

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097664.D
 Acq On : 13 Aug 2017 9:30
 Operator : SJ/JU
 Sample : I4736-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Quant Time: Aug 14 05:28:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	129420	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	550347	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	201699	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	245308	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	172658	20.00	ng	0.00
86) Perylene-d12	20.13	264	170380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	605815	74.40	ng	0.02
7) Phenol-d6	7.07	99	719869	71.27	ng	0.01
23) Nitrobenzene-d5	8.41	82	465739	53.06	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	73462	47.91	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	612930	45.86	ng	-0.02
78) Terphenyl-d14	17.10	244	281509	33.74	ng	-0.02

Target Compounds

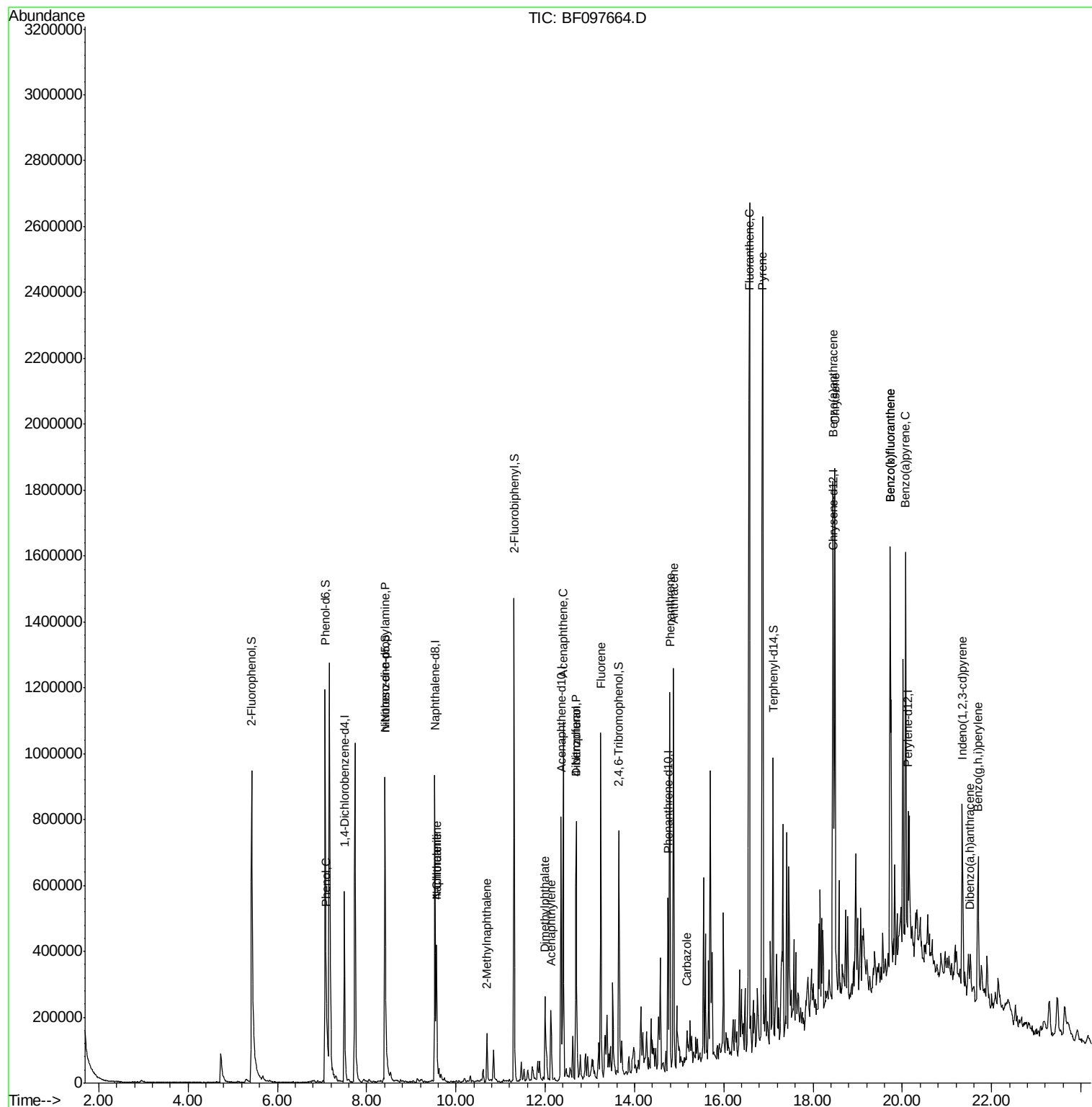
						Qvalue
10) Phenol	7.09	94	31592	2.86	ng	# 56
19) n-Nitroso-di-n-propylamine	8.41	70	58728	8.36	ng	# 83
31) Naphthalene	9.56	128	287087	10.41	ng	99
33) 4-Chloroaniline	9.56	127	35818	3.14	ng	# 33
37) 2-Methylnaphthalene	10.69	142	56566	3.26	ng	95
48) Acenaphthylene	12.12	152	115989	5.49	ng	98
49) Dimethylphthalate	12.00	163	121885	7.84	ng	99
51) Acenaphthene	12.40	154	306137	24.18	ng	99
54) Dibenzofuran	12.69	168	399294	22.53	ng	98
55) 4-Nitrophenol	12.69	139	154863	96.75	ng	# 27
57) Fluorene	13.24	166	372651	25.57	ng	99
70) Phenanthrene	14.79	178	593993	42.04	ng	100
71) Anthracene	14.87	178	621365	42.98	ng	99
72) Carbazole	15.17	167	58644	4.26	ng	98
74) Fluoranthene	16.57	202	1793261	140.46	ng	98
77) Pyrene	16.87	202	1635054	114.52	ng	97
80) Benzo(a)anthracene	18.45	228	853398	84.63	ng	99
82) Chrysene	18.49	228	750936	74.87	ng	98
85) Indeno(1,2,3-cd)pyrene	21.34	276	307660	39.44	ng	99
87) Benzo(b)fluoranthene	19.73	252	1115017	108.98	ng	# 97
88) Benzo(k)fluoranthene	19.73	252	1115017	108.21	ng	98
89) Benzo(a)pyrene	20.08	252	638177	67.96	ng	99
90) Dibenzo(a,h)anthracene	21.53	278	44005	6.54	ng	94
91) Benzo(g,h,i)perylene	21.70	276	300704	40.77	ng	96

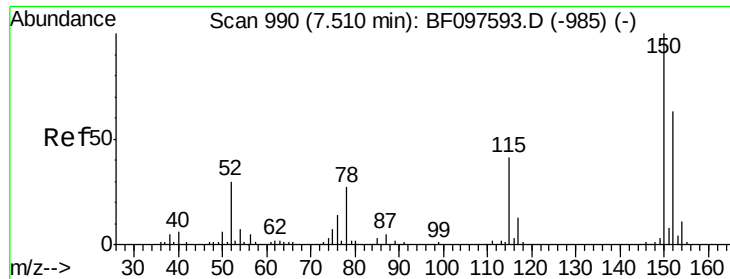
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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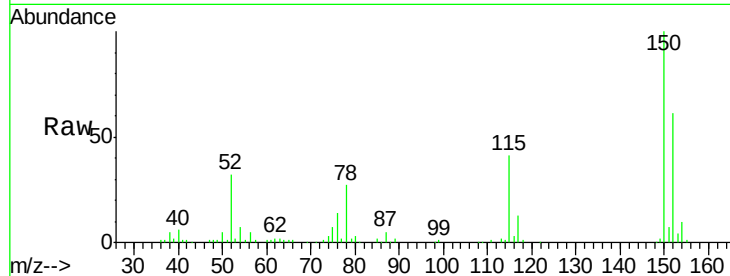


#1

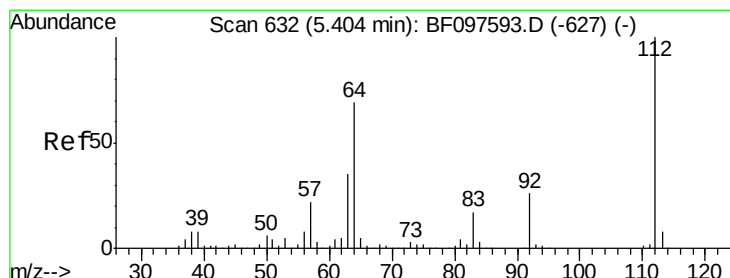
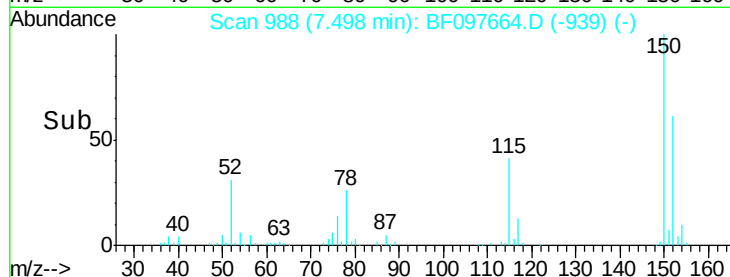
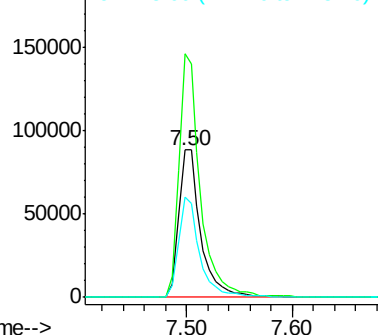
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tot Ion:152 Resp: 129420
Ion Ratio Lower Upper
152 100
150 165.1 126.2 189.2
115 68.1 52.2 78.2



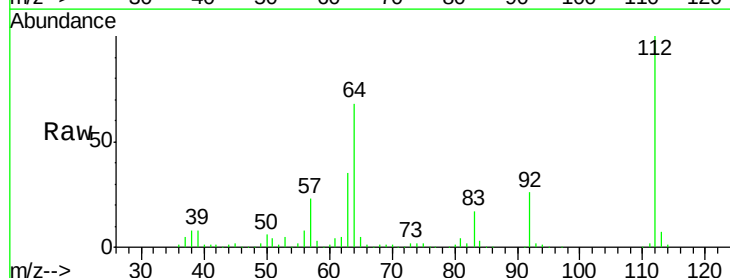
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



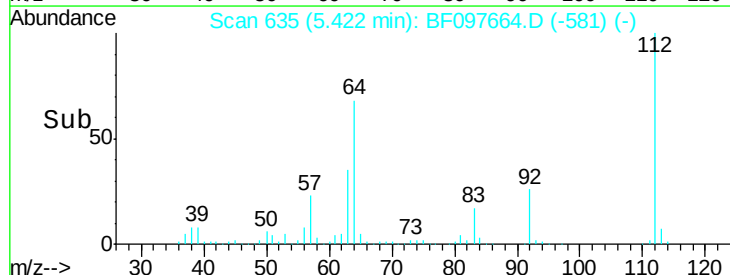
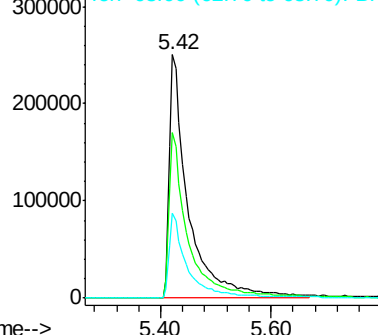
#5

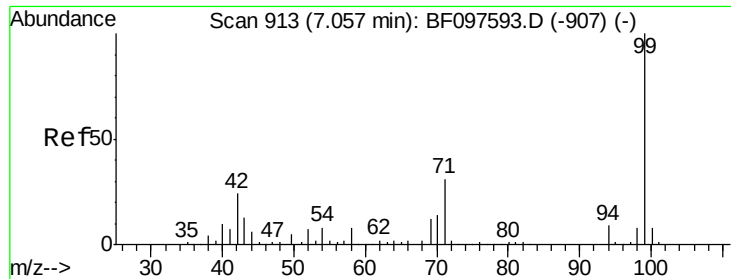
2-Fluorophenol
Concen: 74.40 ng
RT: 5.42 min Scan# 635
Delta R.T. 0.02 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

Tgt Ion:112 Resp: 605815
Ion Ratio Lower Upper
112 100
64 67.8 46.0 69.0
63 34.8 23.4 35.0



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





#7

Phenol-d6

Concen: 71.27 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

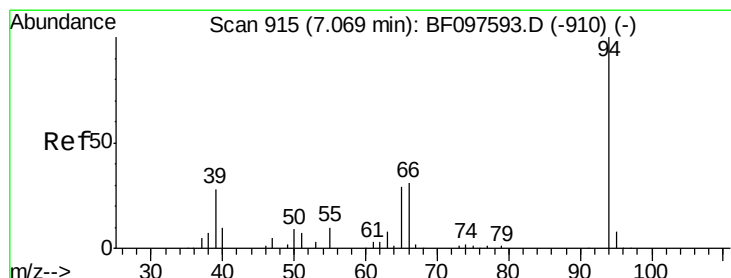
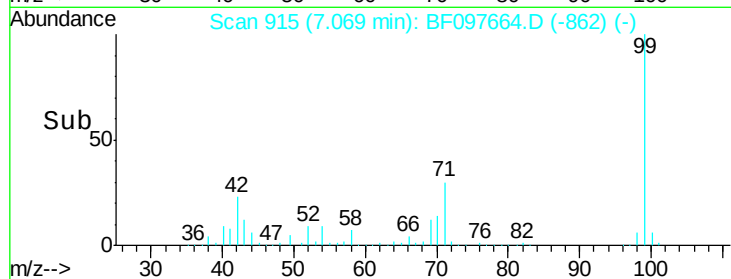
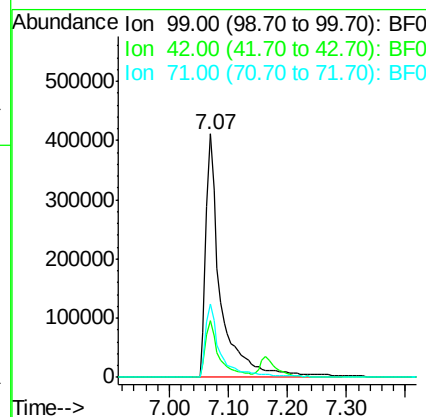
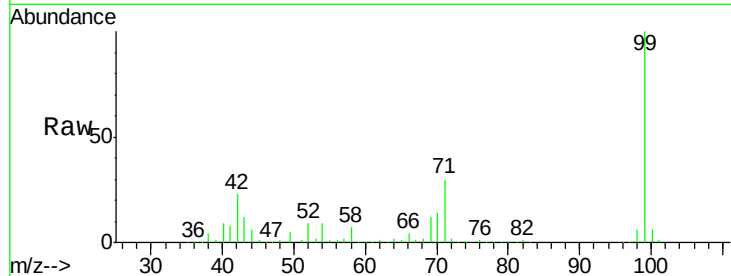
BNA_F

ClientSampleId :

SB-32-COMP

Tot Ion: 99 Resp: 719869

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	30.3	24.5	36.7



#10

Phenol

Concen: 2.86 ng

RT: 7.09 min Scan# 919

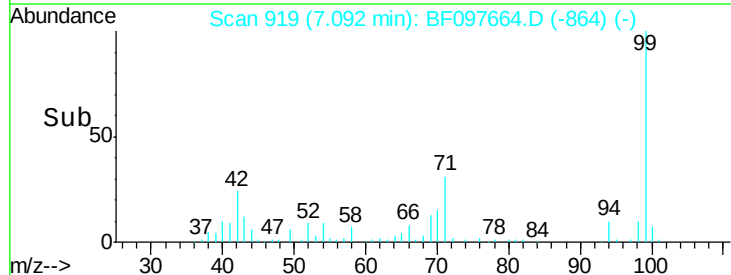
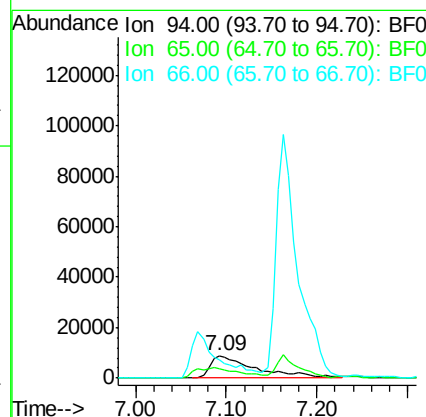
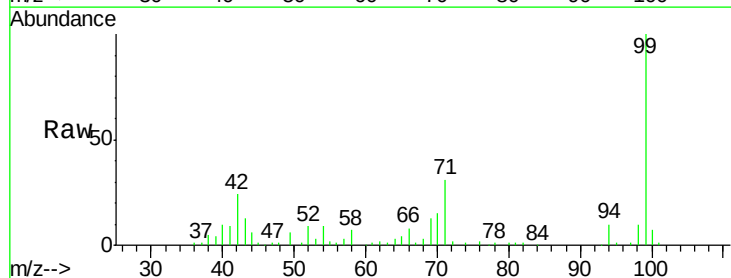
Delta R.T. 0.02 min

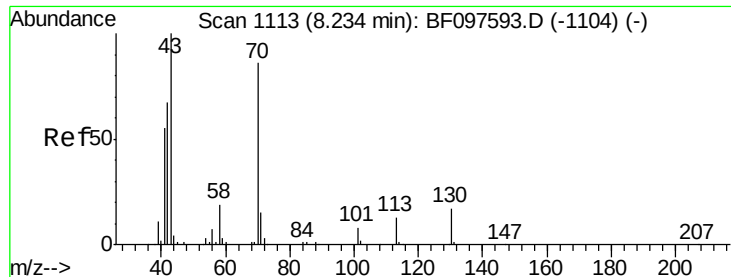
Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Tgt Ion: 94 Resp: 31592

Ion	Ratio	Lower	Upper
94	100		
65	41.6	9.9	49.9
66	81.2	23.1	63.1#

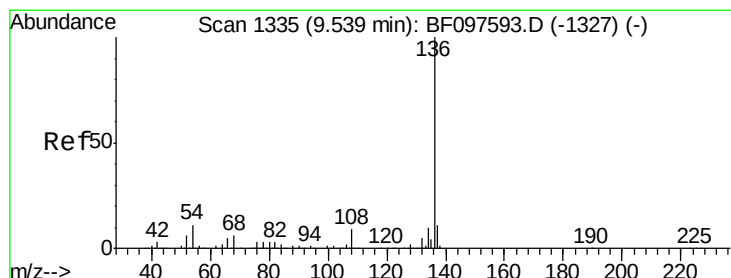
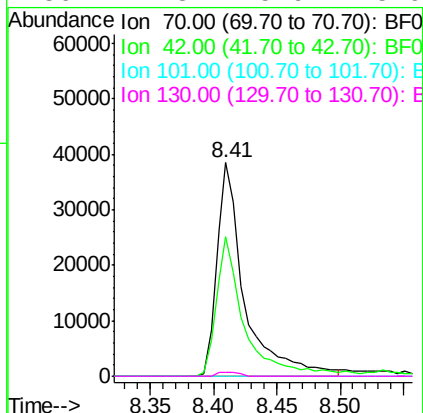
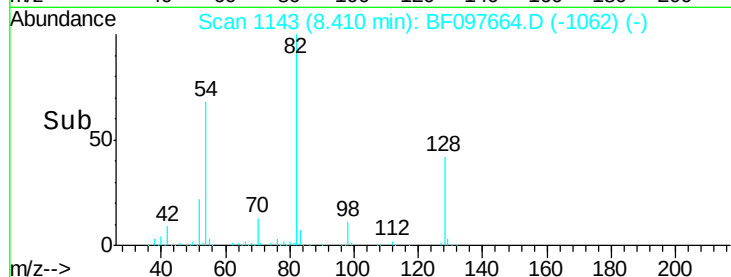
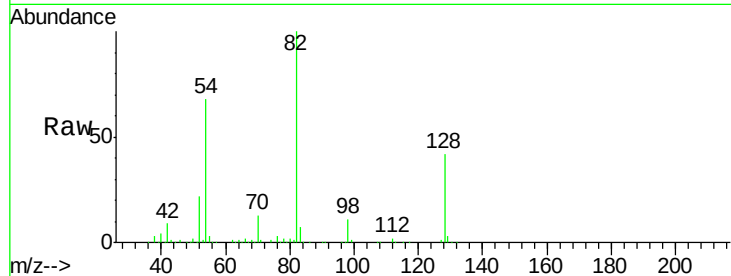




#19
n-Nitroso-di-n-propylamine
Concen: 8.36 ng
RT: 8.41 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

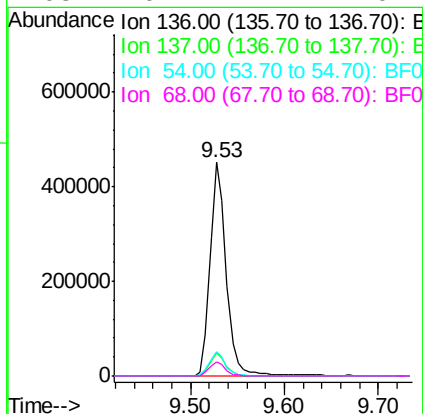
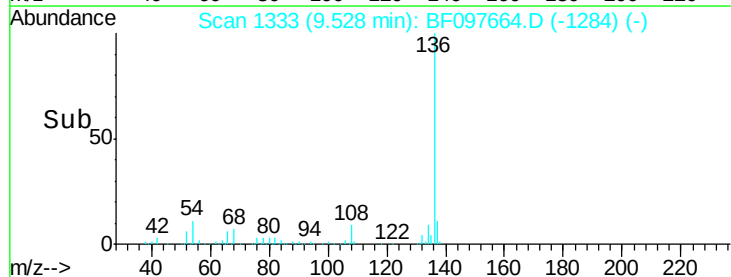
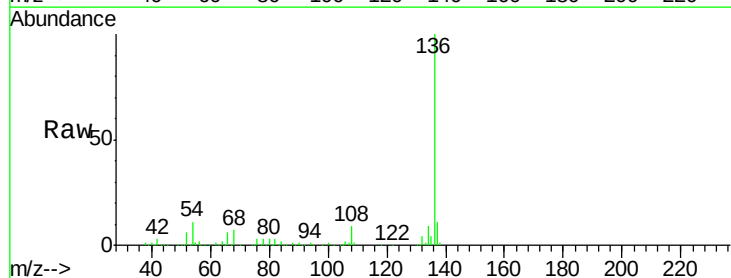
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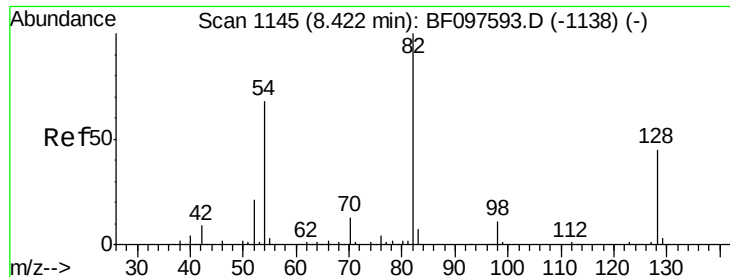
Tot Ion: 70 Resp: 58728
Ion Ratio Lower Upper
70 100
42 65.2 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

Tgt Ion: 136 Resp: 550347
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.3 4.9 7.3#
68 6.7 4.1 6.1#

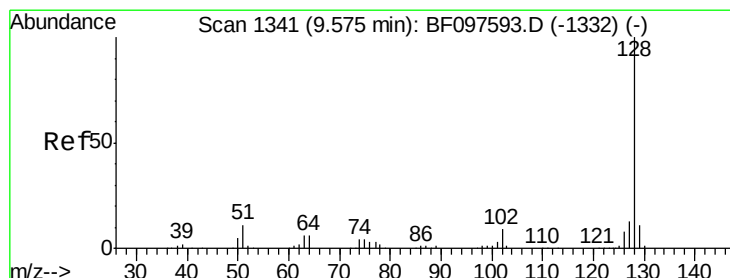
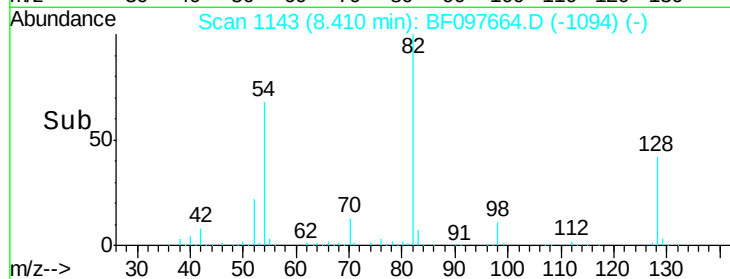
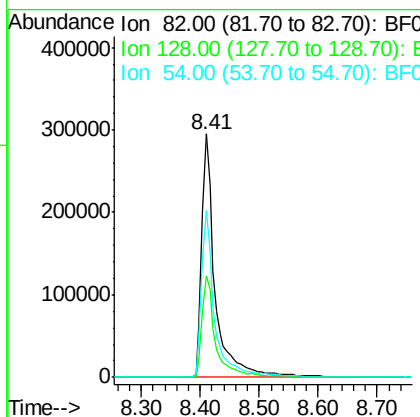
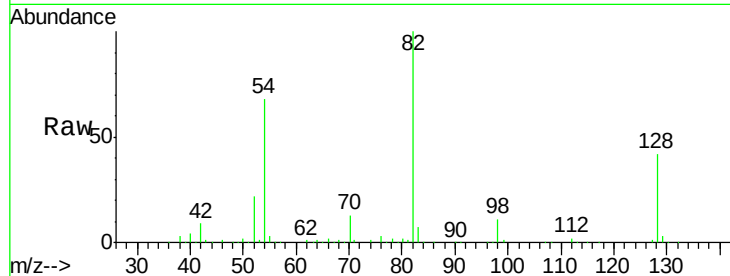




#23
Nitrobenzene-d5
Concen: 53.06 ng
RT: 8.41 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

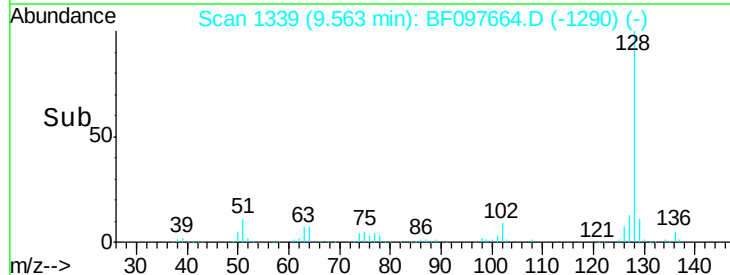
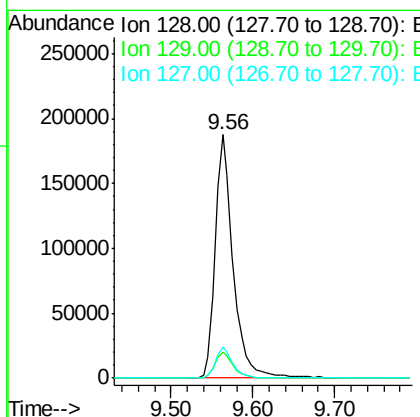
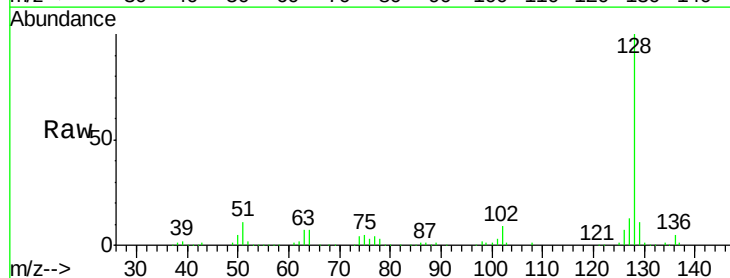
Instrument :
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ClientSampleId :
SB-32-COMP

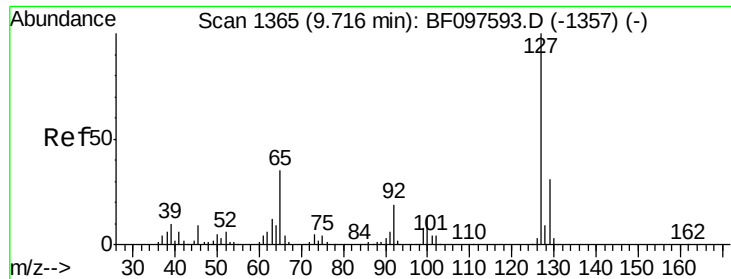
Tot Ion: 82 Resp: 465739
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 68.3 42.2 63.2#



#31
Naphthalene
Concen: 10.41 ng
RT: 9.56 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

Tgt Ion: 128 Resp: 287087
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.0 10.8 16.2

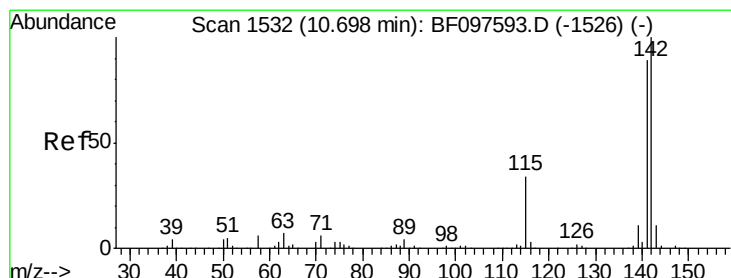
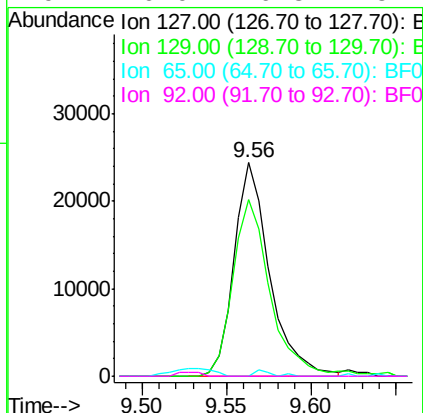
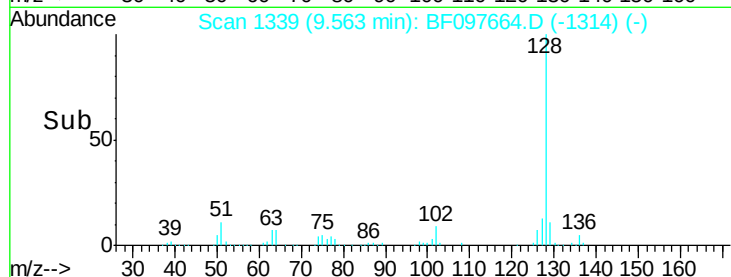
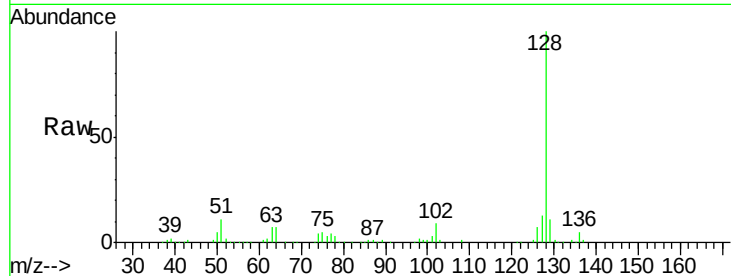




#33
4-Chloroaniline
Concen: 3.14 ng
RT: 9.56 min Scan# 1339
Delta R.T. -0.15 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

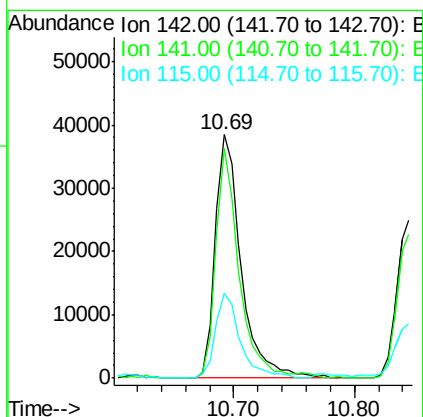
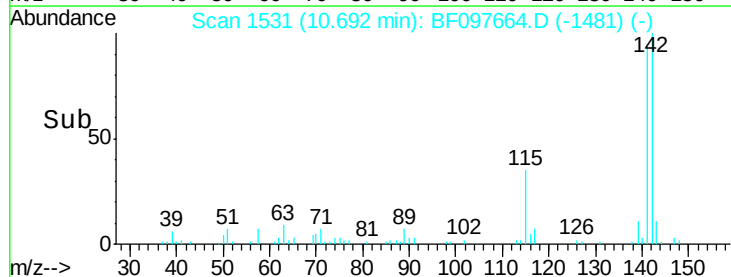
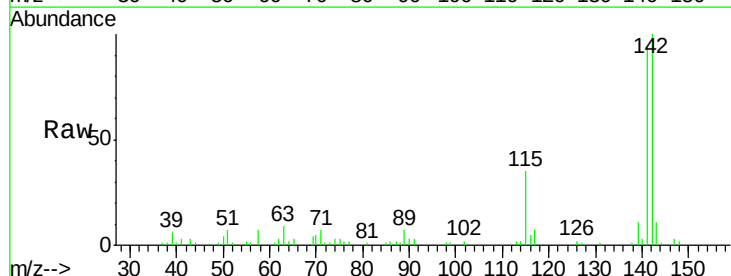
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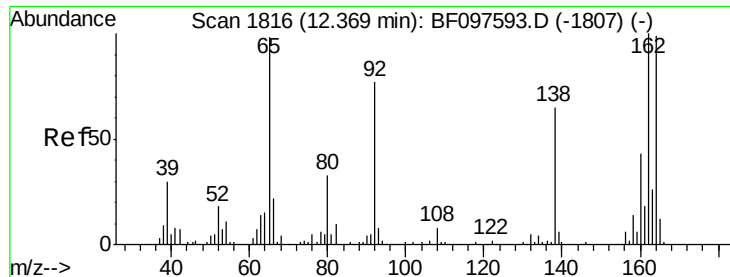
Tot Ion:	127	Resp:	35818
Ion	Ratio	Lower	Upper
127	100		
129	82.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 3.26 ng
RT: 10.69 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

Tgt Ion:	142	Resp:	56566
Ion	Ratio	Lower	Upper
142	100		
141	94.4	71.3	106.9
115	35.0	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.35 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

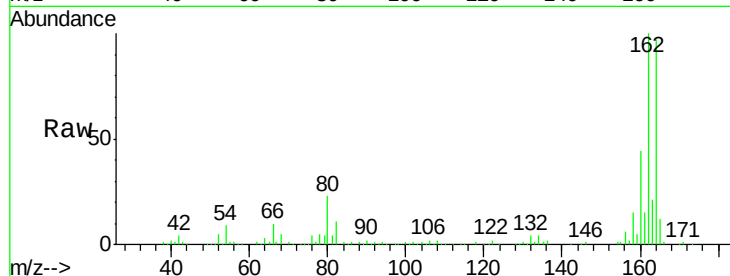
Tot Ion:164 Resp: 201699

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

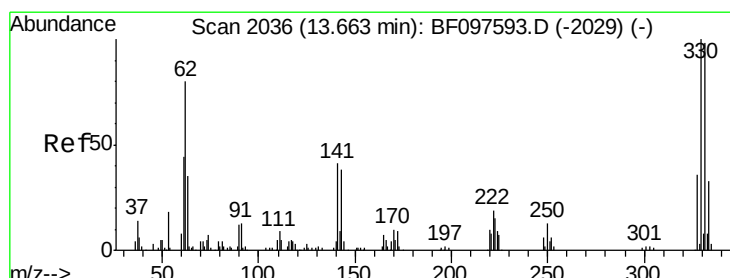
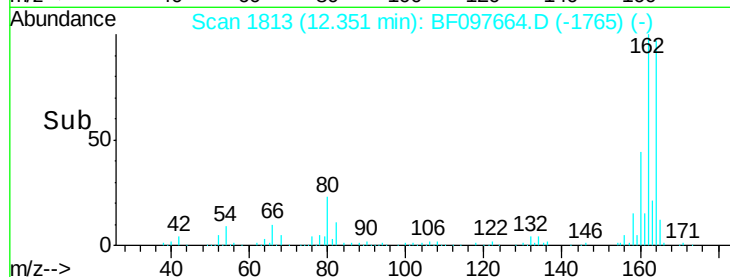
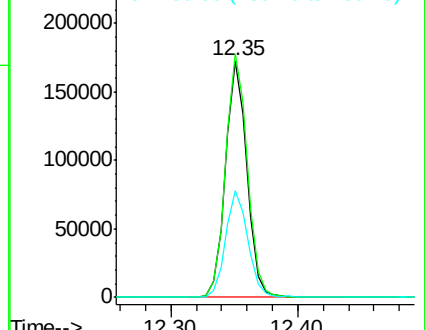
160 45.0 36.2 54.2



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: 47.91 ng

RT: 13.65 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

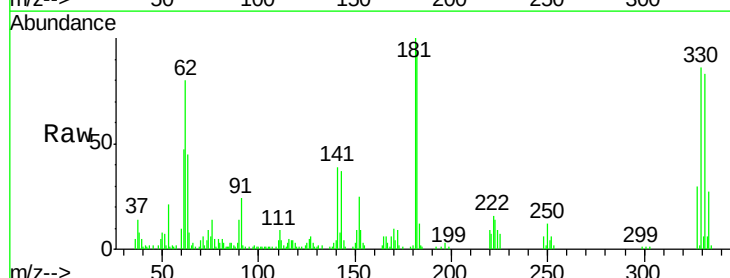
Tgt Ion:330 Resp: 73462

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

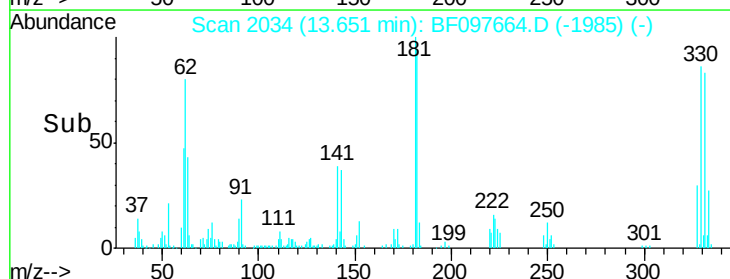
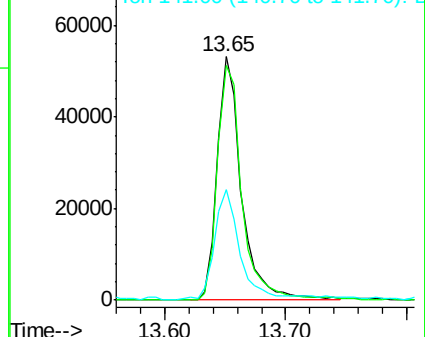
141 46.8 31.4 47.2

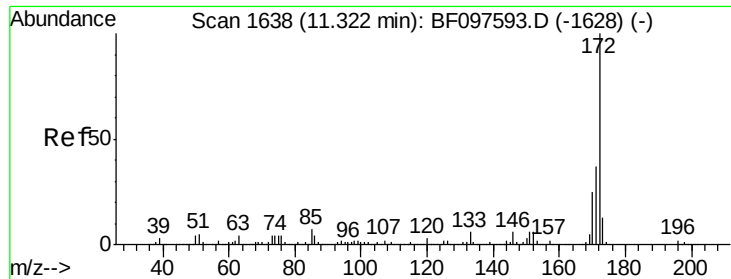


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

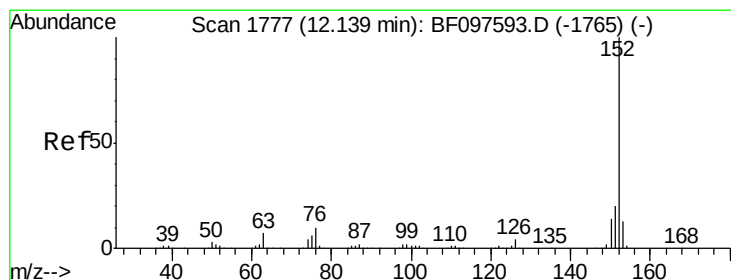
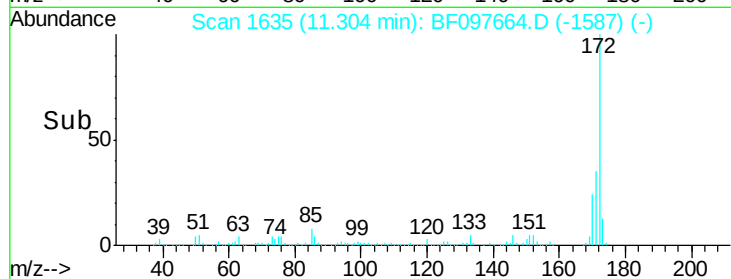
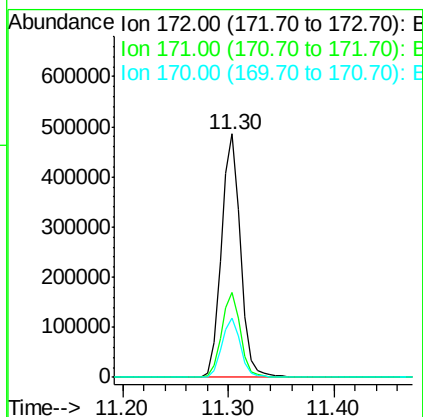
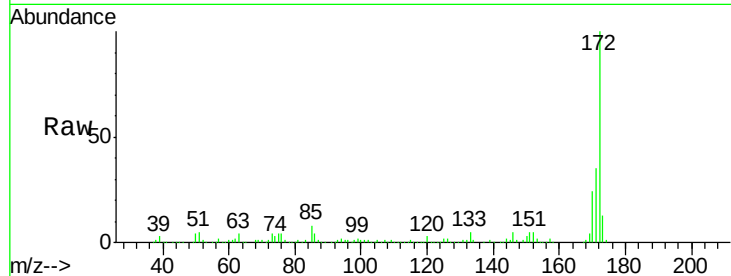




#44
2-Fluorobiphenyl
Concen: 45.86 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

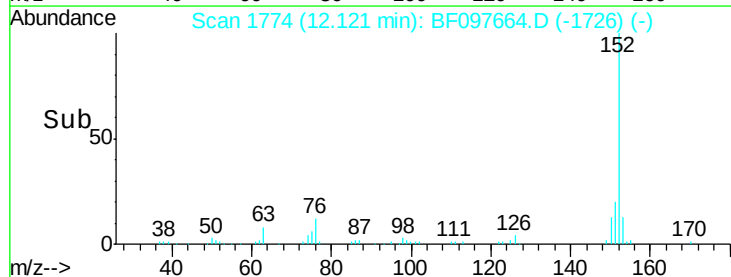
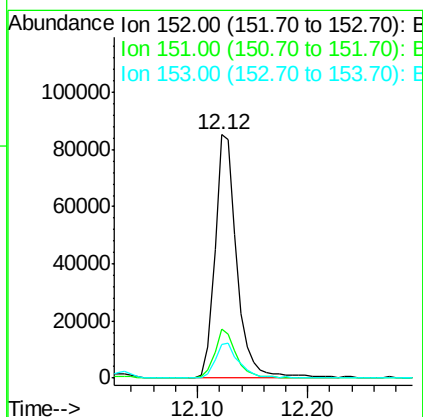
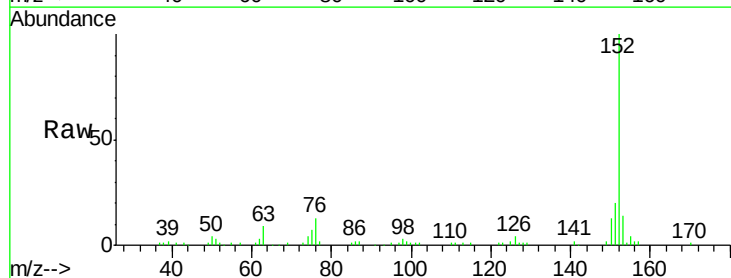
Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

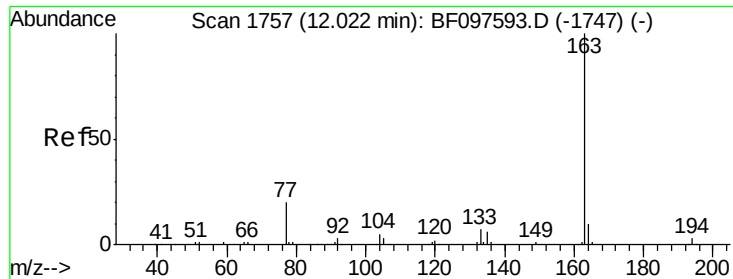
Tot Ion:172 Resp: 612930
Ion Ratio Lower Upper
172 100
171 34.7 29.6 44.4
170 24.1 19.8 29.8



#48
Acenaphthylene
Concen: 5.49 ng
RT: 12.12 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF097664.D
Acq: 13 Aug 2017 9:30

Tgt Ion:152 Resp: 115989
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 14.1 10.8 16.2





#49

Dimethylphthalate

Concen: 7.84 ng

RT: 12.00 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

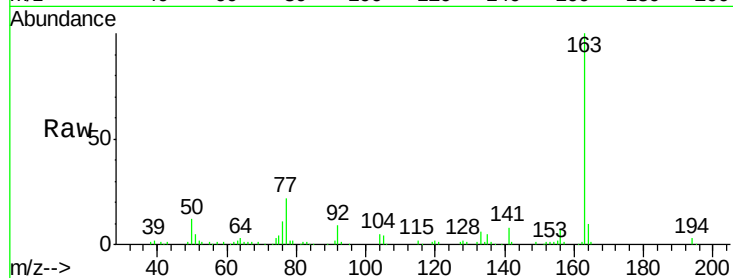
Tot Ion:163 Resp: 121885

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

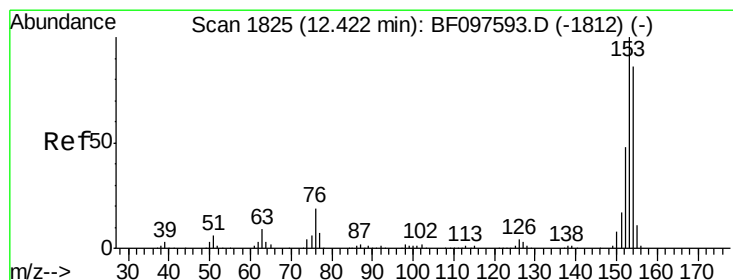
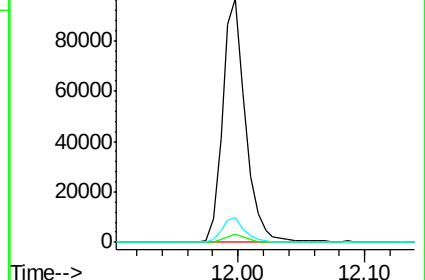
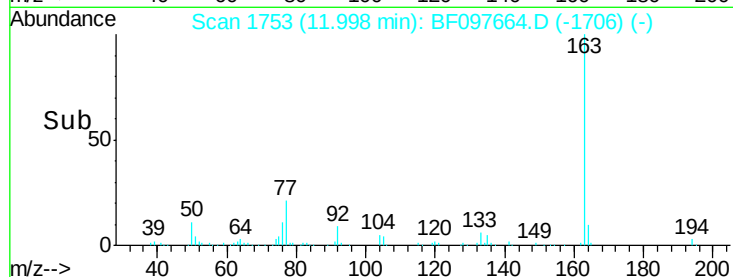
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 24.18 ng

RT: 12.40 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

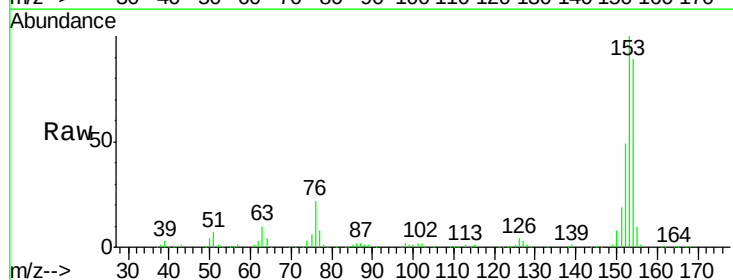
Tgt Ion:154 Resp: 306137

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

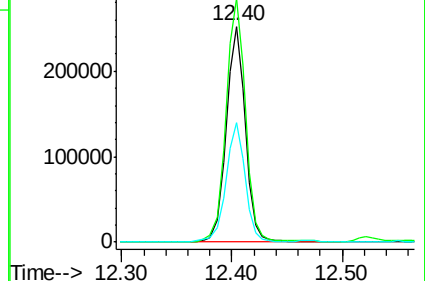
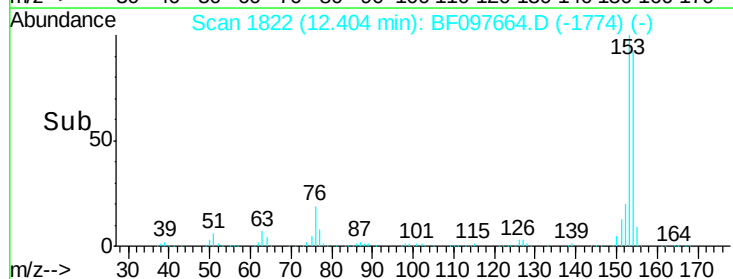
152 55.6 43.6 65.4

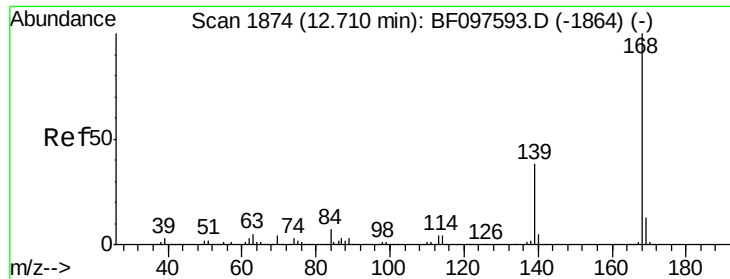


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 22.53 ng

RT: 12.69 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

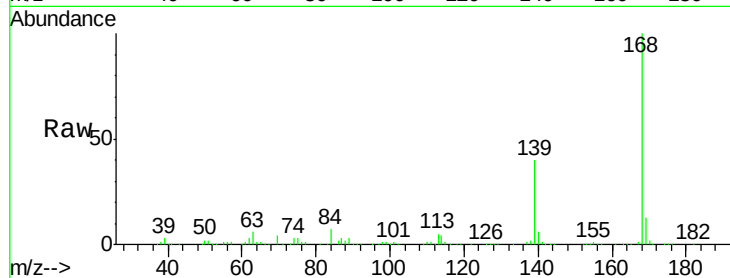
Tot Ion:168 Resp: 399294

Ion Ratio Lower Upper

168 100

139 39.6 30.6 45.8

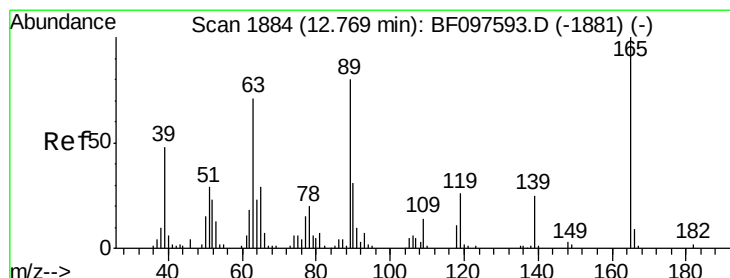
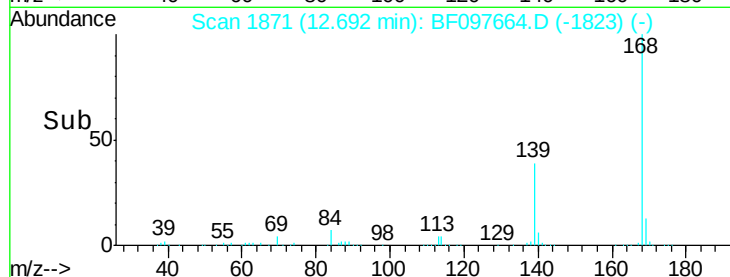
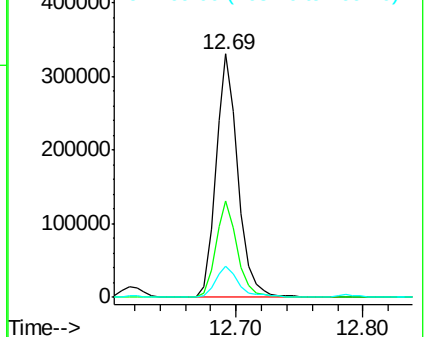
169 13.0 10.8 16.2



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: 96.75 ng

RT: 12.69 min Scan# 1871

Delta R.T. -0.08 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

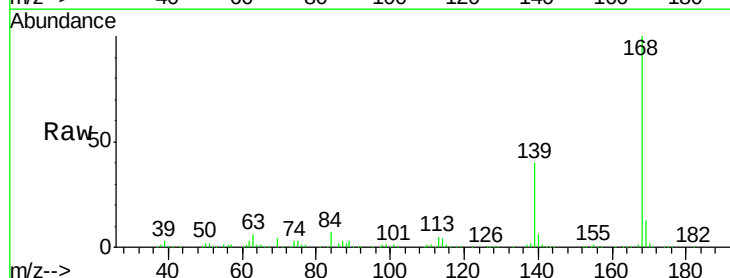
Tgt Ion:139 Resp: 154863

Ion Ratio Lower Upper

139 100

109 0.9 34.1 74.1#

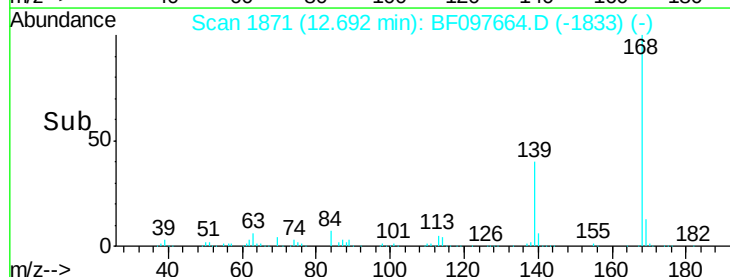
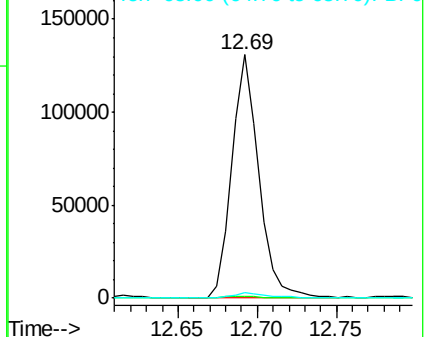
65 2.0 31.4 71.4#

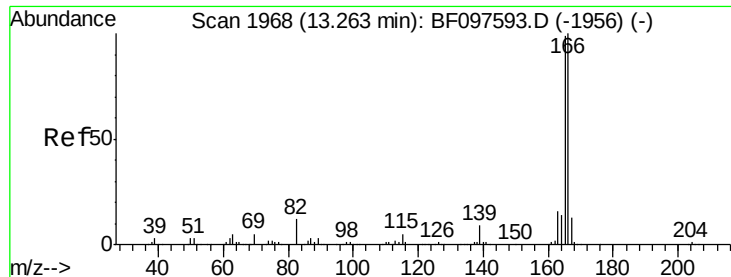


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

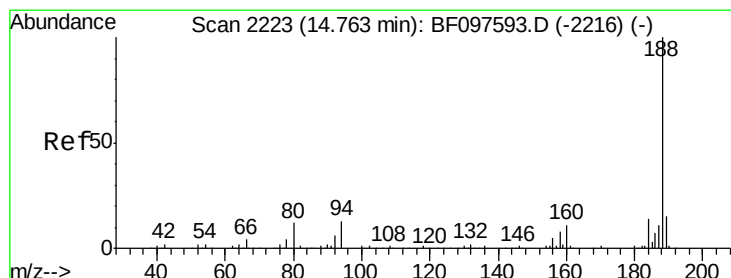
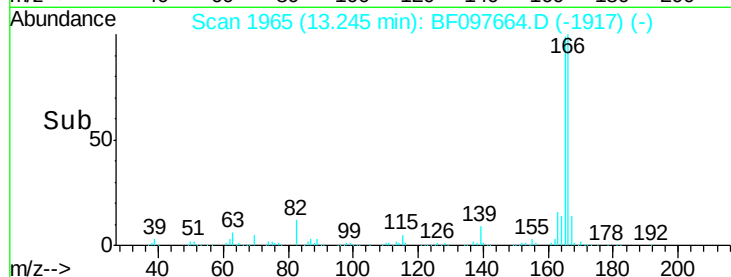
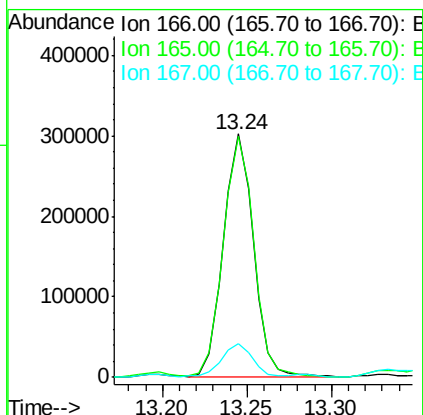
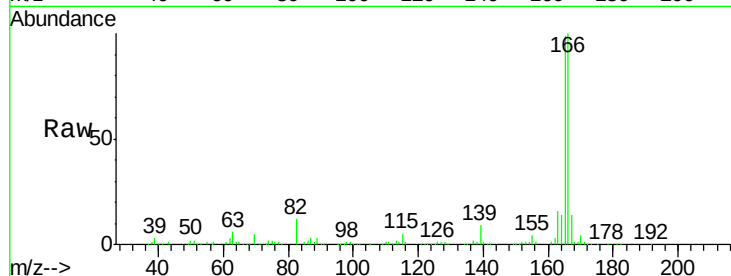




#57
 Fluorene
 Concen: 25.57 ng
 RT: 13.24 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF097664.D
 Acq: 13 Aug 2017 9:30

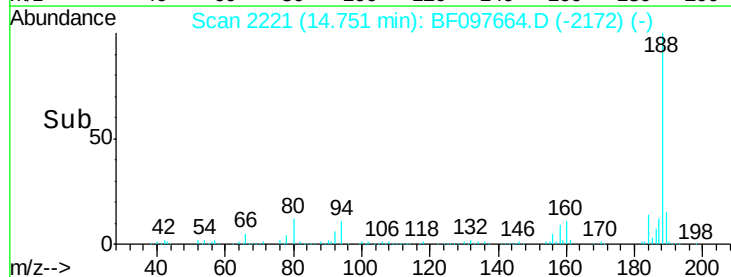
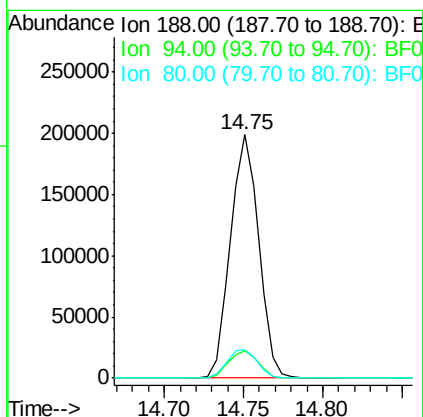
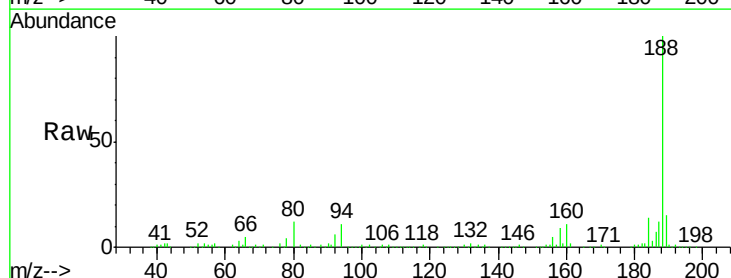
Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

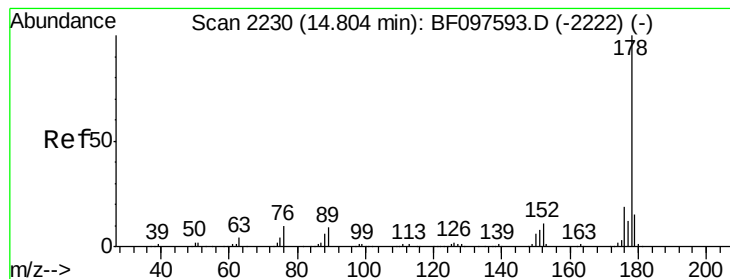
Tot Ion:166 Resp: 372651
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.7 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BF097664.D
 Acq: 13 Aug 2017 9:30

Tgt Ion:188 Resp: 245308
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.8 10.2 15.2





#70

Phenanthrene

Concen: 42.04 ng

RT: 14.79 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

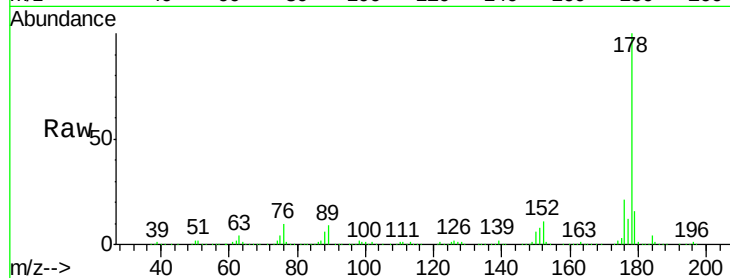
Tot Ion:178 Resp: 593993

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

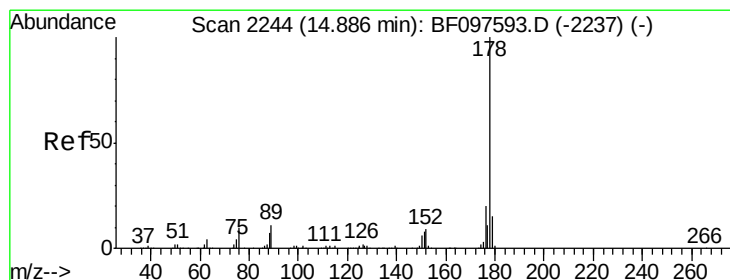
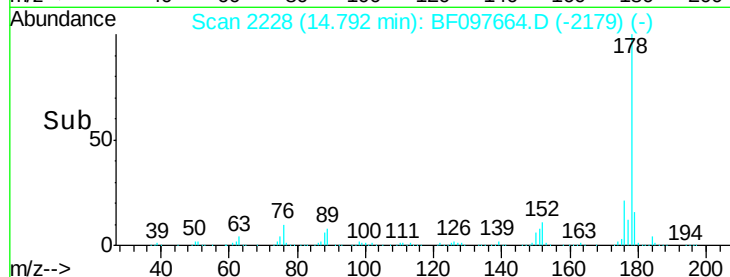
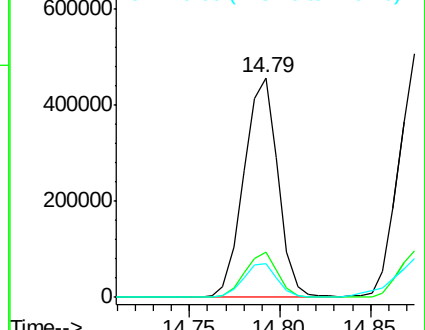
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.98 ng

RT: 14.87 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

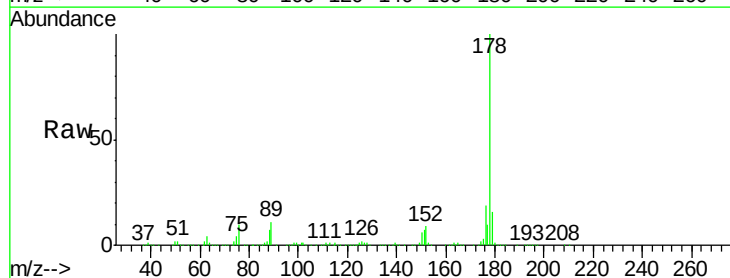
Tgt Ion:178 Resp: 621365

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

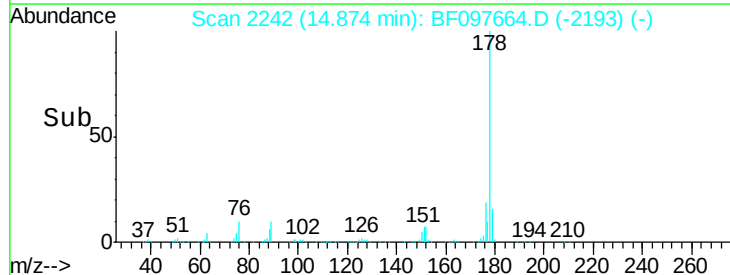
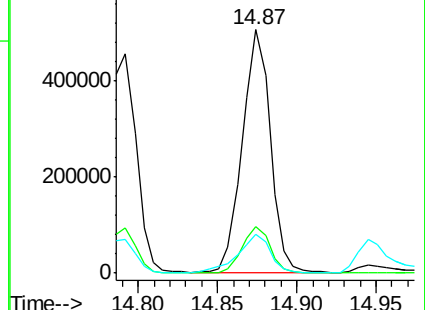
179 16.1 12.7 19.1

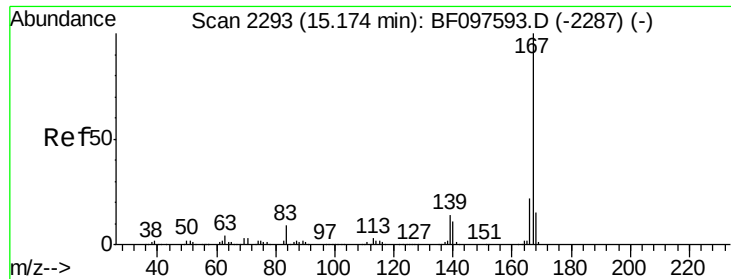


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.26 ng

RT: 15.17 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

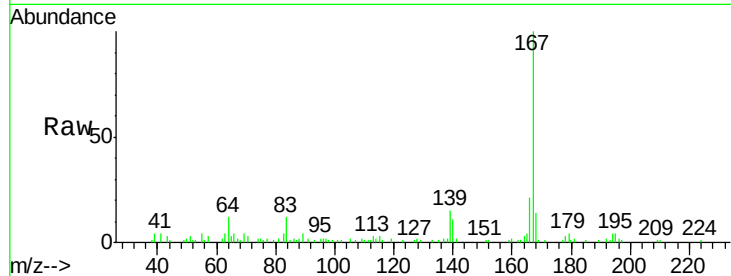
Tot Ion:167 Resp: 58644

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

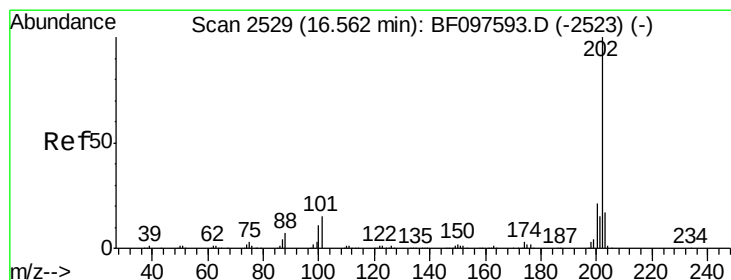
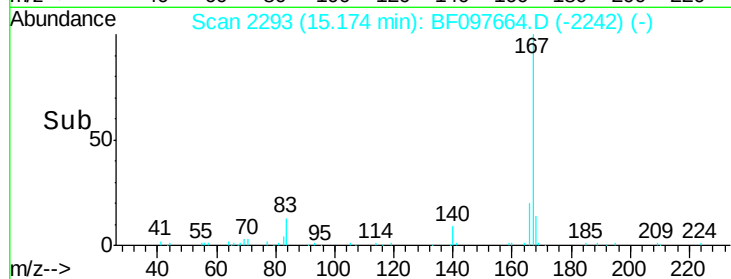
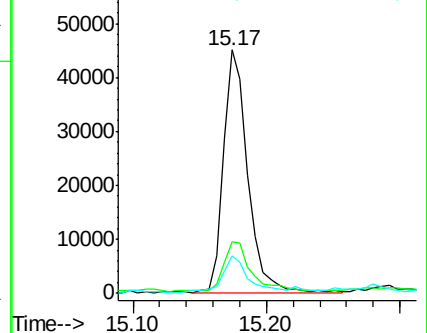
139 15.2 11.7 17.5



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: 140.46 ng

RT: 16.57 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

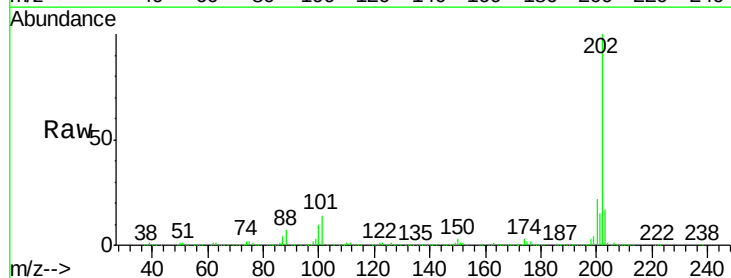
Tgt Ion:202 Resp: 1793261

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

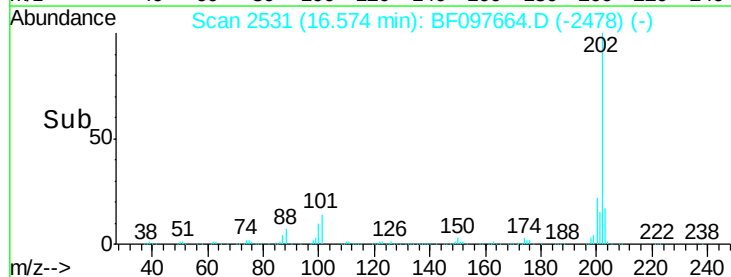
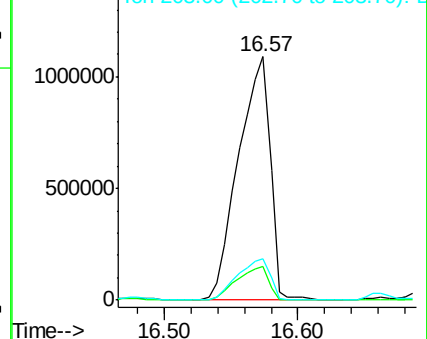
203 17.1 0.0 38.1

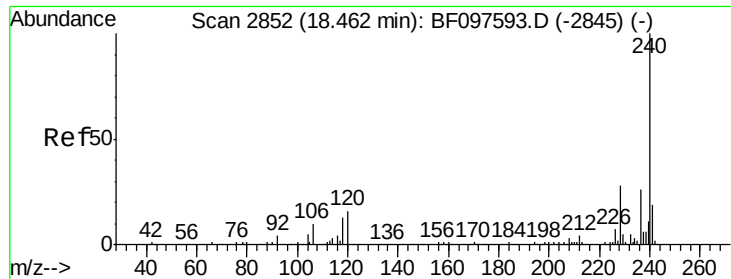


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

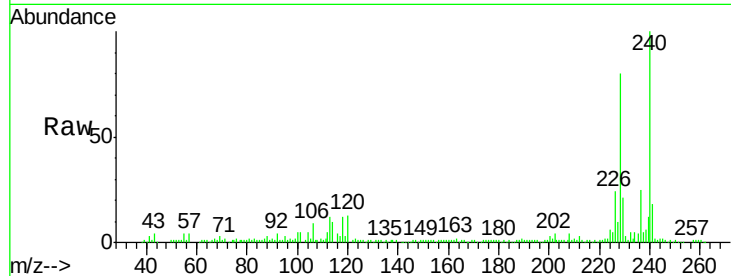
Tot Ion:240 Resp: 172658

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

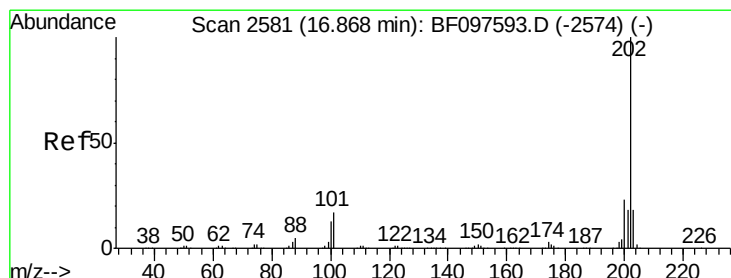
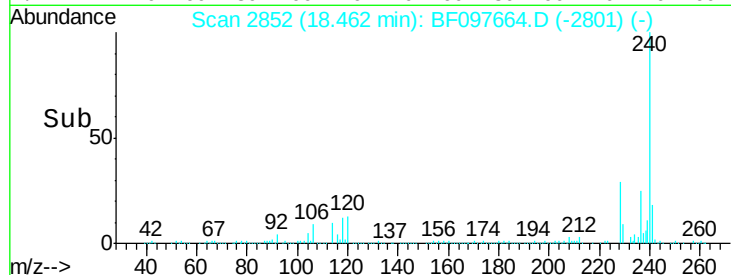
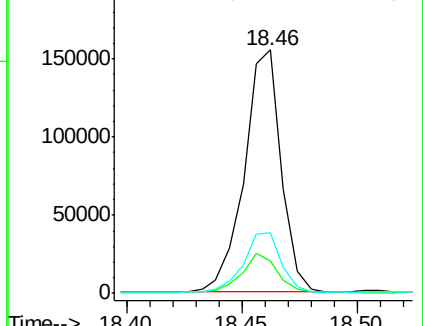
236 24.8 20.5 30.7



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

Pyrene

Concen: 114.52 ng

RT: 16.87 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

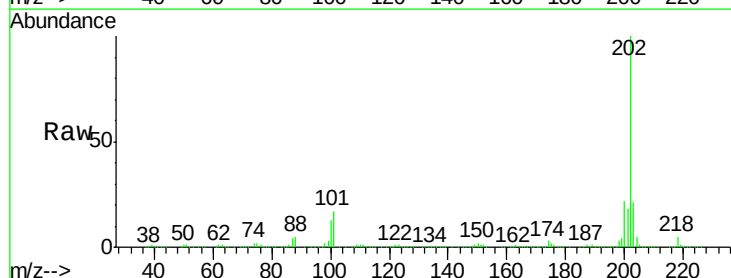
Tgt Ion:202 Resp: 1635054

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

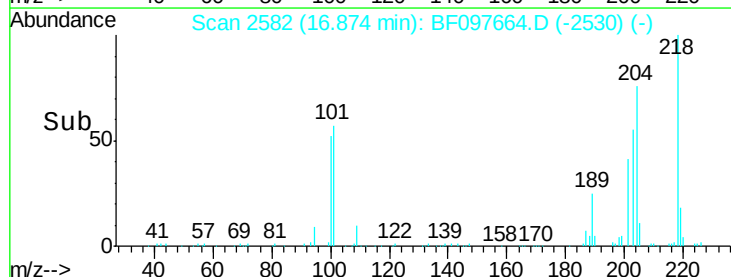
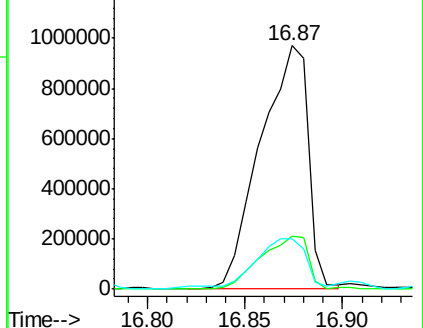
203 20.8 14.4 21.6

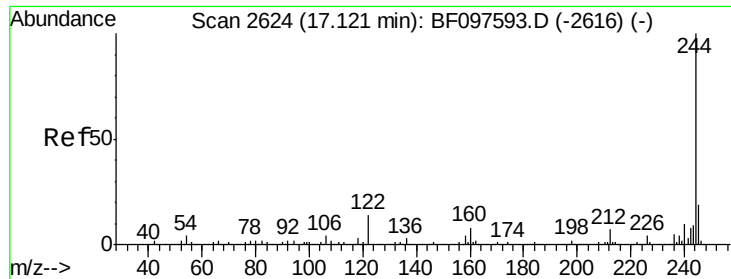


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

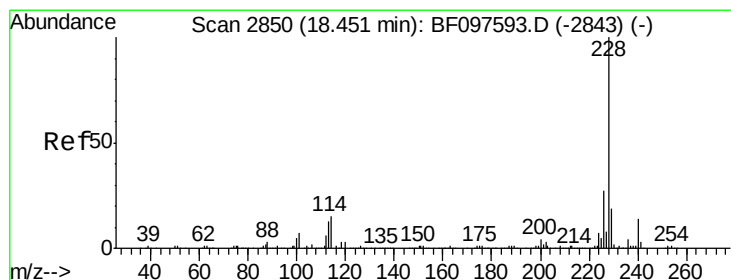
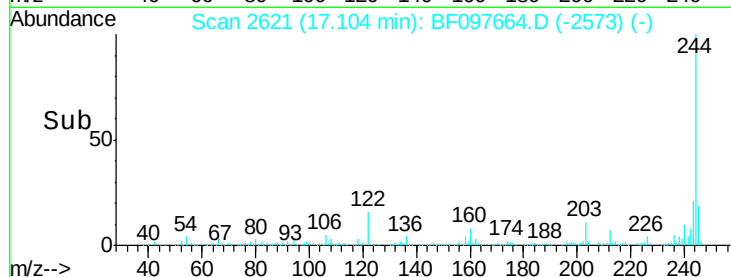
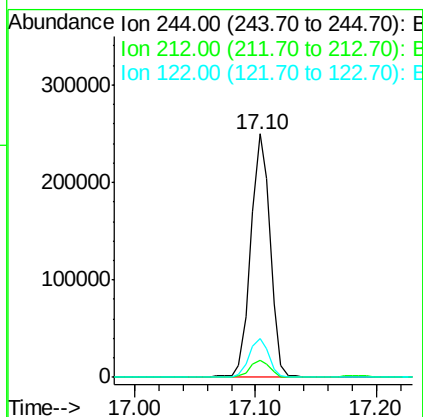
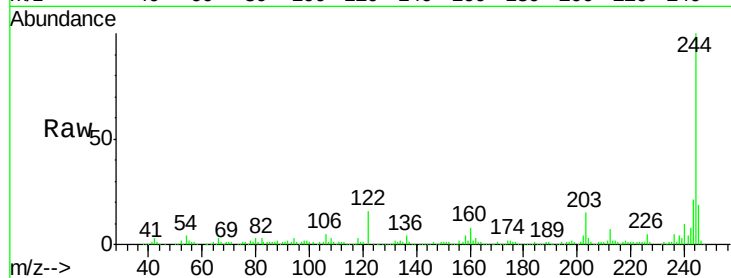




#78
 Terphenyl-d14
 Concen: 33.74 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097664.D
 Acq: 13 Aug 2017 9:30

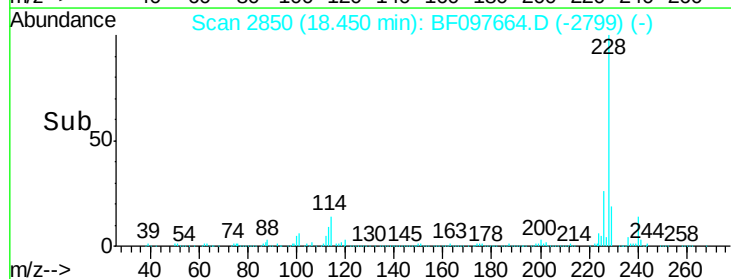
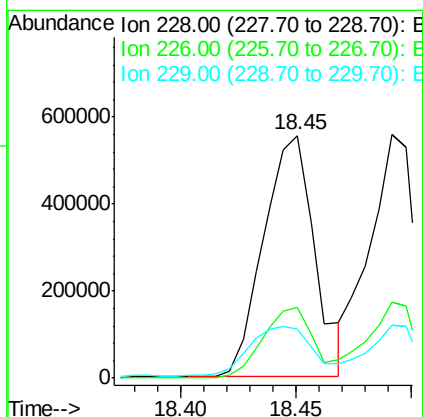
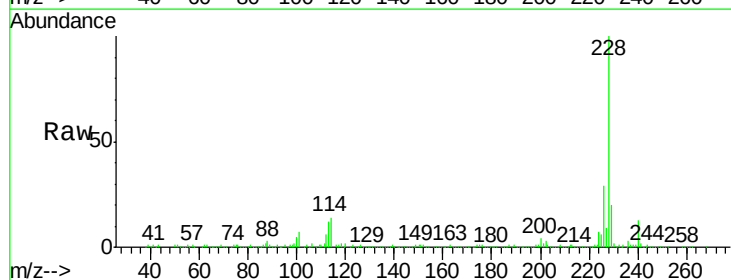
Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

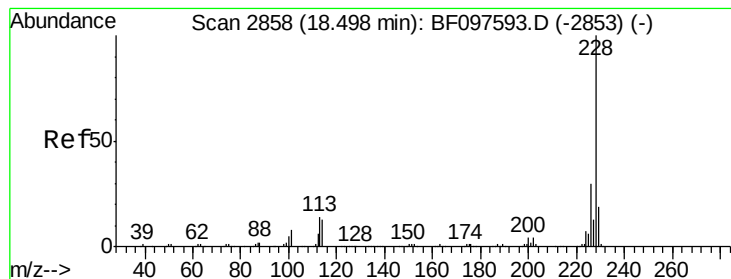
Tot Ion:244 Resp: 281509
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.7 10.3 15.5#



#80
 Benzo(a)anthracene
 Concen: 84.63 ng
 RT: 18.45 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BF097664.D
 Acq: 13 Aug 2017 9:30

Tgt Ion:228 Resp: 853398
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.6 33.8
 229 20.0 16.3 24.5





#82

Chrysene

Concen: 74.87 ng

RT: 18.49 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

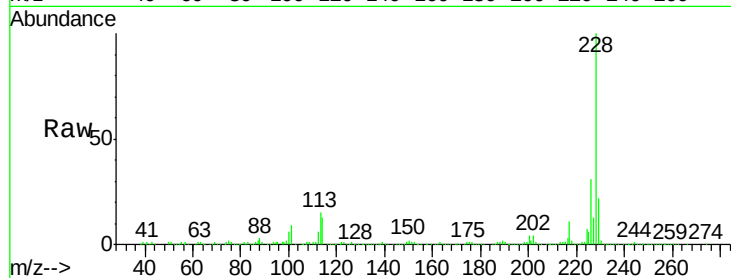
Tot Ion:228 Resp: 750936

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

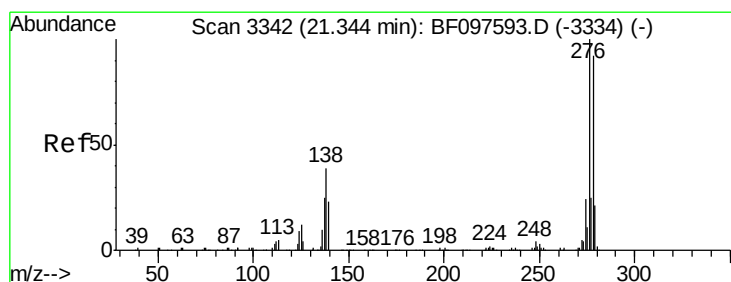
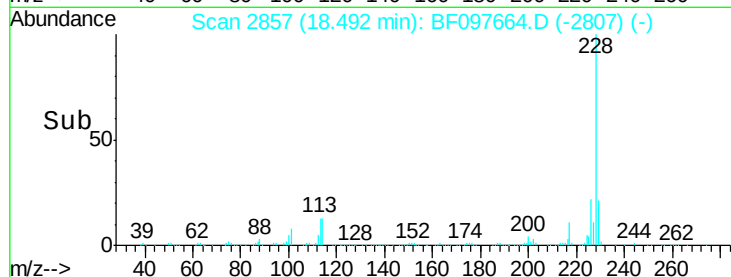
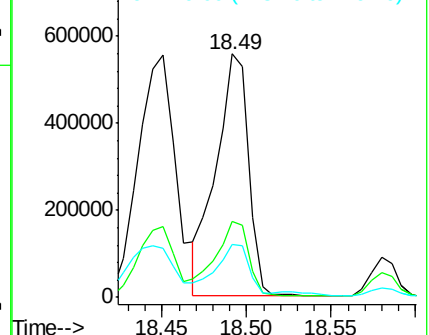
229 21.6 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.44 ng

RT: 21.34 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

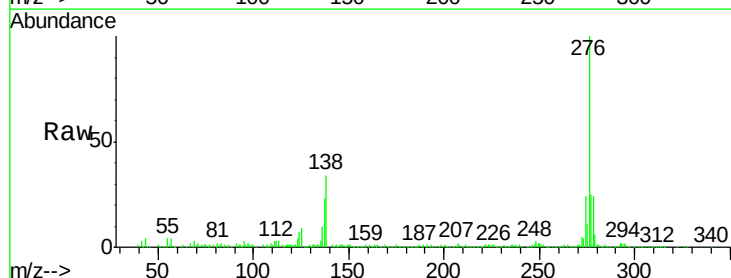
Tgt Ion:276 Resp: 307660

Ion Ratio Lower Upper

276 100

138 34.0 27.8 41.6

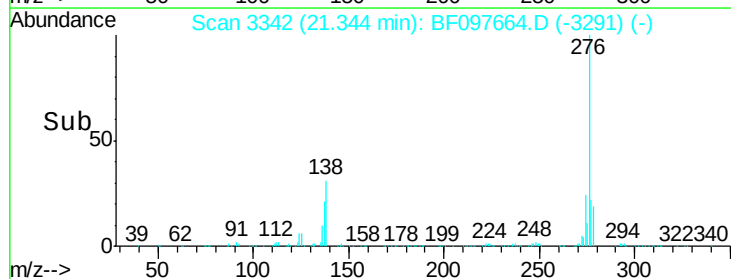
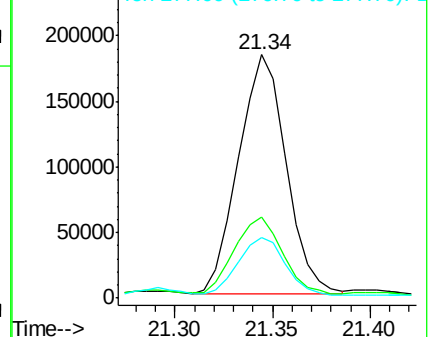
277 25.4 20.2 30.4

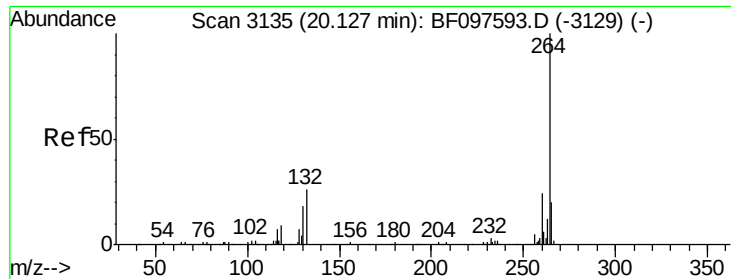


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.13 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

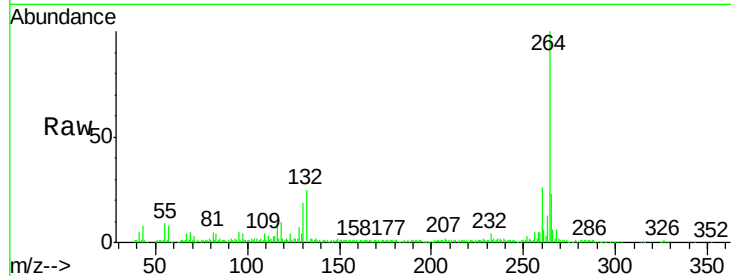
Tot Ion:264 Resp: 170380

Ion Ratio Lower Upper

264 100

260 25.8 19.5 29.3

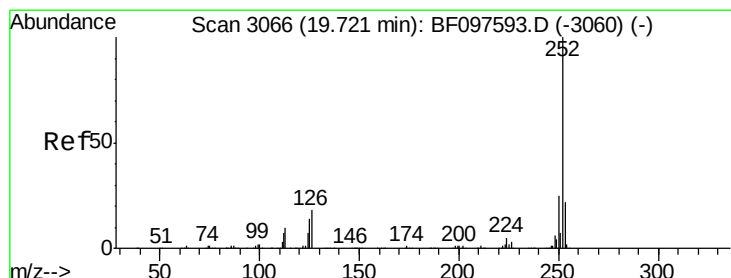
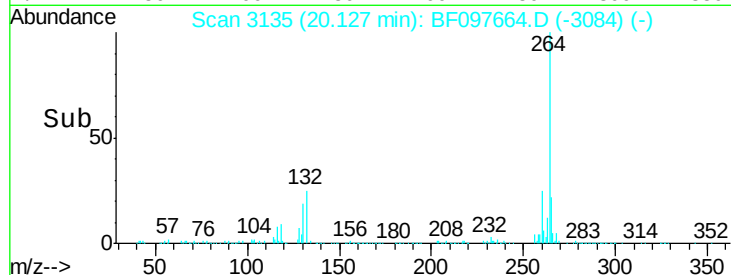
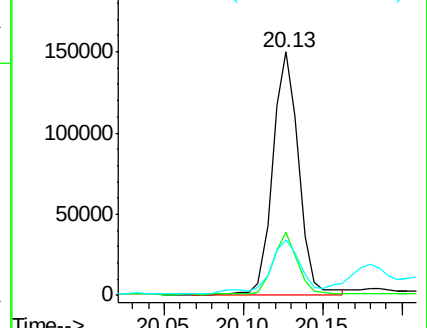
265 22.7 17.2 25.8



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: 108.98 ng

RT: 19.73 min Scan# 3067

Delta R.T. 0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

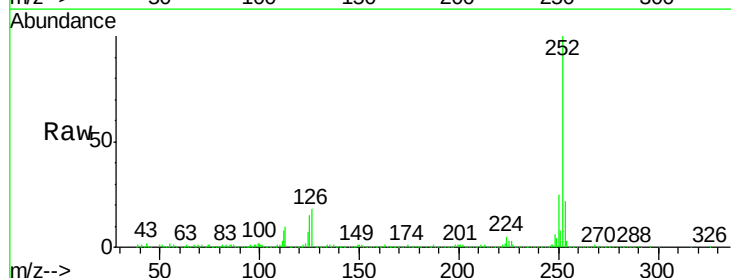
Tgt Ion:252 Resp: 1115017

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

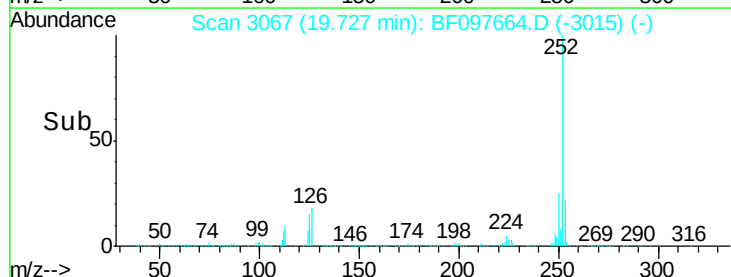
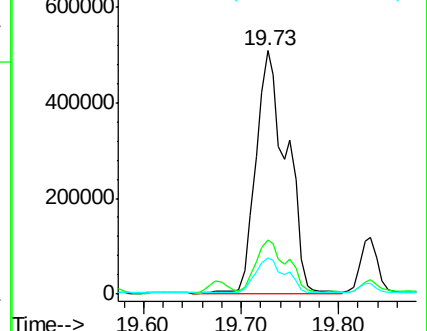
125 15.1 9.8 14.8#

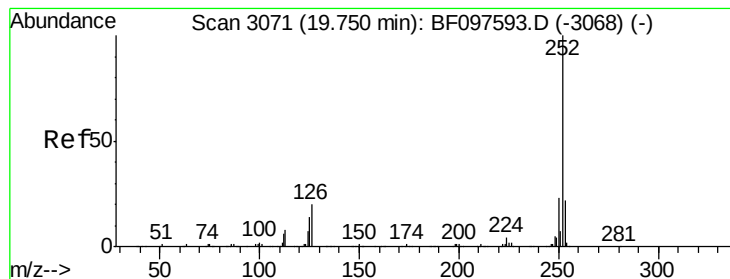


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 108.21 ng

RT: 19.73 min Scan# 3067

Delta R.T. -0.02 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

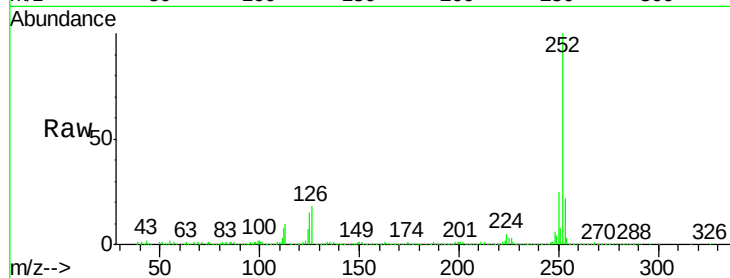
Tot Ion:252 Resp: 1115017

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

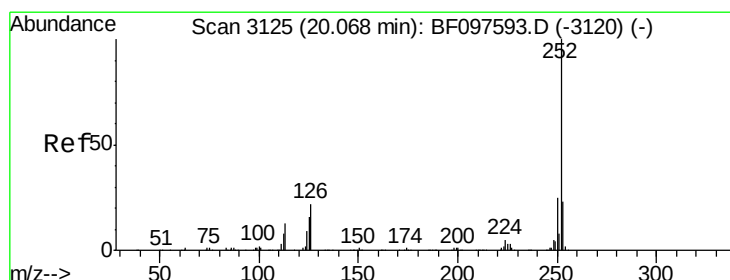
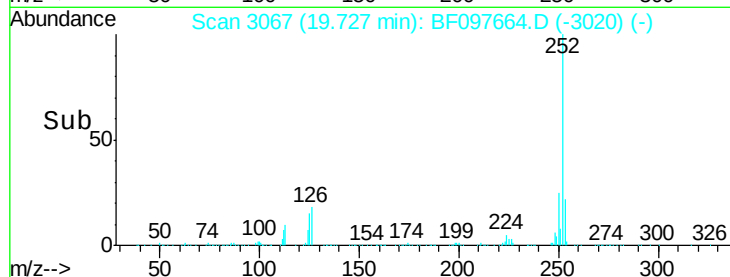
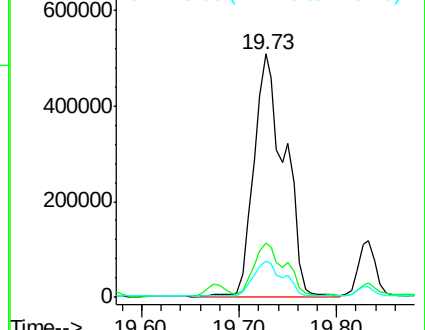
125 15.1 13.1 19.7



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: 67.96 ng

RT: 20.08 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

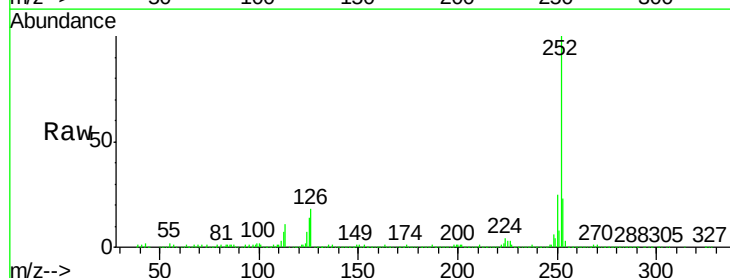
Tgt Ion:252 Resp: 638177

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

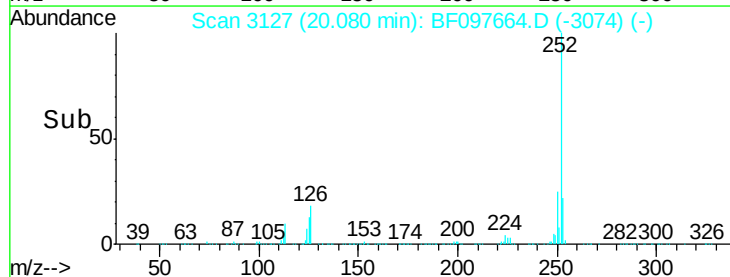
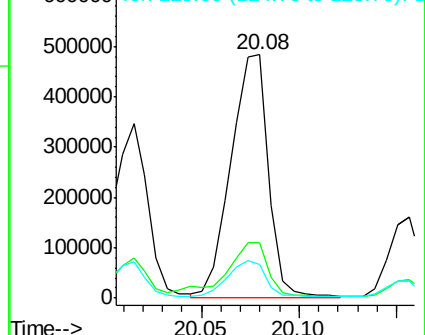
125 13.6 11.0 16.4

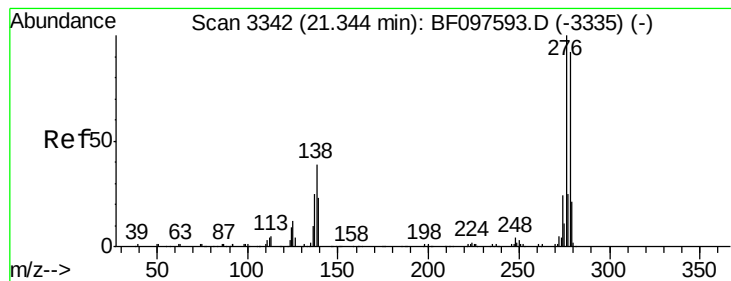


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.54 ng

RT: 21.53 min Scan# 3373

Delta R.T. 0.18 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

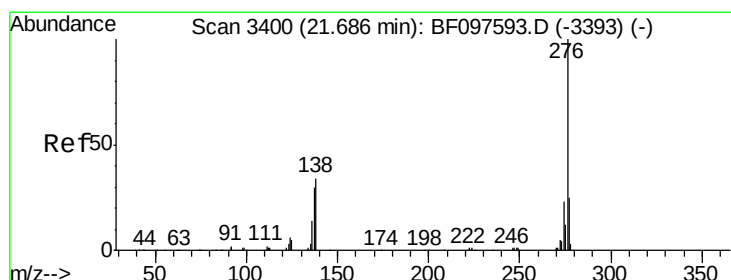
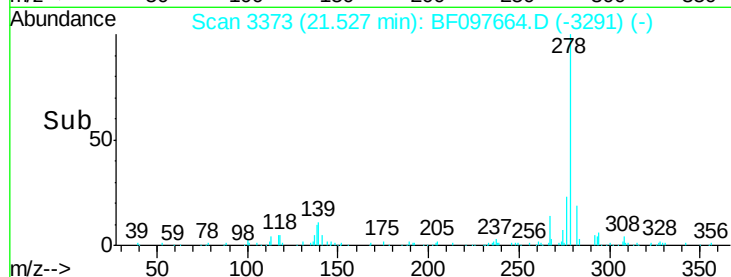
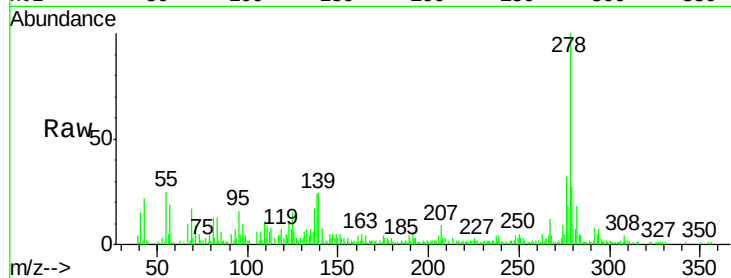
Tot Ion:278 Resp: 44005

Ion Ratio Lower Upper

278 100

139 24.1 16.6 24.8

279 26.7 19.3 28.9



#91

Benzo(g,h,i)perylene

Concen: 40.77 ng

RT: 21.70 min Scan# 3402

Delta R.T. 0.01 min

Lab File: BF097664.D

Acq: 13 Aug 2017 9:30

Tgt Ion:276 Resp: 300704

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 34.0 25.4 38.0

