

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101513.D
 Acq On : 19 Dec 2017 8:42
 Operator : SJ/JU
 Sample : I6680-13DL 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-BDL

Quant Time: Dec 19 10:24:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129535	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	475115	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	170454	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	262054	20.00	ng	0.00
75) Chrysene-d12	13.99	240	276430	20.00	ng	0.00
86) Perylene-d12	15.46	264	268353	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	89833	10.33	ng	0.02
7) Phenol-d6	6.46	99	113433	10.48	ng	0.01
23) Nitrobenzene-d5	7.38	82	62027	7.27	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	15786	9.61	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	121183	11.03	ng	0.00
78) Terphenyl-d14	12.92	244	89683	7.82	ng	0.00

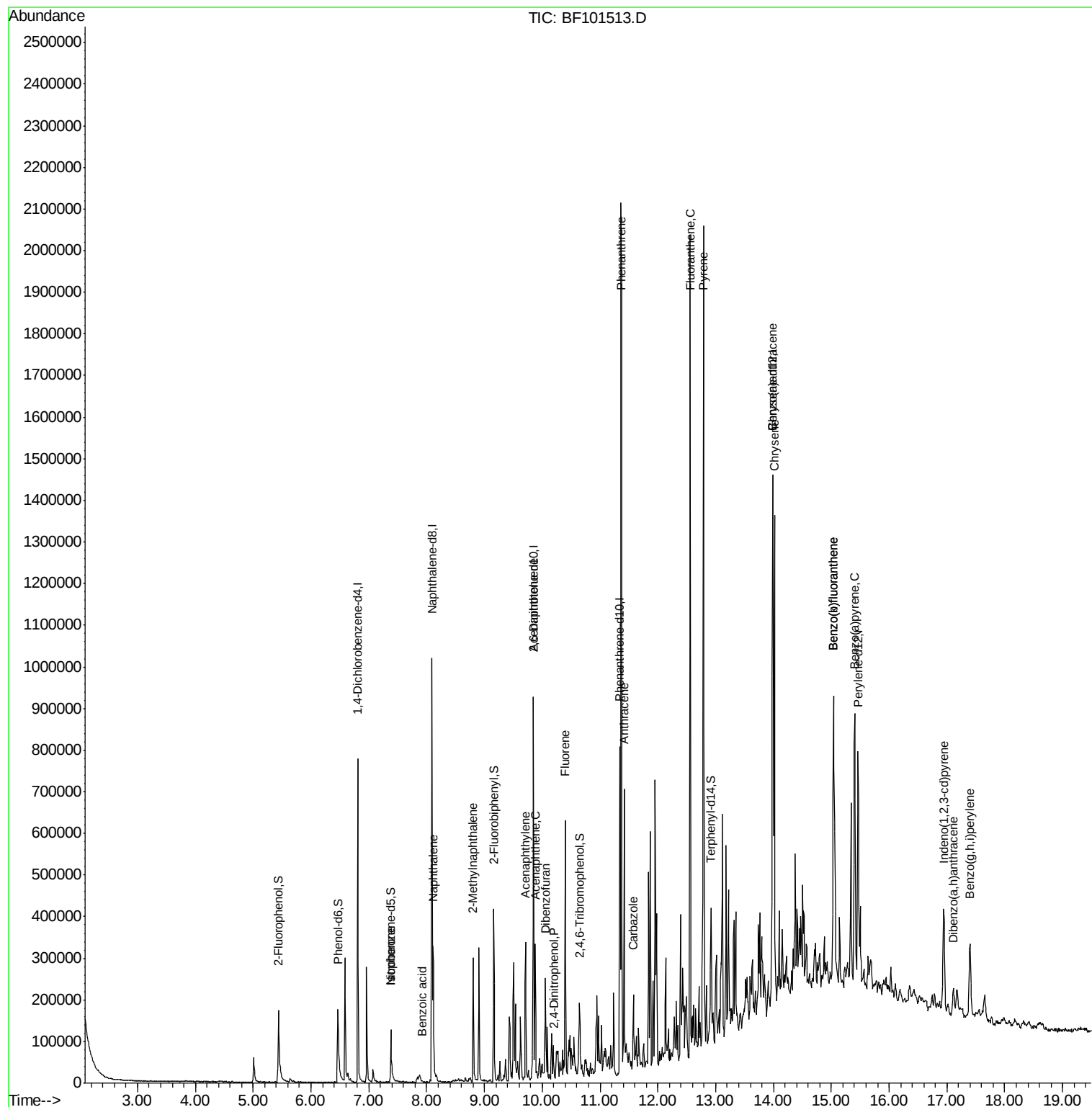
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.38	82	62027	3.623	ng	# 64
31) Naphthalene	8.11	128	144149	6.027	ng	97
32) Benzoic acid	7.92	122	258	8.007	ng	# 1
37) 2-Methylnaphthalene	8.80	142	87657	5.625	ng	99
48) Acenaphthylene	9.71	152	111027	6.077	ng	97
50) 2,6-Dinitrotoluene	9.85	165	24651	8.846	ng	# 26
51) Acenaphthene	9.88	154	63832	5.816	ng	100
53) 2,4-Dinitrophenol	10.21	184	111	10.420	ng	# 42
54) Dibenzofuran	10.06	168	77935	5.587	ng	97
57) Fluorene	10.40	166	172234	14.596	ng	100
70) Phenanthrene	11.36	178	824813	56.598	ng	99
71) Anthracene	11.42	178	244454	16.422	ng	100
72) Carbazole	11.58	167	62295	4.470	ng	99
74) Fluoranthene	12.56	202	819845	53.596	ng	99
77) Pyrene	12.79	202	841267	40.551	ng	99
80) Benzo(a)anthracene	13.98	228	461005	25.256	ng	100
82) Chrysene	14.02	228	404330	23.461	ng	99
85) Indeno(1,2,3-cd)pyrene	16.94	276	152099	9.911	ng	# 91
87) Benzo(b)fluoranthene	15.04	252	550242	33.640	ng	96
88) Benzo(k)fluoranthene	15.04	252	550242	34.599	ng	99
89) Benzo(a)pyrene	15.40	252	325209	21.568	ng	98
90) Dibenz(a,h)anthracene	17.11	278	35022	2.705	ng	95
91) Benzo(g,h,i)perylene	17.40	276	142345	11.104	ng	95

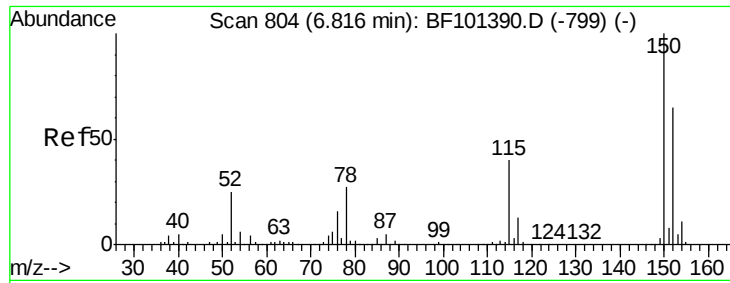
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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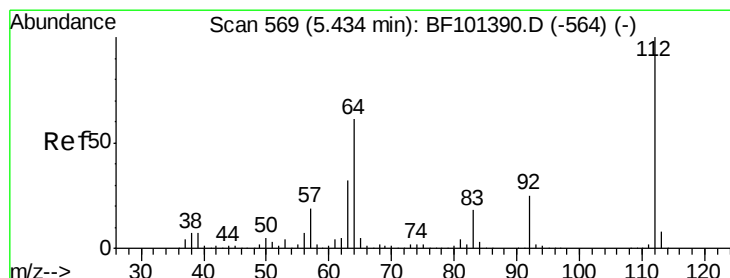
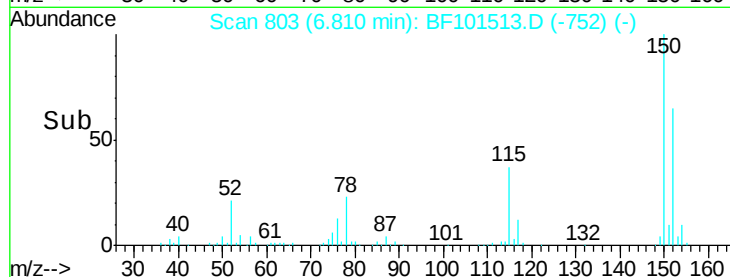
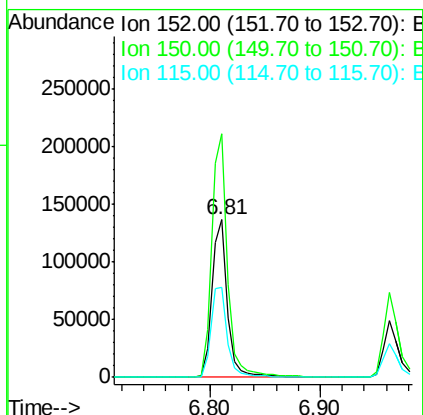
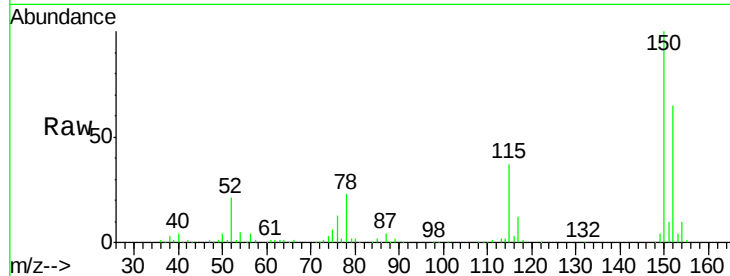


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-BDL

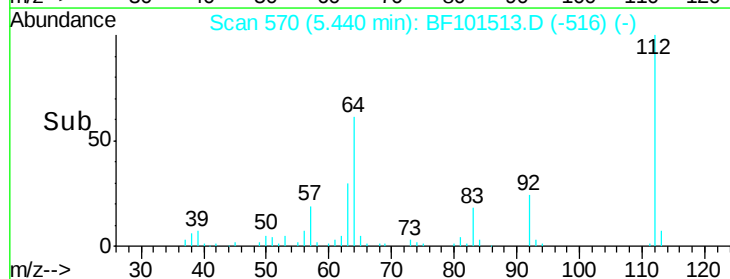
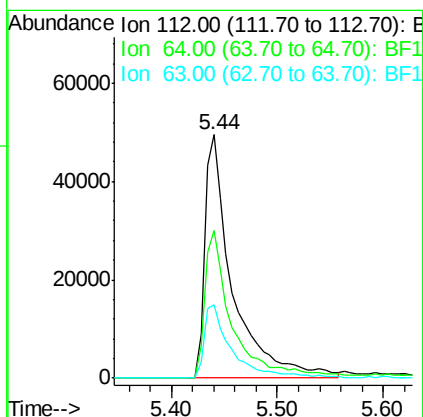
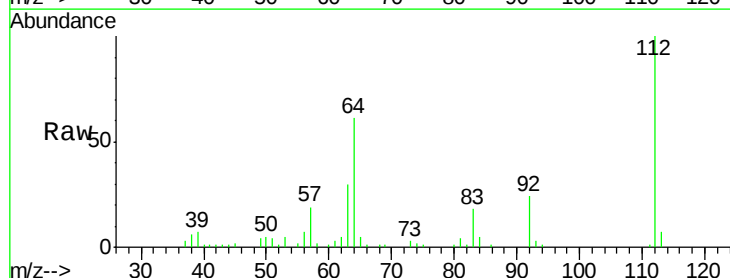
Tgt Ion:152 Resp: 129535
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.7 50.1 75.1

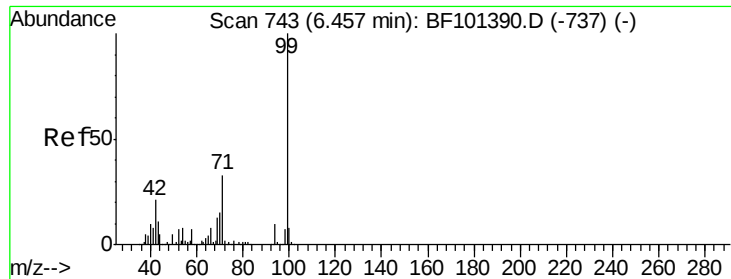


#5

2-Fluorophenol
Concen: 10.330 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Tgt Ion:112 Resp: 89833
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 10.481 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

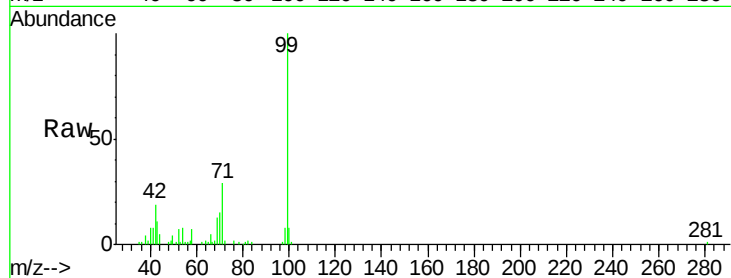
Tgt Ion: 99 Resp: 113433

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

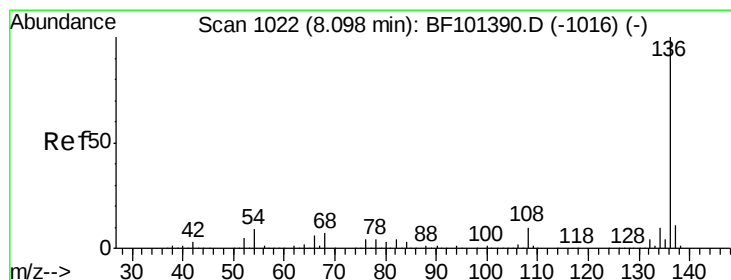
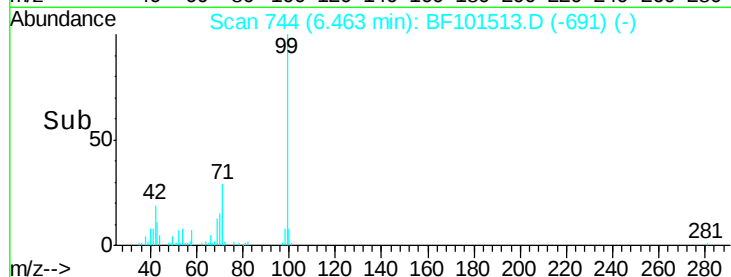
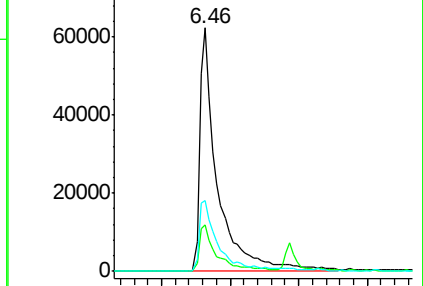
71 29.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Tgt Ion: 136 Resp: 475115

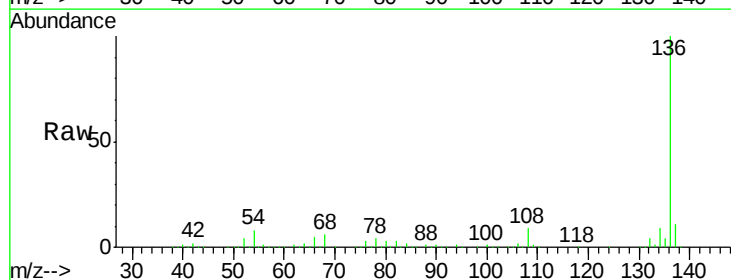
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.2 6.6 9.8

68 5.9 5.0 7.4

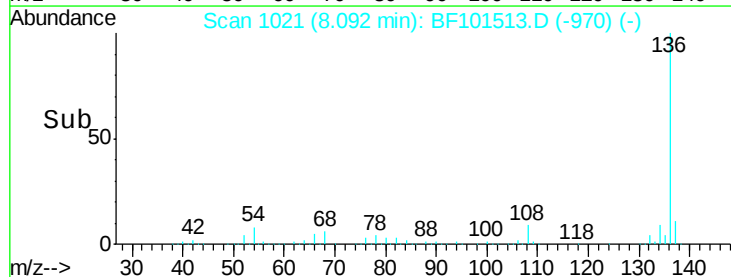
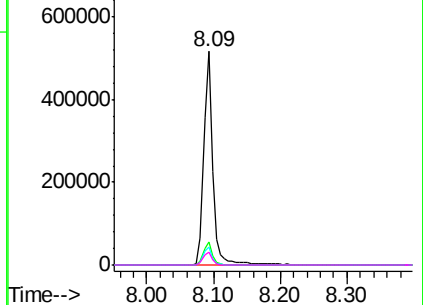


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

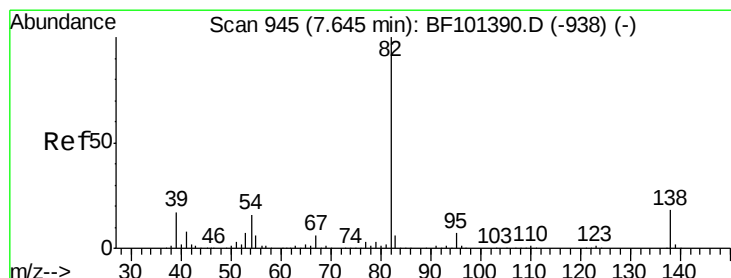
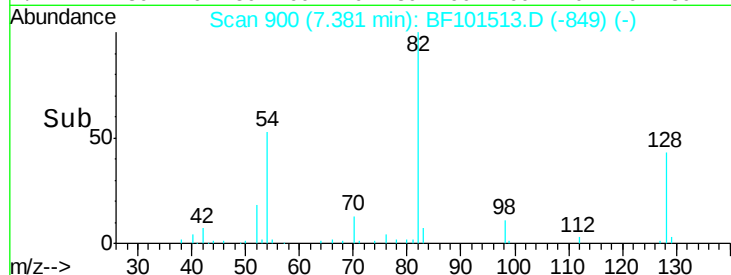
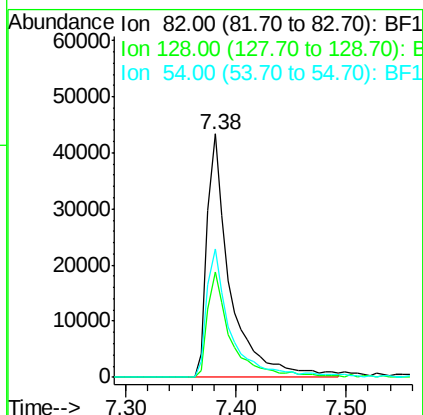
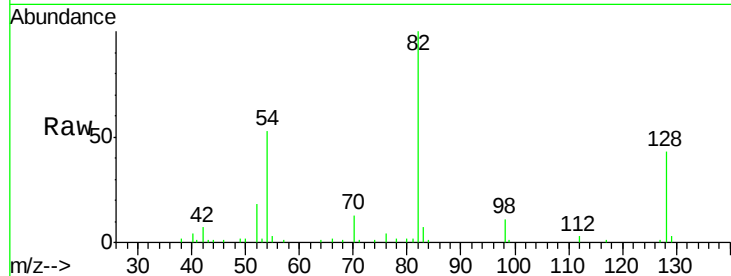




#23
 Nitrobenzene-d5
 Concen: 7.267 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

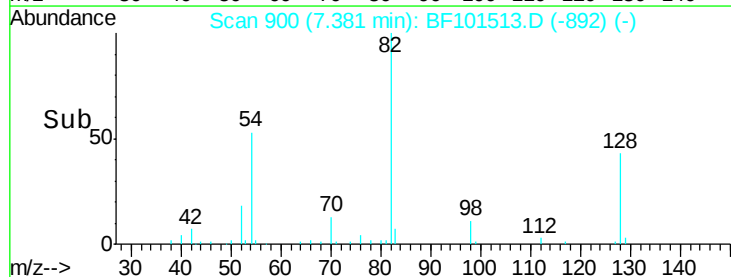
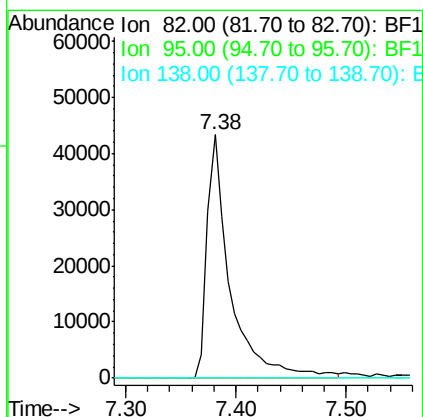
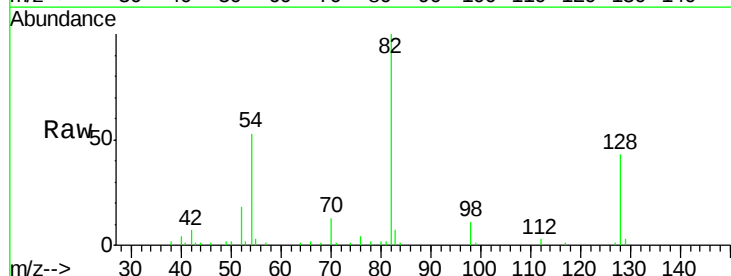
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 CL-02-121417-BDL

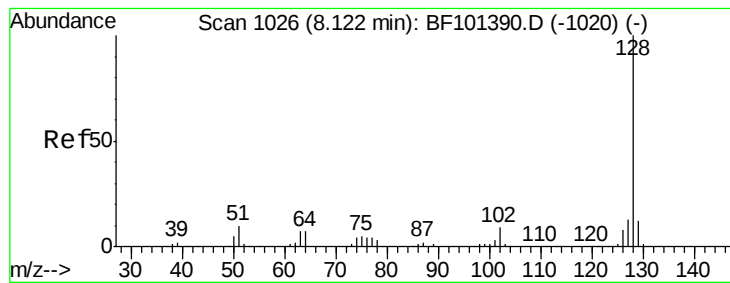
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	52.8	41.4	62.2



#25
 Isophorone
 Concen: 3.623 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.25 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 6.027 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

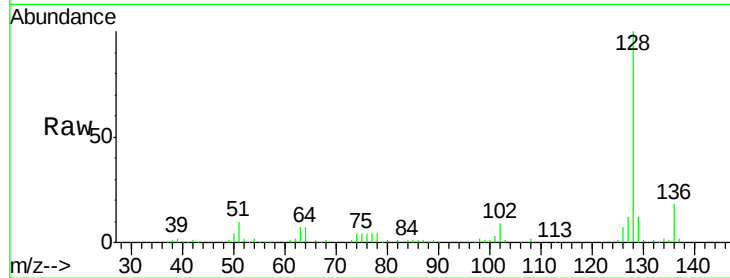
Tgt Ion:128 Resp: 144149

Ion Ratio Lower Upper

128 100

129 12.4 8.8 13.2

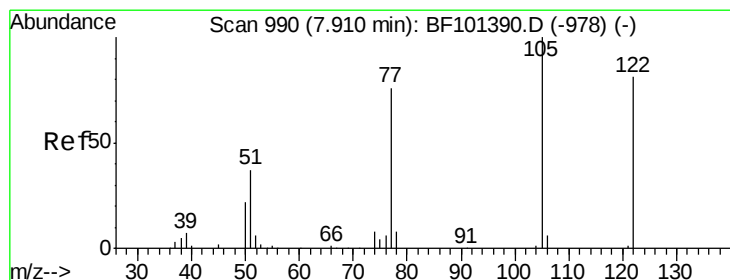
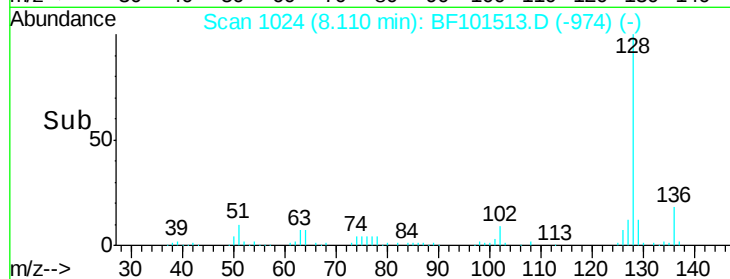
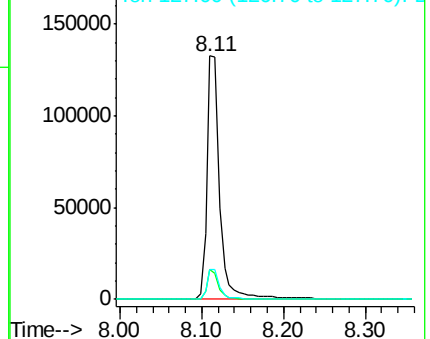
127 12.5 10.9 16.3



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: 8.007 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

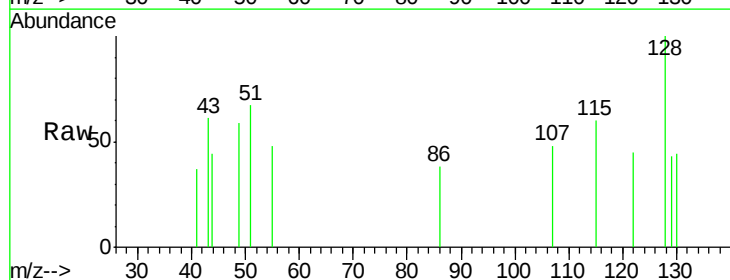
Tgt Ion:122 Resp: 258

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

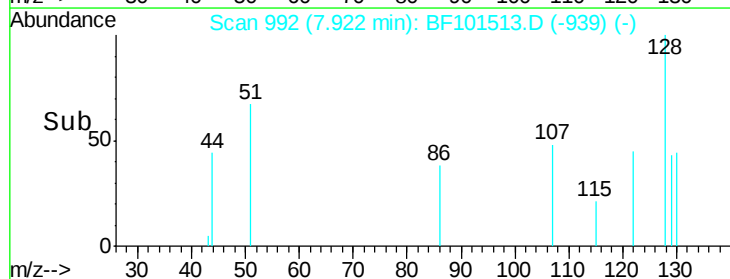
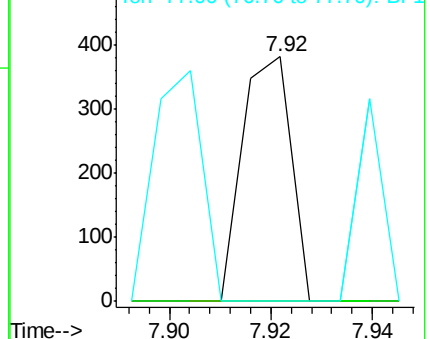
77 0.0 70.7 110.7#

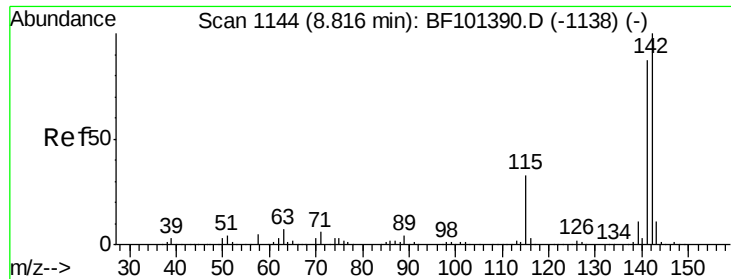


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

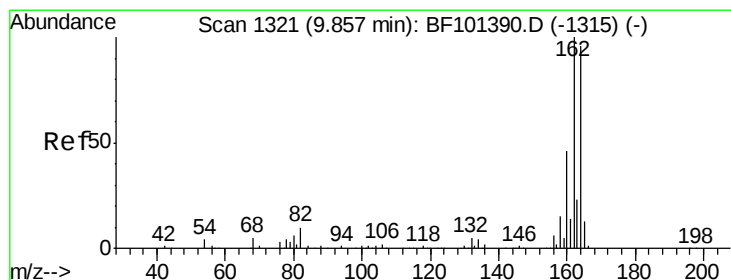
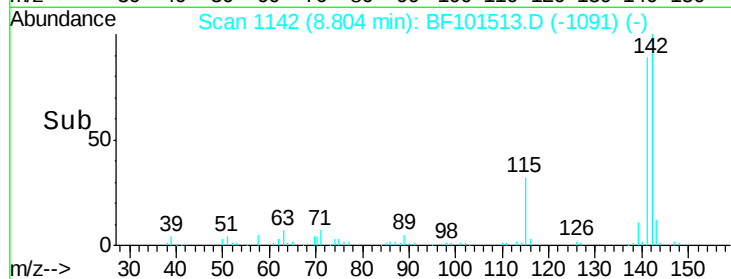
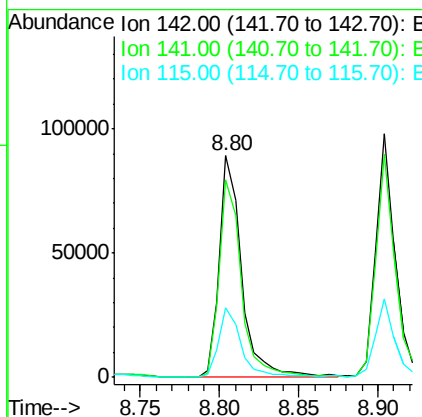
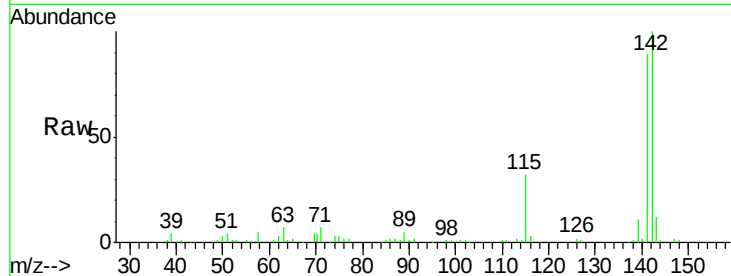




#37
2-Methylnaphthalene
Concen: 5.625 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

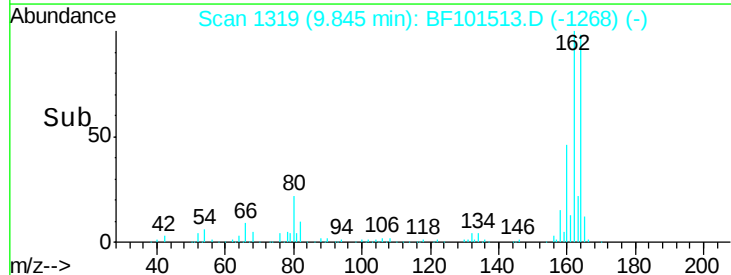
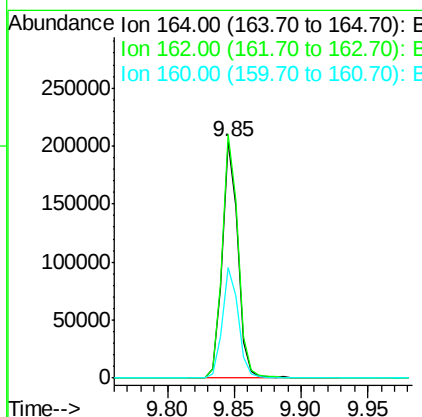
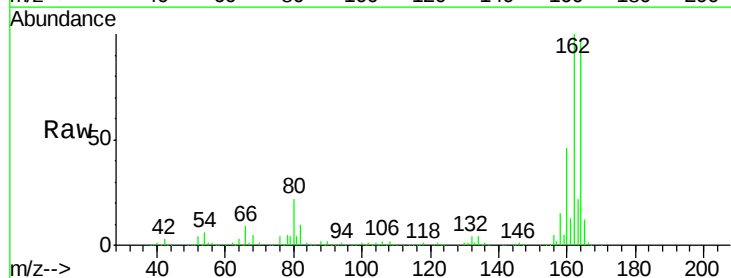
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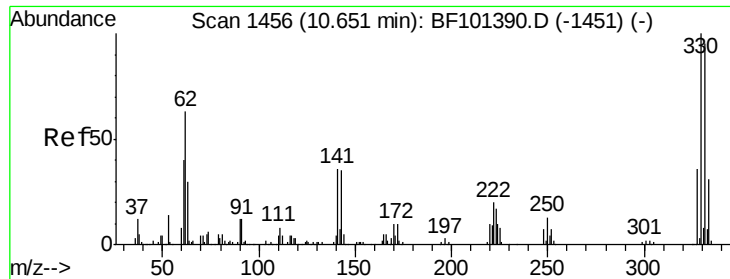
Tgt Ion:142 Resp: 87657
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 31.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Tgt Ion:164 Resp: 170454
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 46.9 38.3 57.5

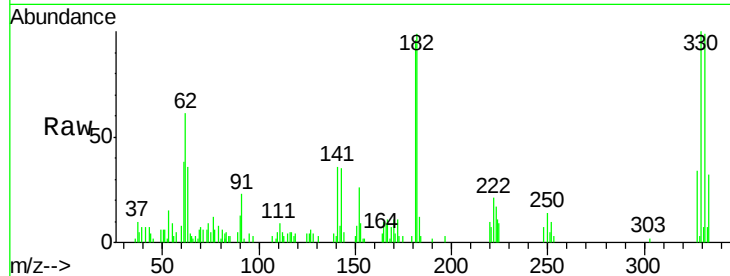




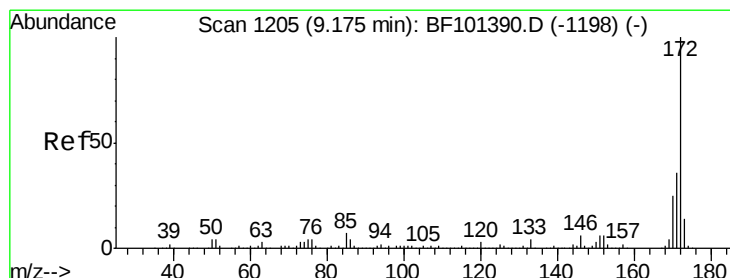
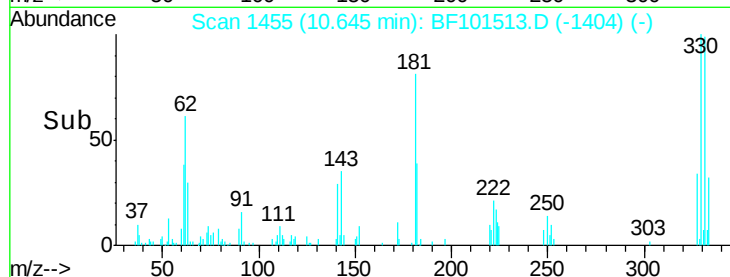
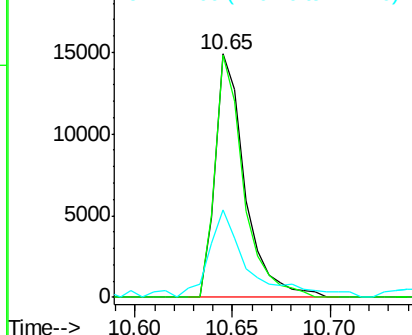
#41
 2,4,6-Tribromophenol
 Concen: 9.611 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-BDL

Tgt Ion: 330 Resp: 15786
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 49.3 29.9 44.9#

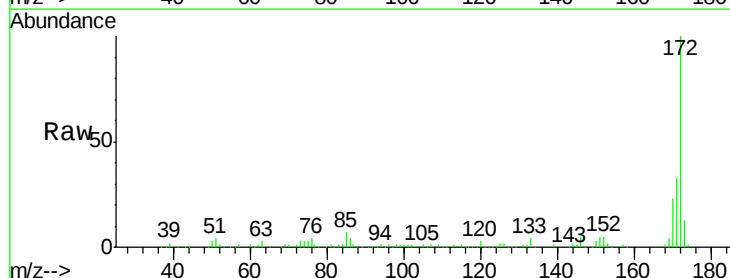


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

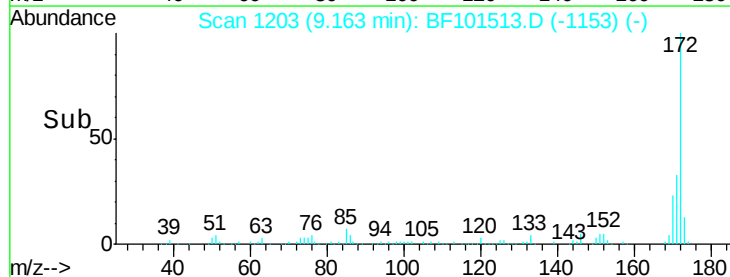
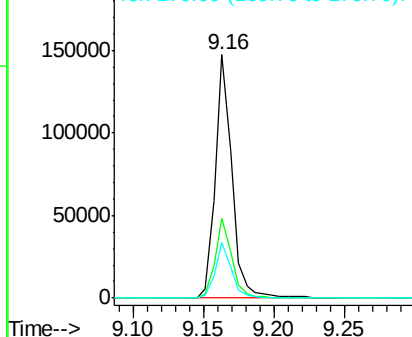


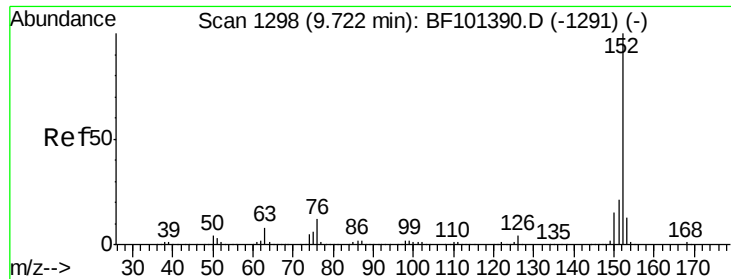
#44
 2-Fluorobiphenyl
 Concen: 11.028 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Tgt Ion: 172 Resp: 121183
 Ion Ratio Lower Upper
 172 100
 171 32.8 29.7 44.5
 170 22.8 19.6 29.4



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

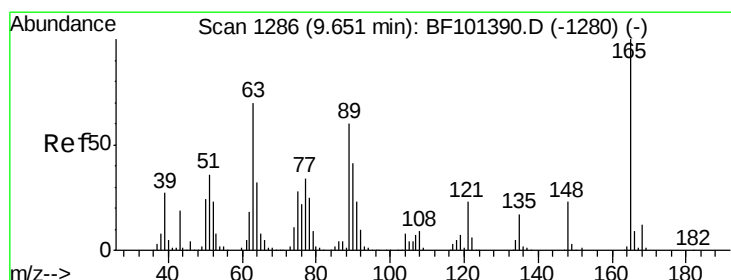
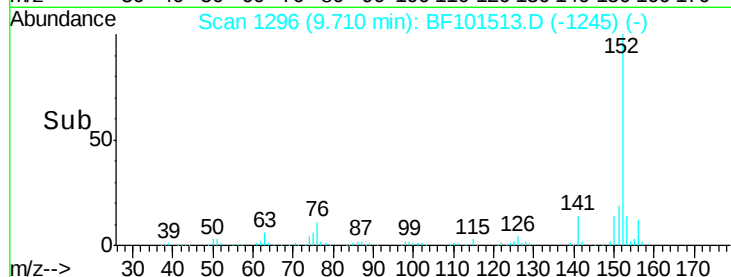
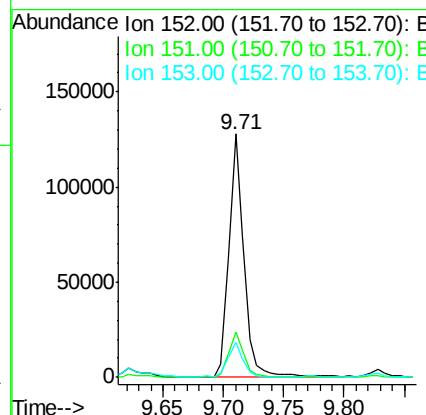
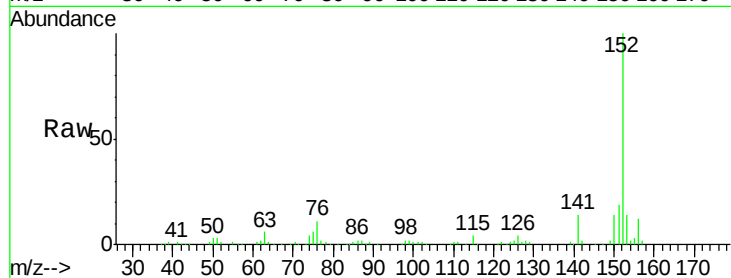




#48
Acenaphthylene
Concen: 6.077 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

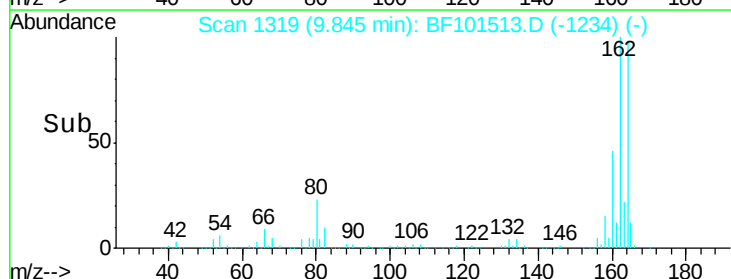
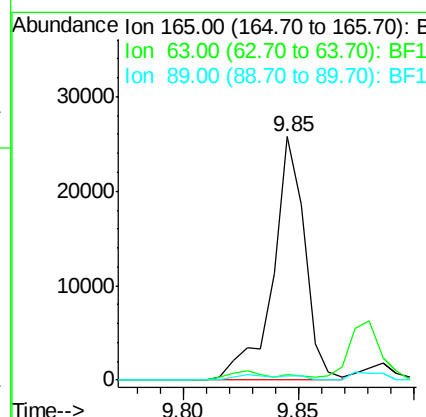
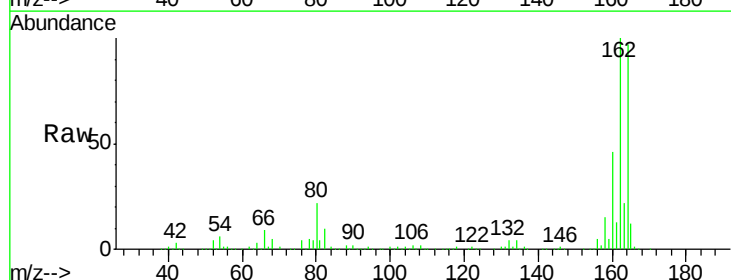
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BNA_F
ClientSampleId :
CL-02-121417-BDL

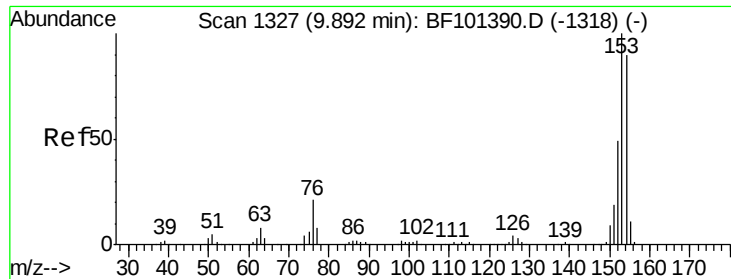
Tgt Ion:152 Resp: 111027
Ion Ratio Lower Upper
152 100
151 18.6 16.3 24.5
153 14.4 10.7 16.1



#50
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Tgt Ion:165 Resp: 24651
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 1.7 44.0 66.0#





#51

Acenaphthene

Concen: 5.816 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

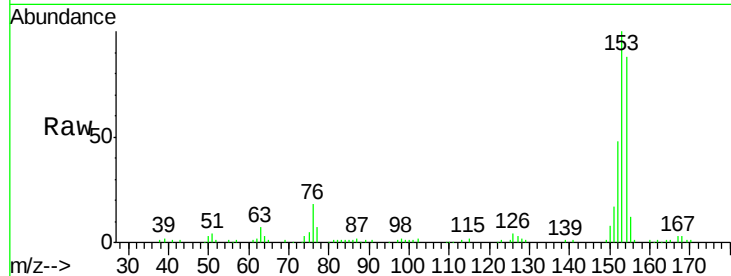
Tgt Ion:154 Resp: 63832

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

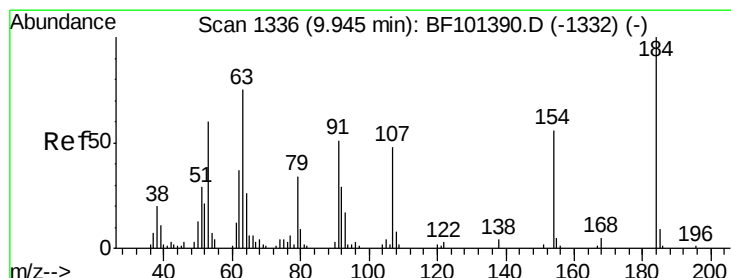
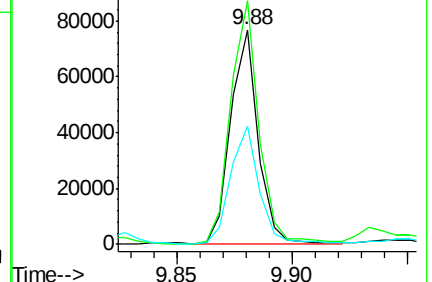
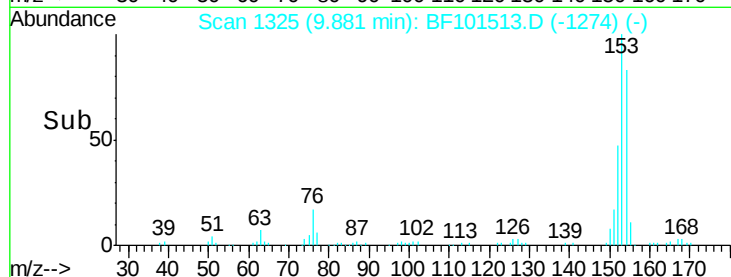
152 54.8 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 10.420 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.27 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

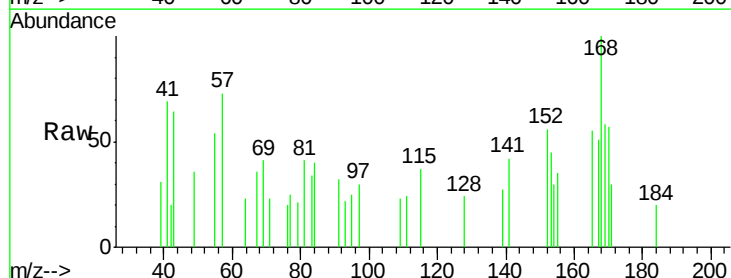
Tgt Ion:184 Resp: 111

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

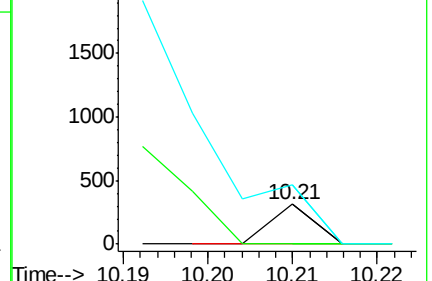
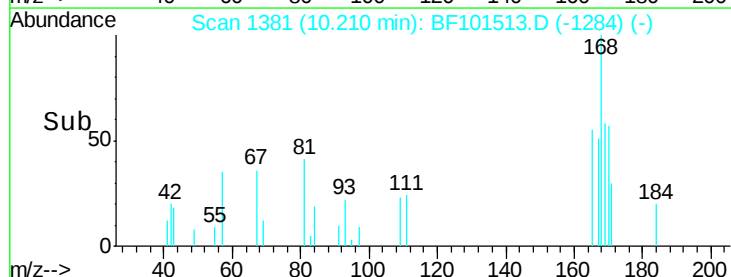
154 147.1 184.0 276.0#

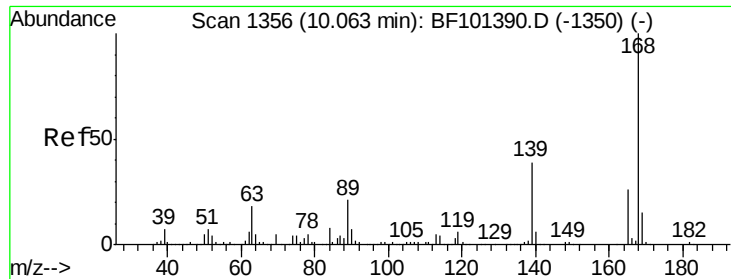


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 5.587 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

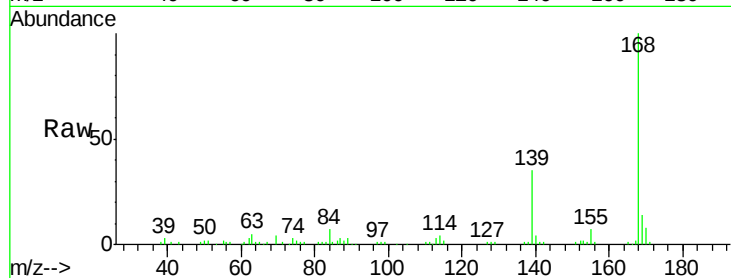
Tgt Ion:168 Resp: 77935

Ion Ratio Lower Upper

168 100

139 35.2 30.1 45.1

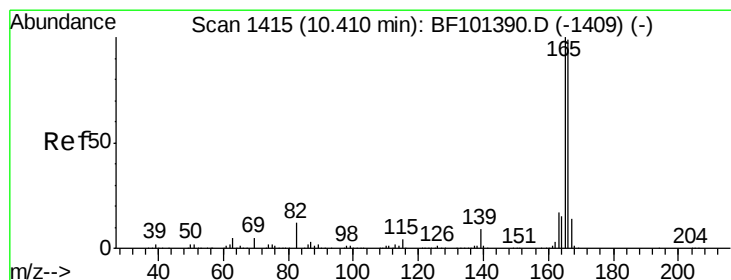
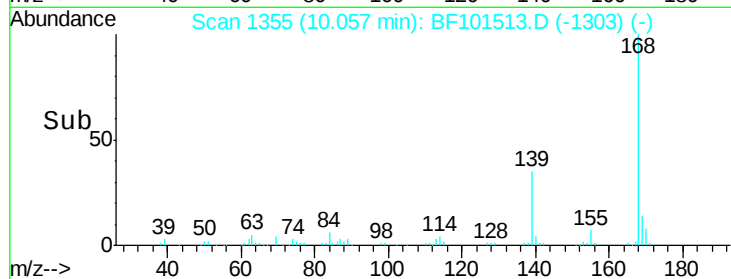
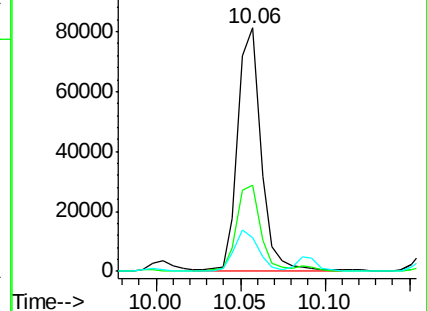
169 14.0 10.9 16.3



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: 14.596 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

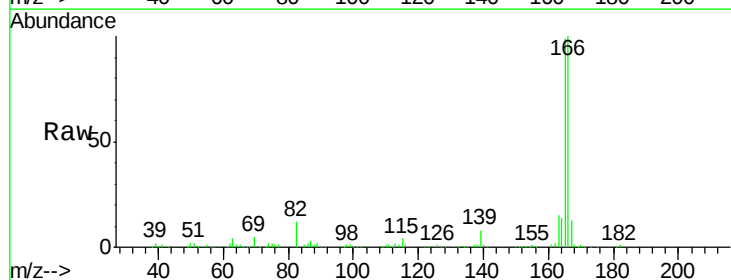
Tgt Ion:166 Resp: 172234

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

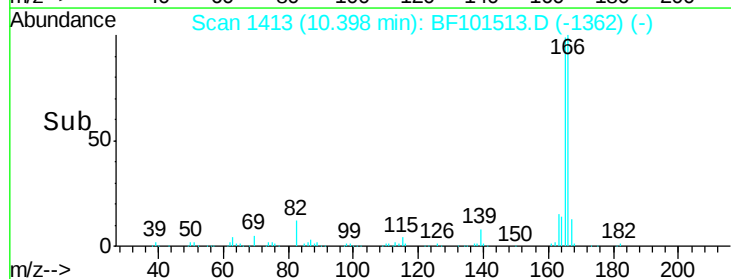
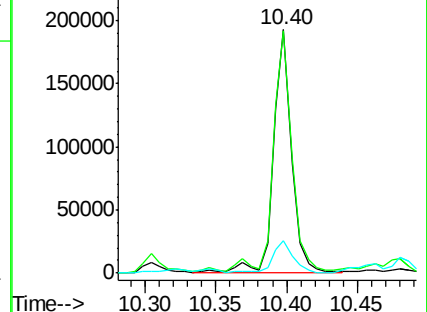
167 13.4 10.6 16.0

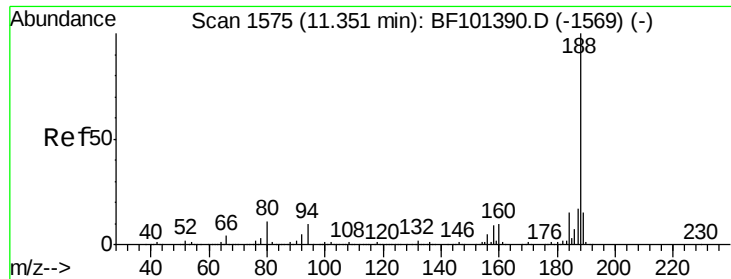


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

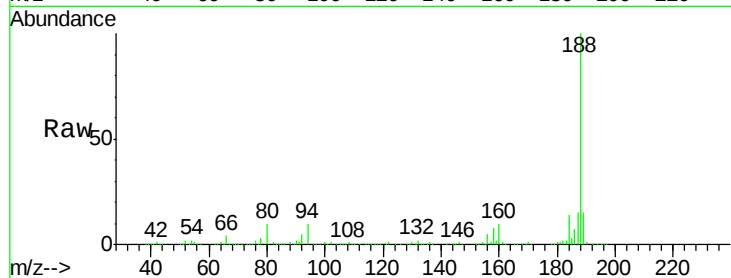




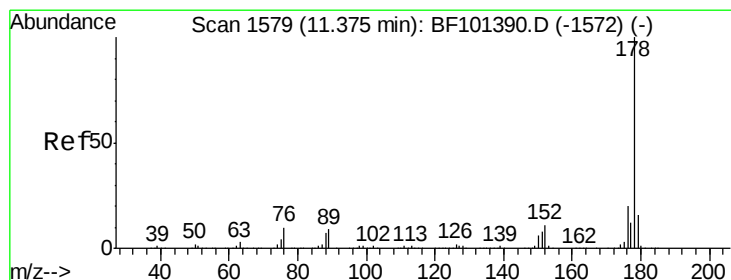
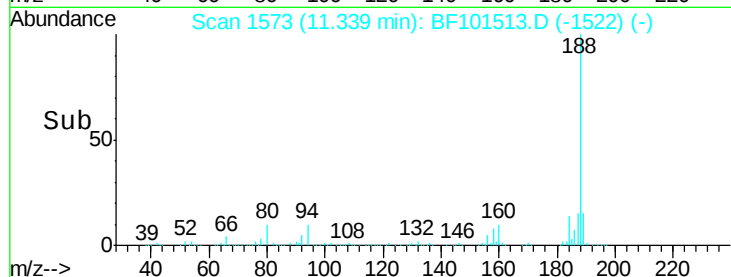
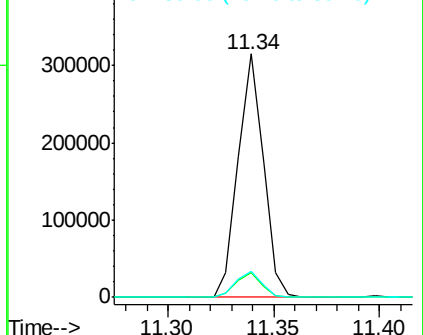
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Instrument :
BNA_F
ClientSampleId :
CL-02-121417-BDL

Tgt Ion:188 Resp: 262054
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.5 9.2 13.8

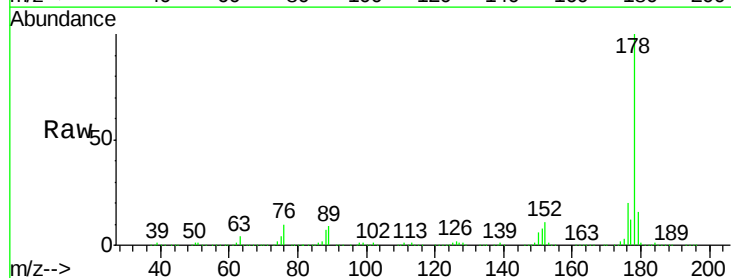


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

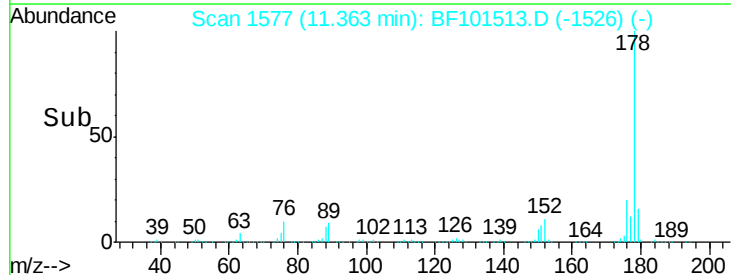
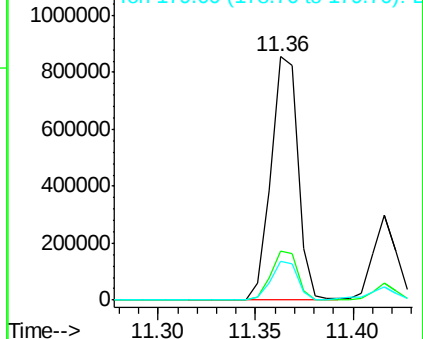


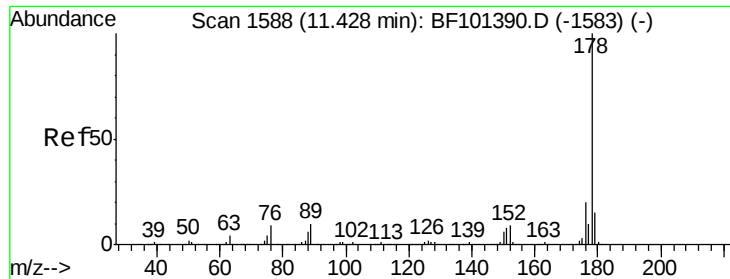
#70
Phenanthrene
Concen: 56.598 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Tgt Ion:178 Resp: 824813
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.8 13.0 19.6



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

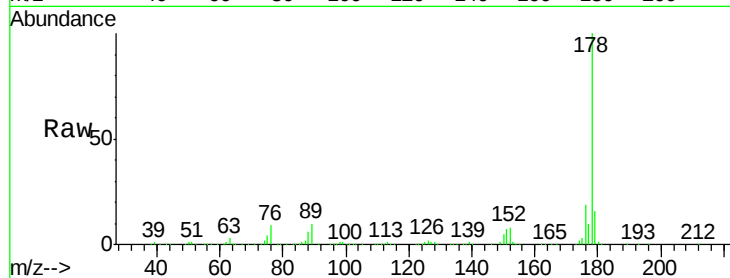




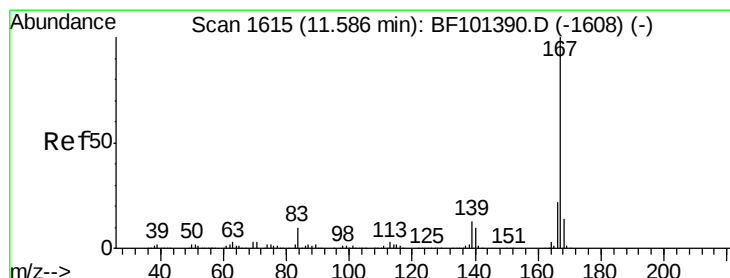
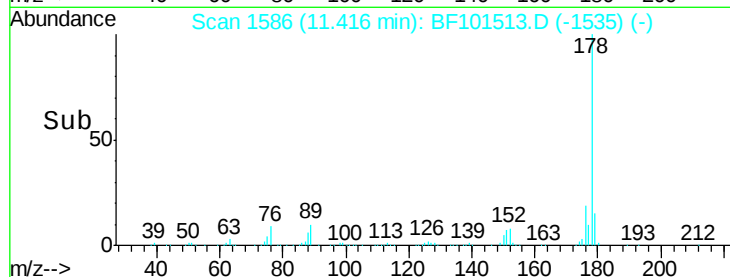
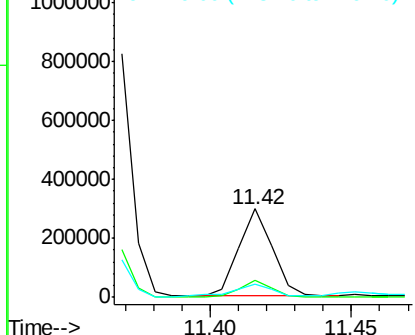
#71
 Anthracene
 Concen: 16.422 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-BDL

Tgt Ion:178 Resp: 244454
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

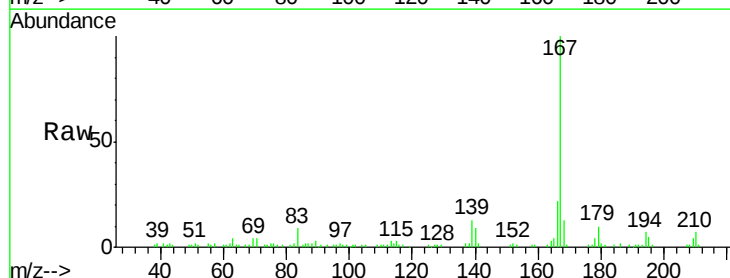


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

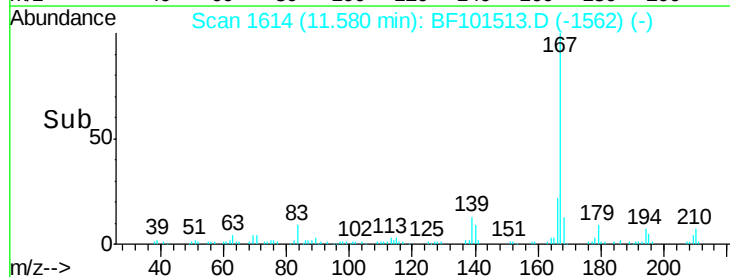
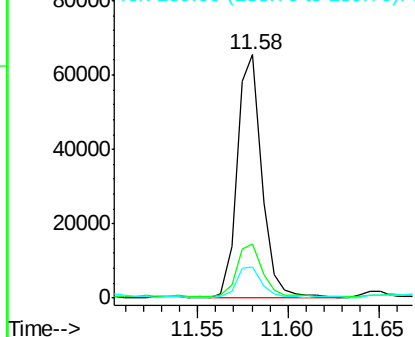


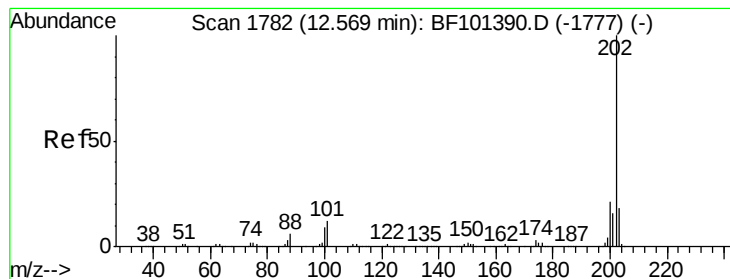
#72
 Carbazole
 Concen: 4.470 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Tgt Ion:167 Resp: 62295
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 53.596 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

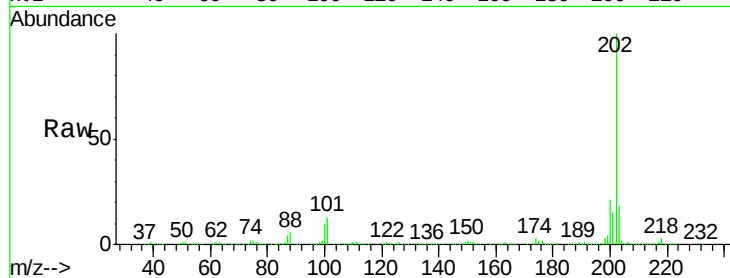
Tgt Ion:202 Resp: 819845

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

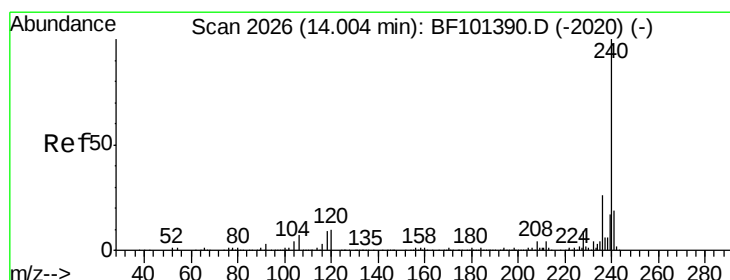
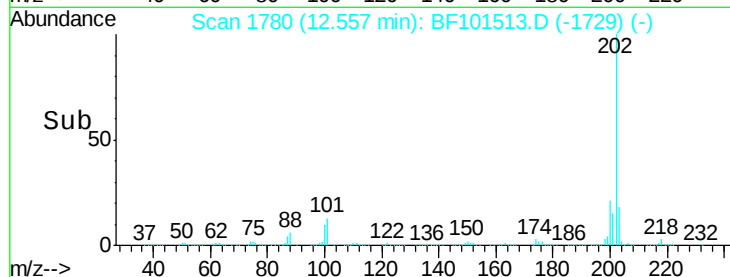
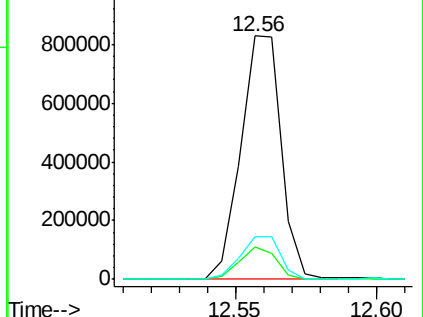
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

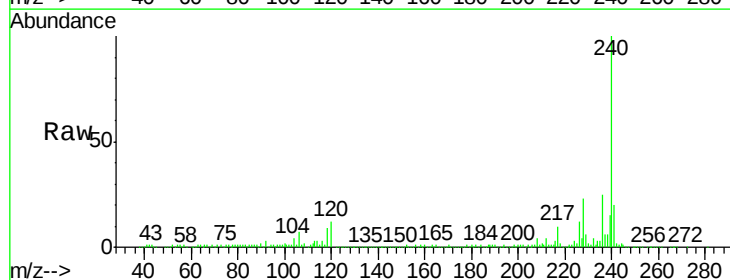
Tgt Ion:240 Resp: 276430

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

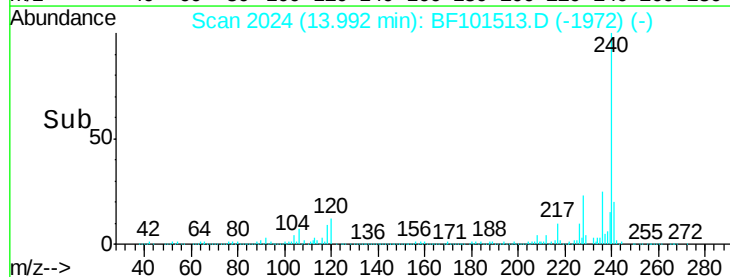
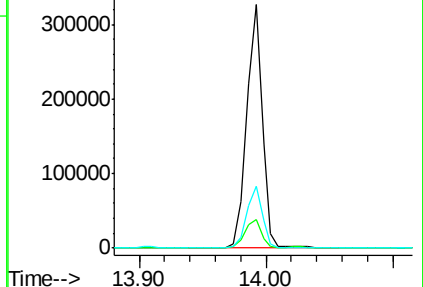
236 25.3 20.7 31.1

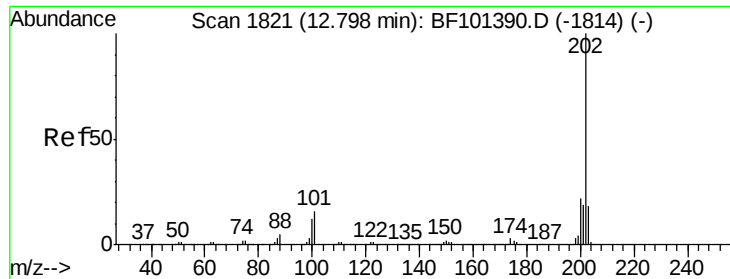


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

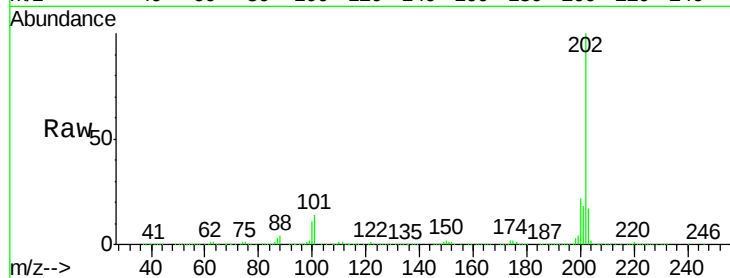




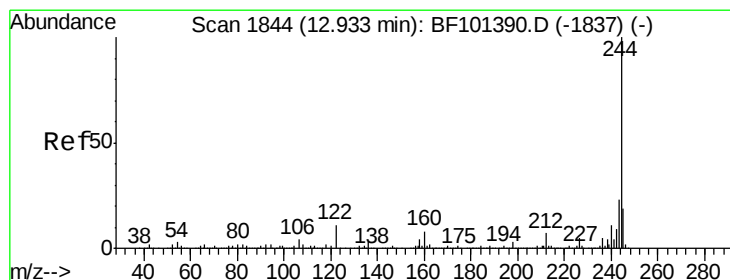
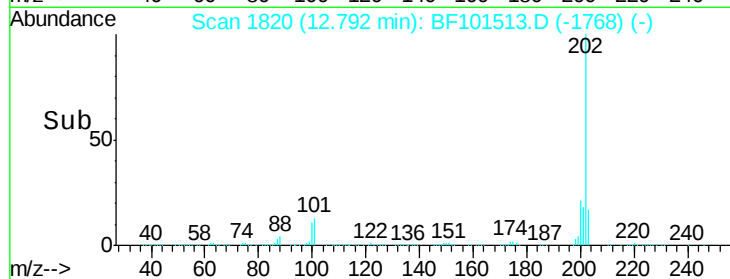
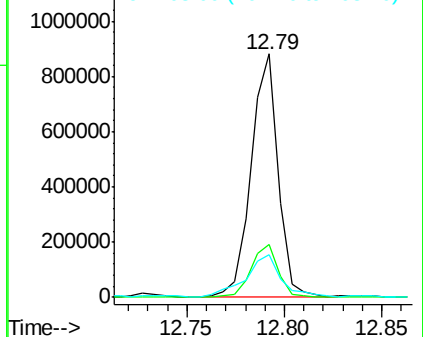
#77
 Pyrene
 Concen: 40.551 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-BDL

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.3	21.5

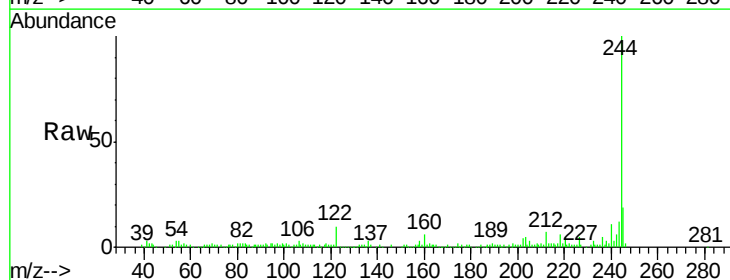


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

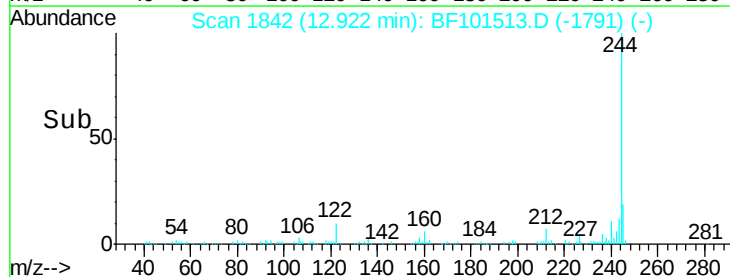
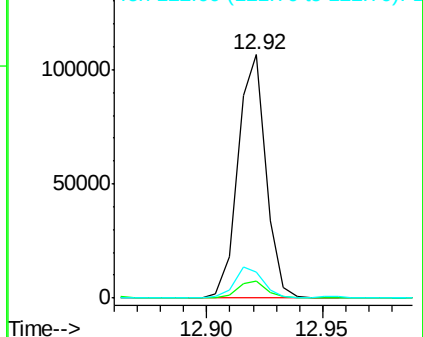


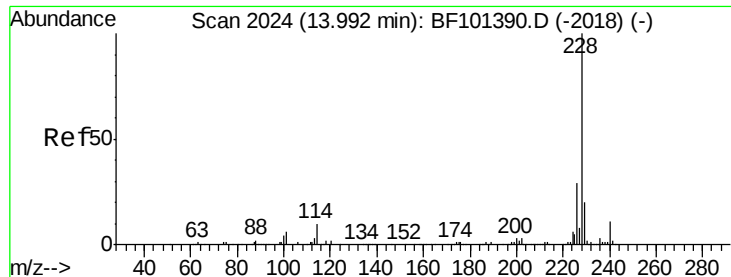
#78
 Terphenyl-d14
 Concen: 7.821 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.5	11.0	16.4



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: 25.256 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

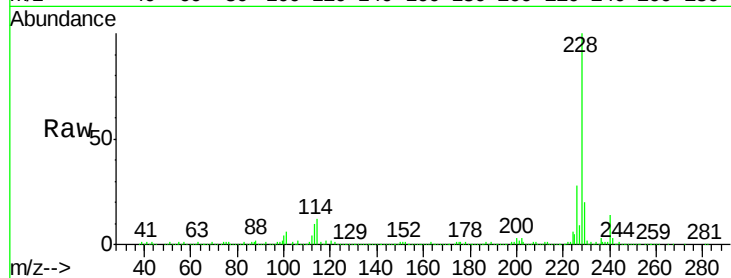
Tgt Ion:228 Resp: 461005

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

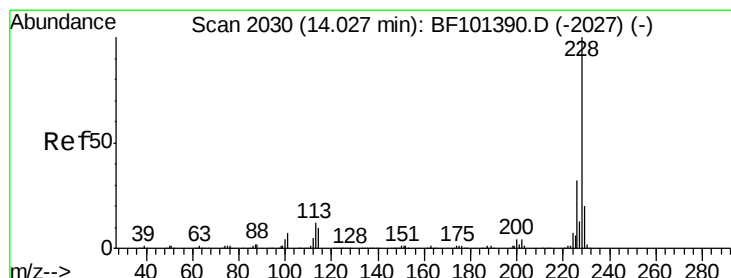
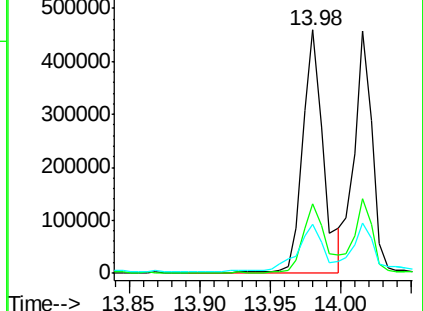
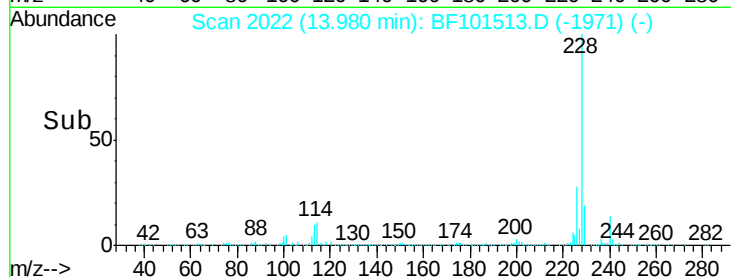
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 23.461 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

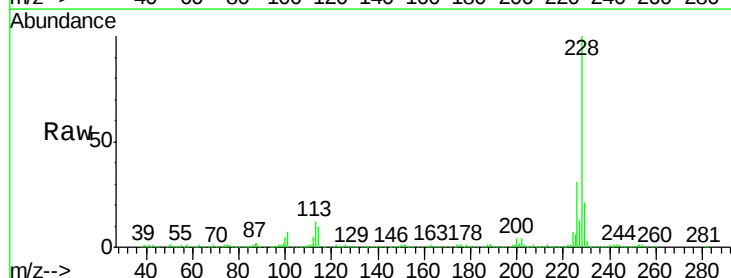
Tgt Ion:228 Resp: 404330

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

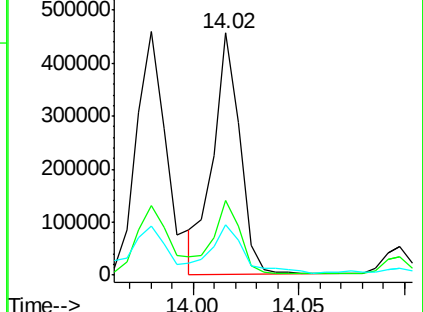
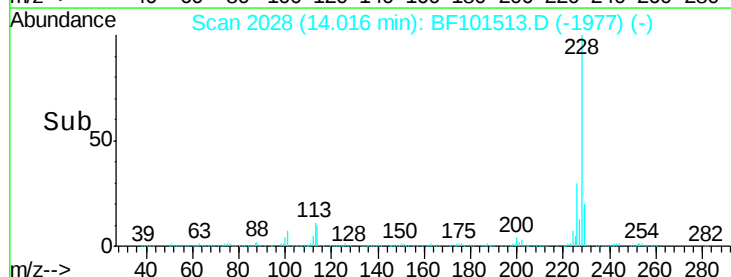
229 21.0 16.2 24.4

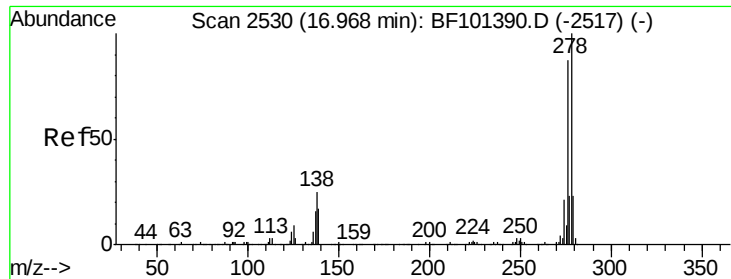


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

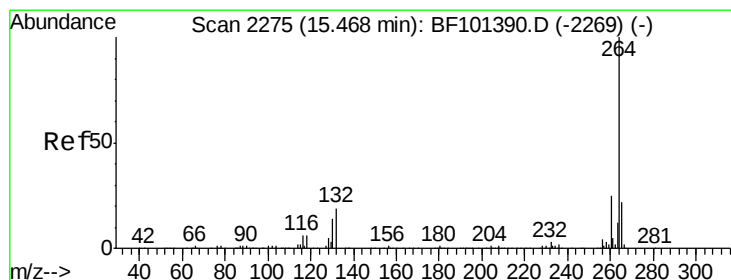
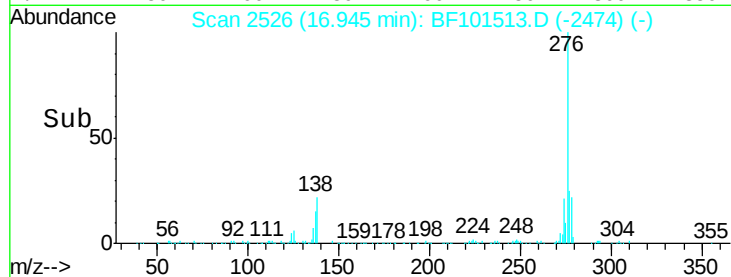
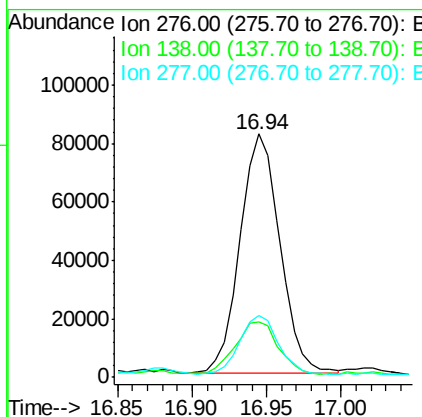
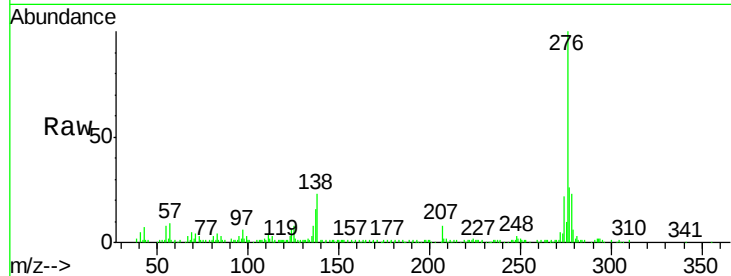




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.911 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

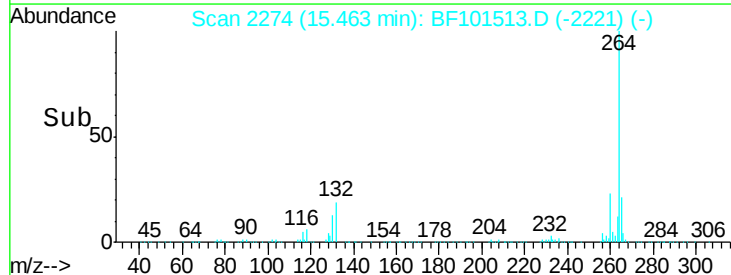
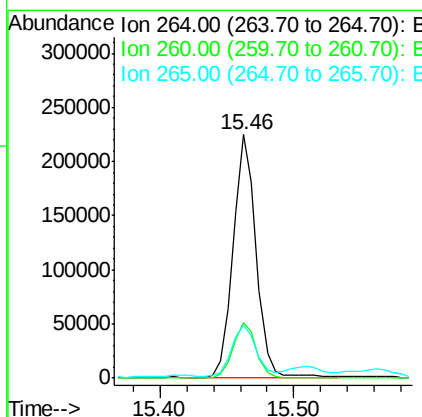
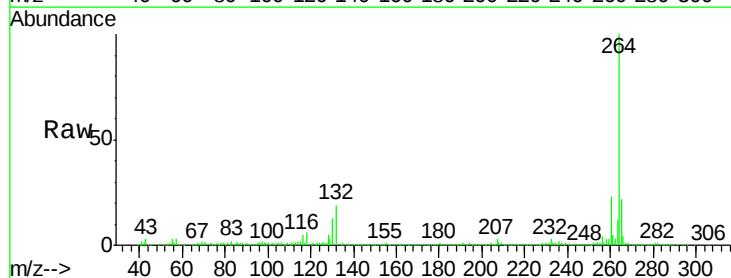
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-121417-BDL

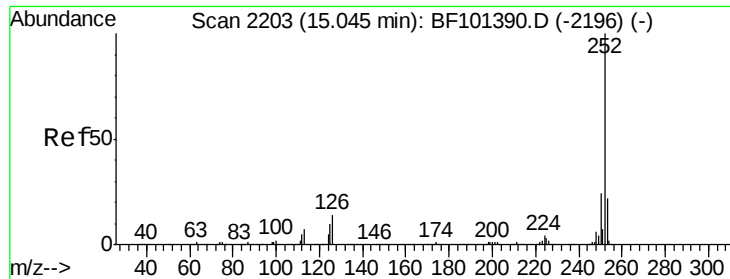
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	25.0	37.6#
277	24.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101513.D
 Acq: 19 Dec 2017 8:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	17.5	26.3

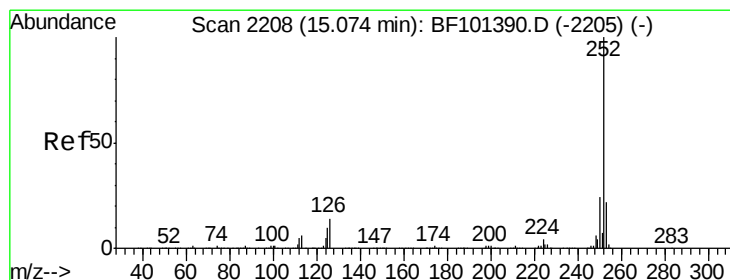
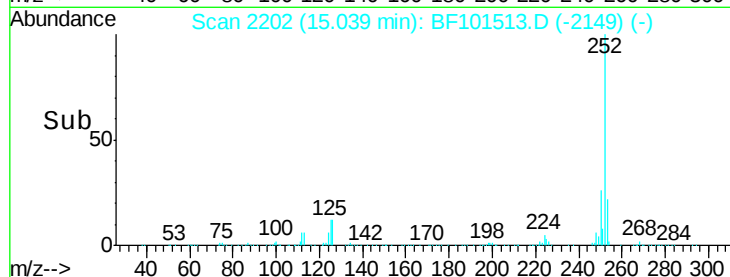
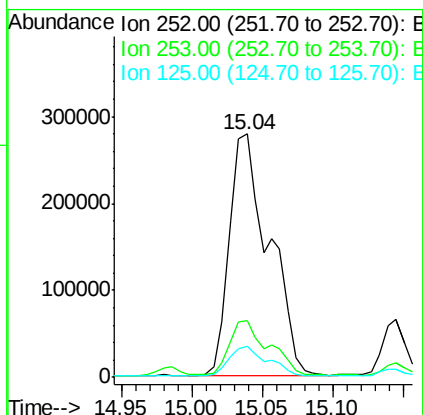
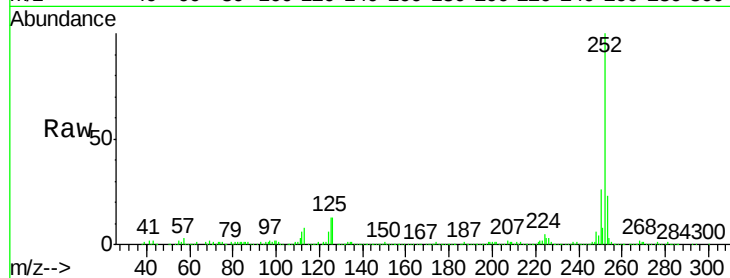




#87
Benzo(b)fluoranthene
Concen: 33.640 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

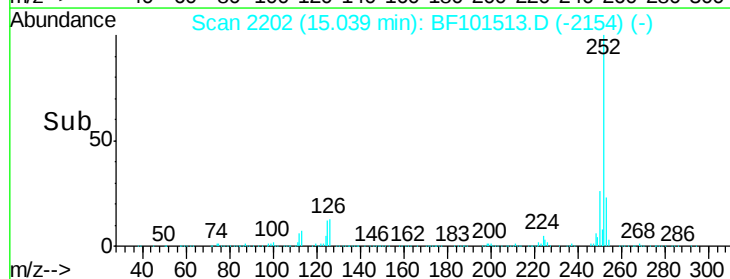
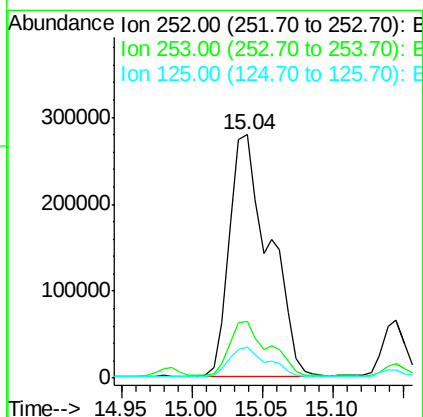
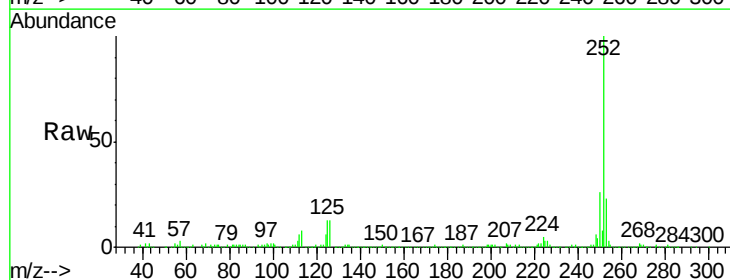
Instrument :
BNA_F
ClientSampleId :
CL-02-121417-BDL

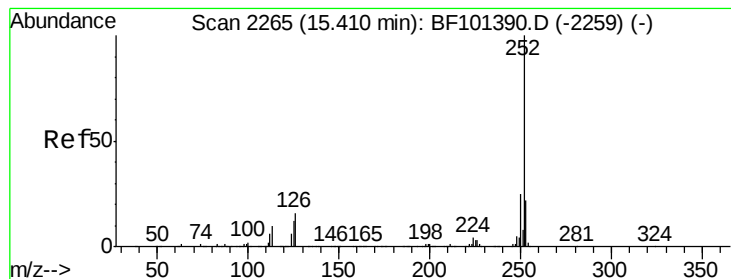
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.7	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 34.599 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF101513.D
Acq: 19 Dec 2017 8:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 21.568 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL

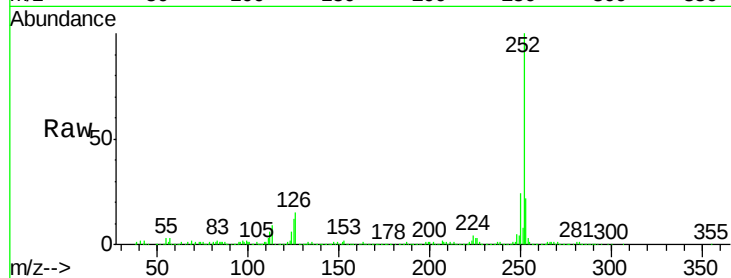
Tgt Ion:252 Resp: 325209

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

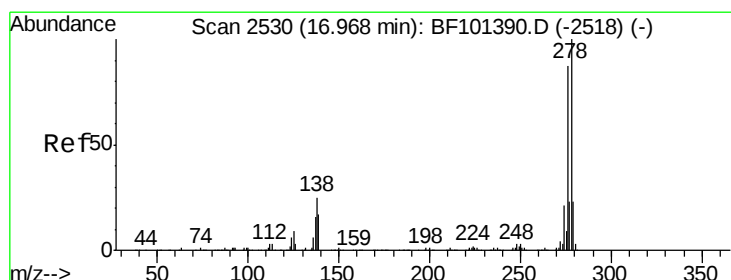
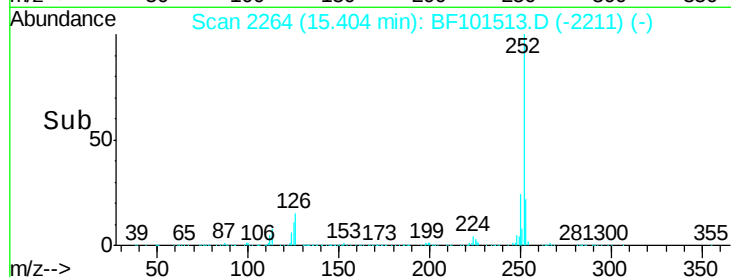
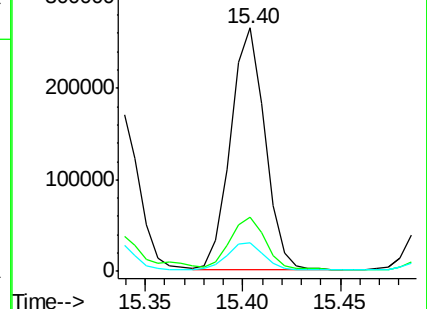
125 11.6 9.8 14.6



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: 2.705 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.17 min

Lab File: BF101513.D

Acq: 19 Dec 2017 8:42

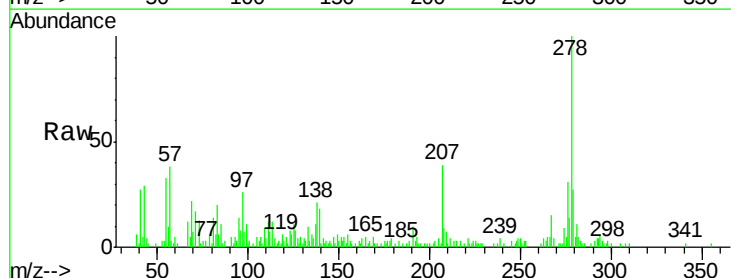
Tgt Ion:278 Resp: 35022

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

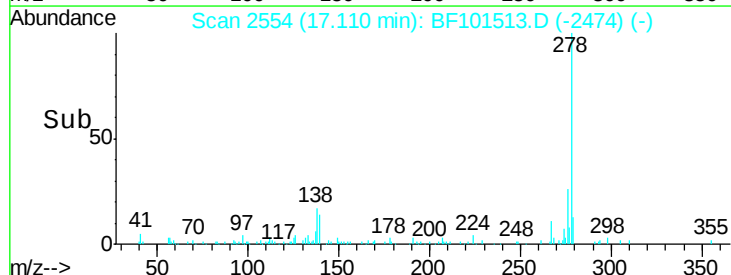
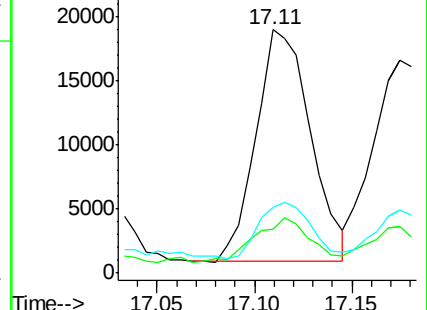
279 27.0 19.0 28.4

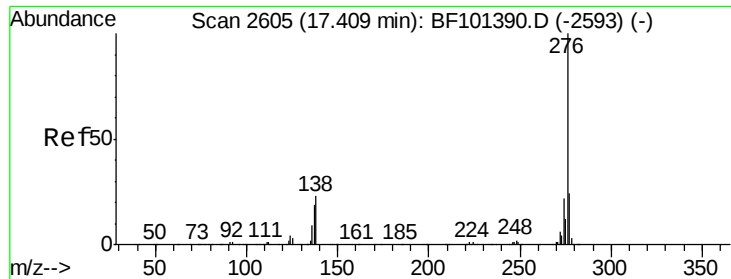


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.104 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.02 min

Lab File: BF101513.D

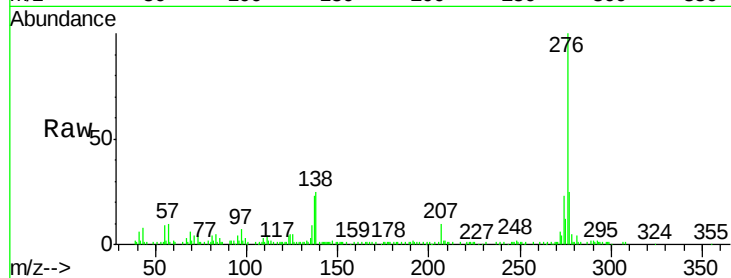
Acq: 19 Dec 2017 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-121417-BDL



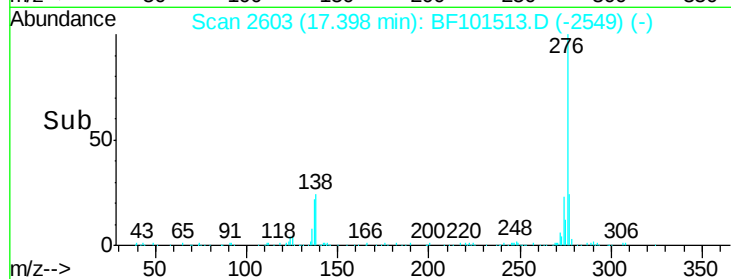
Tgt Ion: 276 Resp: 142345

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 25.0 21.8 32.8



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

