

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096356.D
 Acq On : 1 Jul 2017 00:32
 Operator : SJ/MA
 Sample : I3930-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 01:55:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140594	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	550802	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	192925	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	293134	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	285403	20.00	ng	-0.01
86) Perylene-d12	15.33	264	196740	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1106090	113.34	ng	0.00
7) Phenol-d6	6.39	99	1363460	115.38	ng	0.00
23) Nitrobenzene-d5	7.32	82	773940	97.27	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	213993	140.94	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	962196	91.34	ng	-0.03
78) Terphenyl-d14	12.86	244	666376	58.26	ng	-0.01

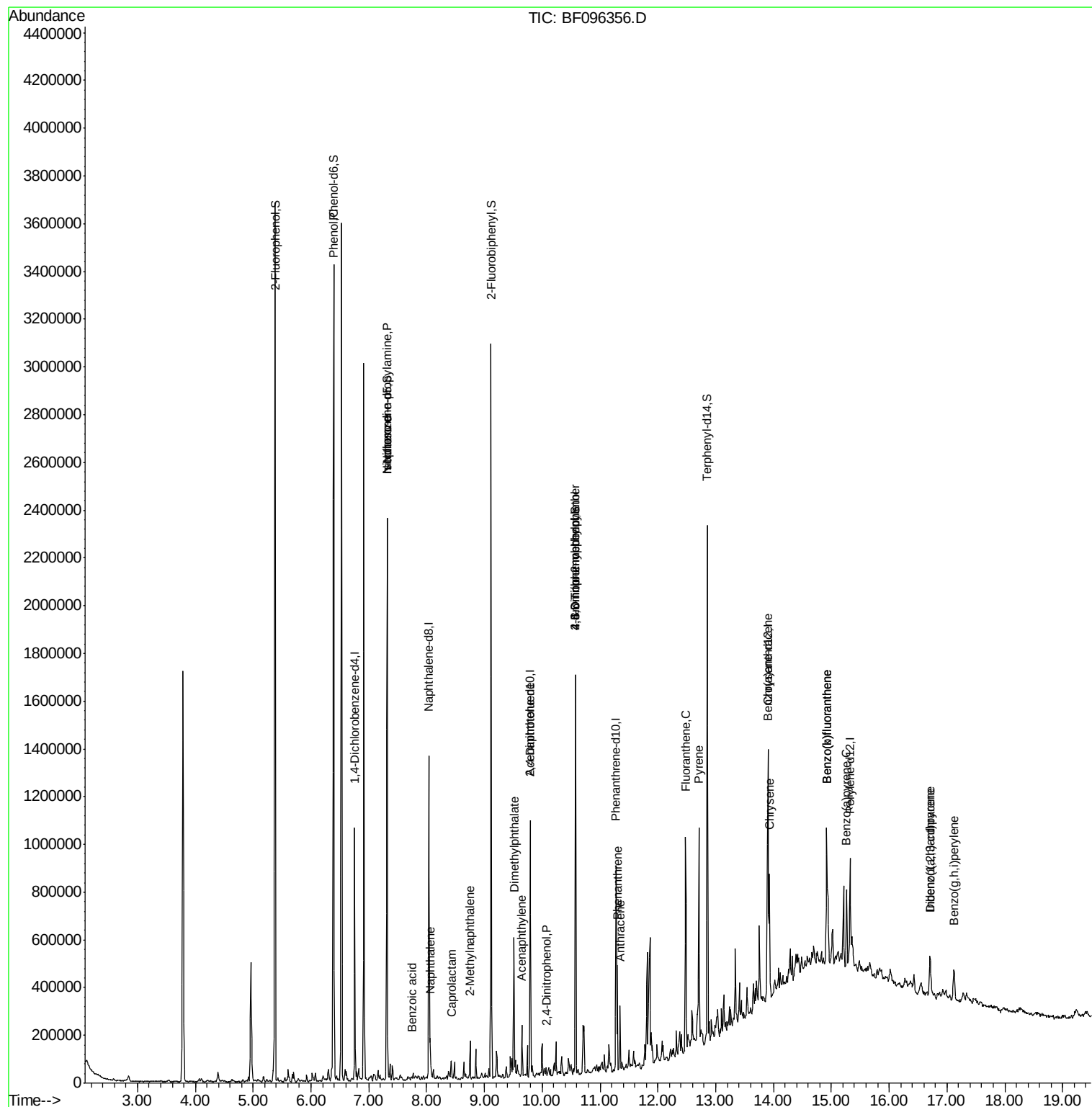
Target Compounds				Qvalue		
9) Benzaldehyde	6.30	77	5111	Below Cal		95
10) Phenol	6.40	94	32773	2.52 ng		94
19) n-Nitroso-di-n-propylamine	7.32	70	103934	14.68 ng	#	87
25) Isophorone	7.32	82	770914	42.66 ng	#	67
31) Naphthalene	8.06	128	68301	2.57 ng		96
32) Benzoic acid	7.74	122	1323	8.97 ng		85
35) Caprolactam	8.42	113	5355	2.23 ng	#	21
37) 2-Methylnaphthalene	8.75	142	38610	2.24 ng		93
48) Acenaphthylene	9.65	152	73722	3.62 ng		97
49) Dimethylphthalate	9.51	163	209663	15.19 ng		98
53) 2,4-Dinitrophenol	10.07	184	107	7.65 ng	#	4
56) 2,4-Dinitrotoluene	9.79	165	25968	7.17 ng	#	34
57) Fluorene	10.34	166	9629	Below Cal		99
60) 4-Chlorophenyl-phenylether	10.13	204	152	Below Cal	#	21
64) 4,6-Dinitro-2-methylphenol	10.58	198	441	8.98 ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	10997	3.65 ng	#	1
70) Phenanthrene	11.30	178	165816	4.35 ng		98
71) Anthracene	11.35	178	94400	5.76 ng		98
74) Fluoranthene	12.48	202	325776	20.01 ng		96
77) Pyrene	12.71	202	340844	14.53 ng		98
80) Benzo(a)anthracene	13.89	228	201842	11.60 ng		94
82) Chrysene	13.93	228	212681	11.82 ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	104715	7.01 ng		95
87) Benzo(b)fluoranthene	14.92	252	404392	31.29 ng	#	96
88) Benzo(k)fluoranthene	14.92	252	404392	34.27 ng		99
89) Benzo(a)pyrene	15.26	252	144962	12.70 ng	#	95
90) Dibenzo(a,h)anthracene	16.72	278	27875	3.12 ng	#	78
91) Benzo(g,h,i)perylene	17.12	276	97010	10.44 ng		98

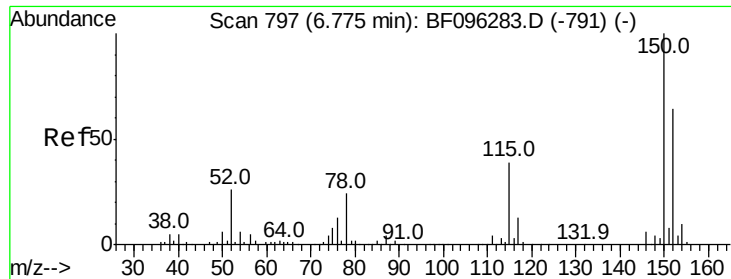
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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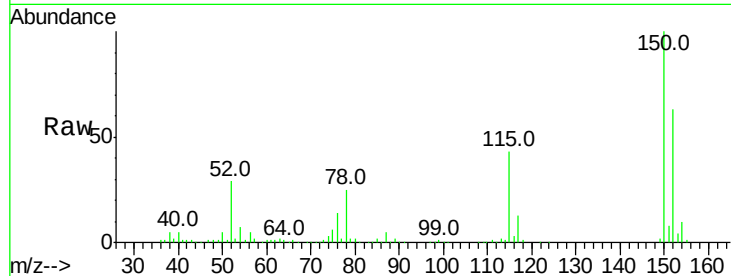


#1

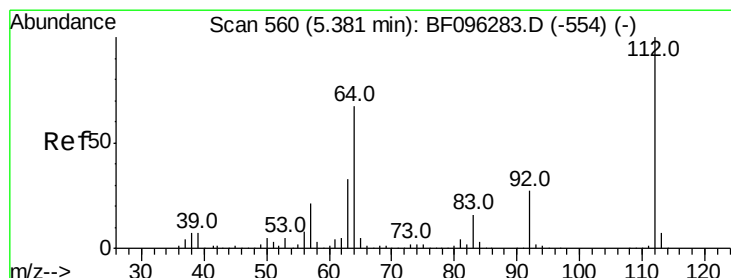
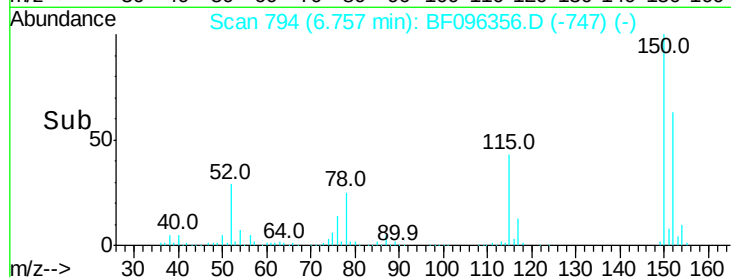
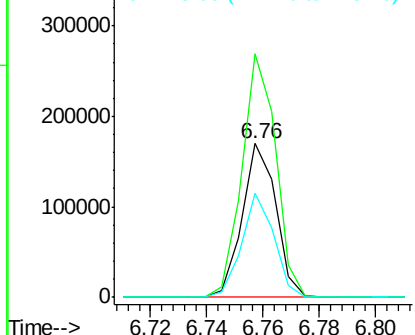
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 140594
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 67.9 52.2 78.2



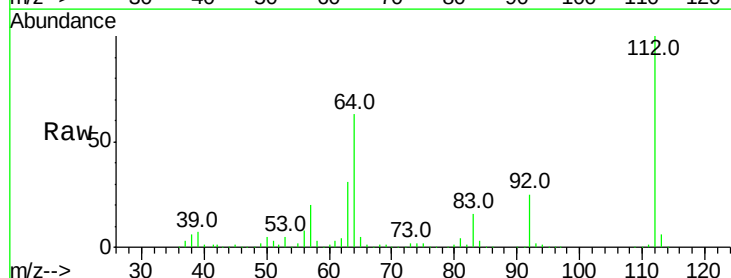
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



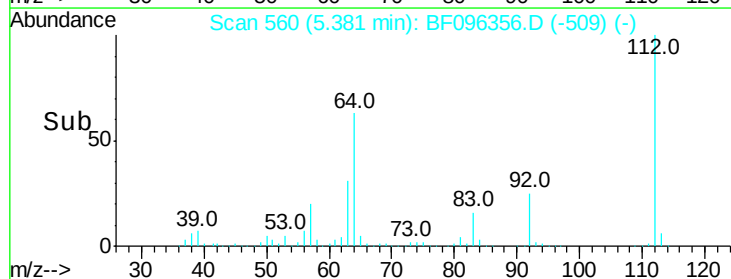
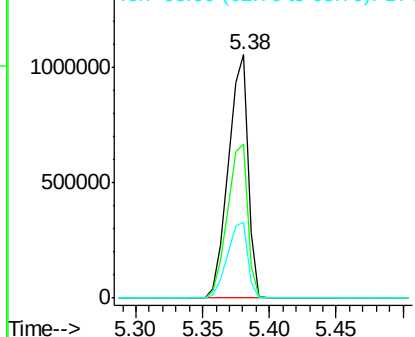
#5

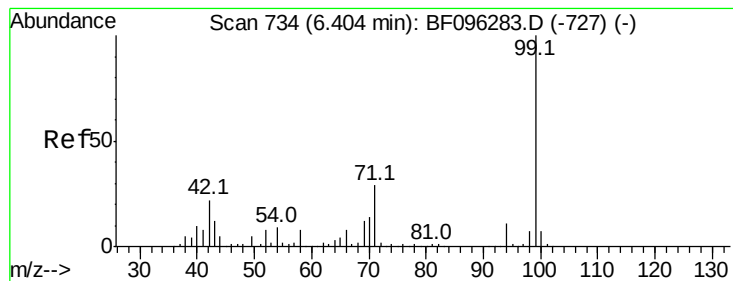
2-Fluorophenol
 Concen: 113.34 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion:112 Resp: 1106090
 Ion Ratio Lower Upper
 112 100
 64 63.3 46.0 69.0
 63 31.1 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: 115.38 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

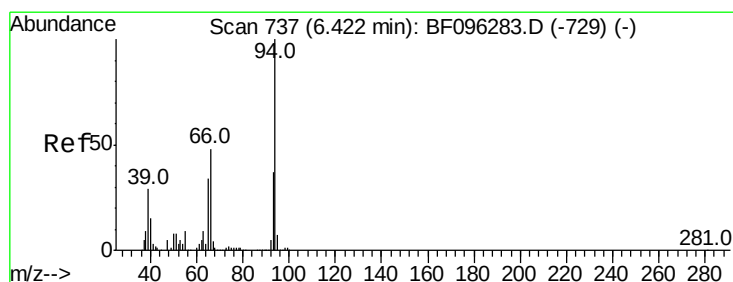
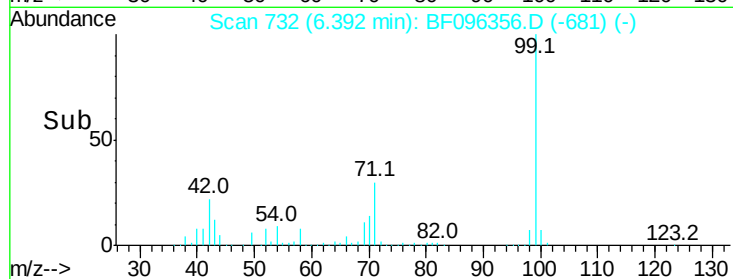
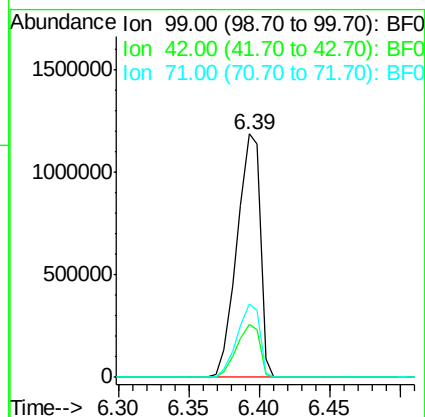
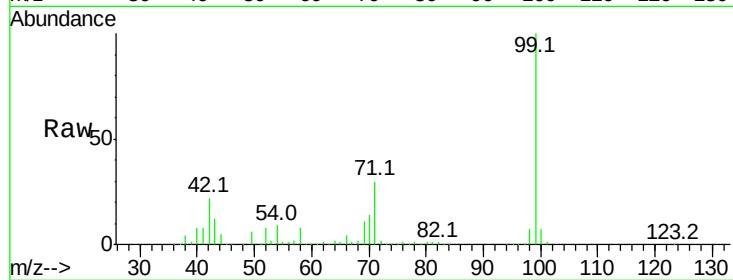
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1363460

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	29.9	24.5	36.7



#10

Phenol

Concen: 2.52 ng

RT: 6.40 min Scan# 734

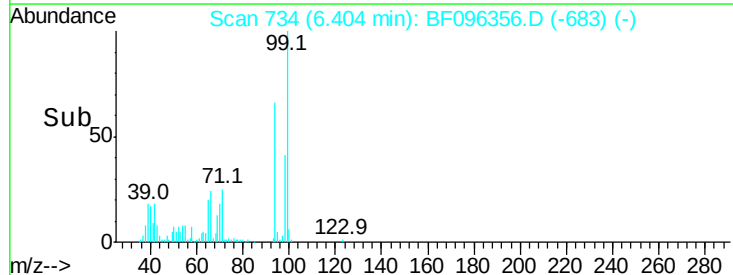
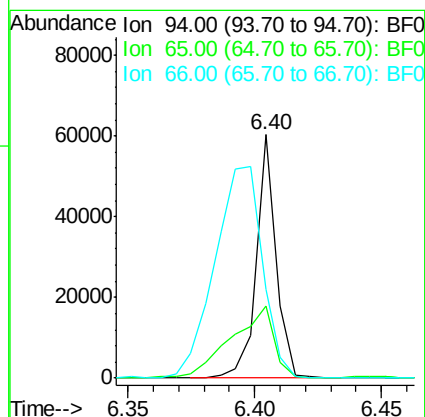
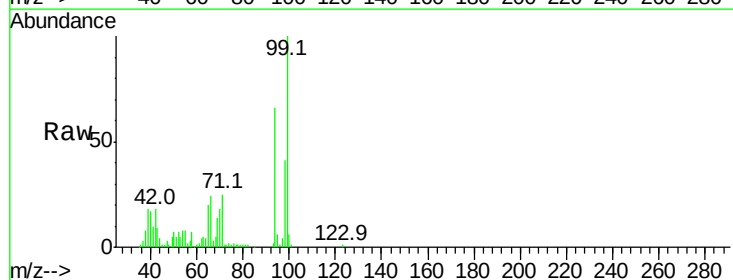
Delta R.T. -0.00 min

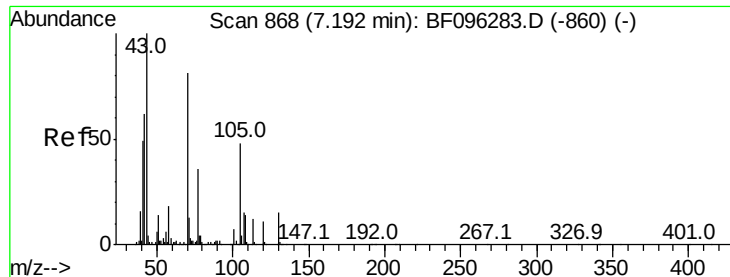
Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

Tgt Ion: 94 Resp: 32773

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.9	49.9
66	36.3	23.1	63.1

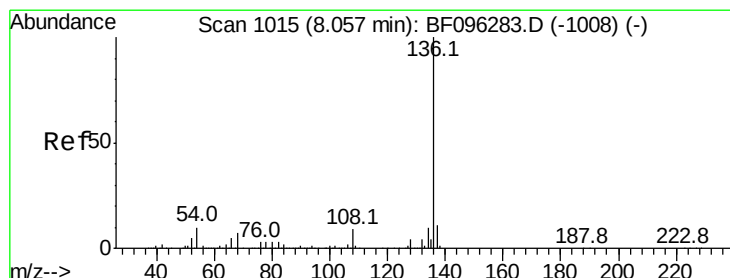
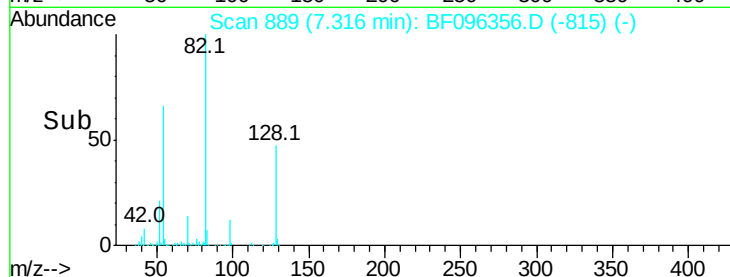
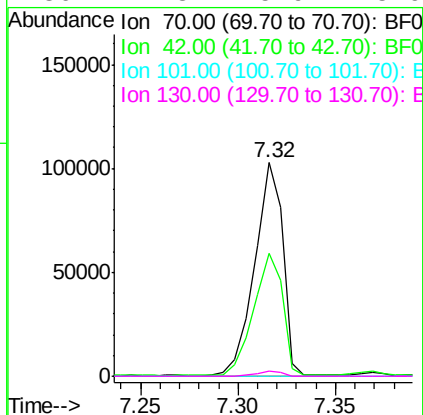
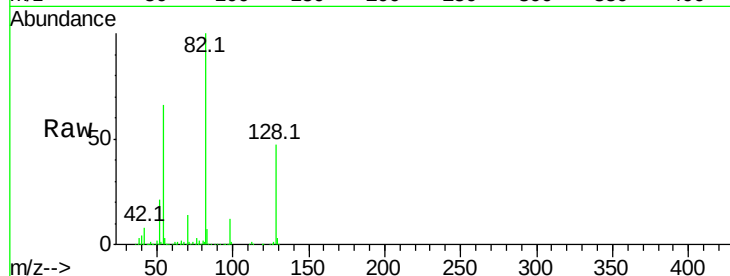




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.68 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.14 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

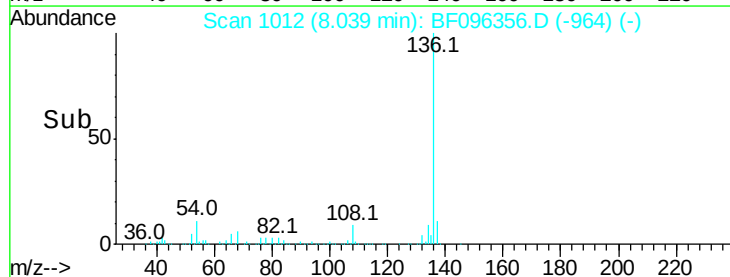
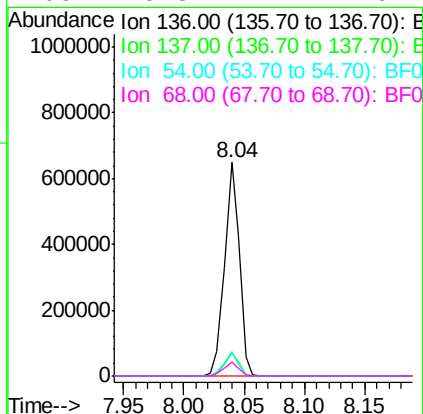
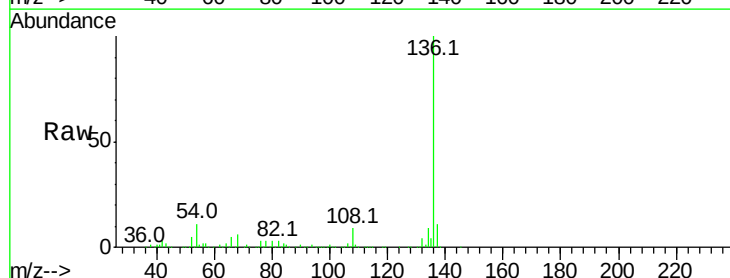
Instrument :
 BNA_F
 ClientSampleId :

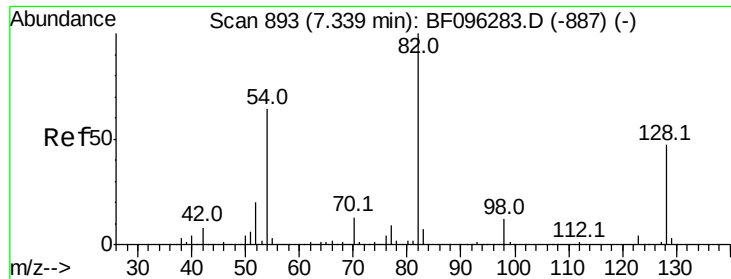
Tot Ion: 70 Resp: 103934
 Ion Ratio Lower Upper
 70 100
 42 57.4 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.3 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion: 136 Resp: 550802
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.5 12.7
 54 11.2 4.9 7.3#
 68 6.3 4.1 6.1#

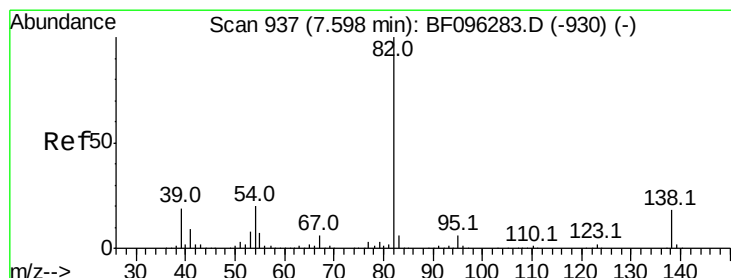
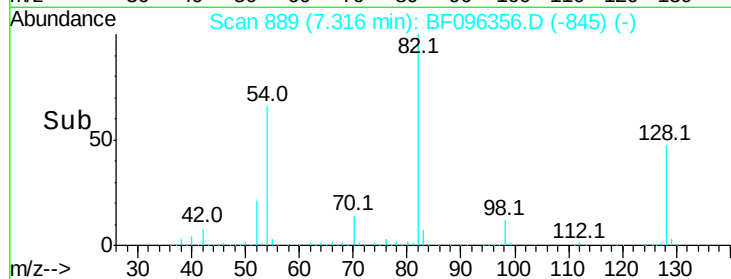
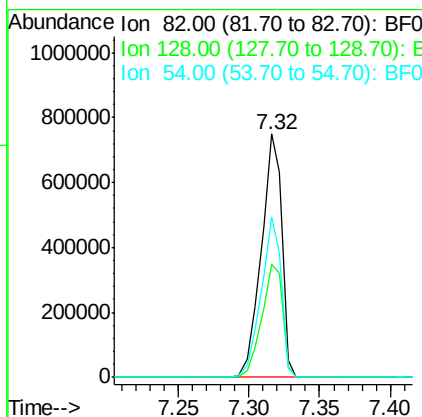
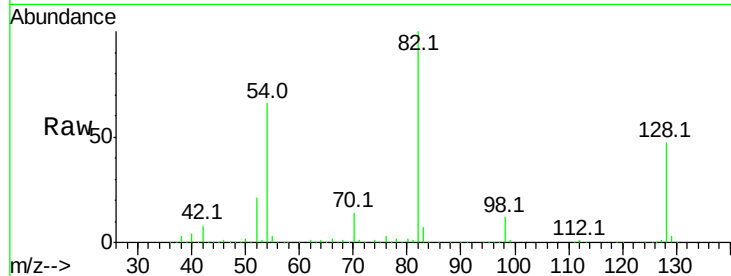




#23
 Nitrobenzene-d5
 Concen: 97.27 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

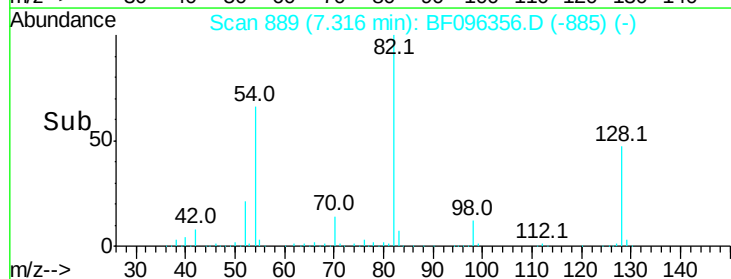
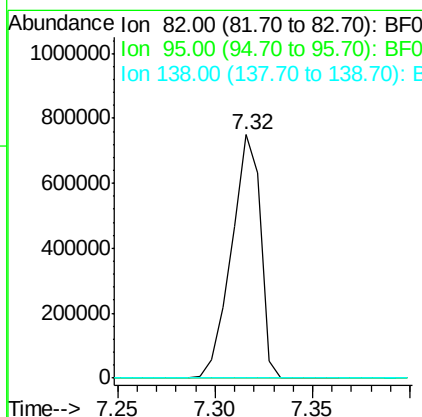
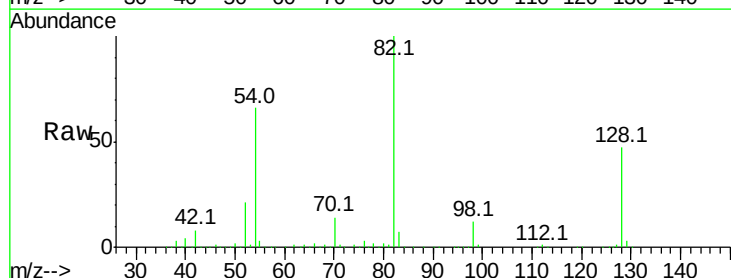
Instrument :
 BNA_F
 ClientSampleId :

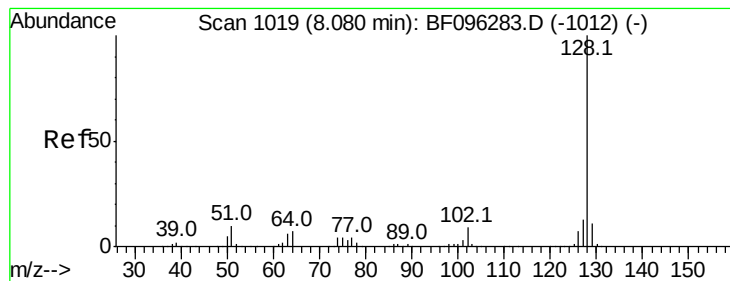
Tot Ion: 82 Resp: 773940
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 65.9 42.2 63.2#



#25
 Isophorone
 Concen: 42.66 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.28 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion: 82 Resp: 770914
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 2.57 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

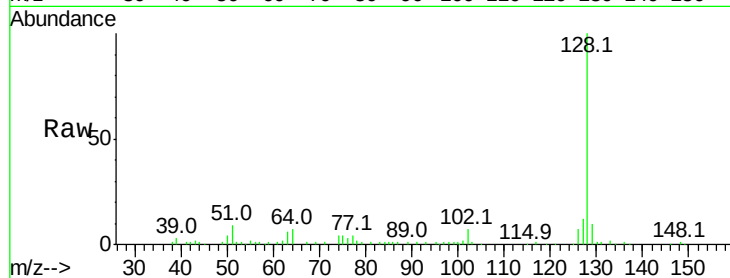
Tot Ion:128 Resp: 68301

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.6

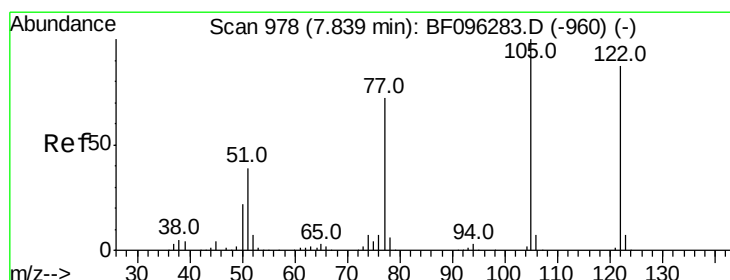
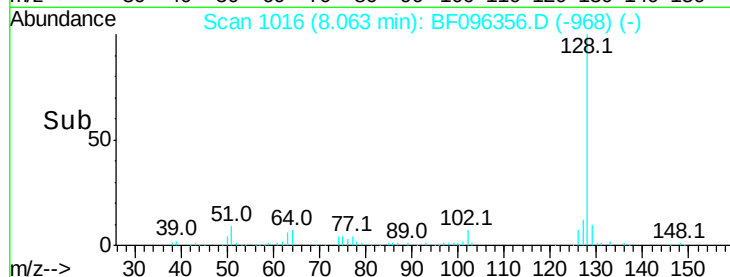
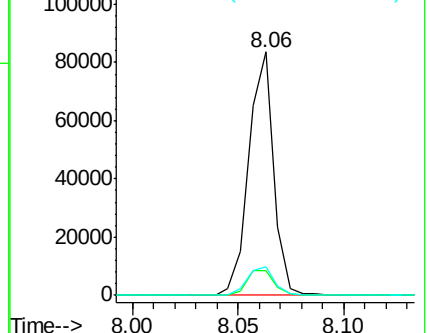
127 11.6 10.8 16.2



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: 8.97 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.15 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

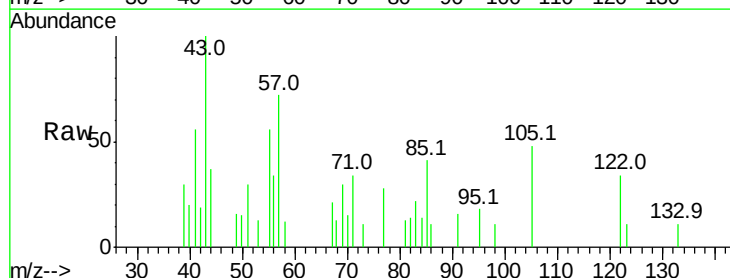
Tgt Ion:122 Resp: 1323

Ion Ratio Lower Upper

122 100

105 142.5 103.3 143.3

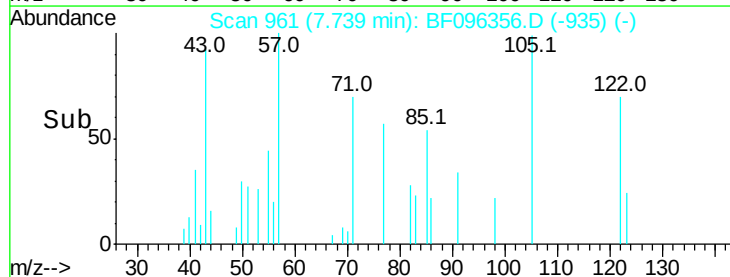
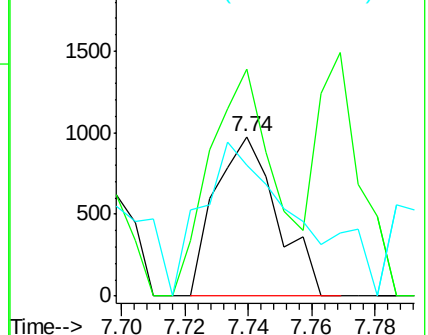
77 82.2 73.7 113.7

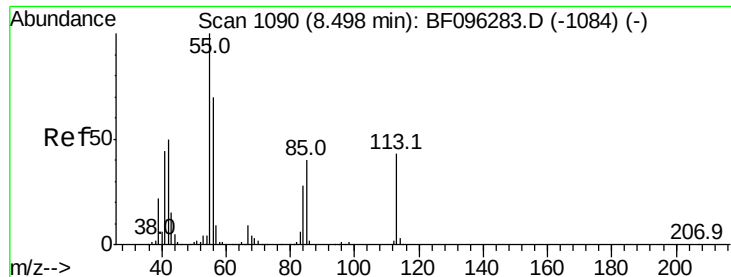


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 2.23 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

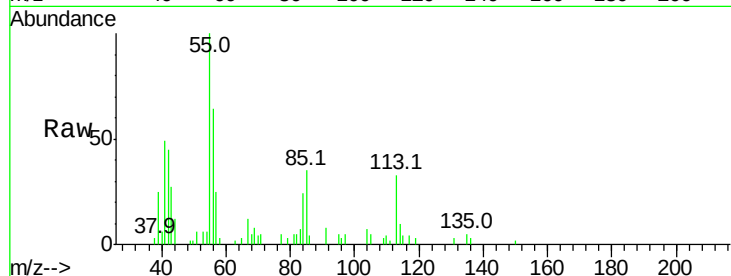
Tot Ion:113 Resp: 5355

Ion Ratio Lower Upper

113 100

55 301.4 150.2 190.2#

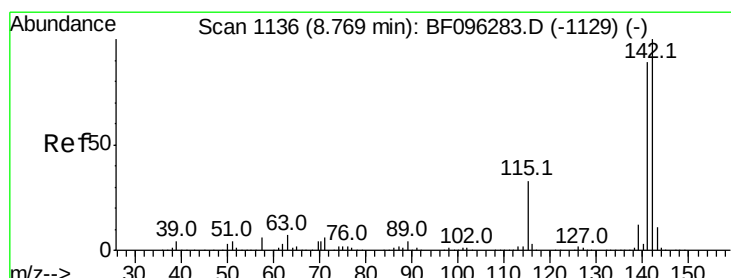
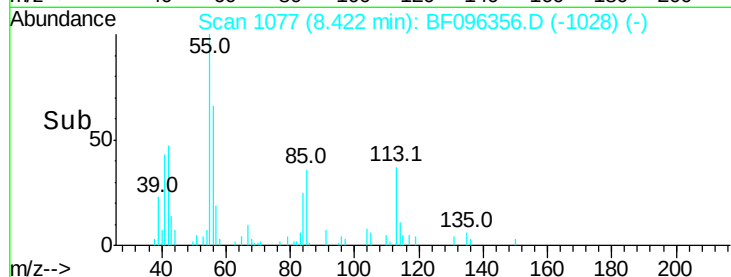
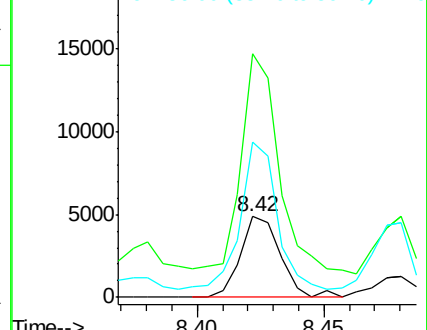
56 192.2 107.8 147.8#



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: 2.24 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

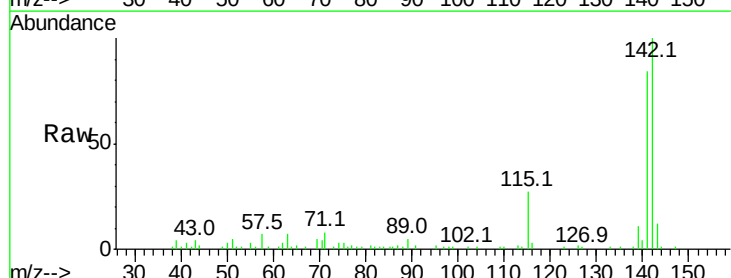
Tgt Ion:142 Resp: 38610

Ion Ratio Lower Upper

142 100

141 84.3 71.3 106.9

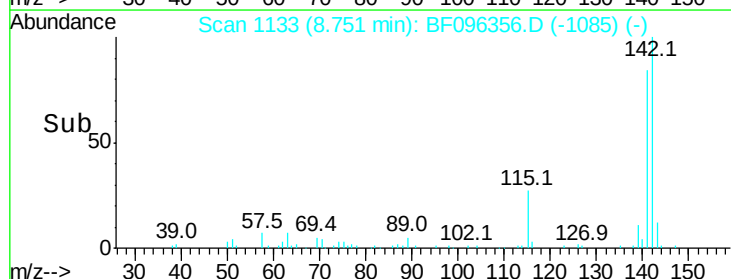
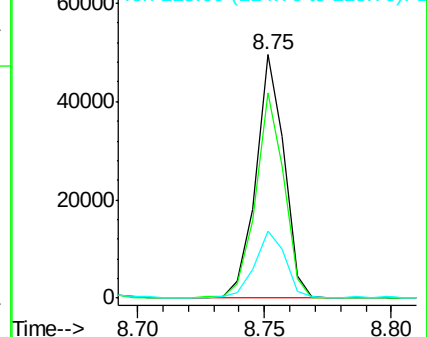
115 27.4 27.1 40.7

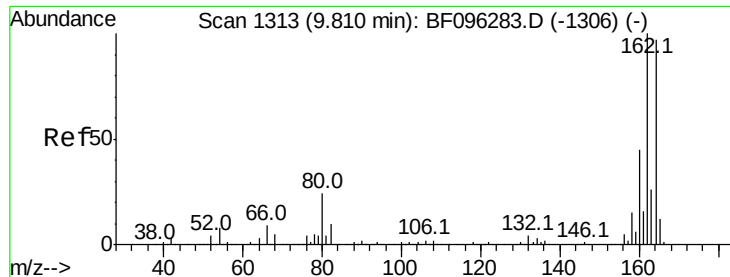


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

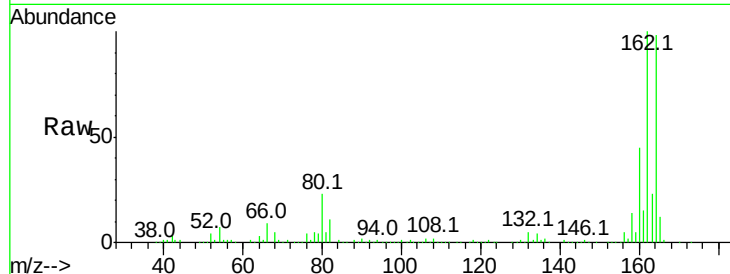




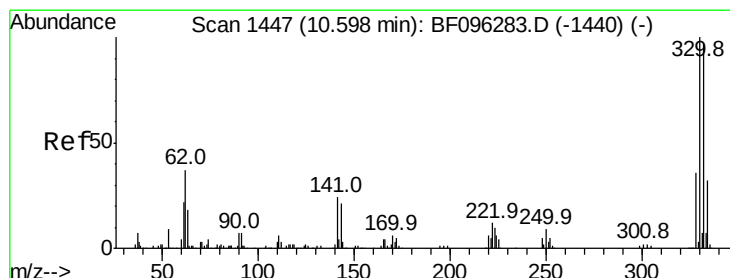
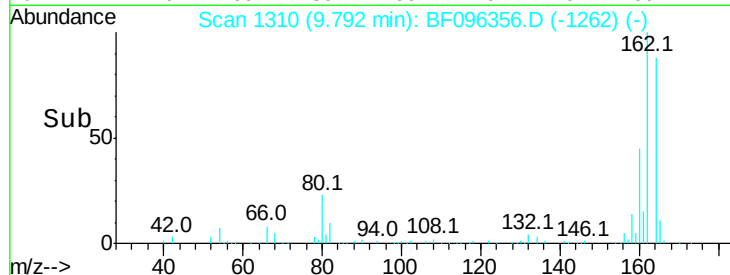
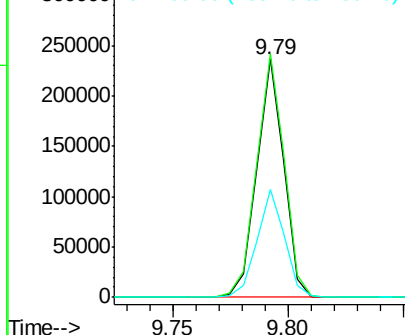
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	45.5	36.2	54.2

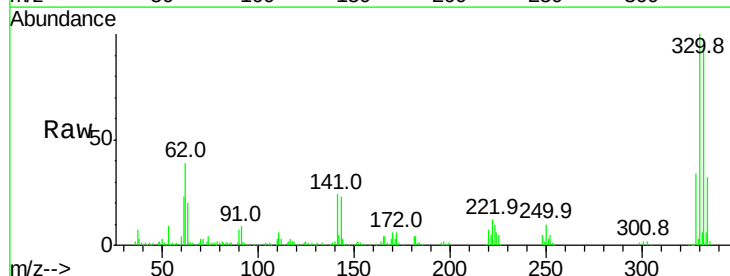


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

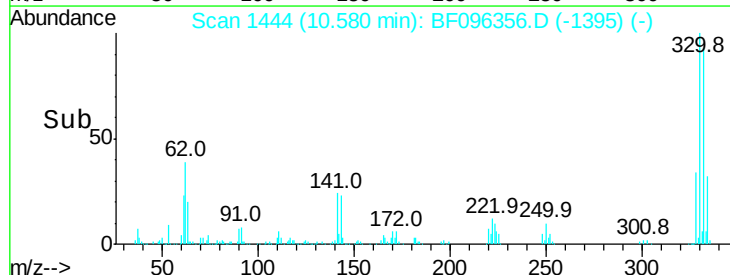
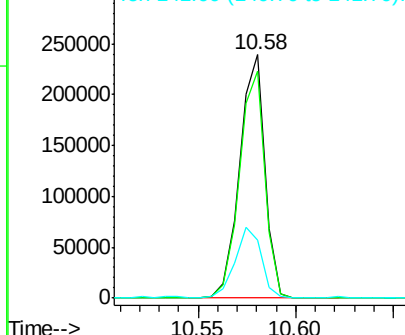


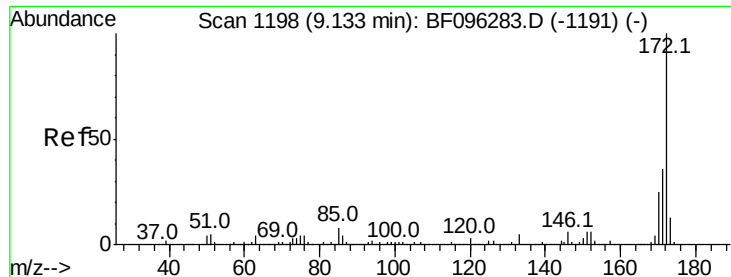
#41
2,4,6-Tribromophenol
Concen: 140.94 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	29.5	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

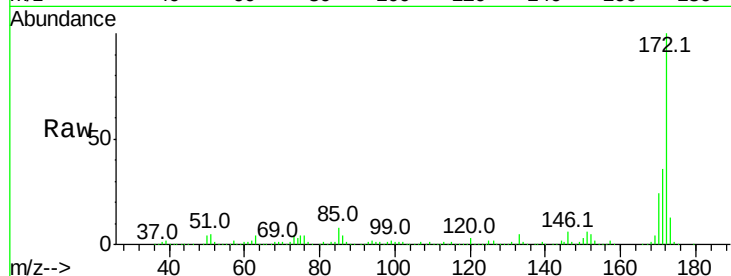




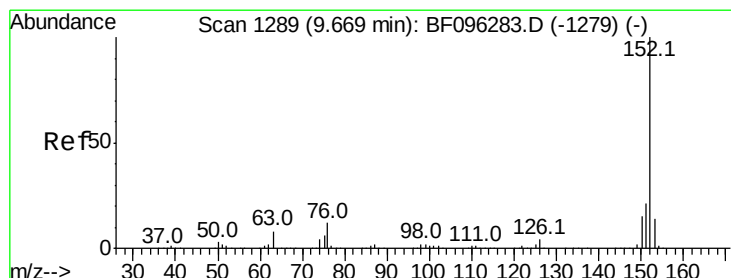
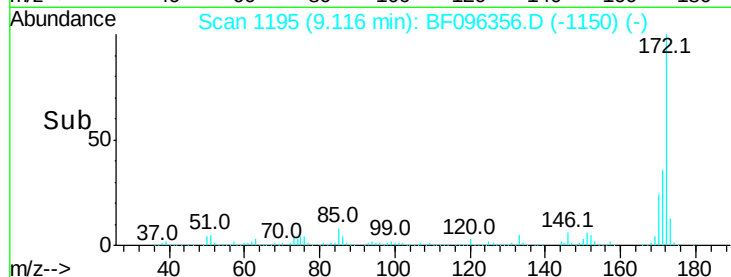
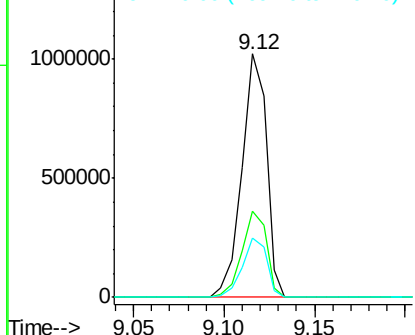
#44
 2-Fluorobiphenyl
 Concen: 91.34 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	19.8	29.8

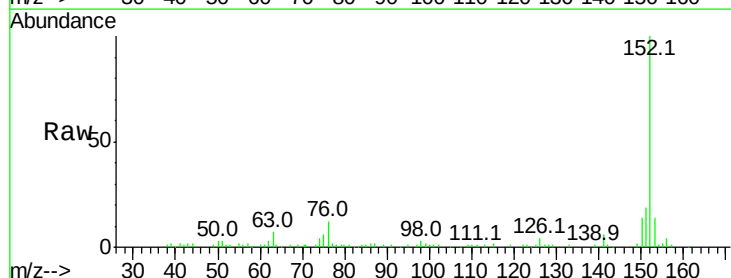


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

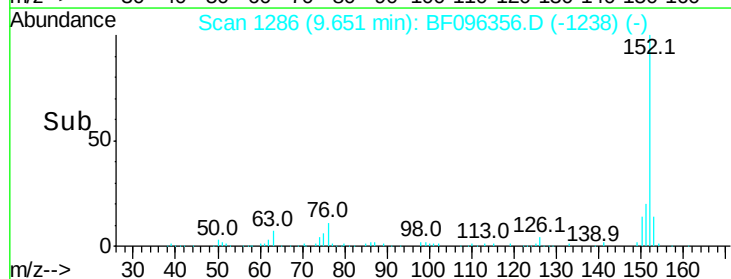
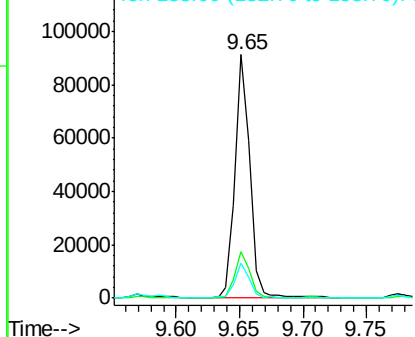


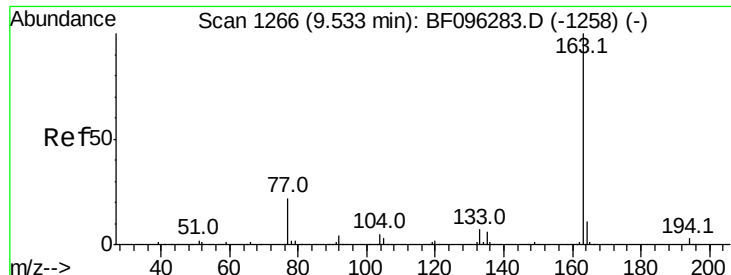
#48
 Acenaphthylene
 Concen: 3.62 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.8	25.2
153	14.1	10.8	16.2



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

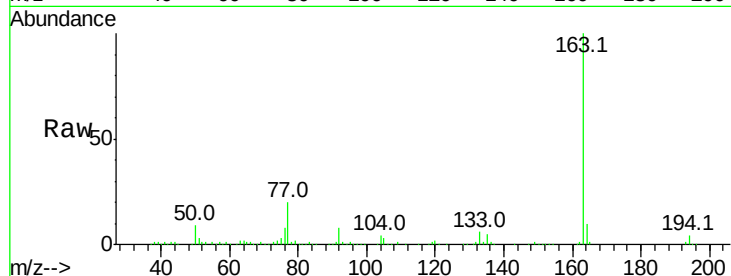




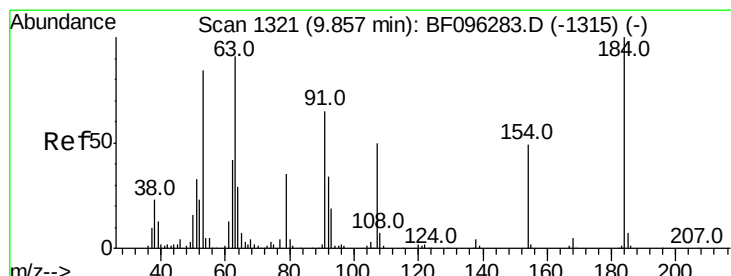
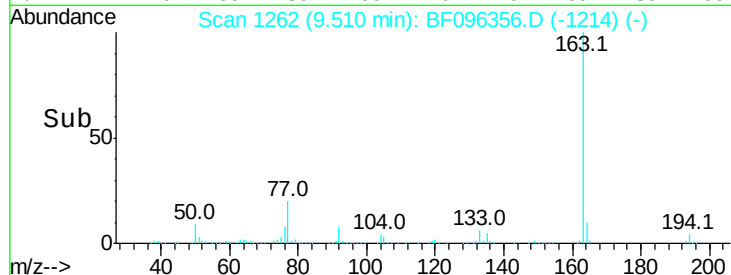
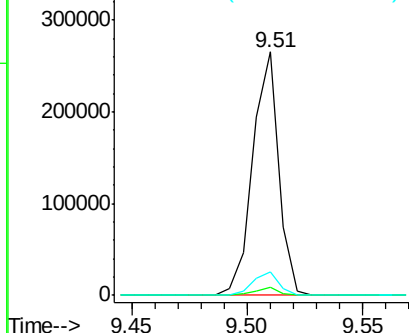
#49
Dimethylphthalate
Concen: 15.19 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 209663
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6

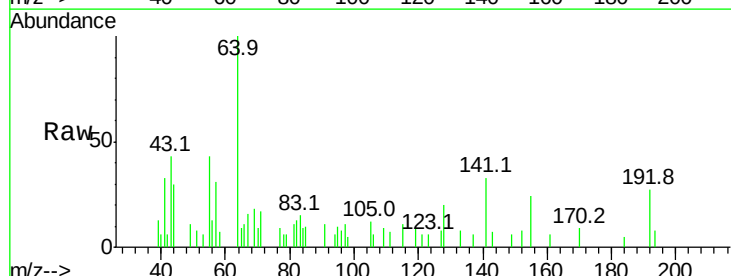


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

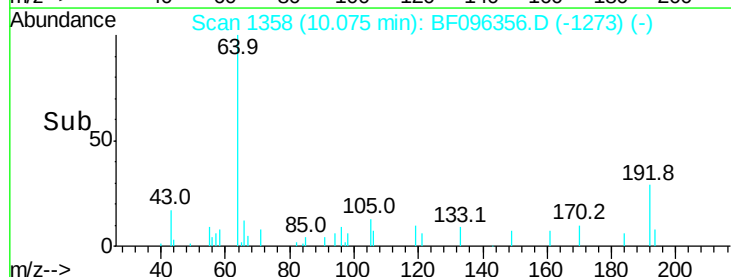
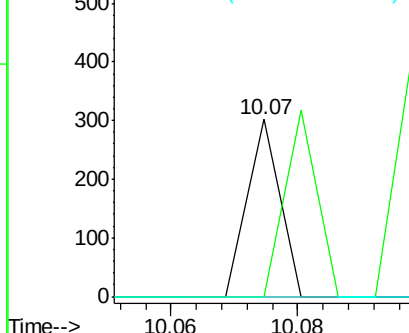


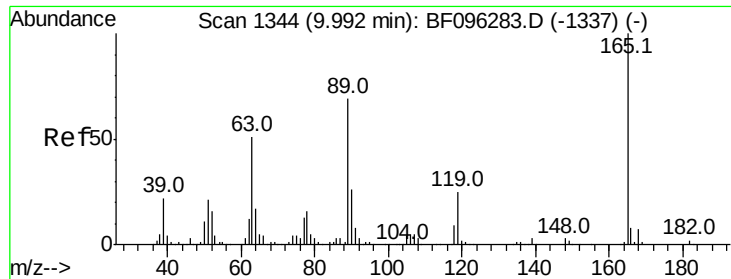
#53
2,4-Dinitrophenol
Concen: 7.65 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.20 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Tgt Ion:184 Resp: 107
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

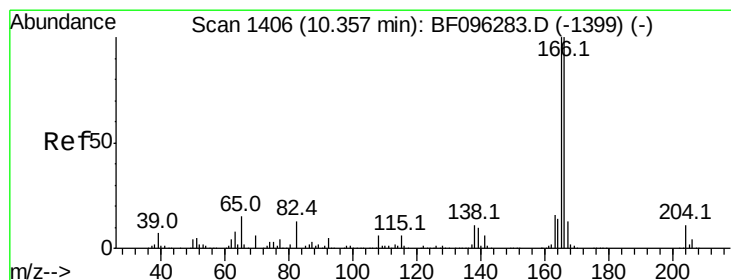
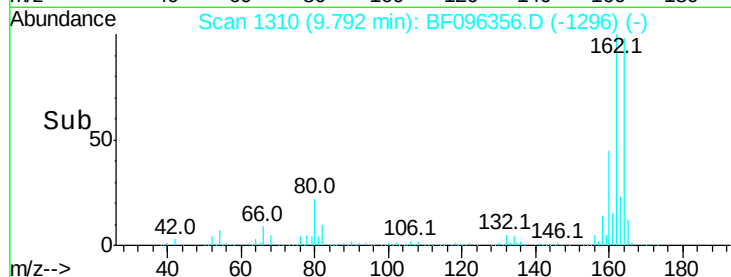
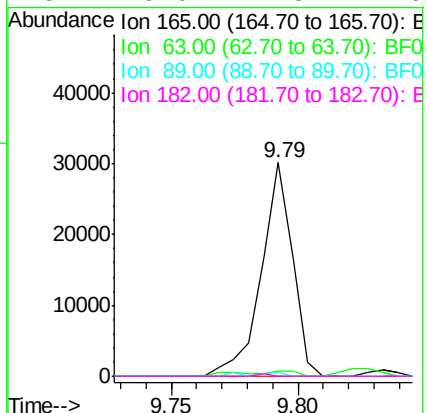
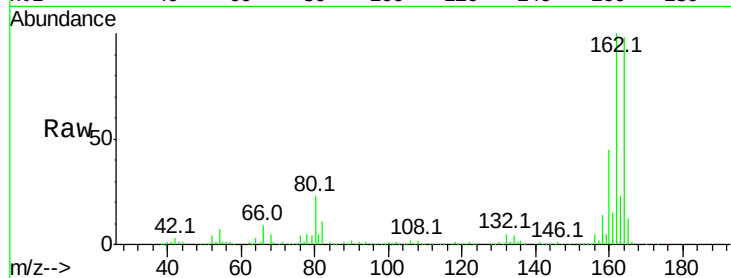




#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.22 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

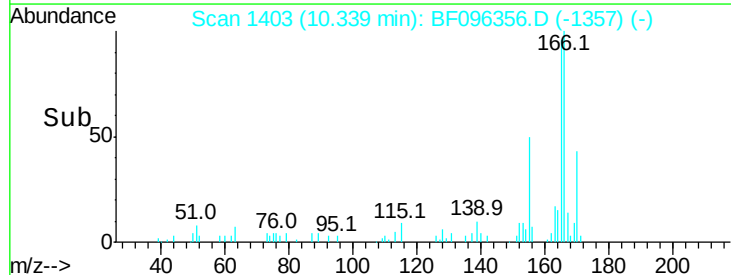
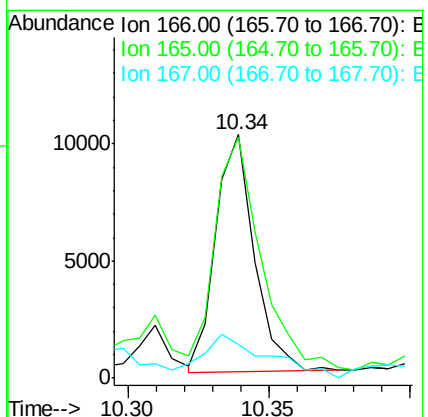
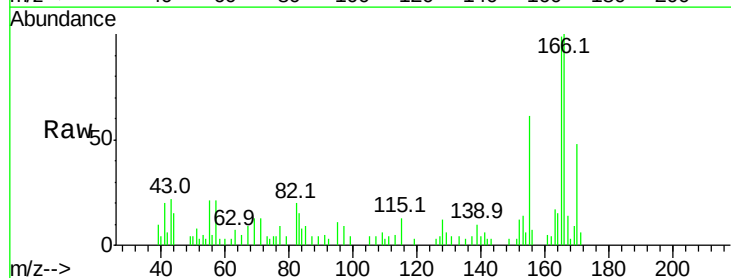
Instrument :
BNA_F
ClientSampleId :

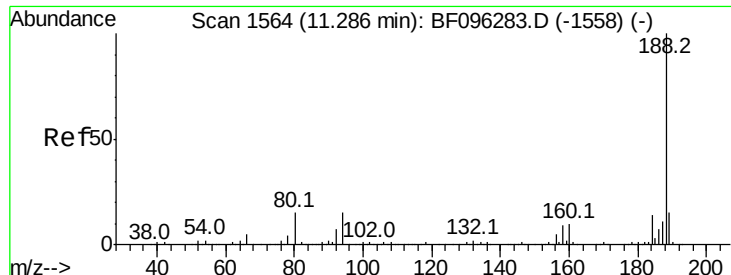
Tot Ion:165 Resp: 25968
Ion Ratio Lower Upper
165 100
63 2.1 25.4 38.0#
89 1.7 46.4 69.6#
182 0.0 1.8 2.6#



#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Tgt Ion:166 Resp: 9629
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 14.0 10.6 16.0

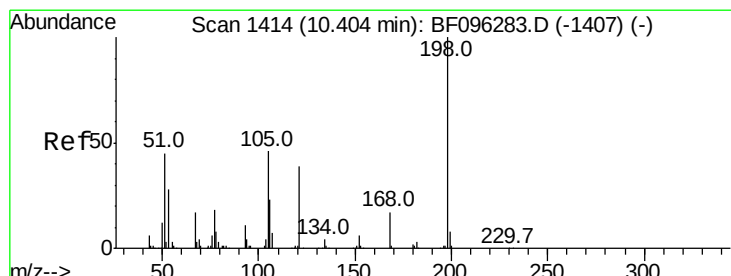
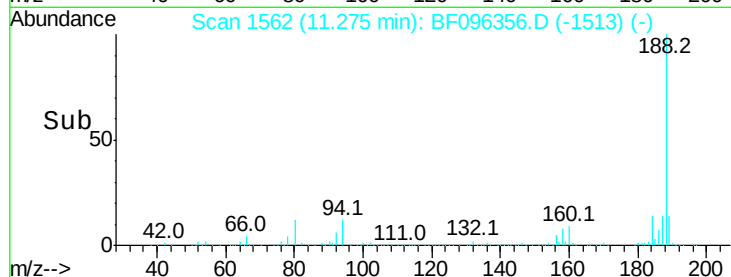
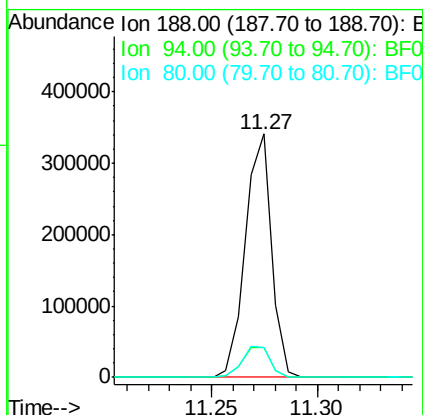
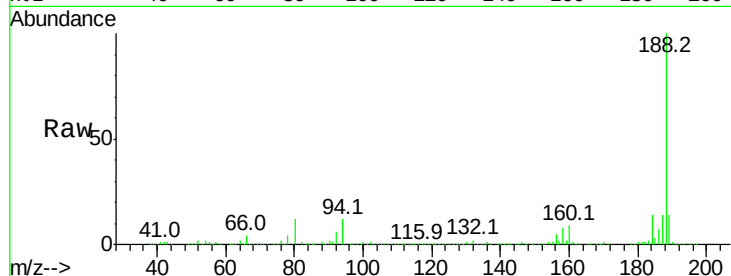




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

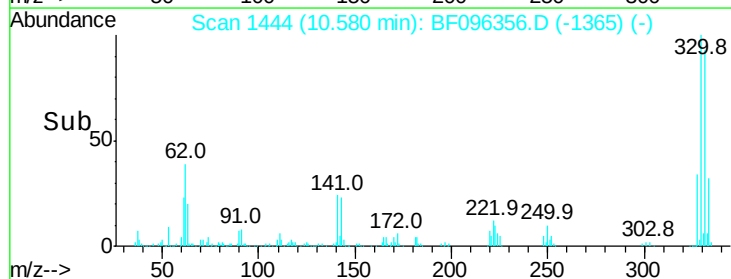
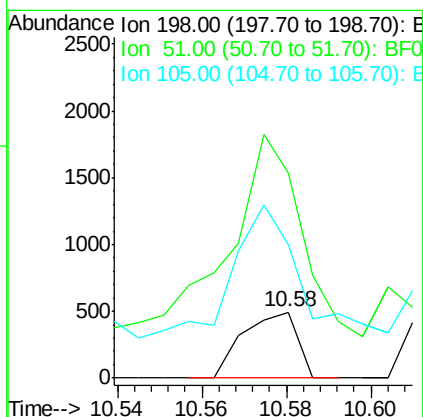
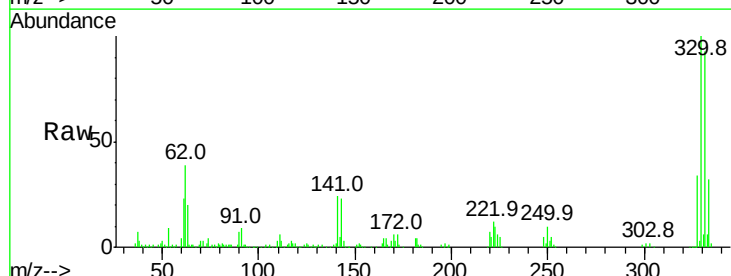
Instrument :
BNA_F
ClientSampleId :

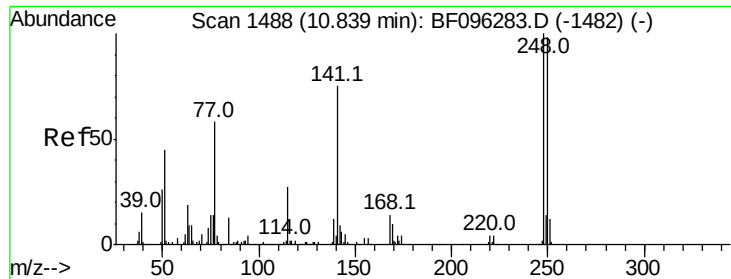
Tot Ion:188 Resp: 293134
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 12.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.98 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.17 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Tgt Ion:198 Resp: 441
Ion Ratio Lower Upper
198 100
51 309.1 53.2 93.2#
105 201.6 45.8 85.8#

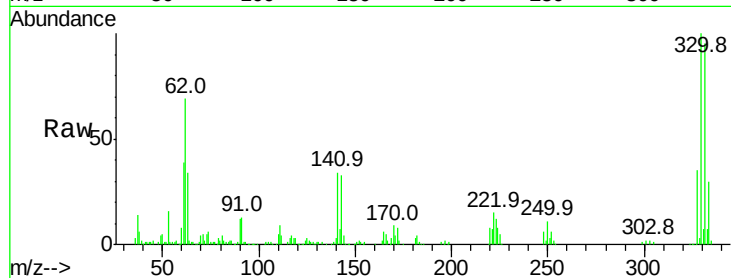




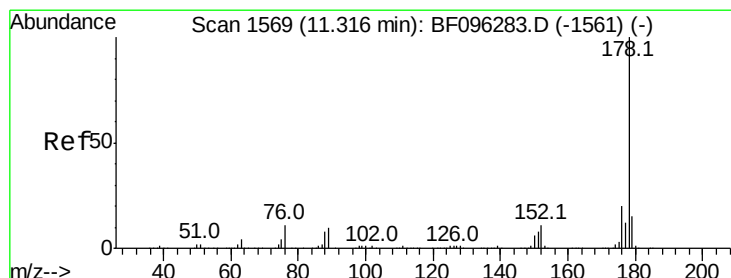
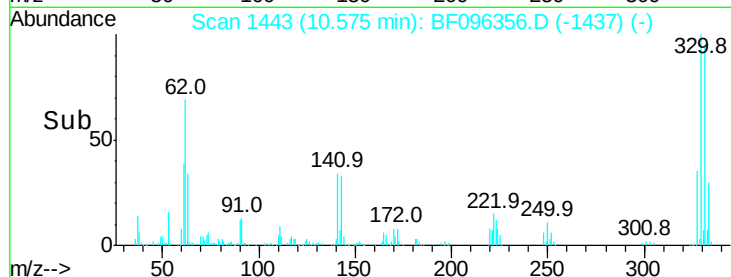
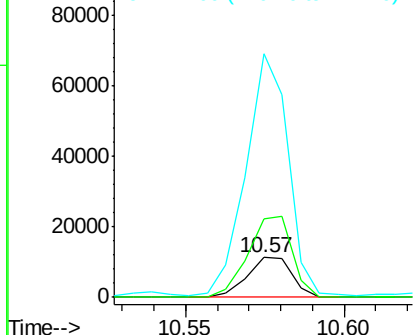
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.26 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10997
 Ion Ratio Lower Upper
 248 100
 250 197.4 76.8 115.2#
 141 612.6 68.6 103.0#

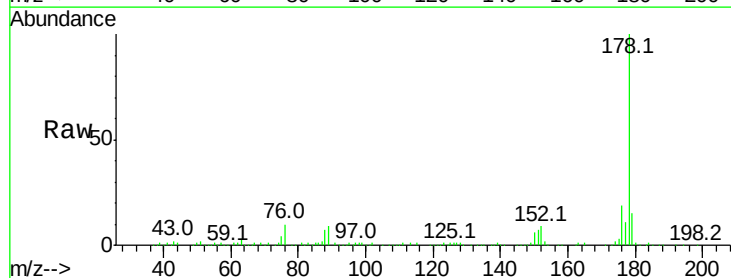


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

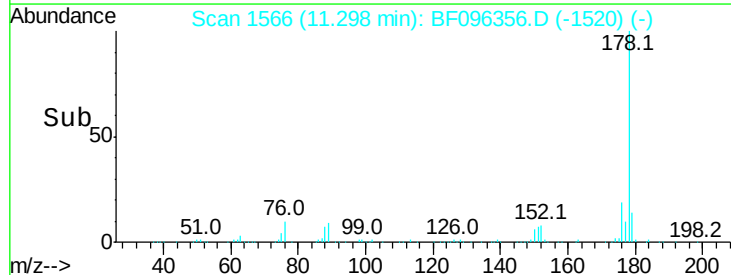
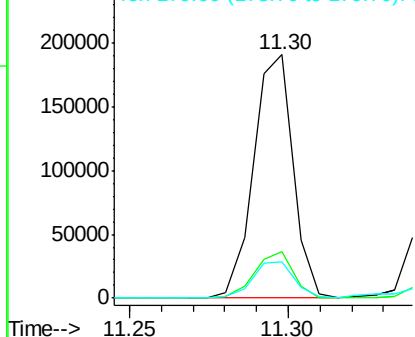


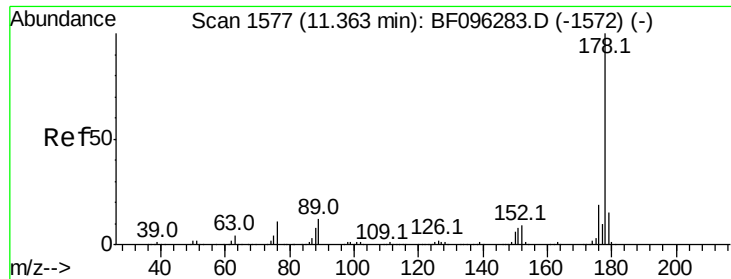
#70
 Phenanthrene
 Concen: 4.35 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion:178 Resp: 165816
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 14.8 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

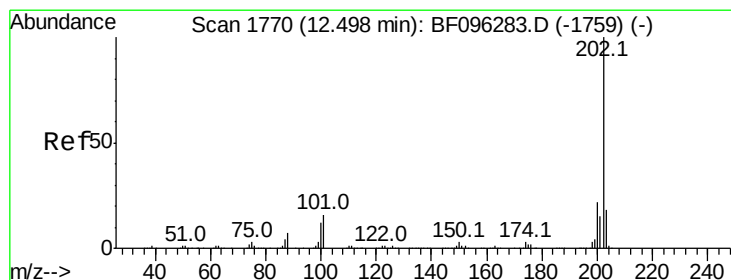
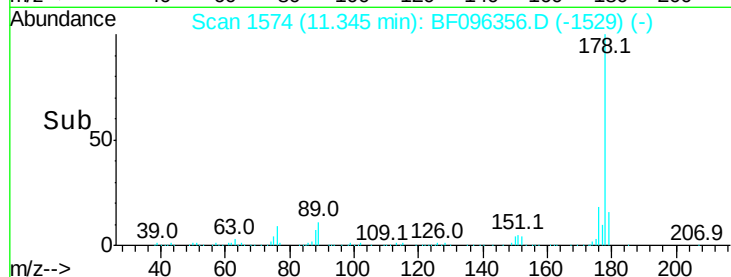
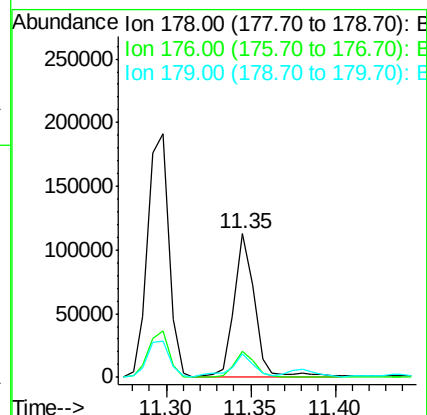
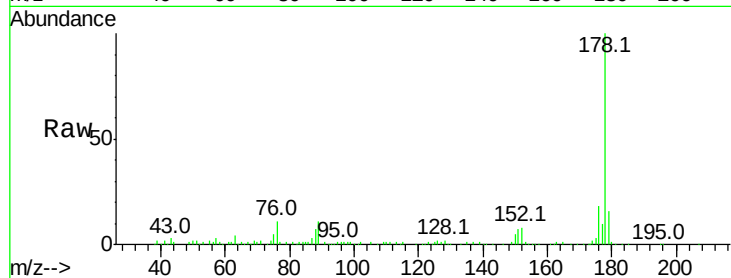




#71
 Anthracene
 Concen: 5.76 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

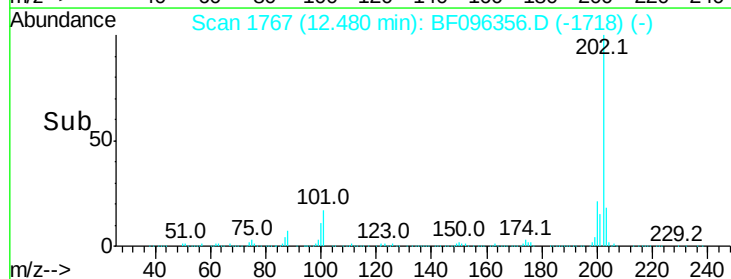
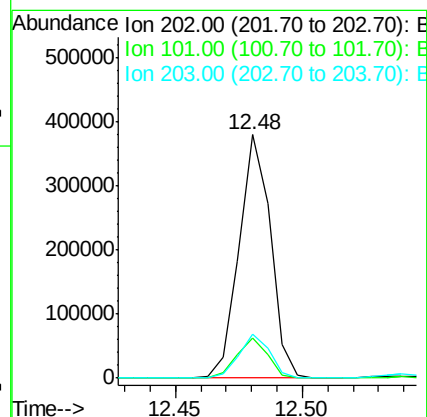
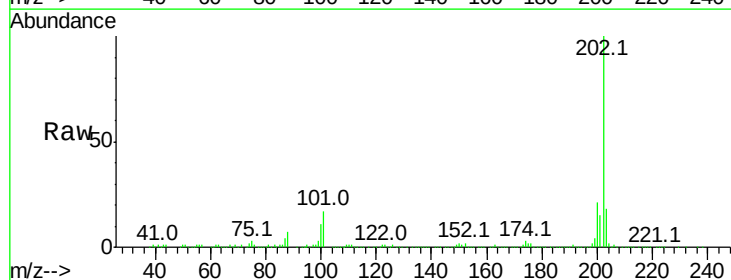
Instrument :
 BNA_F
 ClientSampleId :

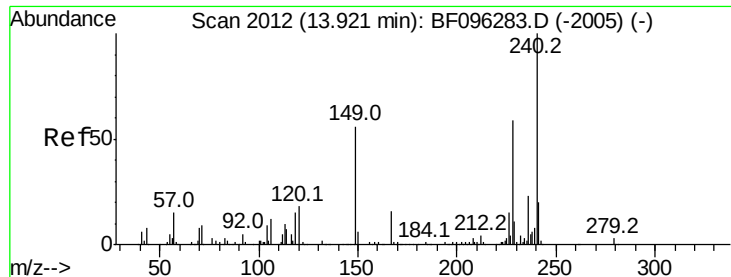
Tot Ion:178 Resp: 94400
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.8 23.8
 179 16.2 12.7 19.1



#74
 Fluoranthene
 Concen: 20.01 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion:202 Resp: 325776
 Ion Ratio Lower Upper
 202 100
 101 16.5 0.0 33.2
 203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

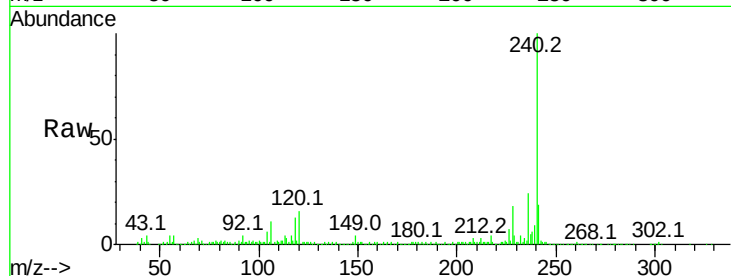
Tot Ion:240 Resp: 285403

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

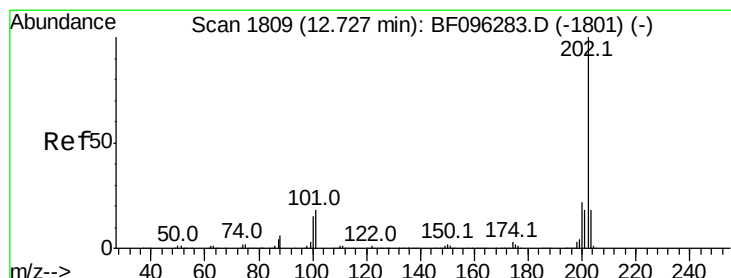
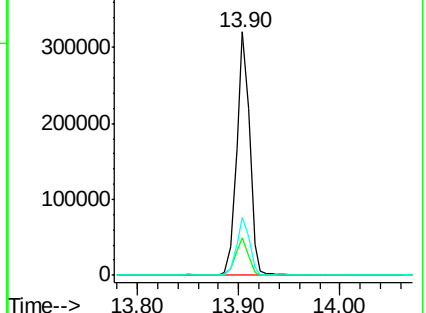
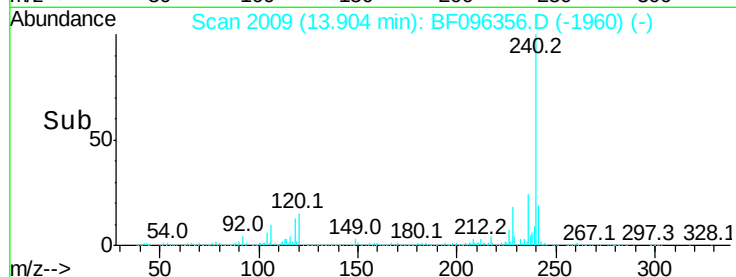
236 23.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 14.53 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

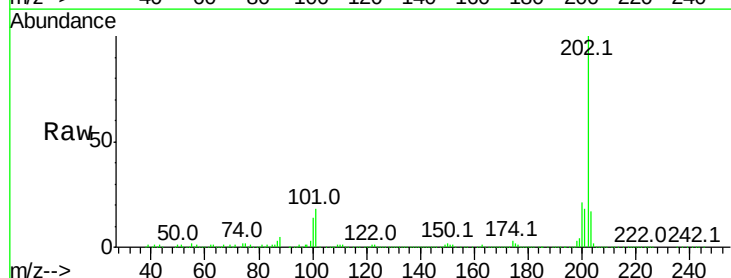
Tgt Ion:202 Resp: 340844

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

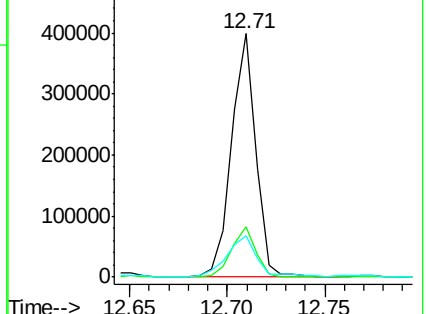
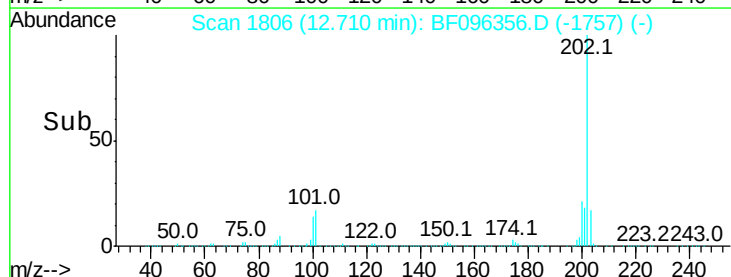
203 17.3 14.4 21.6

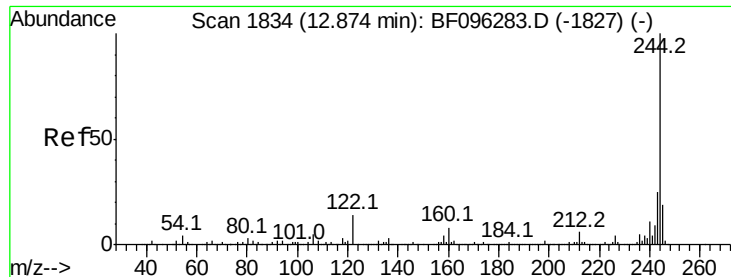


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

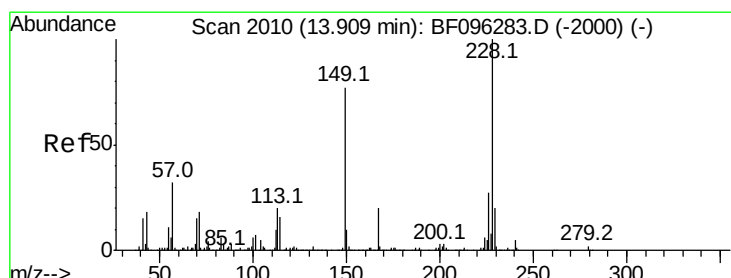
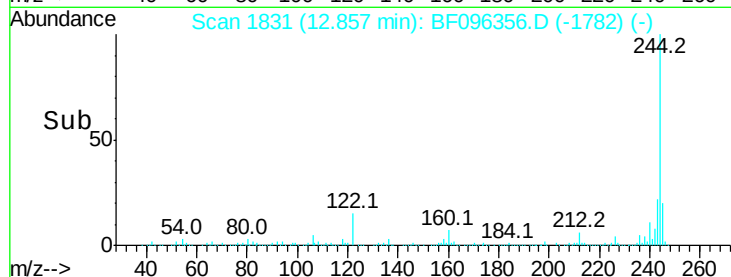
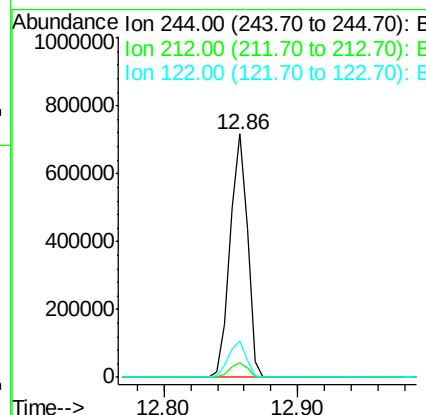
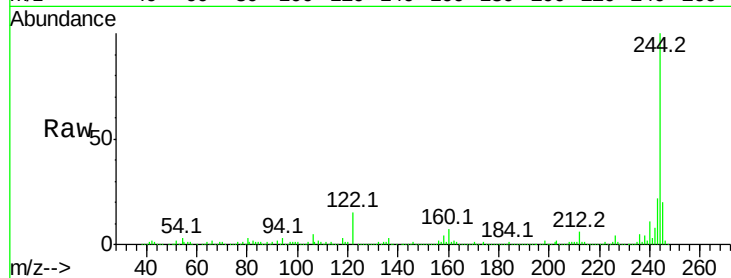




#78
 Terphenyl-d14
 Concen: 58.26 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

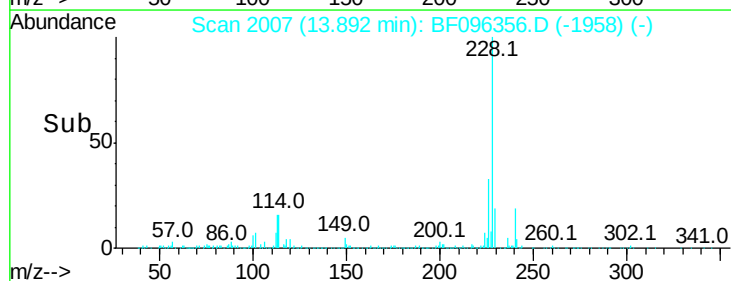
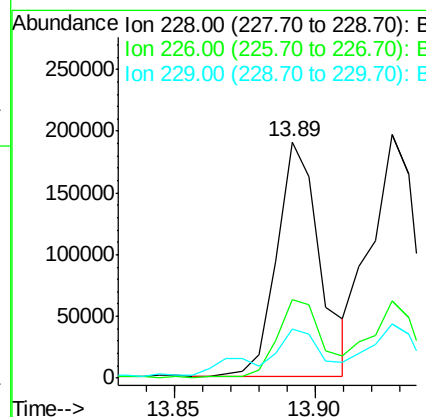
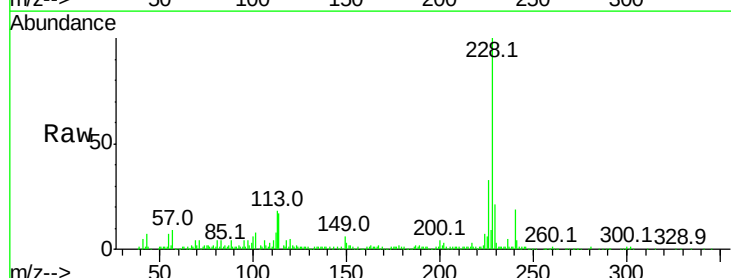
Instrument :
 BNA_F
 ClientSampled :

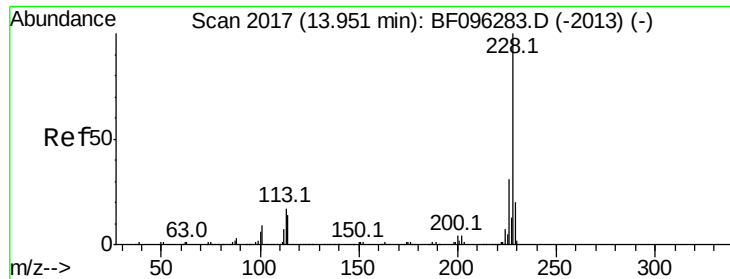
Tot Ion:244 Resp: 666376
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.0 9.0
 122 14.8 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 11.60 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF096356.D
 Acq: 1 Jul 2017 00:32

Tgt Ion:228 Resp: 201842
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.6 33.8
 229 20.6 16.3 24.5





#82

Chrysene

Concen: 11.82 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

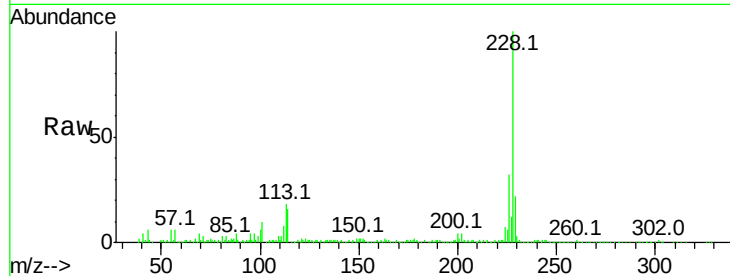
Tot Ion:228 Resp: 212681

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

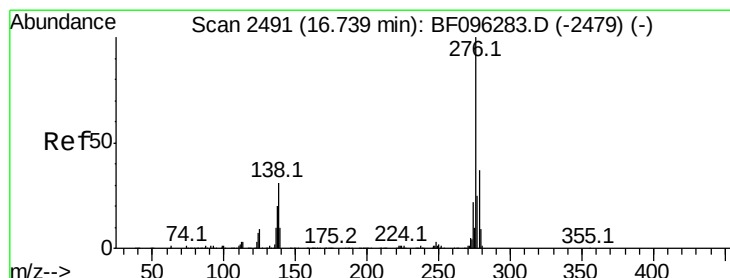
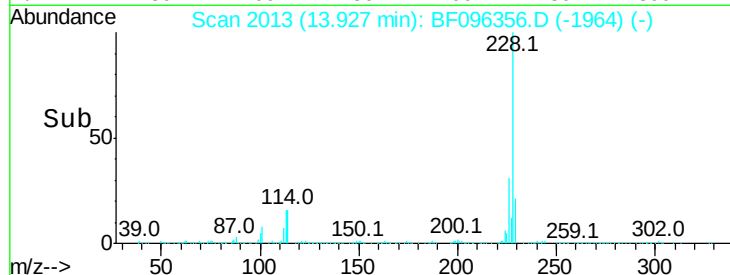
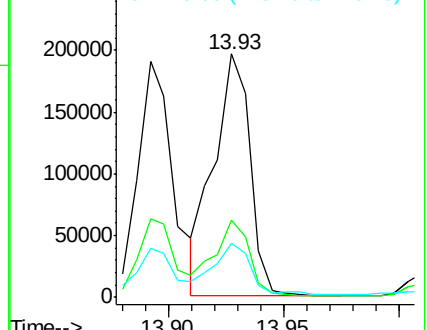
229 22.3 15.8 23.6



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: 7.01 ng

RT: 16.70 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

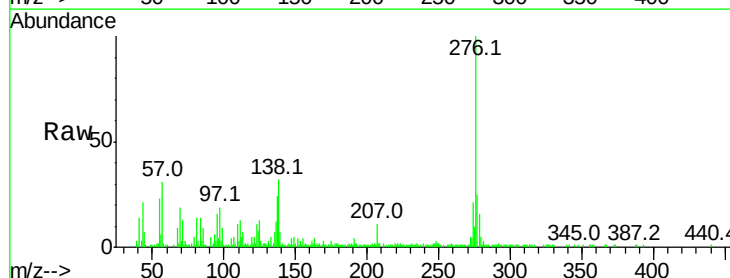
Tgt Ion:276 Resp: 104715

Ion Ratio Lower Upper

276 100

138 30.7 27.8 41.6

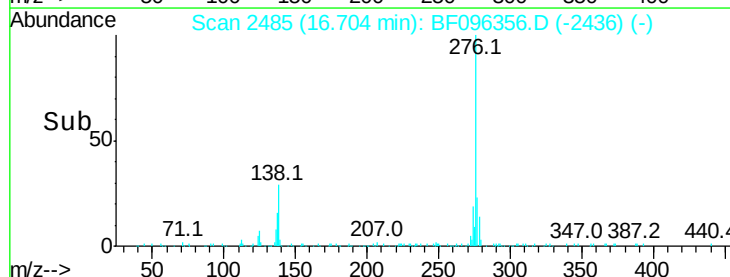
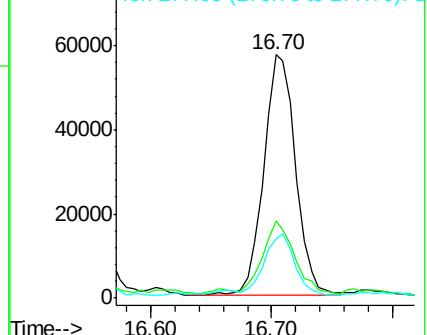
277 24.6 20.2 30.4

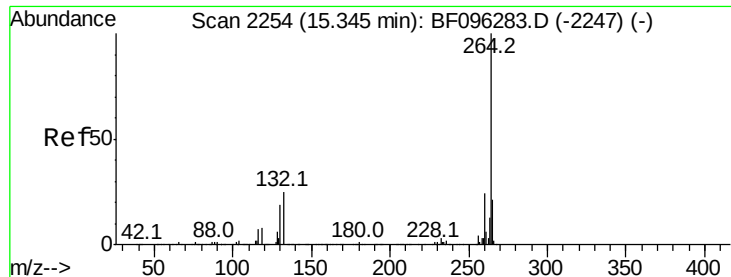


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



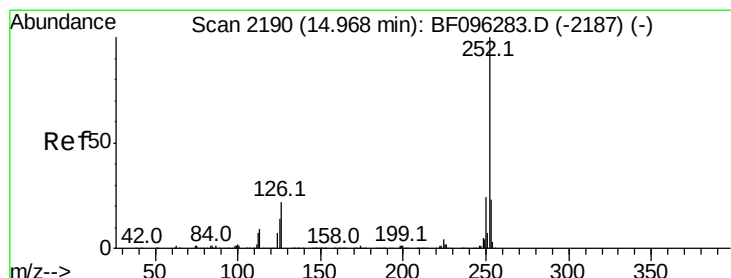
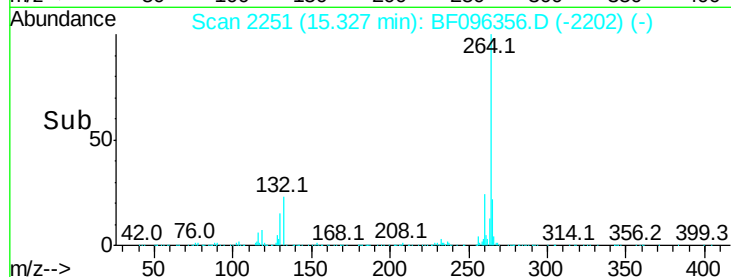
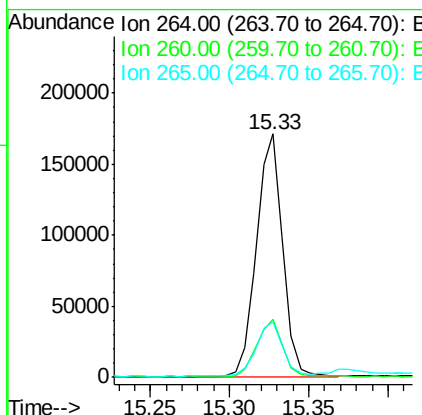
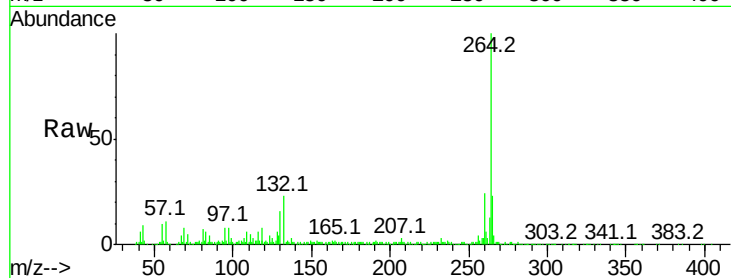


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 196740

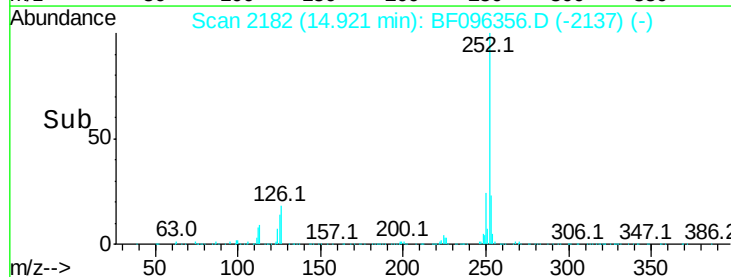
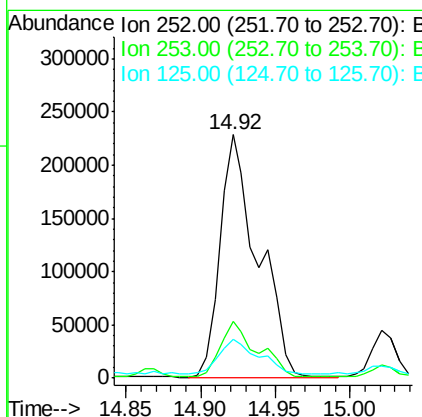
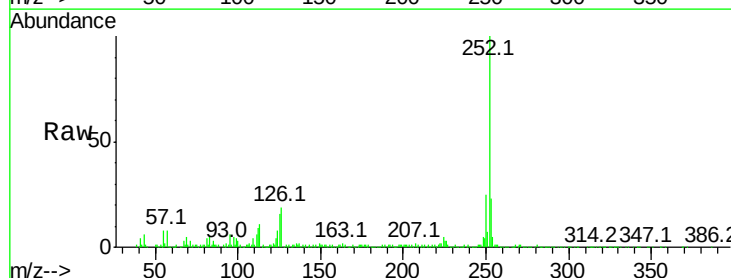
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.7	17.2	25.8

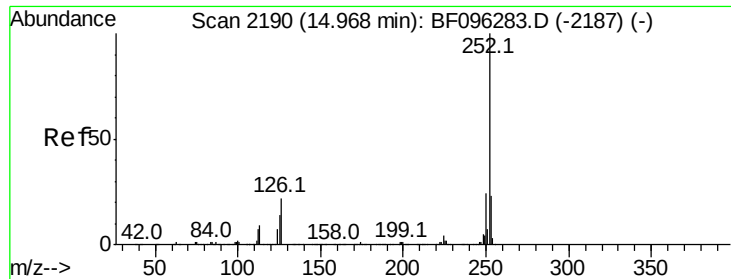


#87
Benzo(b)fluoranthene
Concen: 31.29 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Tgt Ion:252 Resp: 404392

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	16.1	9.8	14.8#

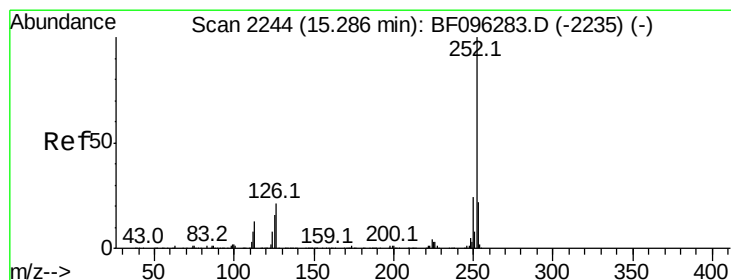
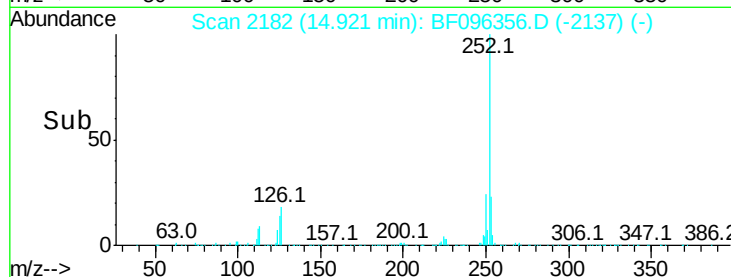
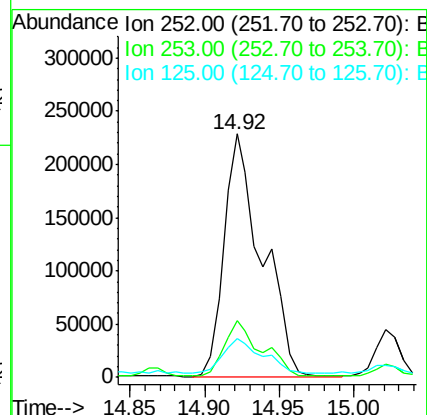
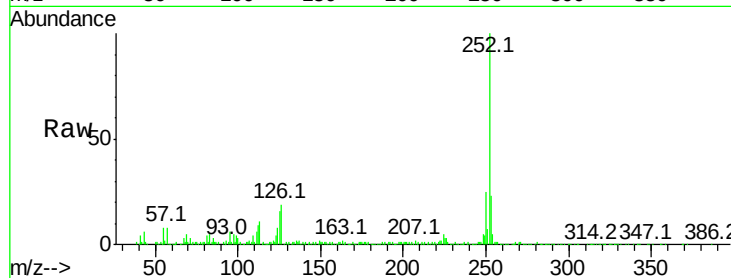




#88
Benzo(k)fluoranthene
Concen: 34.27 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

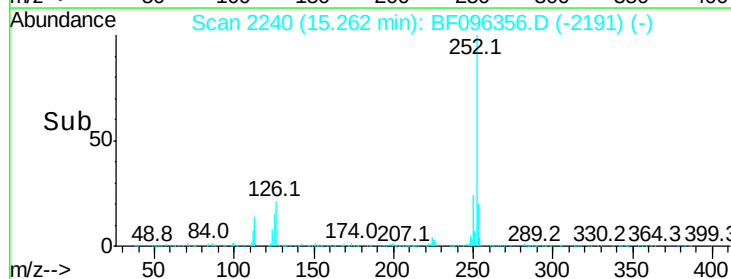
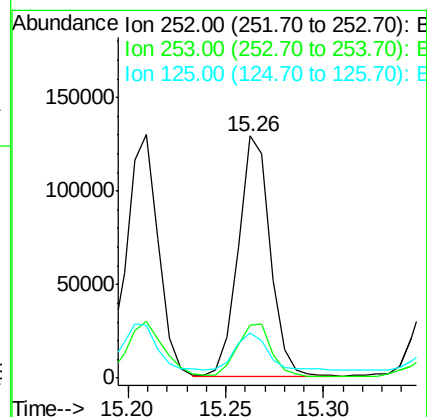
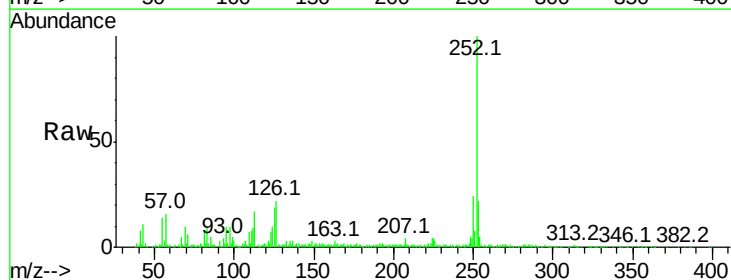
Instrument :
BNA_F
ClientSampleId :

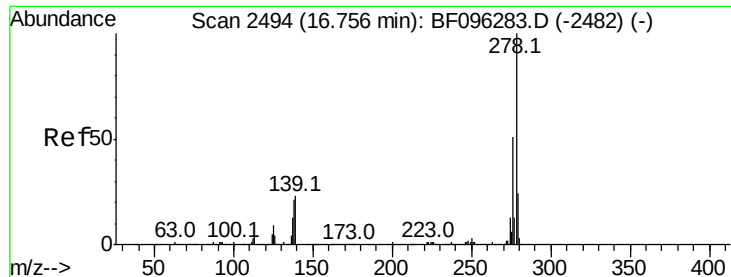
Tot Ion:252 Resp: 404392
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 16.1 13.1 19.7



#89
Benzo(a)pyrene
Concen: 12.70 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096356.D
Acq: 1 Jul 2017 00:32

Tgt Ion:252 Resp: 144962
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 18.6 11.0 16.4#





#90

Dibenzo(a,h)anthracene

Concen: 3.12 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

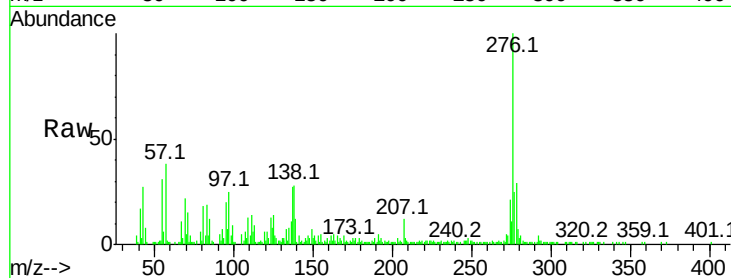
Tot Ion:278 Resp: 27875

Ion Ratio Lower Upper

278 100

139 41.7 16.6 24.8#

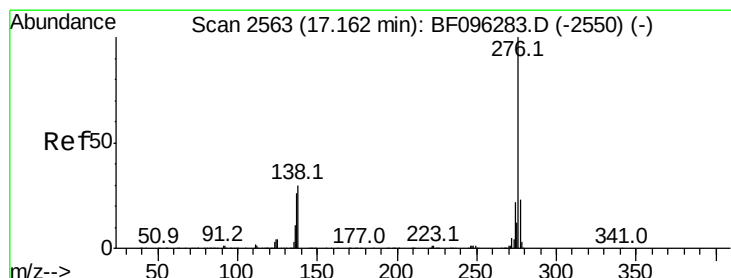
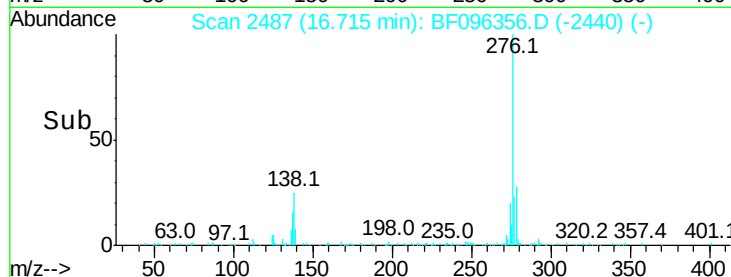
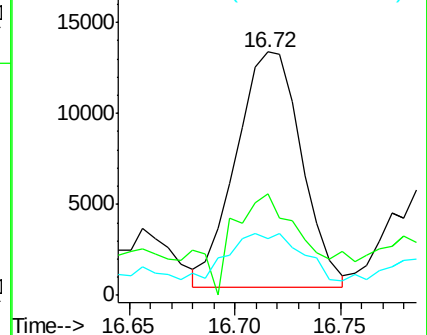
279 23.1 19.3 28.9



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: 10.44 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF096356.D

Acq: 1 Jul 2017 00:32

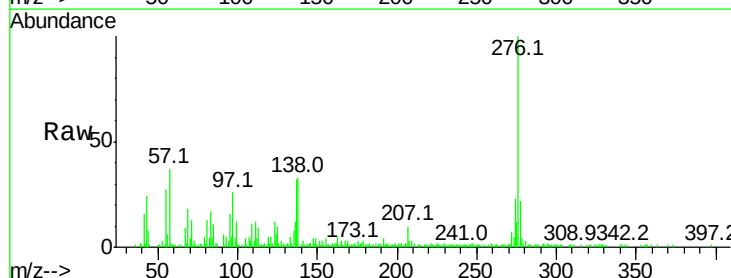
Tgt Ion:276 Resp: 97010

Ion Ratio Lower Upper

276 100

277 22.2 18.6 28.0

138 32.7 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

