

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097859.D
 Acq On : 19 Aug 2017 3:40
 Operator : SJ/JU
 Sample : I4474-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BC8B3

Quant Time: Aug 19 05:05:48 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	6.77	152	104341	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	400508	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	174653	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	318514	20.00	ng	0.00
75) Chrysene-d12	13.93	240	260064	20.00	ng	-0.01
86) Perylene-d12	15.36	264	230200	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	105647	15.40	ng	-0.02
7) Phenol-d6	6.39	99	141705	15.20	ng	-0.02
23) Nitrobenzene-d5	7.33	82	87186	11.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	21043	13.89	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	132613	11.16	ng	-0.01
78) Terphenyl-d14	12.88	244	106034	8.50	ng	-0.01

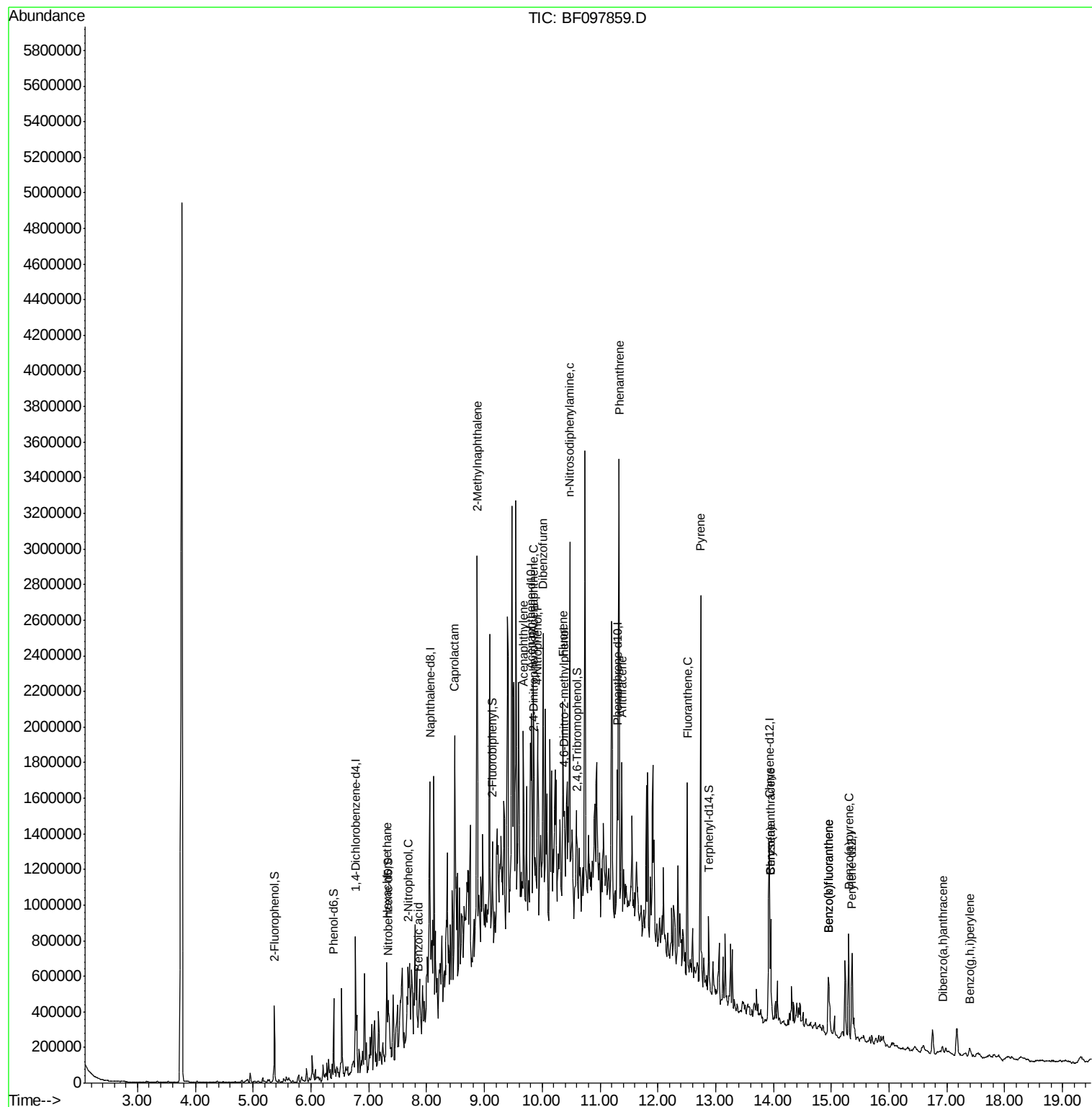
Target Compounds						Qvalue
18) Hexachloroethane	7.31	117	22452	7.24	ng	# 1
26) 2-Nitrophenol	7.68	139	2256	5.93	ng	# 1
32) Benzoic acid	7.85	122	3968	7.14	ng	# 1
35) Caprolactam	8.49	113	31847	17.65	ng	# 30
37) 2-Methylnaphthalene	8.87	142	565771	44.38	ng	94
48) Acenaphthylene	9.67	152	93384	5.05	ng	# 74
51) Acenaphthene	9.85	154	235920	20.24	ng	99
53) 2,4-Dinitrophenol	9.86	184	423	10.45	ng	# 1
54) Dibenzofuran	10.02	168	52155	3.34	ng	# 14
55) 4-Nitrophenol	9.92	139	27708	10.56	ng	77
57) Fluorene	10.36	166	240539	19.92	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.38	198	1050	8.90	ng	# 1
65) n-Nitrosodiphenylamine	10.47	169	81747	7.54	ng	# 85
70) Phenanthrene	11.33	178	1020535	60.13	ng	100
71) Anthracene	11.37	178	321282	18.66	ng	99
74) Fluoranthene	12.51	202	423445	23.90	ng	99
77) Pyrene	12.74	202	925450	43.51	ng	100
80) Benzo(a)anthracene	13.95	228	229927	14.75	ng	96
82) Chrysene	13.95	228	229927	14.83	ng	98
87) Benzo(b)fluoranthene	14.95	252	244701	16.86	ng	97
88) Benzo(k)fluoranthene	14.95	252	244701	17.95	ng	95
89) Benzo(a)pyrene	15.30	252	250276	19.48	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	23730	2.27	ng	93
91) Benzo(g,h,i)perylene	17.39	276	36041	3.30	ng	94

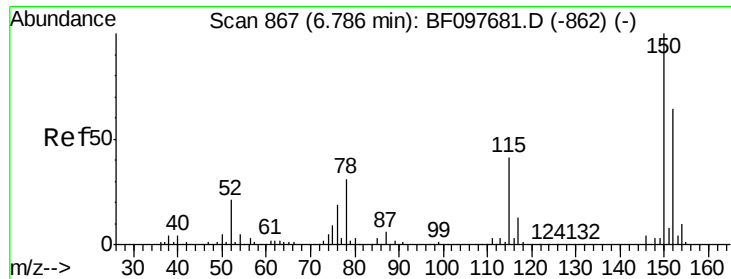
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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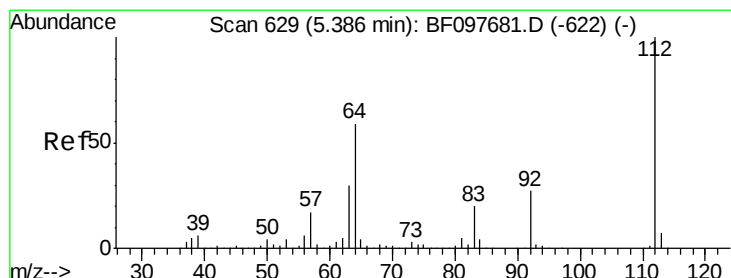
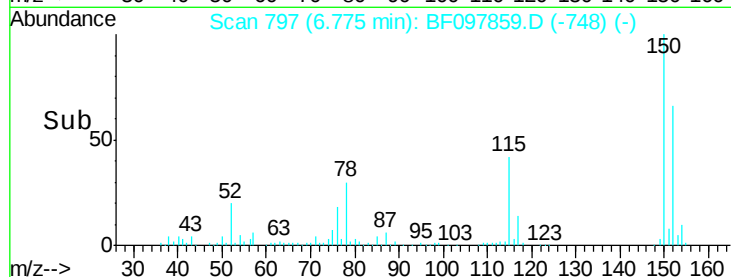
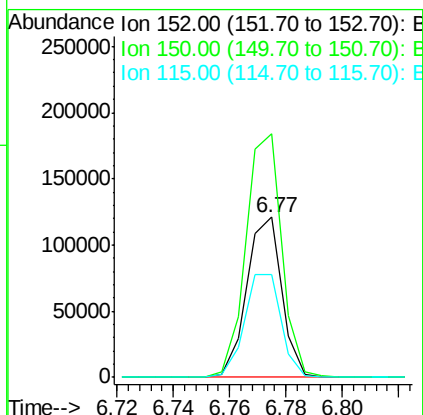
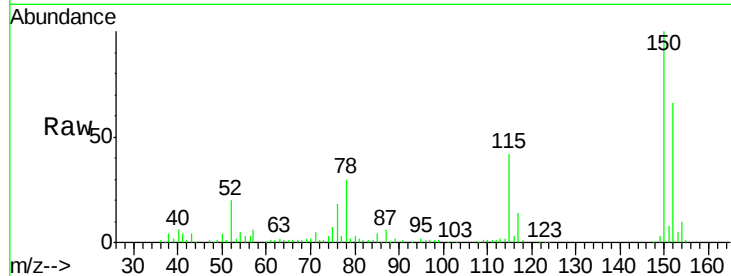


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

Instrument :
BNA_F
ClientSampleID :
BC8B3

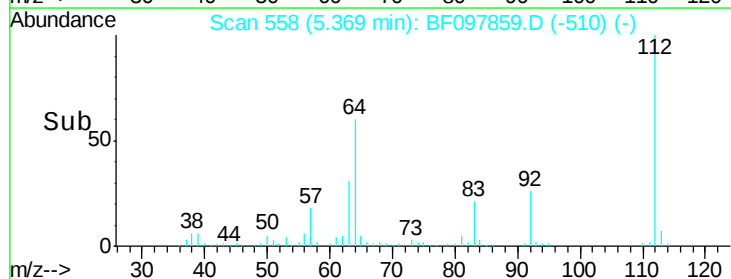
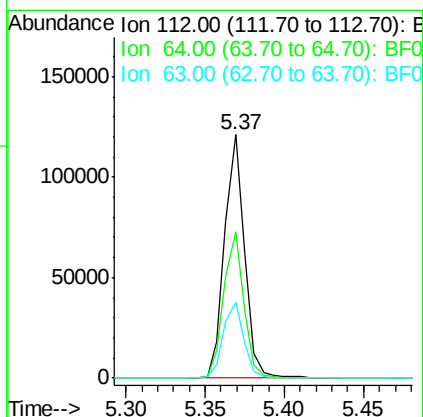
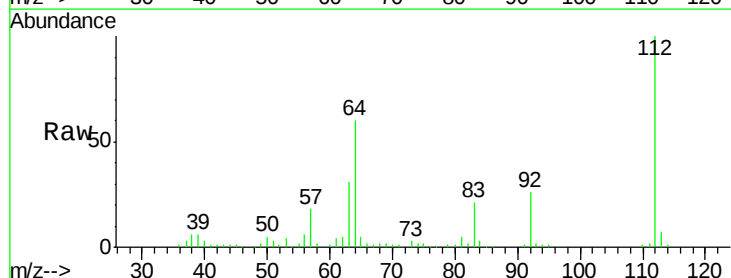
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.2	189.2
115	64.3	52.2	78.2

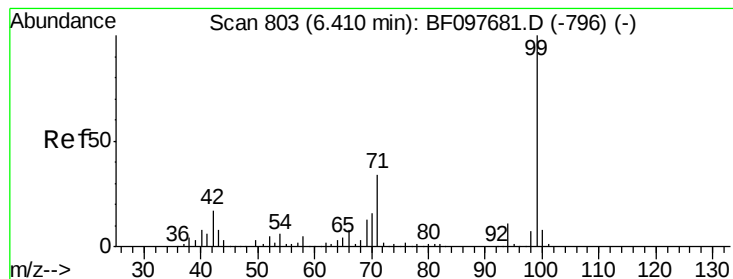


#5

2-Fluorophenol
Concen: 15.40 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 15.20 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

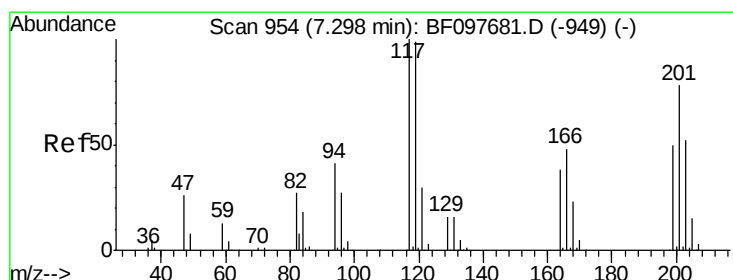
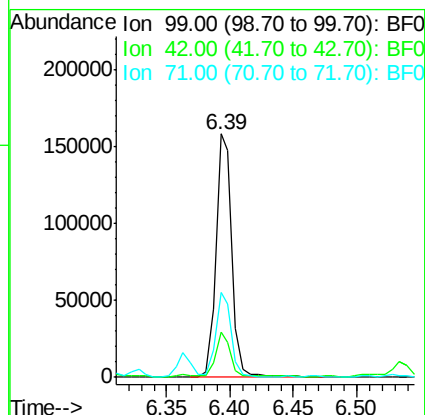
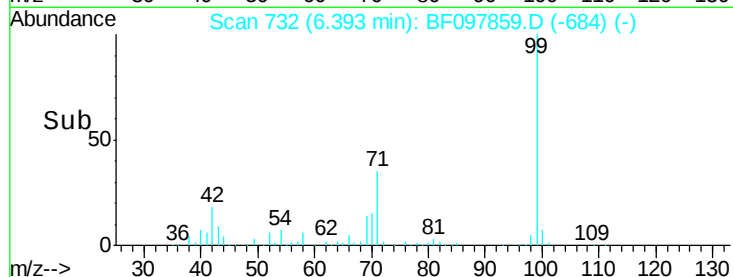
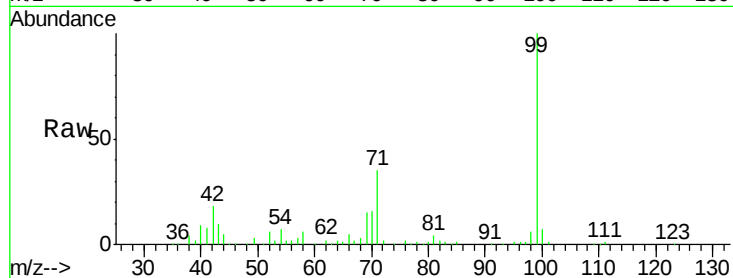
Tot Ion: 99 Resp: 141705

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 34.9 24.5 36.7



#18

Hexachloroethane

Concen: 7.24 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

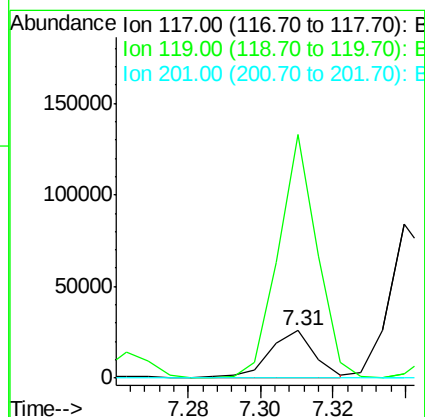
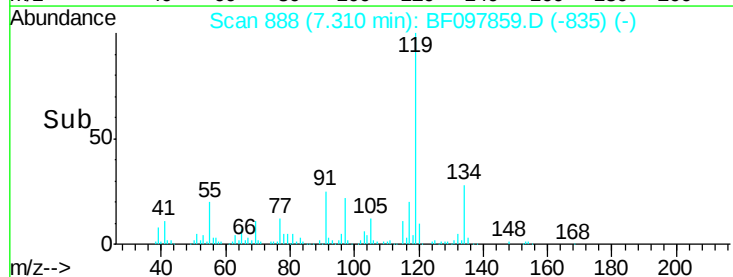
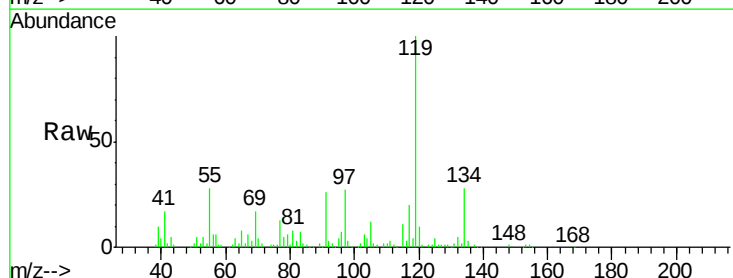
Tgt Ion: 117 Resp: 22452

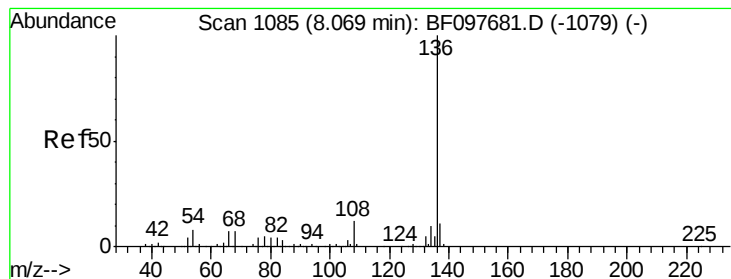
Ion Ratio Lower Upper

117 100

119 511.6 77.4 116.0#

201 0.0 94.6 141.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

Tot Ion:136 Resp: 400508

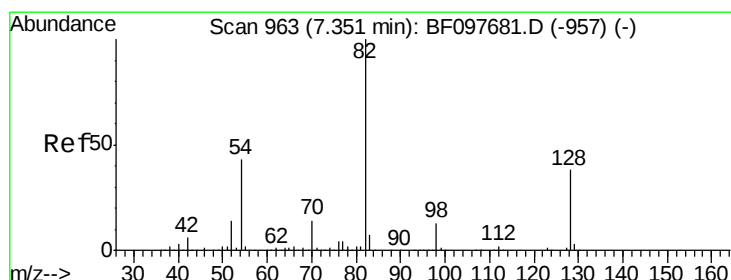
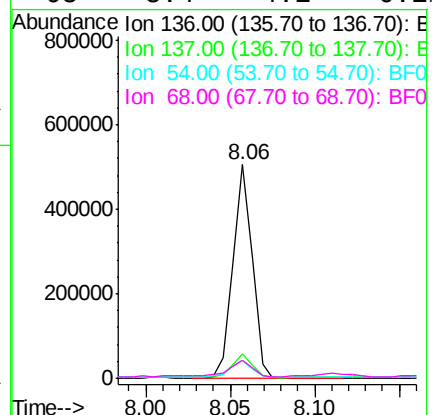
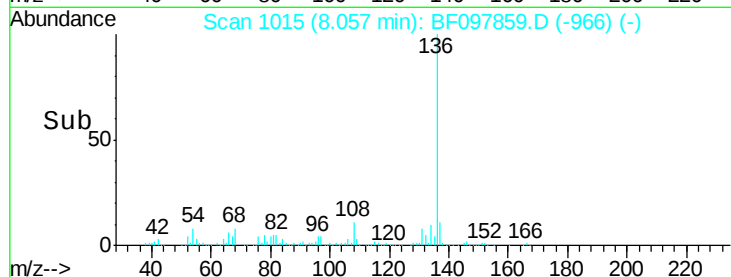
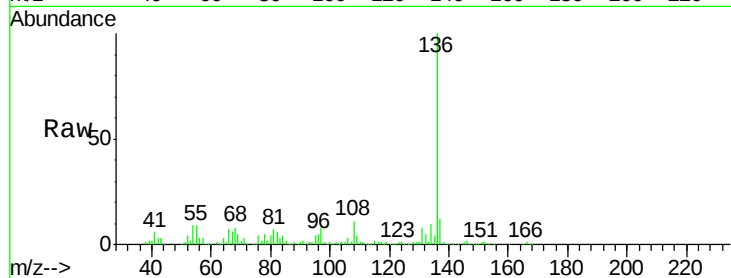
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 8.6 4.9 7.3#

68 8.4 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 11.83 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

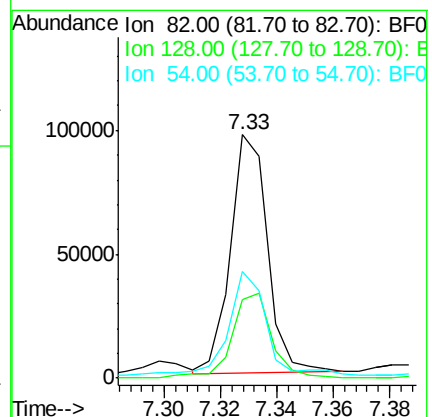
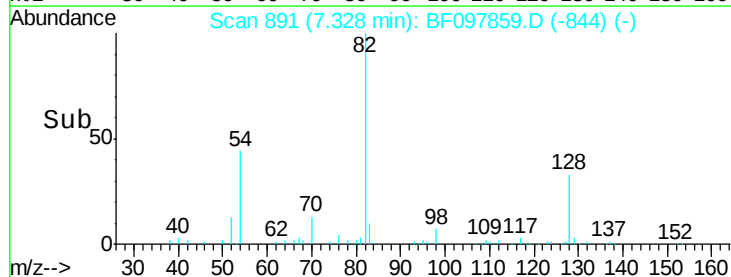
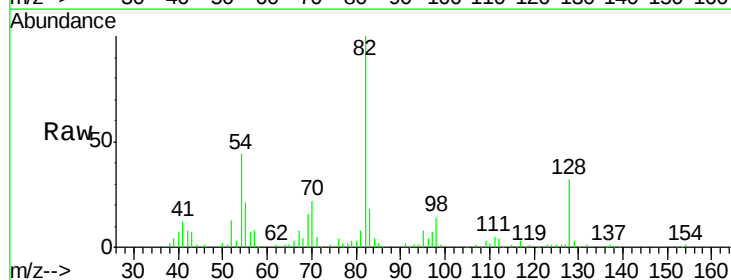
Tgt Ion: 82 Resp: 87186

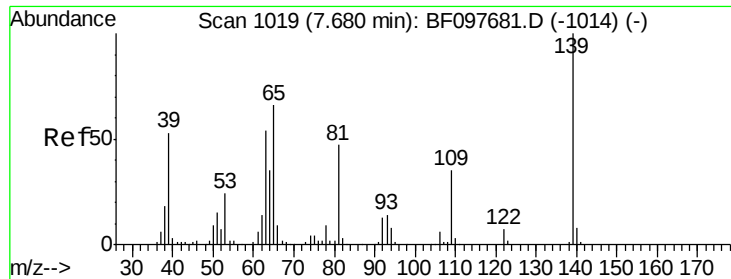
Ion Ratio Lower Upper

82 100

128 32.0 34.0 51.0#

54 43.9 42.2 63.2

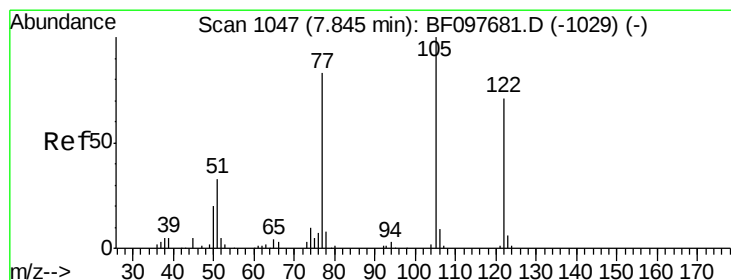
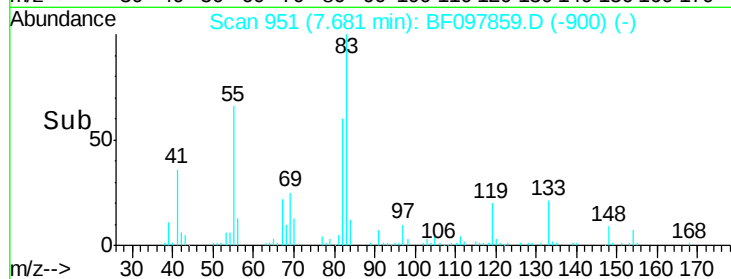
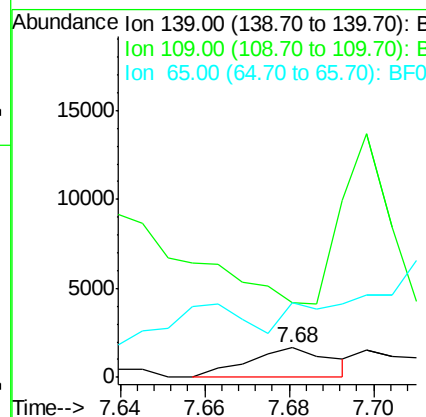
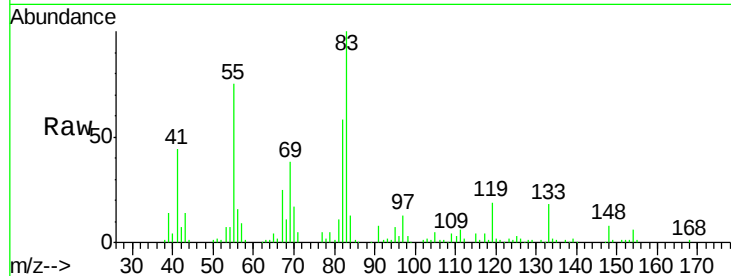




#26
2-Nitrophenol
Concen: 5.93 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

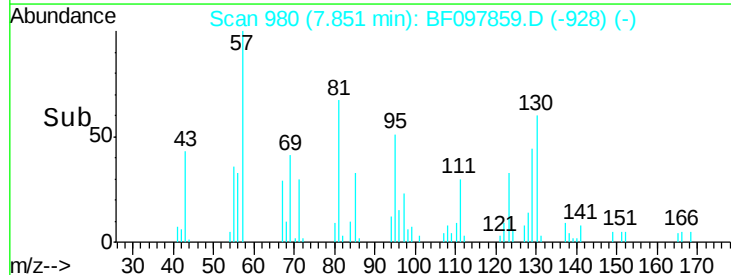
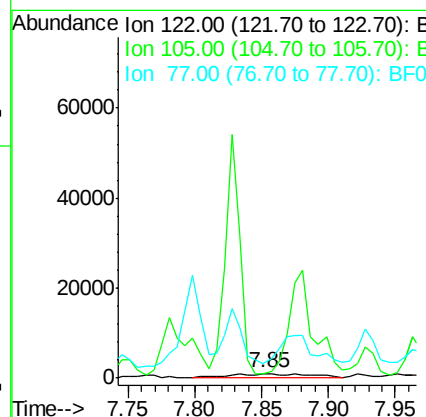
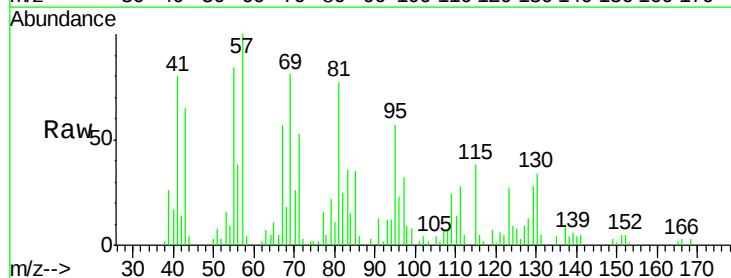
Instrument :
BNA_F
ClientSampleId :
BC8B3

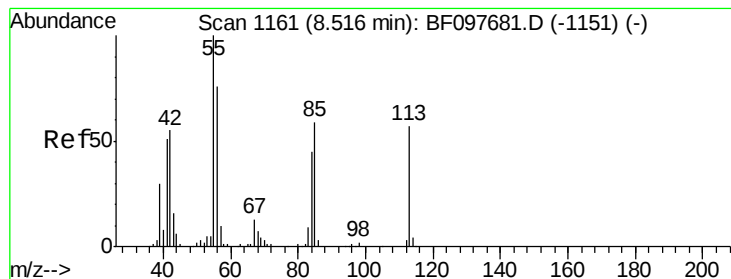
Tot Ion	Ratio	Lower	Upper
139	100		
109	256.2	21.0	31.6#
65	254.5	33.0	49.6#



#32
Benzoic acid
Concen: 7.14 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.5	103.3	143.3#
77	304.5	73.7	113.7#





#35

Caprolactam

Concen: 17.65 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

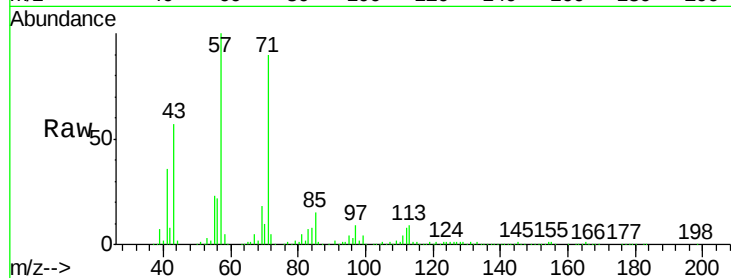
Tot Ion:113 Resp: 31847

Ion Ratio Lower Upper

113 100

55 245.1 150.2 190.2#

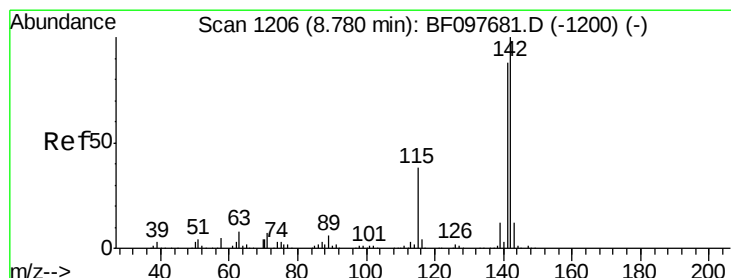
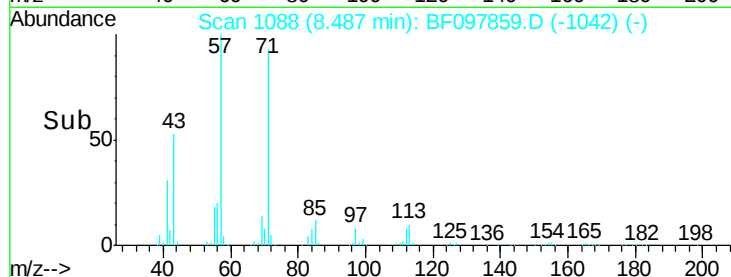
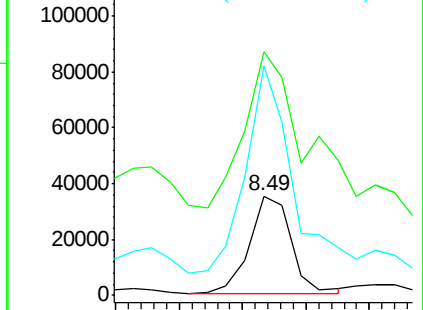
56 231.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 44.38 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.09 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

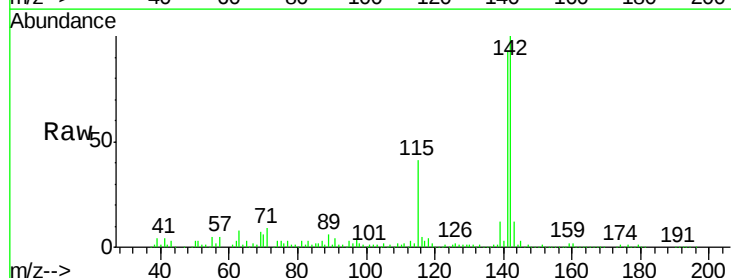
Tgt Ion:142 Resp: 565771

Ion Ratio Lower Upper

142 100

141 92.5 71.3 106.9

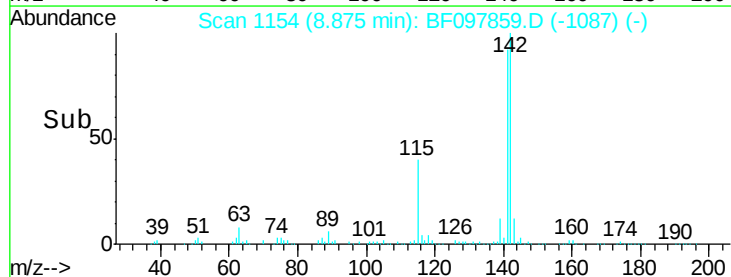
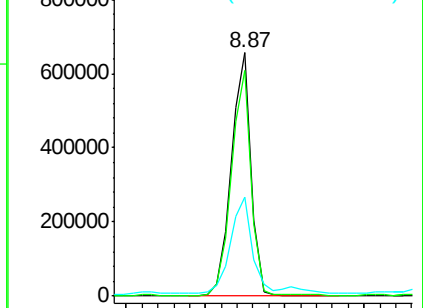
115 40.6 27.1 40.7

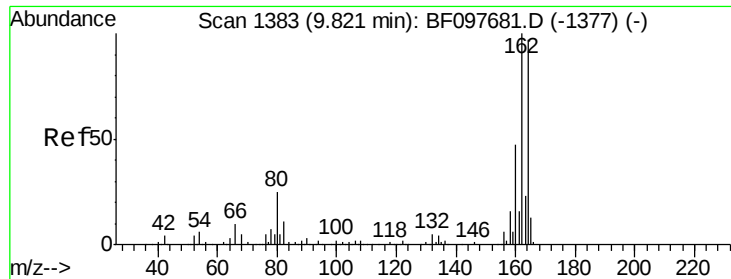


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

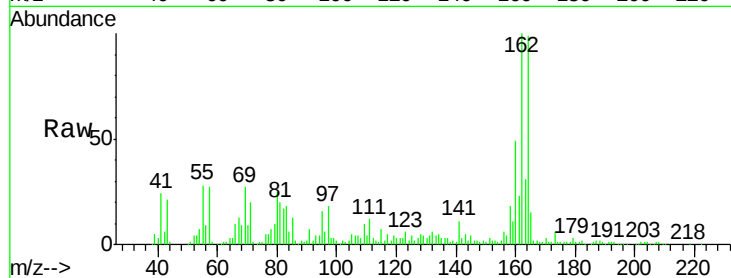




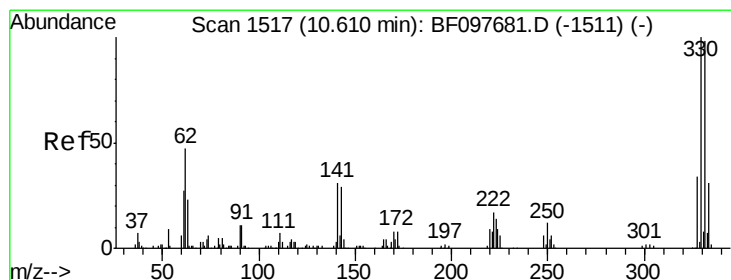
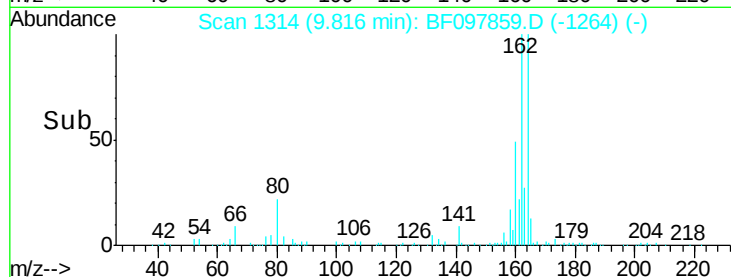
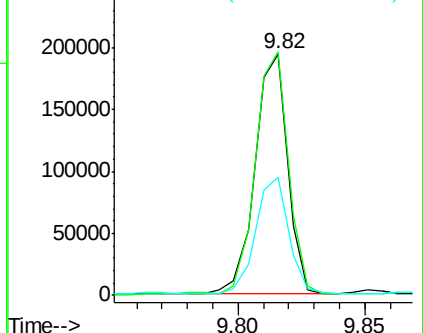
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097859.D
 Acq: 19 Aug 2017 3:40

Instrument :
 BNA_F
 ClientSampleId :
 BC8B3

Tot Ion:164 Resp: 174653
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 123.8
 160 49.1 36.2 54.2

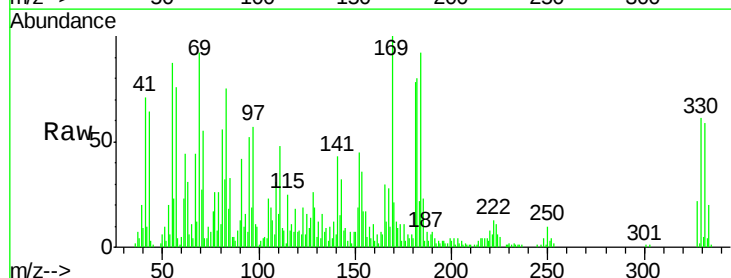


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

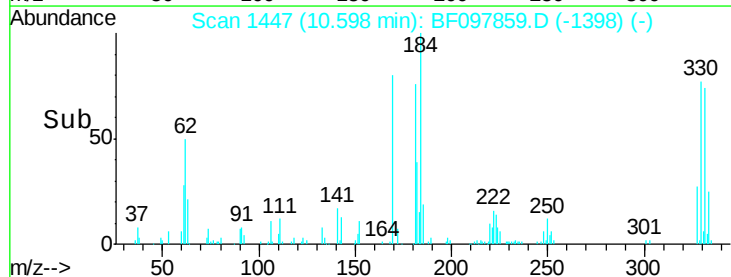
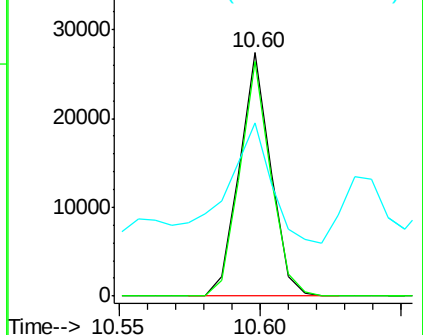


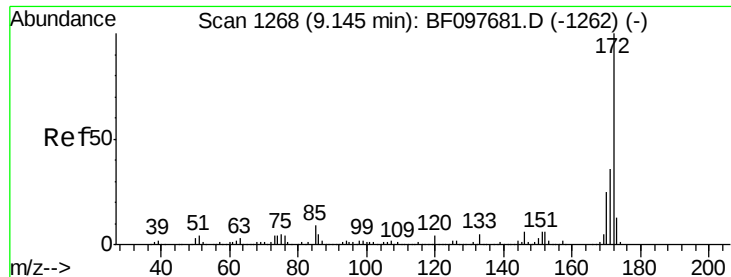
#41
 2,4,6-Tribromophenol
 Concen: 13.89 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097859.D
 Acq: 19 Aug 2017 3:40

Tgt Ion:330 Resp: 21043
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 68.6 31.4 47.2#



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

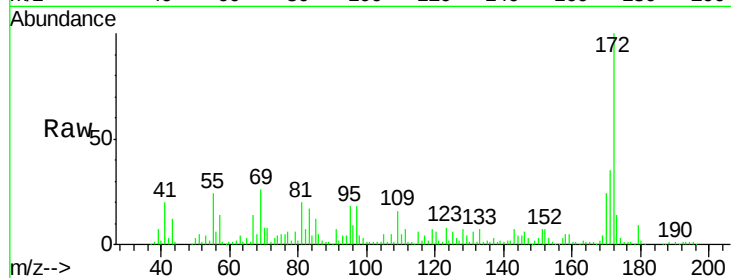




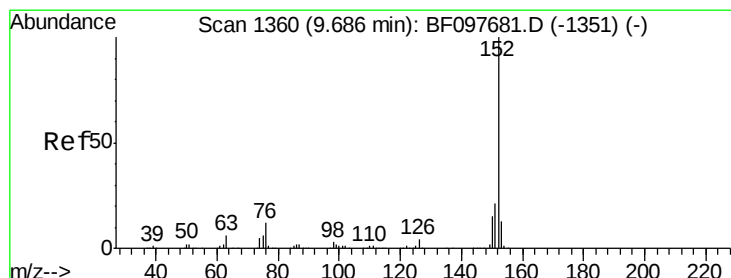
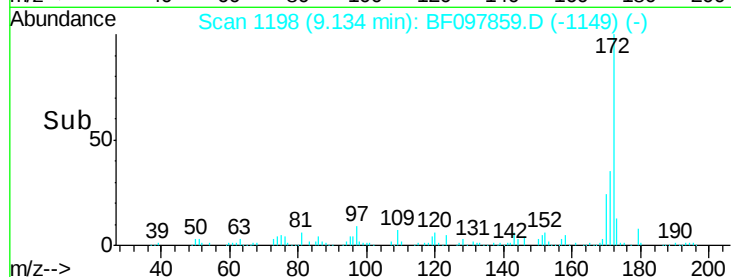
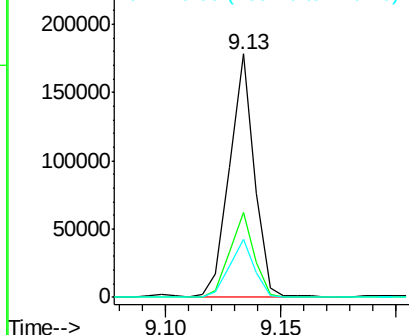
#44
 2-Fluorobiphenyl
 Concen: 11.16 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097859.D
 Acq: 19 Aug 2017 3:40

Instrument :
 BNA_F
 ClientSampleId :
 BC8B3

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.8	19.8	29.8

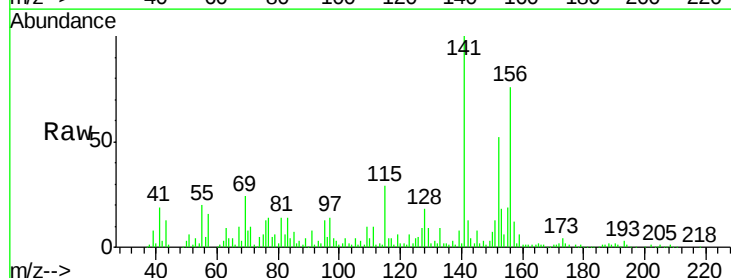


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

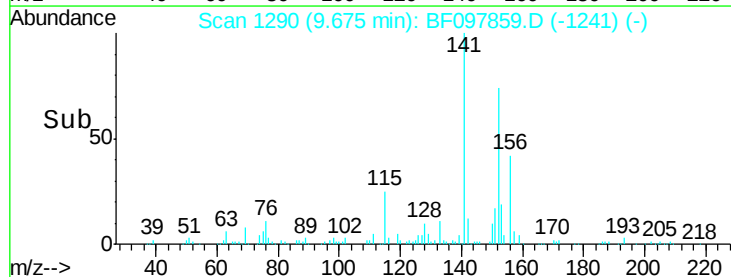
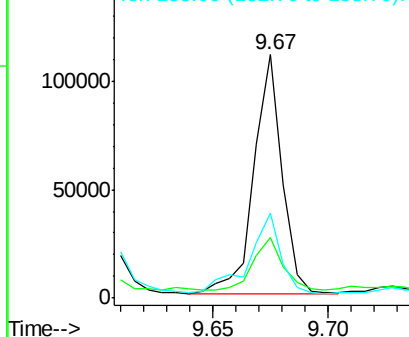


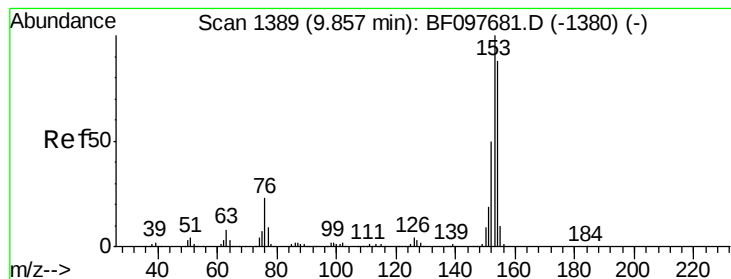
#48
 Acenaphthylene
 Concen: 5.05 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097859.D
 Acq: 19 Aug 2017 3:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.9	16.8	25.2
153	35.1	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





#51

Acenaphthene

Concen: 20.24 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

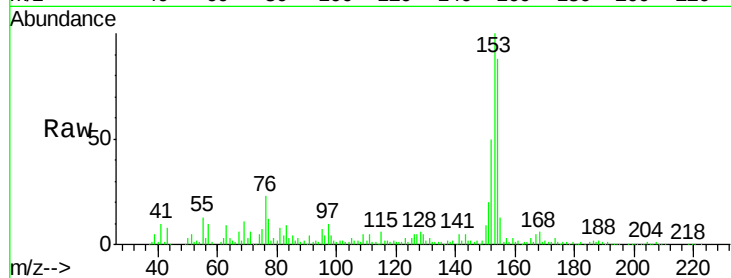
Tot Ion:154 Resp: 235920

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

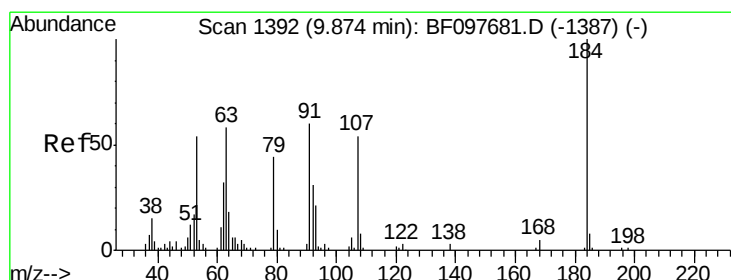
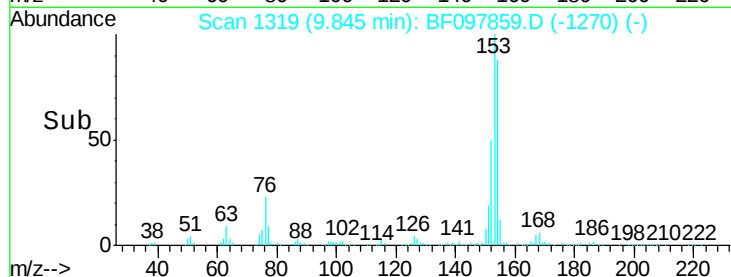
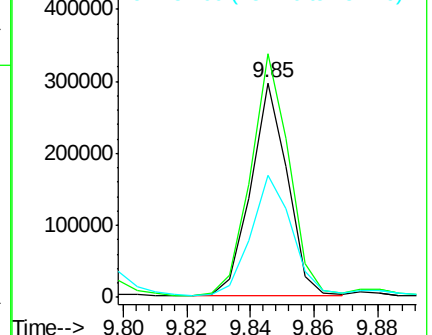
152 56.9 43.6 65.4



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



#53

2,4-Dinitrophenol

Concen: 10.45 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

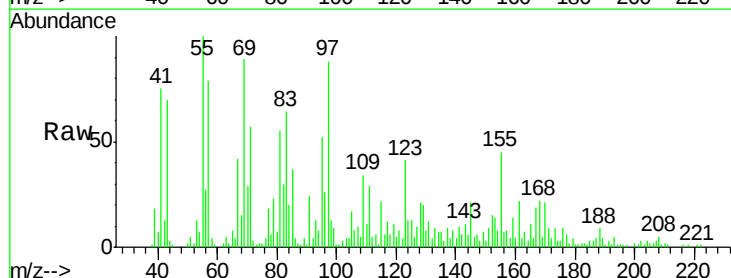
Tgt Ion:184 Resp: 423

Ion Ratio Lower Upper

184 100

63 748.3 62.7 94.1#

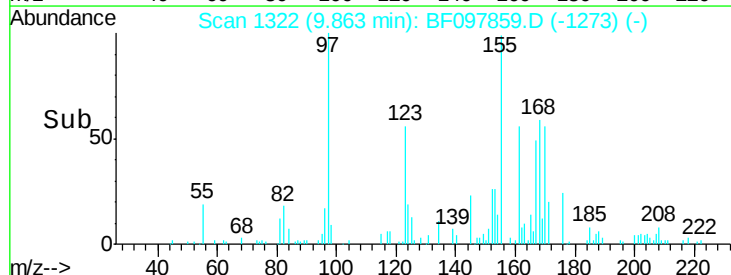
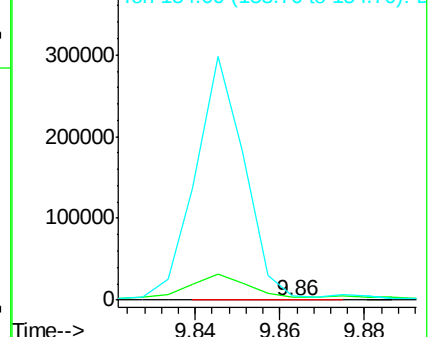
154 1161.2 81.1 121.7#

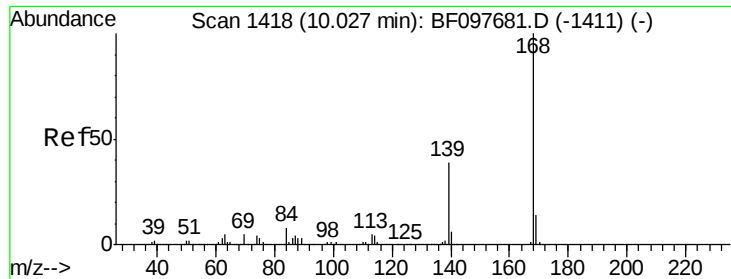


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.34 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

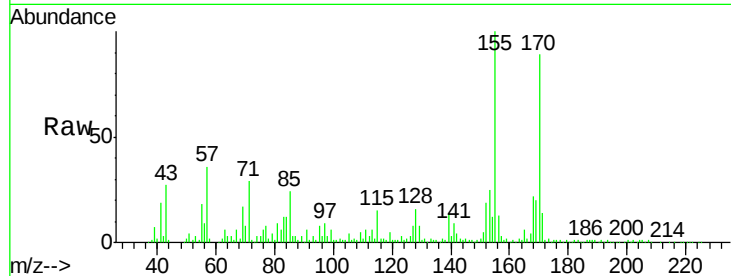
Tot Ion:168 Resp: 52155

Ion Ratio Lower Upper

168 100

139 66.2 30.6 45.8#

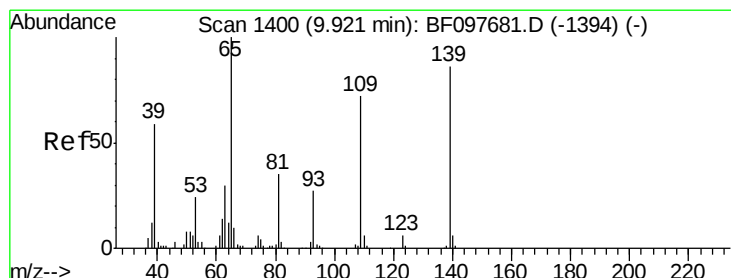
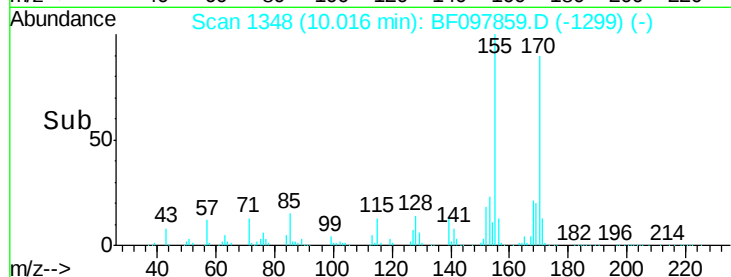
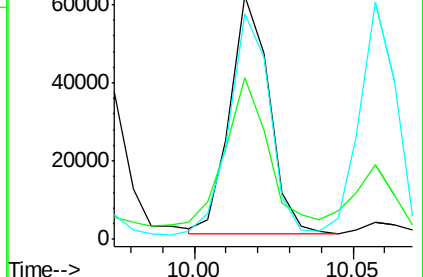
169 92.9 10.8 16.2#



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



#55

4-Nitrophenol

Concen: 10.56 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

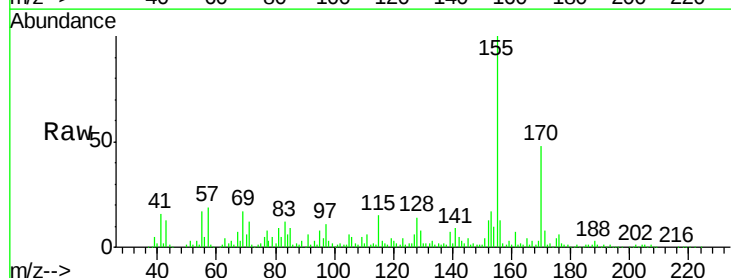
Tgt Ion:139 Resp: 27708

Ion Ratio Lower Upper

139 100

109 73.0 34.1 74.1

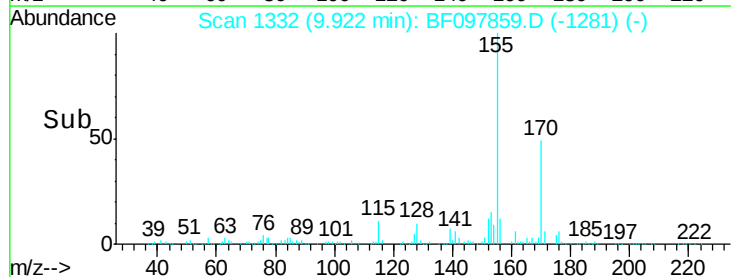
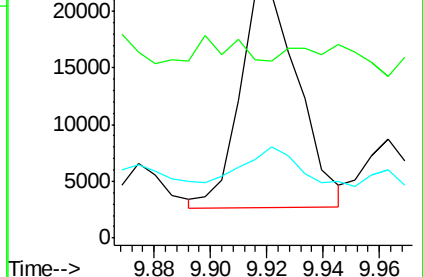
65 37.6 31.4 71.4

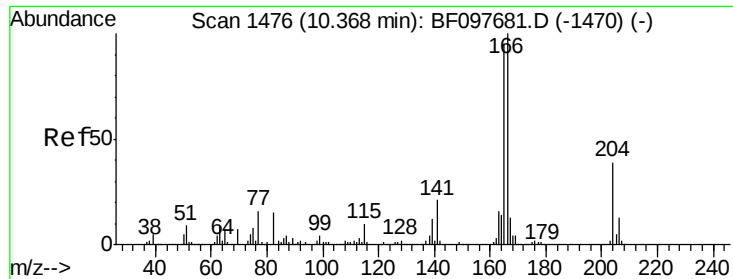


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

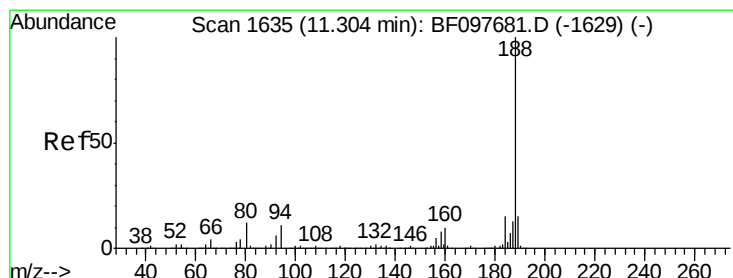
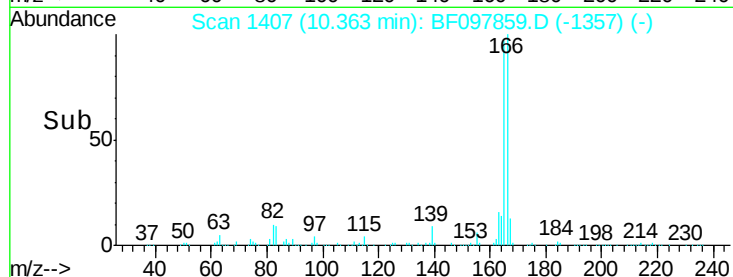
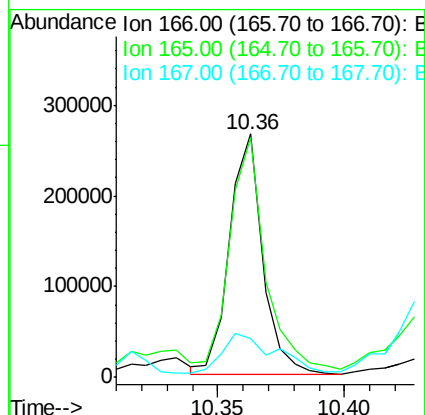
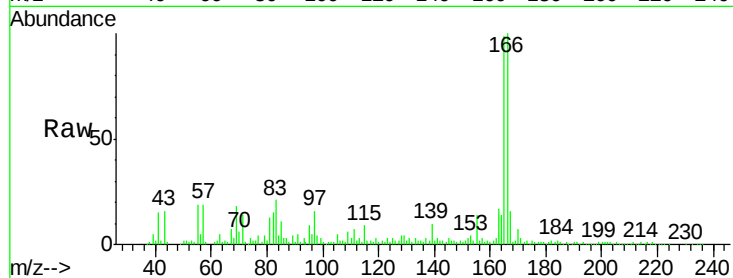




#57
Fluorene
 Concen: 19.92 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097859.D
 Acq: 19 Aug 2017 3:40

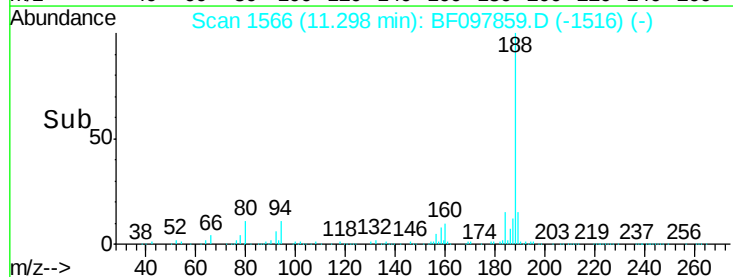
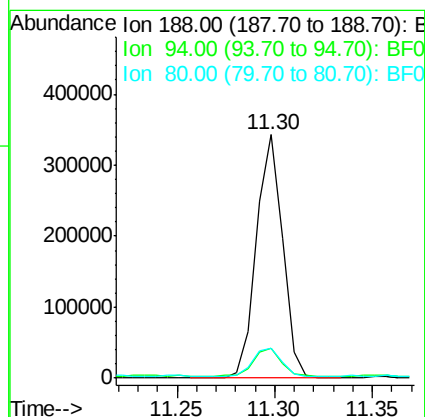
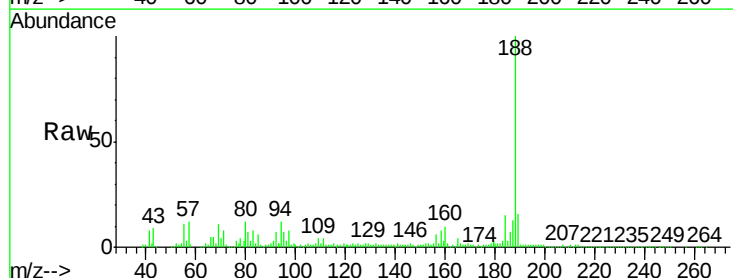
Instrument :
 BNA_F
 ClientSampleId :
 BC8B3

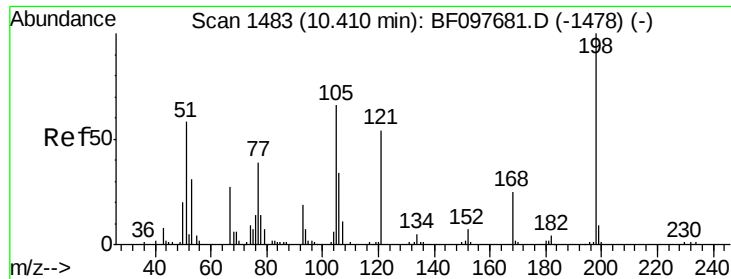
Tot Ion:166 Resp: 240539
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.8 118.2
 167 16.1 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097859.D
 Acq: 19 Aug 2017 3:40

Tgt Ion:188 Resp: 318514
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 12.3 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.90 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.03 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampled :

BC8B3

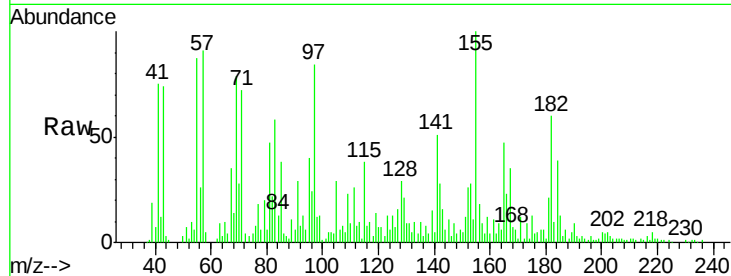
Tot Ion:198 Resp: 1050

Ion Ratio Lower Upper

198 100

51 468.4 53.2 93.2#

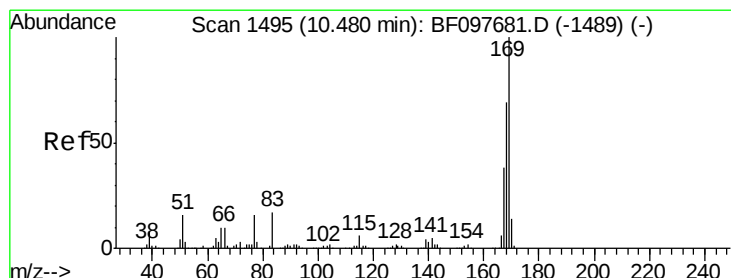
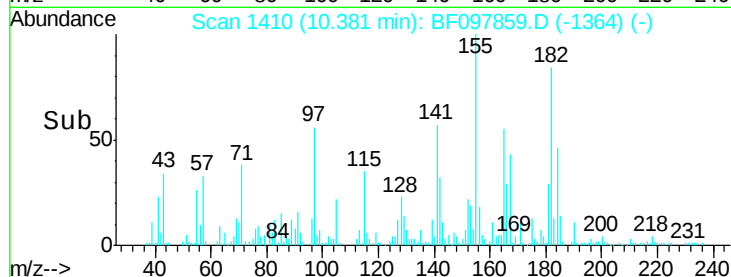
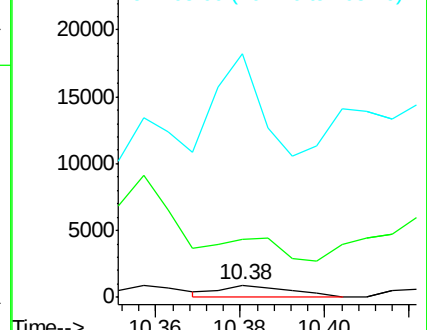
105 1965.0 45.8 85.8#



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



#65

n-Nitrosodiphenylamine

Concen: 7.54 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

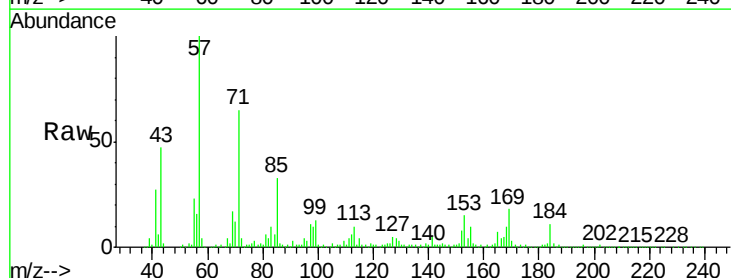
Tgt Ion:169 Resp: 81747

Ion Ratio Lower Upper

169 100

168 54.8 53.2 79.8

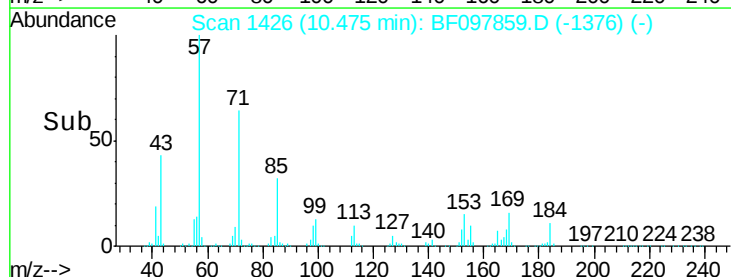
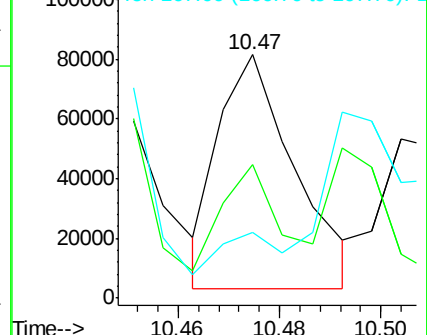
167 27.0 29.5 44.3#

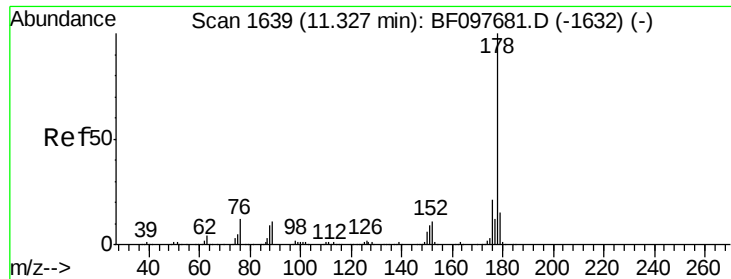


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

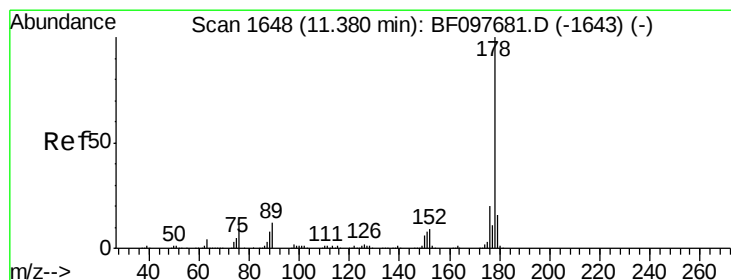
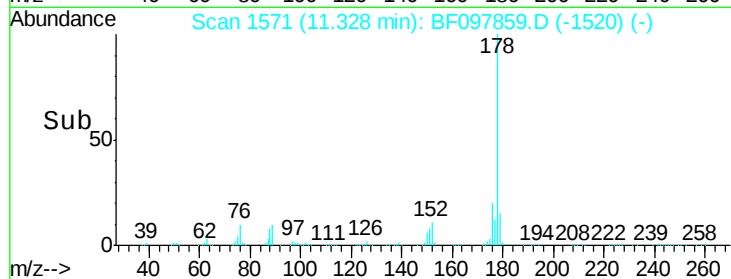
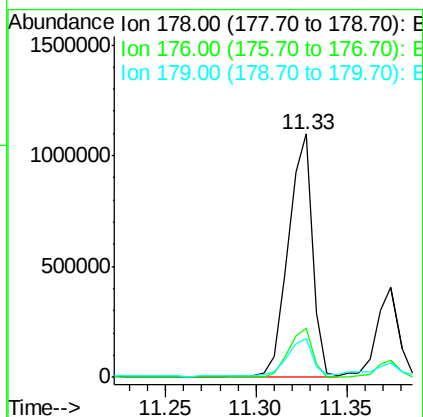
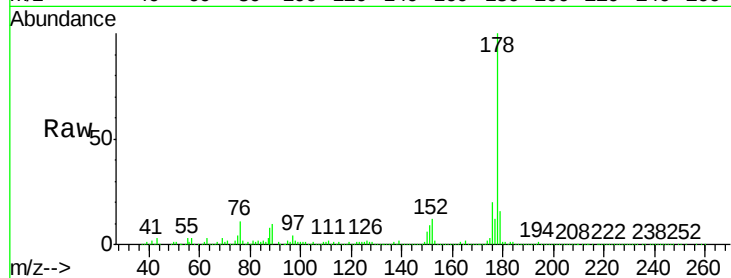




#70
Phenanthrene
Concen: 60.13 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

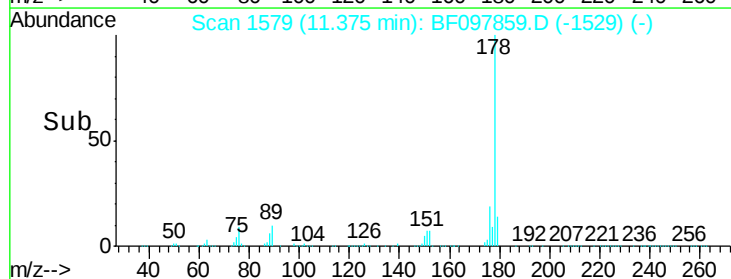
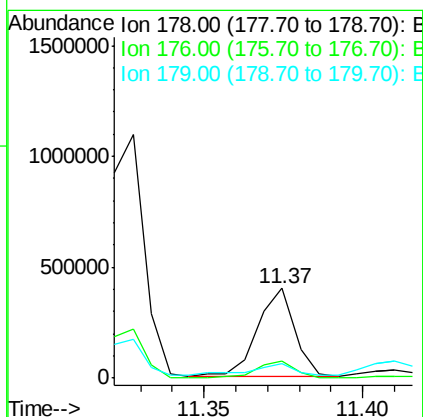
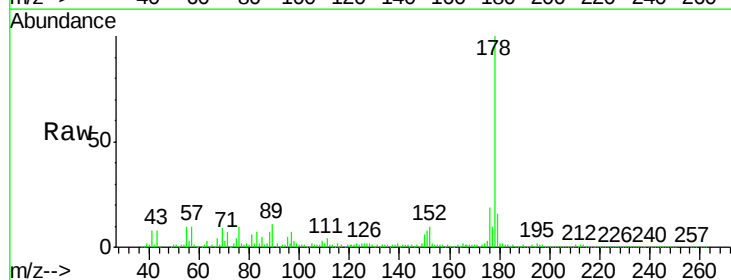
Instrument :
BNA_F
ClientSampled :
BC8B3

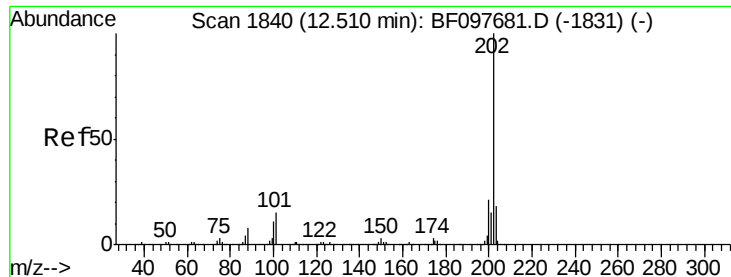
Tot Ion:178 Resp: 1020535
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.0 12.6 19.0



#71
Anthracene
Concen: 18.66 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

Tgt Ion:178 Resp: 321282
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.7 12.7 19.1





#74

Fluoranthene

Concen: 23.90 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

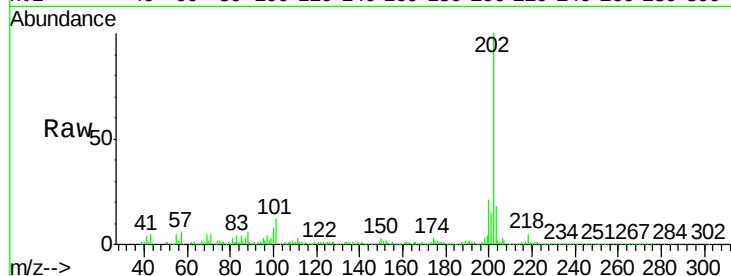
Tot Ion:202 Resp: 423445

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

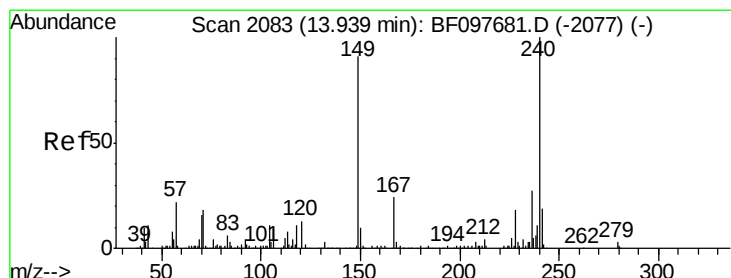
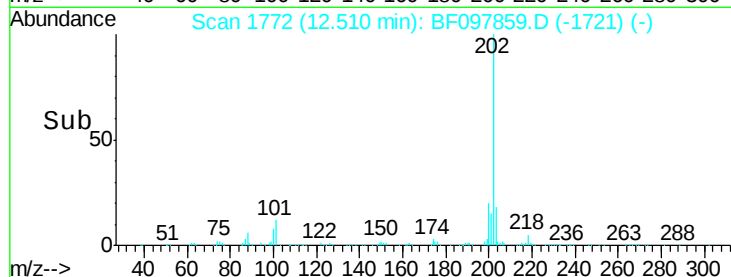
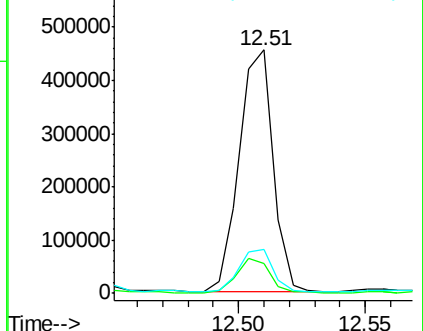
203 18.1 0.0 38.1



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: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

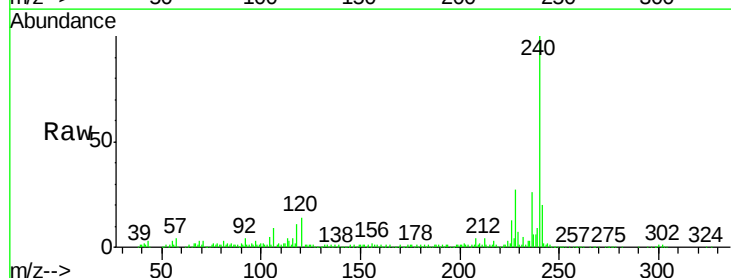
Tgt Ion:240 Resp: 260064

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

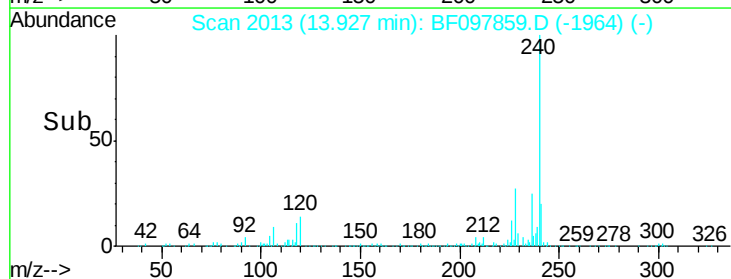
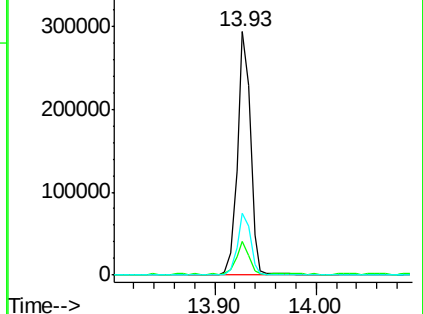
236 25.7 20.5 30.7

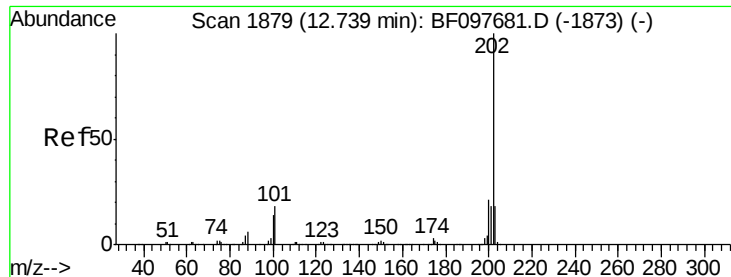


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.51 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

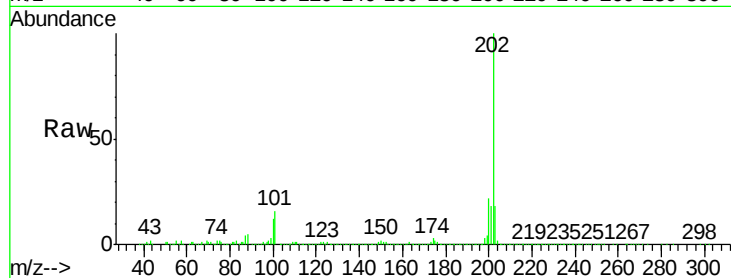
Tot Ion:202 Resp: 925450

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

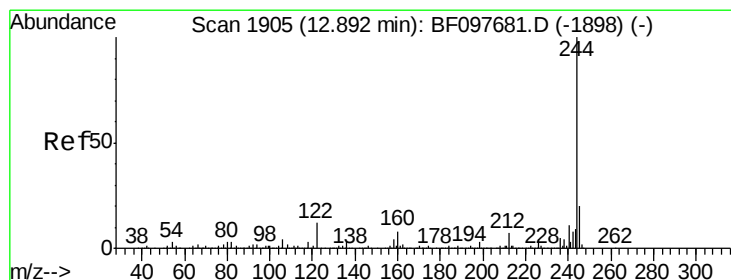
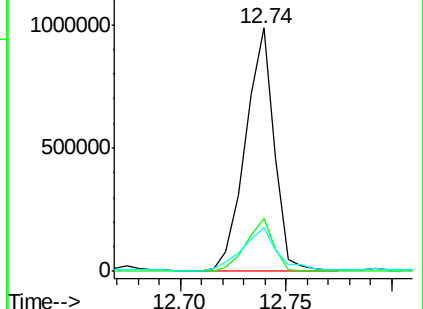
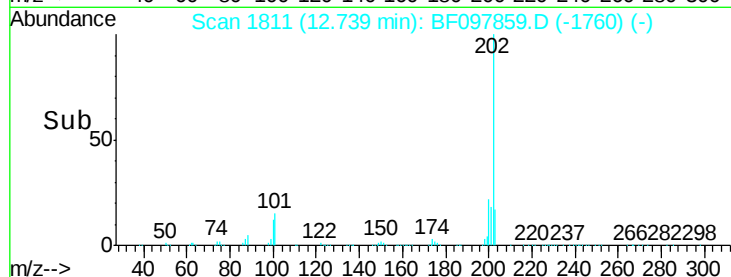
203 18.3 14.4 21.6



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: 8.50 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

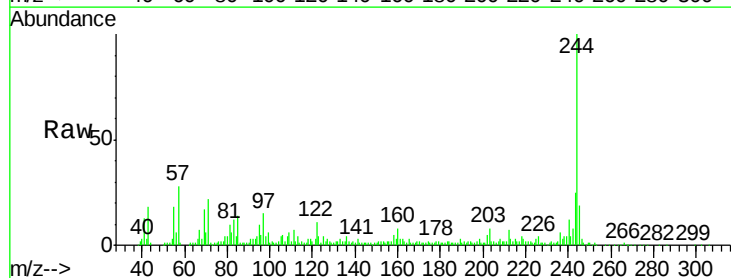
Tgt Ion:244 Resp: 106034

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

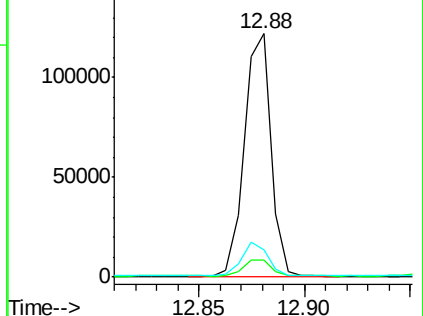
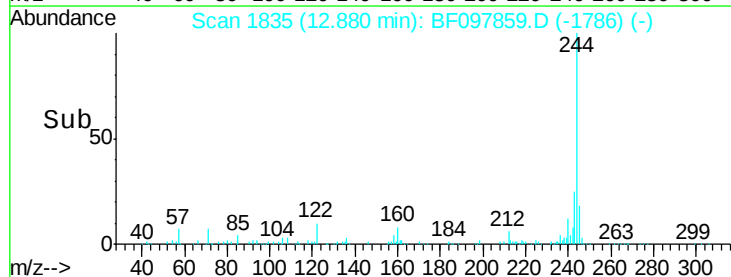
122 11.5 10.3 15.5

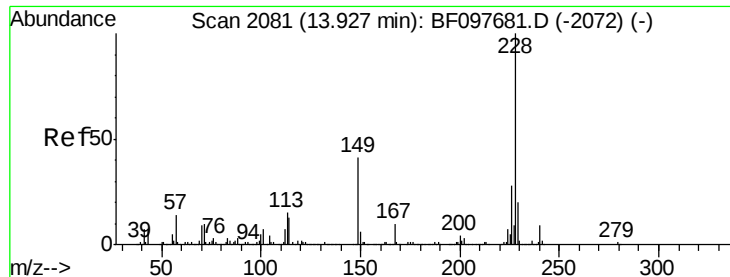


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 14.75 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.02 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampled :

BC8B3

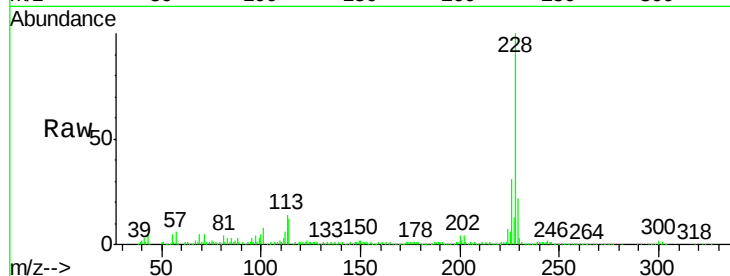
Tot Ion:228 Resp: 229927

Ion Ratio Lower Upper

228 100

226 30.9 22.6 33.8

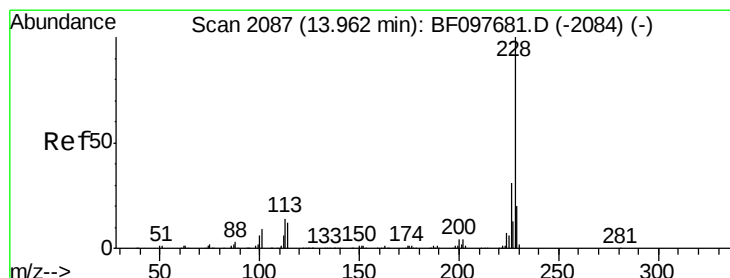
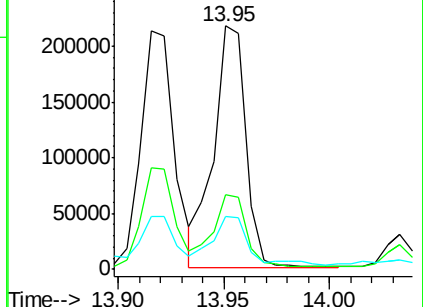
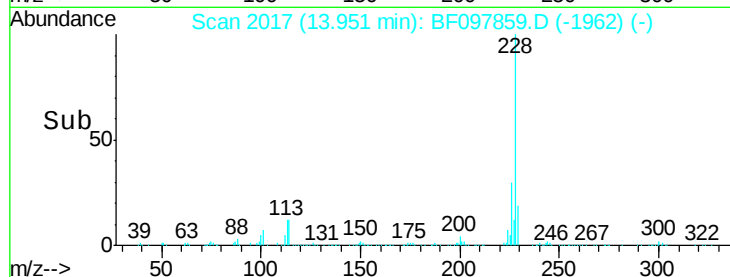
229 21.7 16.3 24.5



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: 14.83 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

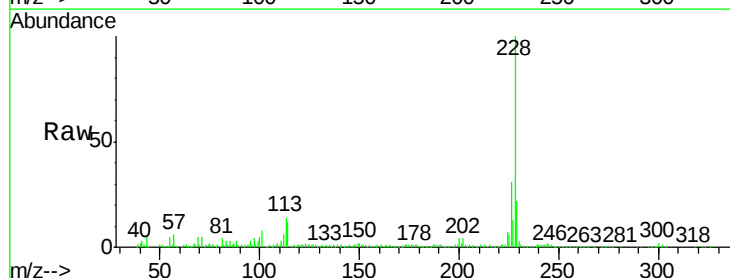
Tgt Ion:228 Resp: 229927

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

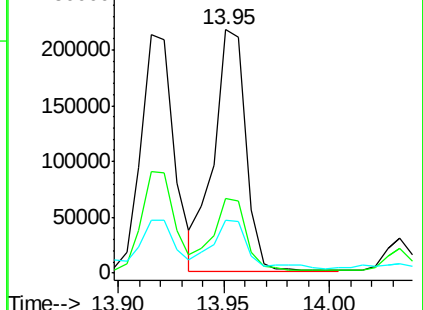
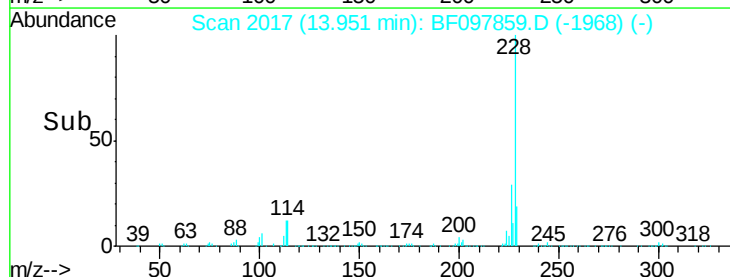
229 21.7 15.8 23.6

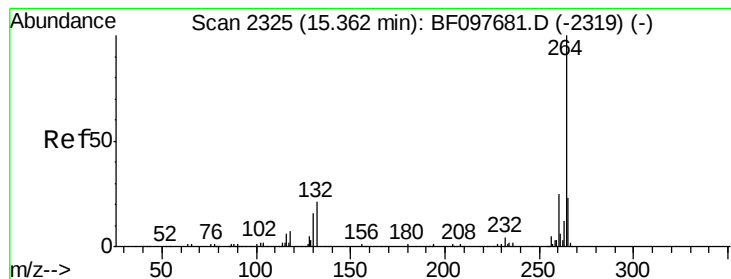


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

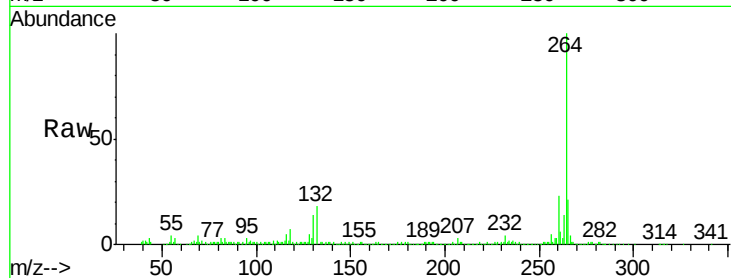
Tot Ion:264 Resp: 230200

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

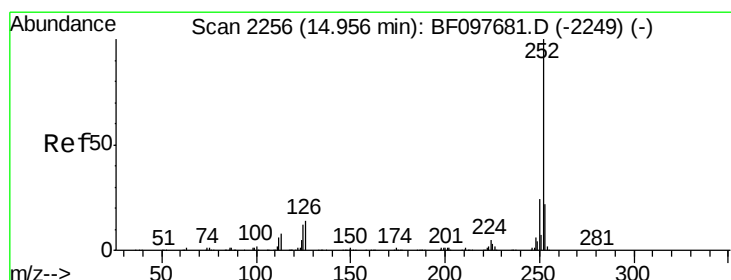
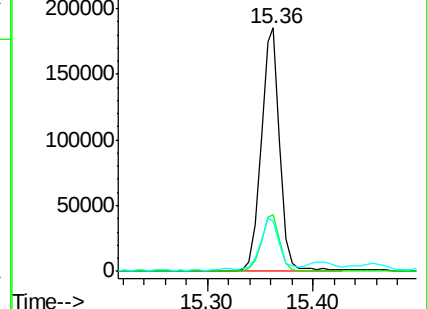
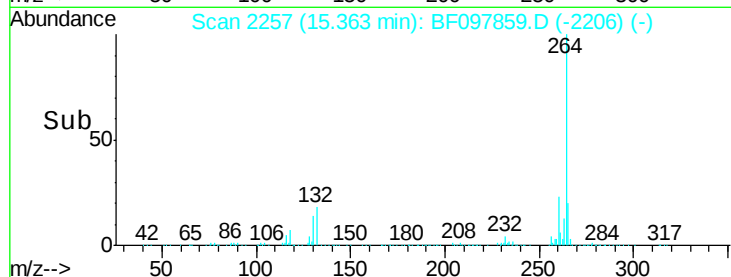
265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 16.86 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

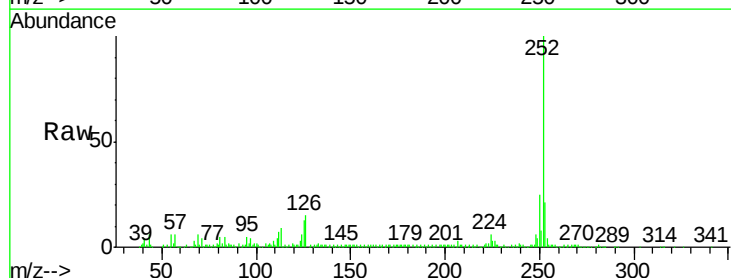
Tgt Ion:252 Resp: 244701

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

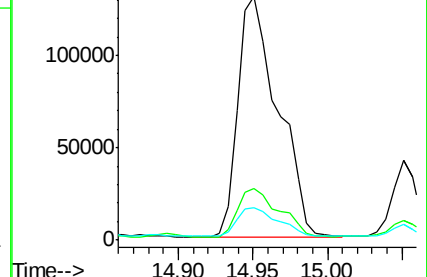
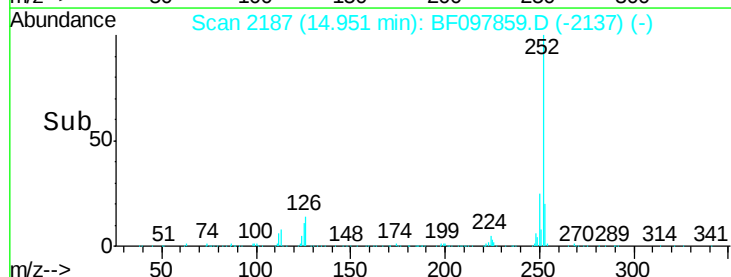
125 13.1 9.8 14.8

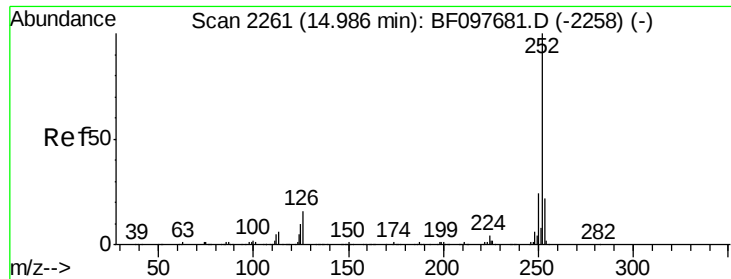


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 17.95 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.04 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

Instrument :

BNA_F

ClientSampleId :

BC8B3

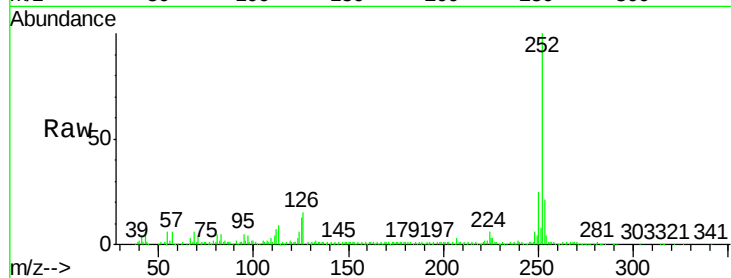
Tot Ion:252 Resp: 244701

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

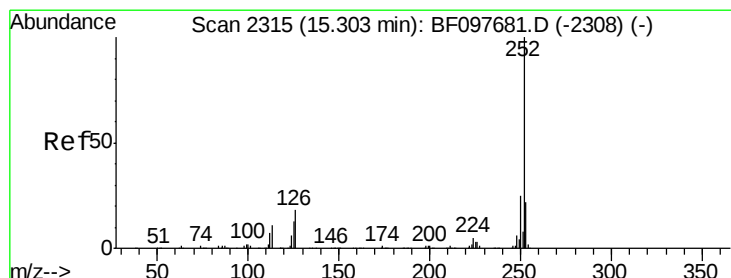
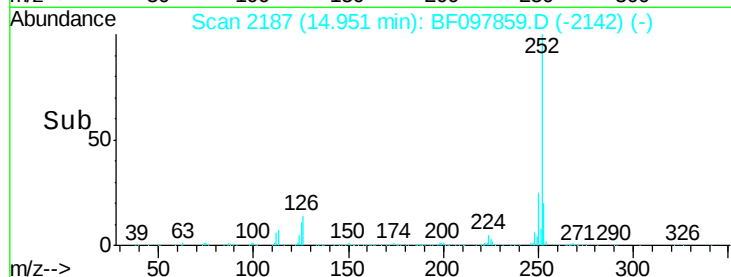
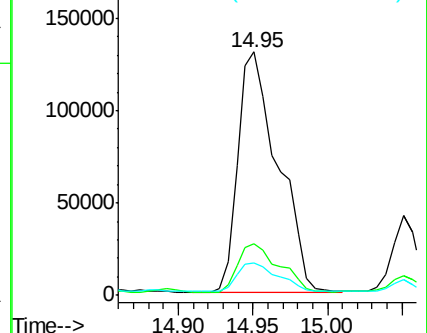
125 13.1 13.1 19.7



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: 19.48 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF097859.D

Acq: 19 Aug 2017 3:40

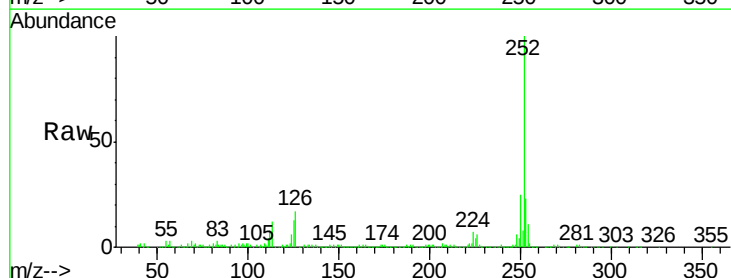
Tgt Ion:252 Resp: 250276

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

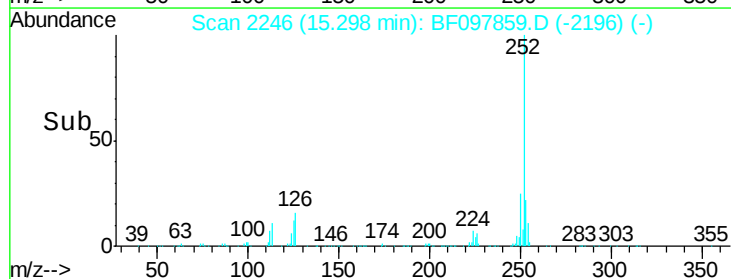
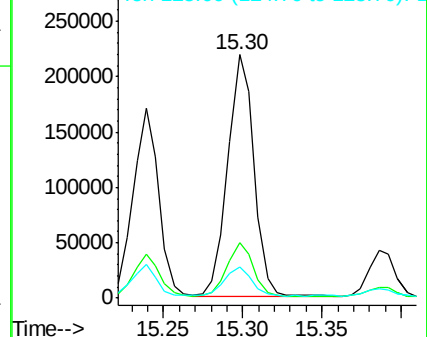
125 12.6 11.0 16.4

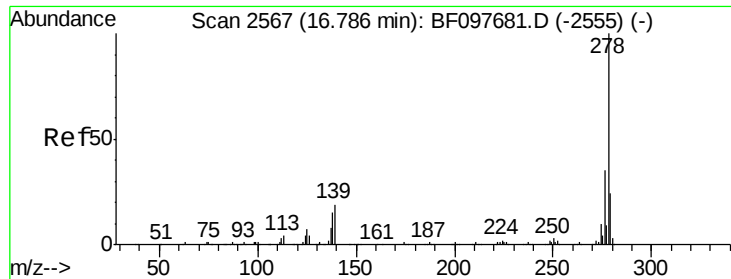


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

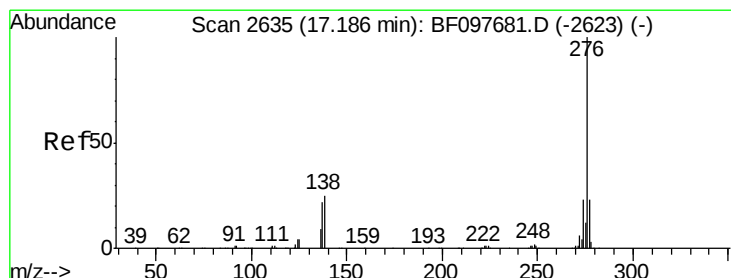
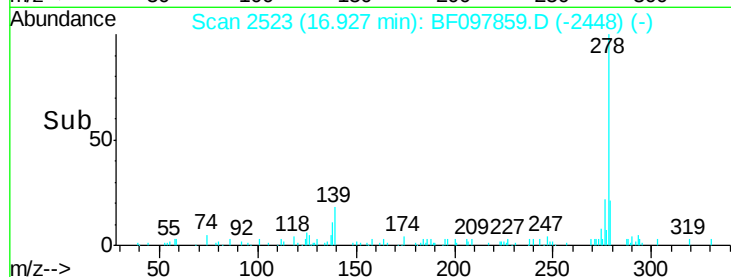
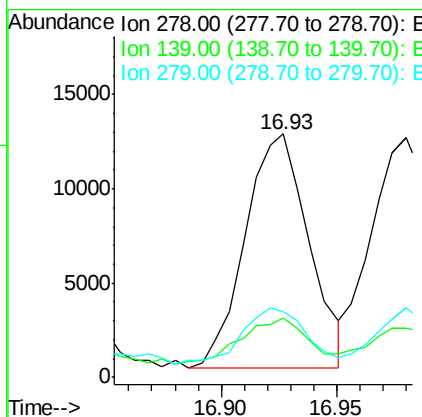
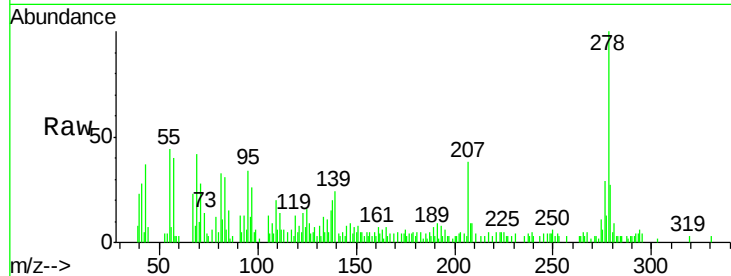




#90
Dibenzo(a,h)anthracene
Concen: 2.27 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.14 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

Instrument :
BNA_F
ClientSampleId :
BC8B3

Tot Ion:278 Resp: 23730
Ion Ratio Lower Upper
278 100
139 24.3 16.6 24.8
279 26.9 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.21 min
Lab File: BF097859.D
Acq: 19 Aug 2017 3:40

Tgt Ion:276 Resp: 36041
Ion Ratio Lower Upper
276 100
277 26.8 18.6 28.0
138 28.9 25.4 38.0

