

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097748.D
 Acq On : 16 Aug 2017 19:36
 Operator : SJ/JU
 Sample : I4798-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

Quant Time: Aug 17 01:24:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130581	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	463012	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	161505	20.00	ng	0.01
63) Phenanthrene-d10	11.33	188	213910	20.00	ng	0.03
75) Chrysene-d12	14.04	240	47911	20.00	ng	0.10
86) Perylene-d12	15.48	264	129075	20.00	ng	0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	648554	75.55	ng	0.00
7) Phenol-d6	6.41	99	1201420	103.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	725821	85.16	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	39611	28.27	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	953267	86.72	ng	0.00
78) Terphenyl-d14	12.96	244	162443	70.70	ng	0.06

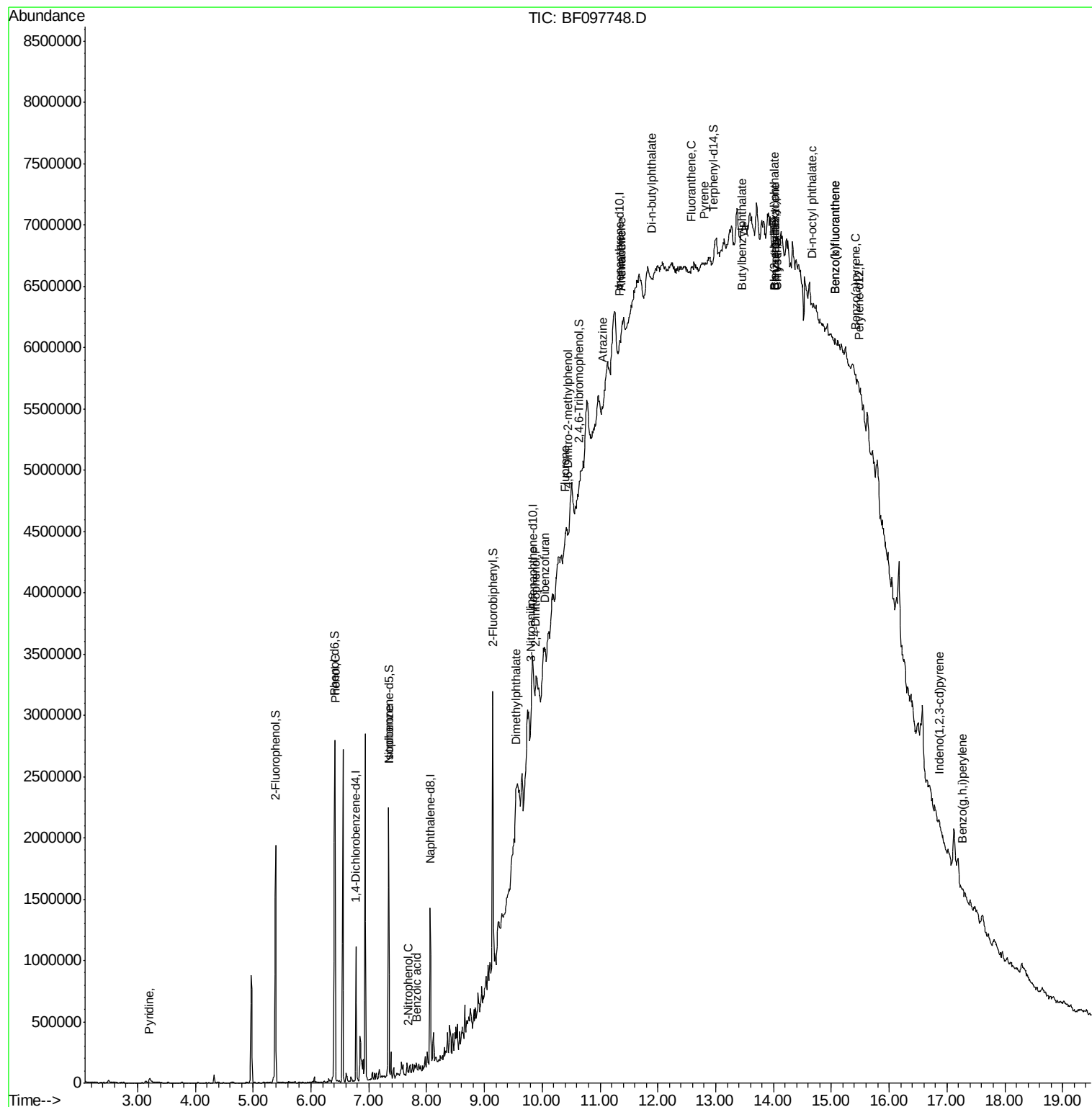
Target Compounds						Qvalue
3) Pyridine	3.20	79	33628	2.54	ng	86
10) Phenol	6.42	94	33635	2.47	ng	99
25) Isophorone	7.35	82	723705	40.84	ng	# 67
26) 2-Nitrophenol	7.69	139	180	5.30	ng	# 1
32) Benzoic acid	7.84	122	781	6.53	ng	# 1
49) Dimethylphthalate	9.54	163	120361	10.20	ng	# 87
52) 3-Nitroaniline	9.80	138	6977	2.29	ng	# 30
53) 2,4-Dinitrophenol	9.87	184	235	10.32	ng	# 1
54) Dibenzofuran	10.05	168	34528	2.39	ng	# 25
57) Fluorene	10.39	166	33466	3.00	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.45	198	396	8.65	ng	# 1
68) Atrazine	11.05	200	17313	8.96	ng	# 1
70) Phenanthrene	11.36	178	189899	16.66	ng	# 68
71) Anthracene	11.36	178	189899	16.43	ng	# 67
73) Di-n-butylphthalate	11.90	149	76113	6.02	ng	# 62
74) Fluoranthene	12.57	202	98203	8.25	ng	# 65
77) Pyrene	12.81	202	61928	15.80	ng	# 62
79) Butylbenzylphthalate	13.46	149	5158	3.43	ng	# 42
80) Benzo(a)anthracene	14.03	228	29899	10.41	ng	# 69
82) Chrysene	14.06	228	17986	6.30	ng	# 73
83) Bis(2-ethylhexyl)phthalate	14.01	149	74986	45.04	ng	# 78
84) Di-n-octyl phthalate	14.66	149	11672	4.03	ng	# 65
85) Indeno(1,2,3-cd)pyrene	16.86	276	35995	17.13	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	66537	8.18	ng	# 1
88) Benzo(k)fluoranthene	15.07	252	66837	8.74	ng	# 1
89) Benzo(a)pyrene	15.42	252	48037	6.67	ng	# 1
91) Benzo(g,h,i)perylene	17.27	276	34713	5.67	ng	# 72

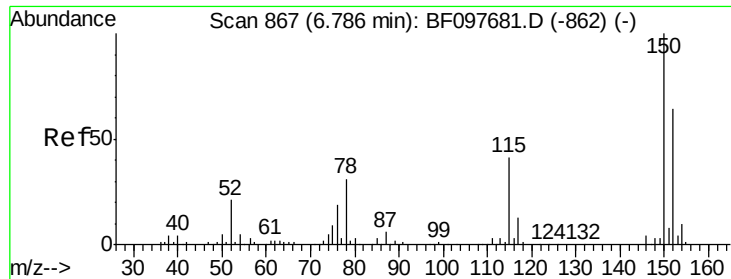
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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ClientSampleId :
DRUM-1-6-COMP

Quant Time: Aug 17 01:24:34 2017
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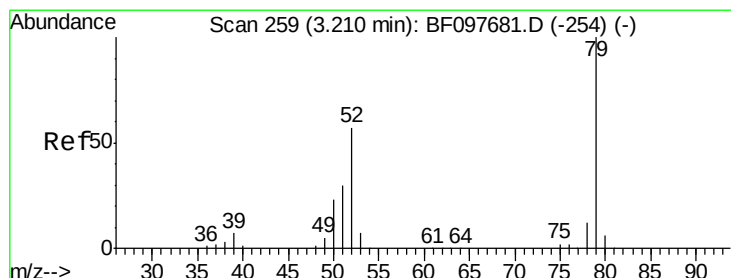
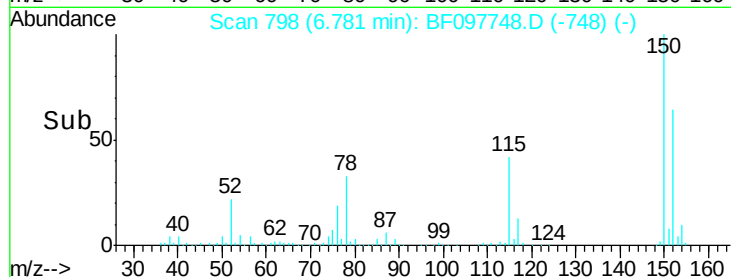
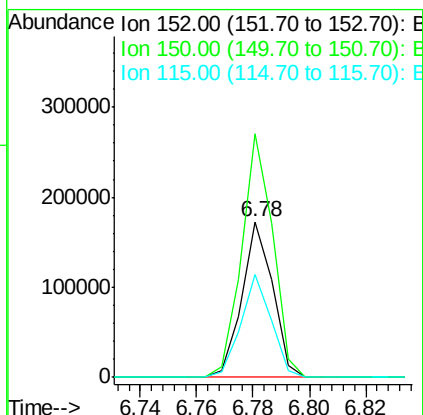
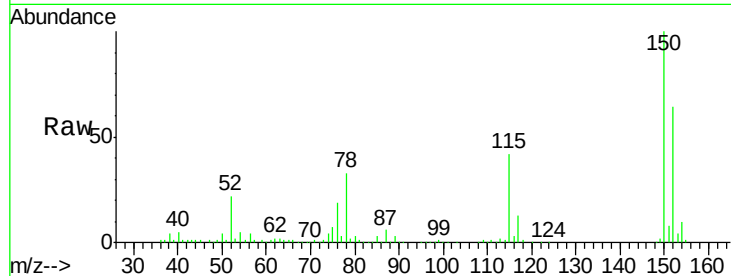


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

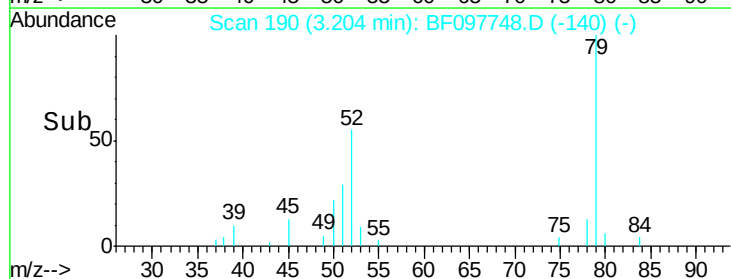
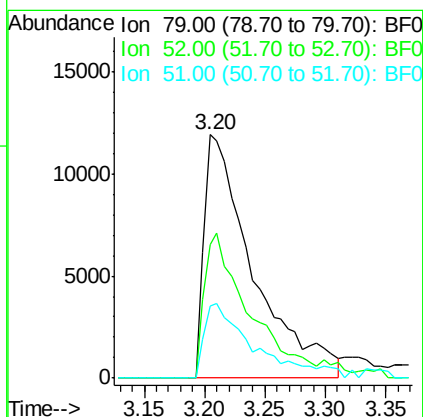
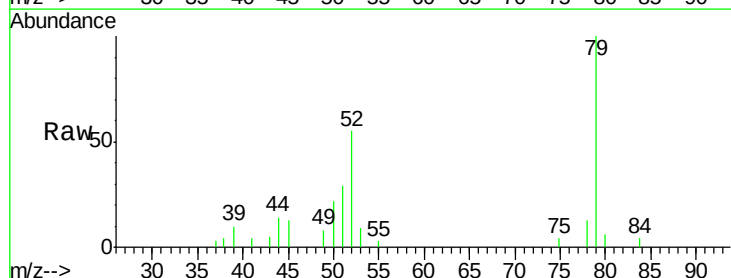
Tot Ion:152 Resp: 130581
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 66.2 52.2 78.2

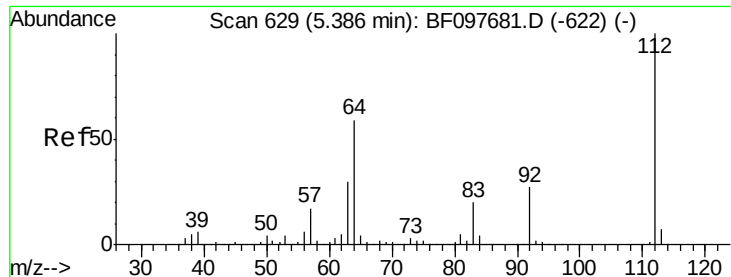


#3

Pyridine
Concen: 2.54 ng
RT: 3.20 min Scan# 190
Delta R.T. -0.01 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion: 79 Resp: 33628
Ion Ratio Lower Upper
79 100
52 55.0 54.8 82.2
51 29.4 27.0 40.4





#5

2-Fluorophenol

Concen: 75.55 ng

RT: 5.39 min Scan# 561

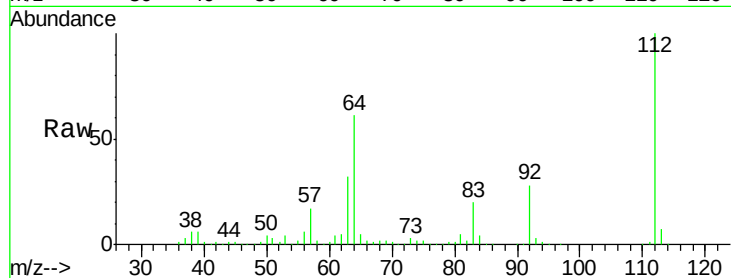
Delta R.T. 0.00 min

Lab File: BF097748.D

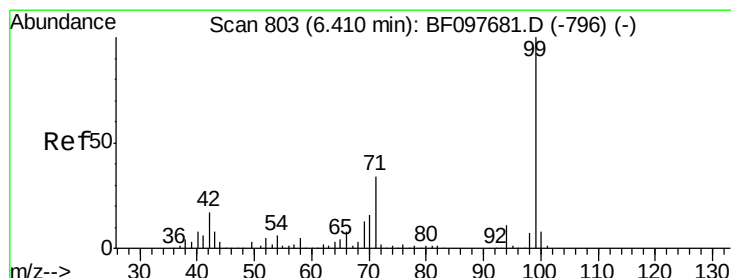
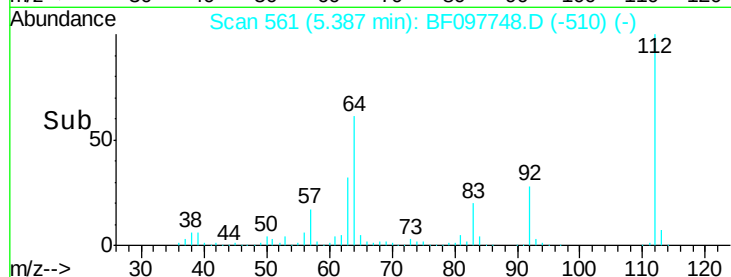
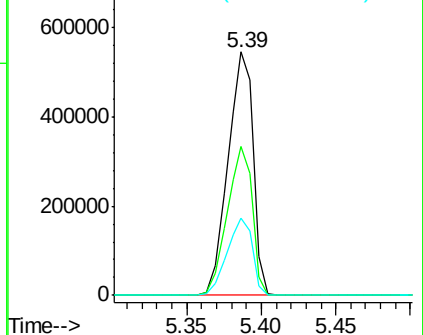
Acq: 16 Aug 2017 19:36

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

Tot Ion:	112	Resp:	648554
Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	32.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 103.00 ng

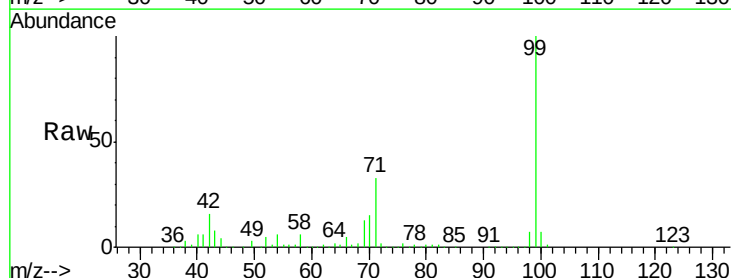
RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

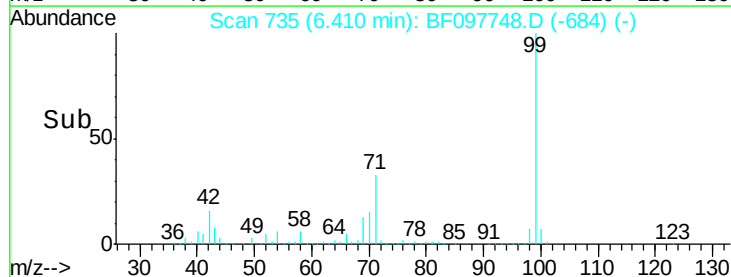
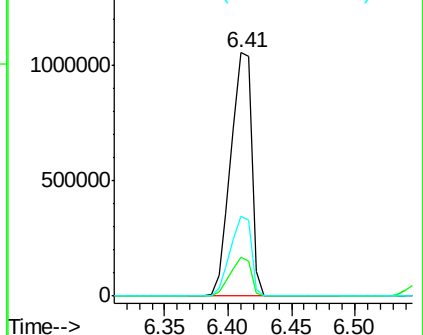
Lab File: BF097748.D

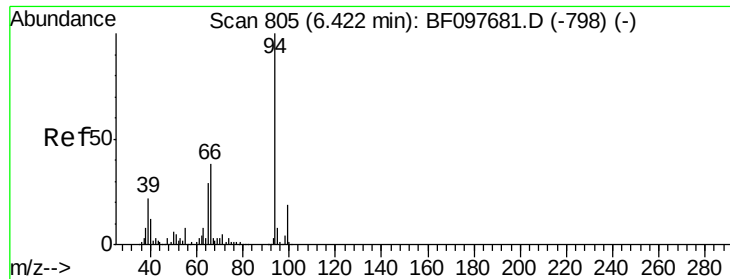
Acq: 16 Aug 2017 19:36

Tgt Ion:	99	Resp:	1201420
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	32.8	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: 2.47 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

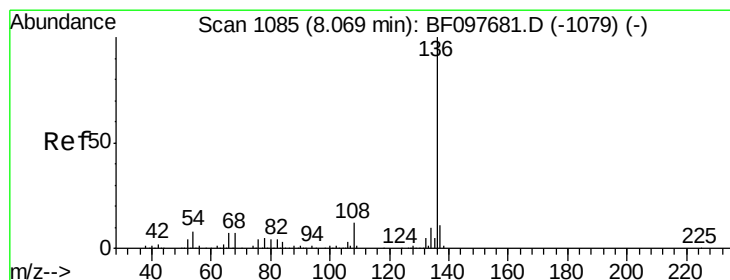
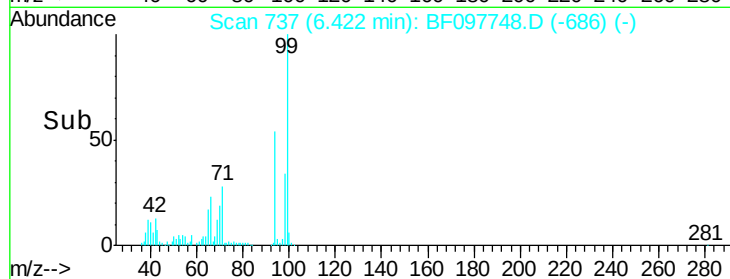
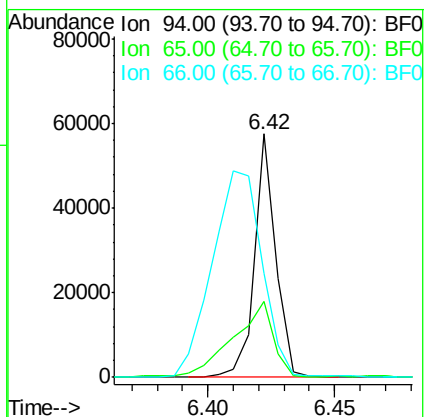
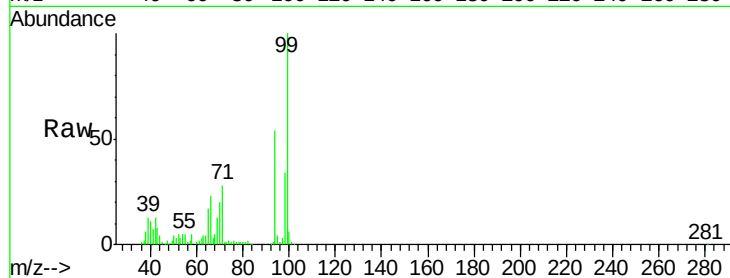
Tot Ion: 94 Resp: 33635

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

66 42.7 23.1 63.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Tgt Ion: 136 Resp: 463012

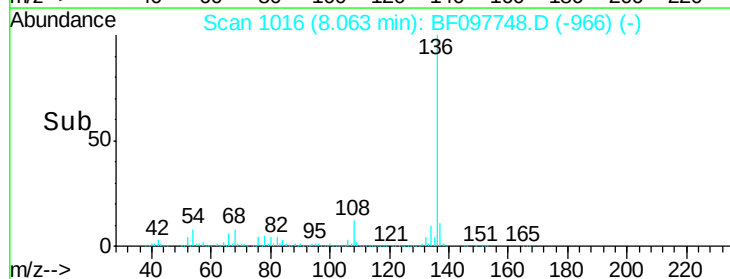
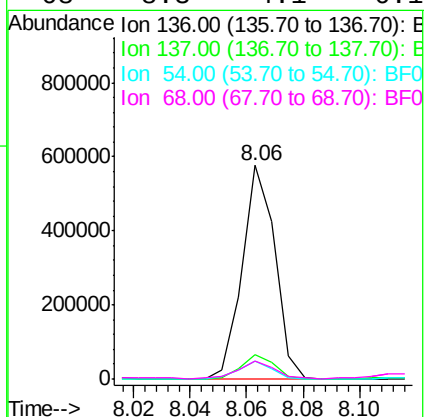
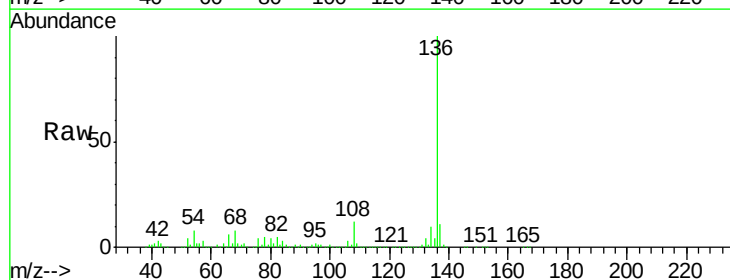
Ion Ratio Lower Upper

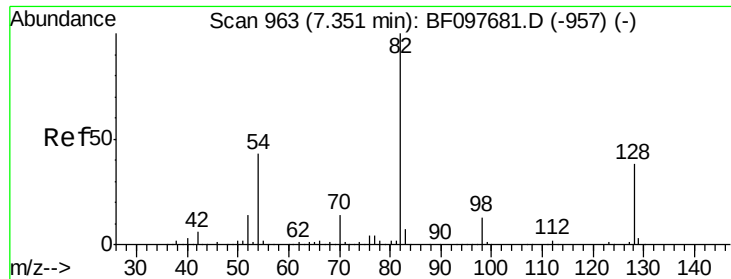
136 100

137 11.2 8.5 12.7

54 8.3 4.9 7.3#

68 8.3 4.1 6.1#

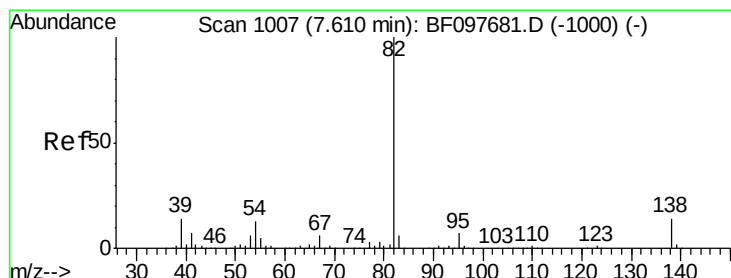
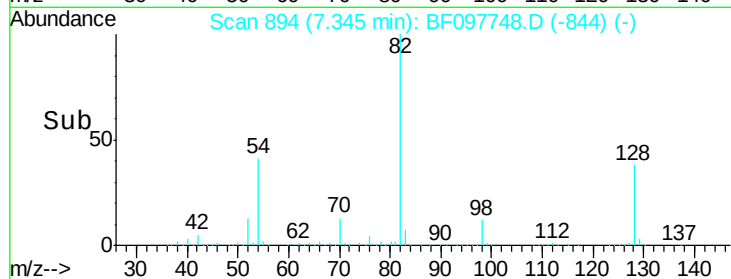
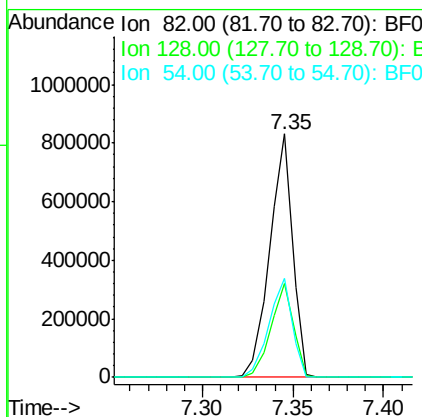
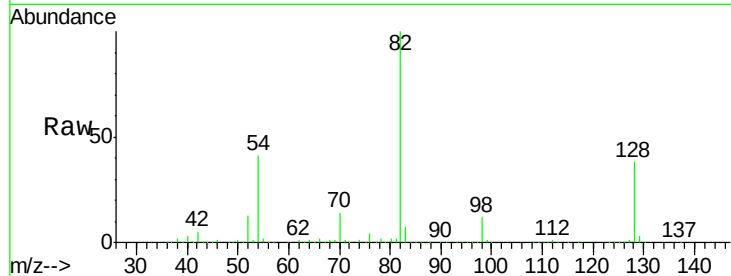




#23
 Nitrobenzene-d5
 Concen: 85.16 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097748.D
 Acq: 16 Aug 2017 19:36

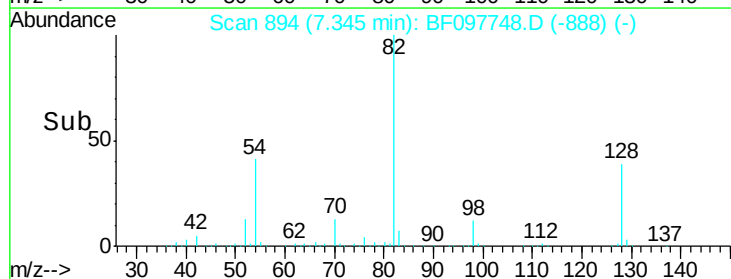
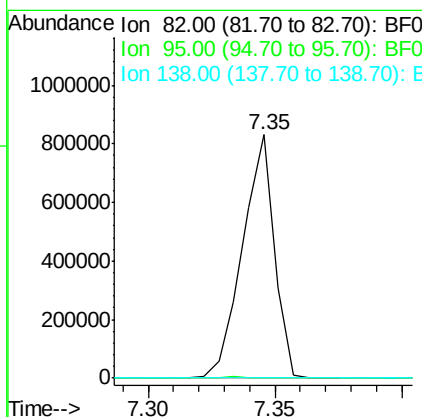
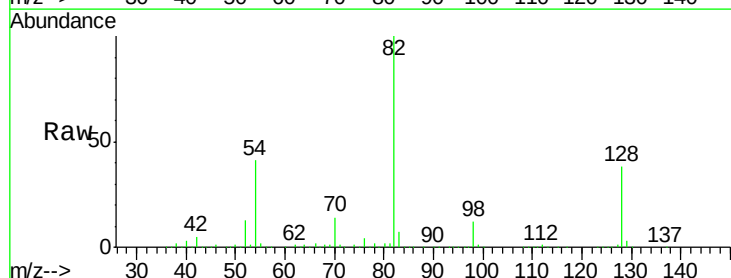
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

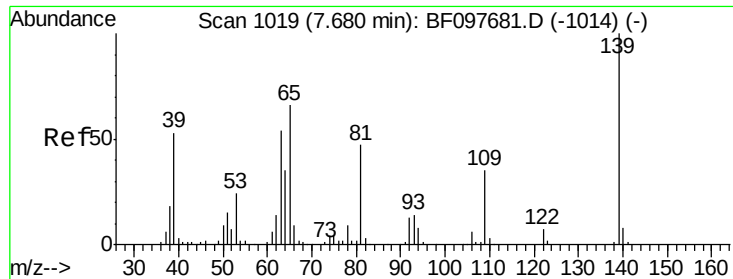
Tot Ion	82	Resp	725821
Ion Ratio	Lower	Upper	
82	100		
128	38.5	34.0	51.0
54	40.7	42.2	63.2#



#25
 Isophorone
 Concen: 40.84 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF097748.D
 Acq: 16 Aug 2017 19:36

Tgt Ion	82	Resp	723705
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.3	7.9#
138	0.0	13.1	19.7#

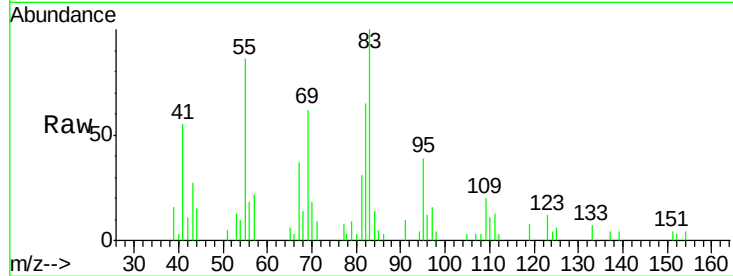




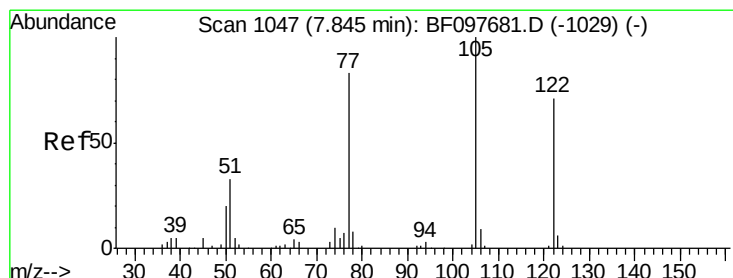
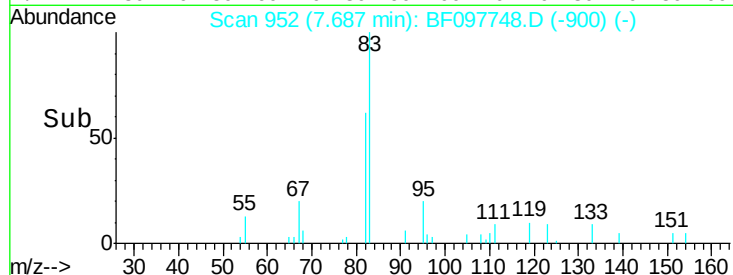
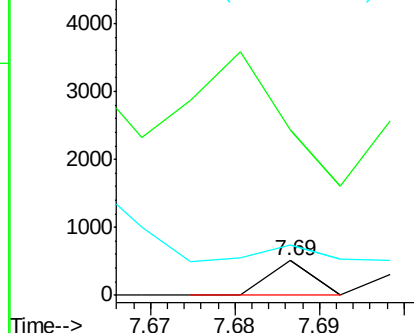
#26
2-Nitrophenol
Concen: 5.30 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

Tot Ion:139 Resp: 180
Ion Ratio Lower Upper
139 100
109 475.3 21.0 31.6#
65 144.2 33.0 49.6#

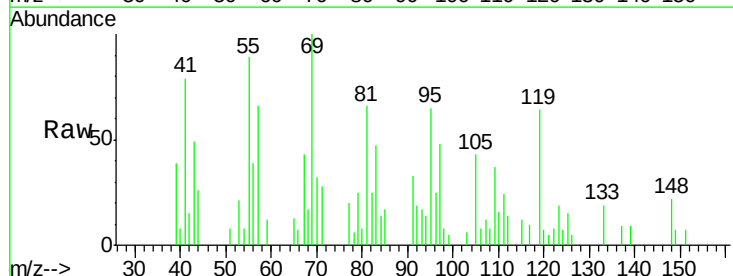


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

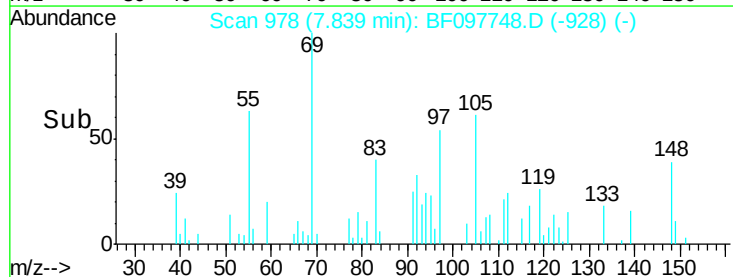
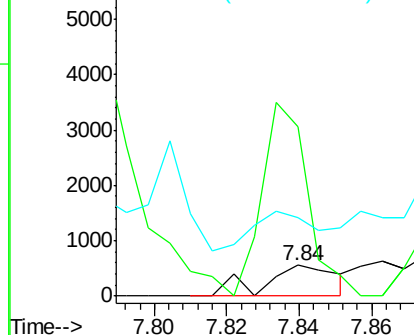


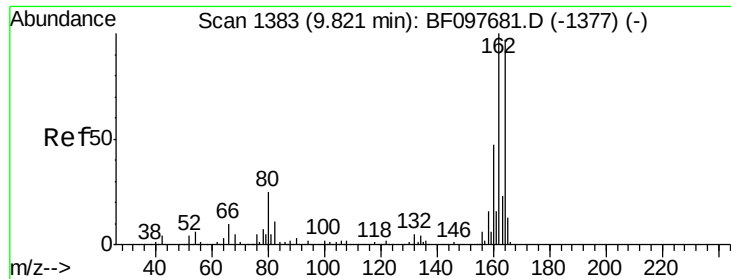
#32
Benzoic acid
Concen: 6.53 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion:122 Resp: 781
Ion Ratio Lower Upper
122 100
105 547.1 103.3 143.3#
77 253.8 73.7 113.7#



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): BF0

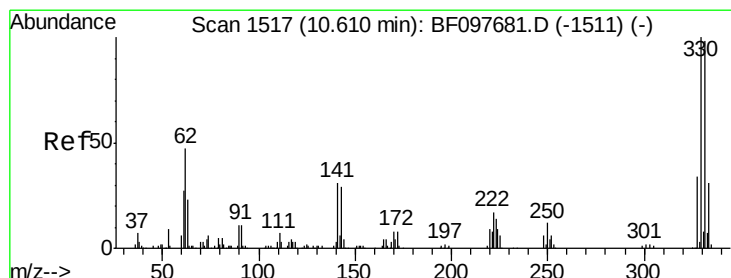
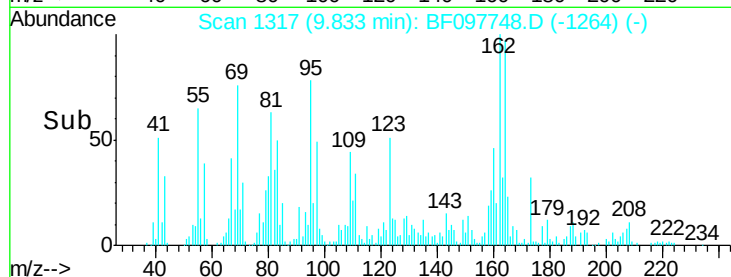
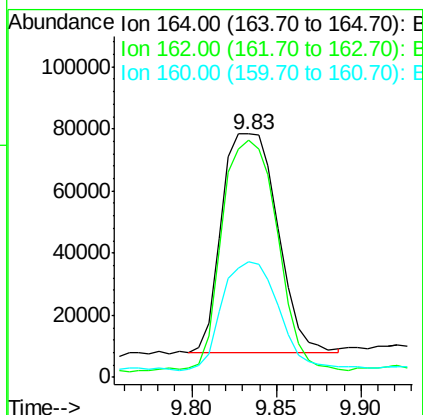
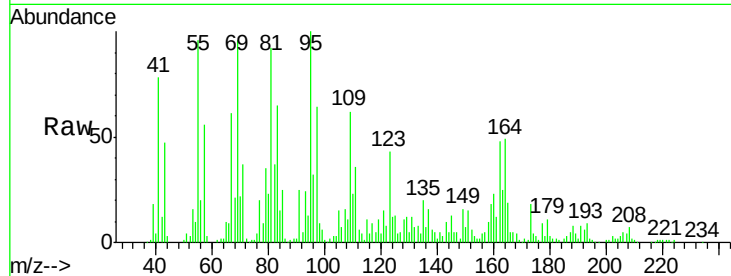




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

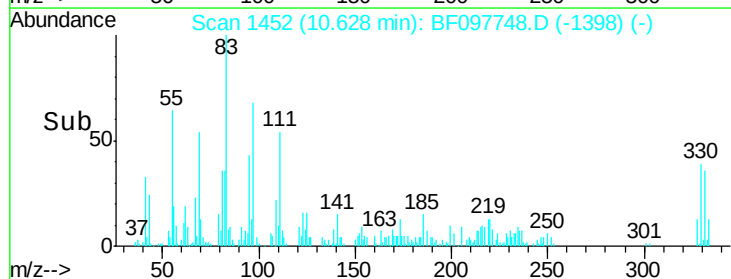
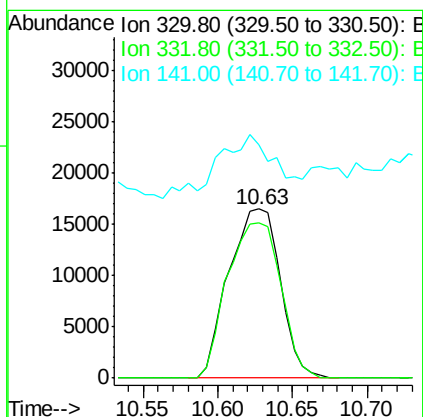
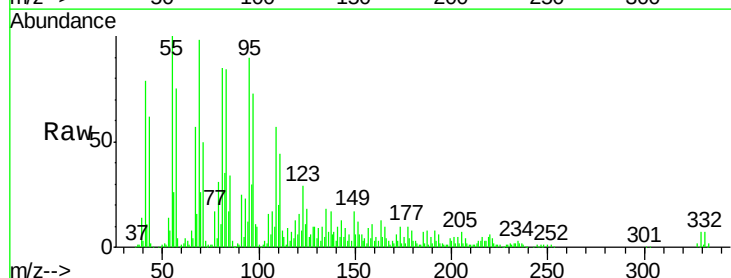
Instrument :
BNA_F
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DRUM-1-6-COMP

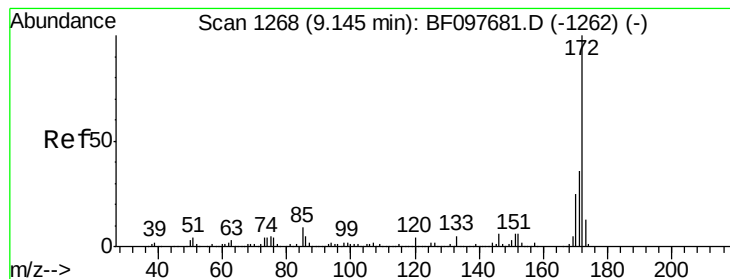
Tot Ion:164 Resp: 161505
Ion Ratio Lower Upper
164 100
162 97.7 82.6 123.8
160 47.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 28.27 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion:330 Resp: 39611
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 42.7 31.4 47.2

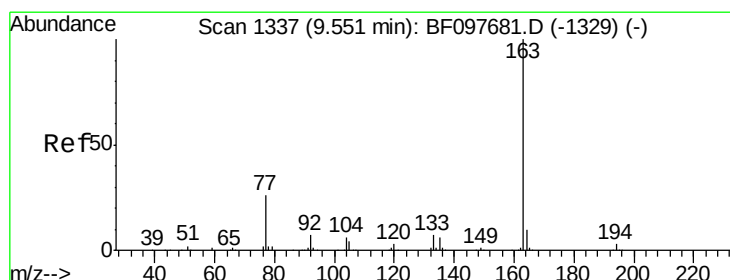
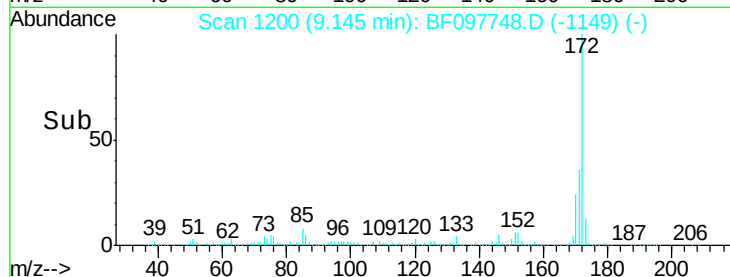
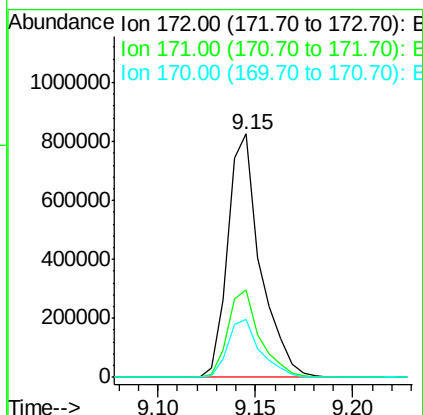
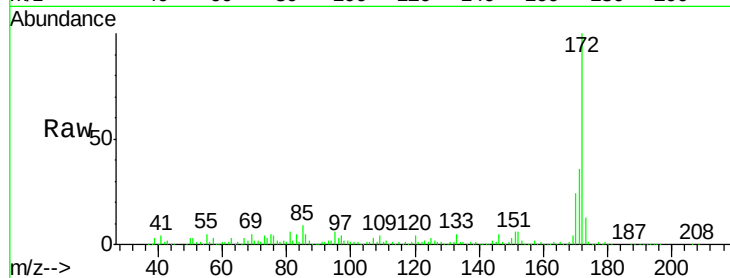




#44
2-Fluorobiphenyl
Concen: 86.72 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

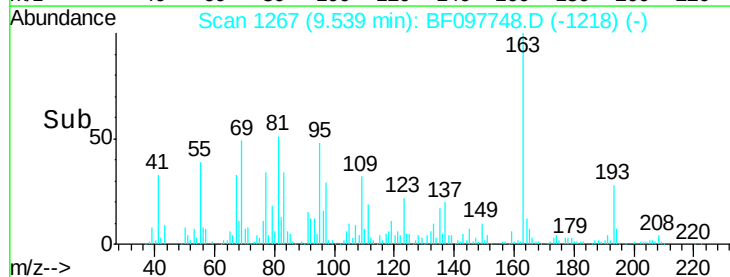
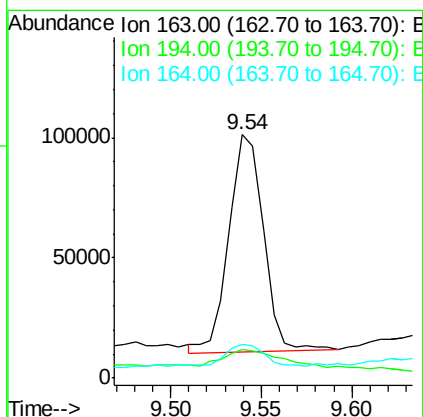
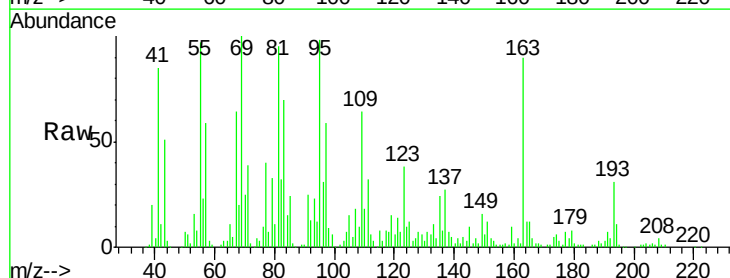
Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

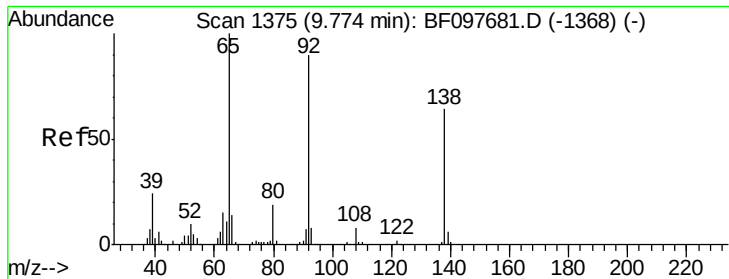
Tot Ion:172 Resp: 953267
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 10.20 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion:163 Resp: 120361
Ion Ratio Lower Upper
163 100
194 11.7 2.6 4.0#
164 13.7 8.4 12.6#





#52

3-Nitroaniline

Concen: 2.29 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.03 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

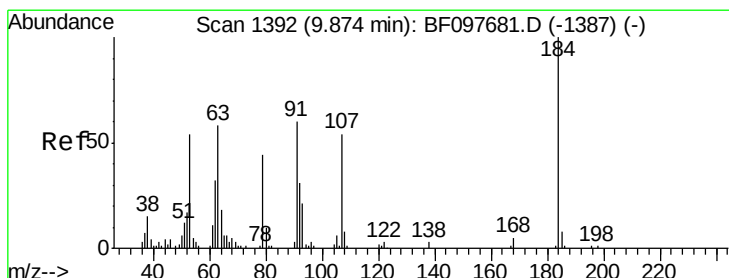
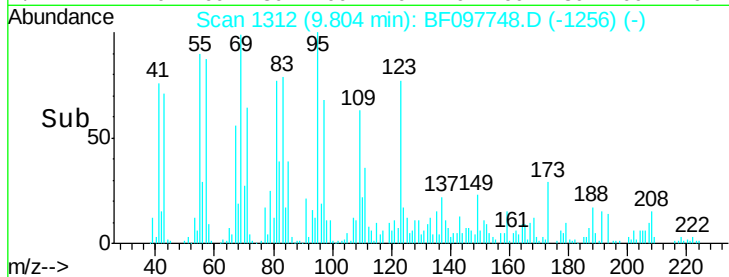
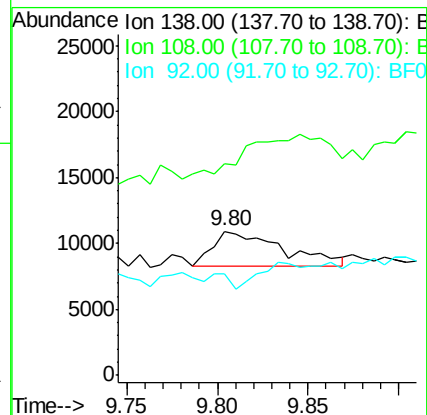
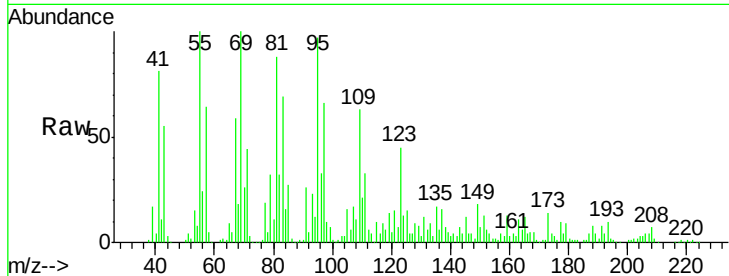
Tot Ion:138 Resp: 6977

Ion Ratio Lower Upper

138 100

108 147.0 9.1 13.7#

92 70.2 93.8 140.6#



#53

2,4-Dinitrophenol

Concen: 10.32 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

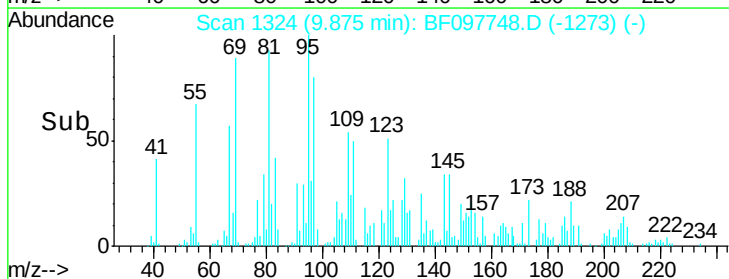
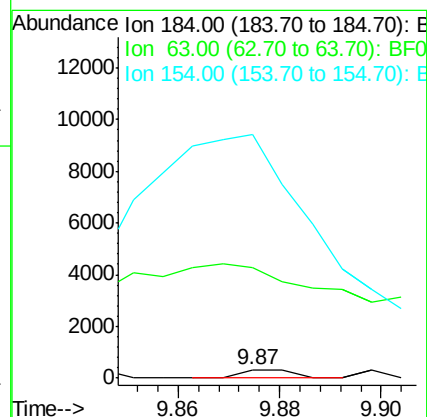
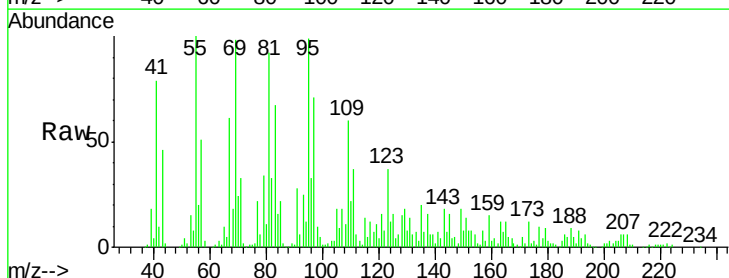
Tgt Ion:184 Resp: 235

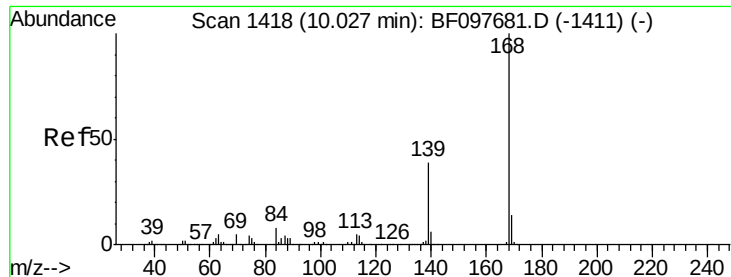
Ion Ratio Lower Upper

184 100

63 1274.6 62.7 94.1#

154 2819.8 81.1 121.7#





#54

Dibenzenofuran

Concen: 2.39 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

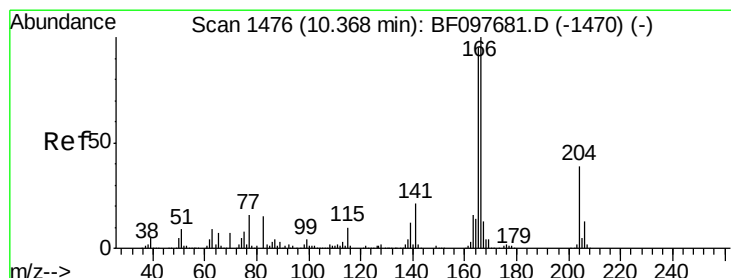
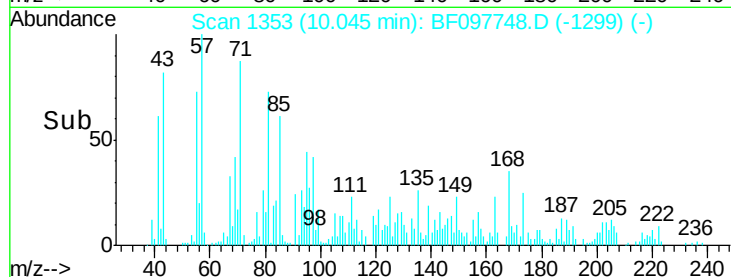
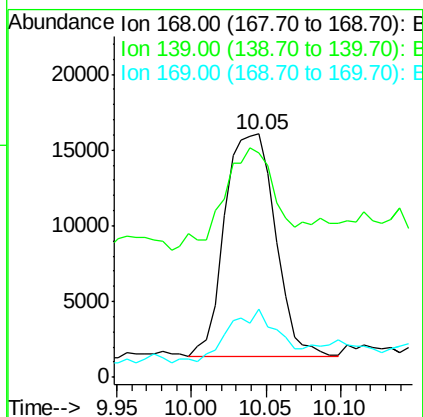
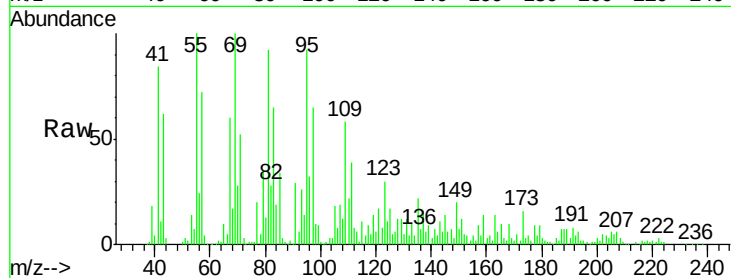
Tot Ion:168 Resp: 34528

Ion Ratio Lower Upper

168 100

139 92.1 30.6 45.8#

169 28.2 10.8 16.2#



#57

Fluorene

Concen: 3.00 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.02 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

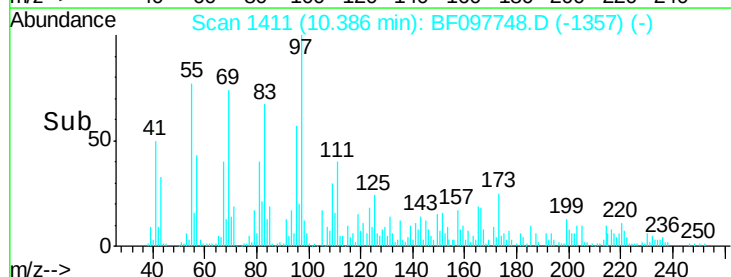
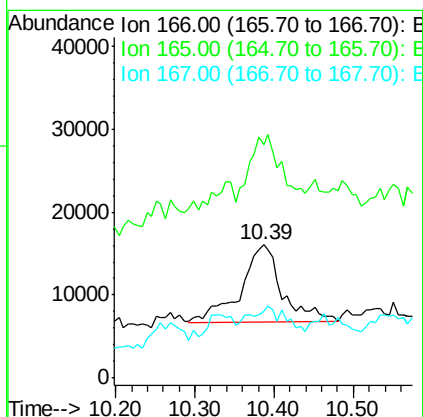
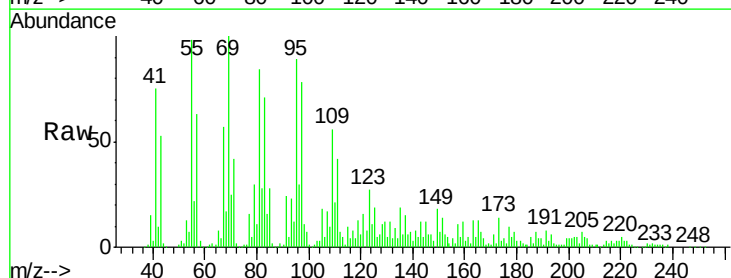
Tgt Ion:166 Resp: 33466

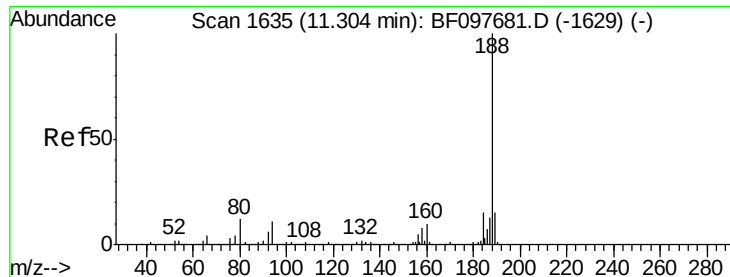
Ion Ratio Lower Upper

166 100

165 175.8 78.8 118.2#

167 50.6 10.6 16.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.03 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

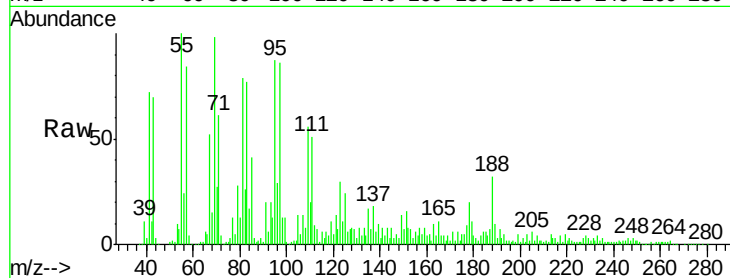
Tot Ion:188 Resp: 213910

Ion Ratio Lower Upper

188 100

94 41.8 9.4 14.2#

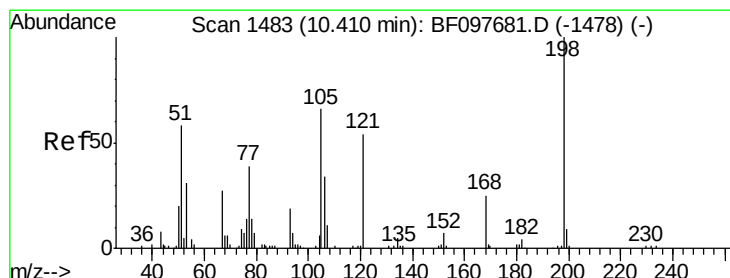
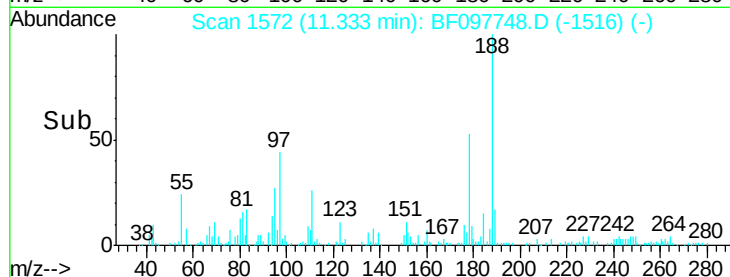
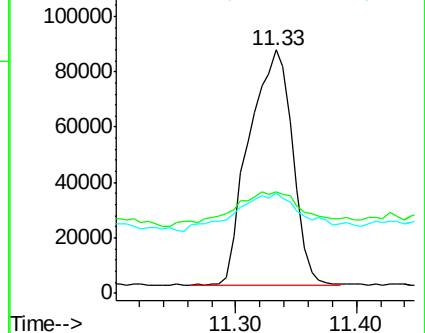
80 41.3 10.2 15.2#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.65 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.04 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

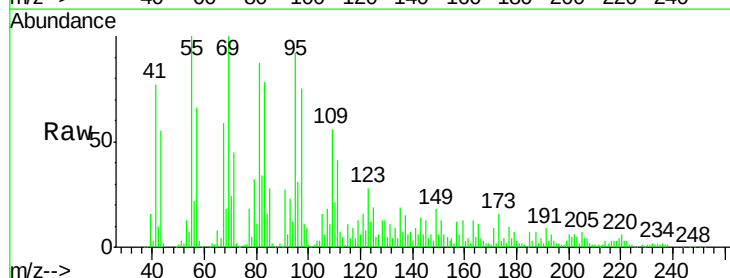
Tgt Ion:198 Resp: 396

Ion Ratio Lower Upper

198 100

51 551.8 53.2 93.2#

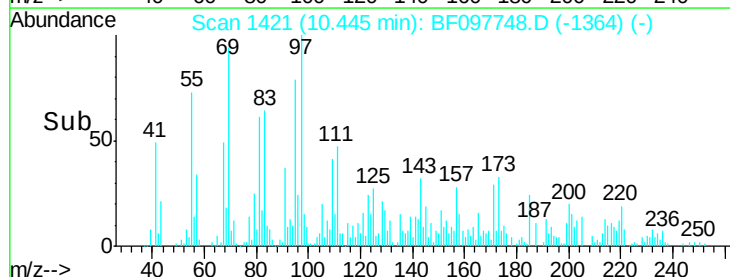
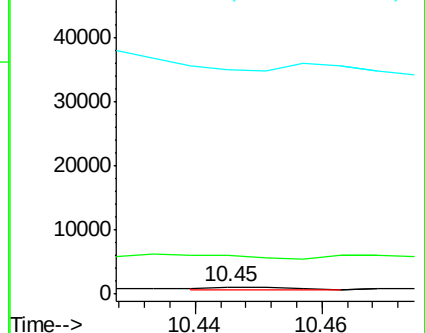
105 3166.7 45.8 85.8#

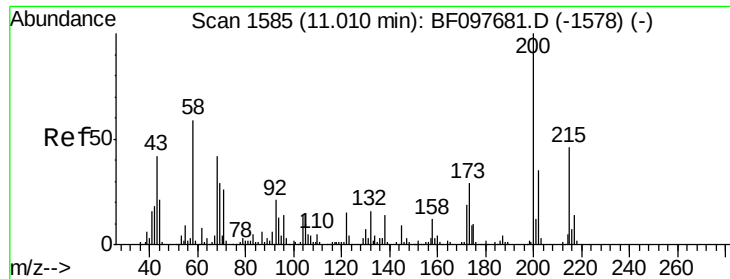


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

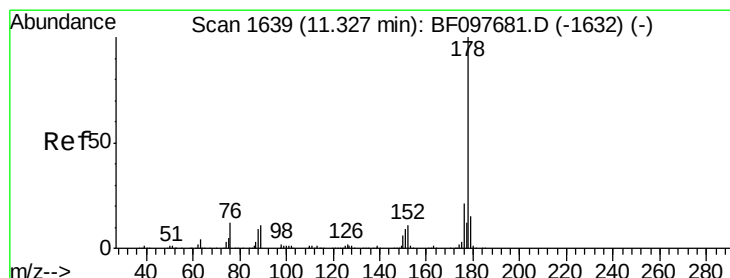
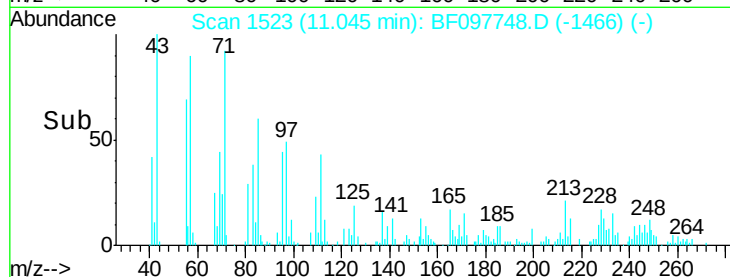
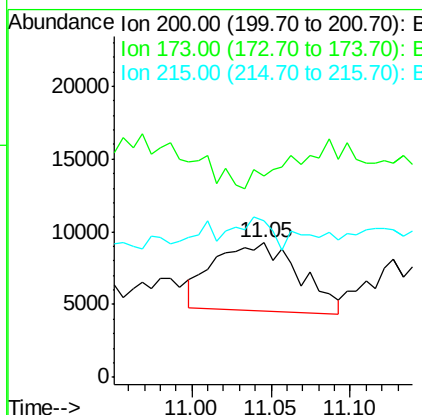
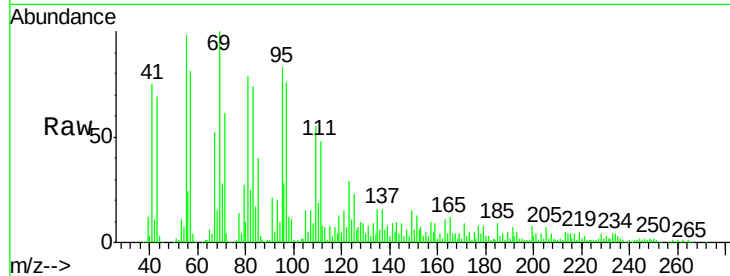




#68
 Atrazine
 Concen: 8.96 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.04 min
 Lab File: BF097748.D
 Acq: 16 Aug 2017 19:36

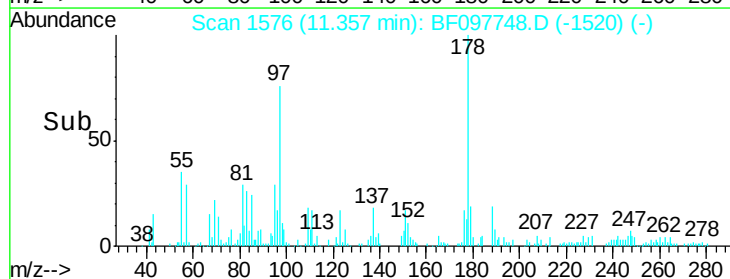
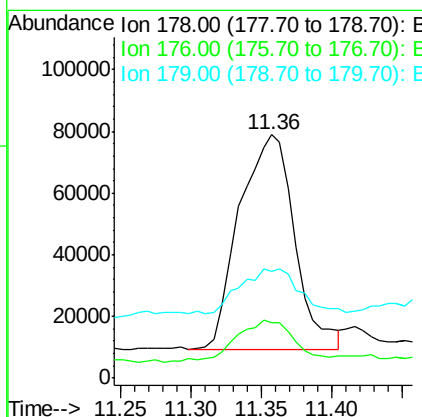
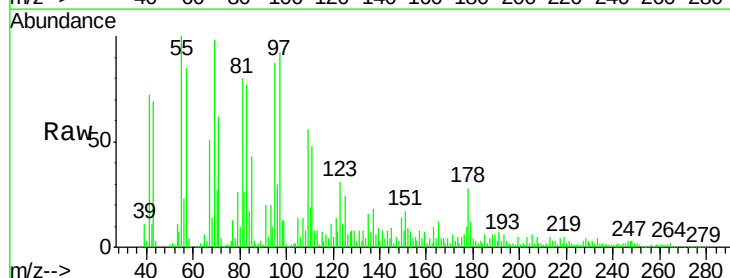
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

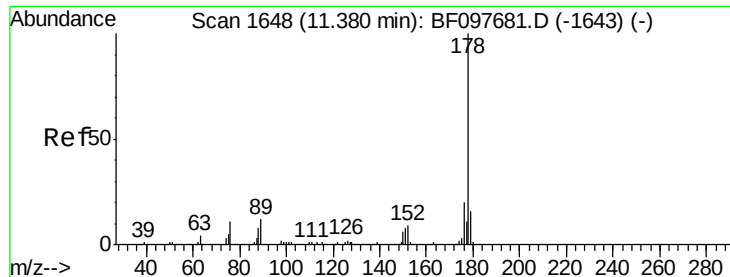
Tot Ion:200 Resp: 17313
 Ion Ratio Lower Upper
 200 100
 173 150.0 6.3 46.3#
 215 116.8 27.2 67.2#



#70
 Phenanthrene
 Concen: 16.66 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.03 min
 Lab File: BF097748.D
 Acq: 16 Aug 2017 19:36

Tgt Ion:178 Resp: 189899
 Ion Ratio Lower Upper
 178 100
 176 22.8 16.2 24.4
 179 43.6 12.6 19.0#





#71

Anthracene

Concen: 16.43 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

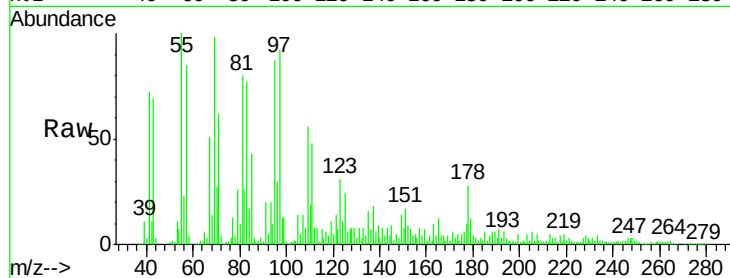
Tot Ion:178 Resp: 189899

Ion Ratio Lower Upper

178 100

176 22.8 15.8 23.8

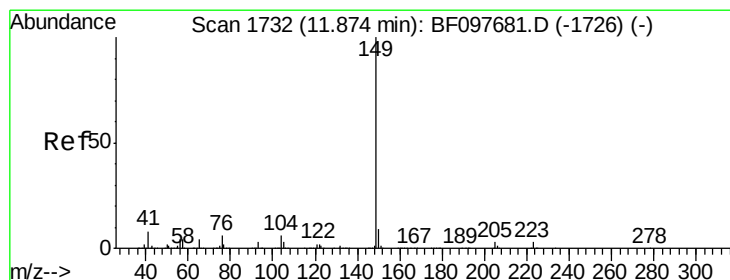
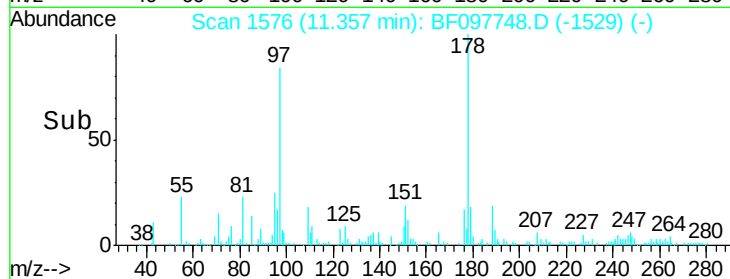
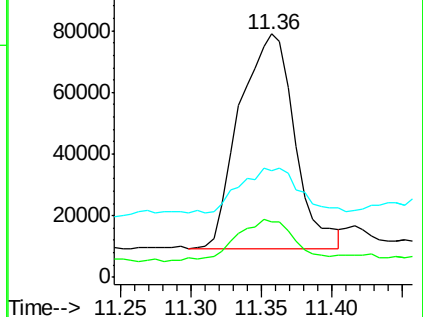
179 43.6 12.7 19.1#



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



#73

Di-n-butylphthalate

Concen: 6.02 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.03 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

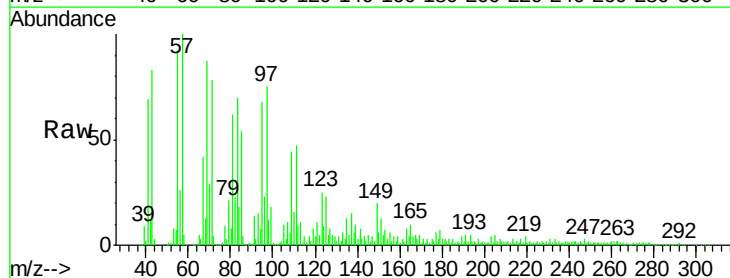
Tgt Ion:149 Resp: 76113

Ion Ratio Lower Upper

149 100

150 29.1 7.7 11.5#

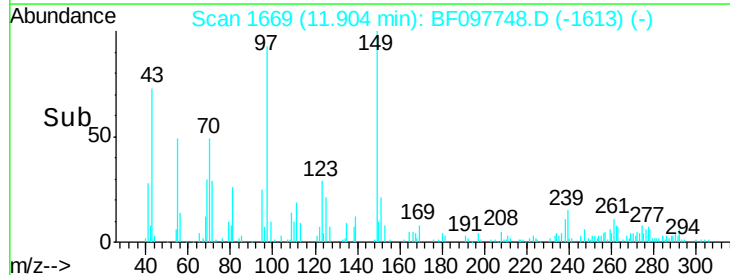
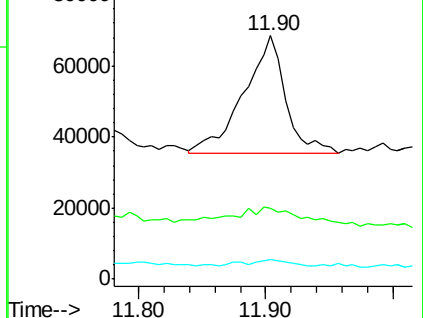
104 7.9 4.0 6.0#

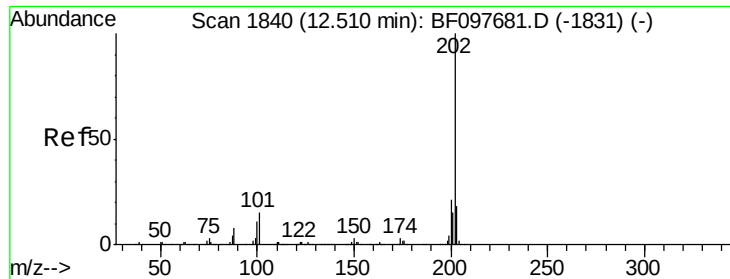


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 8.25 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.06 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

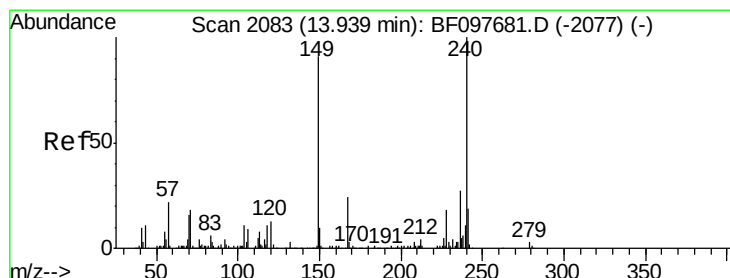
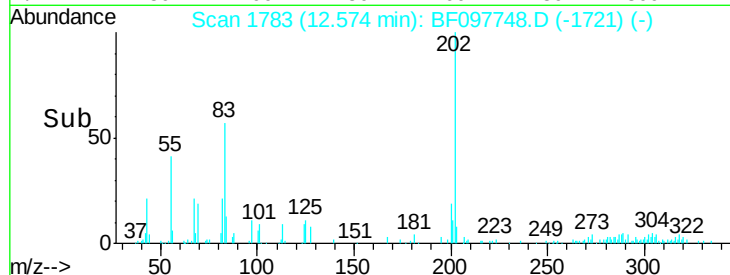
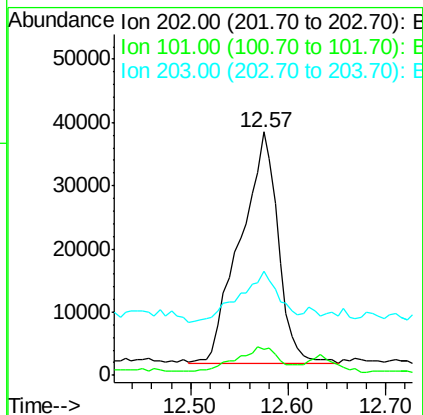
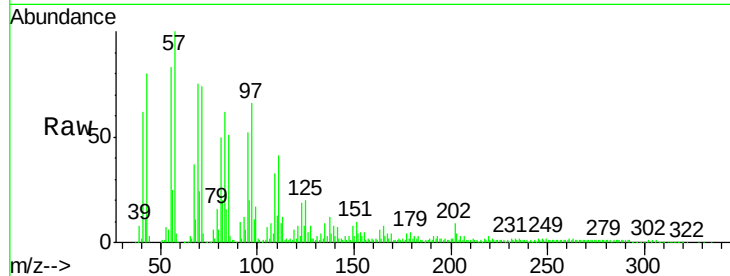
Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

Tot Ion:	202	Resp:	98203
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	33.2
203	42.6	0.0	38.1#



#75

Chrysene-d12

Concen: 20.00 ng

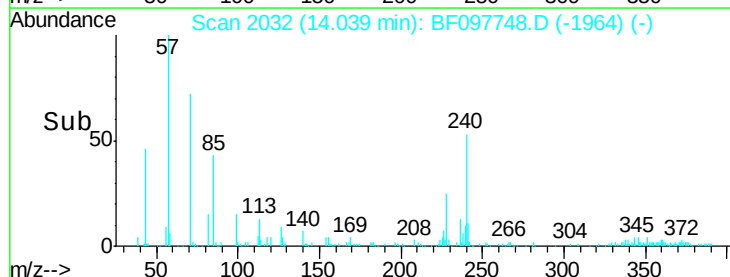
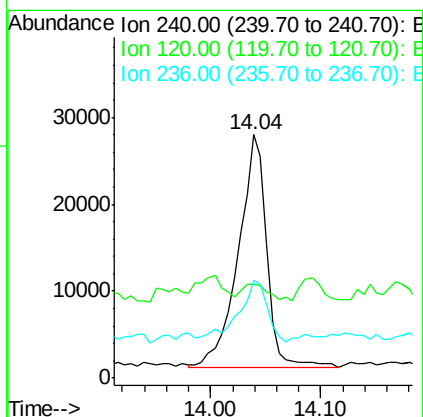
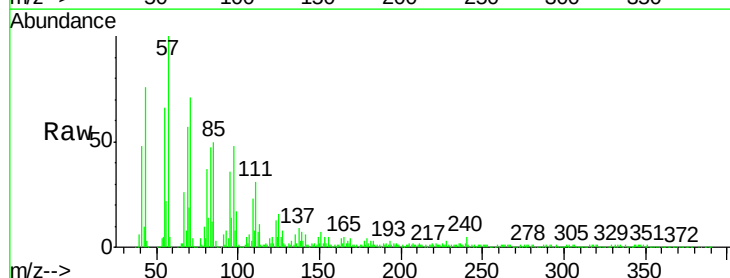
RT: 14.04 min Scan# 2032

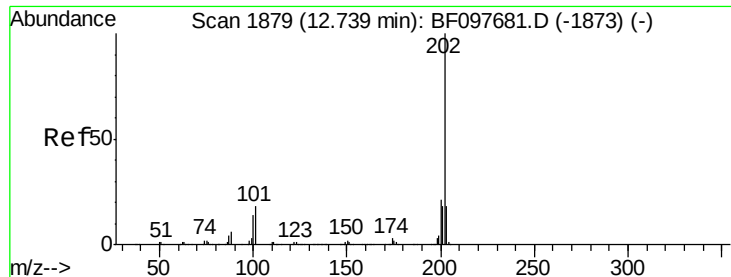
Delta R.T. 0.10 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Tgt Ion:	240	Resp:	47911
Ion Ratio	Lower	Upper	
240	100		
120	38.3	5.8	8.8#
236	39.9	20.5	30.7#

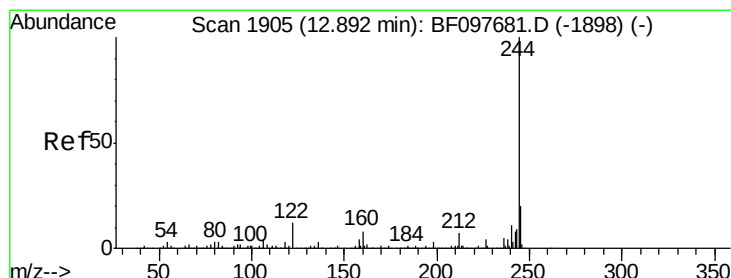
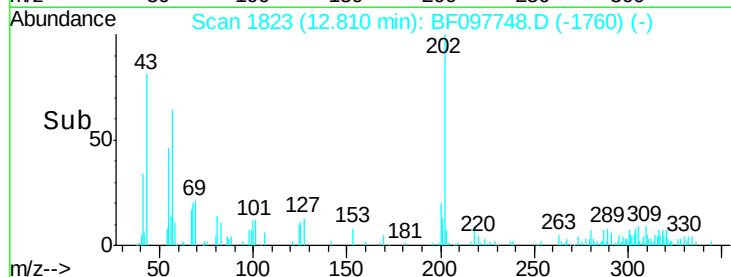
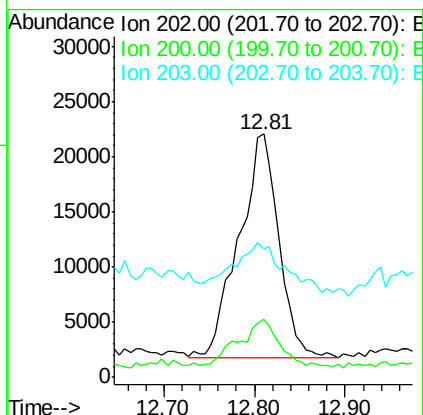
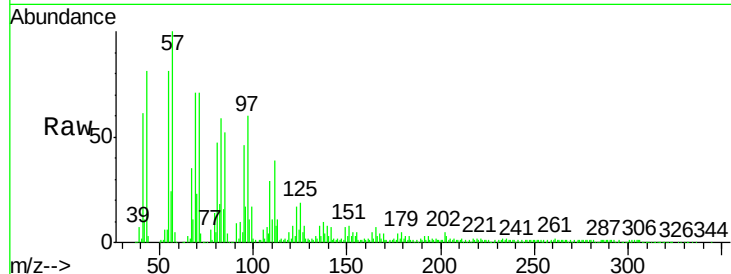




#77
Pvrene
Concen: 15.80 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.07 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

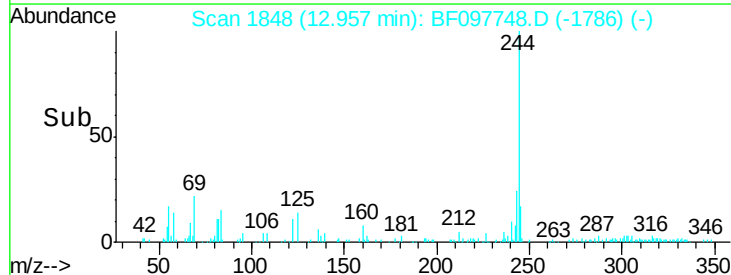
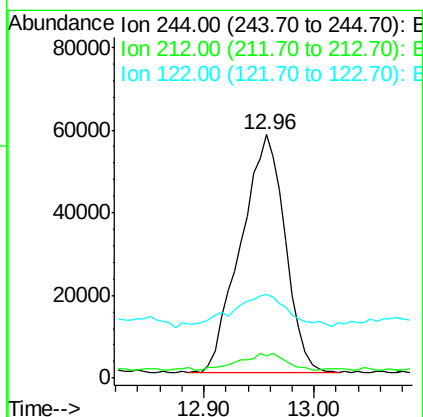
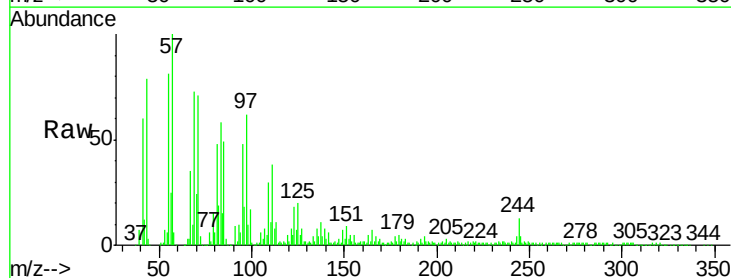
Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

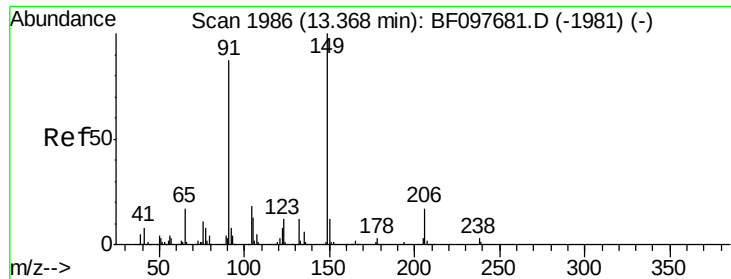
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	17.6	26.4
203	52.9	14.4	21.6



#78
Terphenyl-d14
Concen: 70.70 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.06 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.0	9.0
122	34.5	10.3	15.5

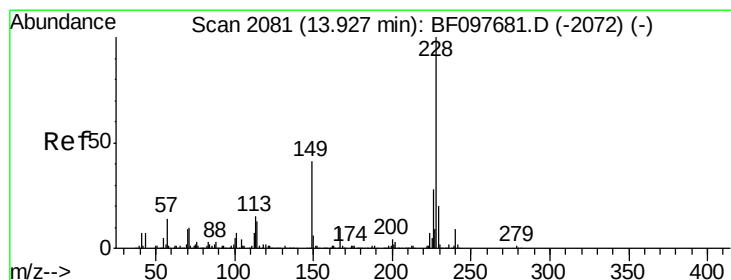
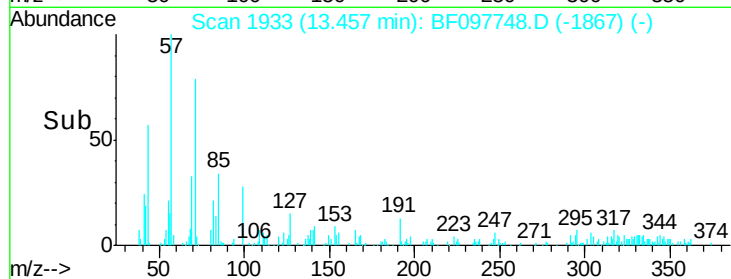
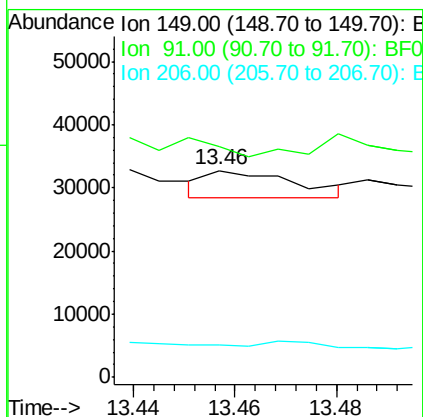
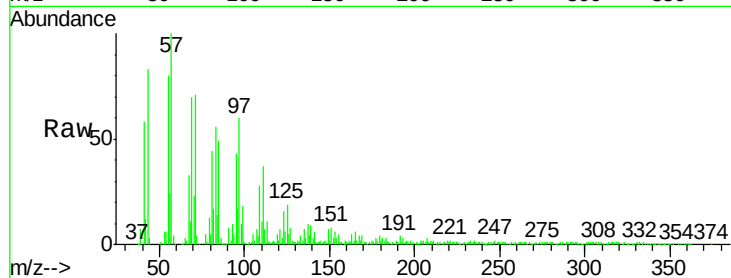




#79
Butylbenzylphthalate
Concen: 3.43 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.09 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

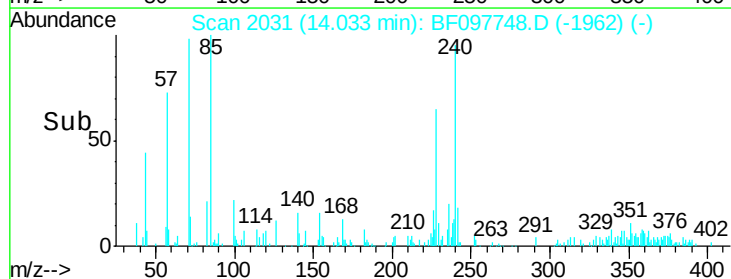
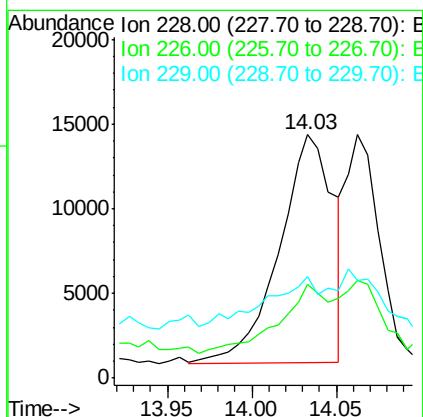
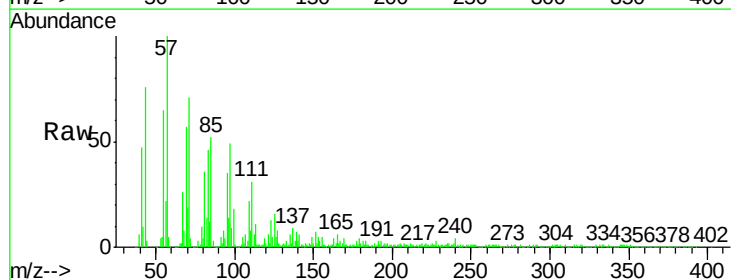
Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

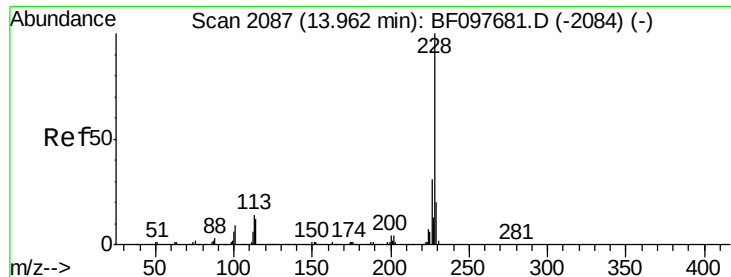
Tot Ion:149 Resp: 5158
Ion Ratio Lower Upper
149 100
91 111.3 45.0 67.4#
206 15.8 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 10.41 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.11 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion:228 Resp: 29899
Ion Ratio Lower Upper
228 100
226 38.6 22.6 33.8#
229 41.5 16.3 24.5#

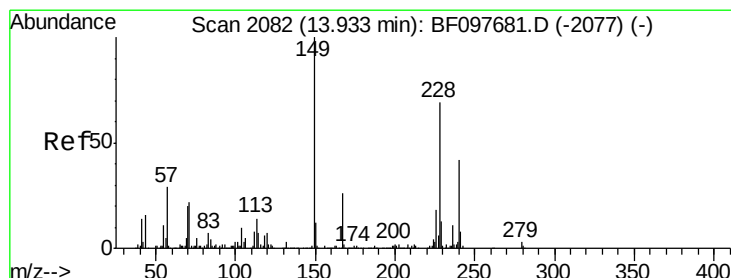
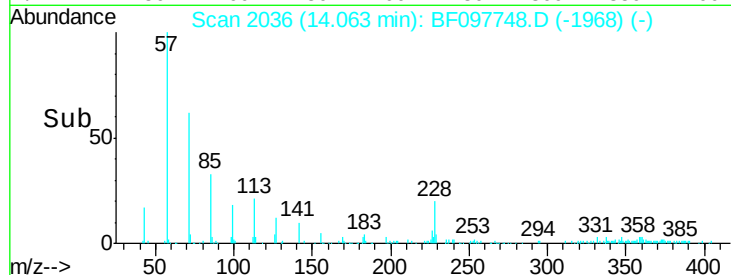
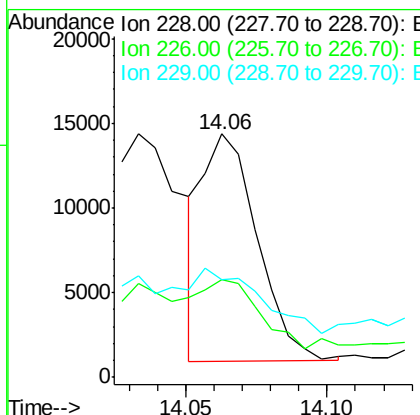
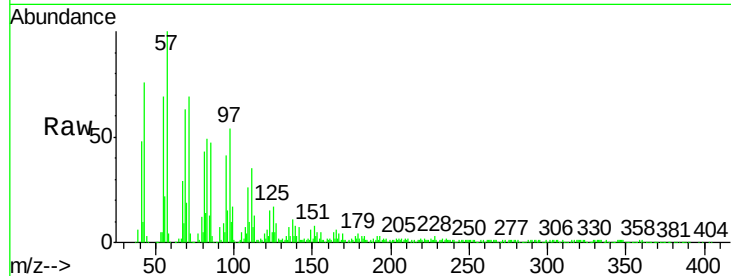




#82
 Chrysene
 Concen: 6.30 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.10 min
 Lab File: BF097748.D
 Acq: 16 Aug 2017 19:36

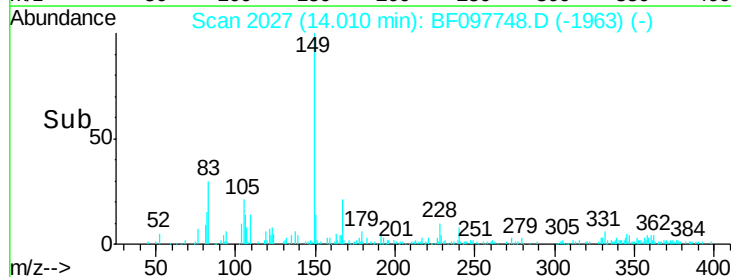
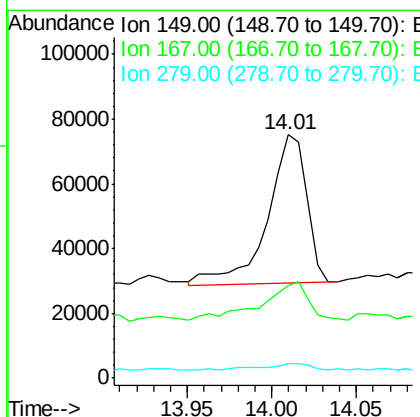
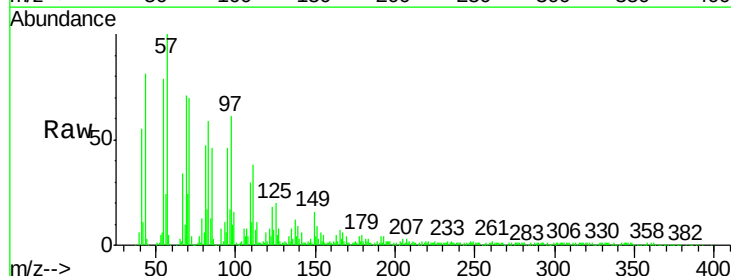
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

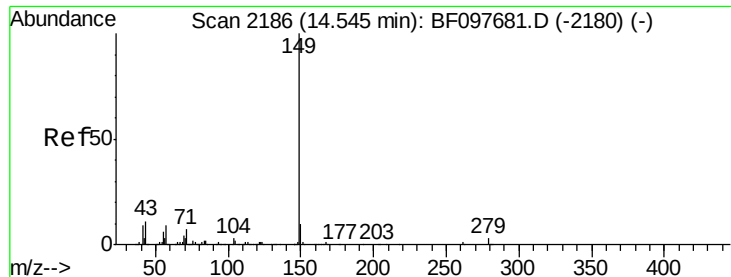
Tot Ion:228 Resp: 17986
 Ion Ratio Lower Upper
 228 100
 226 40.0 24.9 37.3#
 229 40.3 15.8 23.6#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.04 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.08 min
 Lab File: BF097748.D
 Acq: 16 Aug 2017 19:36

Tgt Ion:149 Resp: 74986
 Ion Ratio Lower Upper
 149 100
 167 38.0 21.0 31.4#
 279 5.7 1.9 2.9#





#84

Di-n-octyl phthalate

Concen: 4.03 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.12 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

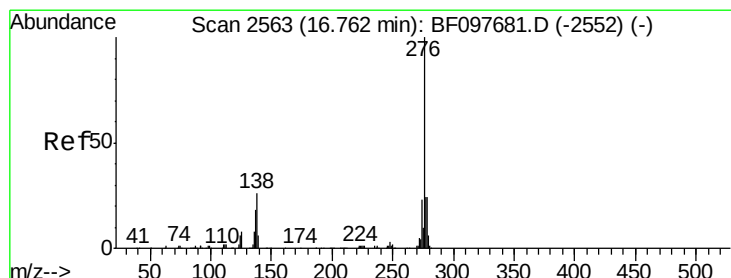
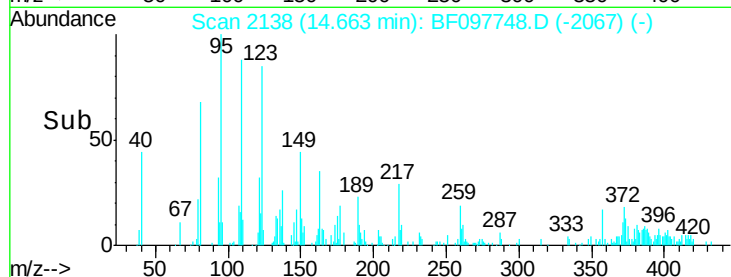
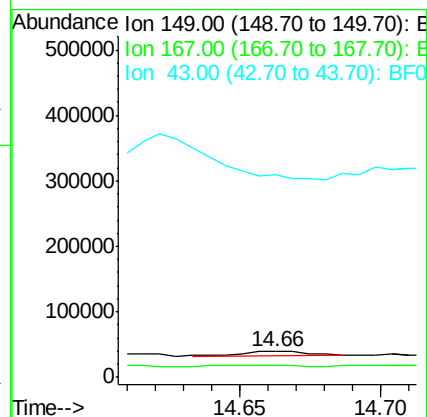
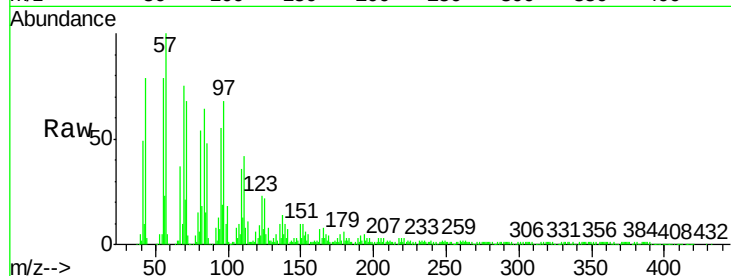
Tot Ion:149 Resp: 11672

Ion Ratio Lower Upper

149 100

167 33.4 1.2 1.8#

43 0.0 8.5 12.7#



#85

Indeno(1,2,3-cd)pyrene

Concen: 17.13 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.10 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

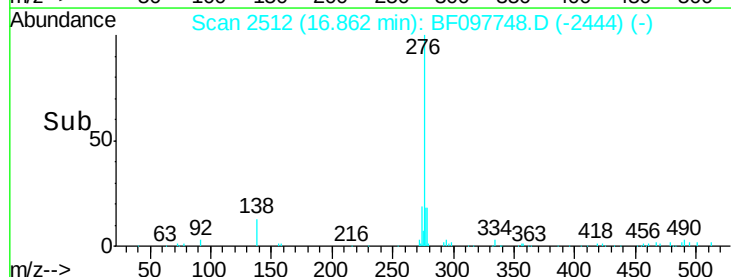
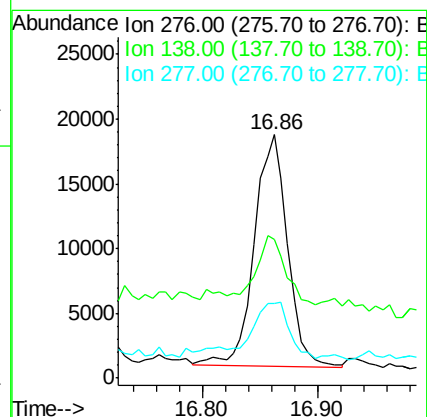
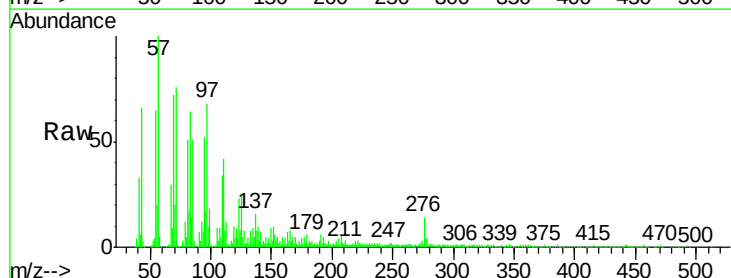
Tgt Ion:276 Resp: 35995

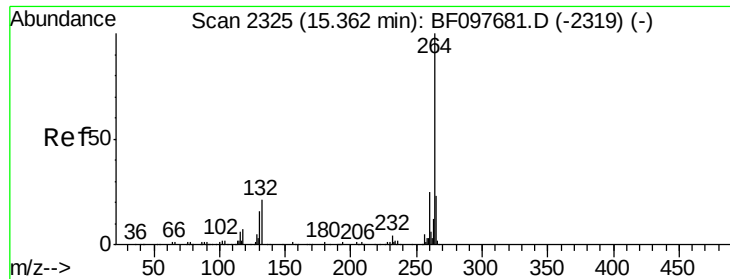
Ion Ratio Lower Upper

276 100

138 26.2 27.8 41.6#

277 24.0 20.2 30.4

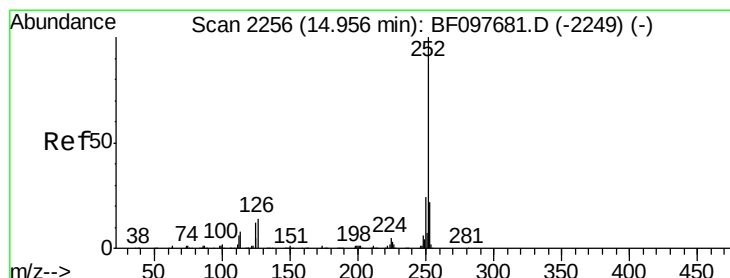
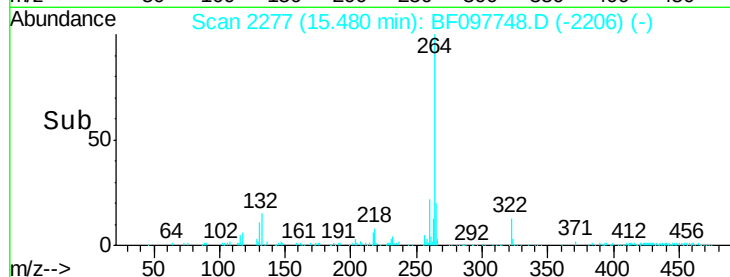
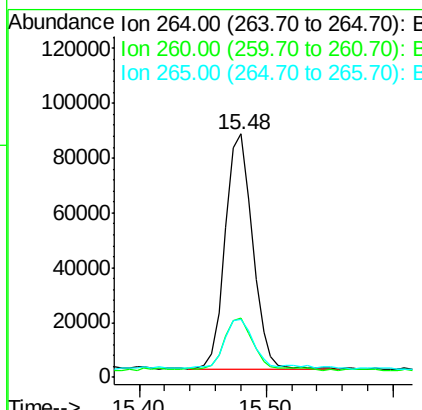
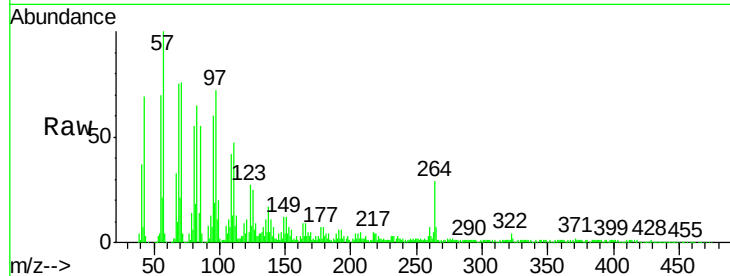




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.12 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

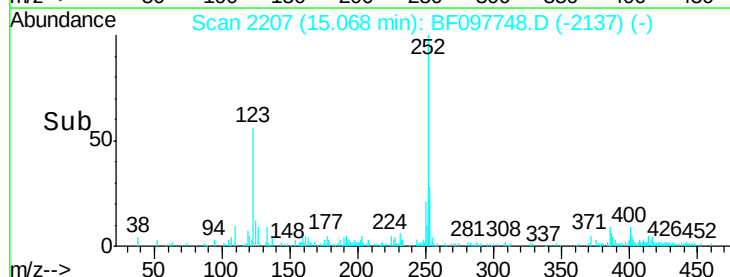
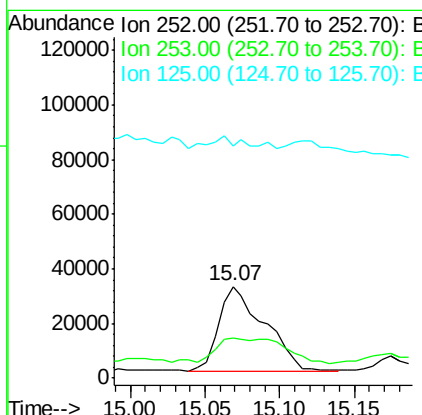
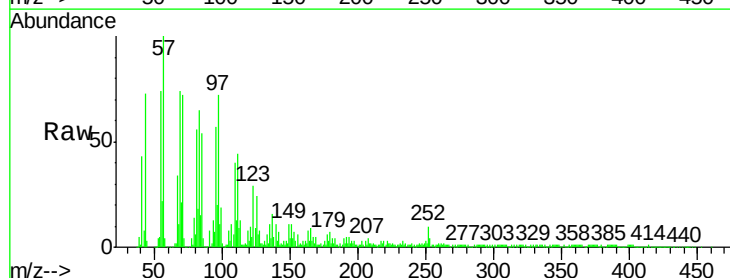
Instrument :
BNA_F
ClientSampleId :
DRUM-1-6-COMP

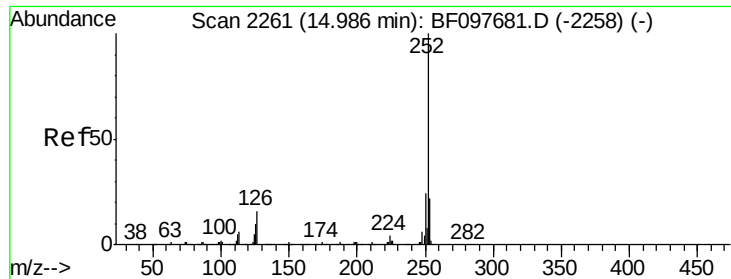
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.6	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 8.18 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.11 min
Lab File: BF097748.D
Acq: 16 Aug 2017 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.2	18.1	27.1#
125	252.5	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 8.74 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.08 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

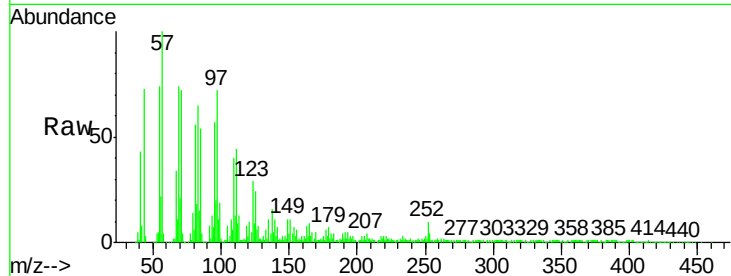
Tot Ion:252 Resp: 66837

Ion Ratio Lower Upper

252 100

253 43.2 18.4 27.6#

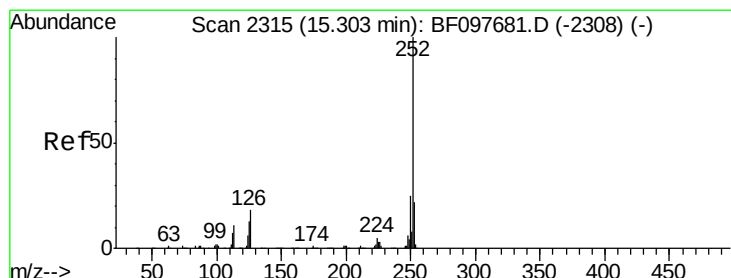
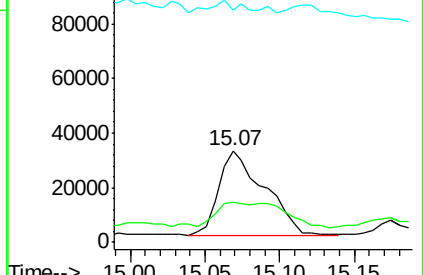
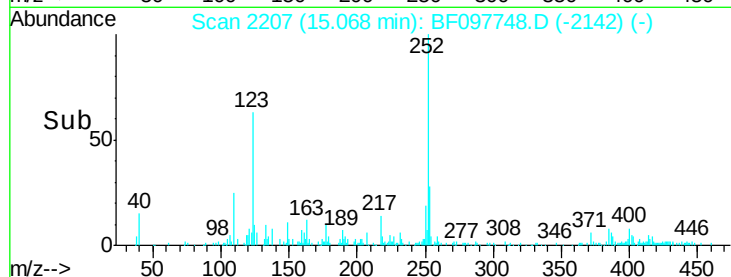
125 252.5 13.1 19.7#



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



#89

Benzo(a)pyrene

Concen: 6.67 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.12 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

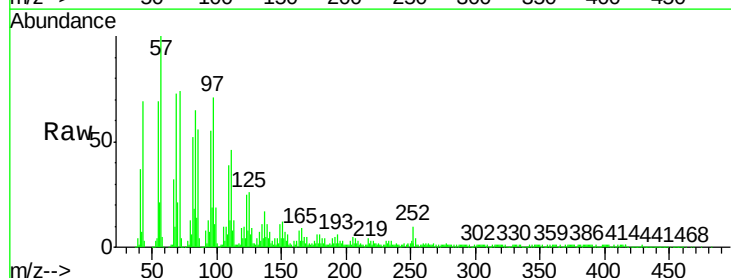
Tgt Ion:252 Resp: 48037

Ion Ratio Lower Upper

252 100

253 35.7 17.5 26.3#

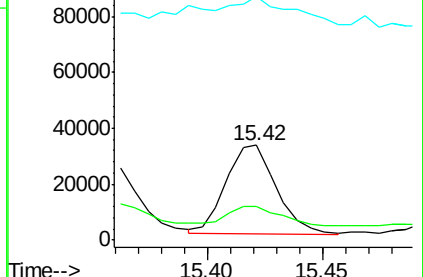
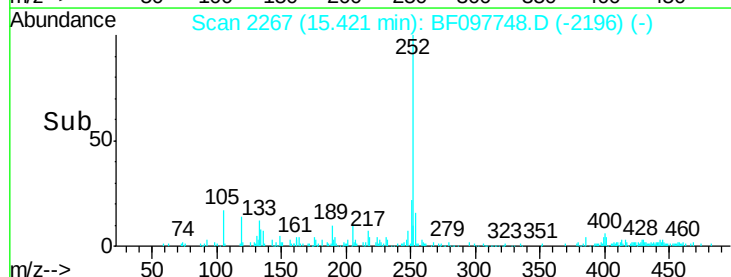
125 257.3 11.0 16.4#

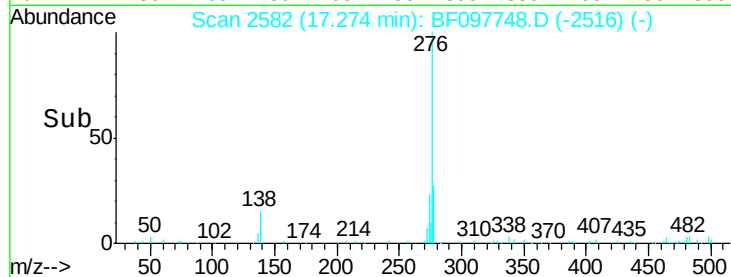
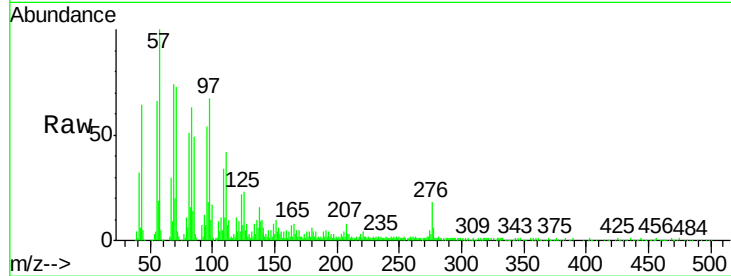
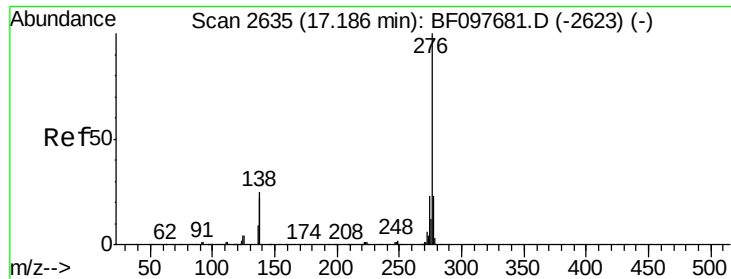


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 5.67 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.09 min

Lab File: BF097748.D

Acq: 16 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

Tot Ion:276 Resp: 34713

Ion Ratio Lower Upper

276 100

277 34.4 18.6 28.0#

138 49.2 25.4 38.0#

