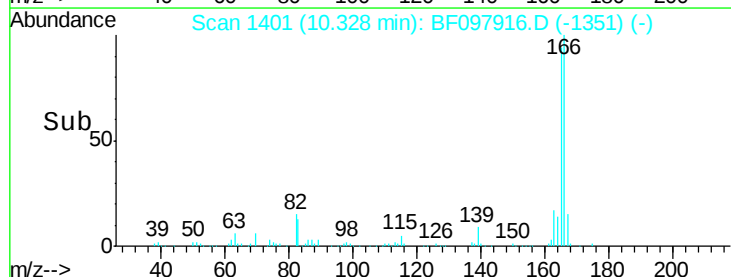
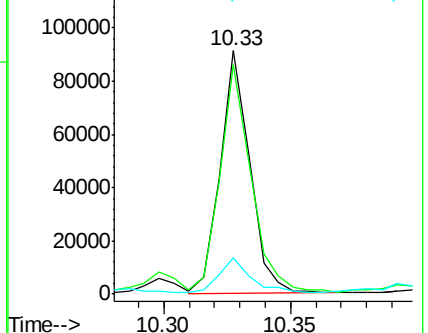
167 15.0 10.6 16.0

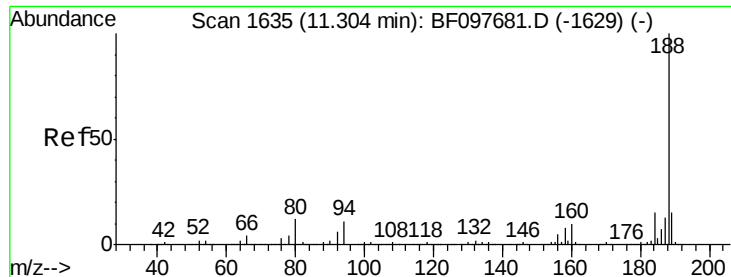


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

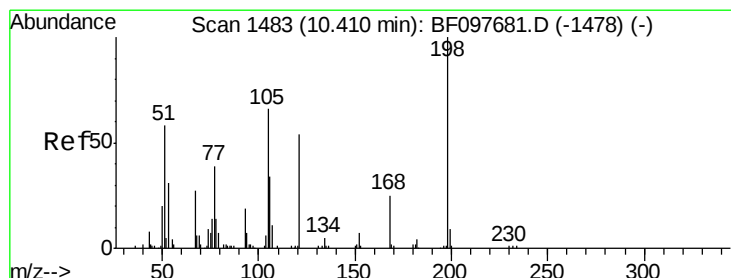
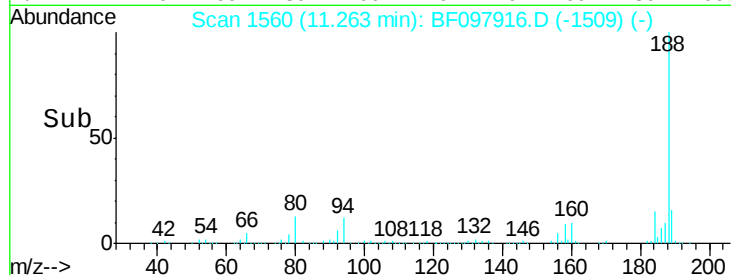
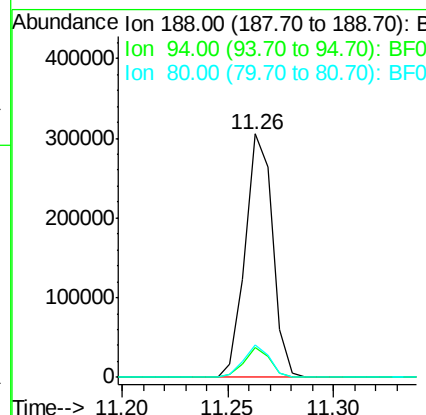
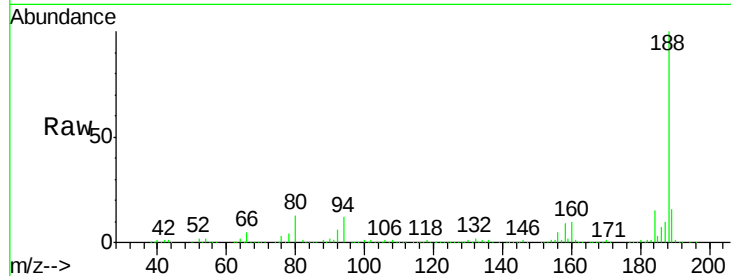




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

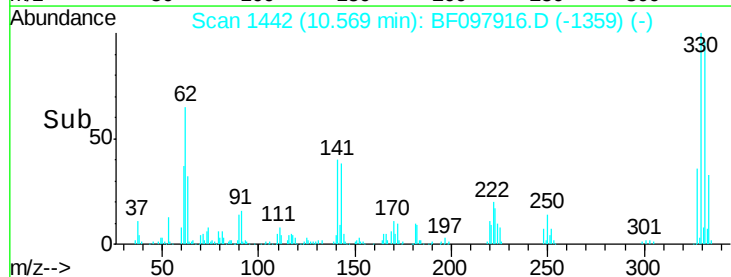
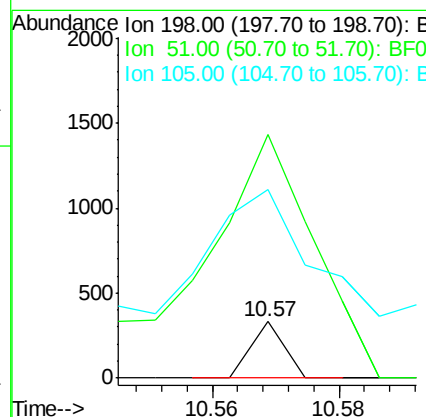
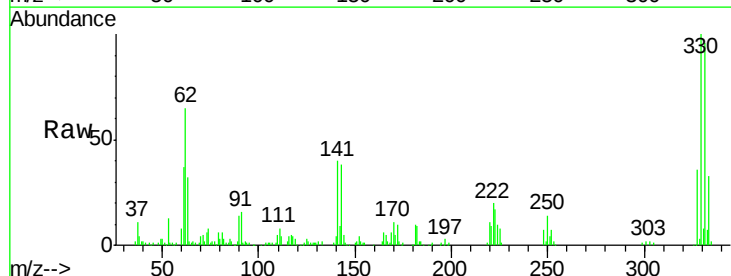
Instrument :
BNA_F
ClientSampleId :
CL-02-081717-D

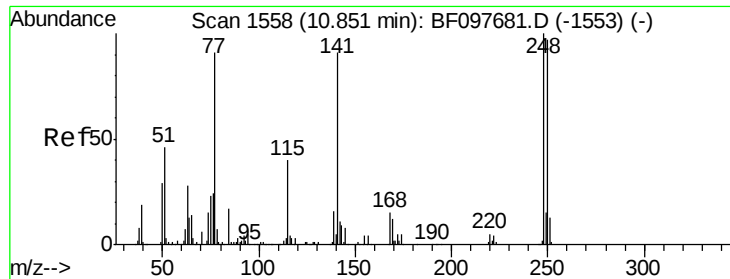
Tot Ion:188 Resp: 273939
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.39 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Tgt Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 433.9 53.2 93.2#
105 337.3 45.8 85.8#

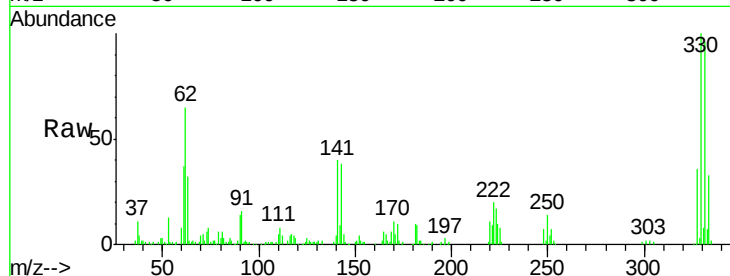




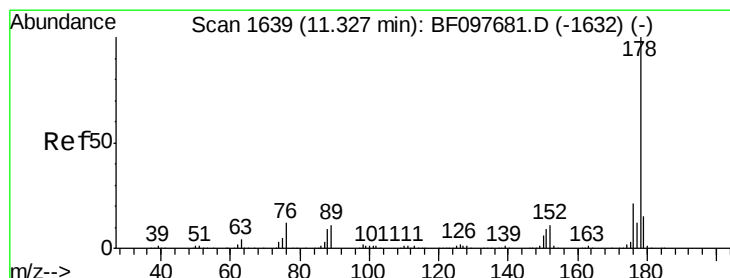
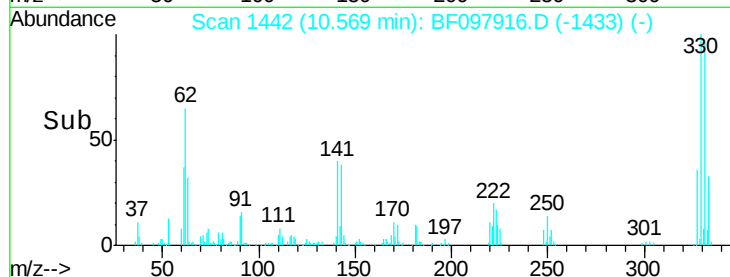
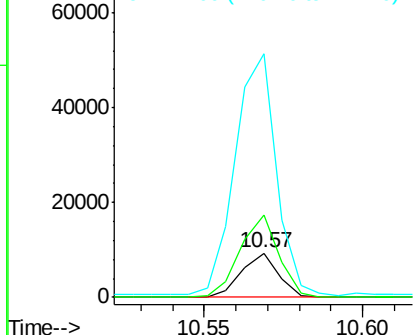
#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-D

Tot Ion:248 Resp: 7514
 Ion Ratio Lower Upper
 248 100
 250 186.4 76.8 115.2#
 141 549.9 68.6 103.0#

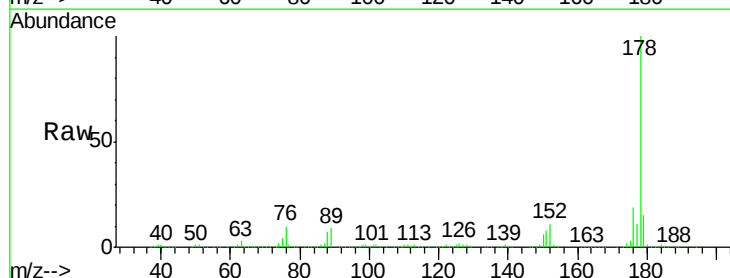


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

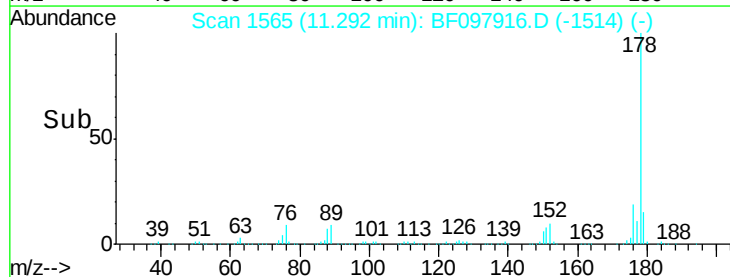
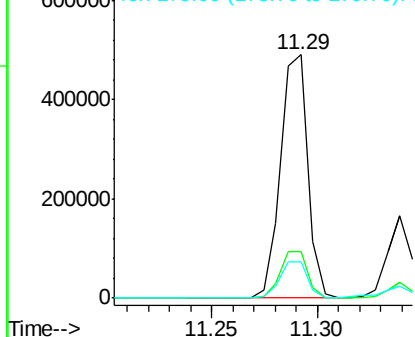


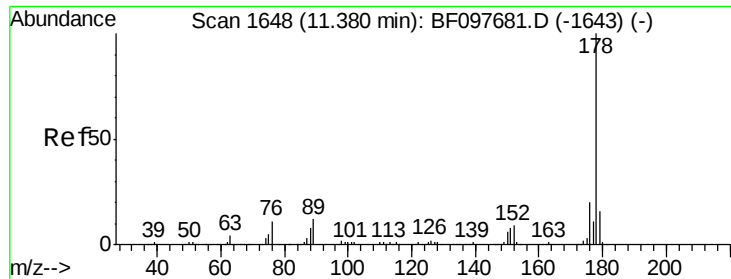
#70
 Phenanthrene
 Concen: 30.24 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Tgt Ion:178 Resp: 441435
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 14.9 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

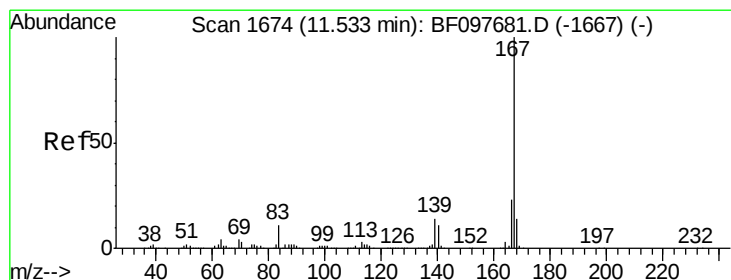
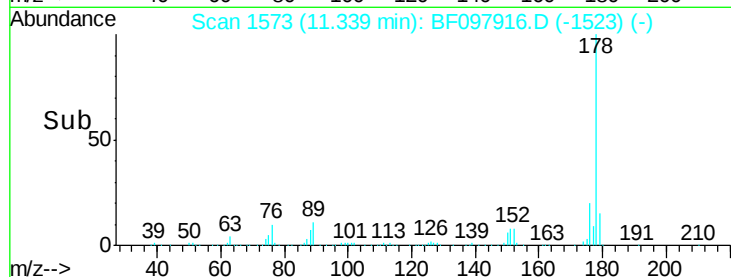
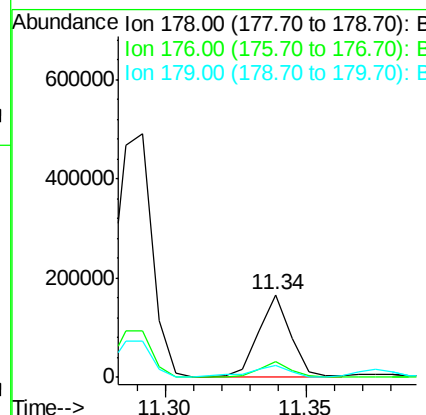
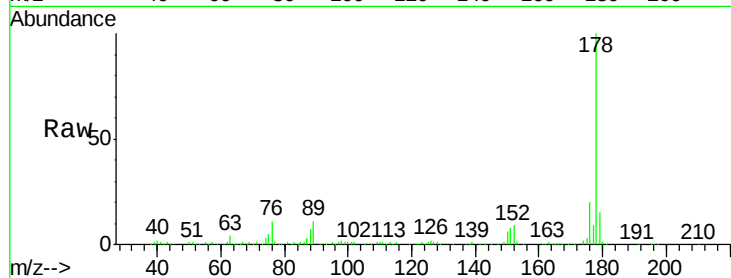




#71
 Anthracene
 Concen: 8.60 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

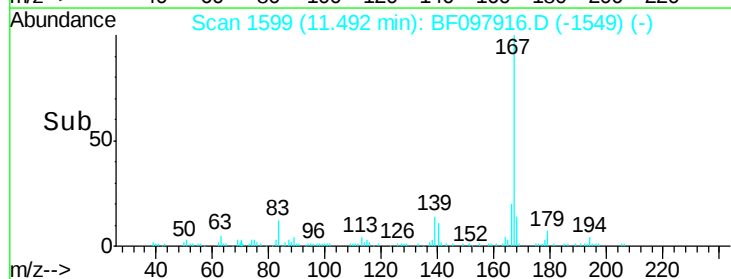
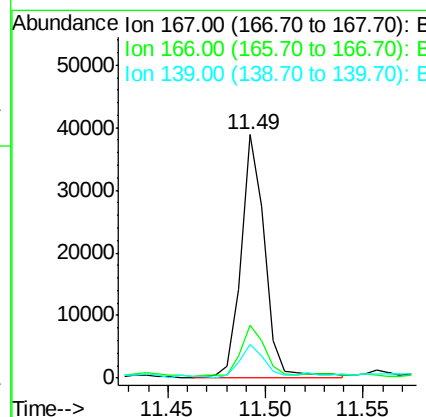
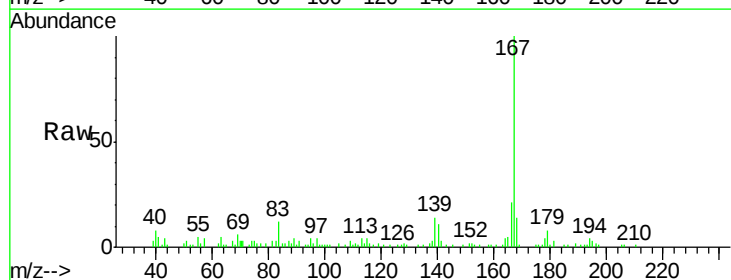
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-D

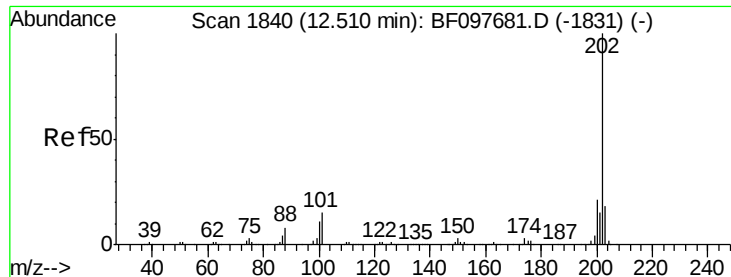
Tot Ion:178 Resp: 127261
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 2.35 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Tgt Ion:167 Resp: 33079
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.8 11.7 17.5

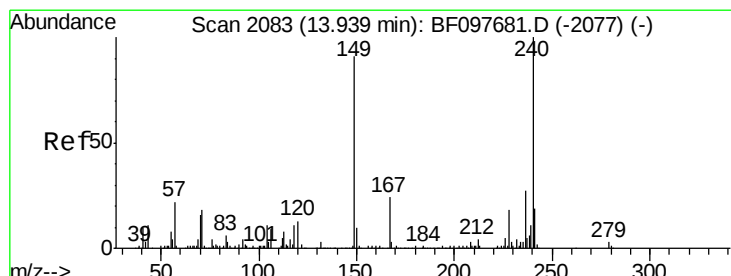
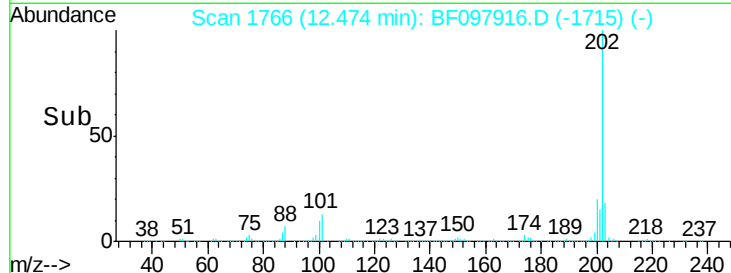
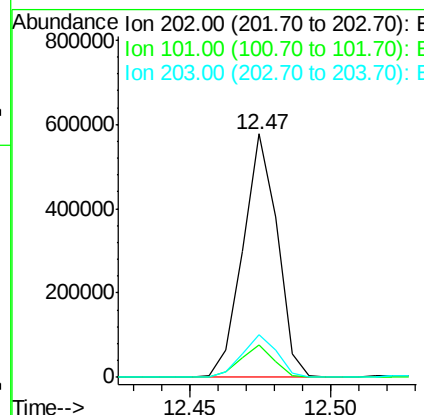
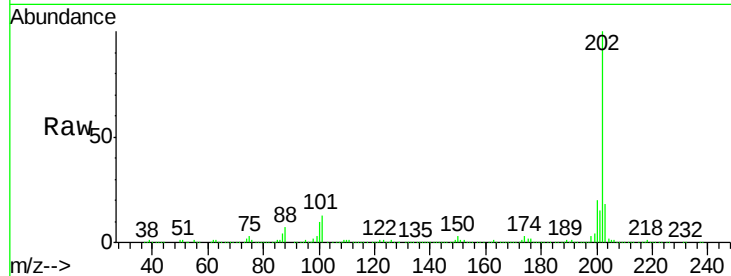




#74
 Fluoranthene
 Concen: 32.09 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

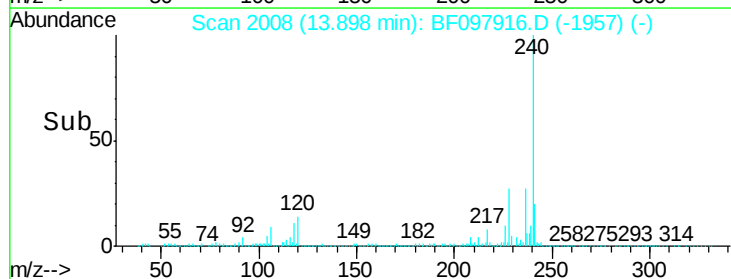
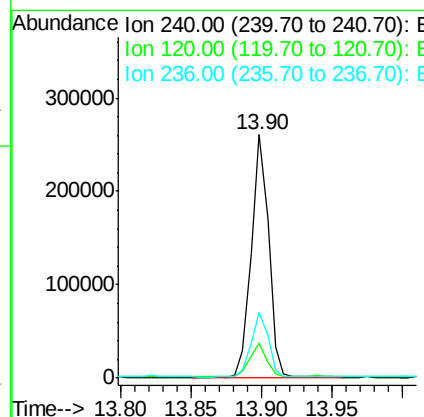
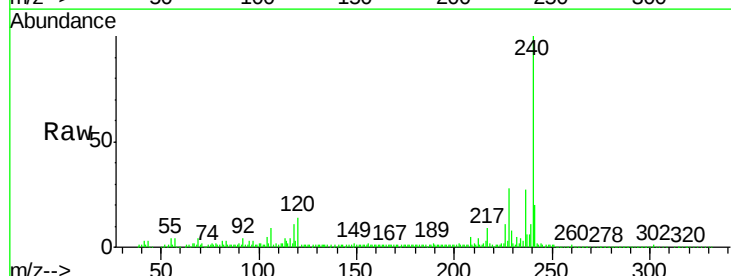
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-D

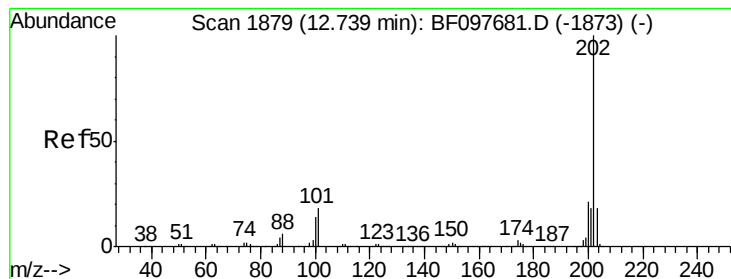
Tot Ion:	202	Resp:	489002
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF097916.D
 Acq: 21 Aug 2017 20:19

Tgt Ion:	240	Resp:	224793
Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	27.2	20.5	30.7





#77

Pvrene

Concen: 30.78 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Instrument :

BNA_F

ClientSampleId :

CL-02-081717-D

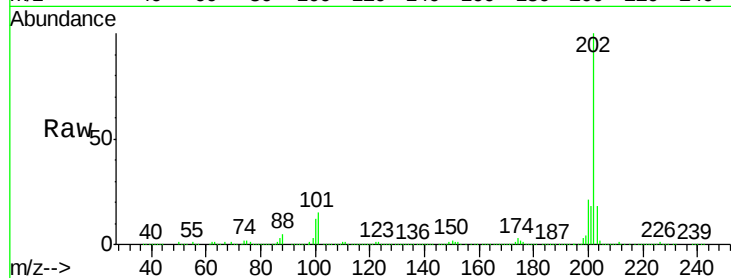
Tot Ion:202 Resp: 565843

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

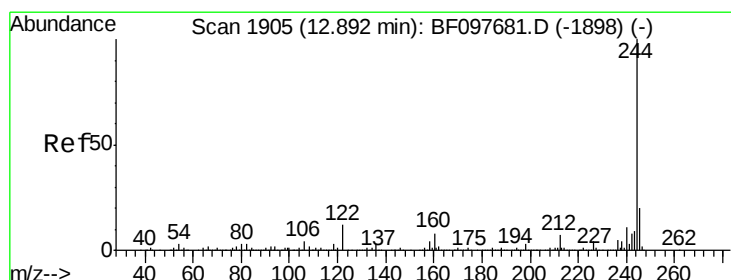
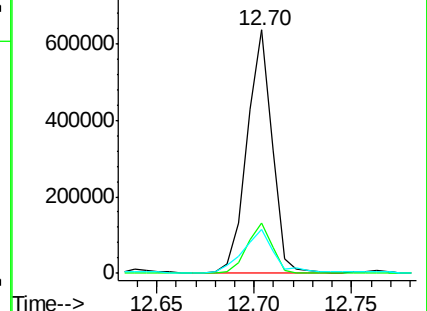
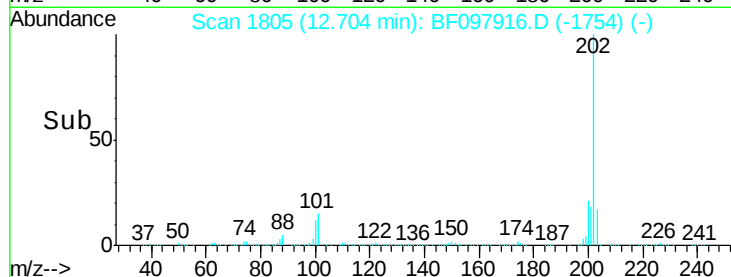
203 17.9 14.4 21.6



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: 44.17 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

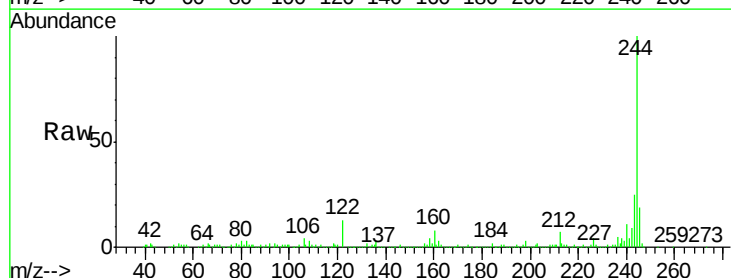
Tgt Ion:244 Resp: 476188

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

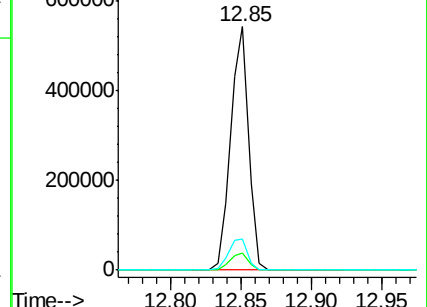
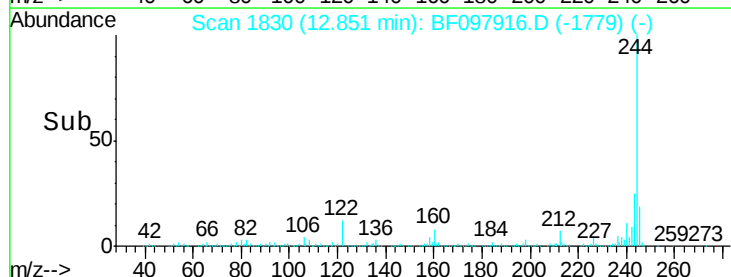
122 12.6 10.3 15.5

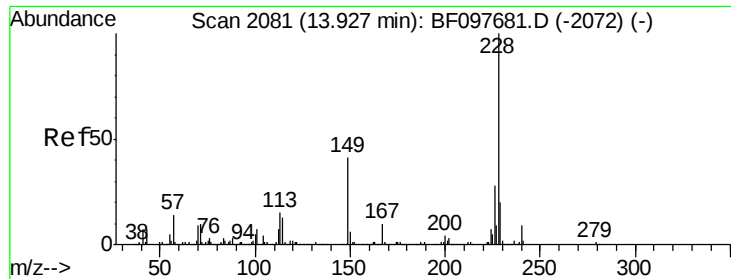


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

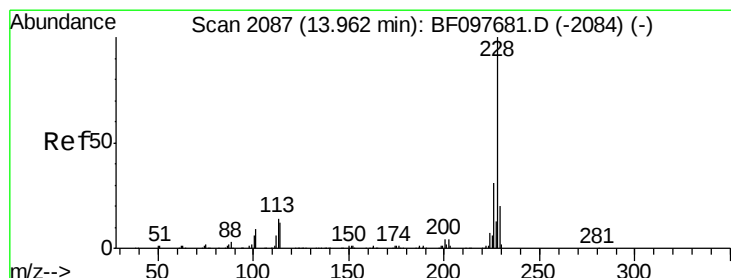
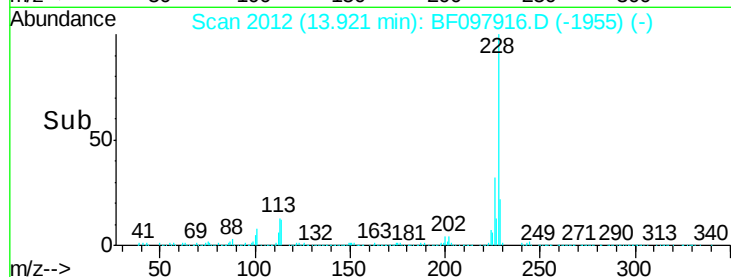
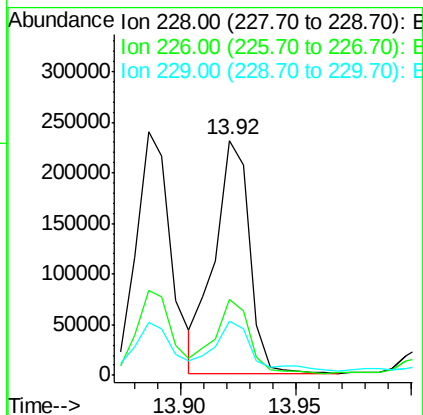
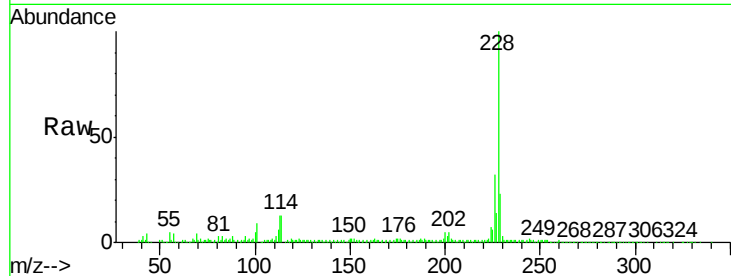




#80
Benzo(a)anthracene
Concen: 17.86 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.04 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

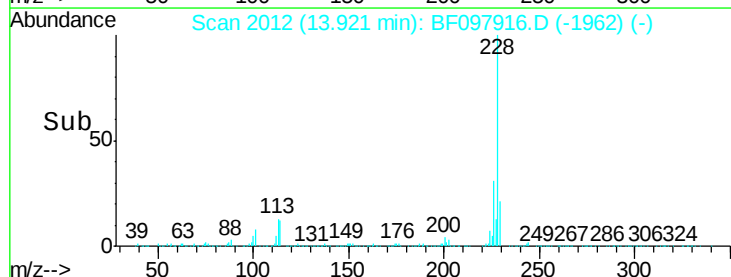
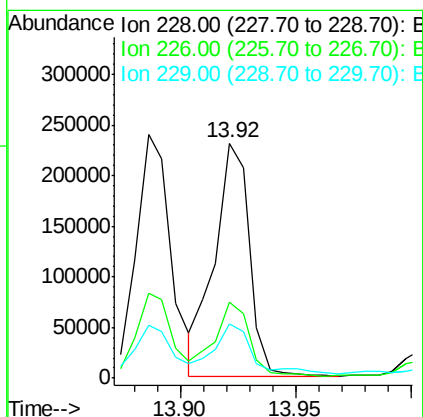
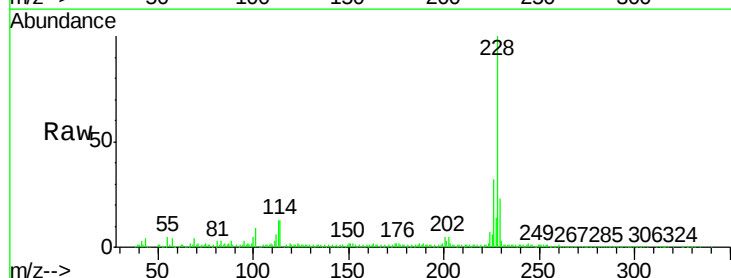
Instrument :
BNA_F
ClientSampleId :
CL-02-081717-D

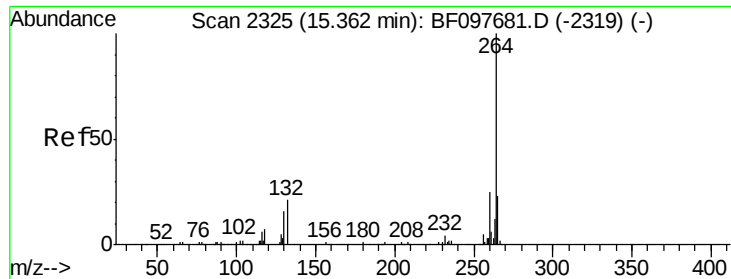
Tot Ion:228 Resp: 240670
Ion Ratio Lower Upper
228 100
226 32.3 22.6 33.8
229 23.1 16.3 24.5



#82
Chrysene
Concen: 17.96 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Tgt Ion:228 Resp: 240670
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 23.1 15.8 23.6

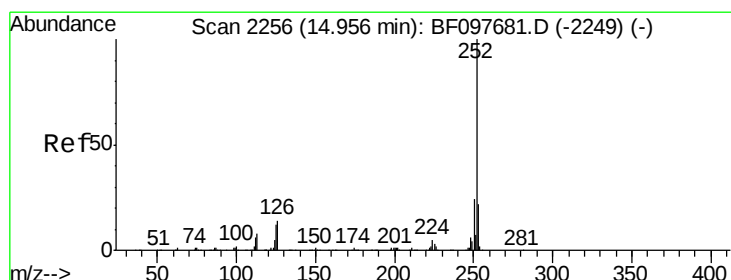
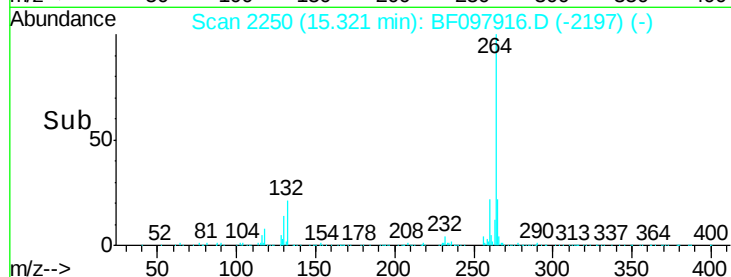
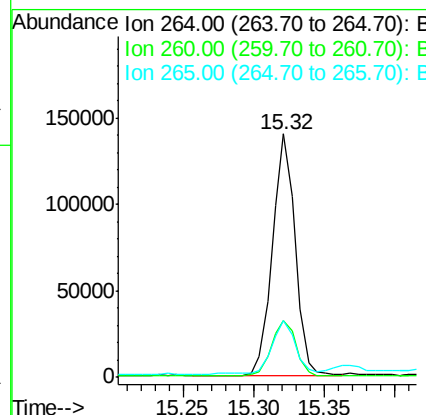
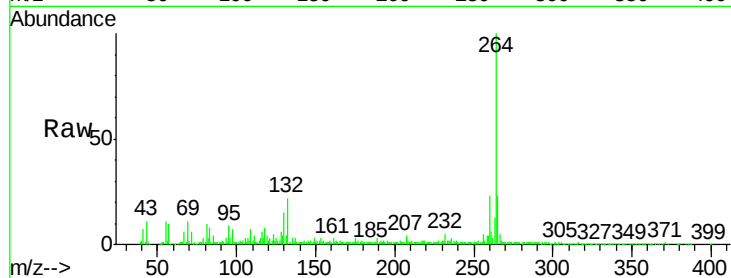




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

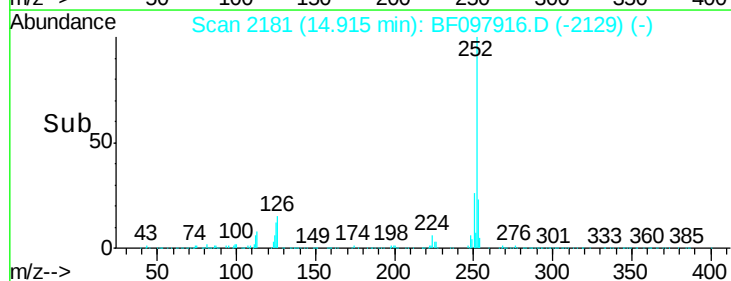
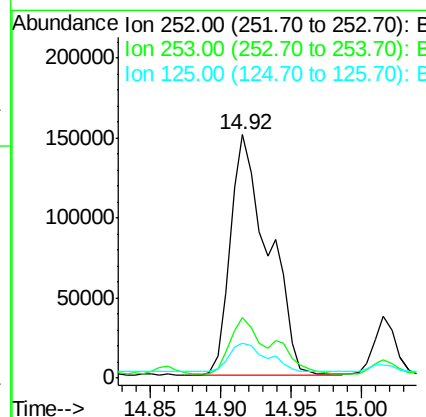
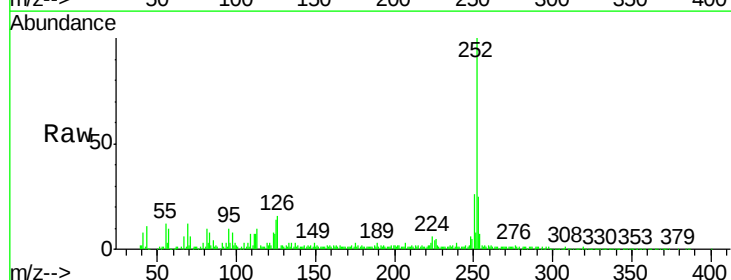
Instrument :
BNA_F
ClientSampleId :
CL-02-081717-D

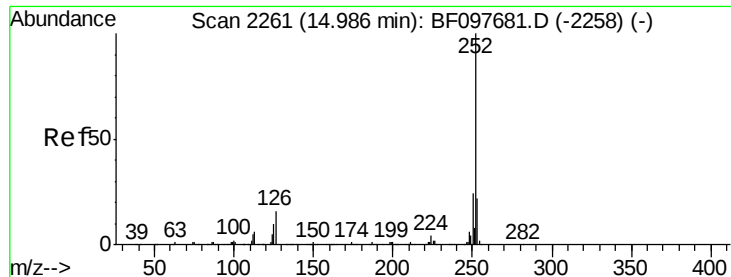
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	23.1	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 28.22 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	14.3	9.8	14.8

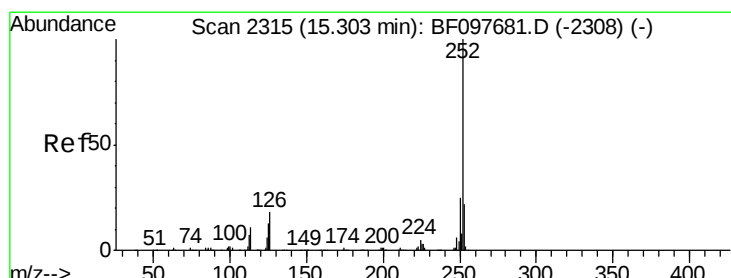
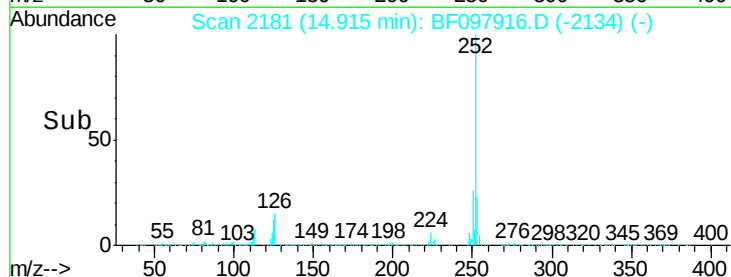
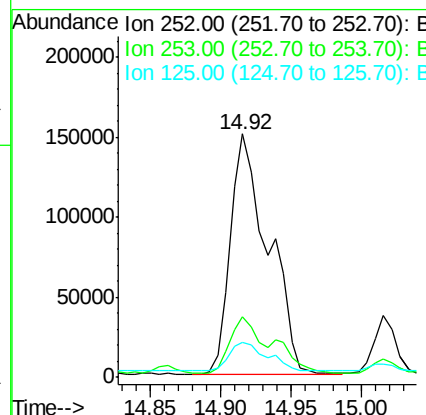
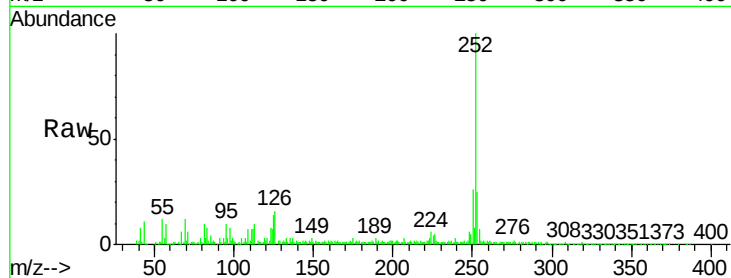




#88
Benzo(k)fluoranthene
Concen: 30.03 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

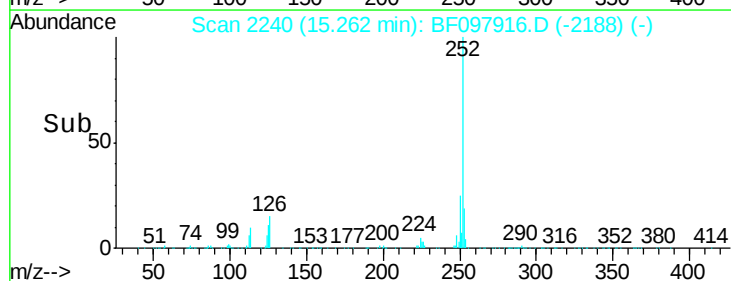
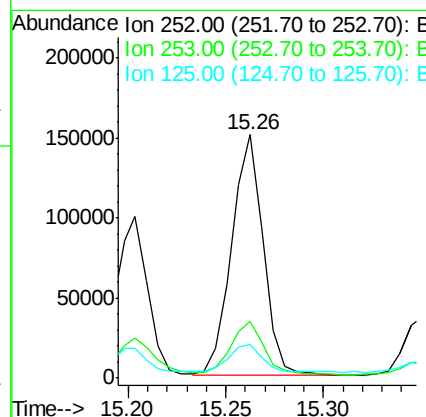
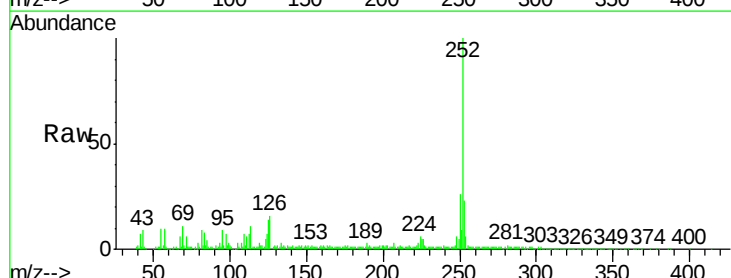
Instrument :
BNA_F
ClientSampleId :
CL-02-081717-D

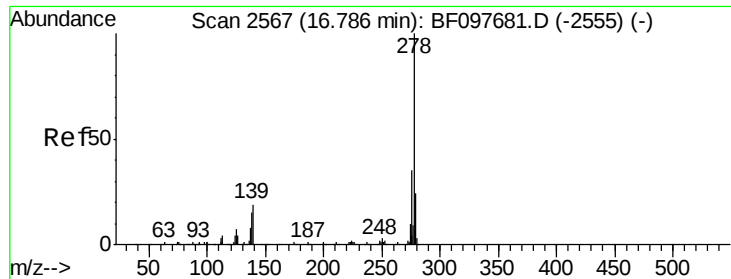
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	14.3	13.1	19.7



#89
Benzo(a)pyrene
Concen: 18.86 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097916.D
Acq: 21 Aug 2017 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.6	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 2.73 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

Instrument :

BNA_F

ClientSampleId :

CL-02-081717-D

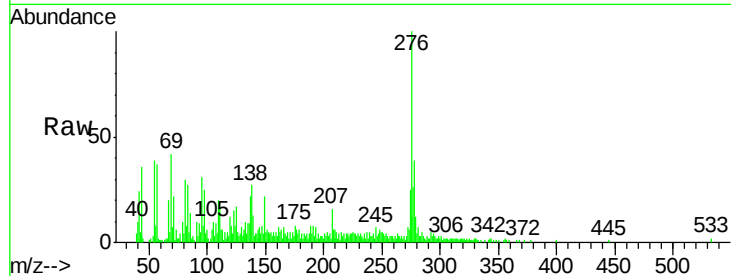
Tot Ion:278 Resp: 19862

Ion Ratio Lower Upper

278 100

139 33.6 16.6 24.8#

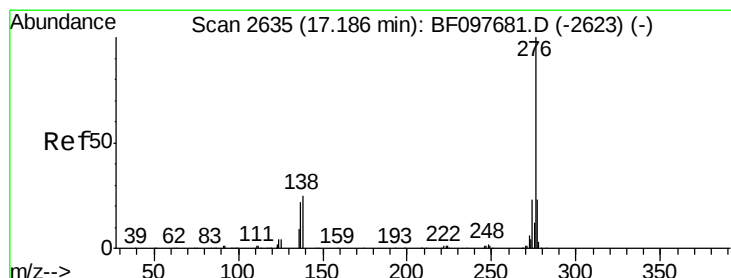
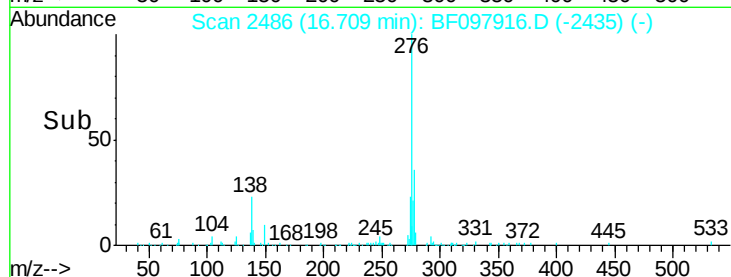
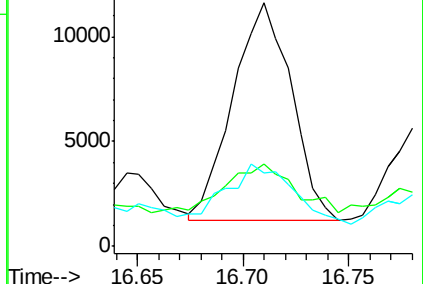
279 30.4 19.3 28.9#



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: 11.07 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF097916.D

Acq: 21 Aug 2017 20:19

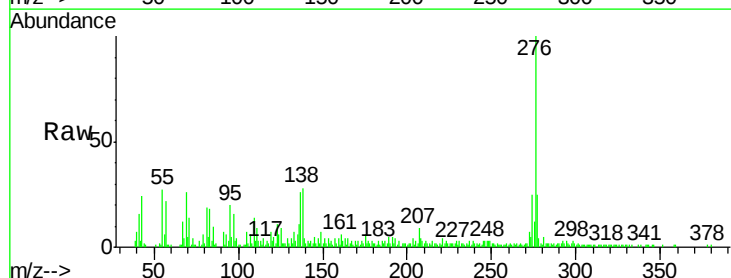
Tgt Ion:276 Resp: 83893

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 27.5 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

