

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097433.D
 Acq On : 7 Aug 2017 17:06
 Operator : SJ/JU
 Sample : I4639-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

Quant Time: Aug 08 04:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	99095	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	363517	20.00	ng	0.00
38) Acenaphthene-d10	9.44	164	146893	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	208319	20.00	ng	0.00
75) Chrysene-d12	13.54	240	172994	20.00	ng	0.00
86) Perylene-d12	14.88	264	145204	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	631493	96.07	ng	0.00
7) Phenol-d6	6.08	99	740044	98.61	ng	0.00
23) Nitrobenzene-d5	6.98	82	470626	75.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	117245	101.02	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	680897	78.67	ng	0.00
78) Terphenyl-d14	12.50	244	412698	48.64	ng	0.00

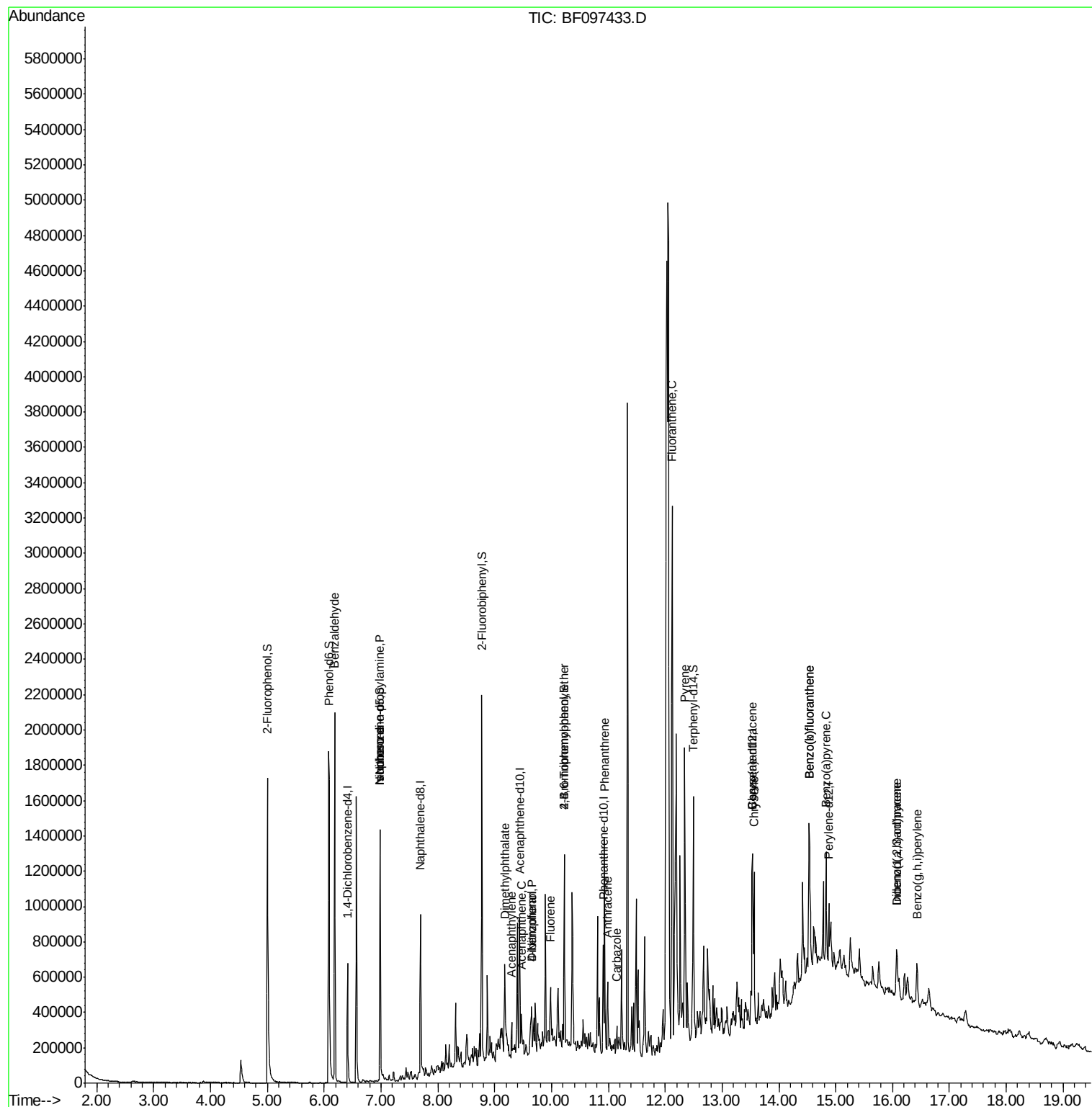
Target Compounds						Qvalue
9) Benzaldehyde	6.19	77	12317	2.77	ng	82
19) n-Nitroso-di-n-propylamine	6.98	70	64567	13.07	ng	# 87
25) Isophorone	6.98	82	470622	38.78	ng	# 67
48) Acenaphthylene	9.30	152	65901	4.65	ng	98
49) Dimethylphthalate	9.17	163	153872	13.79	ng	97
51) Acenaphthene	9.47	154	43563	5.22	ng	98
54) Dibenzofuran	9.65	168	53002	4.77	ng	# 95
55) 4-Nitrophenol	9.65	139	20736	11.87	ng	# 39
57) Fluorene	9.98	166	95814	11.47	ng	98
66) 4-Bromophenyl-phenylether	10.23	248	7434	3.58	ng	# 1
70) Phenanthrene	10.93	178	486444	43.58	ng	98
71) Anthracene	10.99	178	127441	11.15	ng	98
72) Carbazole	11.15	167	50640	4.50	ng	97
74) Fluoranthene	12.12	202	646852	59.16	ng	96
77) Pyrene	12.34	202	685583	48.41	ng	99
80) Benzo(a)anthracene	13.53	228	345704	30.88	ng	98
82) Chrysene	13.56	228	344930	31.56	ng	98
85) Indeno(1,2,3-cd)pyrene	16.07	276	146330	15.61	ng	95
87) Benzo(b)fluoranthene	14.53	252	551949	63.23	ng	# 96
88) Benzo(k)fluoranthene	14.53	252	551949	66.36	ng	100
89) Benzo(a)pyrene	14.83	252	287692	36.01	ng	96
90) Dibenzo(a,h)anthracene	16.07	278	38014	5.80	ng	# 85
91) Benzo(g,h,i)perylene	16.43	276	150227	21.87	ng	97

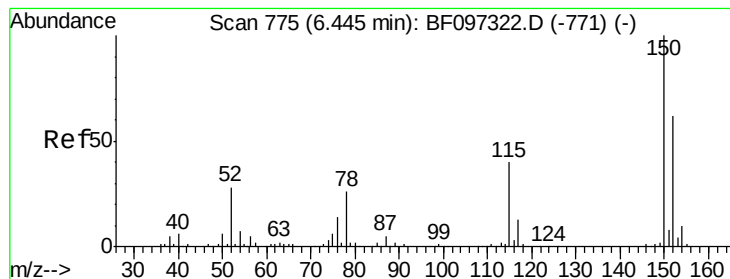
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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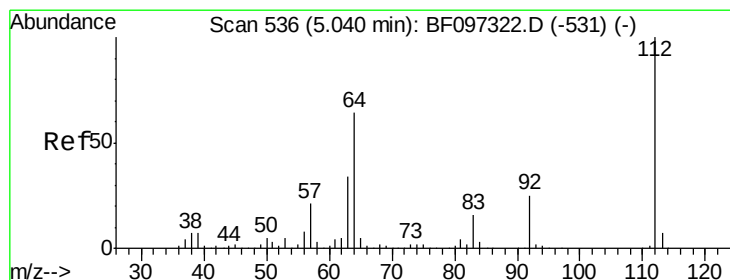
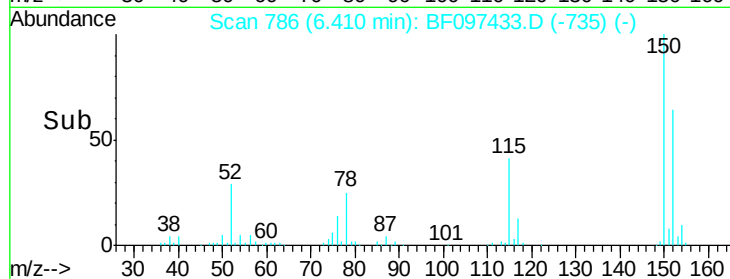
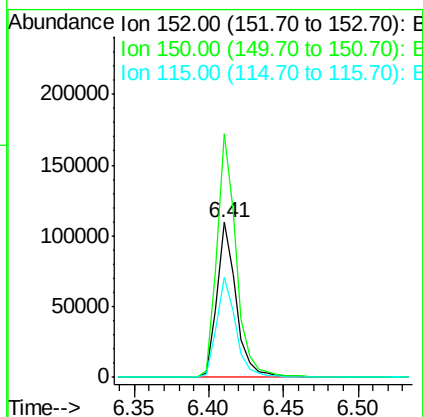
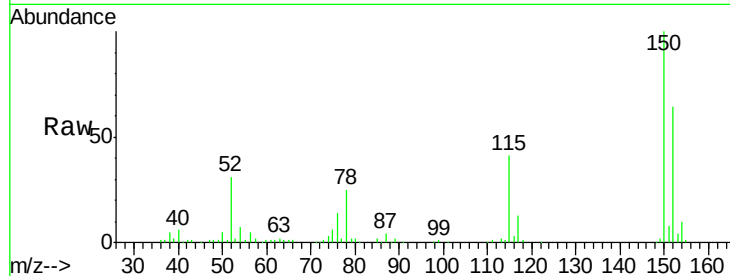


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097433.D
Acq: 7 Aug 2017 17:06

Instrument :
BNA_F
ClientSampleId :
SA-06-080317-A

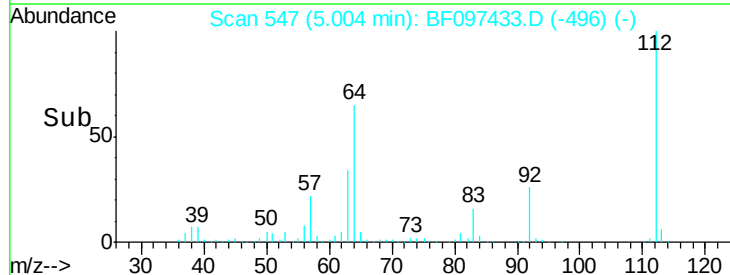
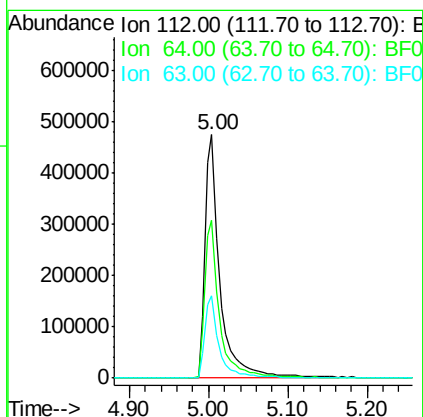
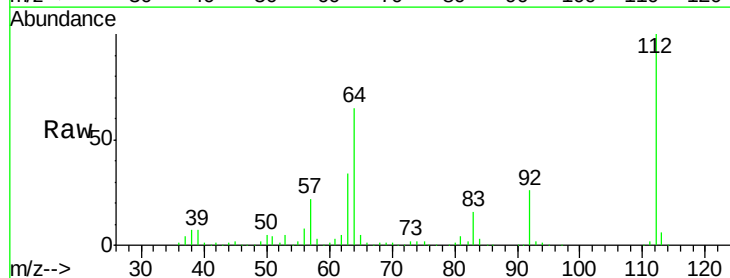
Tot Ion:152 Resp: 99095
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 64.3 52.2 78.2

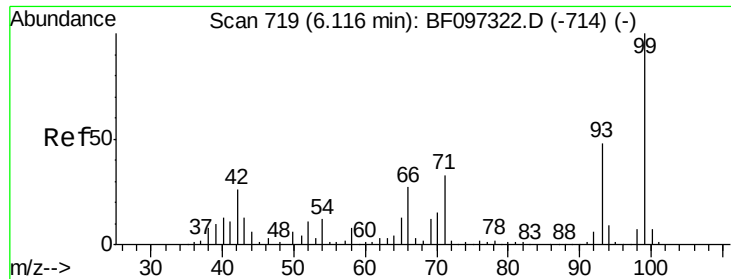


#5

2-Fluorophenol
Concen: 96.07 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097433.D
Acq: 7 Aug 2017 17:06

Tgt Ion:112 Resp: 631493
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 33.9 23.4 35.0





#7

Phenol-d6

Concen: 98.61 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

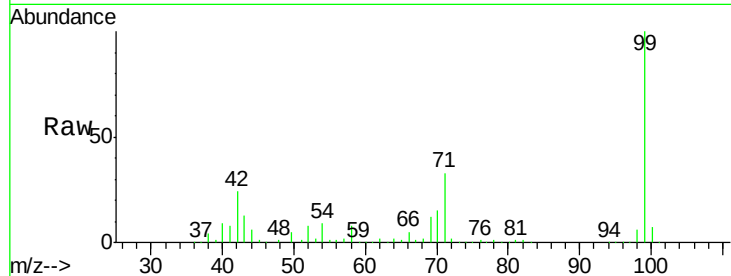
Tot Ion: 99 Resp: 740044

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

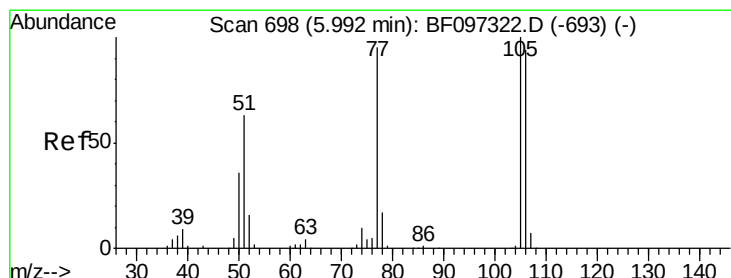
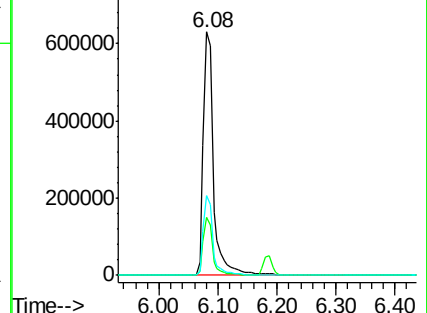
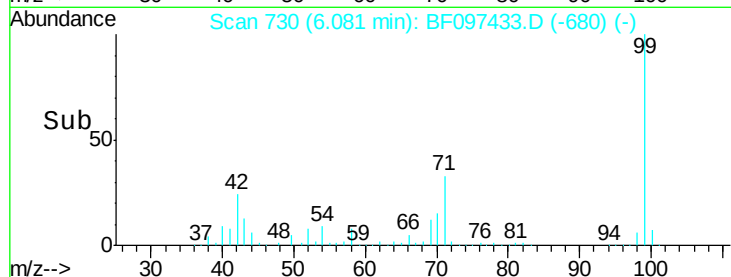
71 32.8 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.77 ng

RT: 6.19 min Scan# 748

Delta R.T. 0.23 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

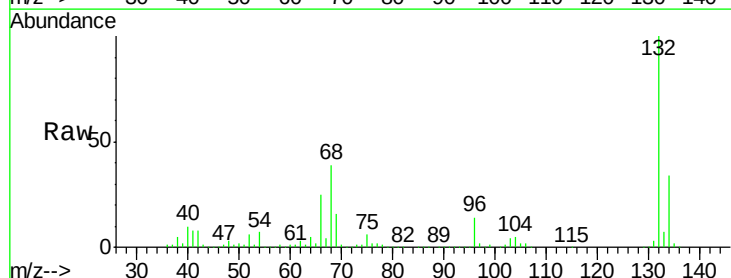
Tgt Ion: 77 Resp: 12317

Ion Ratio Lower Upper

77 100

105 86.0 83.8 123.8

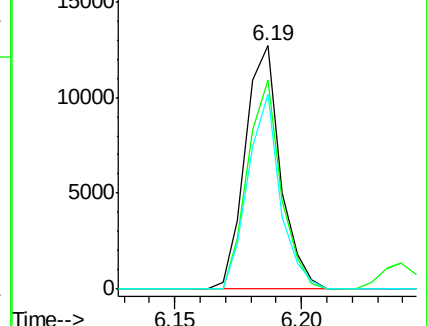
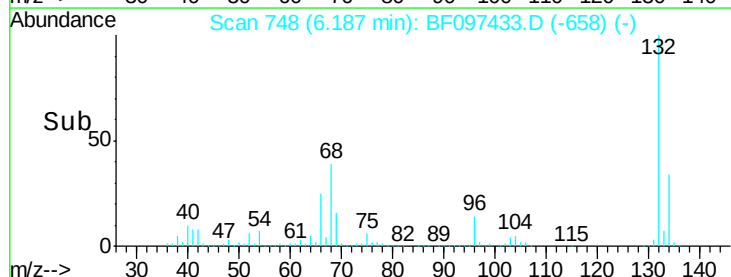
106 79.9 79.1 119.1

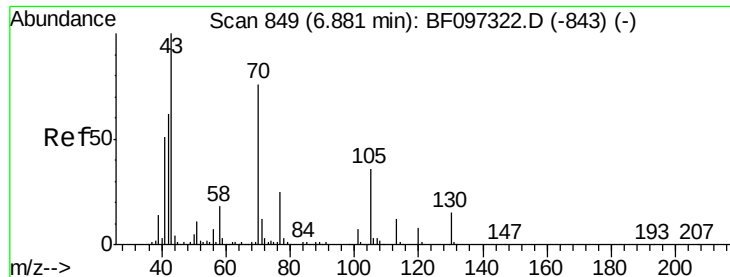


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

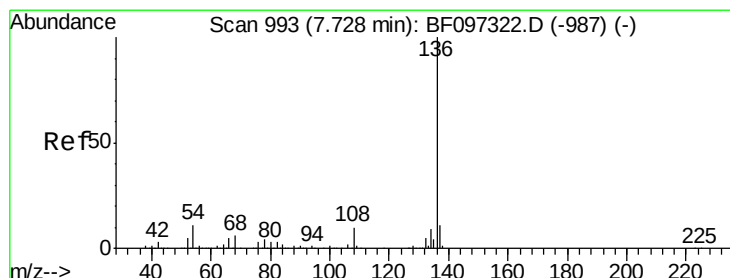
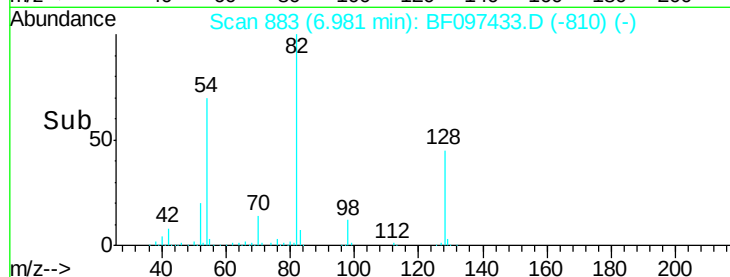
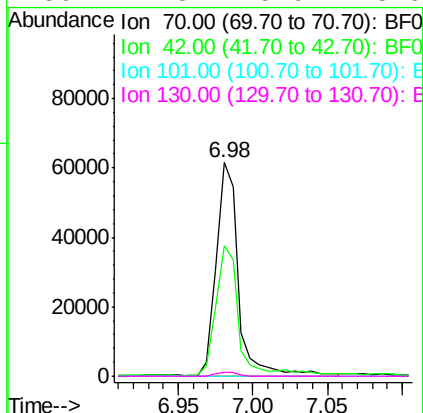
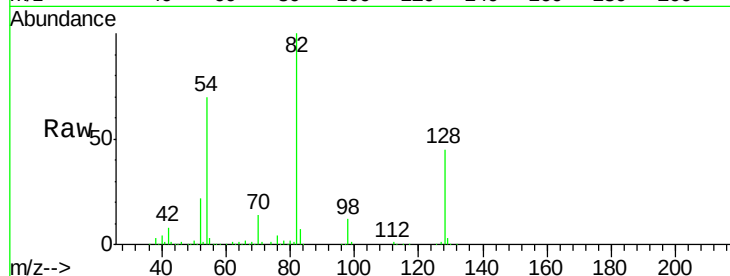




#19
n-Nitroso-di-n-propylamine
Concen: 13.07 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097433.D
Acq: 7 Aug 2017 17:06

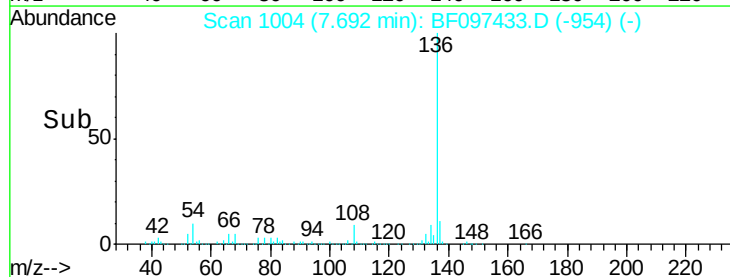
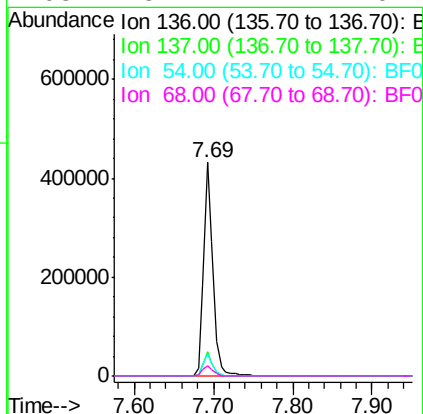
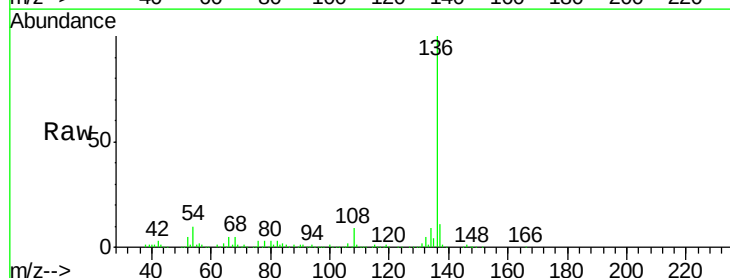
Instrument :
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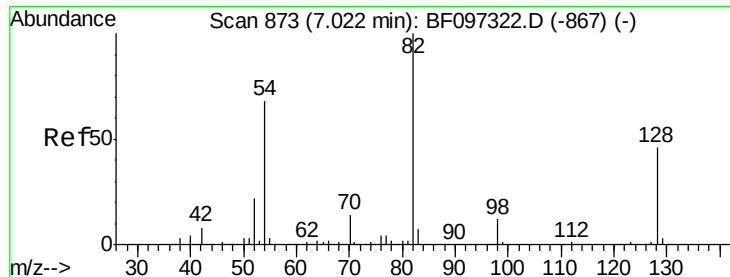
Tot Ion: 70 Resp: 64567
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097433.D
Acq: 7 Aug 2017 17:06

Tgt Ion: 136 Resp: 363517
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.4 4.9 7.3#
68 5.1 4.1 6.1

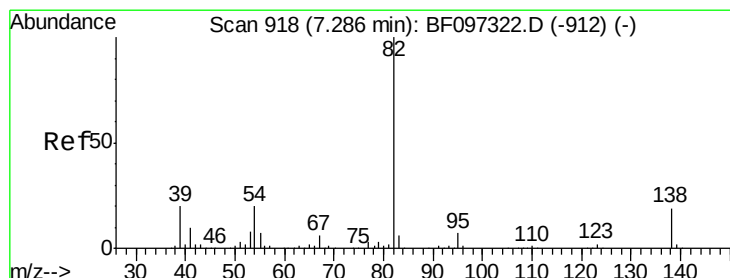
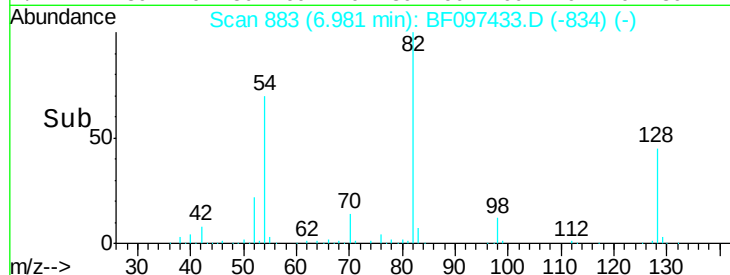
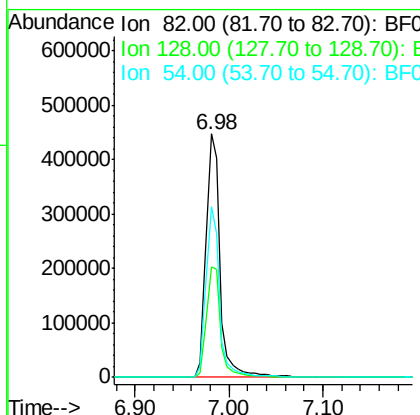
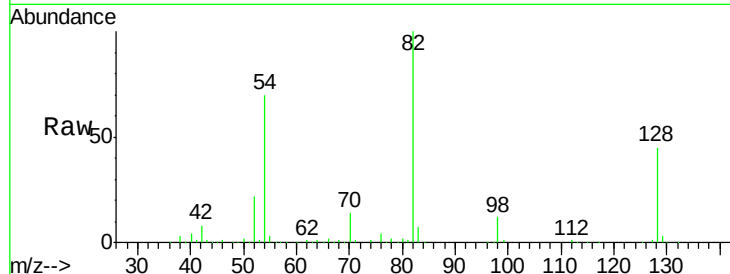




#23
 Nitrobenzene-d5
 Concen: 75.95 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

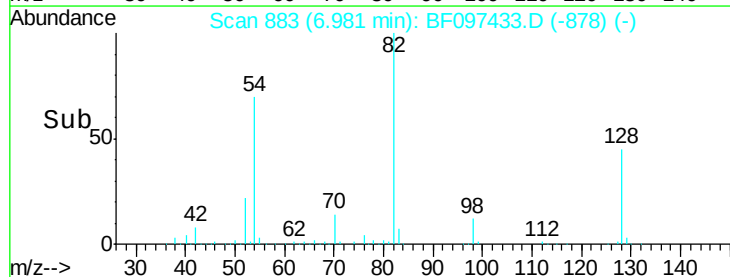
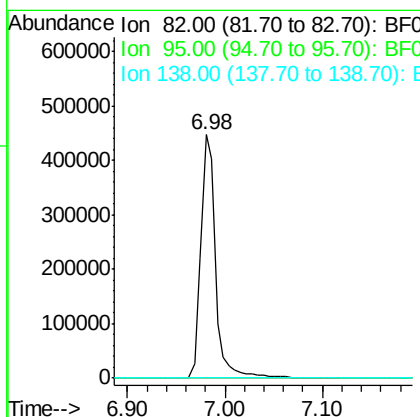
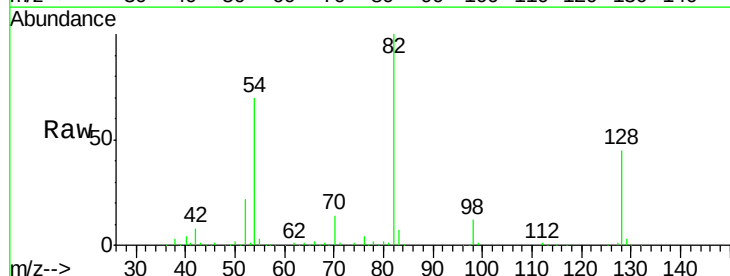
Instrument :
 BNA_F
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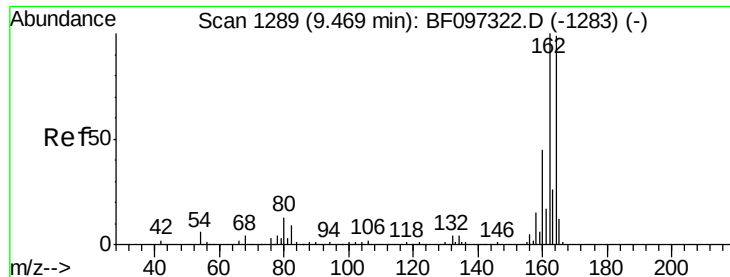
Tot Ion: 82 Resp: 470626
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 70.1 42.2 63.2#



#25
 Isophorone
 Concen: 38.78 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion: 82 Resp: 470622
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

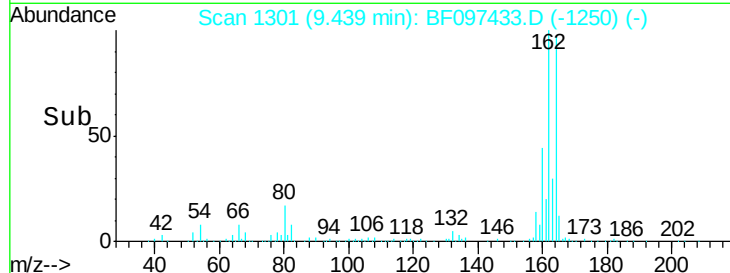
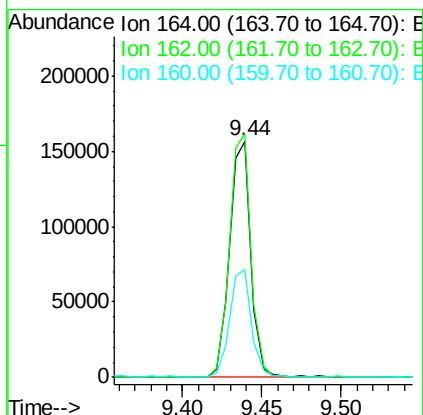
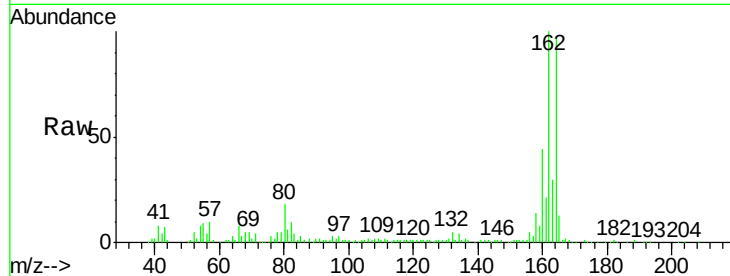




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.44 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

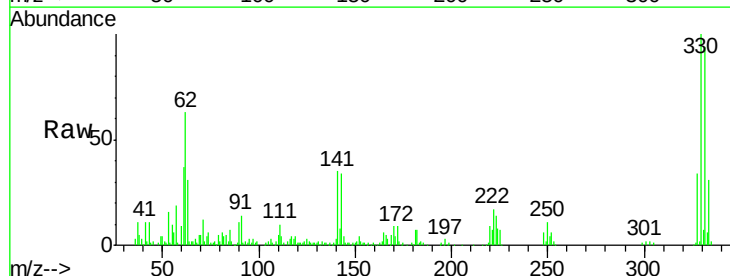
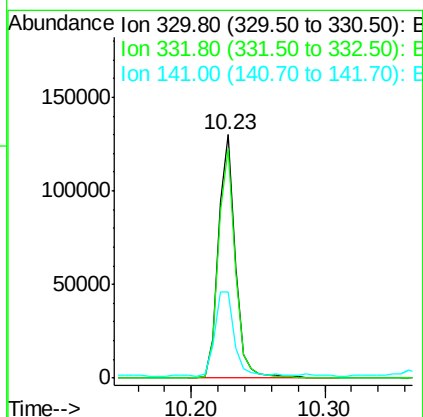
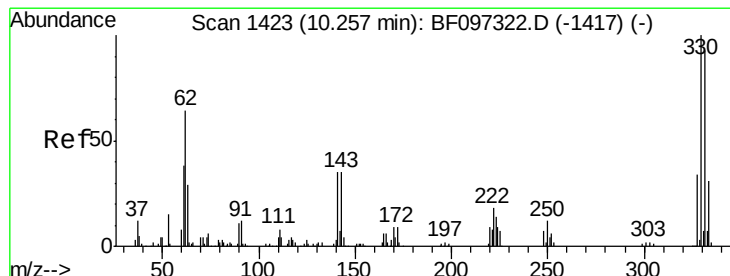
Instrument :
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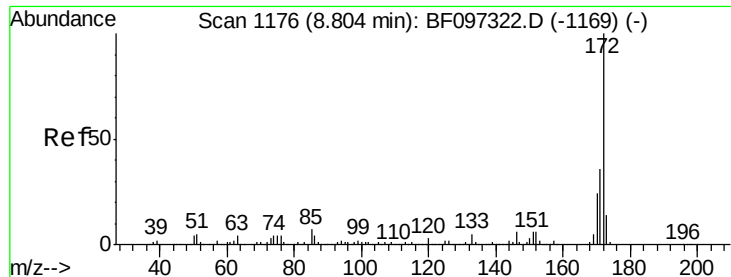
Tot Ion:164 Resp: 146893
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 101.02 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion:330 Resp: 117245
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 41.5 31.4 47.2

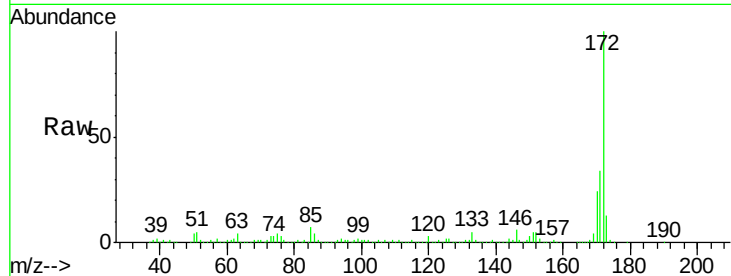




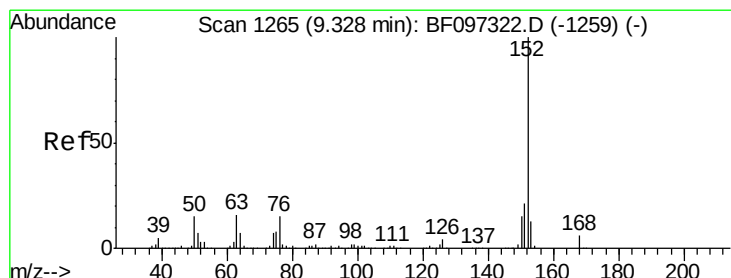
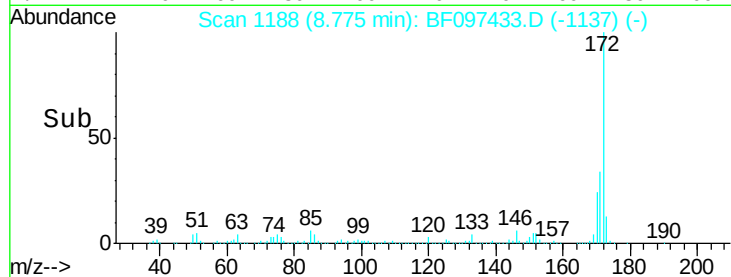
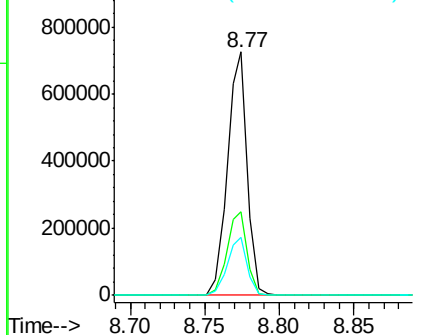
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Instrument :
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Tot Ion:172	Resp:	680897
Ion	Ratio	Lower Upper
172	100	
171	34.4	29.6 44.4
170	24.1	19.8 29.8

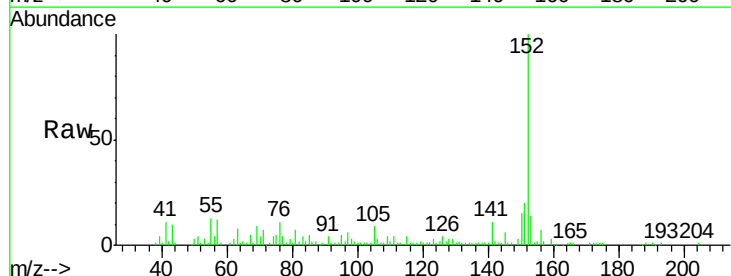


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

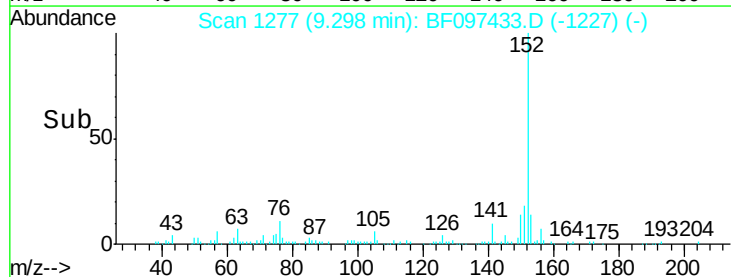
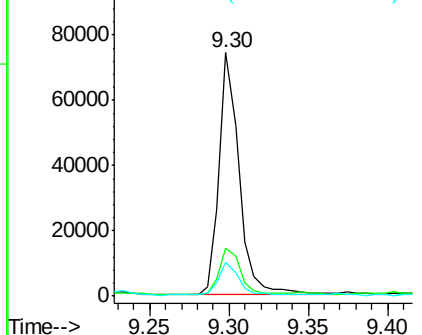


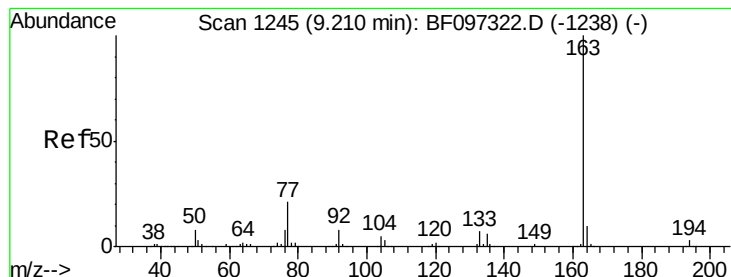
#48
 Acenaphthylene
 Concen: 4.65 ng
 RT: 9.30 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion:152	Resp:	65901
Ion	Ratio	Lower Upper
152	100	
151	19.8	16.8 25.2
153	13.7	10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 13.79 ng

RT: 9.17 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

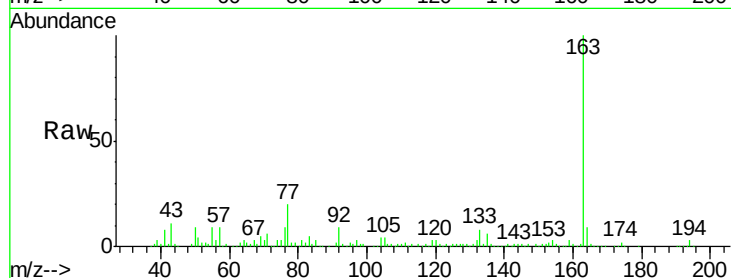
Tot Ion:163 Resp: 153872

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

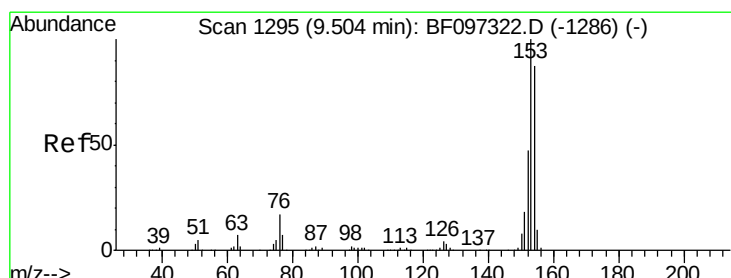
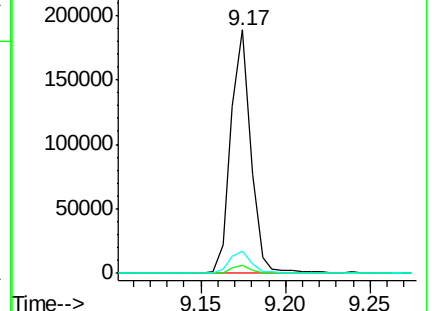
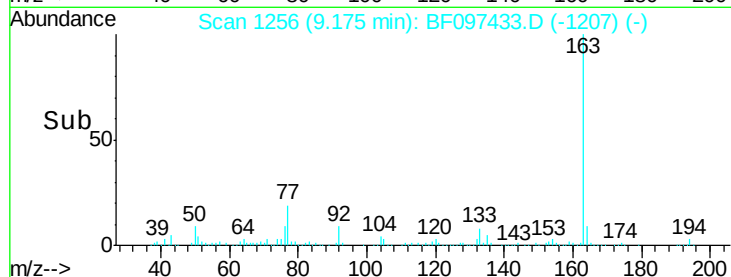
164 9.3 8.4 12.6



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: 5.22 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

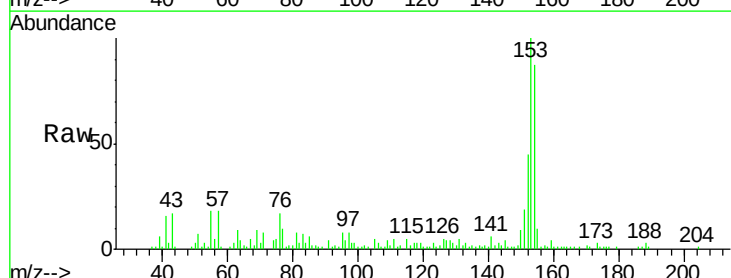
Tgt Ion:154 Resp: 43563

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

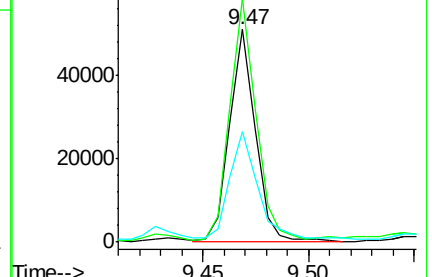
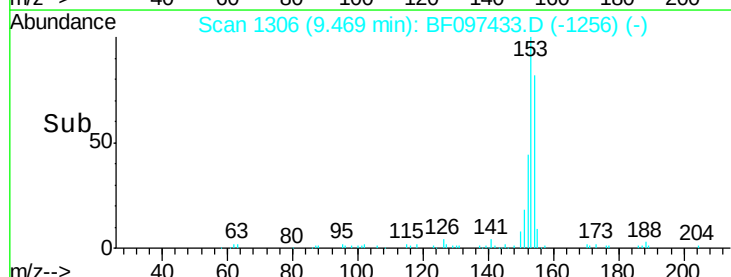
152 52.0 43.6 65.4

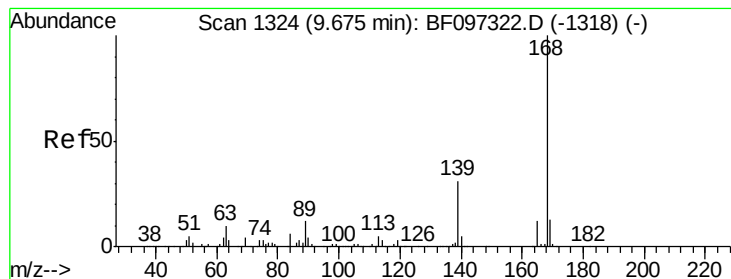


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 4.77 ng

RT: 9.65 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

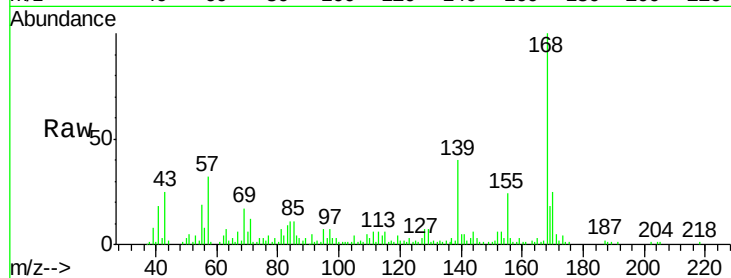
Tot Ion:168 Resp: 53002

Ion Ratio Lower Upper

168 100

139 39.7 30.6 45.8

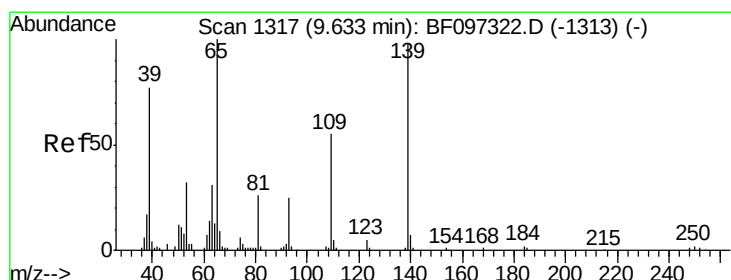
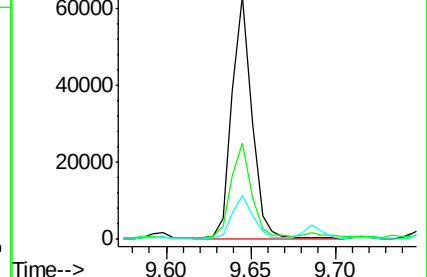
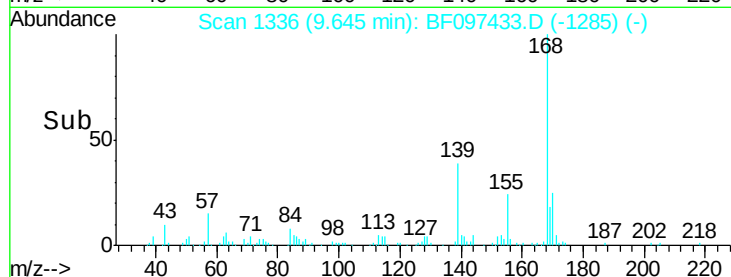
169 18.0 10.8 16.2#



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: 11.87 ng

RT: 9.65 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

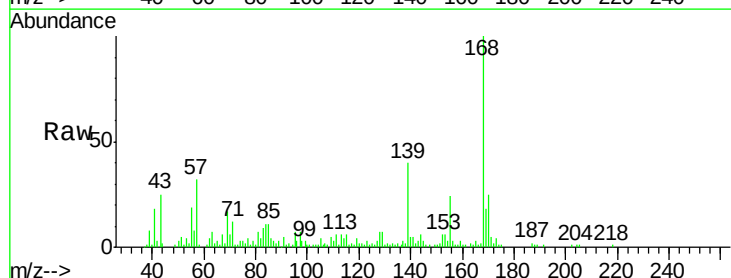
Tgt Ion:139 Resp: 20736

Ion Ratio Lower Upper

139 100

109 11.9 34.1 74.1#

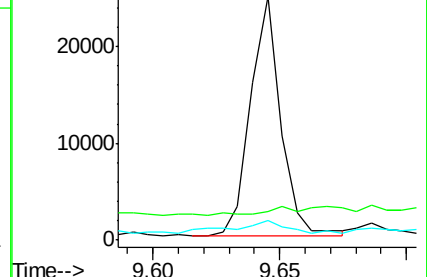
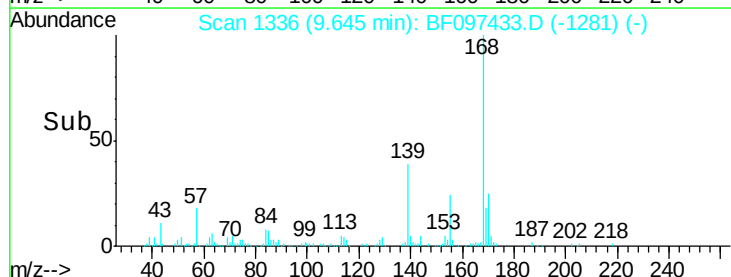
65 7.9 31.4 71.4#

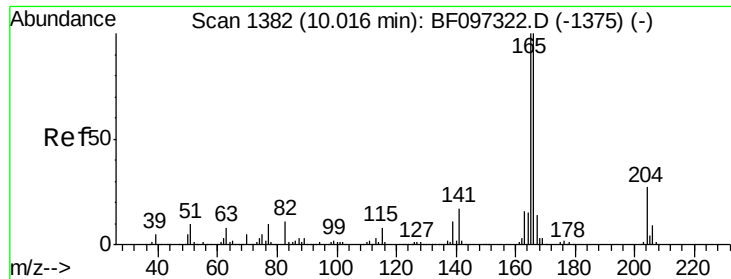


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

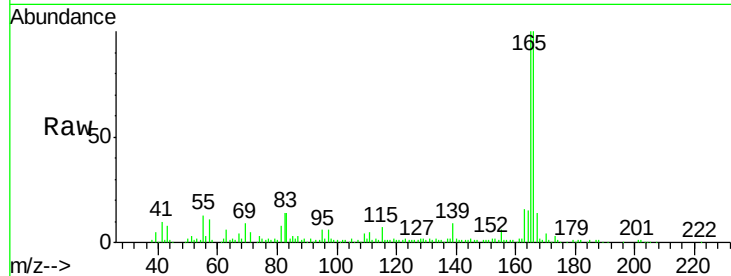




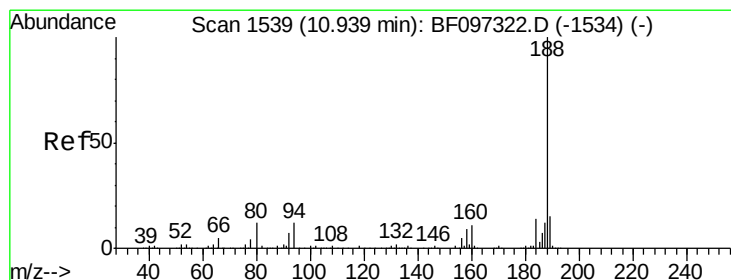
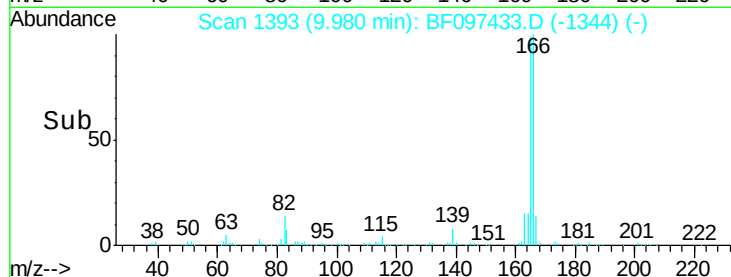
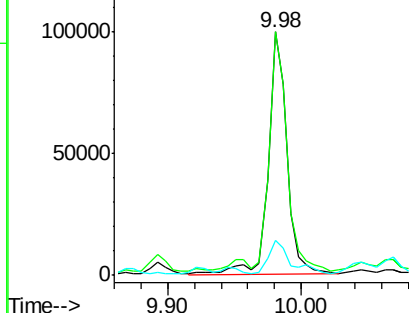
#57
 Fluorene
 Concen: 11.47 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

Tot Ion:166 Resp: 95814
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.8 118.2
 167 14.2 10.6 16.0

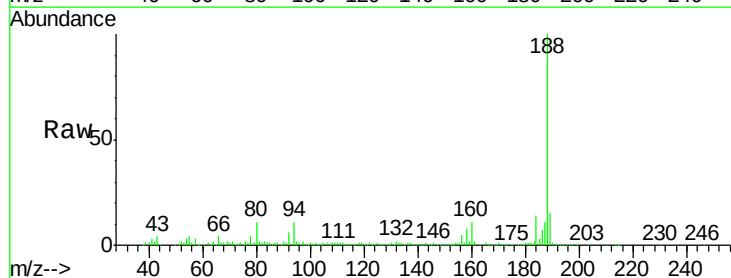


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

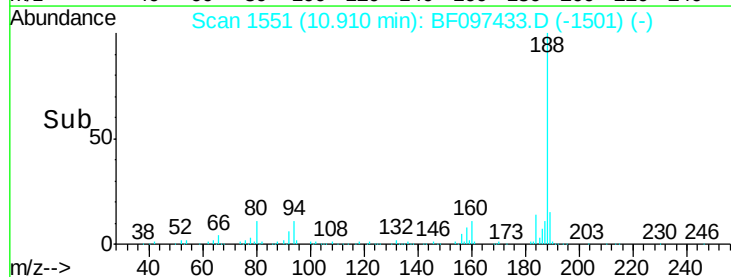
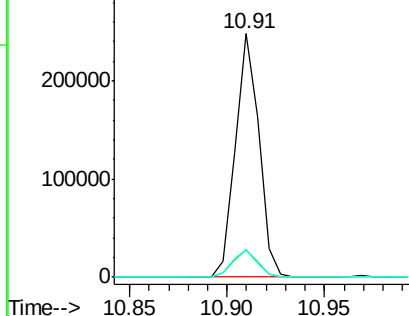


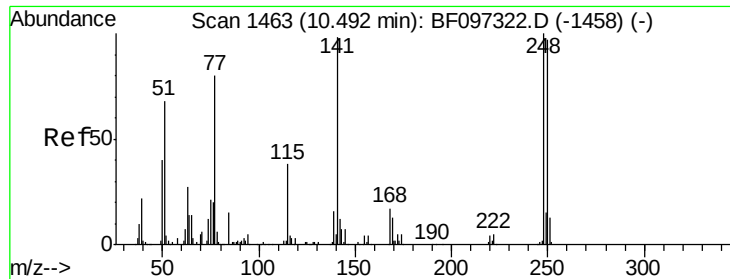
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion:188 Resp: 208319
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.1 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

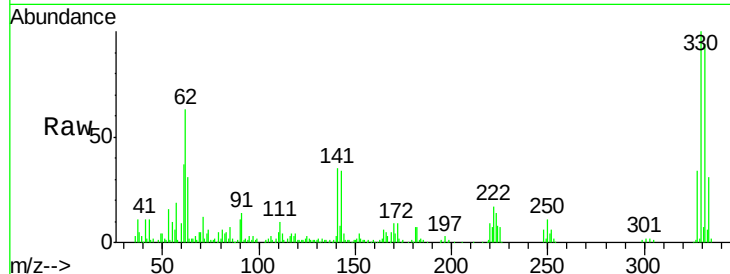




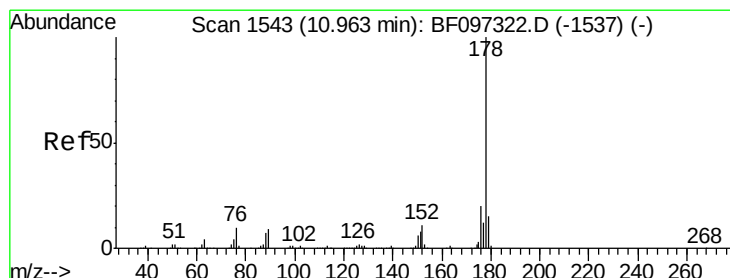
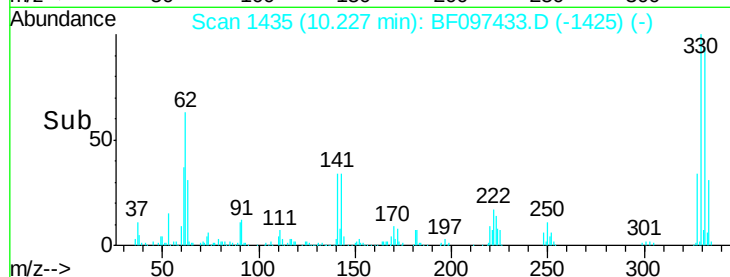
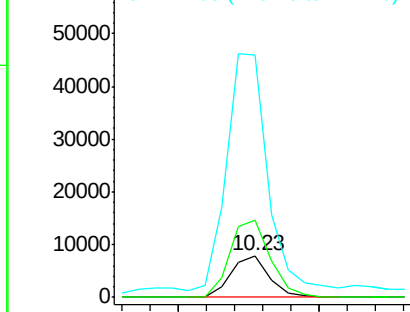
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

Tot Ion:248 Resp: 7434
 Ion Ratio Lower Upper
 248 100
 250 184.9 76.8 115.2#
 141 586.0 68.6 103.0#

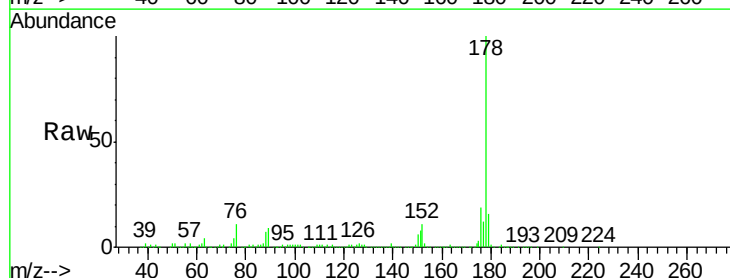


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

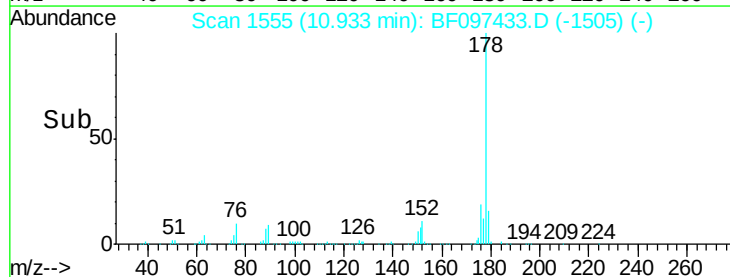
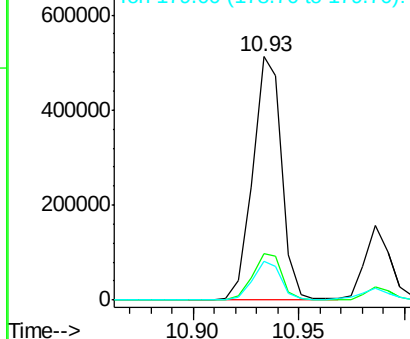


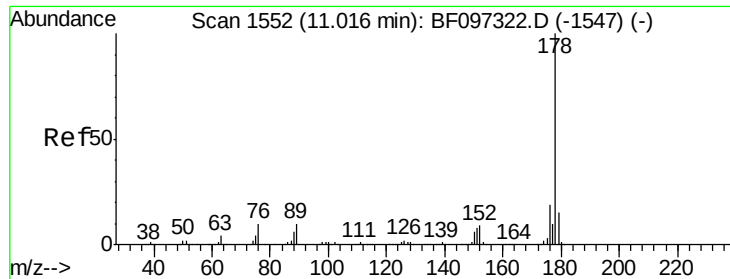
#70
 Phenanthrene
 Concen: 43.58 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion:178 Resp: 486444
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 16.1 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

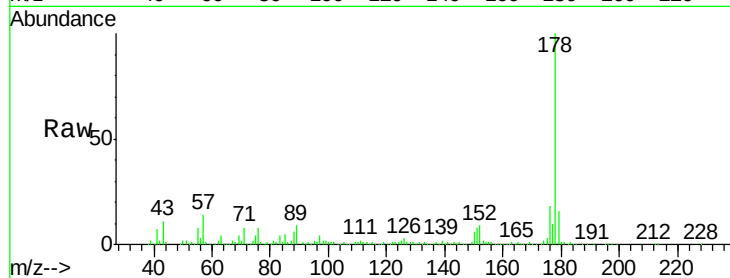




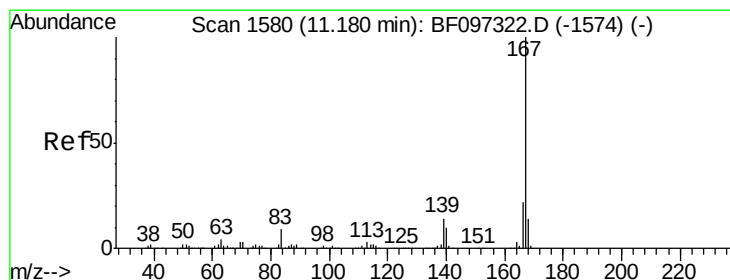
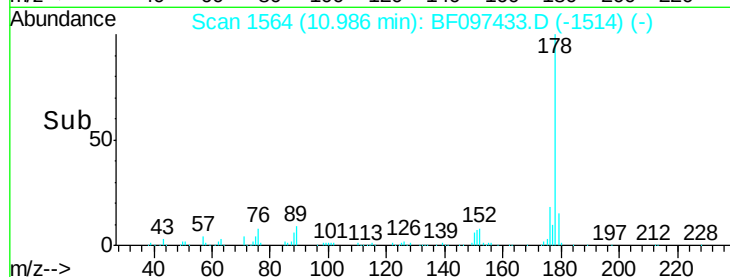
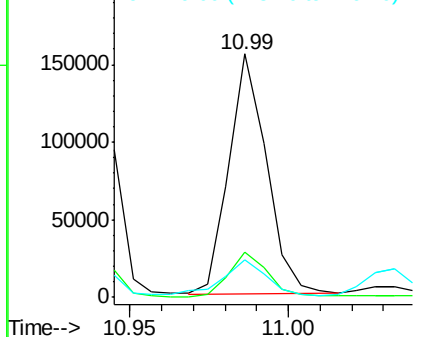
#71
 Anthracene
 Concen: 11.15 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

Tot Ion:178 Resp: 127441
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.7 12.7 19.1

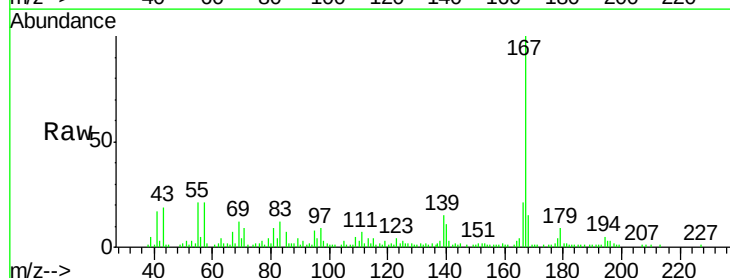


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

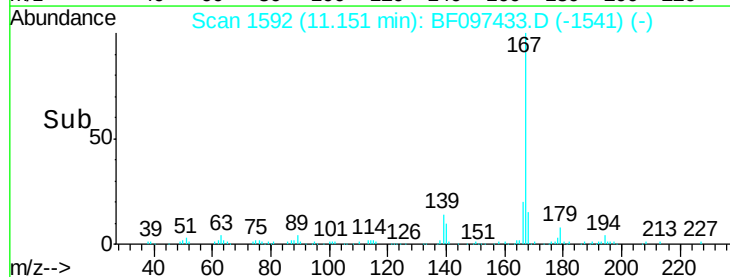
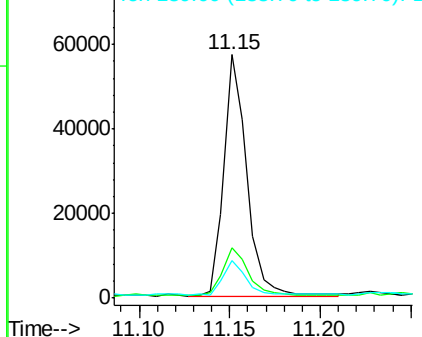


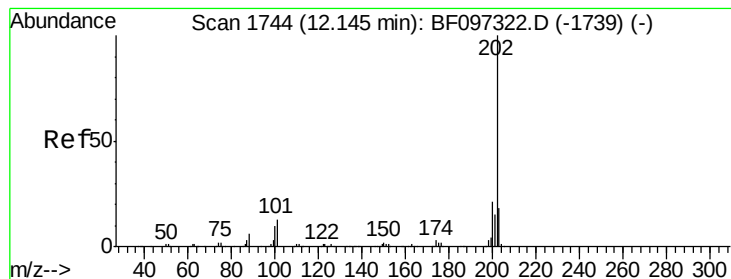
#72
 Carbazole
 Concen: 4.50 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion:167 Resp: 50640
 Ion Ratio Lower Upper
 167 100
 166 20.6 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: 59.16 ng

RT: 12.12 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

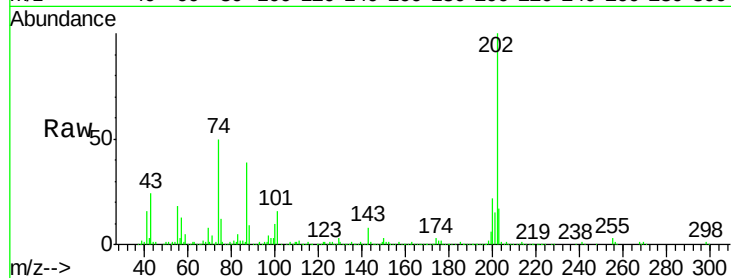
Tot Ion:202 Resp: 646852

Ion Ratio Lower Upper

202 100

101 16.0 0.0 33.2

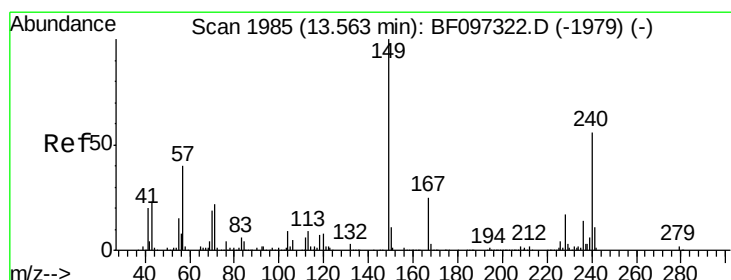
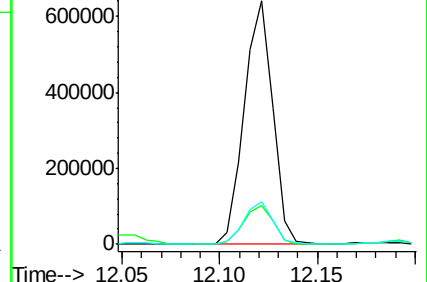
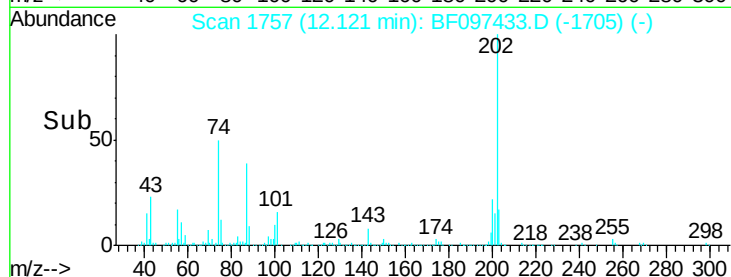
203 17.4 0.0 38.1



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: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

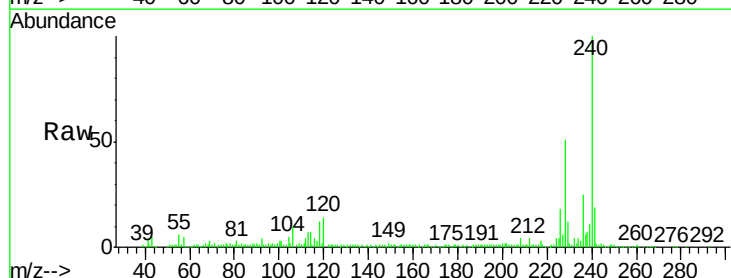
Tgt Ion:240 Resp: 172994

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

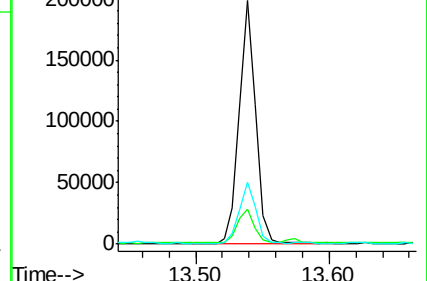
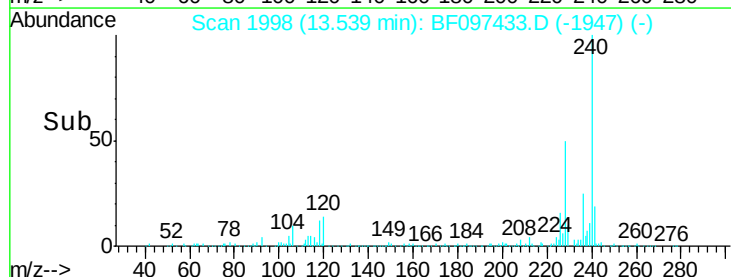
236 25.3 20.5 30.7

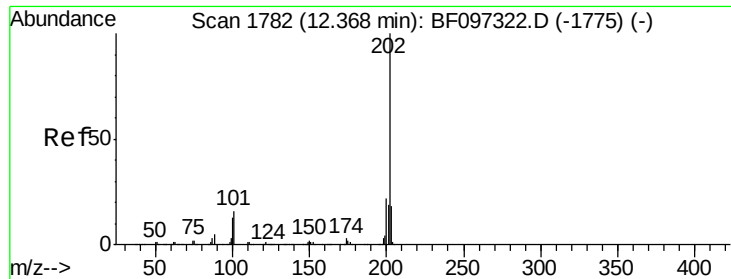


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

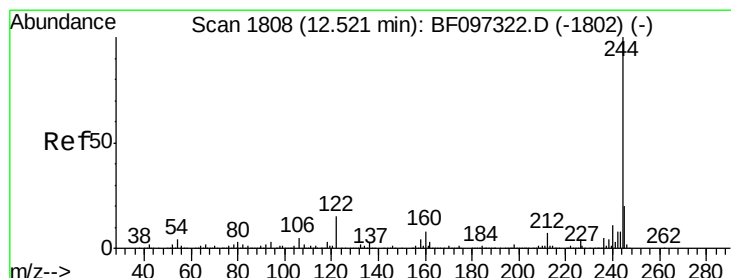
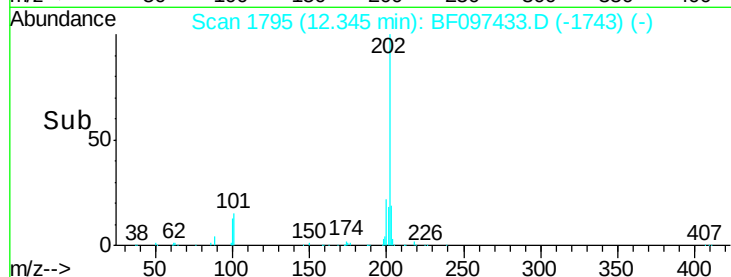
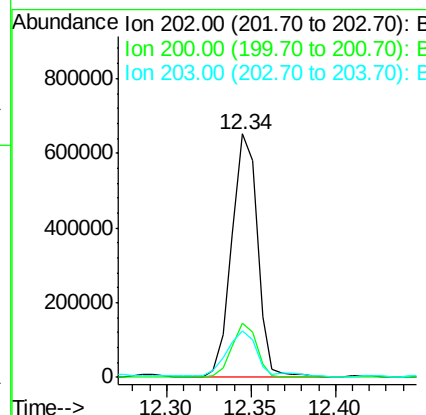
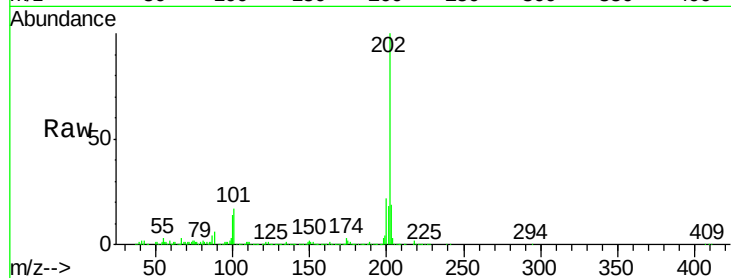




#77
 Pvrene
 Concen: 48.41 ng
 RT: 12.34 min Scan# 1795
 Delta R.T. 0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

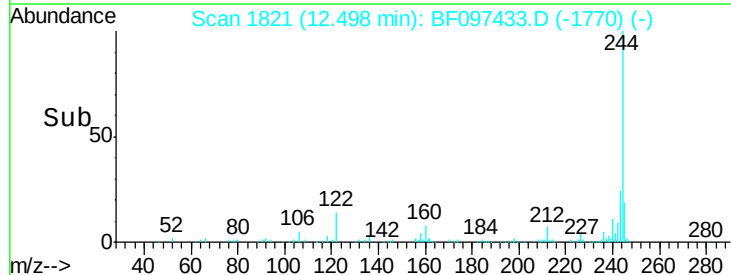
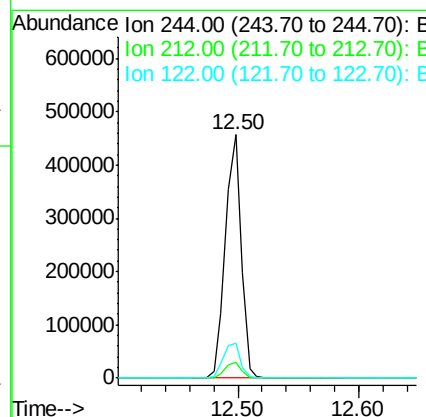
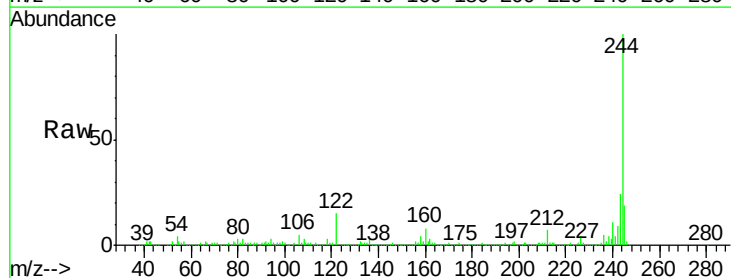
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

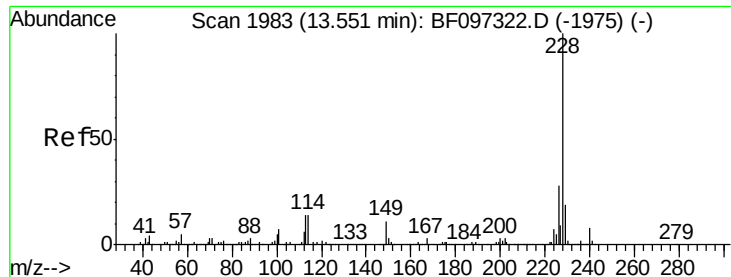
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.9	14.4	21.6



#78
 Terphenyl-d14
 Concen: 48.64 ng
 RT: 12.50 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.5	10.3	15.5





#80

Benzo(a)anthracene

Concen: 30.88 ng

RT: 13.53 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

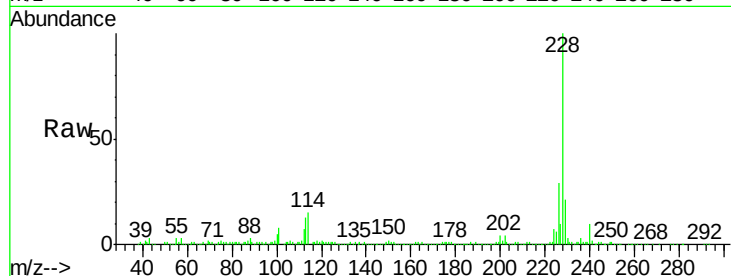
Tot Ion:228 Resp: 345704

Ion Ratio Lower Upper

228 100

226 29.5 22.6 33.8

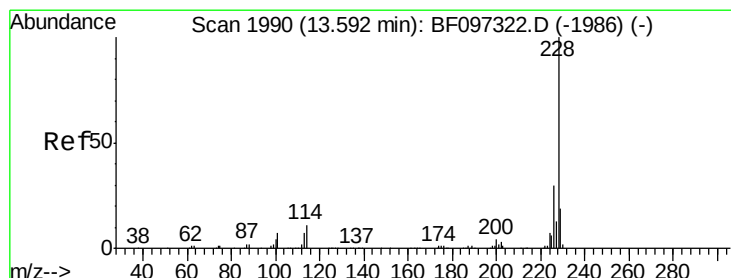
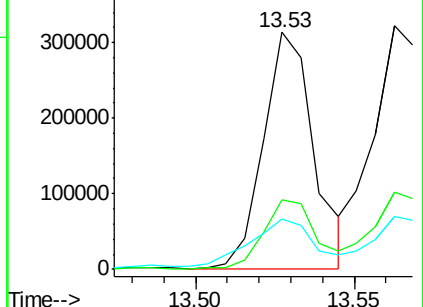
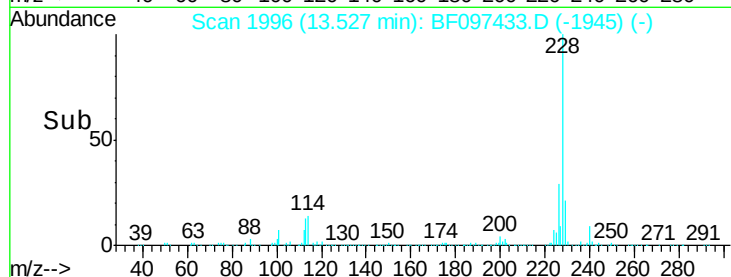
229 21.2 16.3 24.5



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: 31.56 ng

RT: 13.56 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

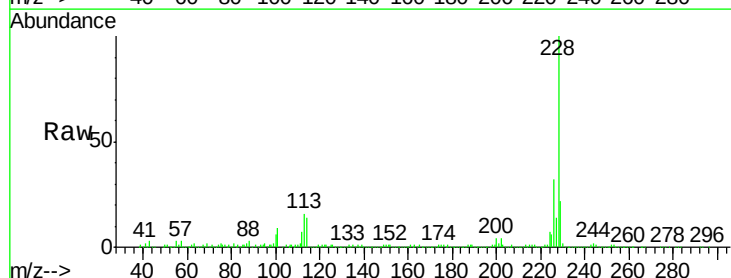
Tgt Ion:228 Resp: 344930

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

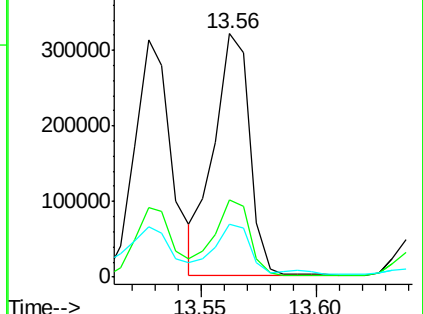
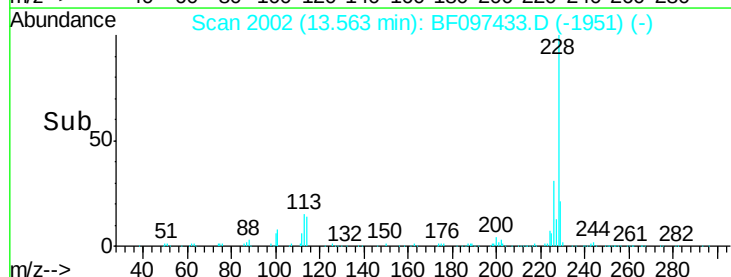
229 21.8 15.8 23.6

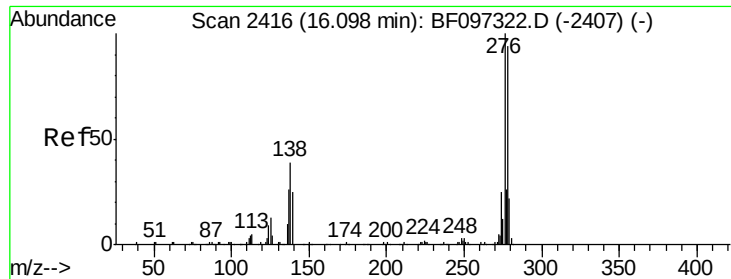


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

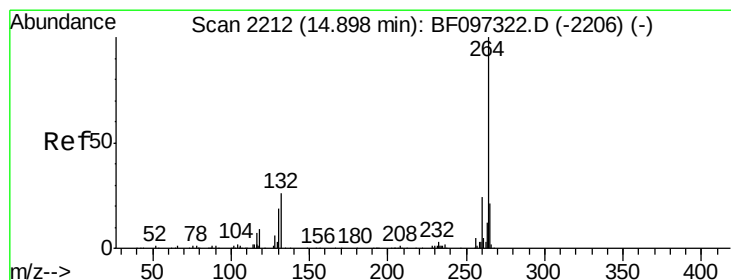
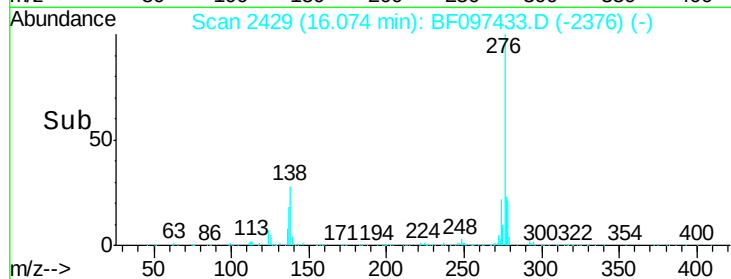
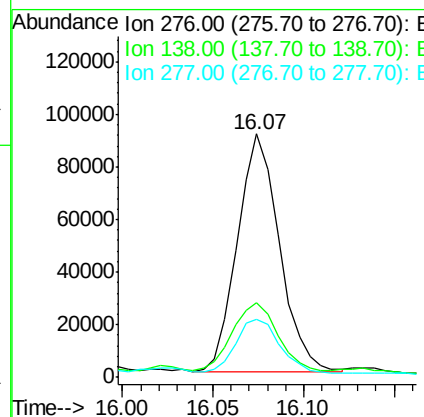
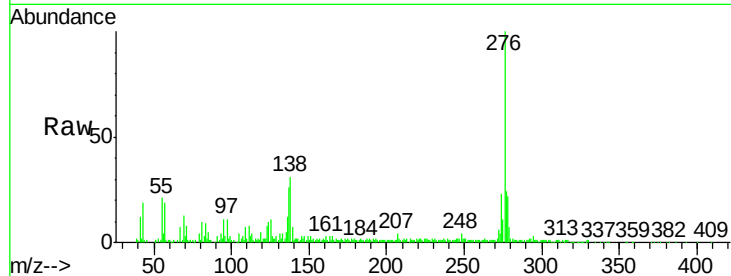




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.61 ng
 RT: 16.07 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

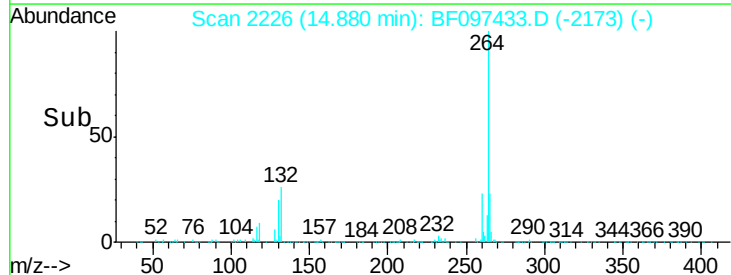
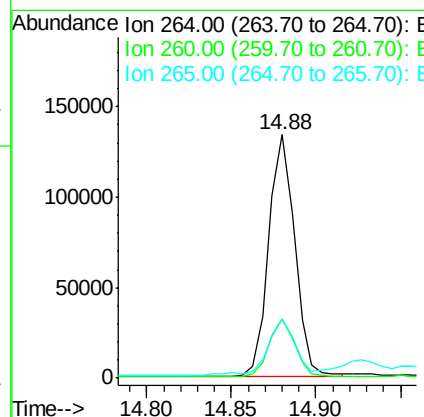
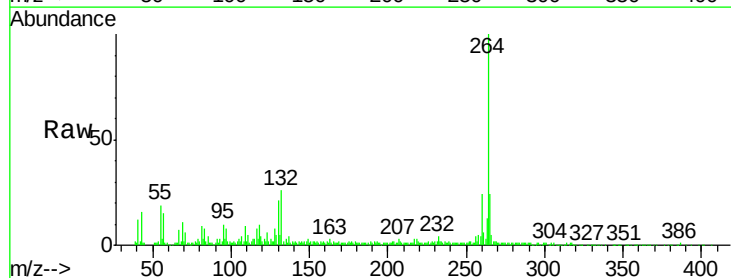
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-080317-A

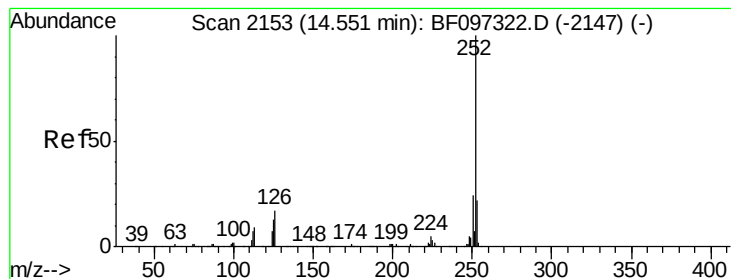
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	27.8	41.6
277	24.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097433.D
 Acq: 7 Aug 2017 17:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	24.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 63.23 ng

RT: 14.53 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

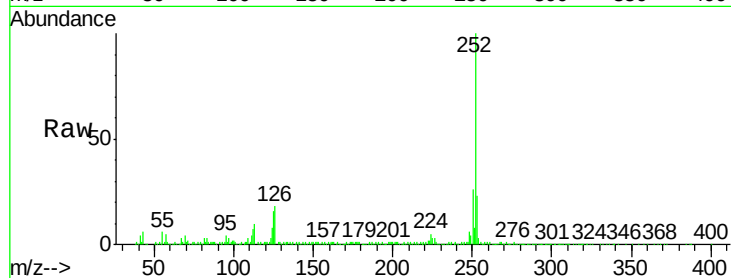
Tot Ion:252 Resp: 551949

Ion Ratio Lower Upper

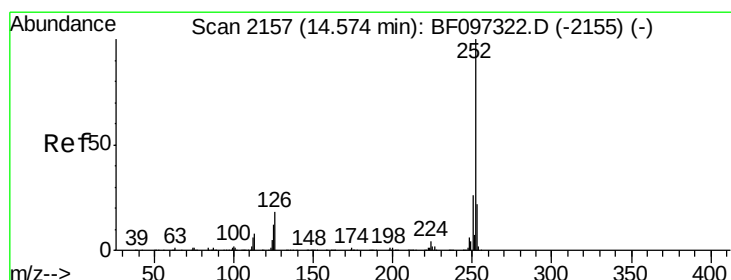
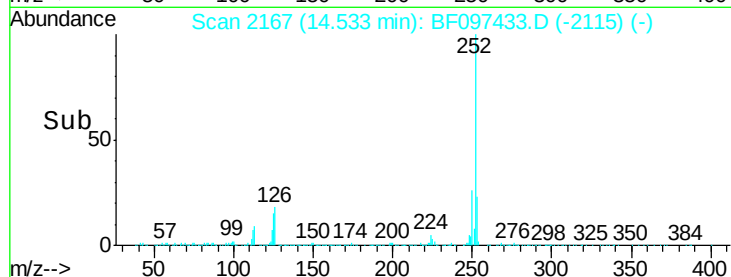
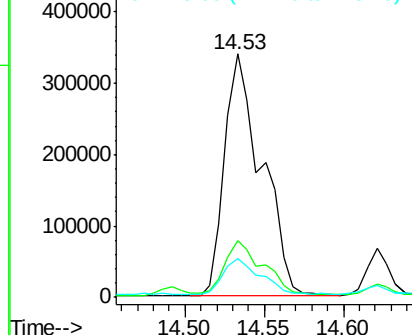
252 100

253 23.2 18.1 27.1

125 16.2 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: 66.36 ng

RT: 14.53 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

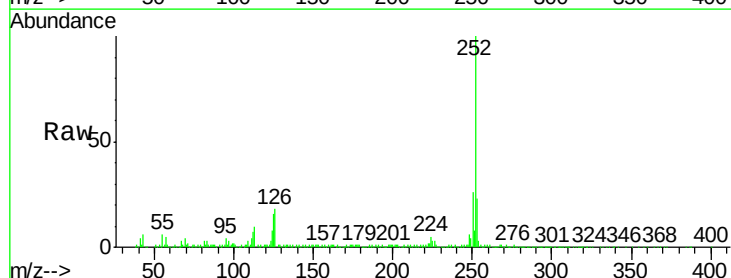
Tgt Ion:252 Resp: 551949

Ion Ratio Lower Upper

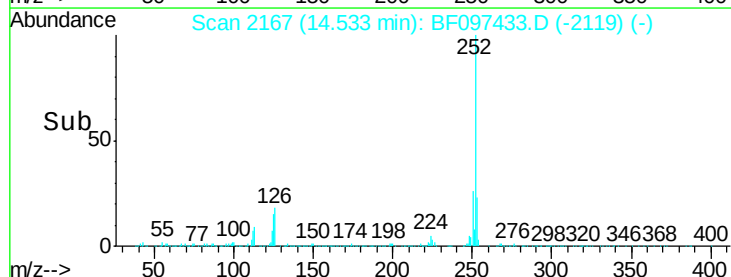
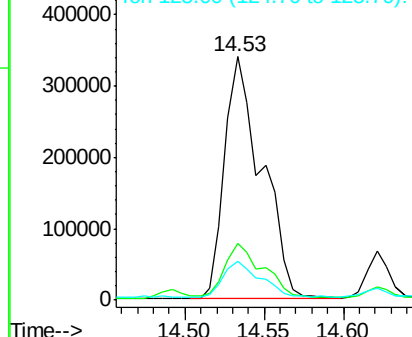
252 100

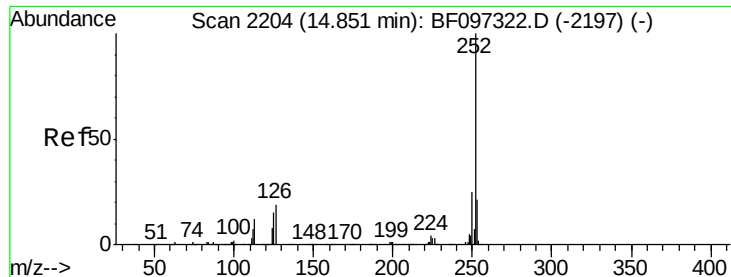
253 23.2 18.4 27.6

125 16.2 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: 36.01 ng

RT: 14.83 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

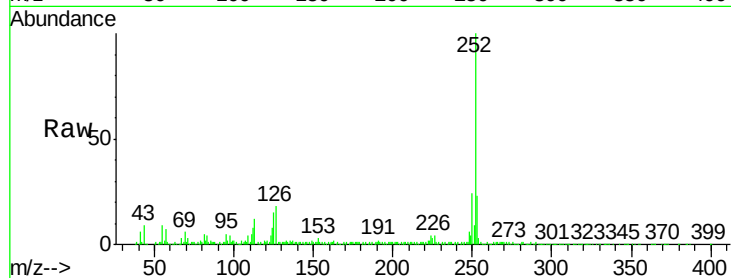
Tot Ion:252 Resp: 287692

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

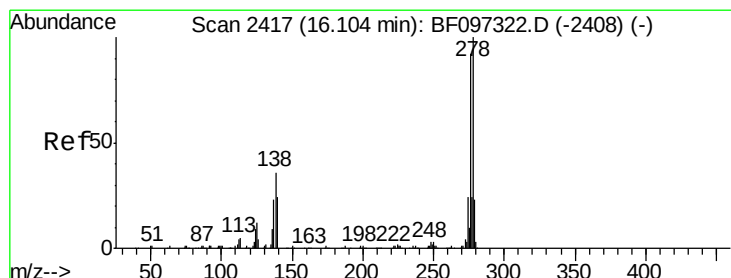
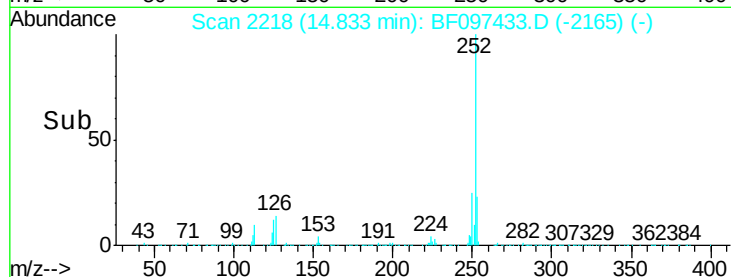
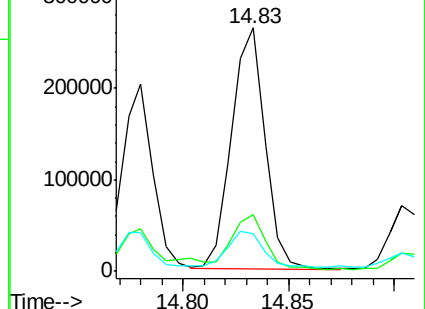
125 15.4 11.0 16.4



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: 5.80 ng

RT: 16.07 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

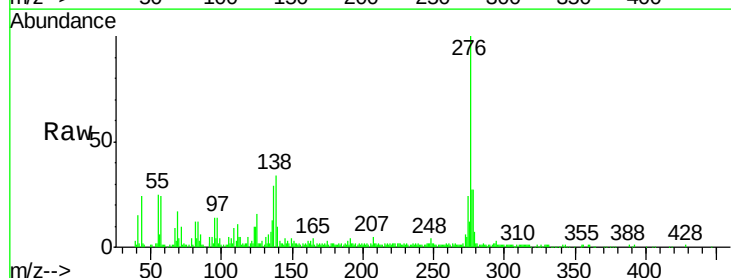
Tgt Ion:278 Resp: 38014

Ion Ratio Lower Upper

278 100

139 35.8 16.6 24.8#

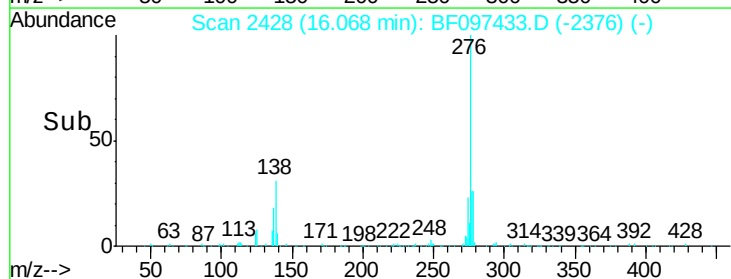
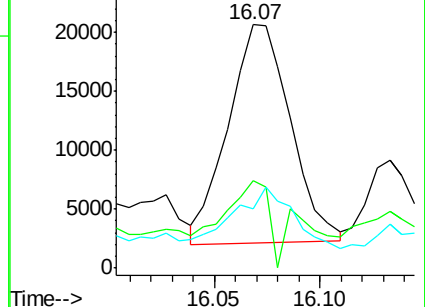
279 24.2 19.3 28.9

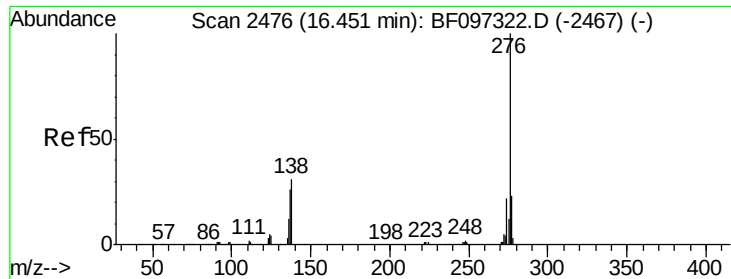


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 21.87 ng

RT: 16.43 min Scan# 2489

Delta R.T. 0.02 min

Lab File: BF097433.D

Acq: 7 Aug 2017 17:06

Instrument :

BNA_F

ClientSampleId :

SA-06-080317-A

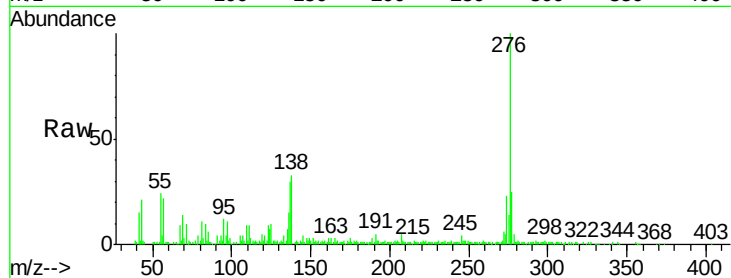
Tot Ion: 276 Resp: 150227

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 33.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

