

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098396.D
 Acq On : 9 Sep 2017 20:02
 Operator : SJ/JU
 Sample : I5151-02 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:15:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	101094	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	379026	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	165336	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	274684	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	210726	20.00	ng	-0.04
86) Perylene-d12	15.23	264	201823	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	17576	2.64	ng	-0.02
7) Phenol-d6	6.33	99	26135	2.89	ng	-0.02
23) Nitrobenzene-d5	7.24	82	14171	2.03	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	2990	2.08	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	25427	2.26	ng	-0.04
78) Terphenyl-d14	12.77	244	17332	1.72	ng	-0.04

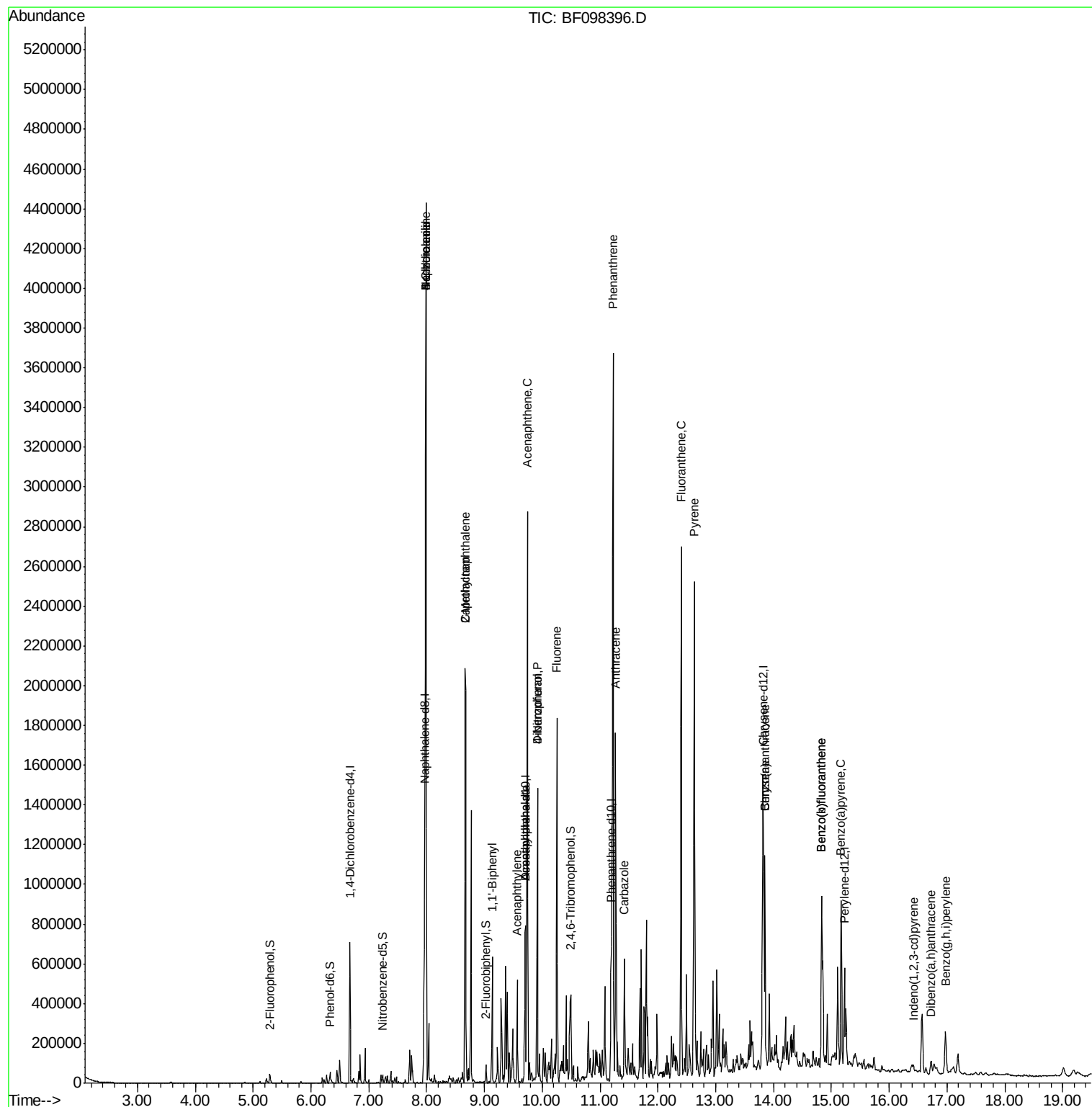
Target Compounds				Qvalue		
31) Naphthalene	7.99	128	2785994	141.585	ng	98
32) Benzoic acid	7.99	122	6351	7.653	ng	# 1
33) 4-Chloroaniline	7.99	127	388492	46.814	ng	# 34
35) Caprolactam	8.67	113	13923	8.154	ng	# 1
37) 2-Methylnaphthalene	8.67	142	606221	50.251	ng	99
45) 1,1'-Biphenyl	9.13	154	196994	13.066	ng	97
48) Acenaphthylene	9.57	152	156542	8.948	ng	97
49) Dimethylphthalate	9.71	163	49109	4.063	ng	# 1
51) Acenaphthene	9.75	154	619713	56.168	ng	99
54) Dibenzofuran	9.92	168	591455	39.998	ng	97
55) 4-Nitrophenol	9.92	139	217009	87.403	ng	# 27
57) Fluorene	10.26	166	503751	44.063	ng	97
70) Phenanthrene	11.23	178	1776154	121.346	ng	99
71) Anthracene	11.27	178	585993	39.472	ng	99
72) Carbazole	11.42	167	210106	14.910	ng	99
74) Fluoranthene	12.41	202	1261520	82.572	ng	99
77) Pyrene	12.63	202	1109994	64.404	ng	98
80) Benzo(a)anthracene	13.85	228	348458	27.590	ng	94
82) Chrysene	13.85	228	348458	27.735	ng	96
85) Indeno(1,2,3-cd)pyrene	16.42	276	27926	3.022	ng	95
87) Benzo(b)fluoranthene	14.83	252	630788	49.584	ng	99
88) Benzo(k)fluoranthene	14.83	252	630788	52.777	ng	97
89) Benzo(a)pyrene	15.17	252	381881	33.909	ng	97
90) Dibenzo(a,h)anthracene	16.73	278	34048	3.714	ng	92
91) Benzo(g,h,i)perylene	16.97	276	157008	16.412	ng	94

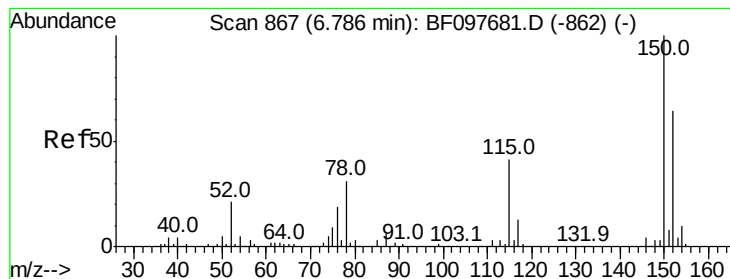
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

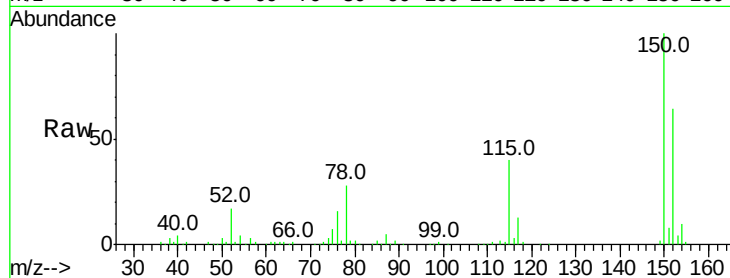
Tot Ion:152 Resp: 101094

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

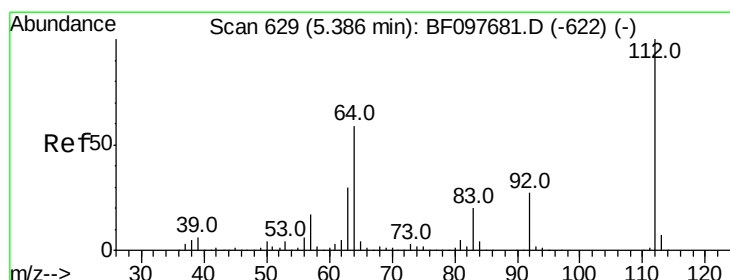
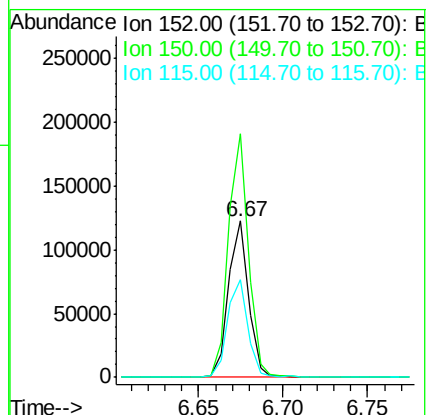
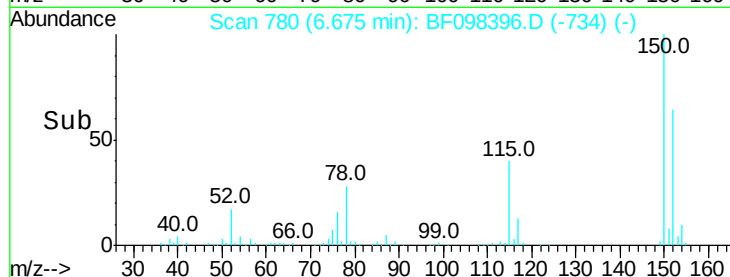
115 62.4 52.2 78.2



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: 2.645 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

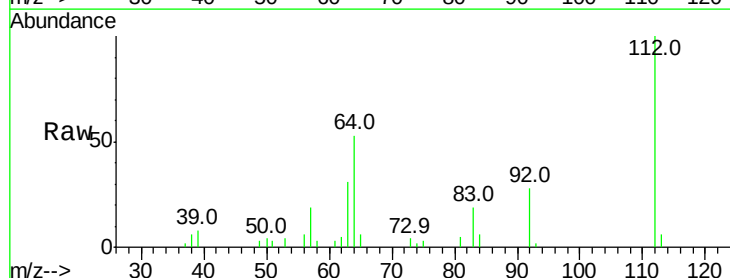
Tgt Ion:112 Resp: 17576

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

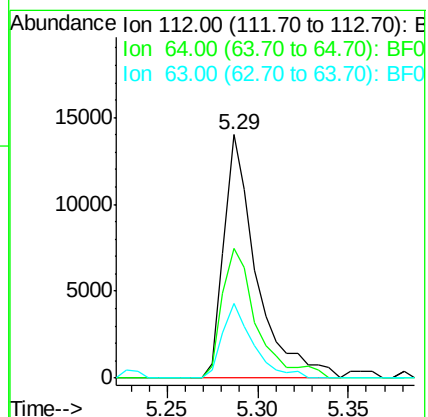
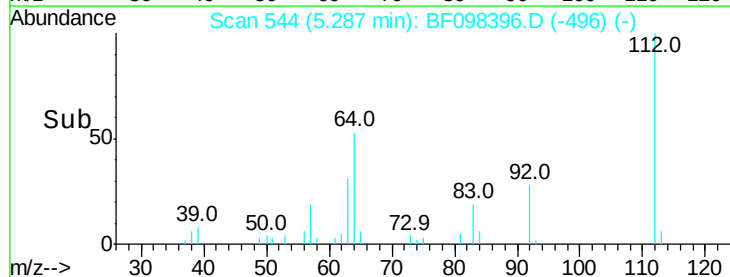
63 30.5 23.4 35.0

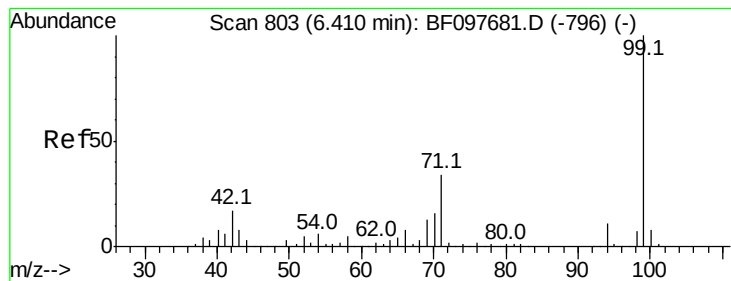


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.894 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

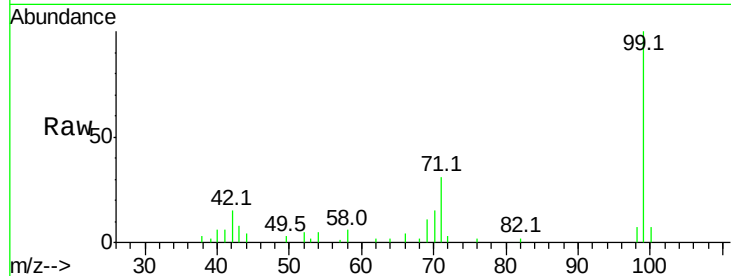
Tot Ion: 99 Resp: 26135

Ion Ratio Lower Upper

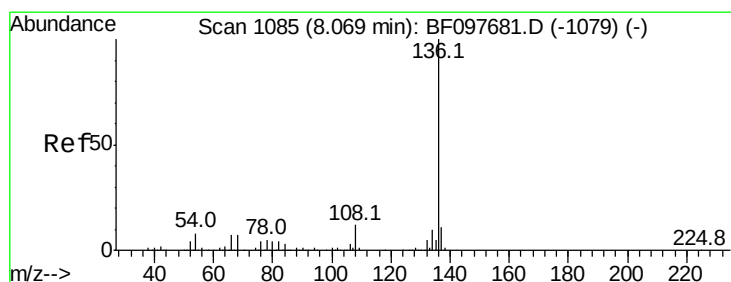
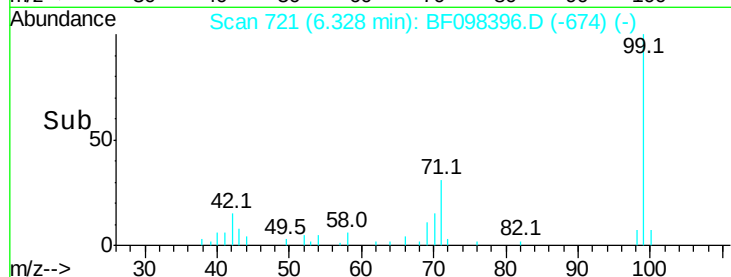
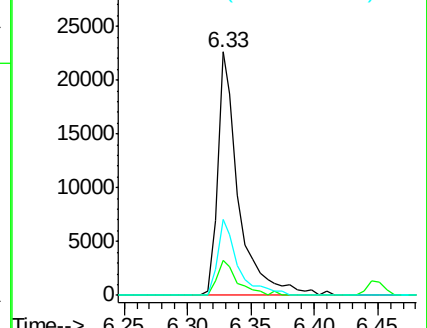
99 100

42 14.6 13.5 20.3

71 31.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Tgt Ion: 136 Resp: 379026

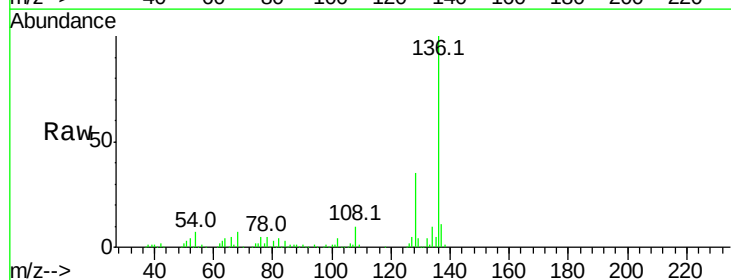
Ion Ratio Lower Upper

136 100

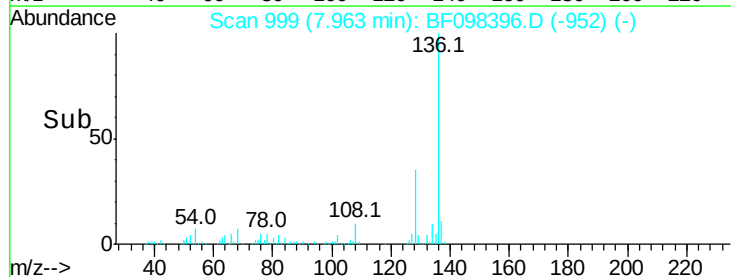
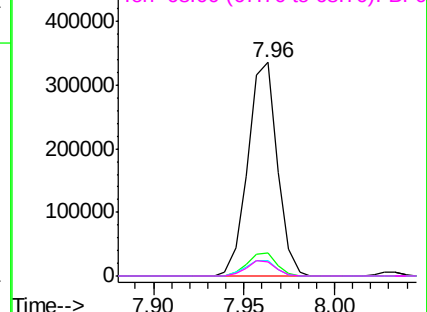
137 11.0 8.5 12.7

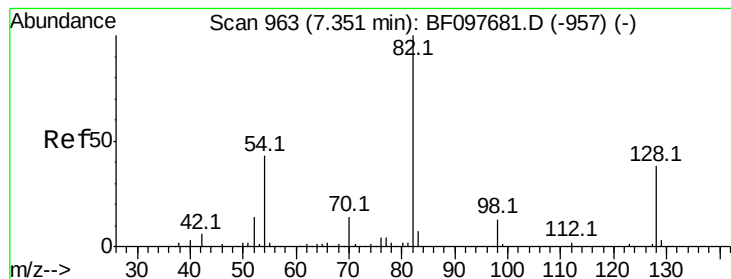
54 7.1 4.9 7.3

68 6.7 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: 2.031 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF098396.D

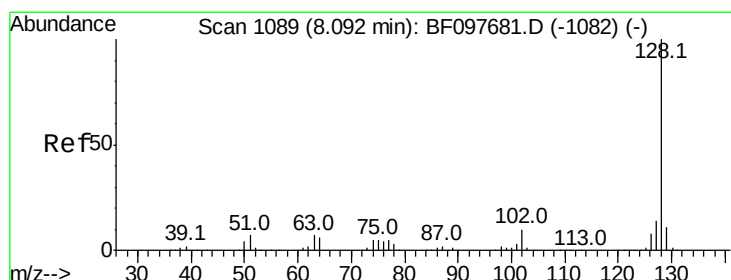
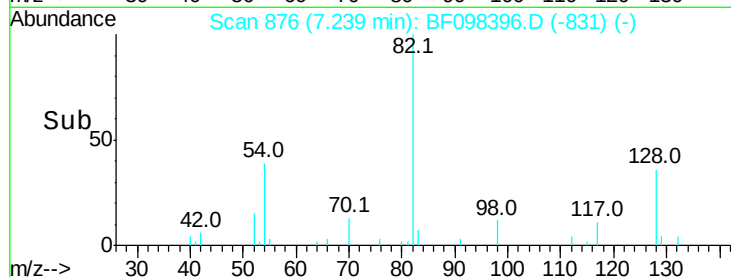
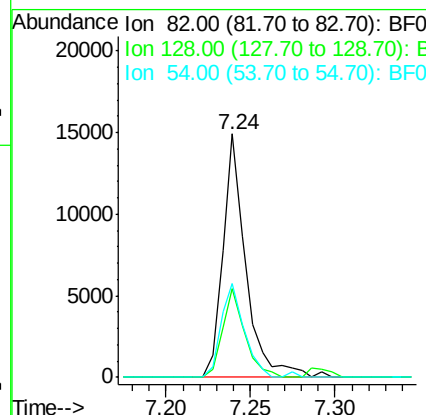
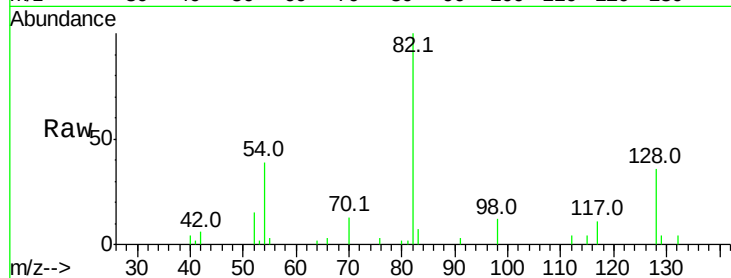
Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	14171
Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.0	51.0
54	38.6	42.2	63.2#



#31

Naphthalene

Concen: 141.585 ng

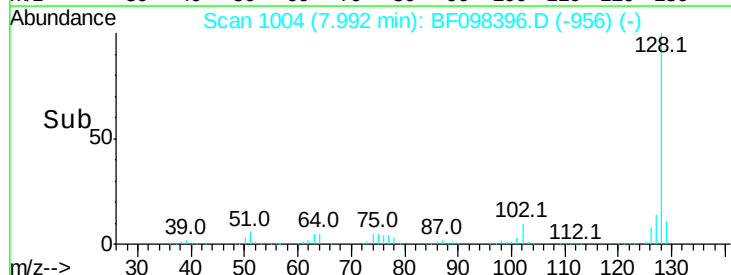
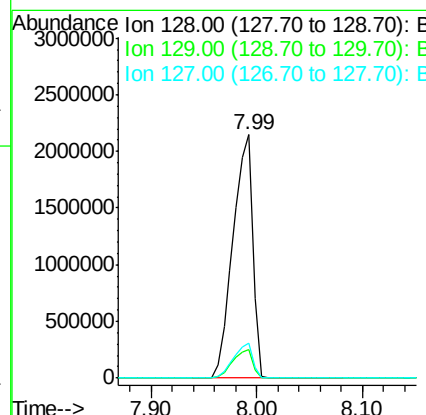
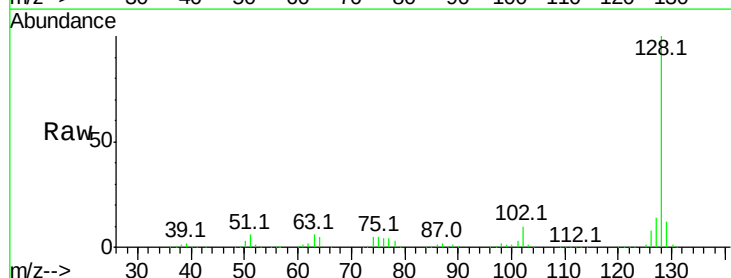
RT: 7.99 min Scan# 1004

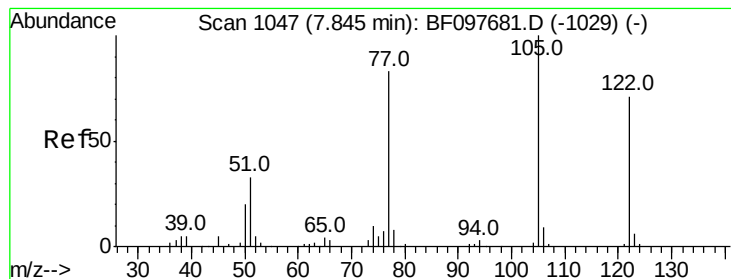
Delta R.T. -0.02 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Tgt Ion:	128	Resp:	2785994
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.4	10.8	16.2





#32

Benzoic acid

Concen: 7.653 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.19 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

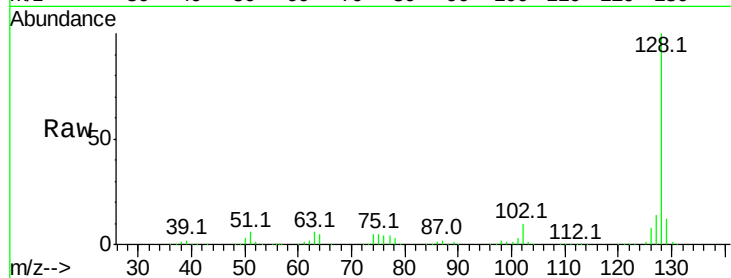
Instrument :

BNA_F

ClientSampleId :

Tot Ion:122 Resp: 6351

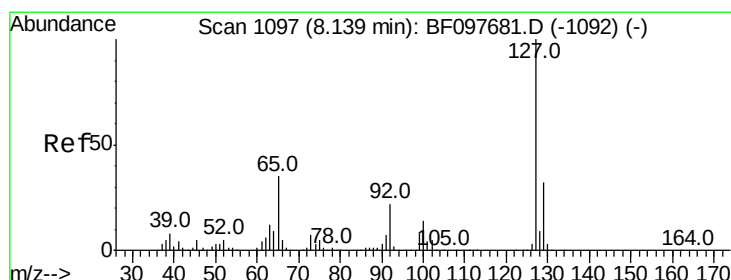
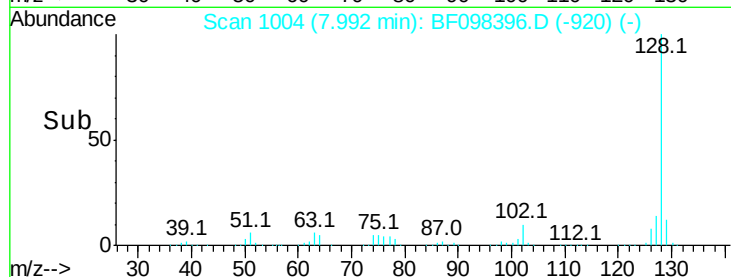
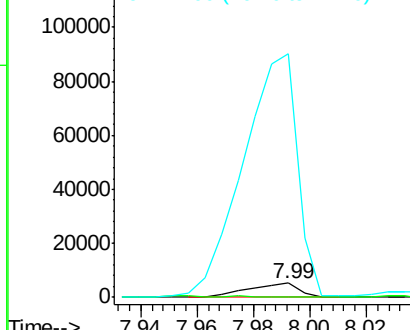
Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	1713.9	73.7	113.7#



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



#33

4-Chloroaniline

Concen: 46.814 ng

RT: 7.99 min Scan# 1004

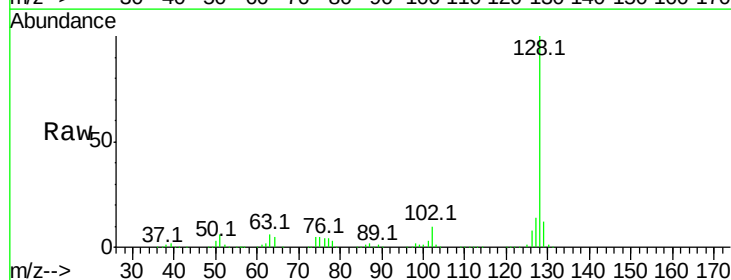
Delta R.T. -0.07 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Tgt Ion:127 Resp: 388492

Ion	Ratio	Lower	Upper
127	100		
129	81.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

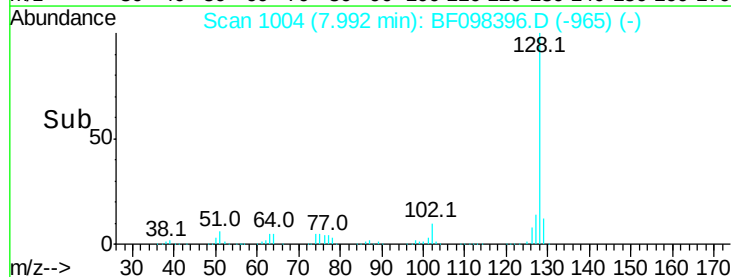
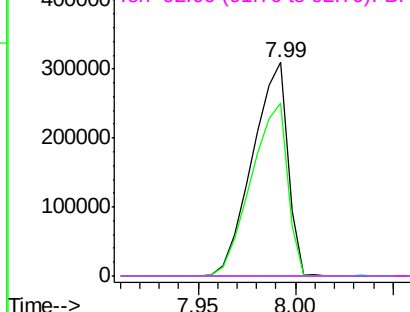


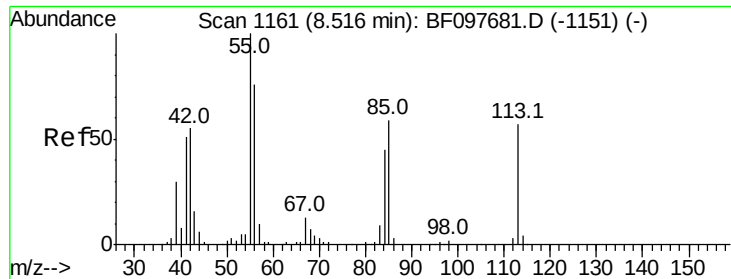
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

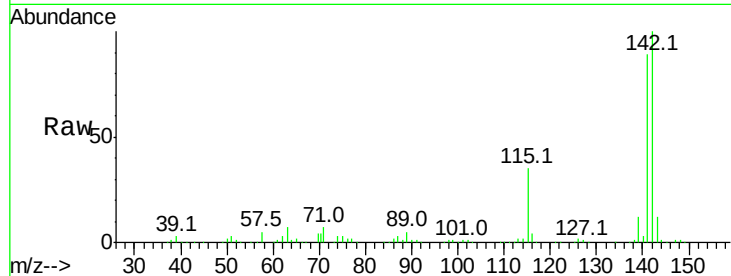




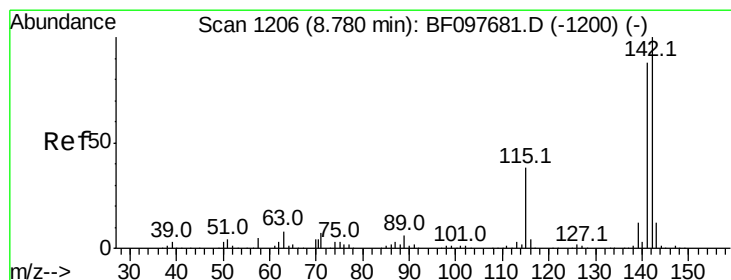
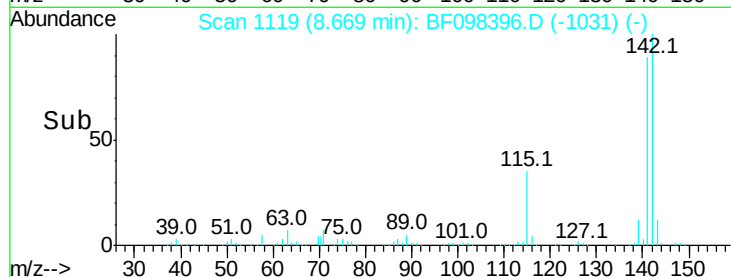
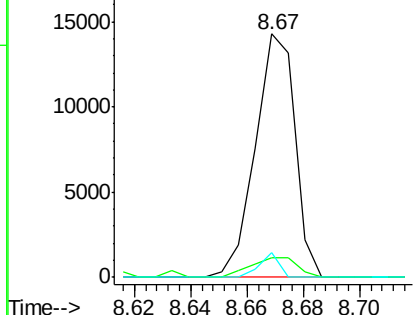
#35
Caprolactam
Concen: 8.154 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.22 min
Lab File: BF098396.D
Acq: 9 Sep 2017 20:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 13923
Ion Ratio Lower Upper
113 100
55 8.2 150.2 190.2#
56 10.0 107.8 147.8#

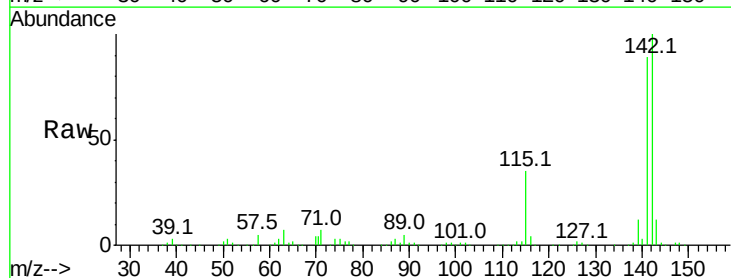


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

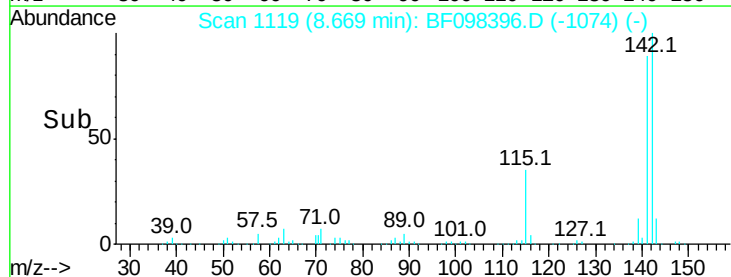
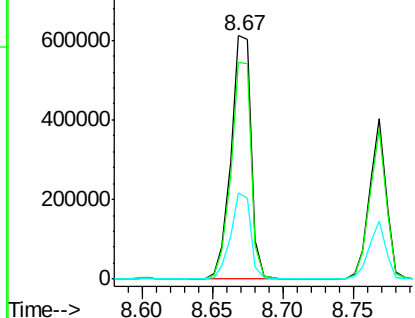


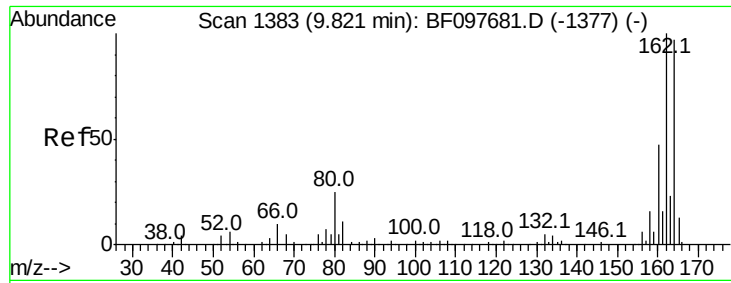
#37
2-Methylnaphthalene
Concen: 50.251 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.04 min
Lab File: BF098396.D
Acq: 9 Sep 2017 20:02

Tgt Ion:142 Resp: 606221
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 35.4 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

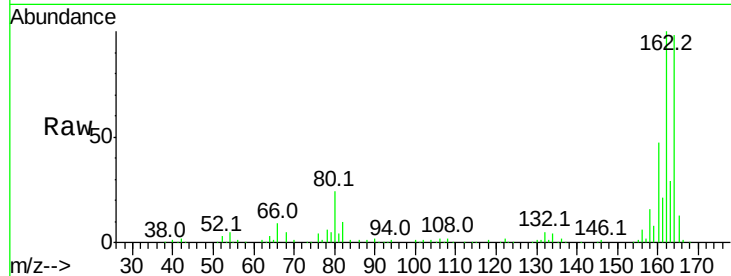




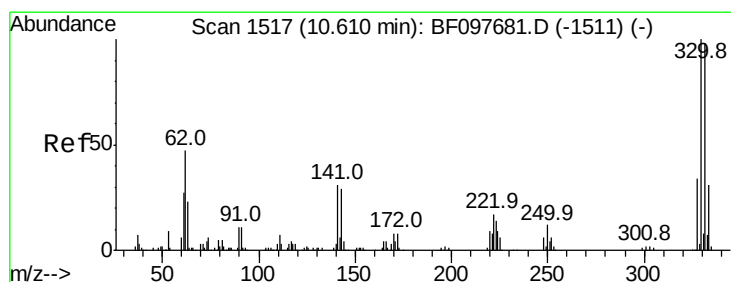
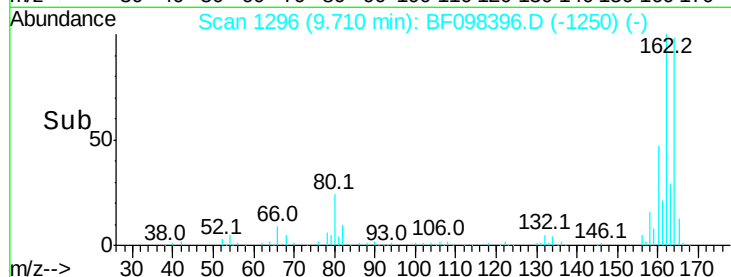
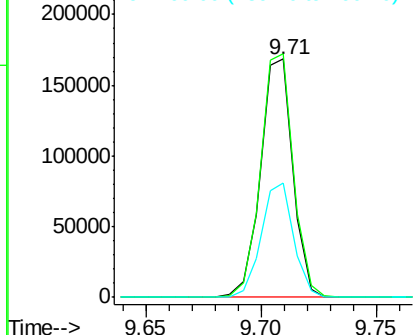
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 165336
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 47.7 36.2 54.2

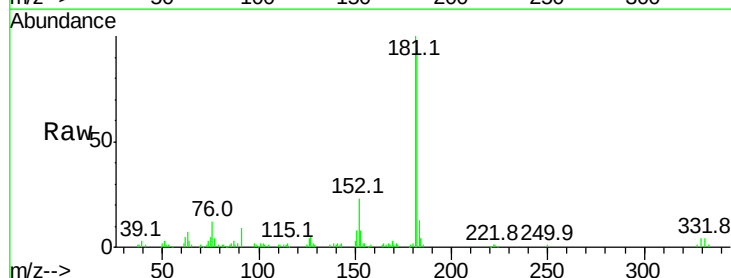


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

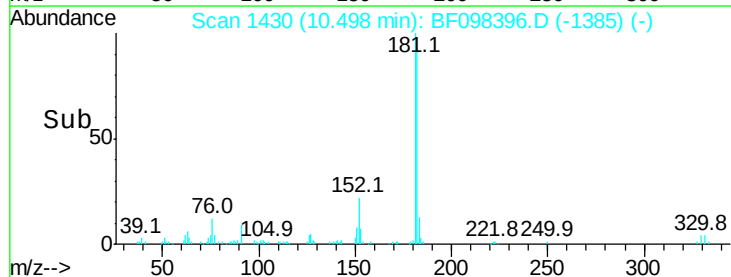
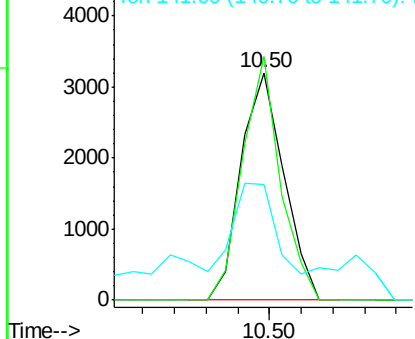


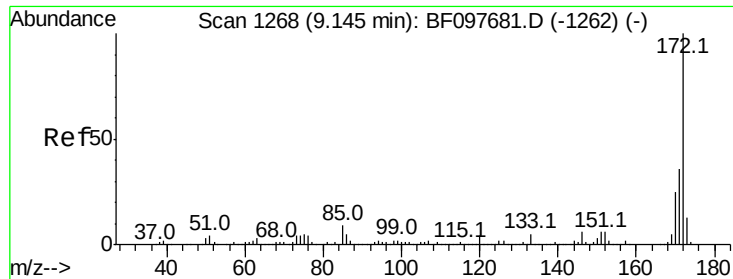
#41
 2,4,6-Tribromophenol
 Concen: 2.084 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Tgt Ion:330 Resp: 2990
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 61.9 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

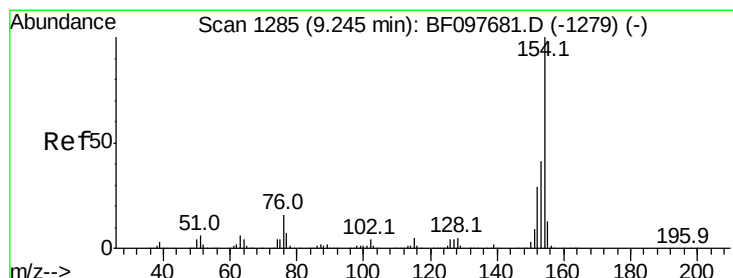
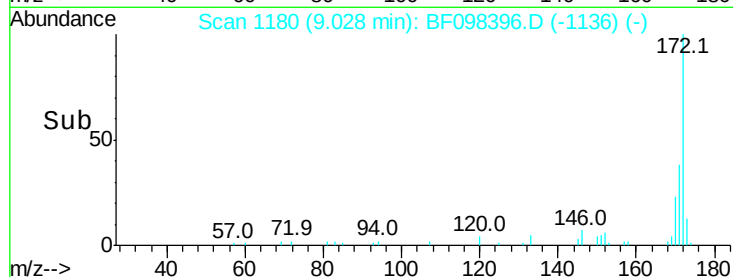
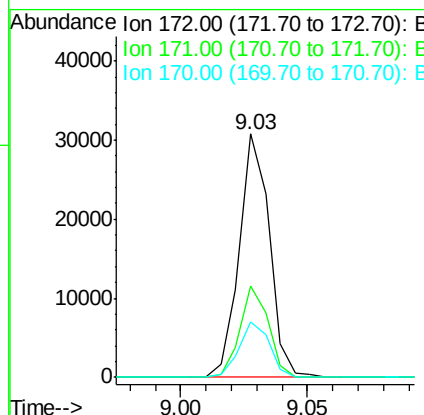
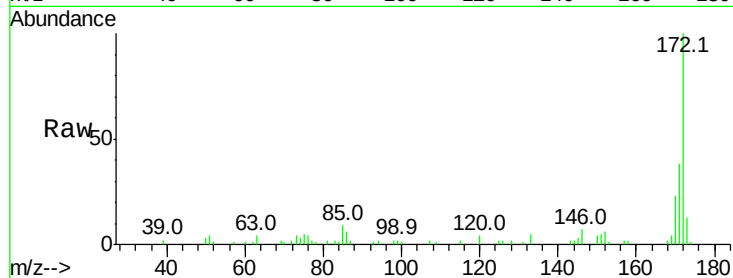




#44
 2-Fluorobiphenyl
 Concen: 2.259 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

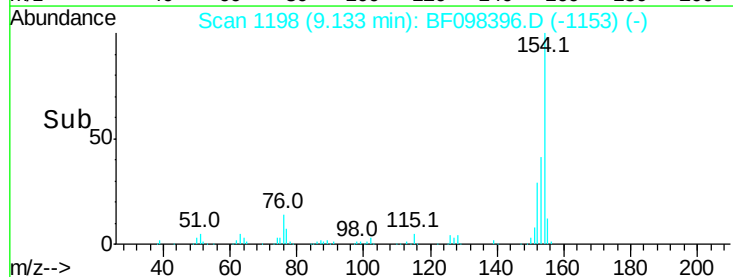
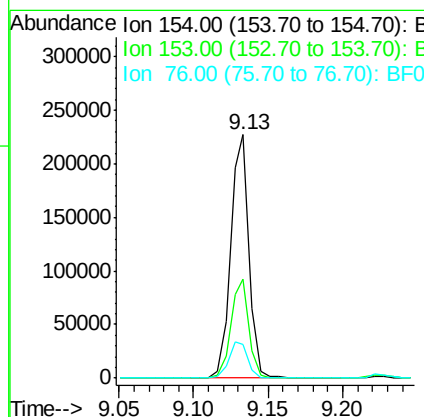
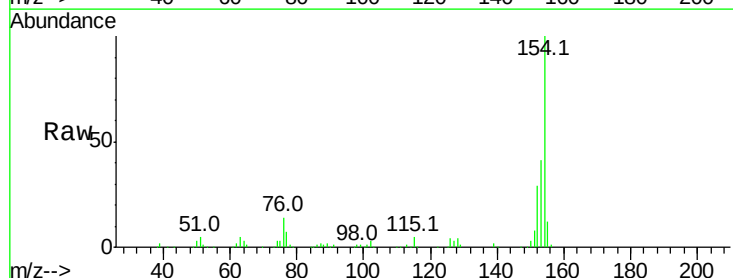
Instrument :
 BNA_F
 ClientSampleId :

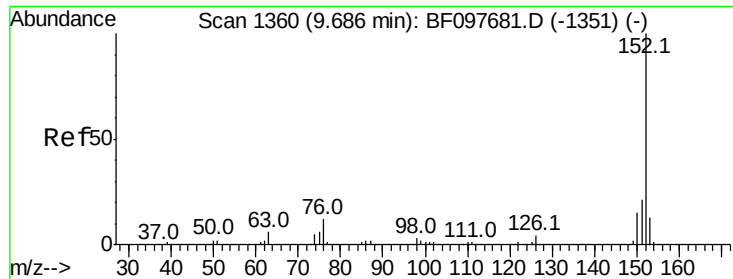
Tot Ion:172 Resp: 25427
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 22.8 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 13.066 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.04 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Tgt Ion:154 Resp: 196994
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.2 61.2
 76 13.8 0.0 29.9





#48

Acenaphthylene

Concen: 8.948 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

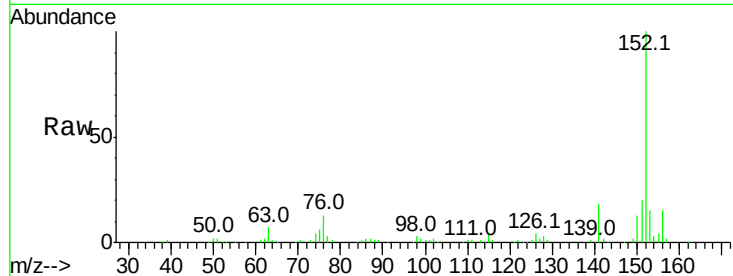
Tot Ion:152 Resp: 156542

Ion Ratio Lower Upper

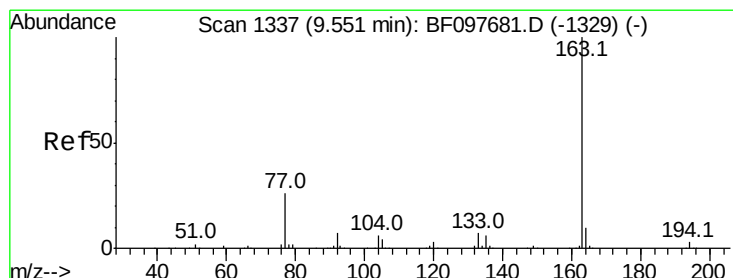
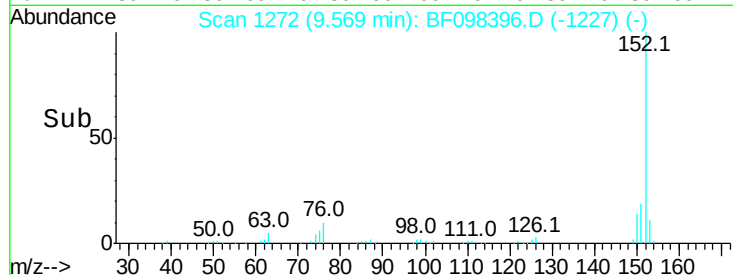
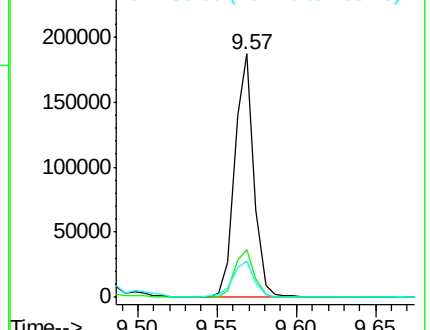
152 100

151 19.9 16.8 25.2

153 14.9 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: 4.063 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.24 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

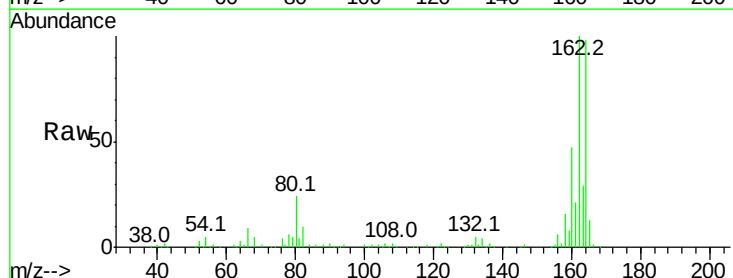
Tgt Ion:163 Resp: 49109

Ion Ratio Lower Upper

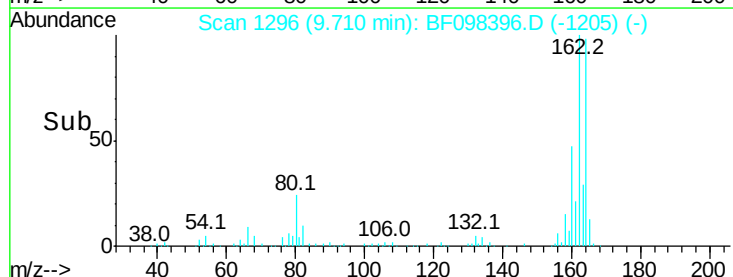
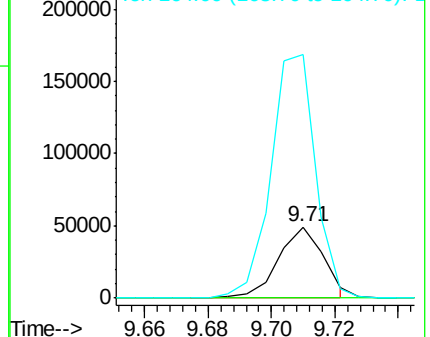
163 100

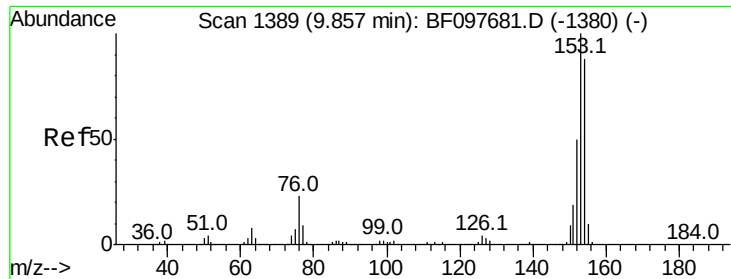
194 0.0 2.6 4.0#

164 341.2 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: 56.168 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampled :

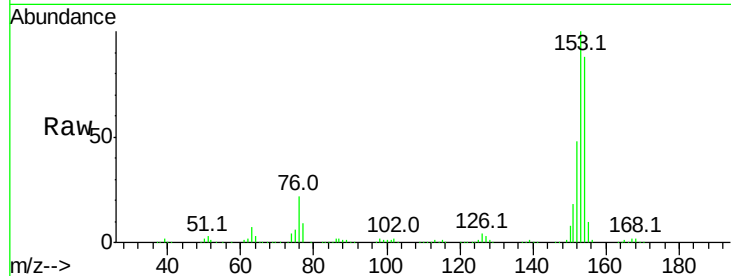
Tot Ion:154 Resp: 619713

Ion Ratio Lower Upper

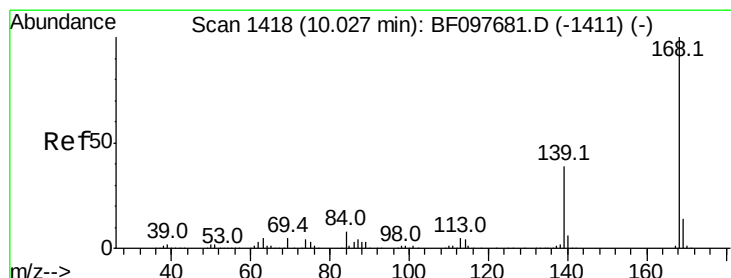
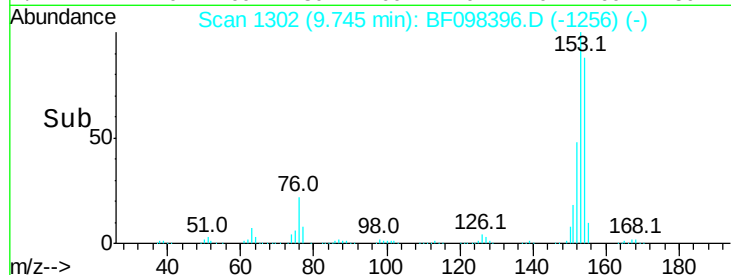
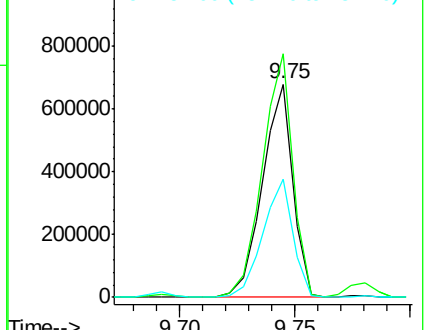
154 100

153 114.0 90.5 135.7

152 55.1 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: 39.998 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

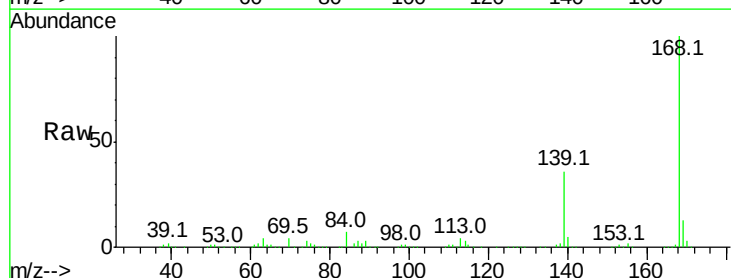
Tgt Ion:168 Resp: 591455

Ion Ratio Lower Upper

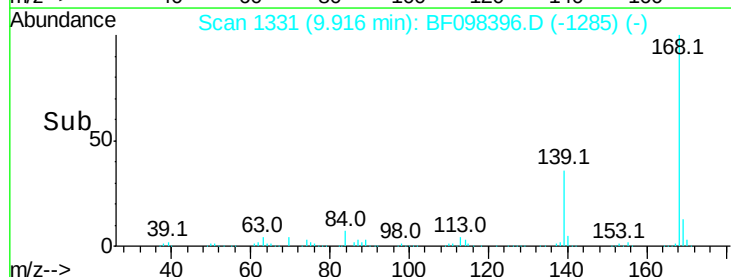
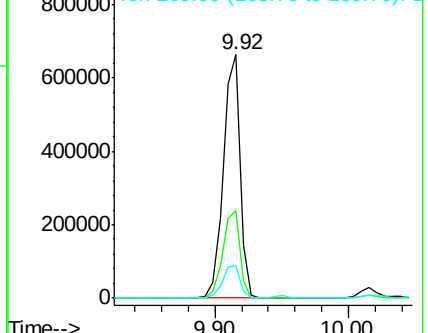
168 100

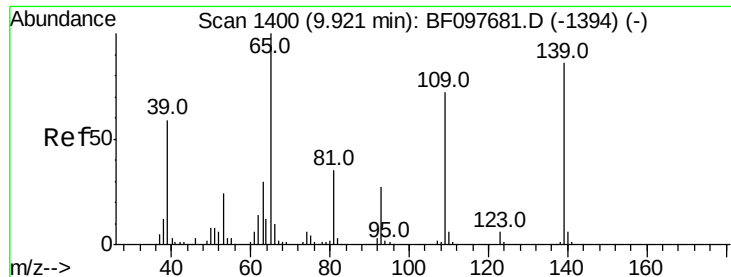
139 35.9 30.6 45.8

169 13.4 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: 87.403 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.04 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

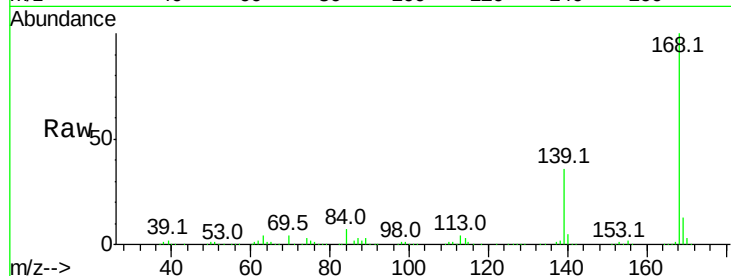
Tot Ion:139 Resp: 217009

Ion Ratio Lower Upper

139 100

109 0.8 34.1 74.1#

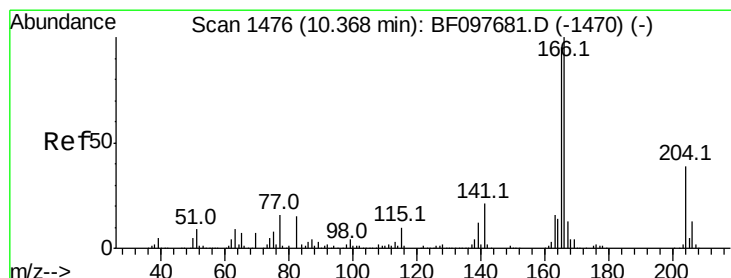
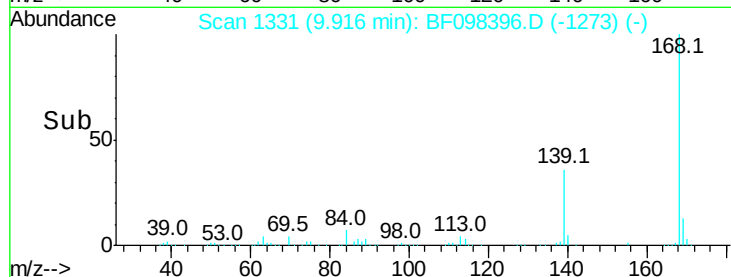
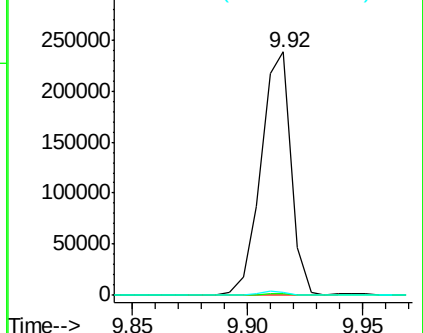
65 1.5 31.4 71.4#



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): E



#57

Fluorene

Concen: 44.063 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.04 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

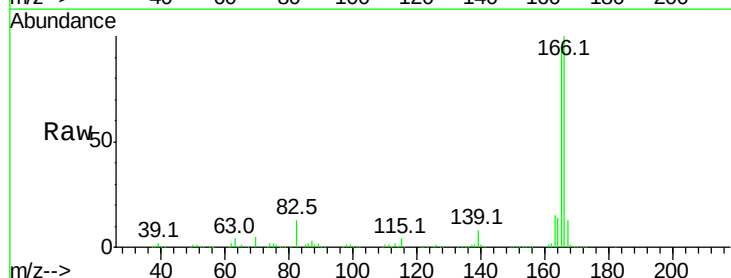
Tgt Ion:166 Resp: 503751

Ion Ratio Lower Upper

166 100

165 95.1 78.8 118.2

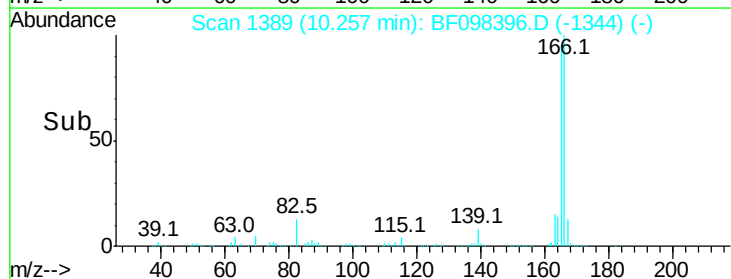
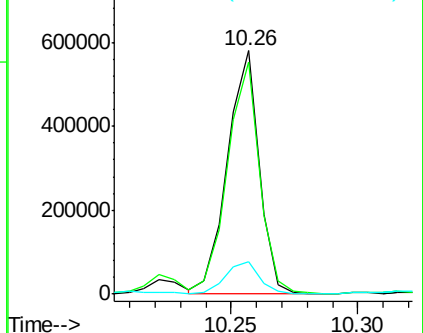
167 13.5 10.6 16.0

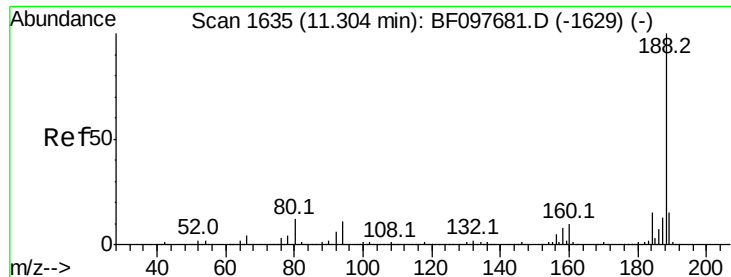


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

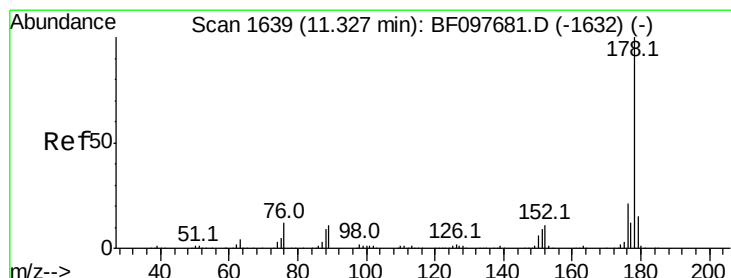
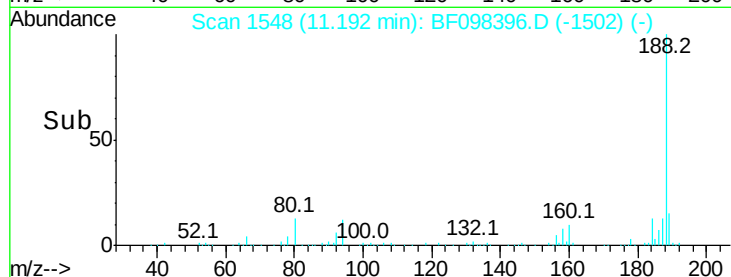
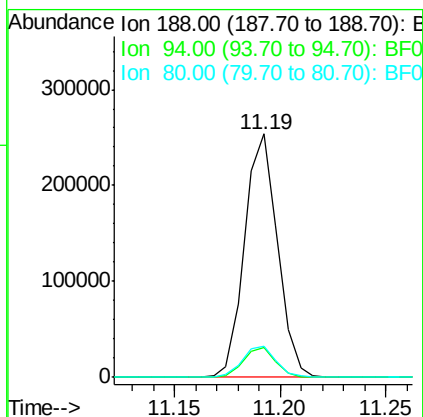
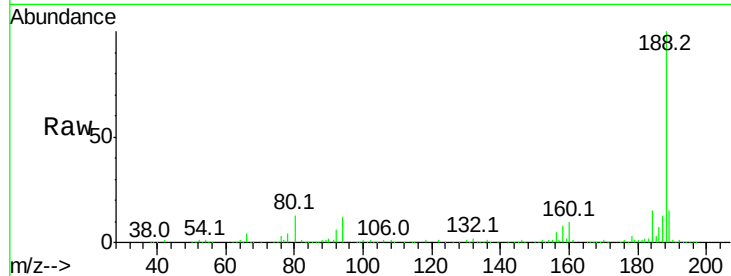




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

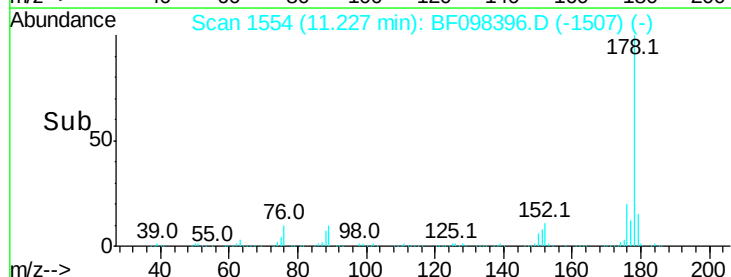
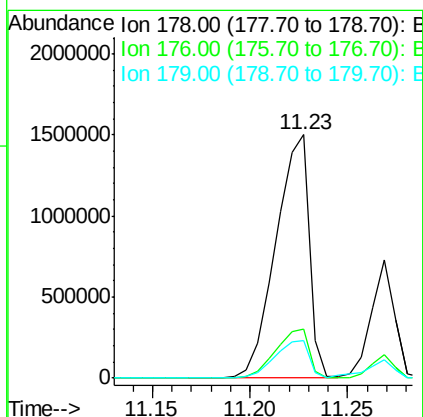
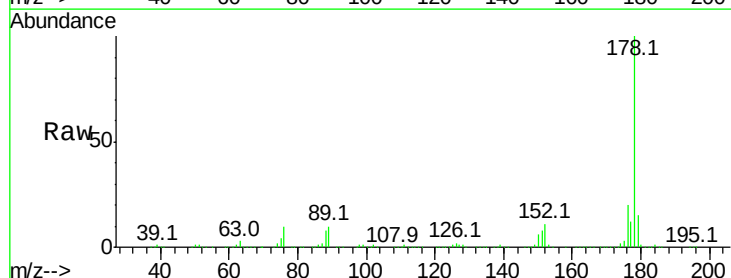
Instrument :
 BNA_F
 ClientSampleId :

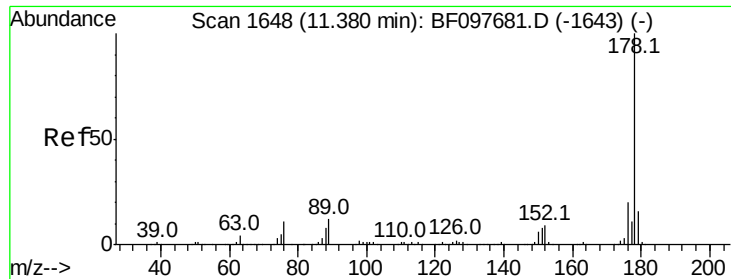
Tot Ion:188 Resp: 274684
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 12.9 10.2 15.2



#70
 Phenanthrene
 Concen: 121.346 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Tgt Ion:178 Resp: 1776154
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.5 12.6 19.0

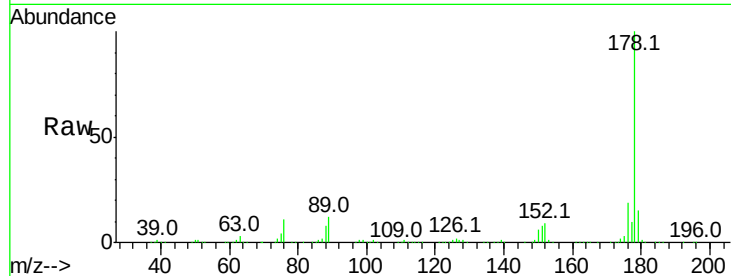




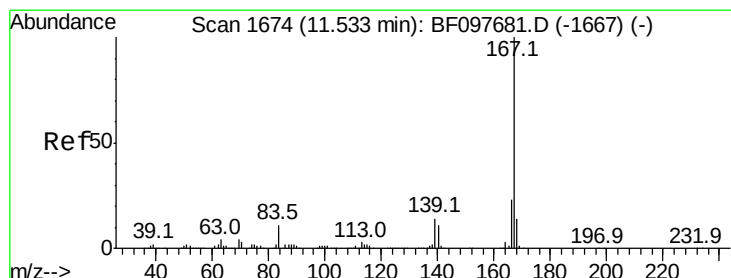
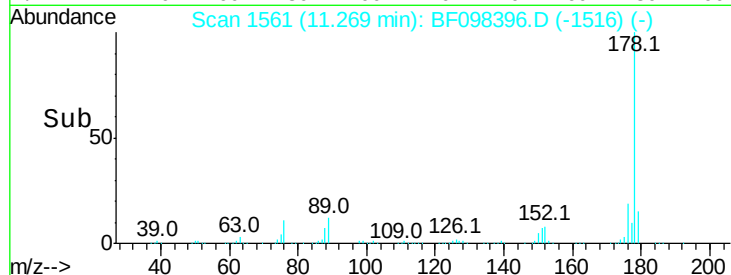
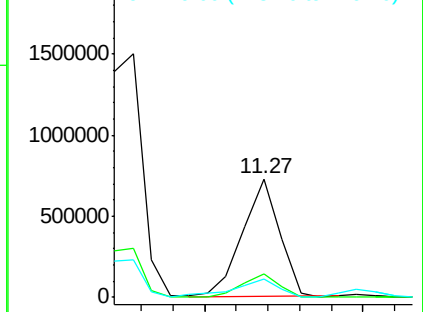
#71
 Anthracene
 Concen: 39.472 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.04 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 585993
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1

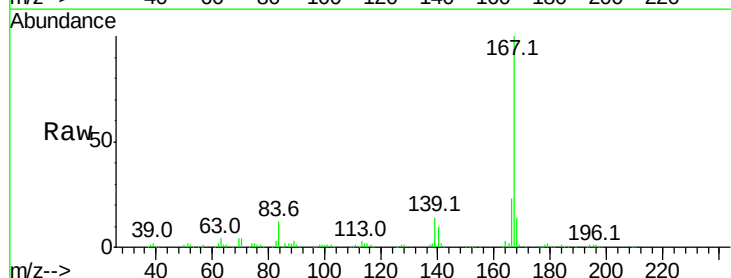


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

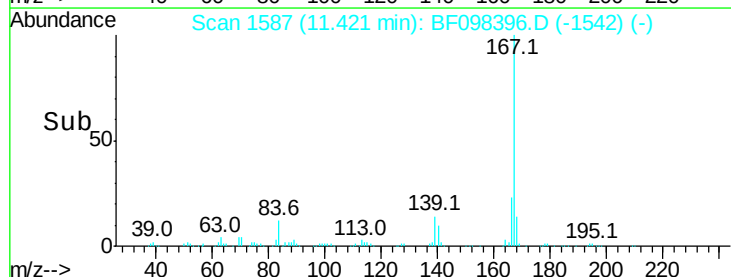
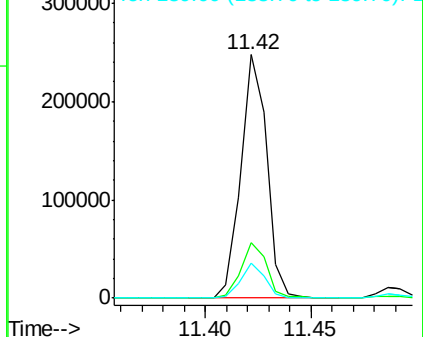


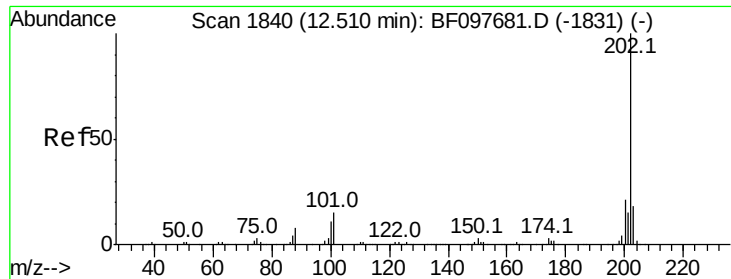
#72
 Carbazole
 Concen: 14.910 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.04 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Tgt Ion:167 Resp: 210106
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 14.3 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

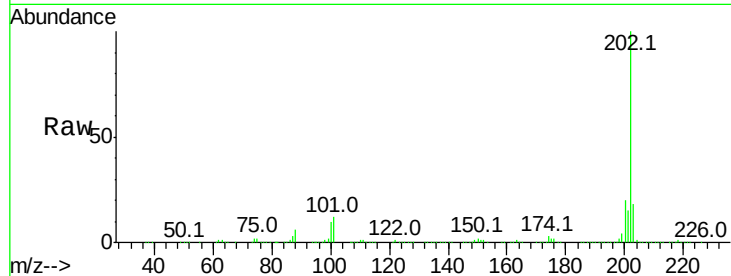




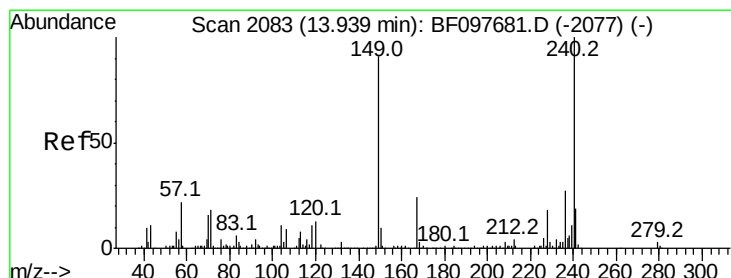
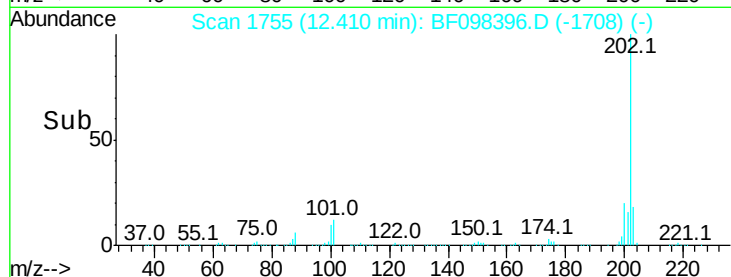
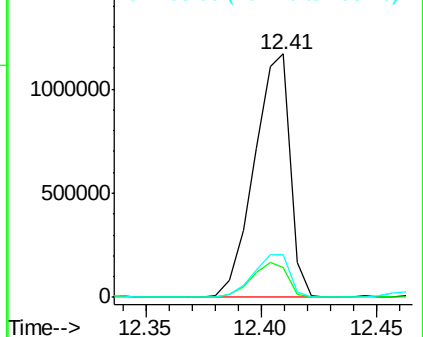
#74
 Fluoranthene
 Concen: 82.572 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1261520
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 33.2
 203 17.7 0.0 38.1

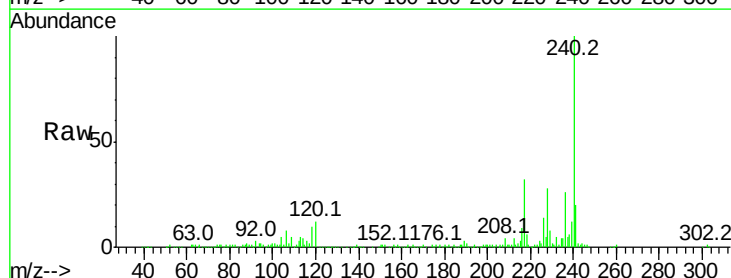


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

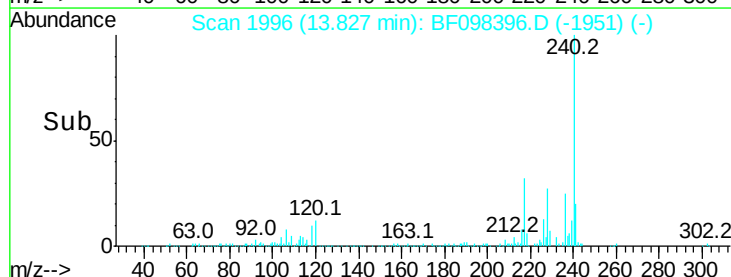
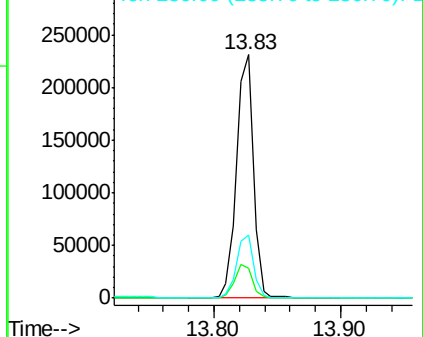


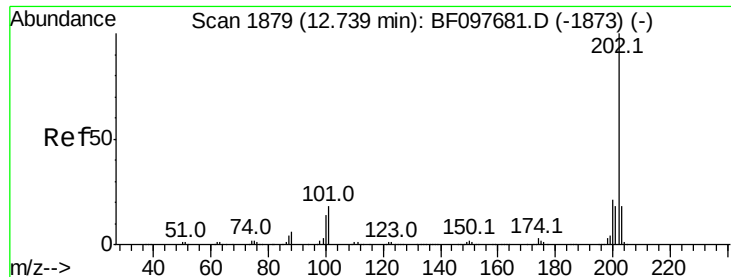
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Tgt Ion:240 Resp: 210726
 Ion Ratio Lower Upper
 240 100
 120 12.1 5.8 8.8#
 236 25.9 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: 64.404 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.03 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

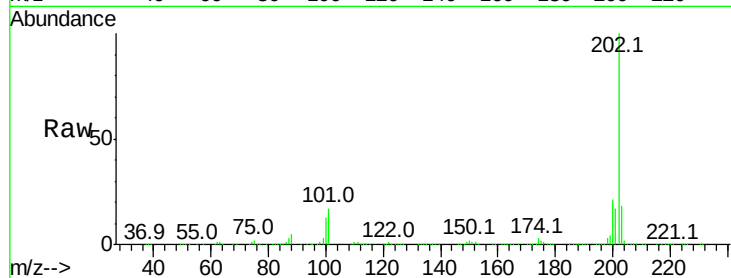
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1109994

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.7	14.4	21.6

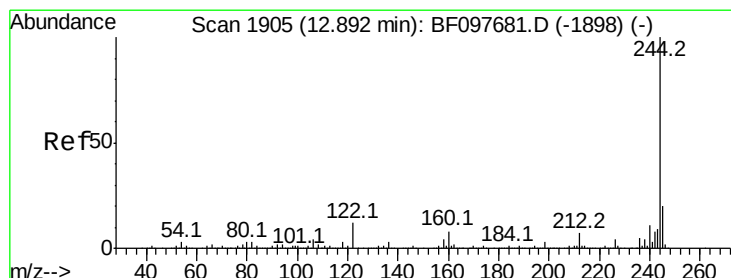
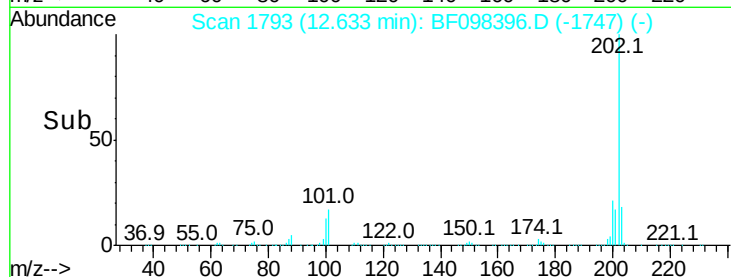
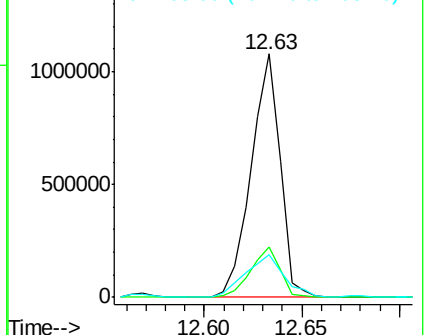


Abundance

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: 1.715 ng

RT: 12.77 min Scan# 1816

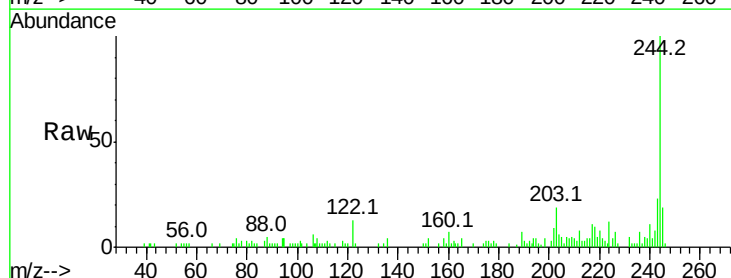
Delta R.T. -0.04 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Tgt Ion:244 Resp: 17332

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.3	10.3	15.5

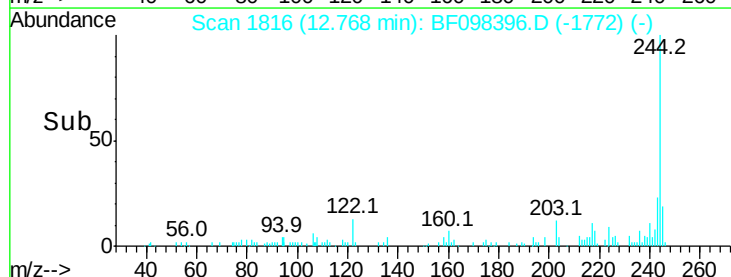
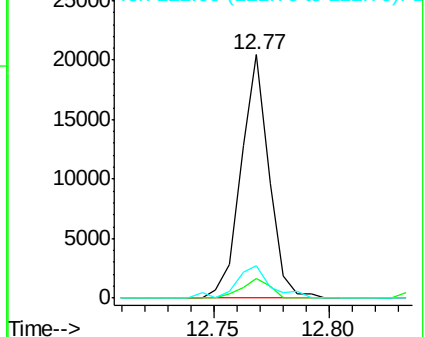


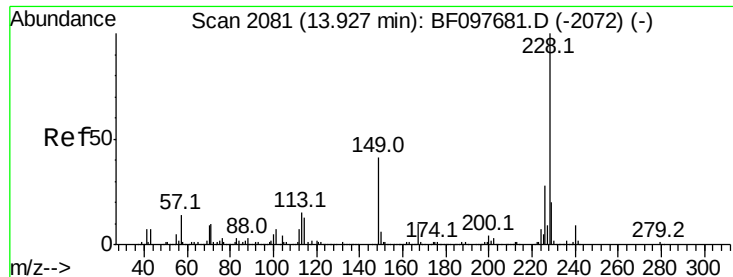
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

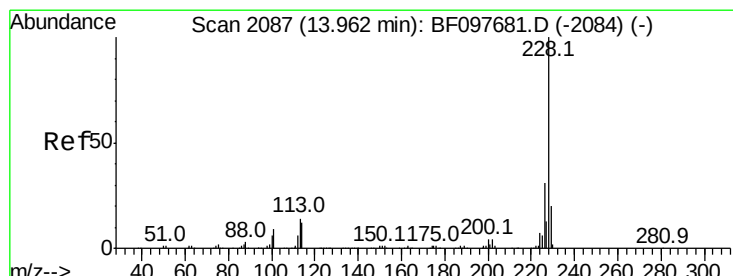
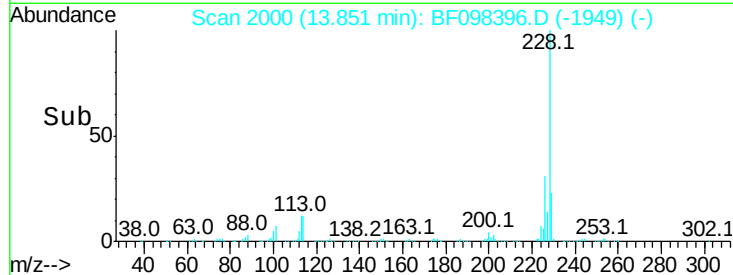
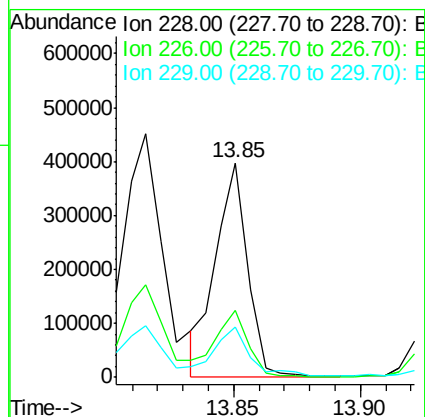
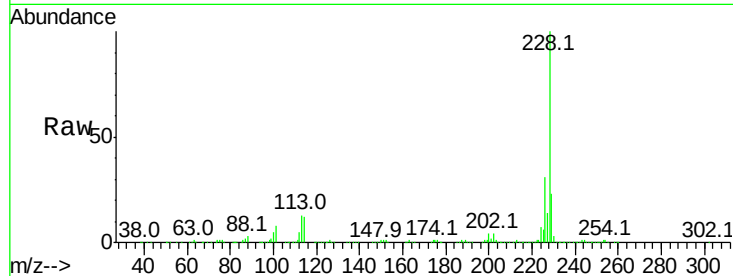




#80
Benzo(a)anthracene
Concen: 27.590 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF098396.D
Acq: 9 Sep 2017 20:02

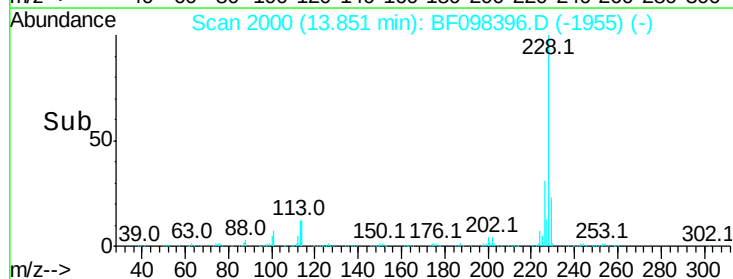
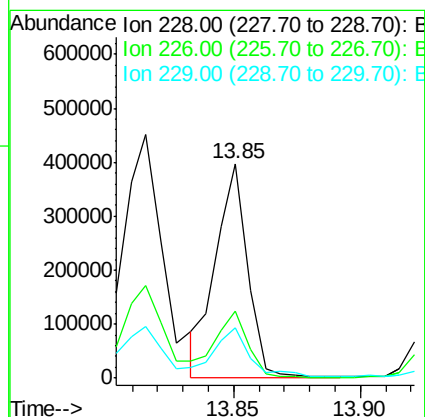
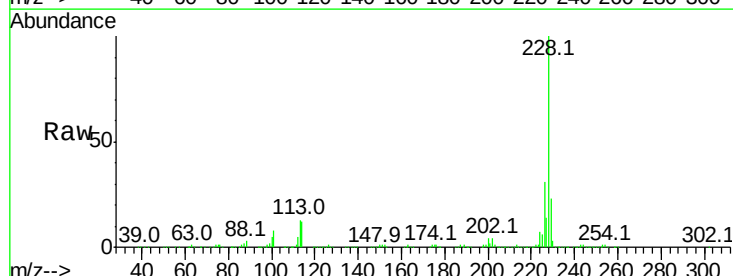
Instrument :
BNA_F
ClientSampleId :

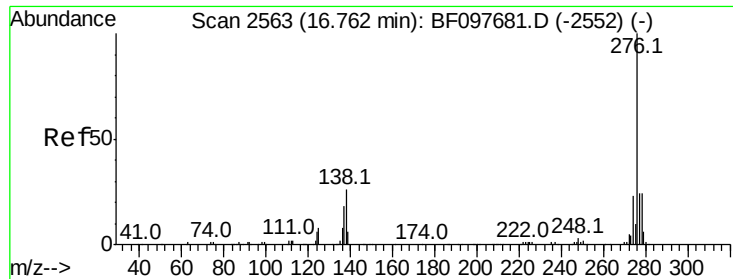
Tot Ion:228 Resp: 348458
Ion Ratio Lower Upper
228 100
226 31.5 22.6 33.8
229 23.4 16.3 24.5



#82
Chrysene
Concen: 27.735 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.04 min
Lab File: BF098396.D
Acq: 9 Sep 2017 20:02

Tgt Ion:228 Resp: 348458
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 23.4 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.022 ng

RT: 16.42 min Scan# 2437

Delta R.T. -0.22 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

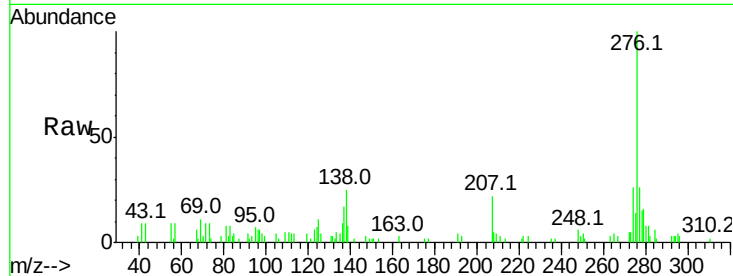
Tot Ion:276 Resp: 27926

Ion Ratio Lower Upper

276 100

138 30.9 27.8 41.6

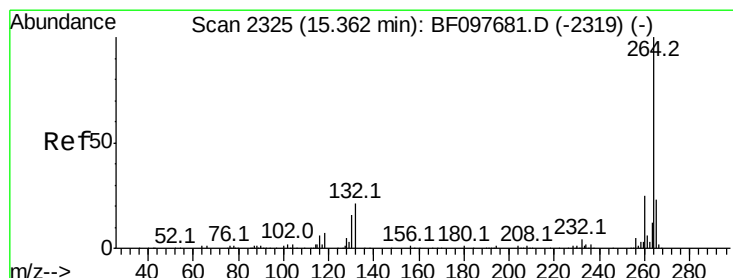
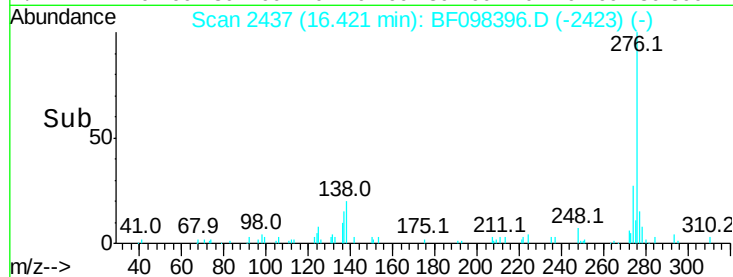
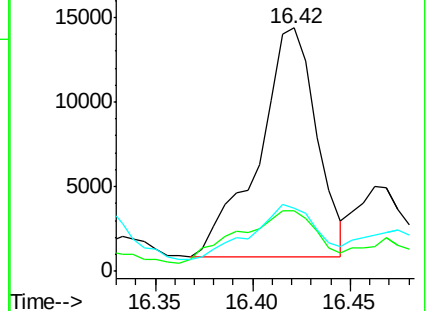
277 27.3 20.2 30.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.04 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

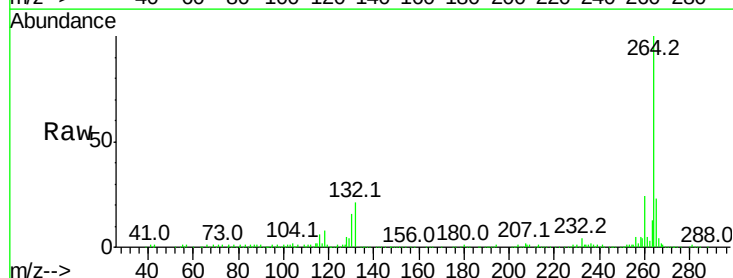
Tgt Ion:264 Resp: 201823

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

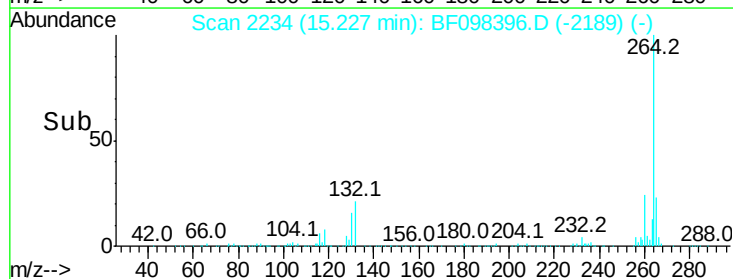
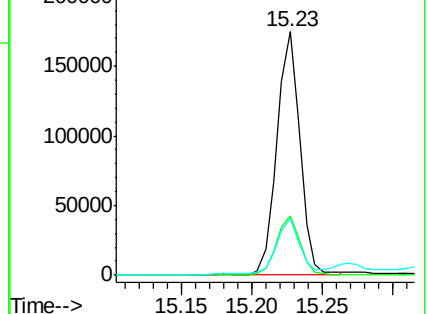
265 23.2 17.2 25.8

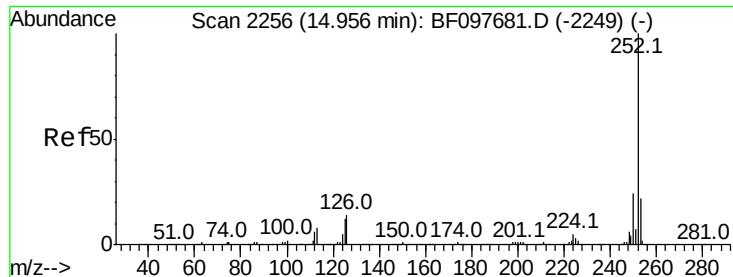


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

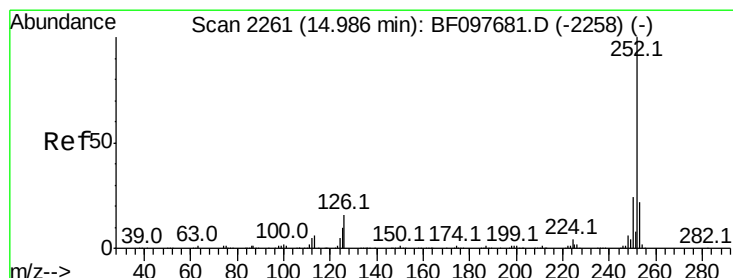
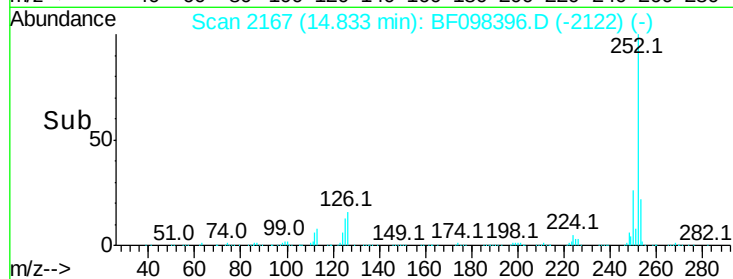
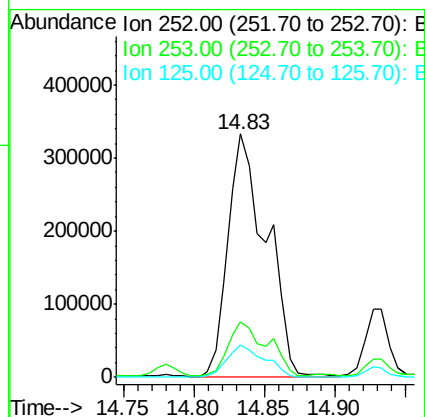
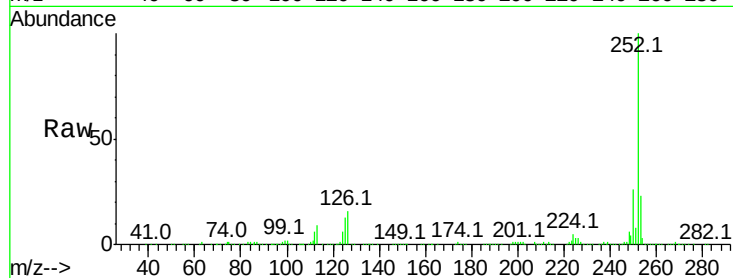




#87
Benzo(b)fluoranthene
Concen: 49.584 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF098396.D
Acq: 9 Sep 2017 20:02

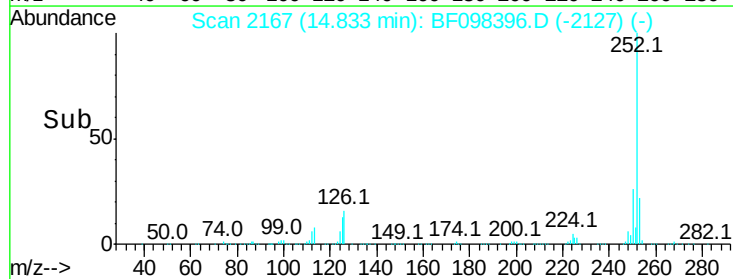
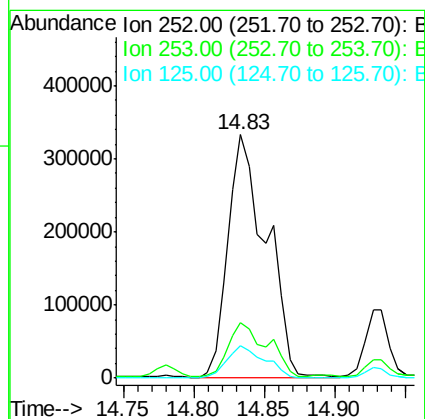
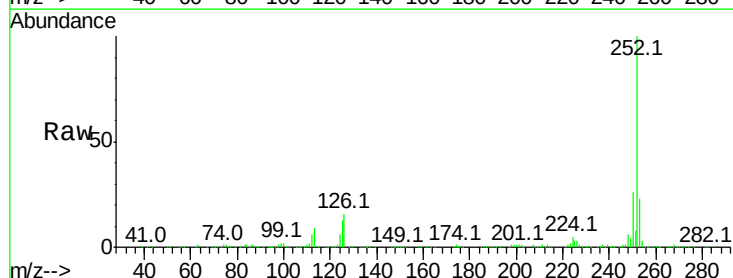
Instrument :
BNA_F
ClientSampleId :

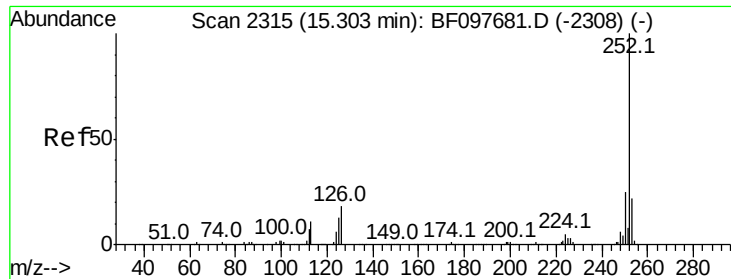
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.3	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 52.777 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.06 min
Lab File: BF098396.D
Acq: 9 Sep 2017 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.3	13.1	19.7





#89

Benzo(a)pyrene

Concen: 33.909 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.04 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

Instrument :

BNA_F

ClientSampleId :

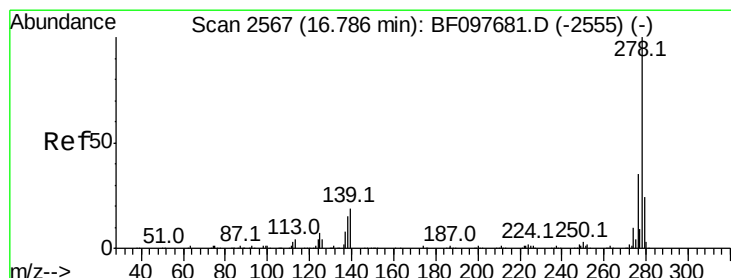
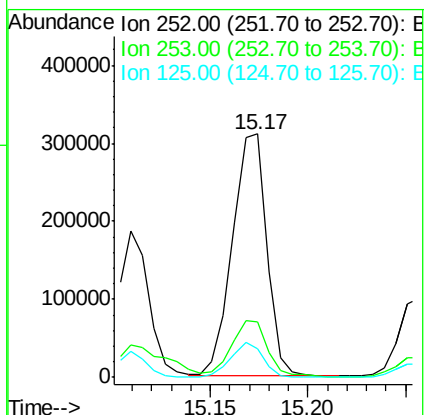
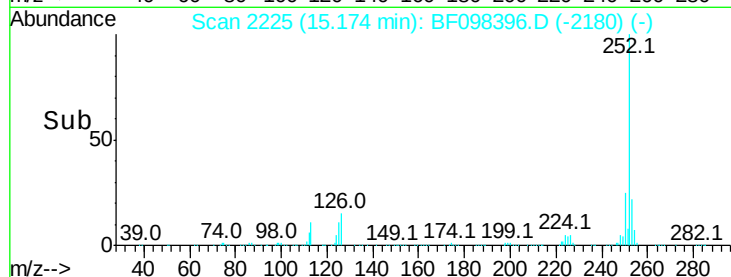
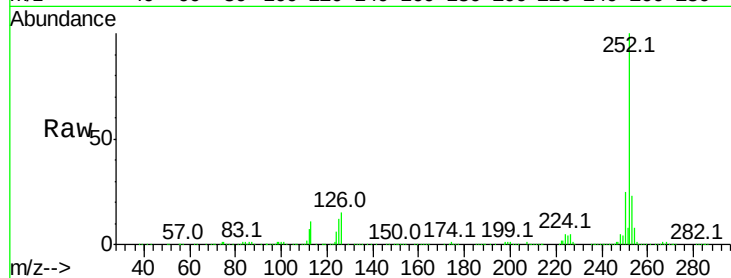
Tot Ion:252 Resp: 381881

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 11.6 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 3.714 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.08 min

Lab File: BF098396.D

Acq: 9 Sep 2017 20:02

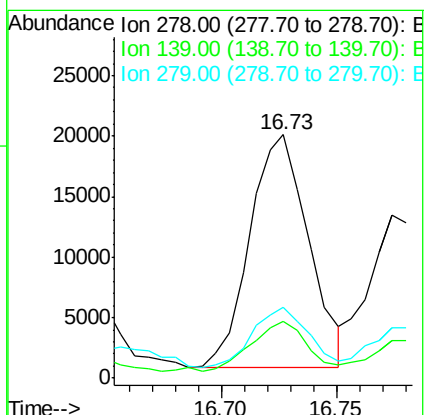
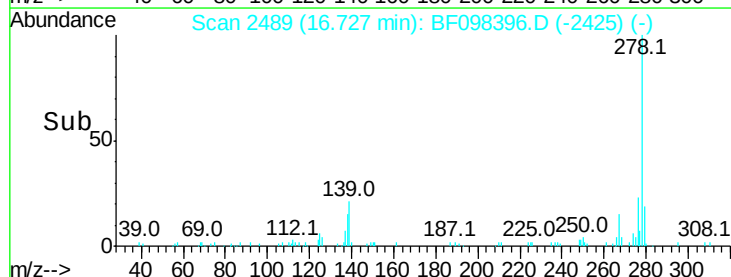
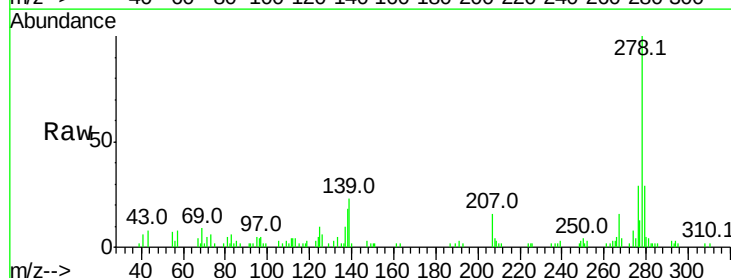
Tgt Ion:278 Resp: 34048

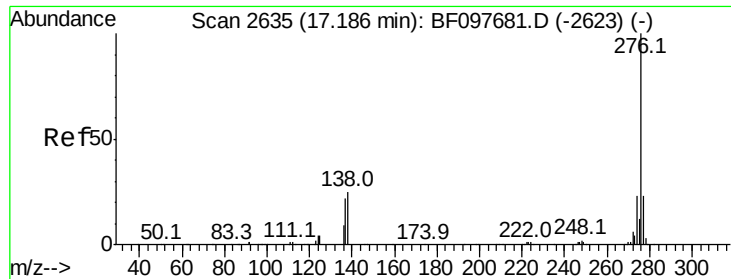
Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

279 28.9 19.3 28.9

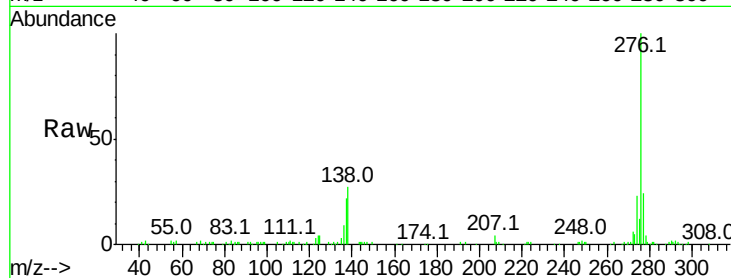




#91
 Benzo(a,h,i)perylene
 Concen: 16.412 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.08 min
 Lab File: BF098396.D
 Acq: 9 Sep 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	26.6	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

