

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
 Data File : BF097832.D
 Acq On : 18 Aug 2017 13:32
 Operator : SJ/JU
 Sample : I4820-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-18-WSW

Quant Time: Aug 18 14:22:45 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	130281	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	466070	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	168377	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	288296	20.00	ng	0.00
75) Chrysene-d12	13.93	240	254441	20.00	ng	0.00
86) Perylene-d12	15.36	264	173461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	992438	115.87	ng	0.00
7) Phenol-d6	6.41	99	1316443	113.12	ng	0.00
23) Nitrobenzene-d5	7.34	82	758607	88.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	155445	106.40	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	950261	82.92	ng	0.00
78) Terphenyl-d14	12.89	244	697089	57.13	ng	0.00

Target Compounds

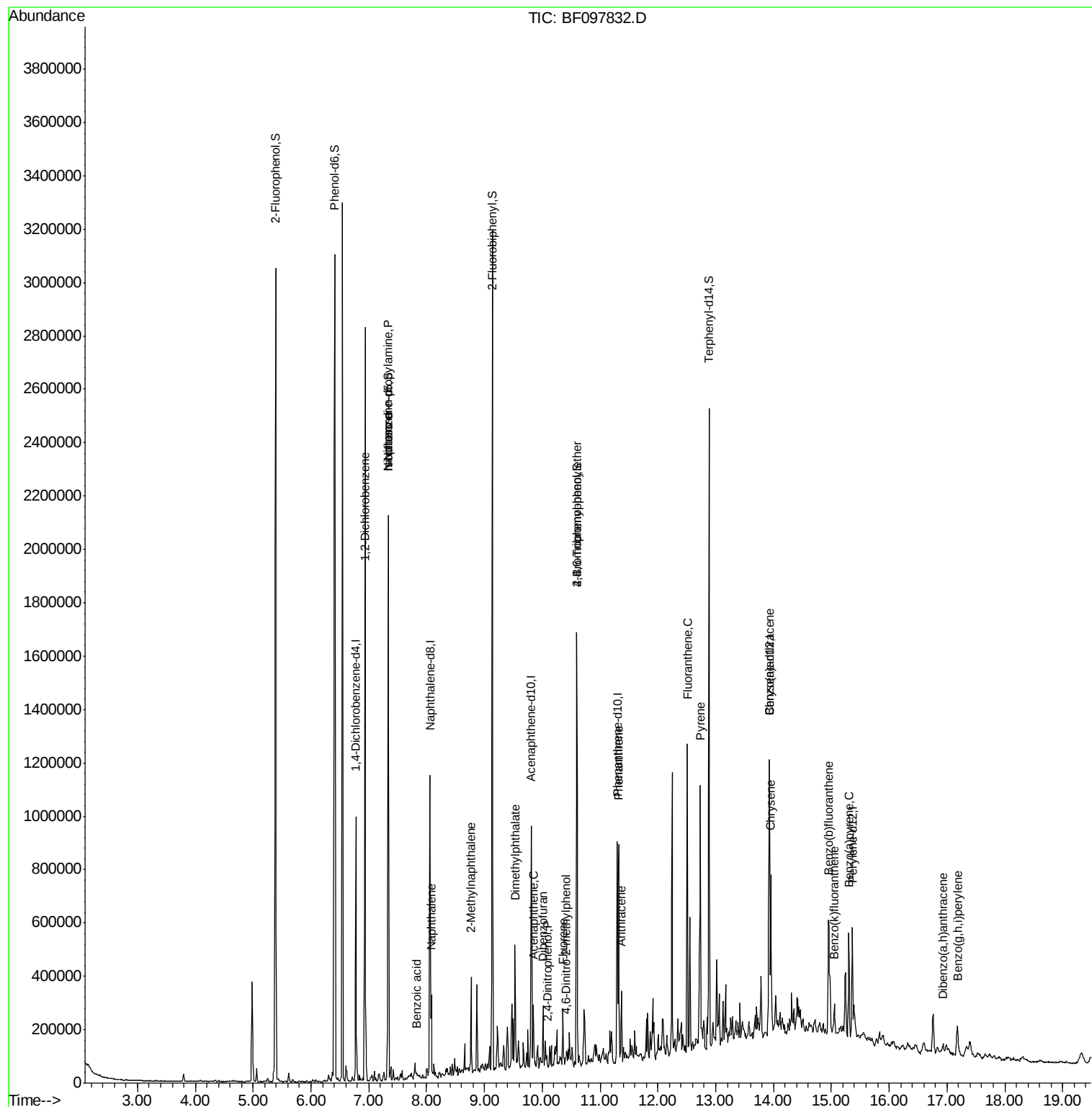
						Qvalue
14) 1,2-Dichlorobenzene	6.95	146	20418	2.241	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	102713	12.893	ng	# 72
25) Isophorone	7.34	82	756060	42.381	ng	# 67
31) Naphthalene	8.08	128	102869	4.251	ng	98
32) Benzoic acid	7.83	122	966	6.559	ng	# 1
37) 2-Methylnaphthalene	8.77	142	94056	6.340	ng	98
49) Dimethylphthalate	9.53	163	141771	11.519	ng	99
51) Acenaphthene	9.85	154	41533	3.696	ng	96
53) 2,4-Dinitrophenol	10.10	184	120	10.231	ng	# 4
54) Dibenzofuran	10.02	168	35466	2.355	ng	# 90
57) Fluorene	10.36	166	45357	3.896	ng	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	131	8.400	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	10422	3.481	ng	# 1
70) Phenanthrene	11.32	178	267657	17.423	ng	99
71) Anthracene	11.37	178	87023	5.585	ng	99
74) Fluoranthene	12.51	202	442979	27.626	ng	98
77) Pyrene	12.73	202	408623	19.636	ng	99
80) Benzo(a)anthracene	13.92	228	232580	15.251	ng	96
82) Chrysene	13.96	228	196763	12.971	ng	98
87) Benzo(b)fluoranthene	14.95	252	317546	29.043	ng	99
88) Benzo(k)fluoranthene	15.06	252	44383	4.321	ng	96
89) Benzo(a)pyrene	15.30	252	178878	18.480	ng	97
90) Dibenzo(a,h)anthracene	16.93	278	23652	3.001	ng	92
91) Benzo(g,h,i)perylene	17.18	276	86379	10.505	ng	# 93

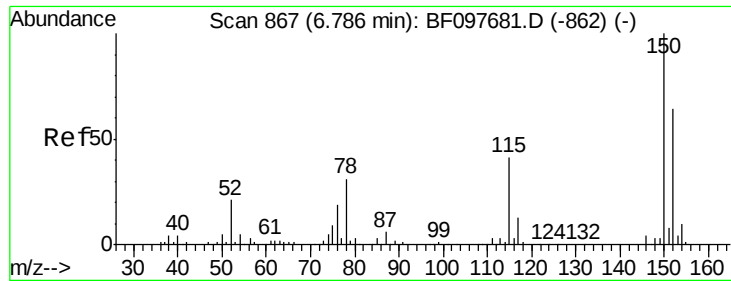
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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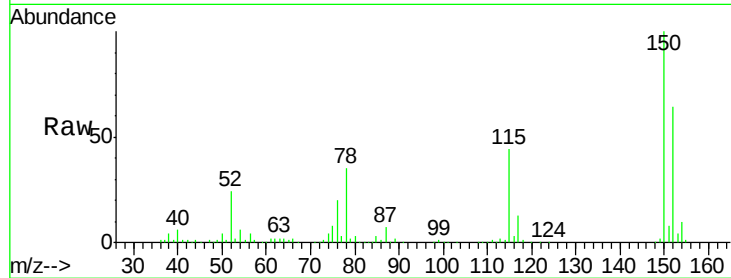


#1

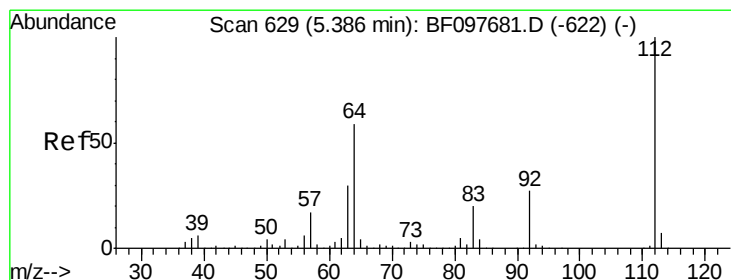
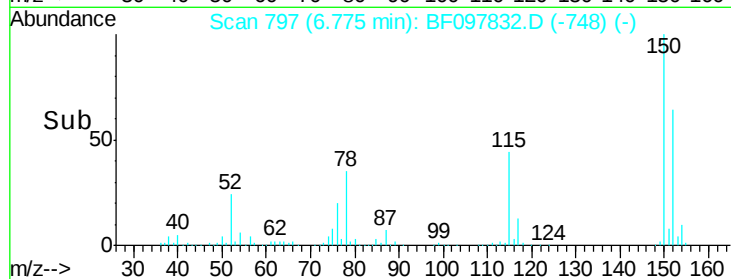
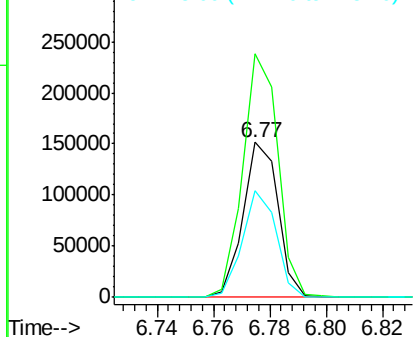
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-18-WSW

Tgt Ion:152 Resp: 130281
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 69.1 52.2 78.2



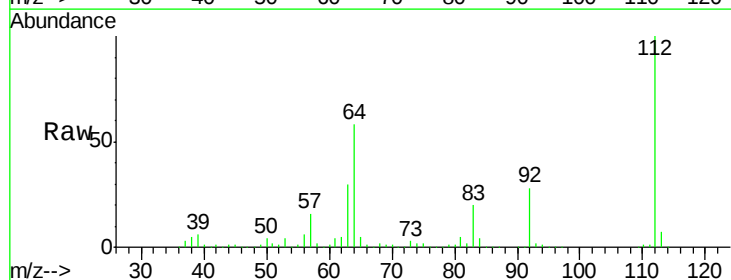
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



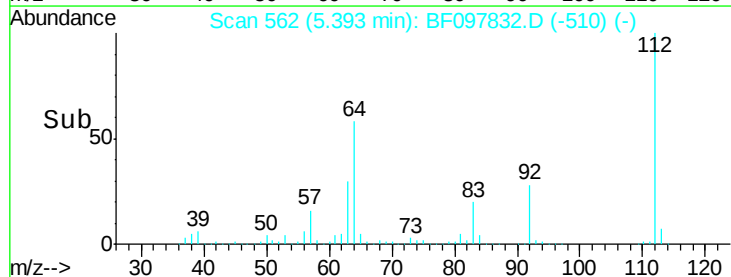
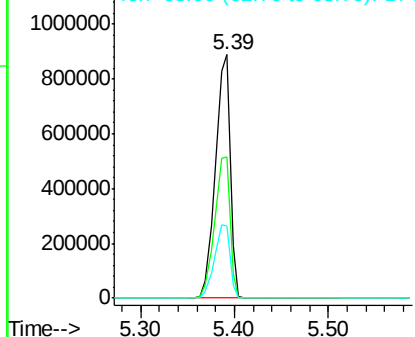
#5

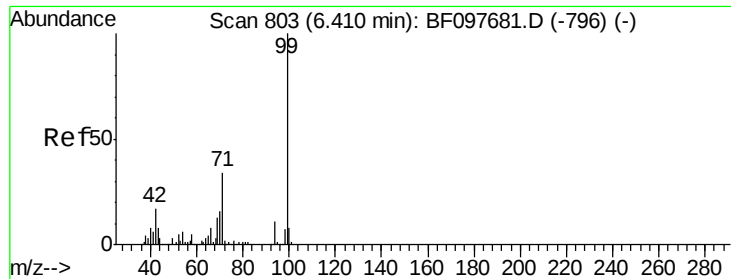
2-Fluorophenol
Concen: 115.870 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:112 Resp: 992438
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.9 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: 113.121 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

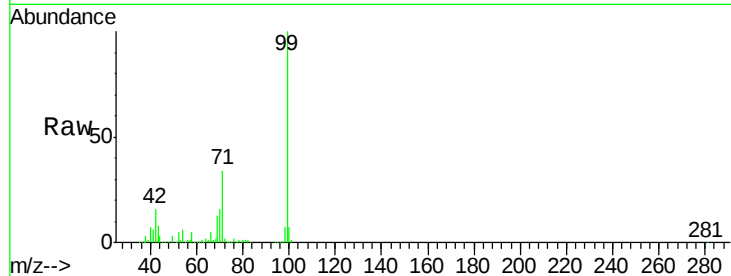
Tgt Ion: 99 Resp: 1316443

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

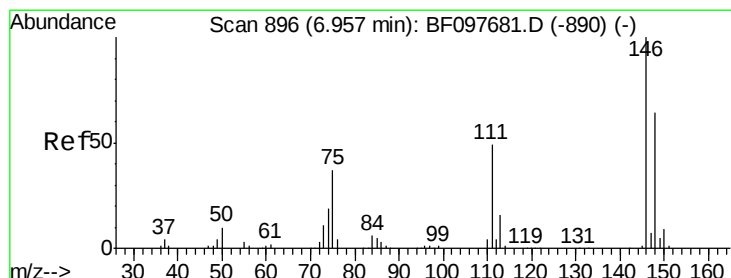
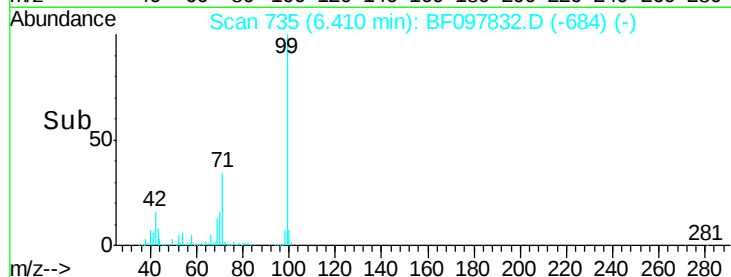
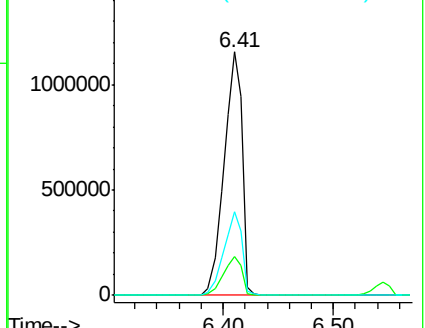
71 34.2 24.5 36.7



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



#14

1,2-Dichlorobenzene

Concen: 2.241 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

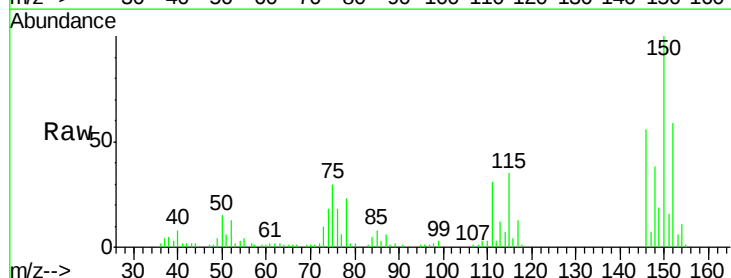
Tgt Ion: 146 Resp: 20418

Ion Ratio Lower Upper

146 100

148 68.2 50.4 75.6

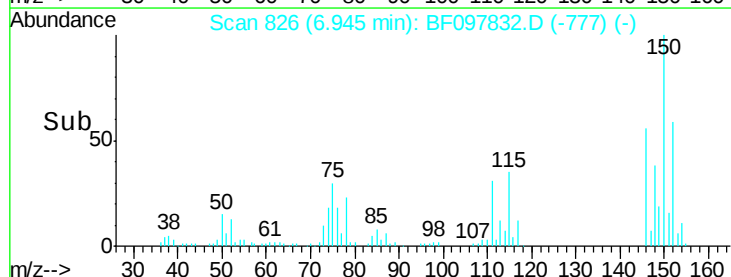
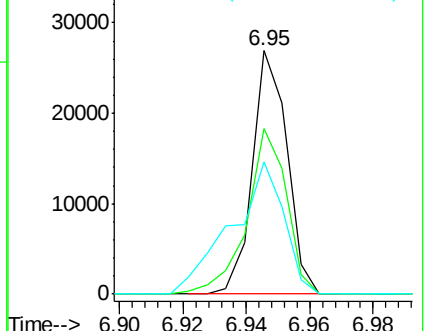
111 54.2 38.2 57.4

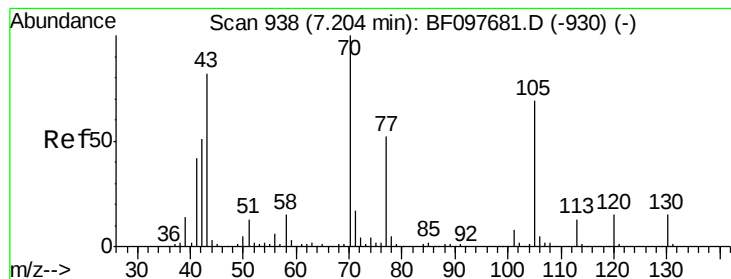


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.893 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

Tgt Ion: 70 Resp: 102713

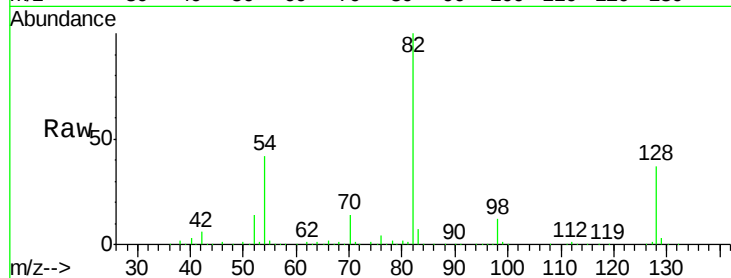
Ion Ratio Lower Upper

70 100

42 40.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

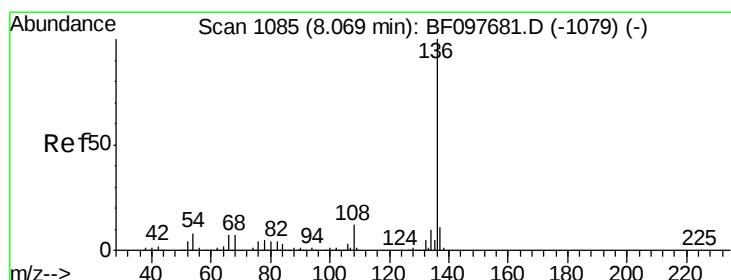
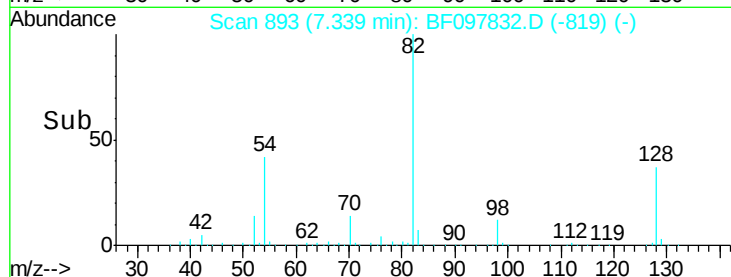
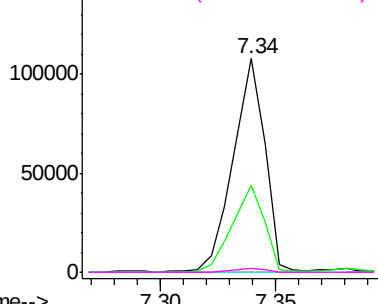


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Tgt Ion: 136 Resp: 466070

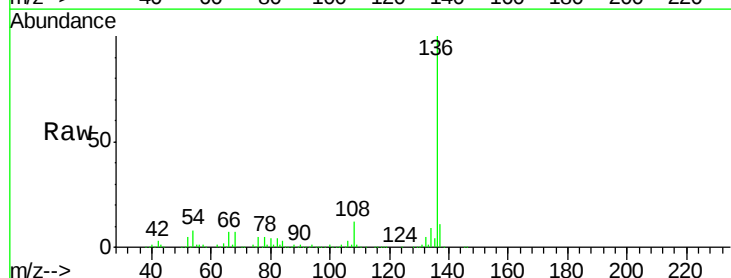
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 7.5 4.1 6.1#

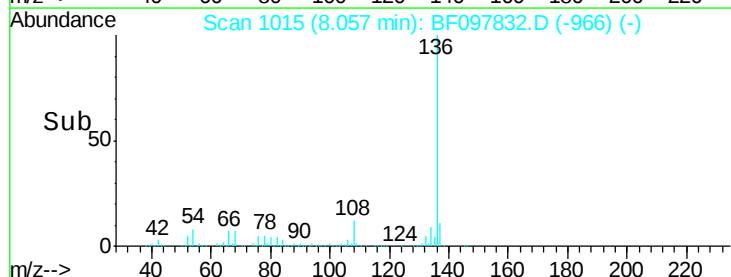
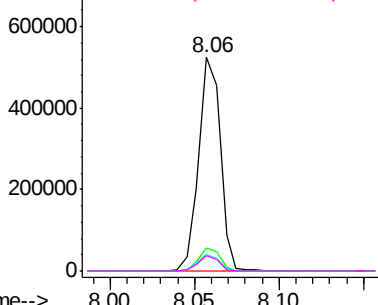


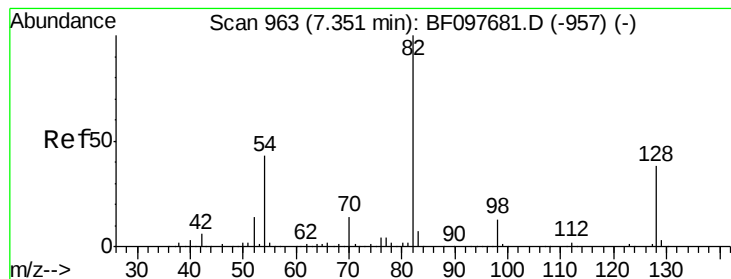
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 88.422 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

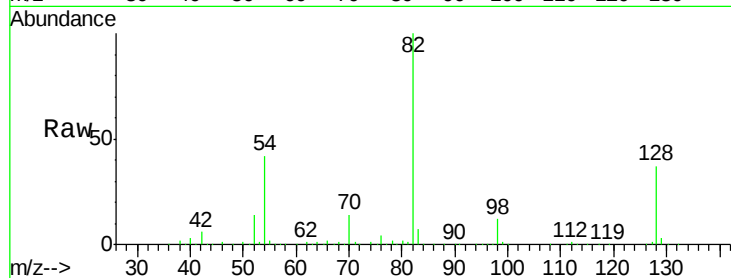
Tgt Ion: 82 Resp: 758607

Ion Ratio Lower Upper

82 100

128 37.0 34.0 51.0

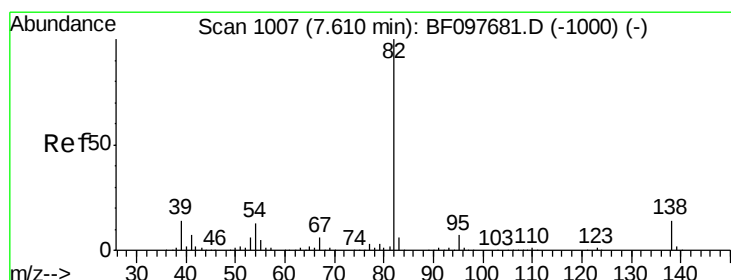
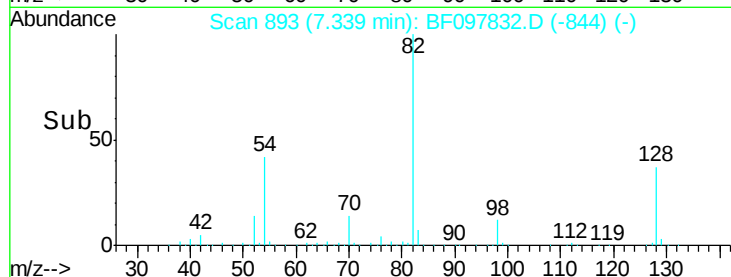
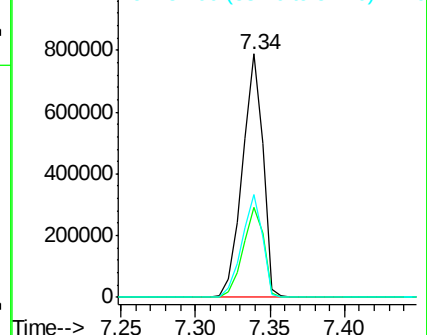
54 42.1 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 42.381 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

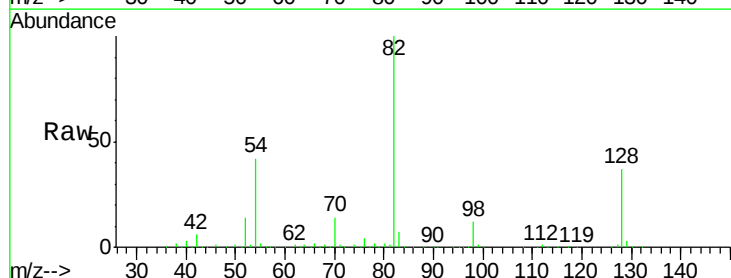
Tgt Ion: 82 Resp: 756060

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

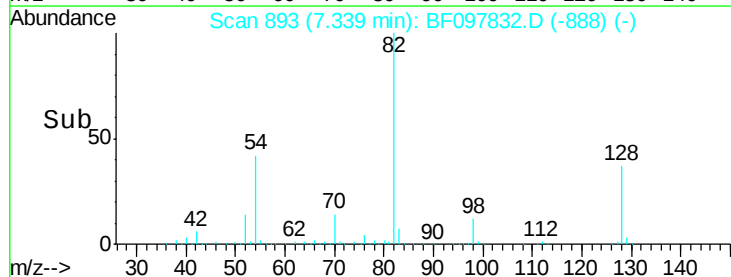
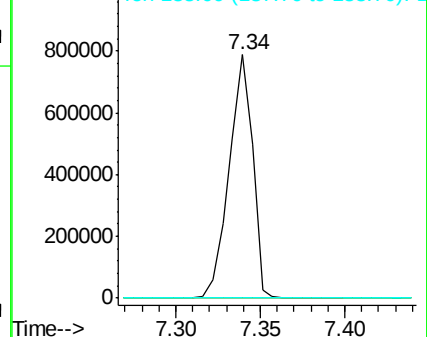
138 0.0 13.1 19.7#

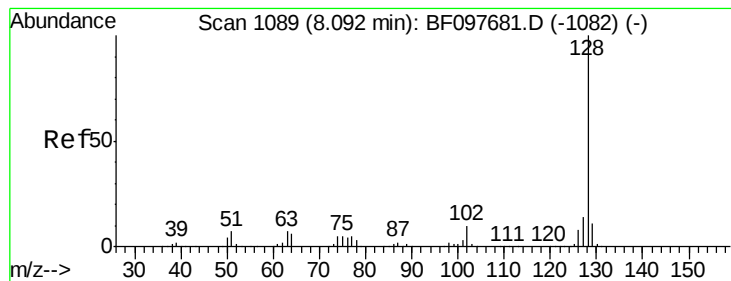


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 4.251 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

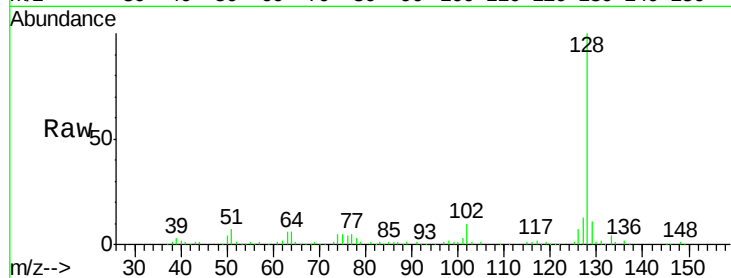
Tgt Ion:128 Resp: 102869

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

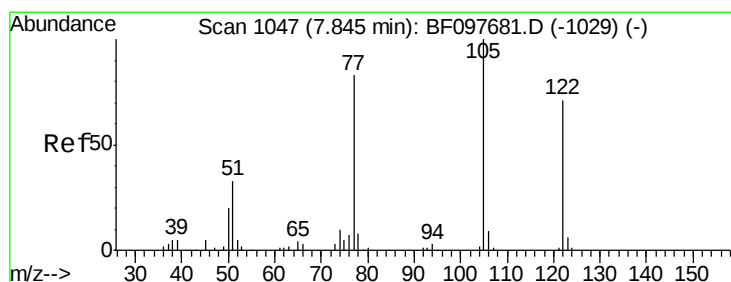
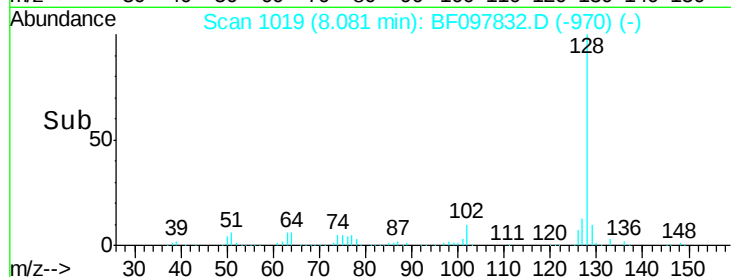
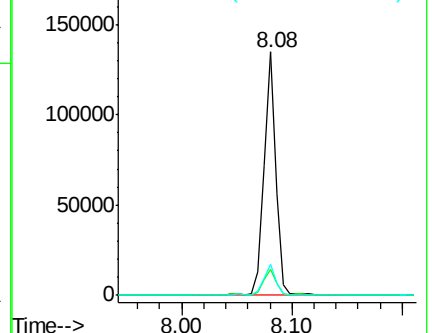
127 12.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.559 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

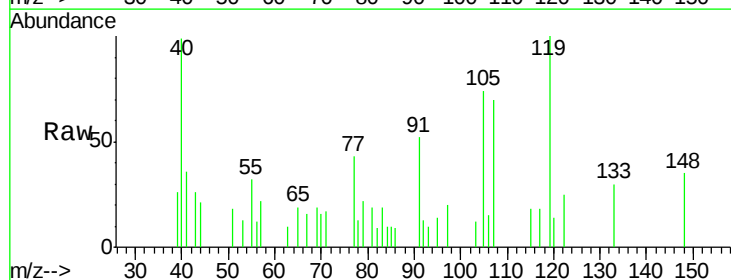
Tgt Ion:122 Resp: 966

Ion Ratio Lower Upper

122 100

105 293.1 103.3 143.3#

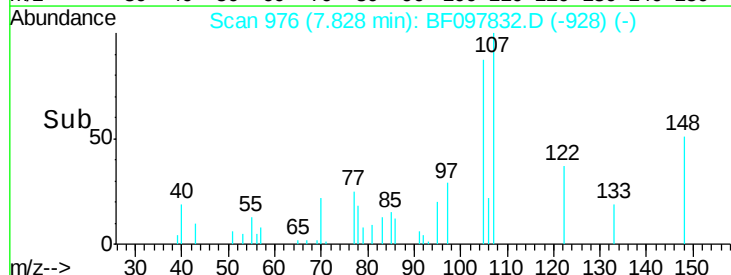
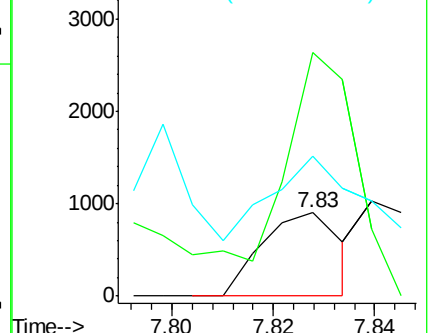
77 168.3 73.7 113.7#

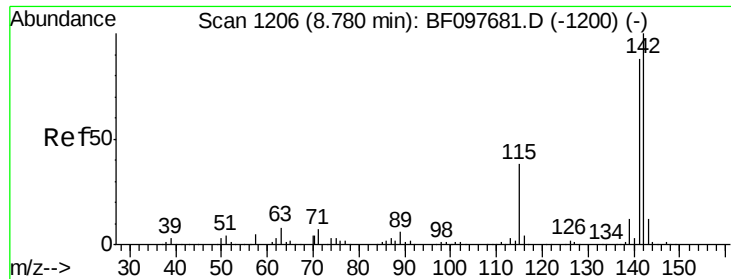


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

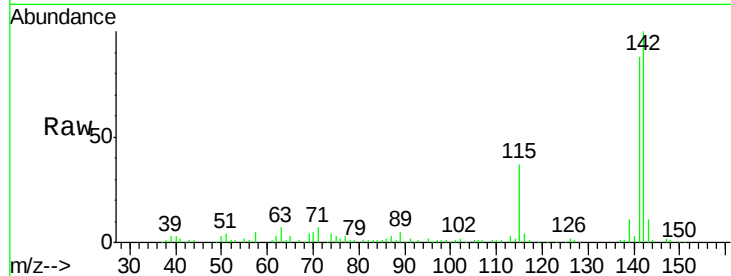




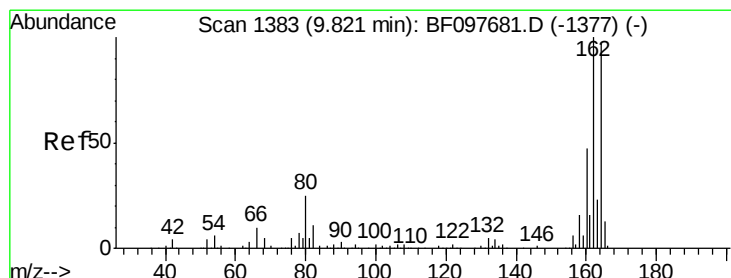
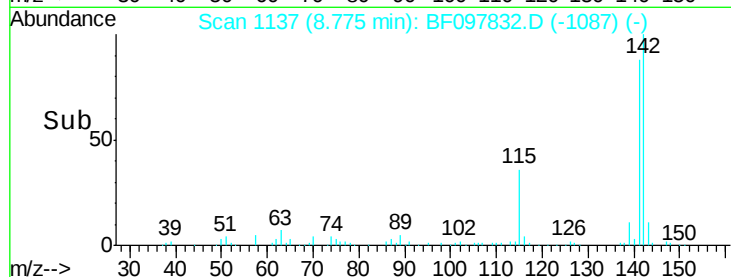
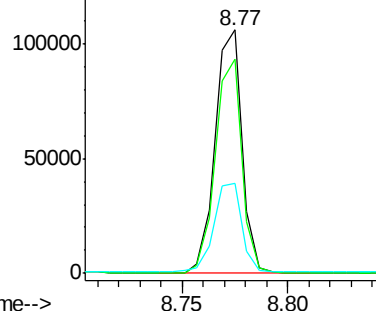
#37
2-Methylnaphthalene
Concen: 6.340 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampled :
E2-18-WSW

Tgt Ion:142 Resp: 94056
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9
115 36.8 27.1 40.7

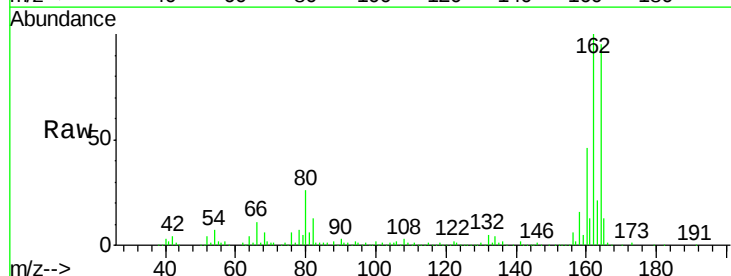


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

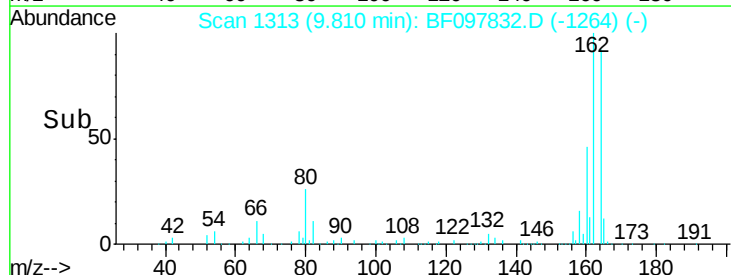
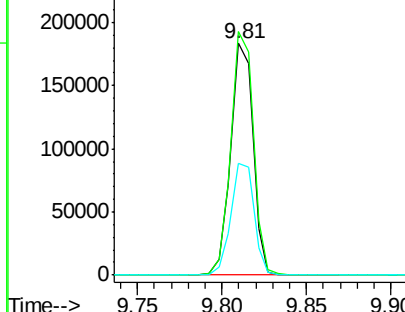


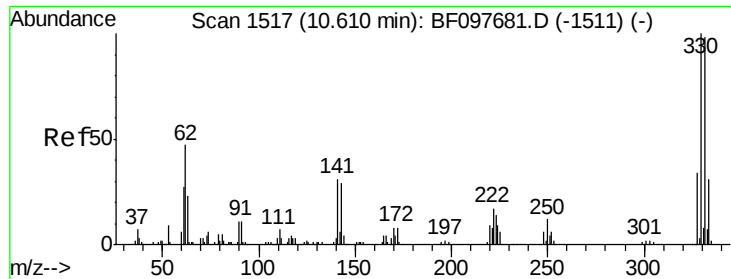
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:164 Resp: 168377
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 48.1 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

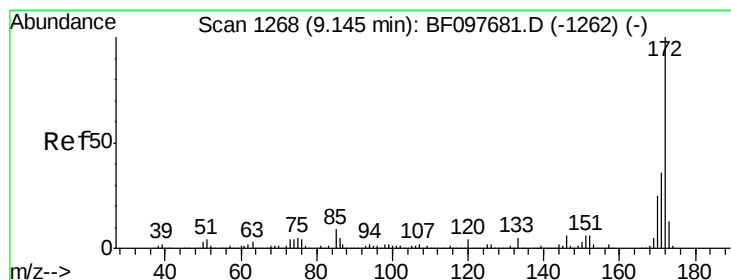
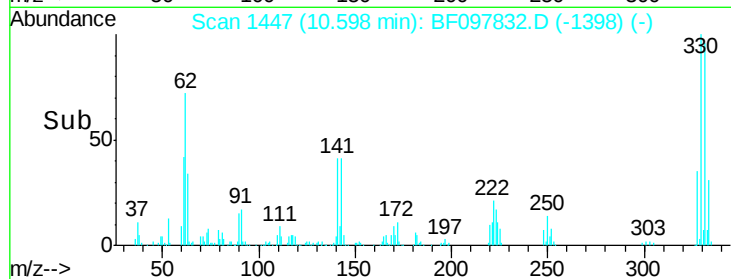
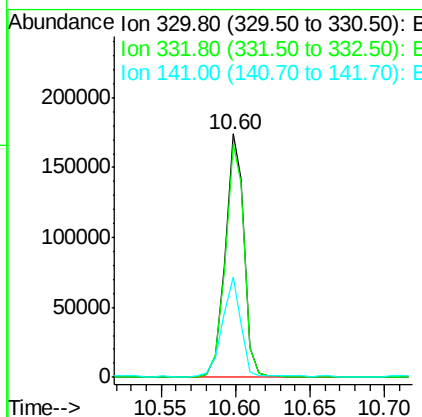
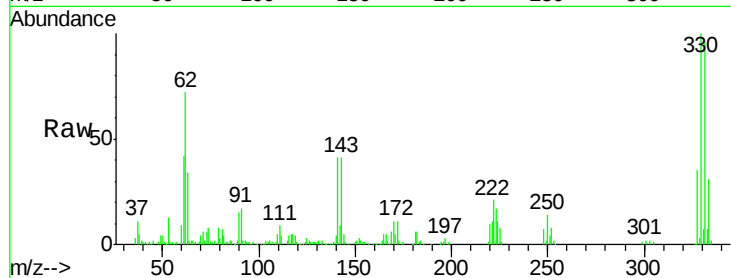




#41
 2,4,6-Tribromophenol
 Concen: 106.400 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

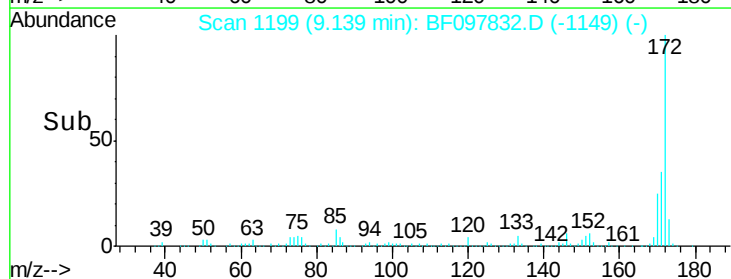
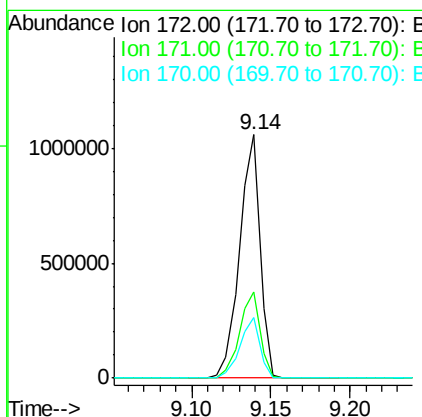
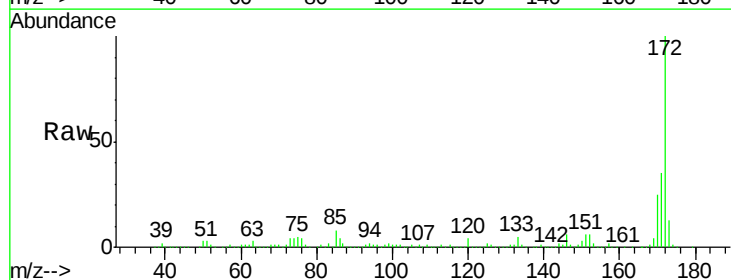
Instrument :
 BNA_F
 ClientSampleId :
 E2-18-WSW

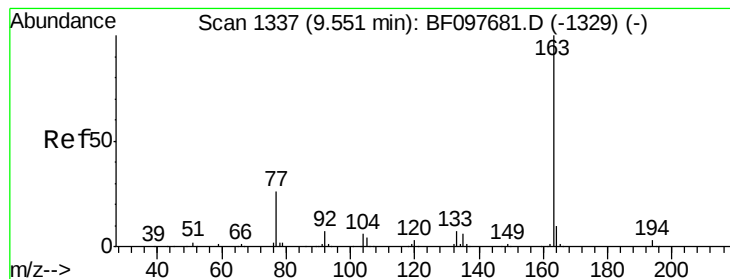
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 82.917 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.8	19.8	29.8





#49

Dimethylphthalate

Concen: 11.519 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

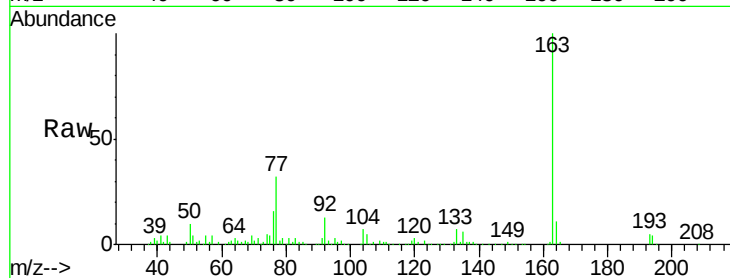
Tgt Ion:163 Resp: 141771

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

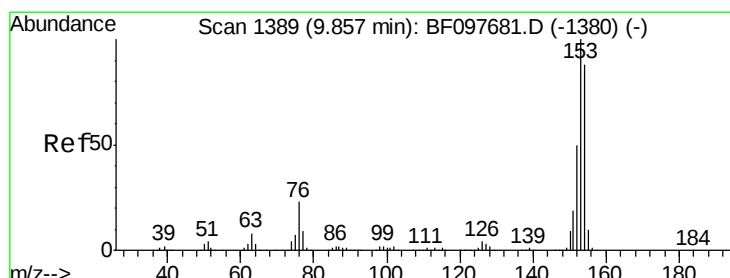
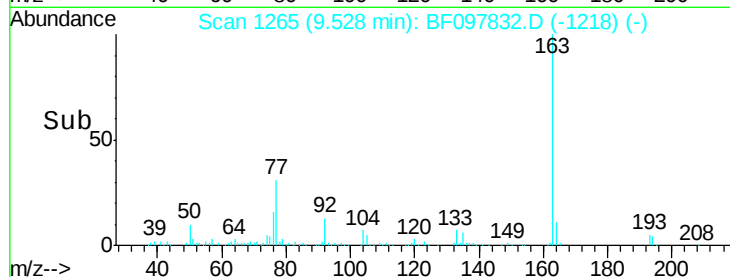
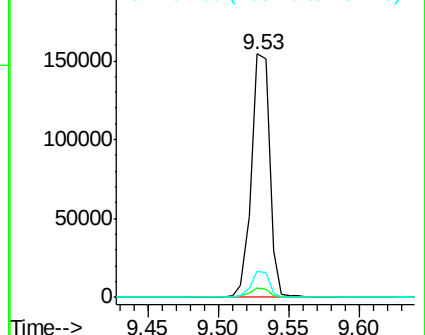
164 10.6 8.4 12.6



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: 3.696 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

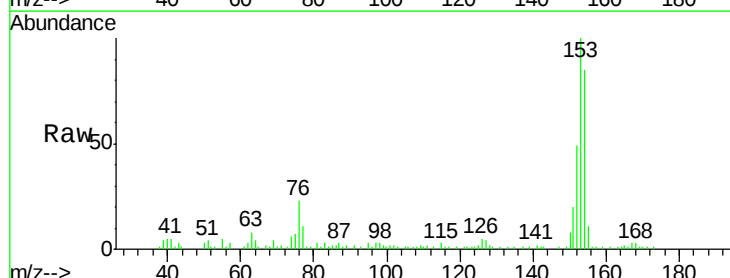
Tgt Ion:154 Resp: 41533

Ion Ratio Lower Upper

154 100

153 117.5 90.5 135.7

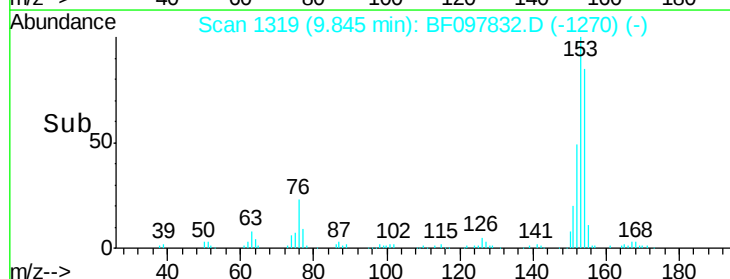
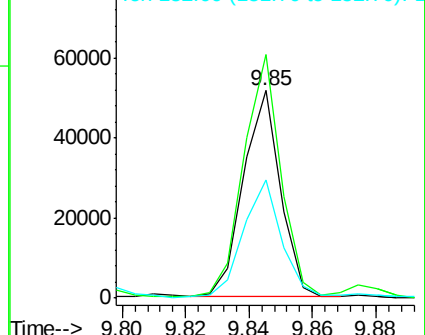
152 57.3 43.6 65.4

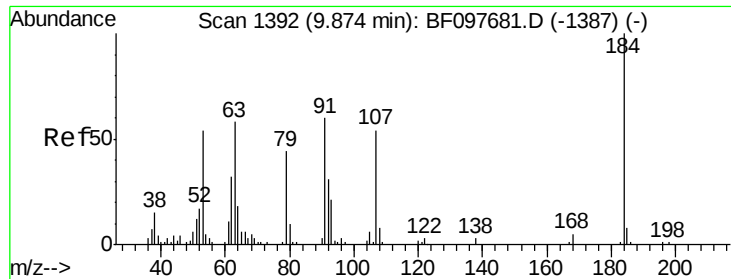


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

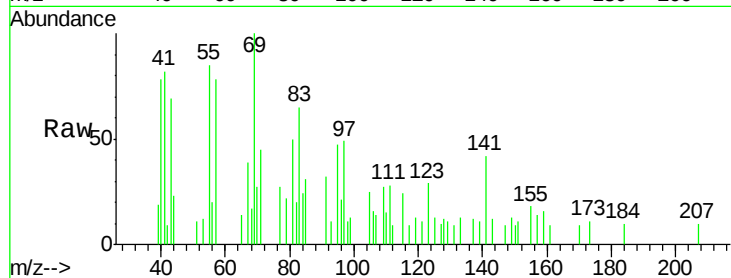




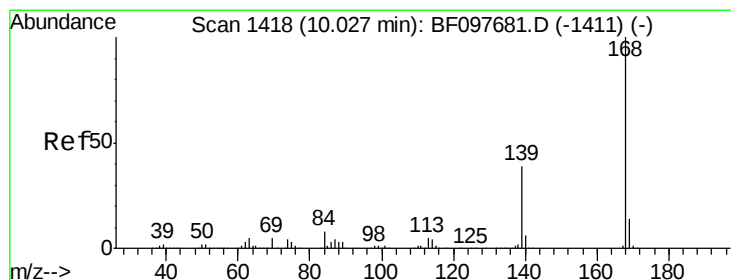
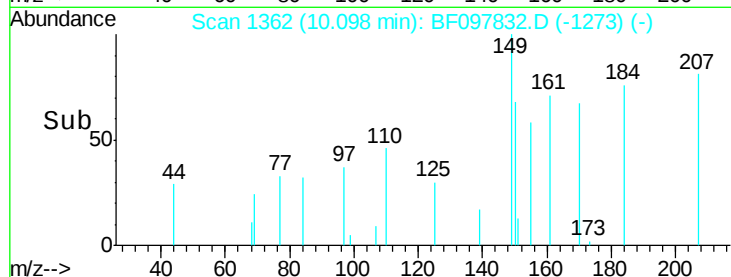
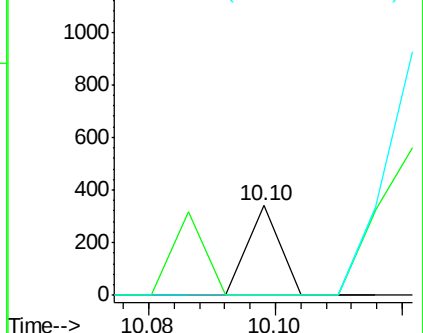
#53
2,4-Dinitrophenol
Concen: 10.231 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.22 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-18-WSW

Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 0.0 62.7 94.1#
154 0.0 81.1 121.7#

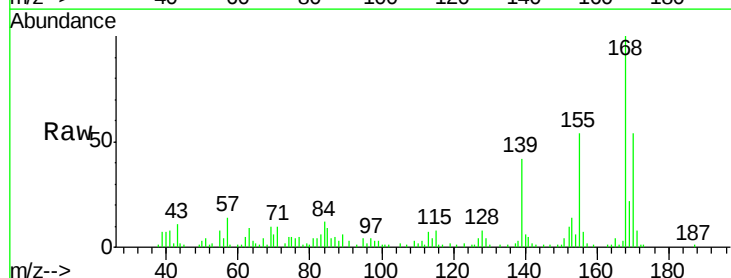


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

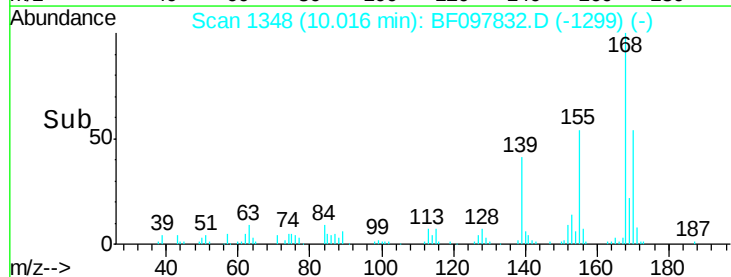
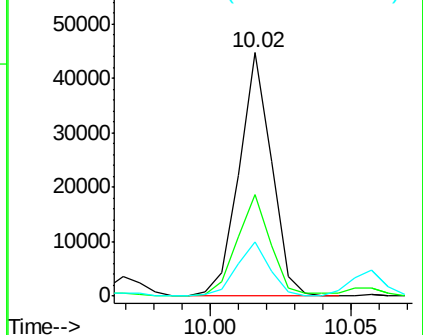


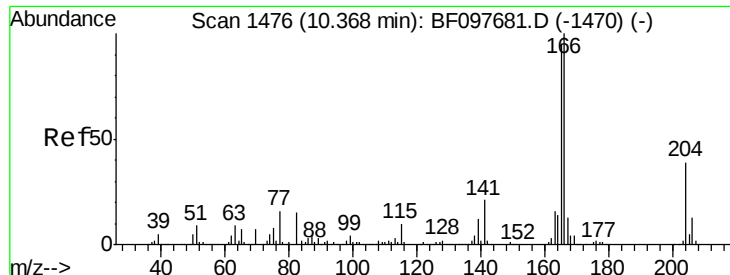
#54
Dibenzofuran
Concen: 2.355 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:168 Resp: 35466
Ion Ratio Lower Upper
168 100
139 41.8 30.6 45.8
169 22.2 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

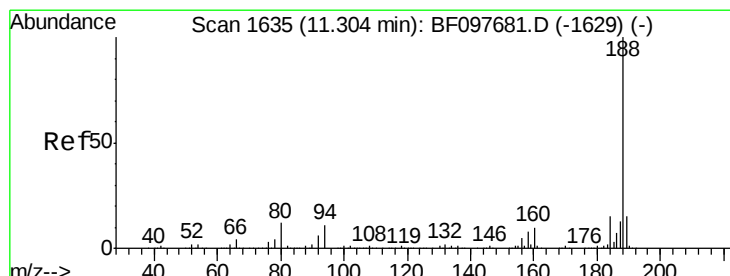
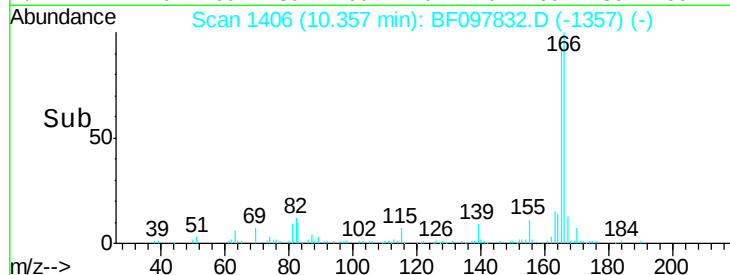
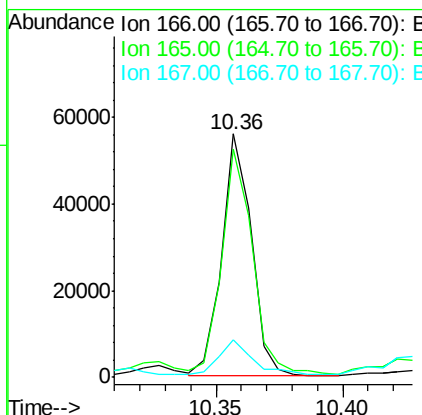
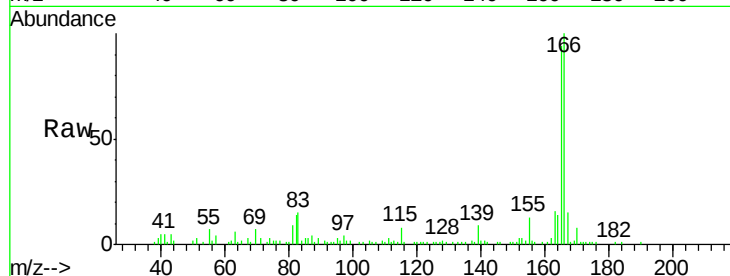




#57
Fluorene
 Concen: 3.896 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

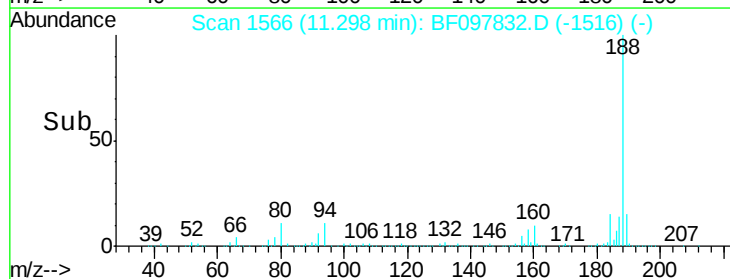
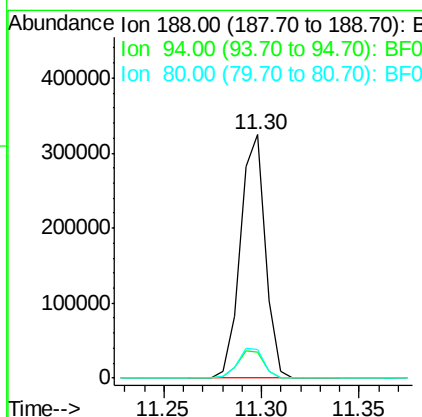
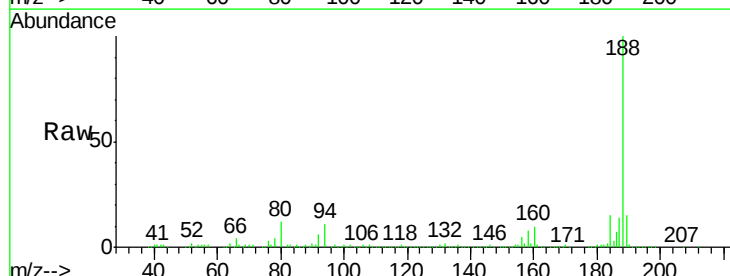
Instrument :
 BNA_F
 ClientSampleId :
 E2-18-WSW

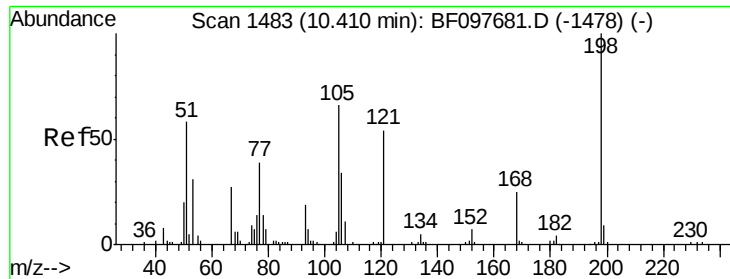
Tgt Ion:166 Resp: 45357
 Ion Ratio Lower Upper
 166 100
 165 93.9 78.8 118.2
 167 15.2 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

Tgt Ion:188 Resp: 288296
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.5 10.2 15.2

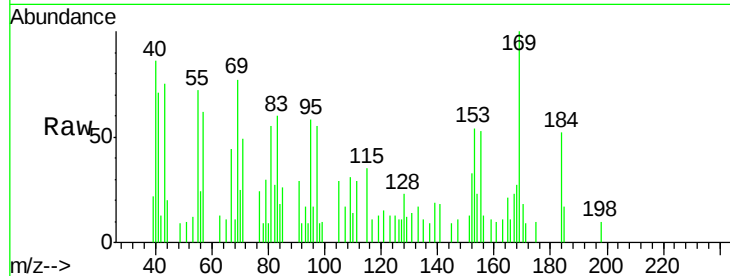




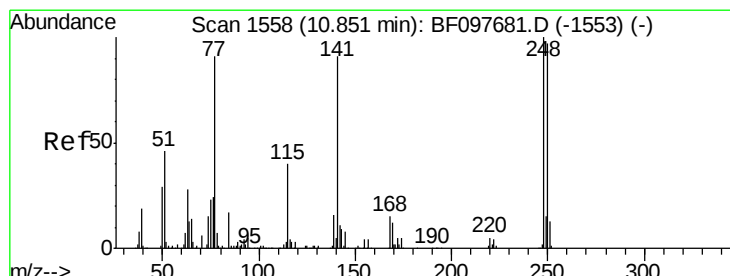
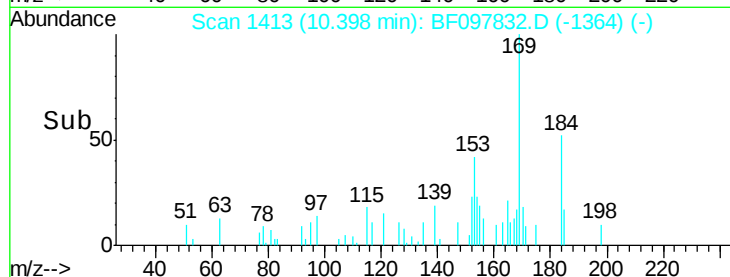
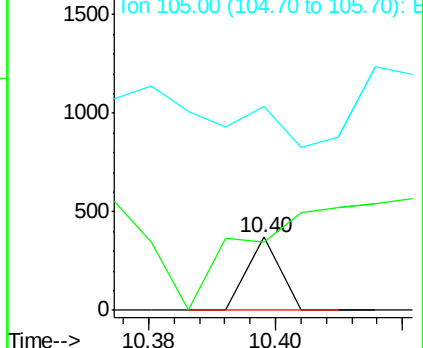
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.400 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-18-WSW

Tgt Ion:198 Resp: 131
 Ion Ratio Lower Upper
 198 100
 51 92.7 53.2 93.2
 105 279.8 45.8 85.8#

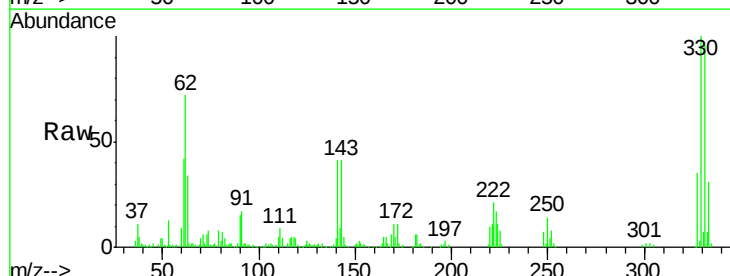


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

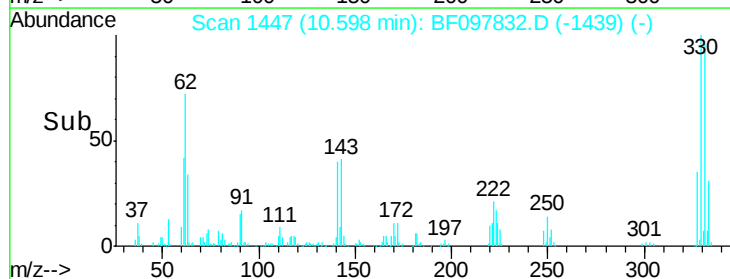
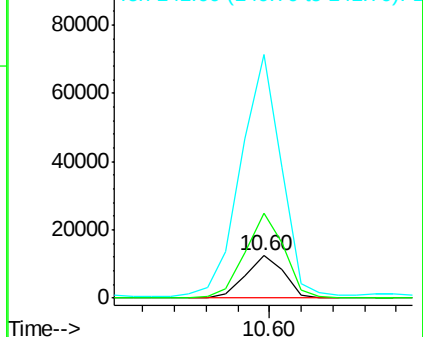


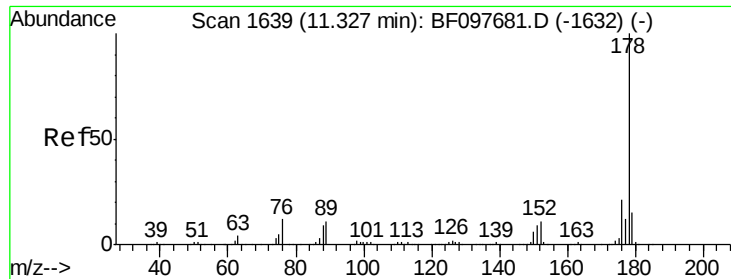
#66
 4-Bromophenyl-phenylether
 Concen: 3.481 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

Tgt Ion:248 Resp: 10422
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.8 115.2#
 141 572.8 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

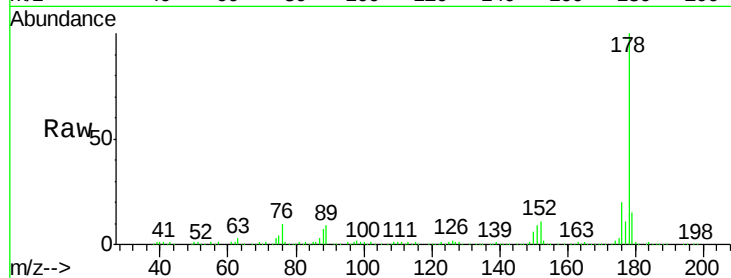




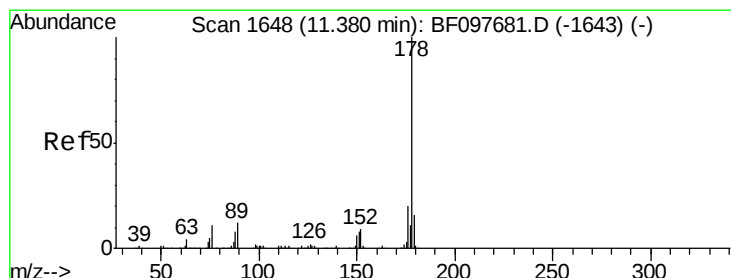
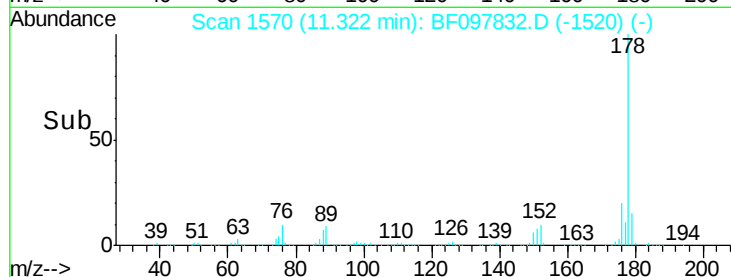
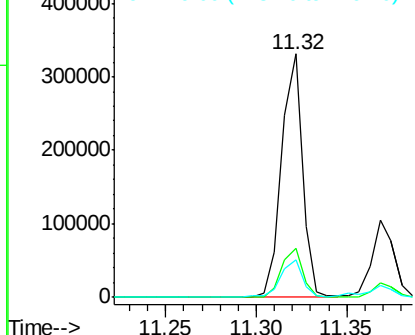
#70
Phenanthrene
Concen: 17.423 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-18-WSW

Tgt Ion:178 Resp: 267657
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.3 12.6 19.0

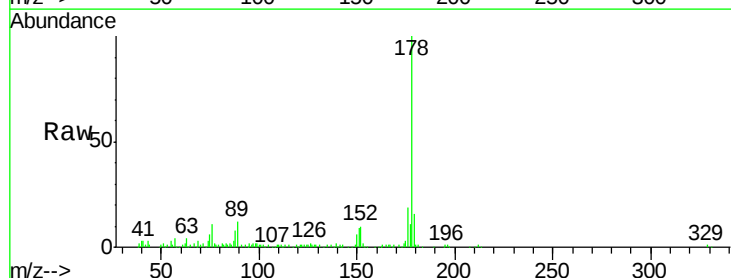


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

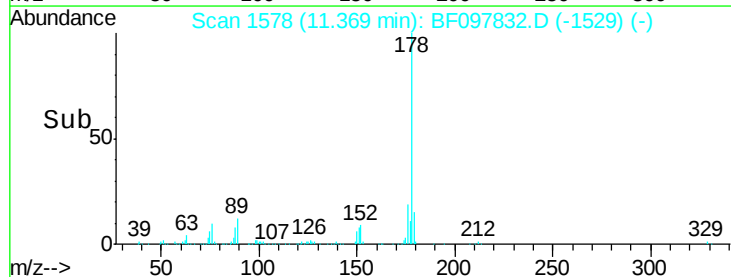
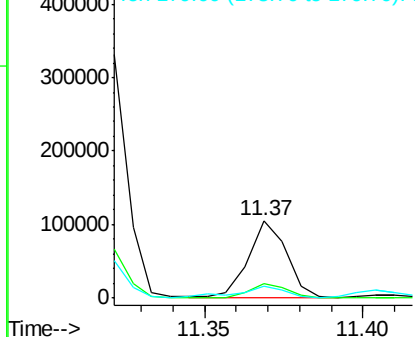


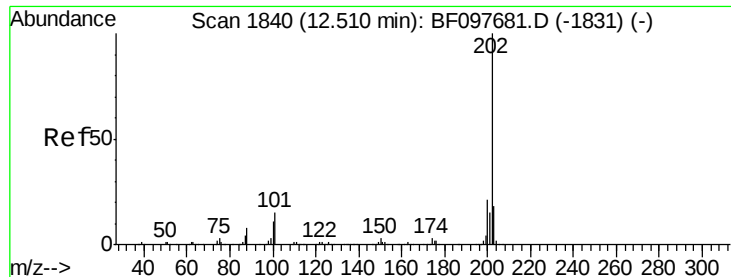
#71
Anthracene
Concen: 5.585 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:178 Resp: 87023
Ion Ratio Lower Upper
178 100
176 19.1 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





#74

Fluoranthene

Concen: 27.626 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

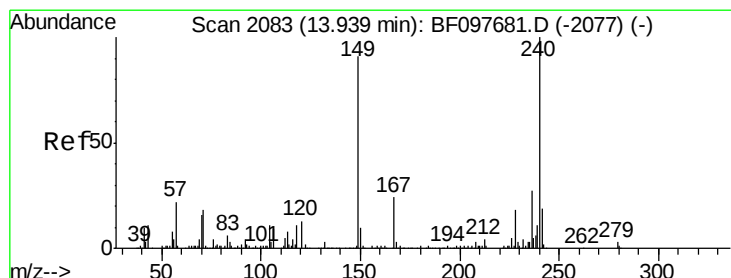
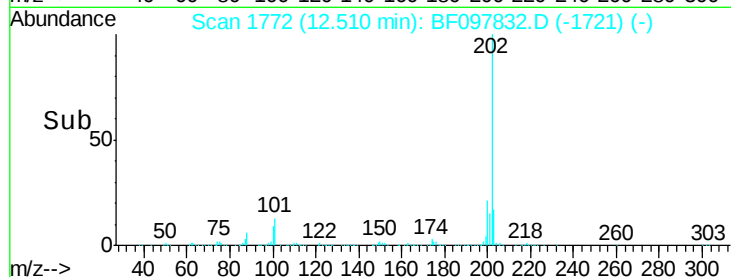
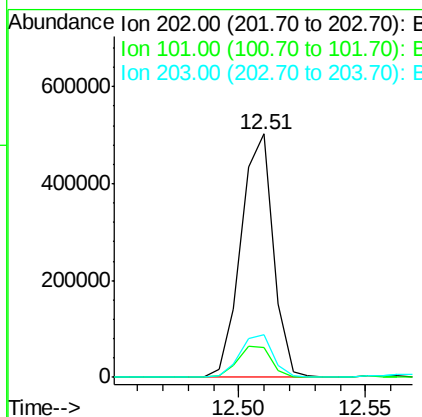
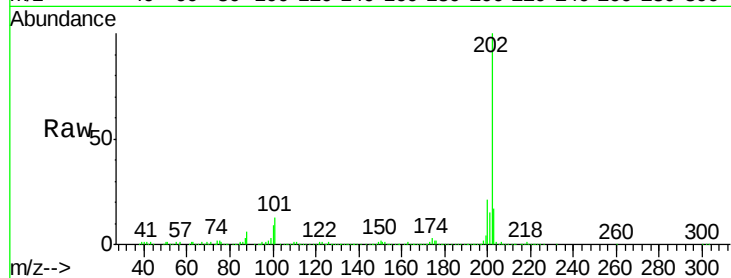
Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

Tgt Ion:	202	Resp:	442979
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.2
203	17.4	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

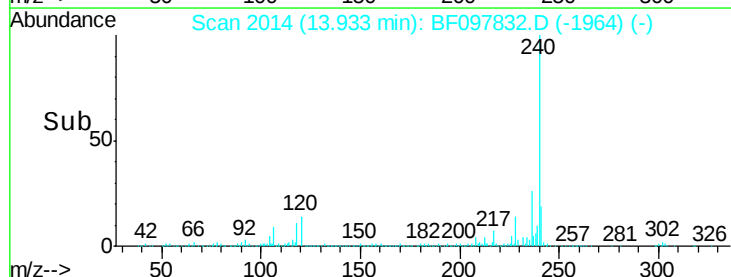
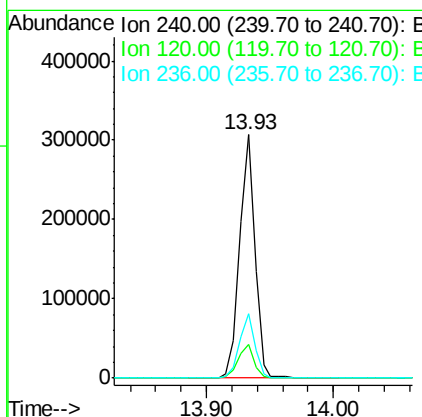
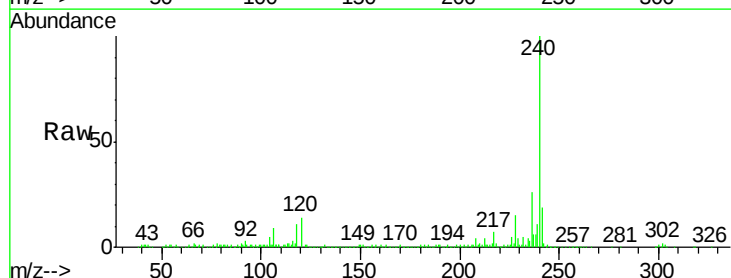
RT: 13.93 min Scan# 2014

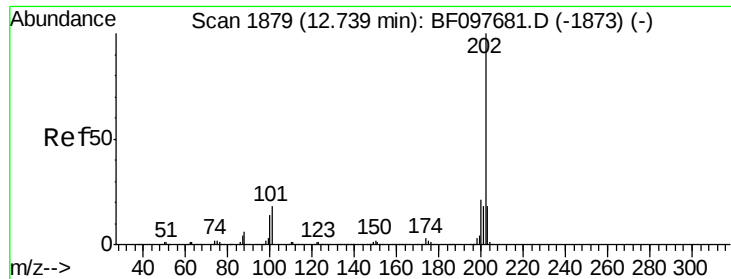
Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Tgt Ion:	240	Resp:	254441
Ion Ratio	Lower	Upper	
240	100		
120	13.8	5.8	8.8#
236	26.3	20.5	30.7

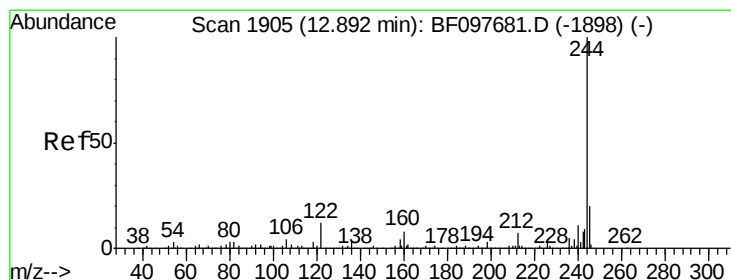
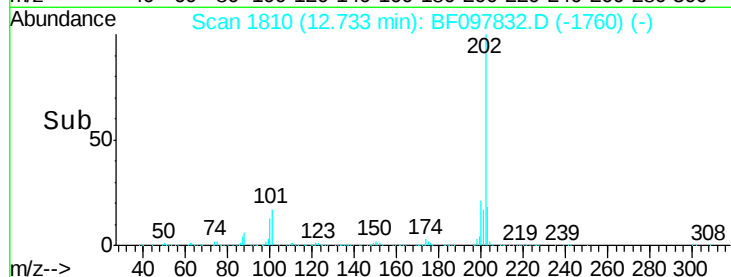
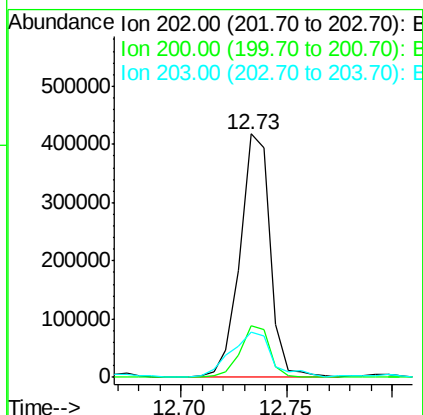
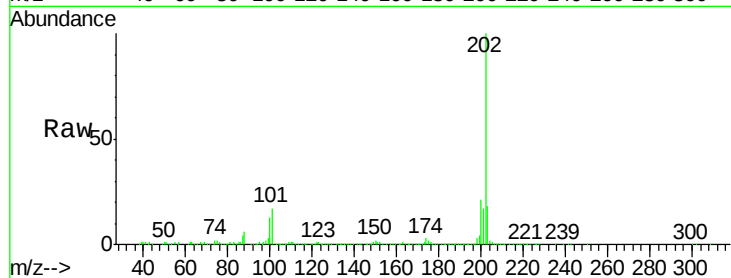




#77
 Pyrene
 Concen: 19.636 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

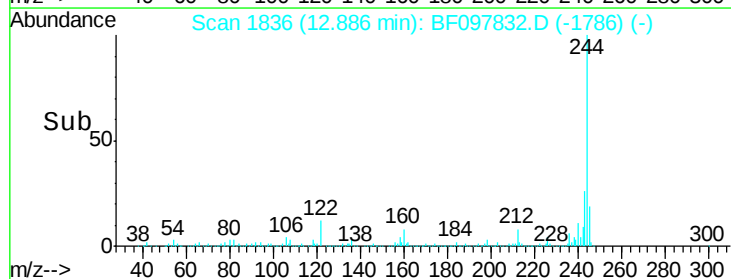
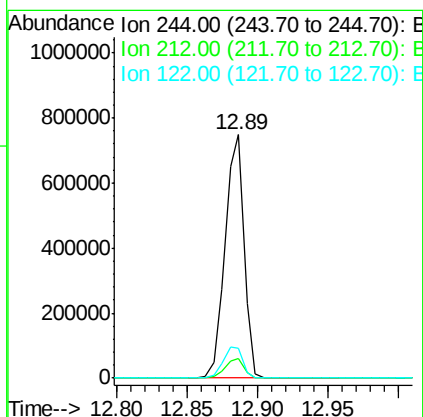
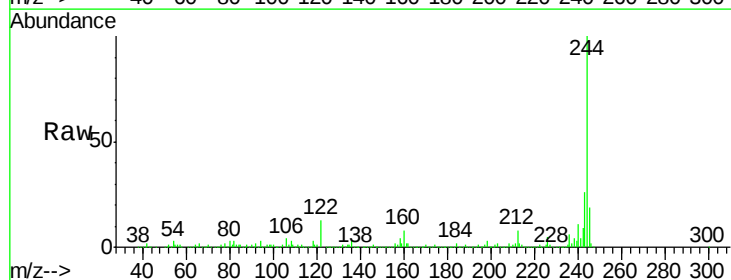
Instrument :
 BNA_F
 ClientSampleId :
 E2-18-WSW

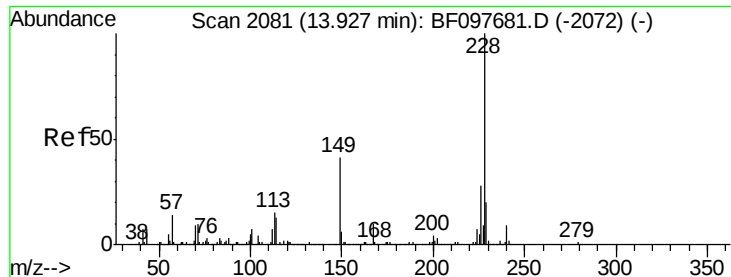
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.3	14.4	21.6



#78
 Terphenyl-d14
 Concen: 57.132 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097832.D
 Acq: 18 Aug 2017 13:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.5	10.3	15.5





#80

Benzo(a)anthracene

Concen: 15.251 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

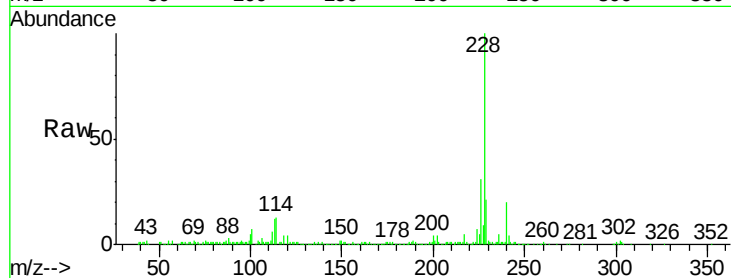
Tgt Ion:228 Resp: 232580

Ion Ratio Lower Upper

228 100

226 31.3 22.6 33.8

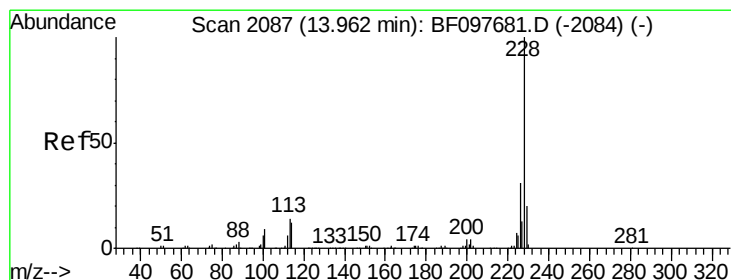
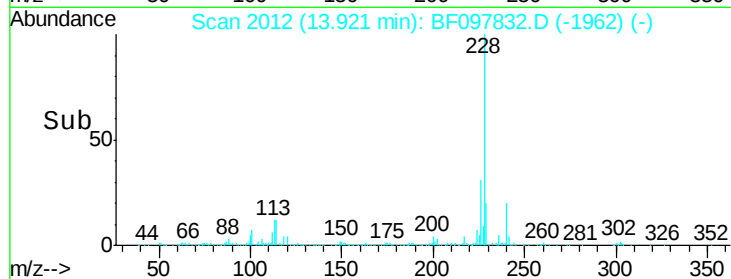
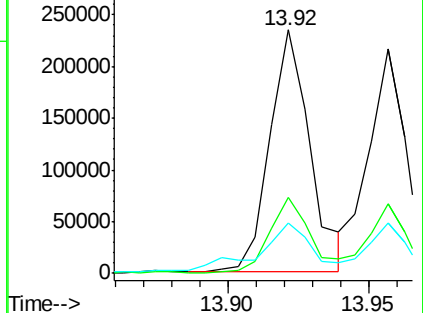
229 20.6 16.3 24.5



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: 12.971 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

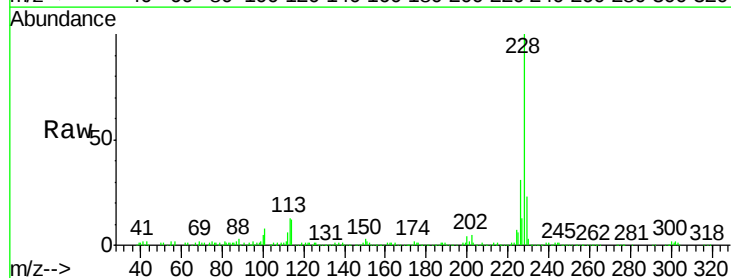
Tgt Ion:228 Resp: 196763

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

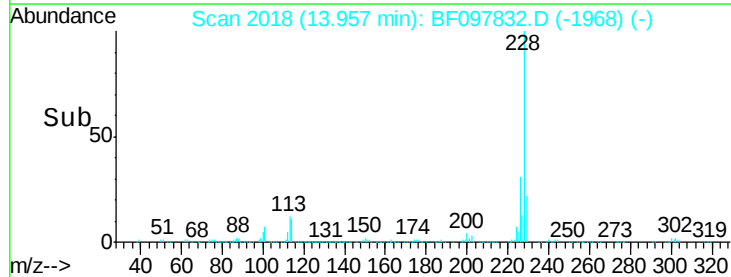
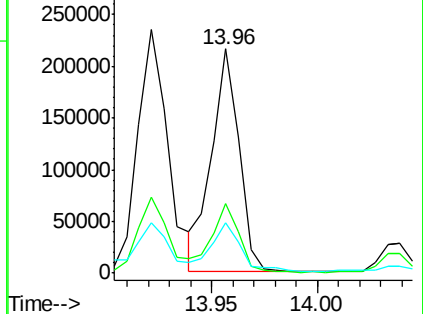
229 22.6 15.8 23.6

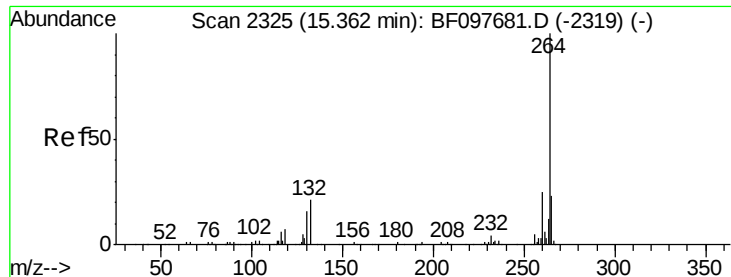


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

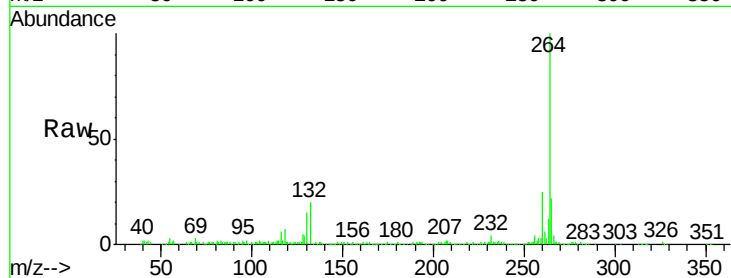




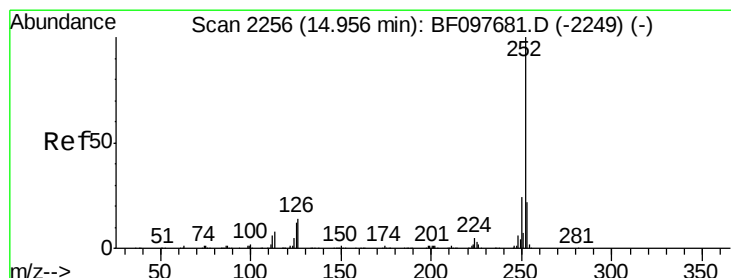
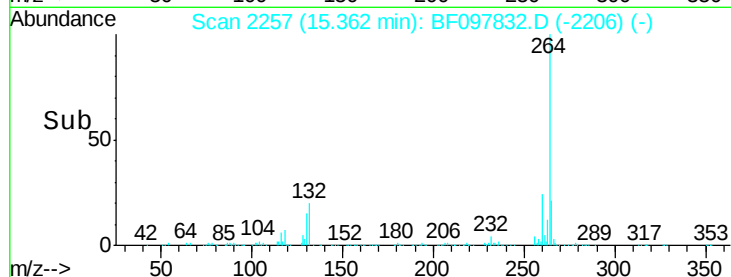
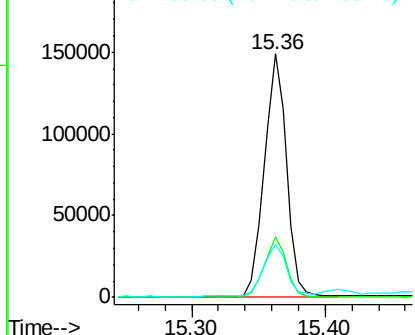
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-18-WSW

Tgt Ion:264 Resp: 173461
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.6 17.2 25.8

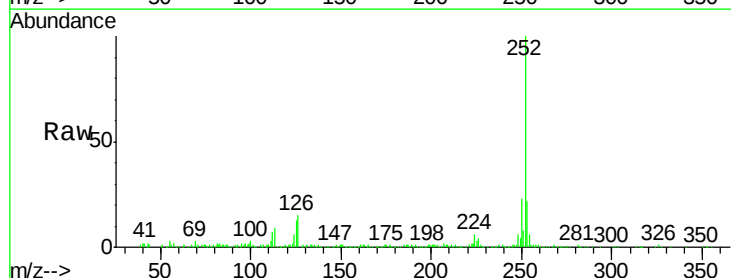


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

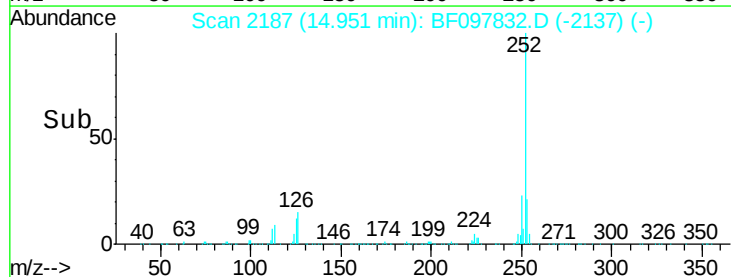
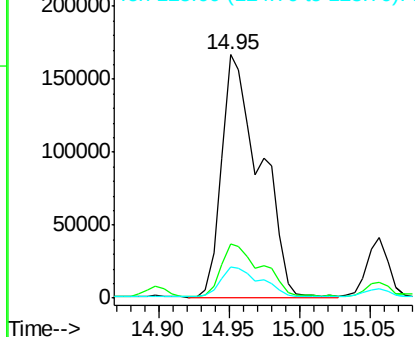


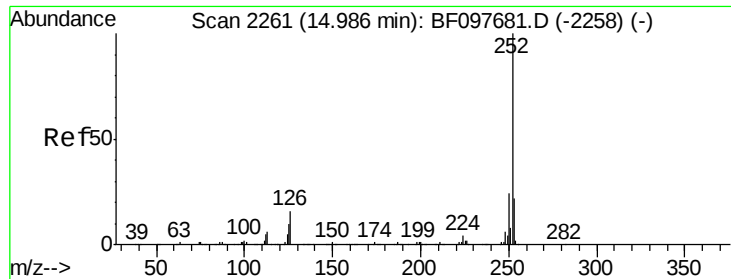
#87
Benzo(b)fluoranthene
Concen: 29.043 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:252 Resp: 317546
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.7 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: 4.321 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.07 min

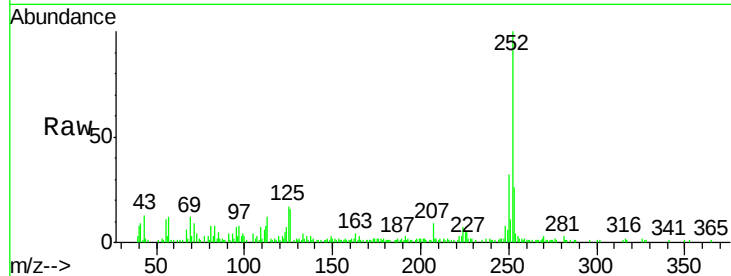
Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-18-WSW

Tgt Ion:252 Resp: 44383

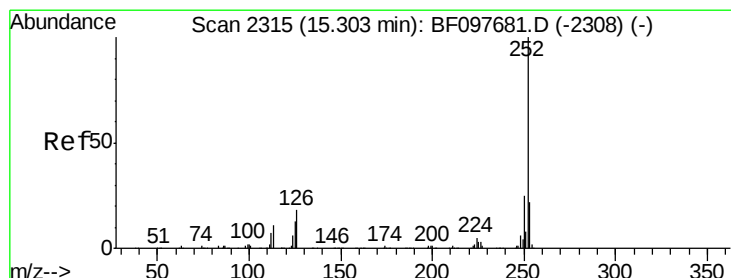
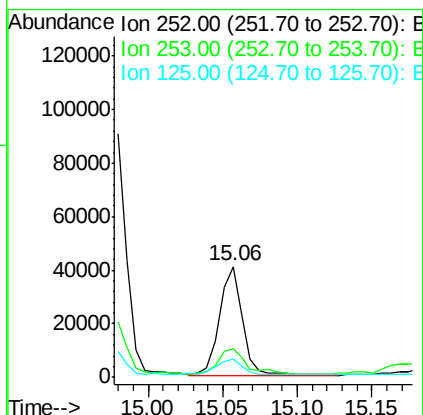
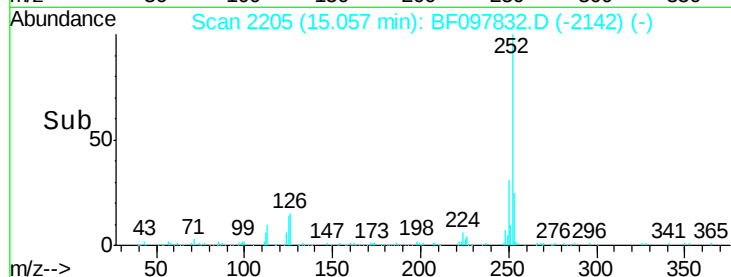
Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.4	27.6
125	16.5	13.1	19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 18.480 ng

RT: 15.30 min Scan# 2247

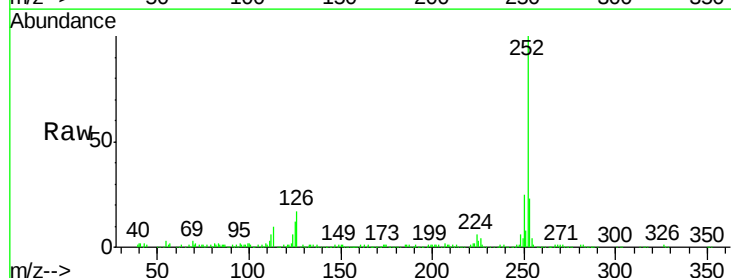
Delta R.T. 0.00 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Tgt Ion:252 Resp: 178878

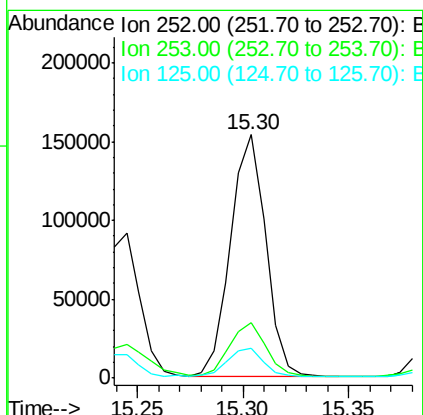
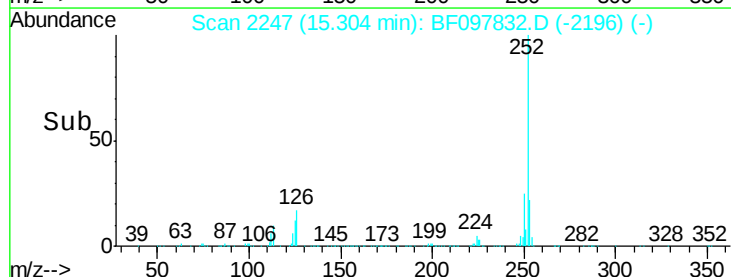
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.3	11.0	16.4

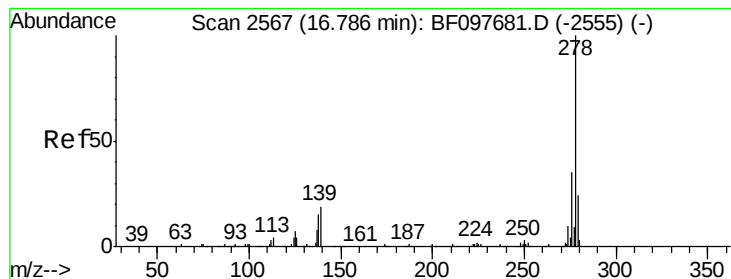


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.001 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.15 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-18-WSW

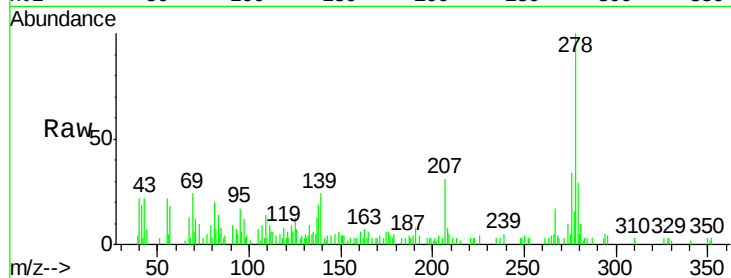
Tgt Ion:278 Resp: 23652

Ion Ratio Lower Upper

278 100

139 24.1 16.6 24.8

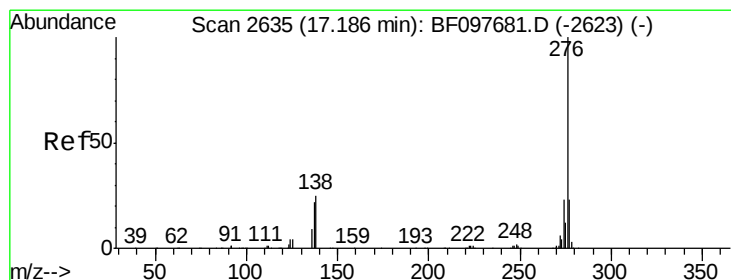
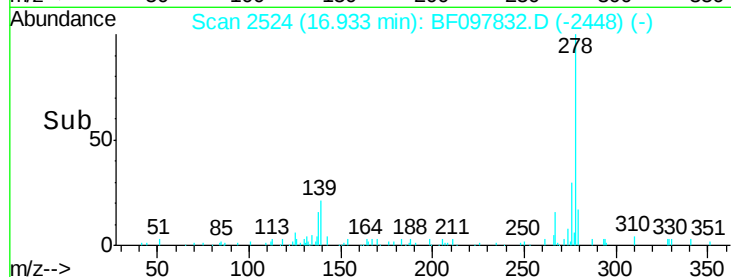
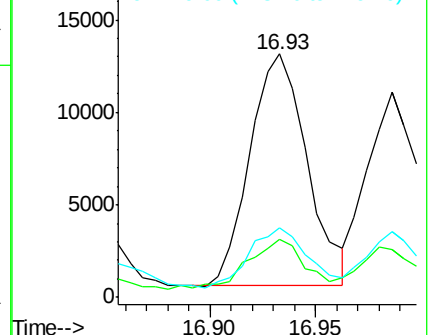
279 28.6 19.3 28.9



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(g,h,i)perylene

Concen: 10.505 ng

RT: 17.18 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BF097832.D

Acq: 18 Aug 2017 13:32

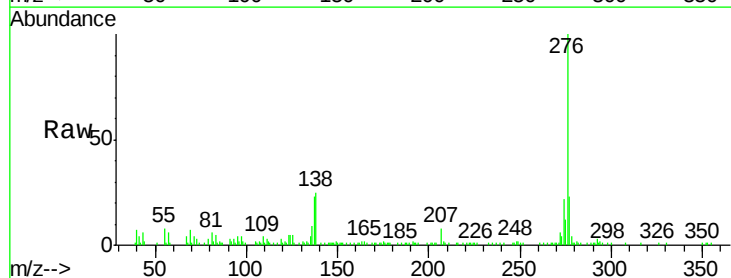
Tgt Ion:276 Resp: 86379

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 25.2 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

