

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099474.D
 Acq On : 14 Oct 2017 13:59
 Operator : SJ/JU
 Sample : I5819-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:02:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100802	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	412113	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185960	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	317287	20.00	ng	0.00
75) Chrysene-d12	14.02	240	194114	20.00	ng	0.00
86) Perylene-d12	15.49	264	149551	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	541694	85.55	ng	0.02
7) Phenol-d6	6.49	99	426617	54.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	672170	104.60	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	232854	153.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1242924	111.58	ng	0.00
78) Terphenyl-d14	12.96	244	982283	115.08	ng	0.00

Target Compounds

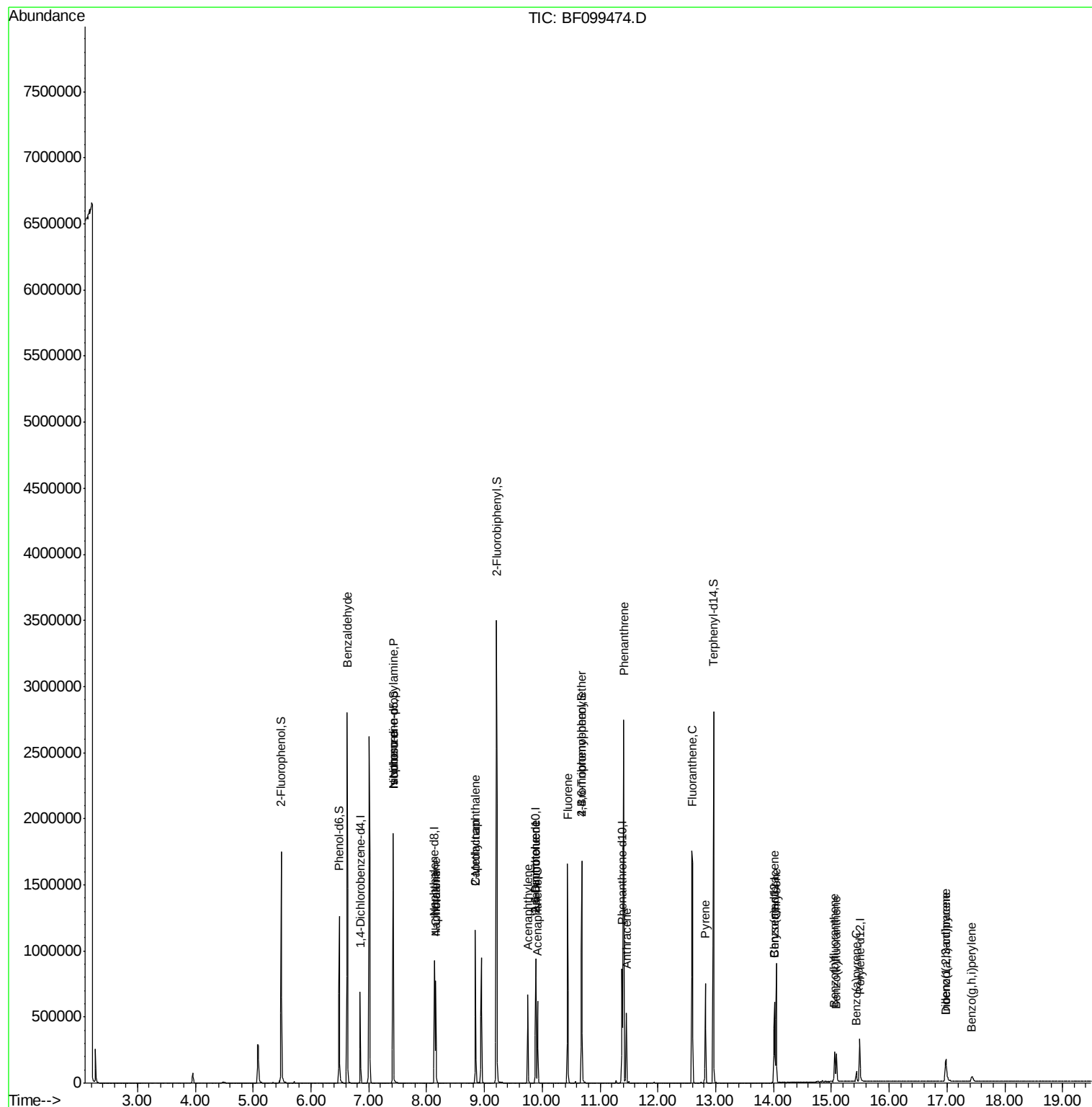
						Qvalue
9) Benzaldehyde	6.63	77	15695	3.464	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	85212	17.086	ng	# 73
25) Isophorone	7.42	82	672162	50.591	ng	# 64
31) Naphthalene	8.16	128	350417	18.104	ng	99
33) 4-Chloroaniline	8.16	127	45435	5.621	ng	# 35
35) Caprolactam	8.85	113	6498	3.564	ng	# 1
37) 2-Methylnaphthalene	8.85	142	327329	26.014	ng	99
48) Acenaphthylene	9.75	152	272005	14.807	ng	99
50) 2,6-Dinitrotoluene	9.89	165	23518	7.697	ng	# 24
51) Acenaphthene	9.92	154	130574	11.221	ng	99
56) 2,4-Dinitrotoluene	9.89	165	23518	5.931	ng	# 21
57) Fluorene	10.44	166	442230	35.513	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	15264	4.915	ng	# 1
70) Phenanthrene	11.41	178	1139128	67.073	ng	99
71) Anthracene	11.46	178	218353	12.565	ng	98
74) Fluoranthene	12.59	202	742831	43.194	ng	99
77) Pyrene	12.82	202	284150	19.197	ng	99
80) Benzo(a)anthracene	14.01	228	90202	7.674	ng	97
82) Chrysene	14.04	228	296776	26.521	ng	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	103930	11.610	ng	98
87) Benzo(b)fluoranthene	15.06	252	104133	11.325	ng	99
88) Benzo(k)fluoranthene	15.09	252	96779	10.656	ng	97
89) Benzo(a)pyrene	15.43	252	43702	5.178	ng	98
90) Dibenzo(a,h)anthracene	16.99	278	61646	9.126	ng	96
91) Benzo(g,h,i)perylene	17.43	276	36907	5.528	ng	97

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

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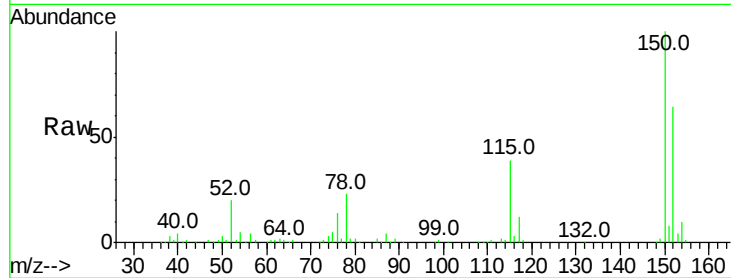


#1

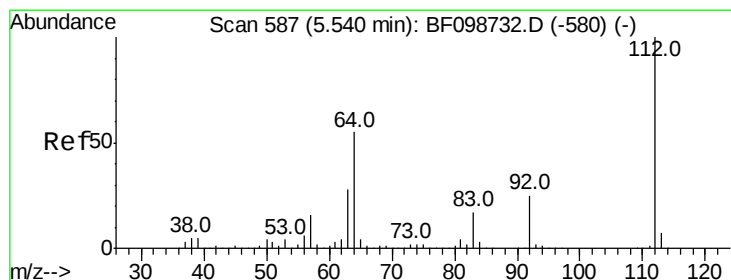
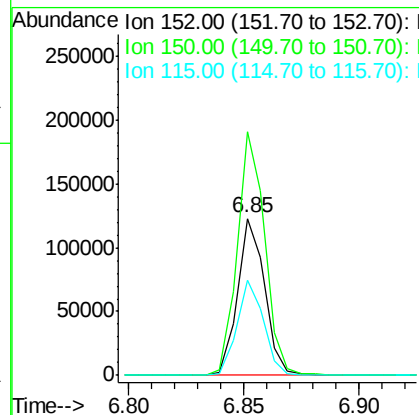
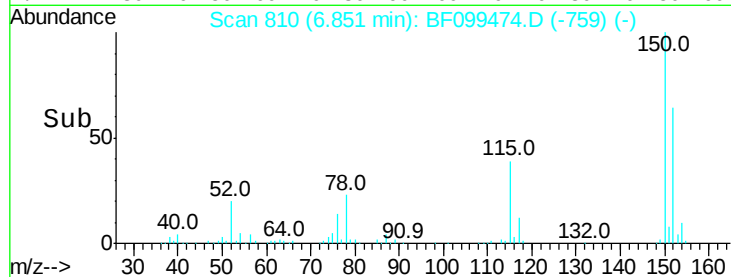
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100802
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 60.8 50.1 75.1



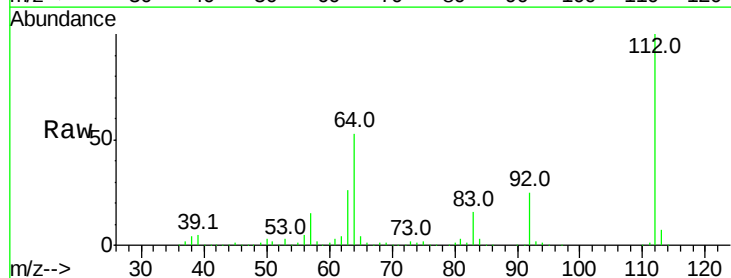
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



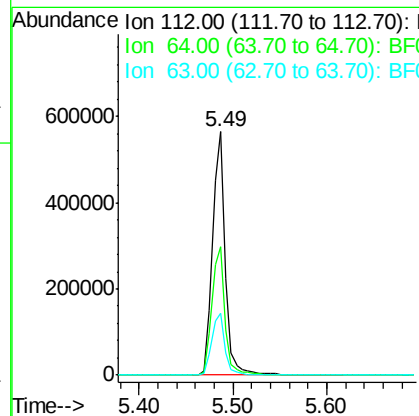
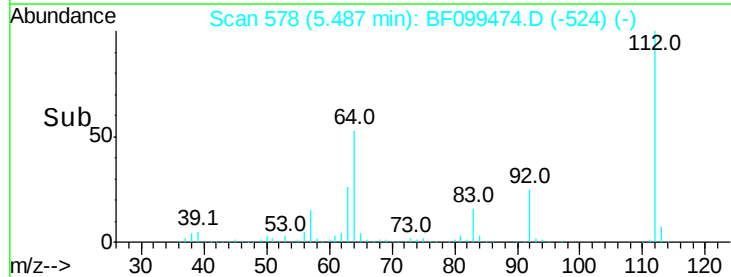
#5

2-Fluorophenol
Concen: 85.546 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion:112 Resp: 541694
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 25.5 23.7 35.5



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: 54.614 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

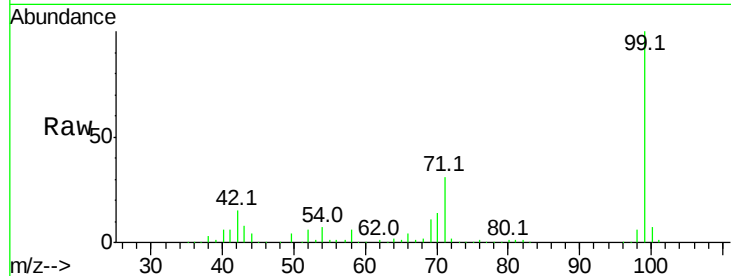
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 426617

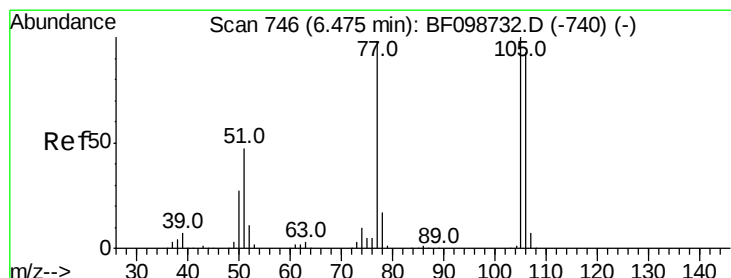
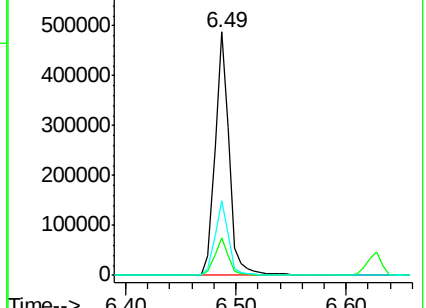
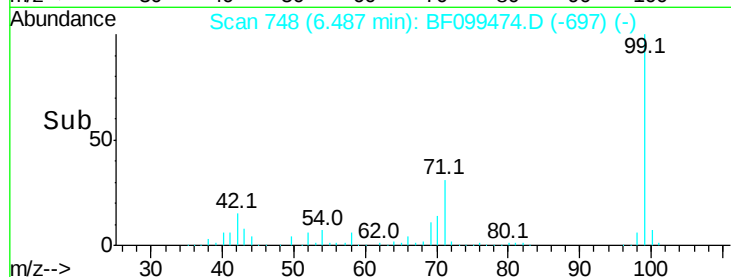
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	30.9	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.464 ng

RT: 6.63 min Scan# 772

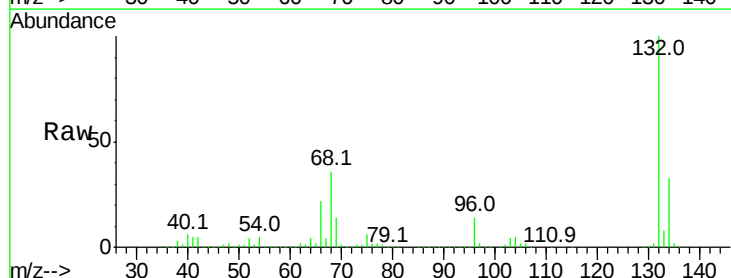
Delta R.T. 0.22 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Tgt Ion: 77 Resp: 15695

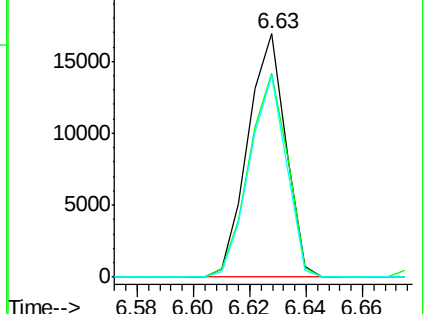
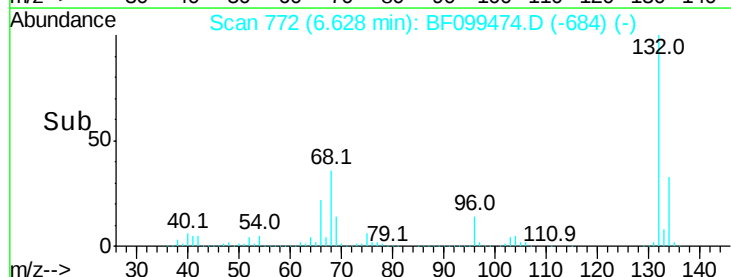
Ion	Ratio	Lower	Upper
77	100		
105	84.0	81.1	121.1
106	82.5	74.5	114.5

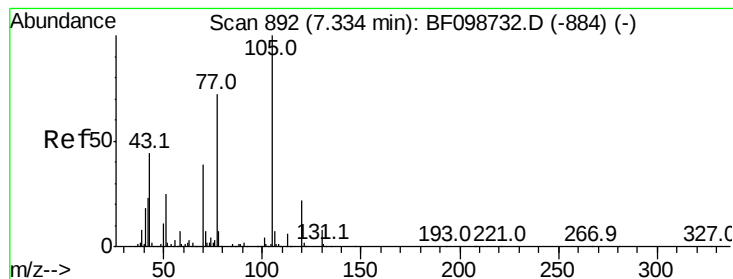


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 17.086 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 85212

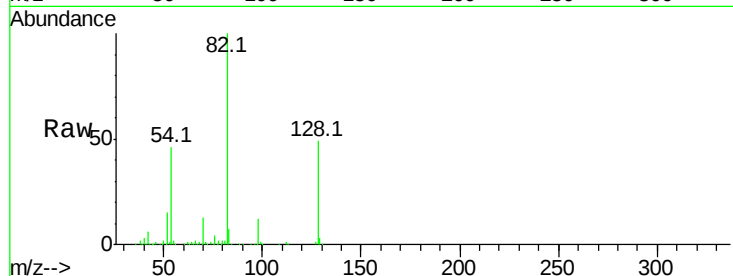
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

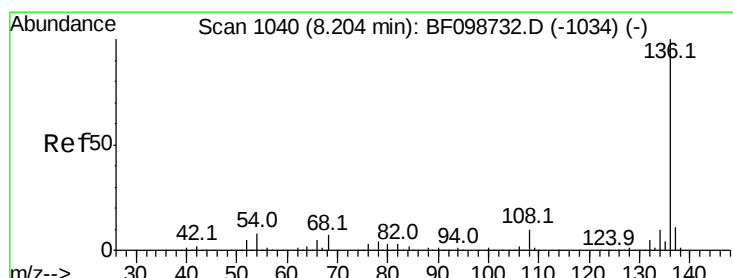
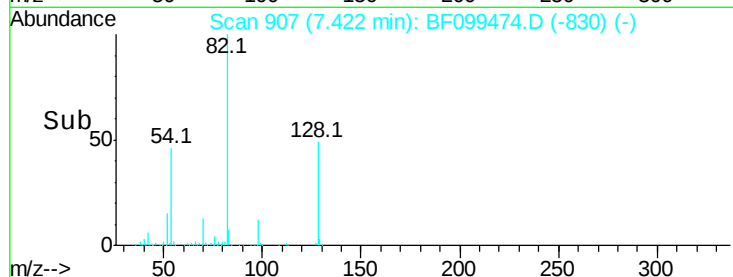
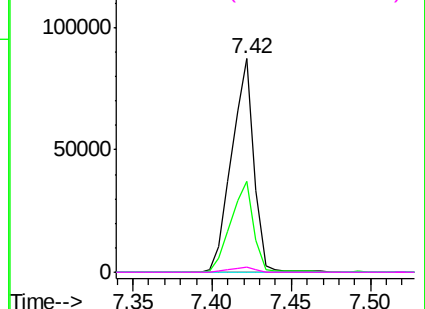


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Tgt Ion: 136 Resp: 412113

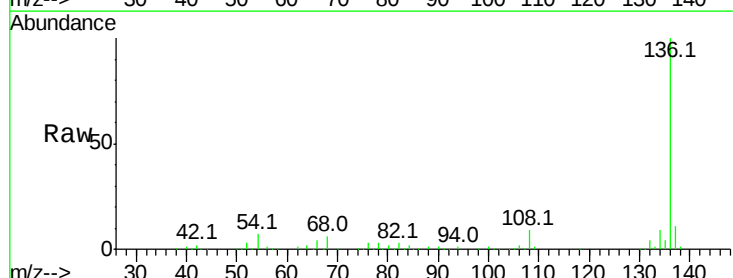
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

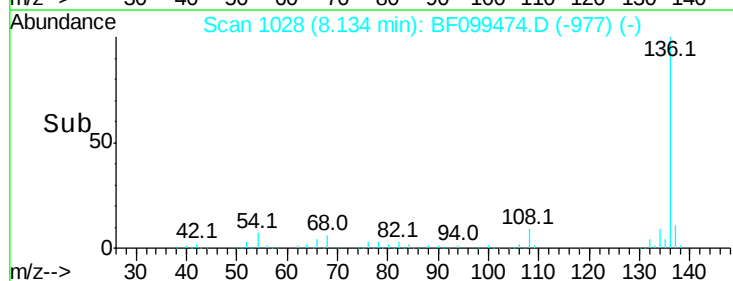
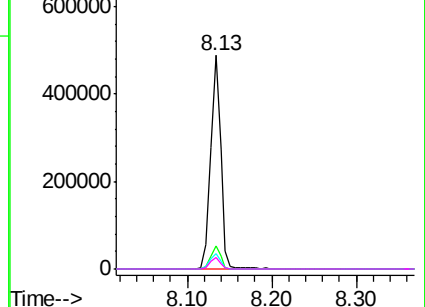


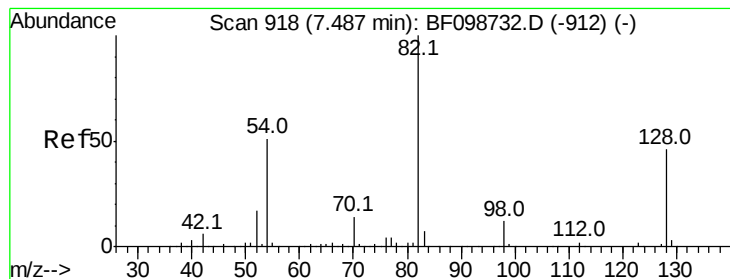
Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.598 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Instrument :

BNA_F

ClientSampled :

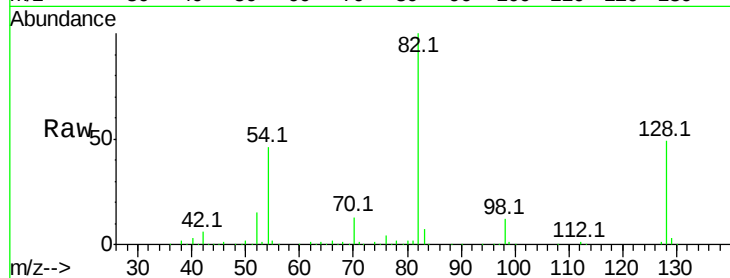
Tot Ion: 82 Resp: 672170

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

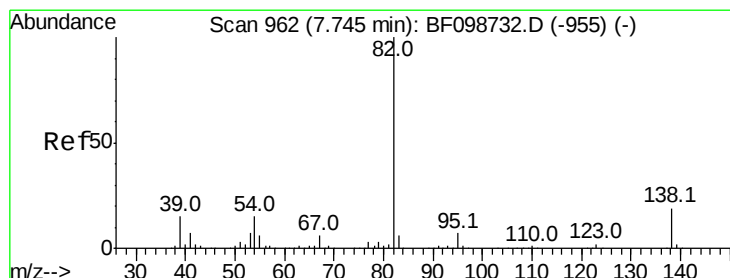
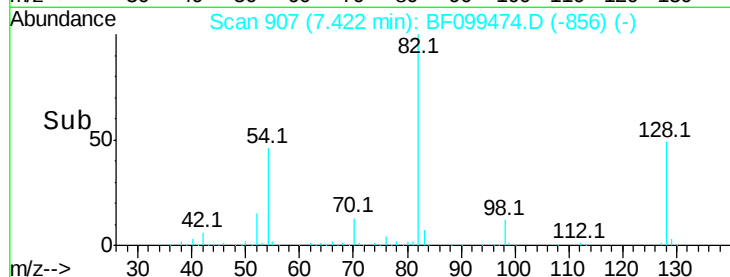
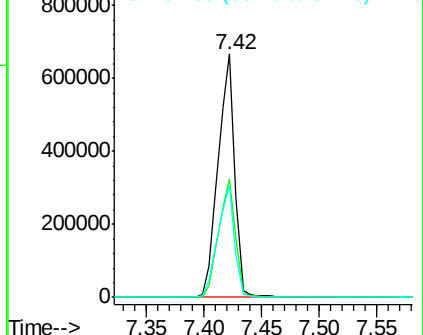
54 45.8 41.4 62.2



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: 50.591 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

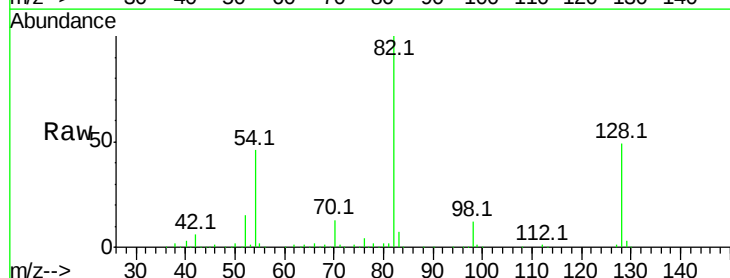
Tgt Ion: 82 Resp: 672162

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

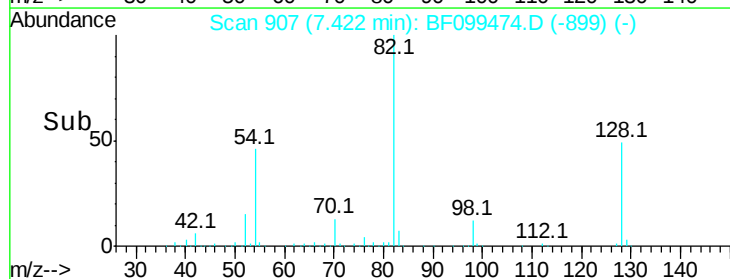
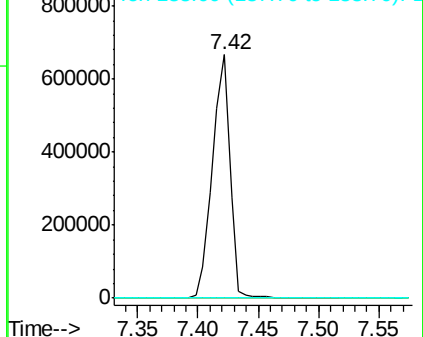
138 0.0 14.9 22.3#

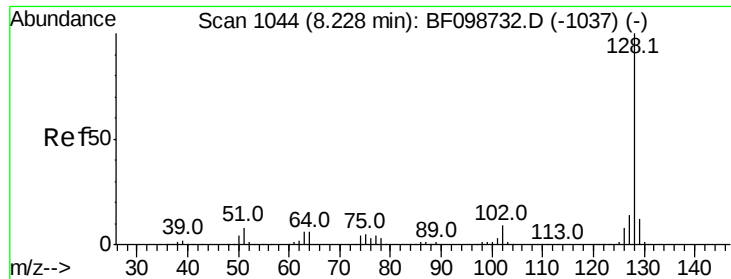


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

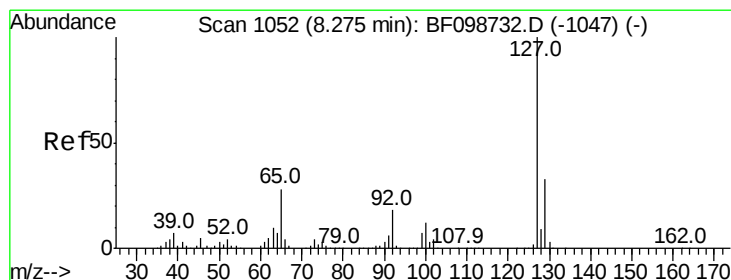
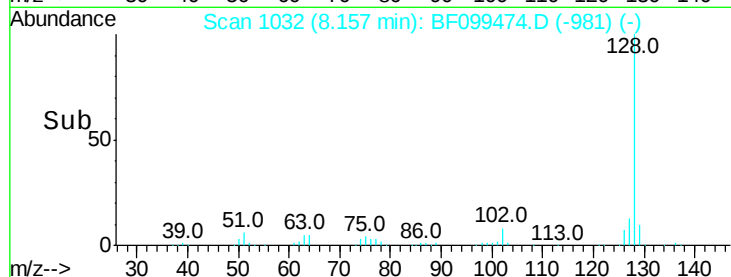
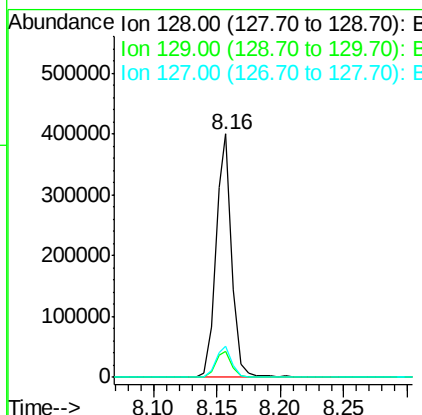
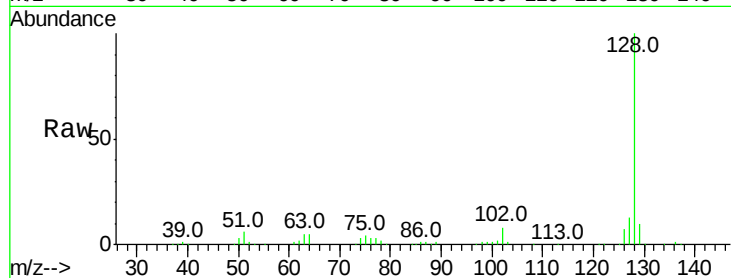




#31
Naphthalene
Concen: 18.104 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

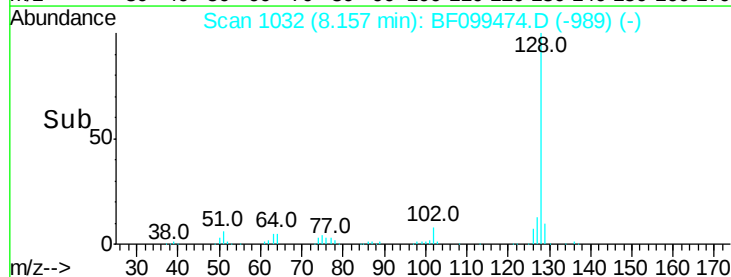
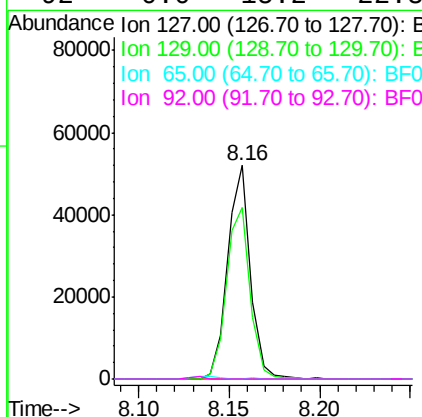
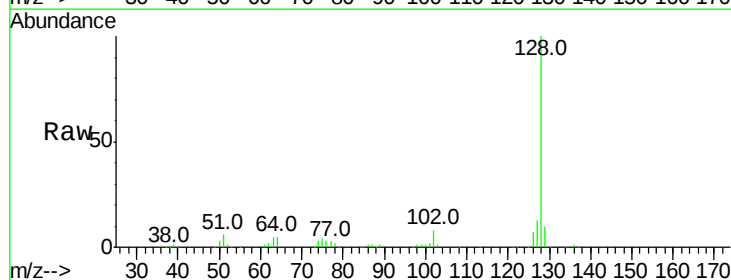
Instrument :
BNA_F
ClientSampled :

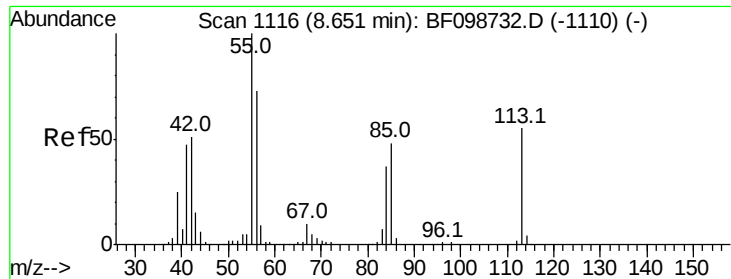
Tot Ion:128 Resp: 350417
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.0 10.9 16.3



#33
4-Chloroaniline
Concen: 5.621 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion:127 Resp: 45435
Ion Ratio Lower Upper
127 100
129 80.3 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

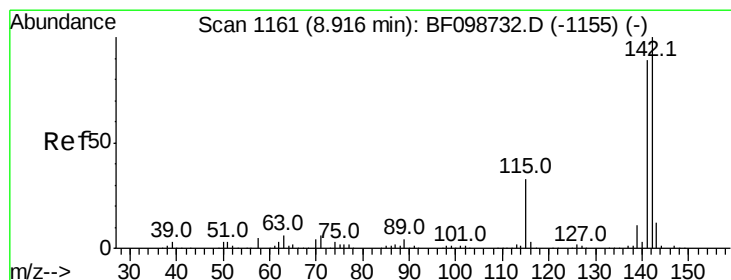
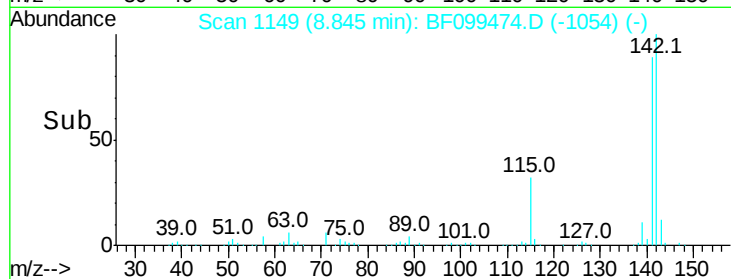
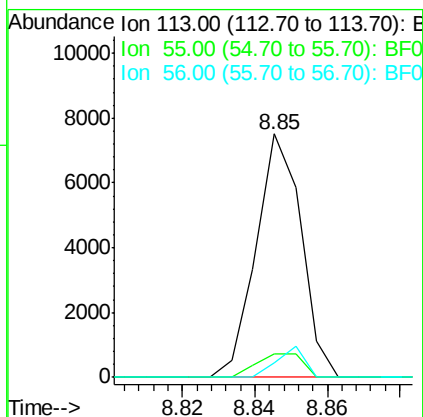
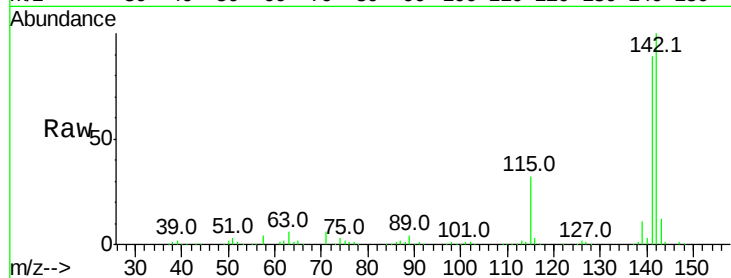




#35
 Caprolactam
 Concen: 3.564 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.26 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

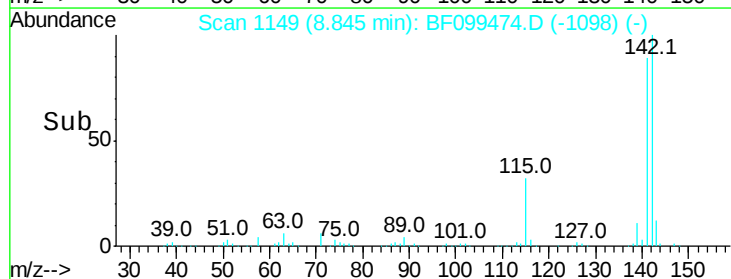
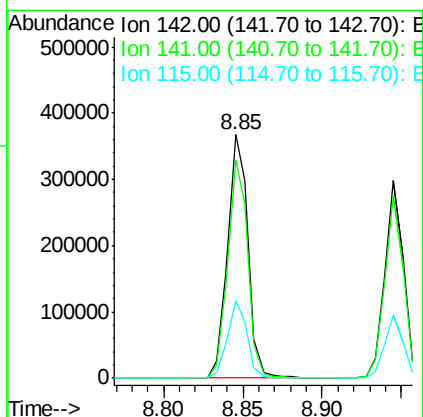
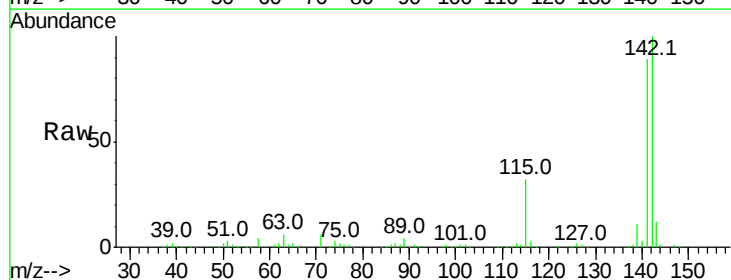
Instrument :
 BNA_F
 ClientSampled :

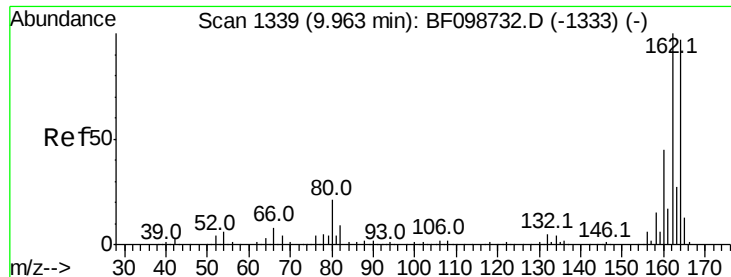
Tot Ion:113 Resp: 6498
 Ion Ratio Lower Upper
 113 100
 55 9.5 163.3 203.3#
 56 5.8 115.7 155.7#



#37
 2-Methylnaphthalene
 Concen: 26.014 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

Tgt Ion:142 Resp: 327329
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 31.9 26.1 39.1

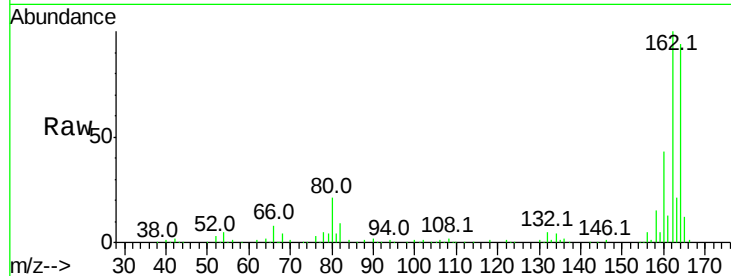




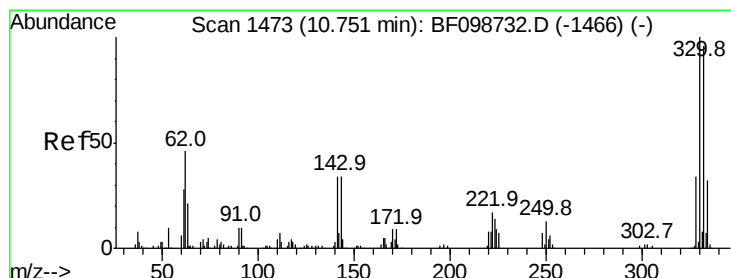
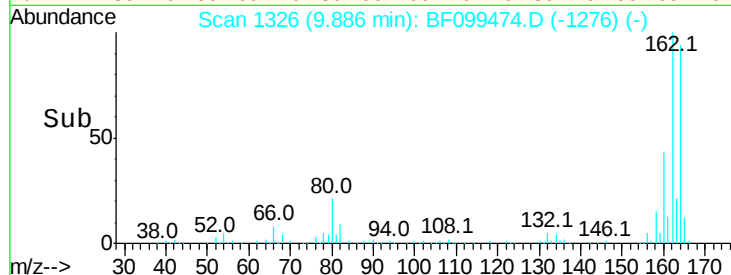
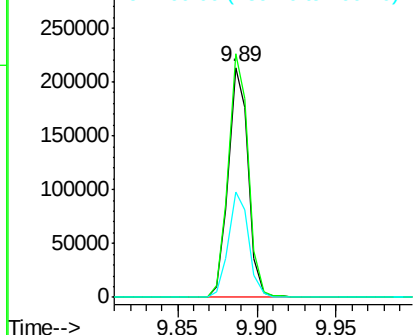
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	45.9	38.3	57.5

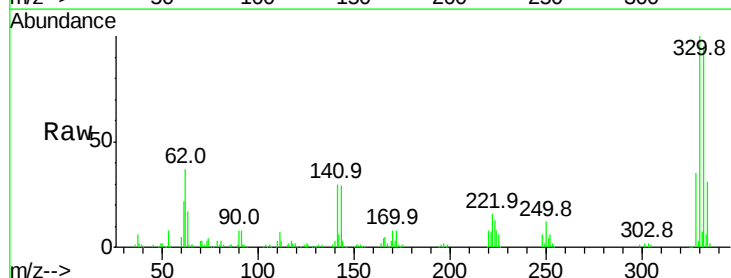


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

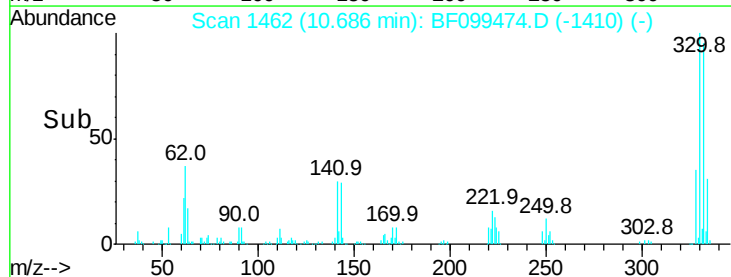
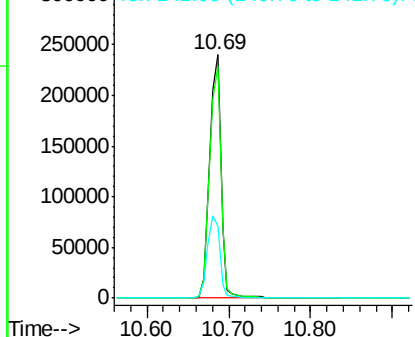


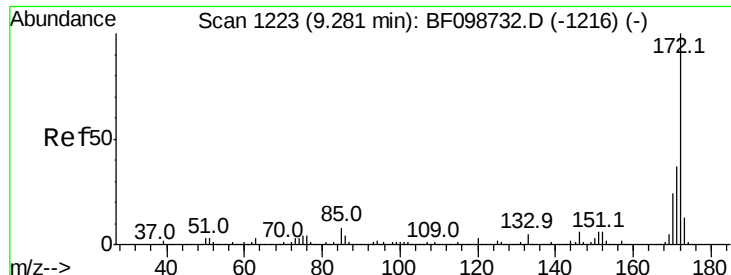
#41
2,4,6-Tribromophenol
Concen: 153.027 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.9	29.9	44.9



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



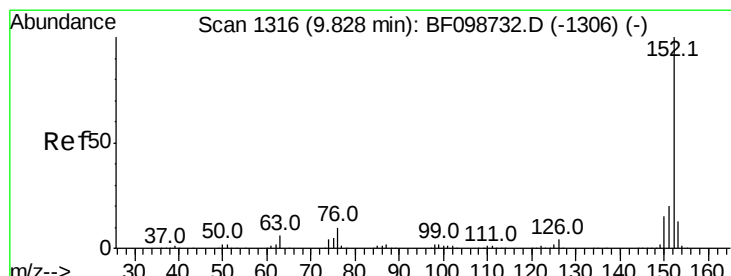
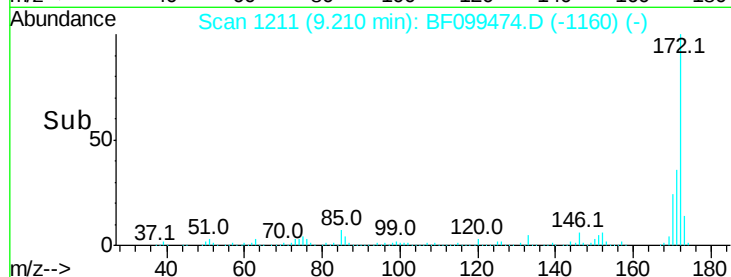
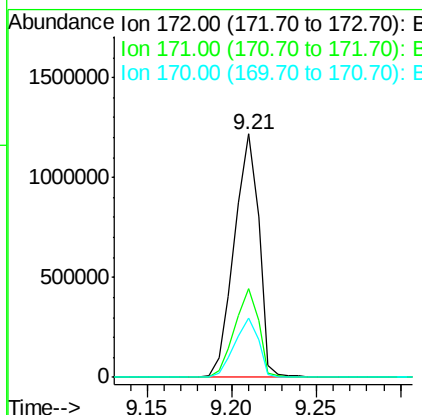
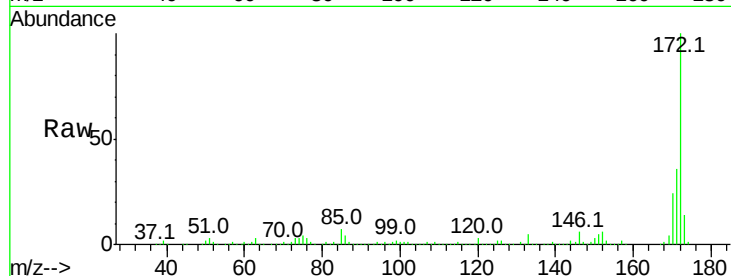


#44
 2-Fluorobiphenyl
 Concen: 111.581 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1242924

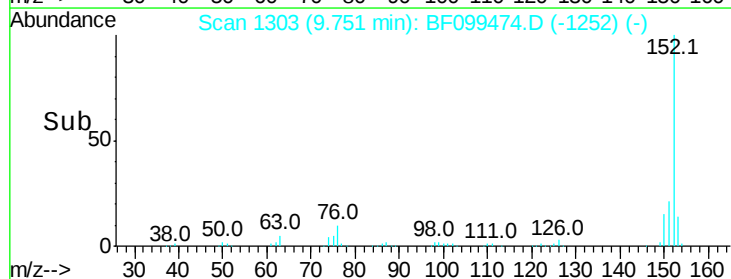
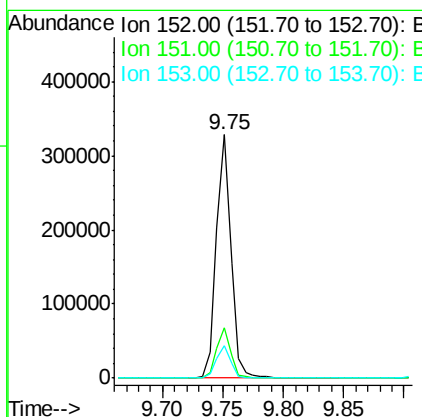
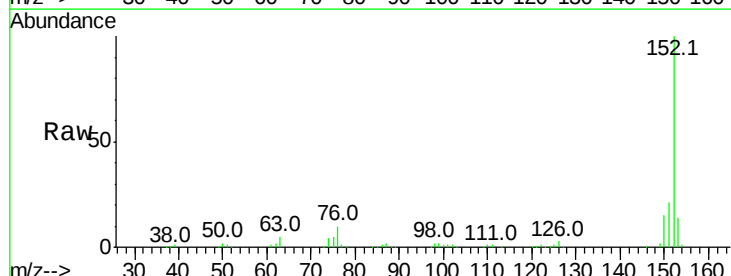
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

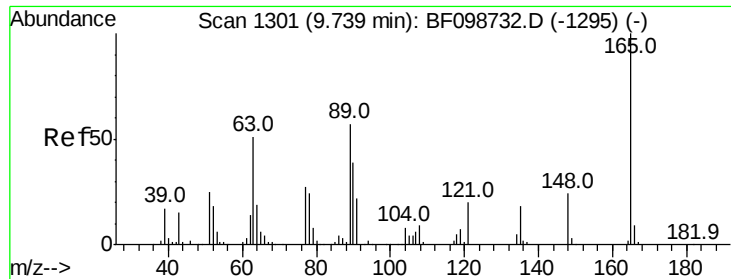


#48
 Acenaphthylene
 Concen: 14.807 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

Tgt Ion:152 Resp: 272005

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1

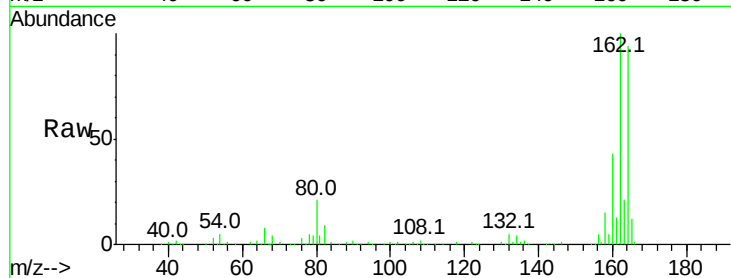




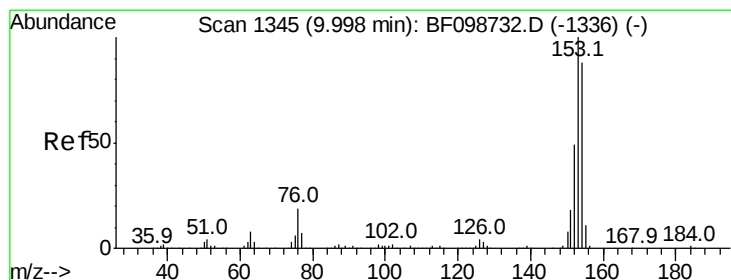
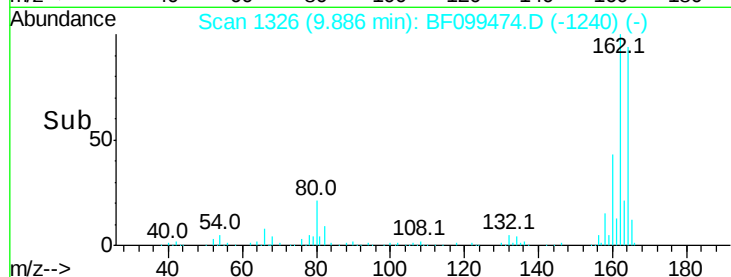
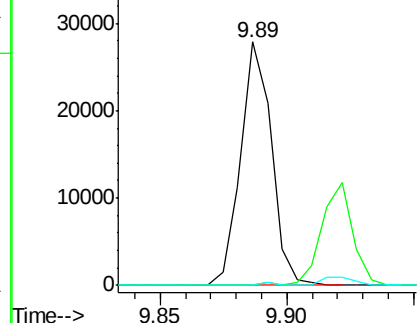
#50
2,6-Dinitrotoluene
Concen: 7.697 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 23518
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

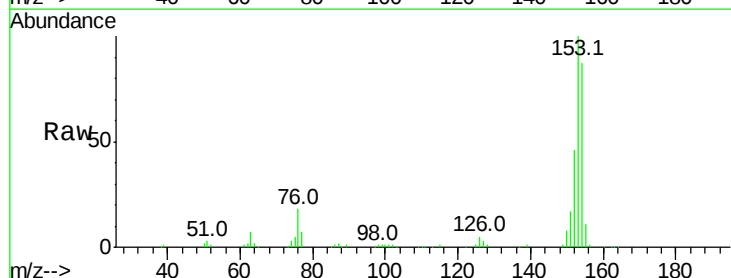


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

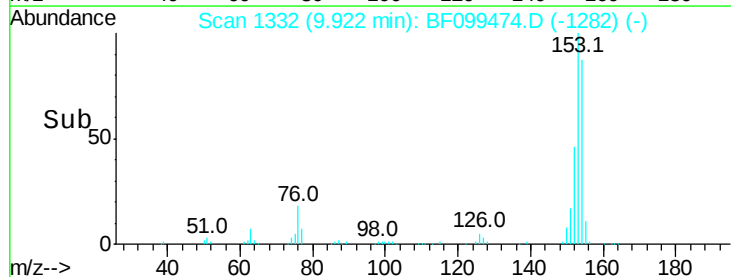
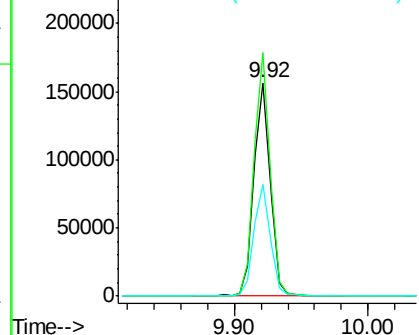


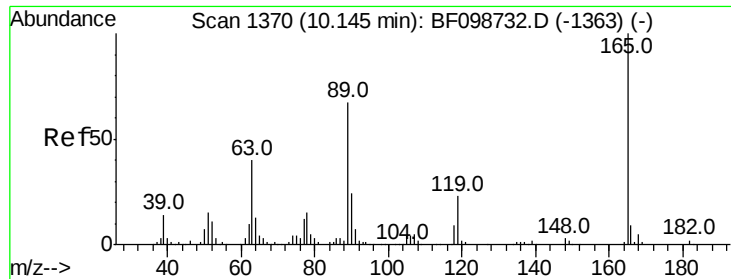
#51
Acenaphthene
Concen: 11.221 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion:154 Resp: 130574
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 52.4 43.8 65.8



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

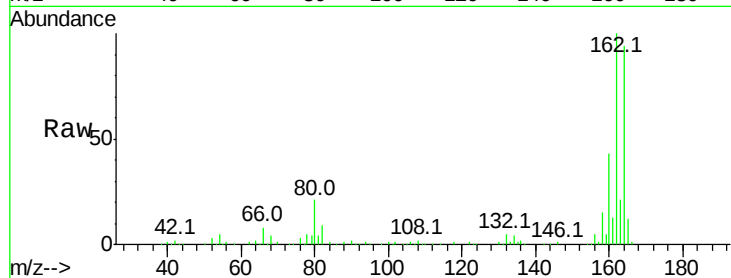




#56
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

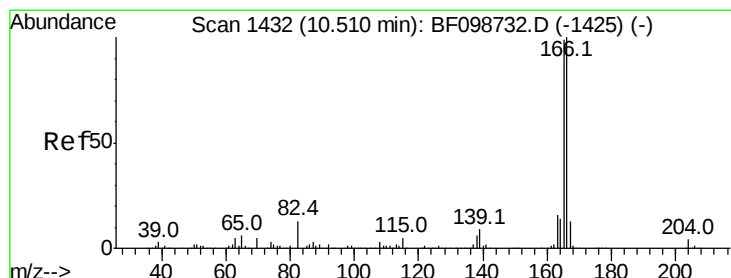
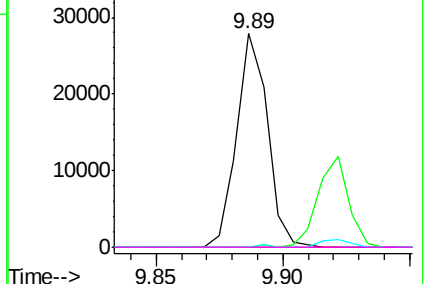
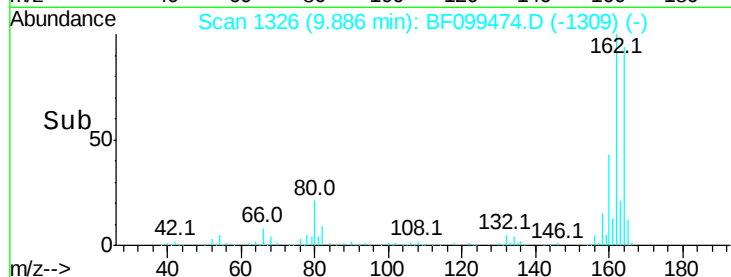


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

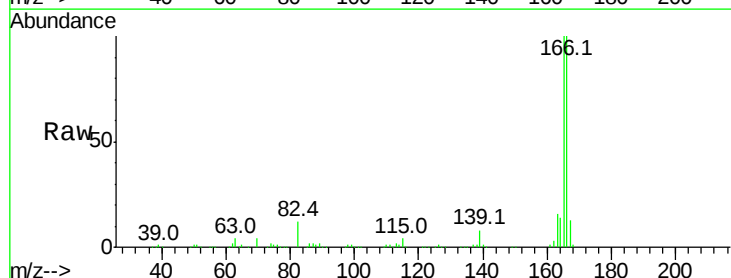
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 35.513 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

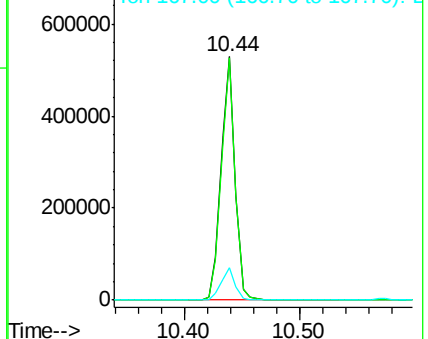
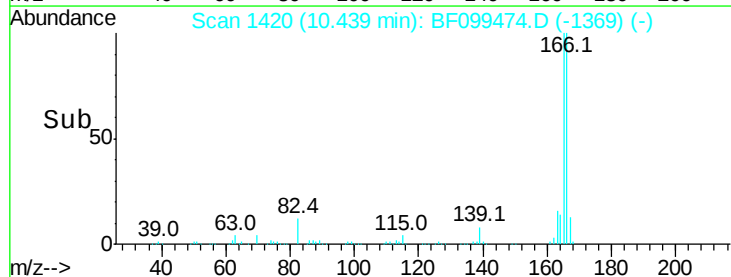
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.4	10.6	16.0

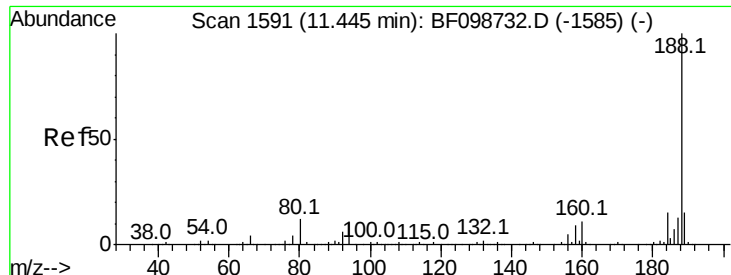


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Instrument :

BNA_F

ClientSampleId :

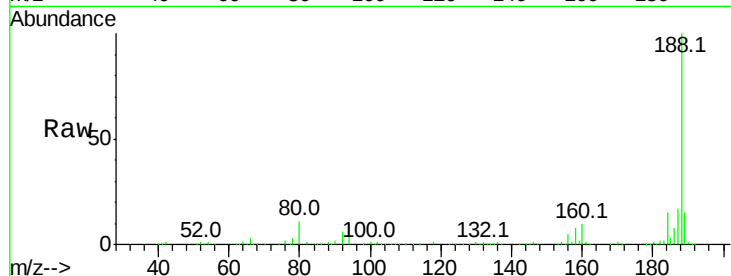
Tot Ion:188 Resp: 317287

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

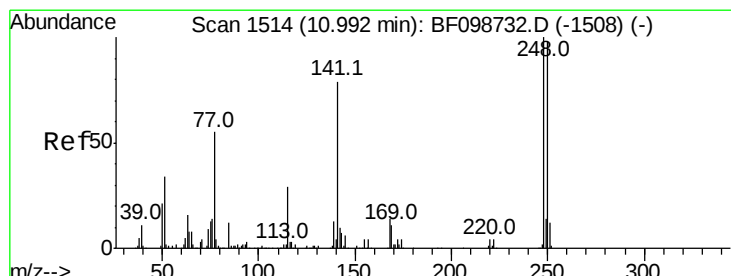
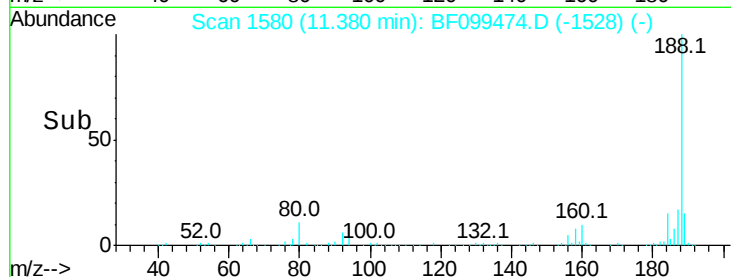
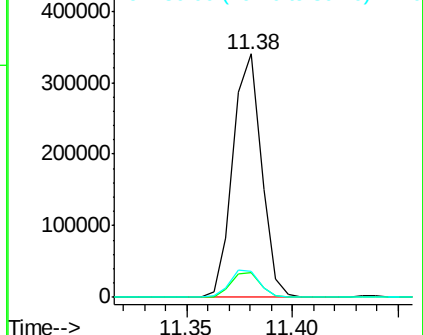
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 4.915 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.24 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

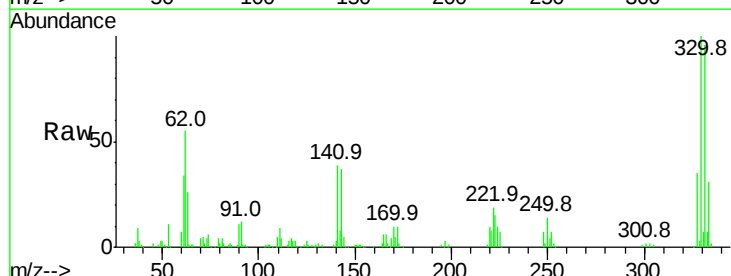
Tgt Ion:248 Resp: 15264

Ion Ratio Lower Upper

248 100

250 191.3 76.9 115.3#

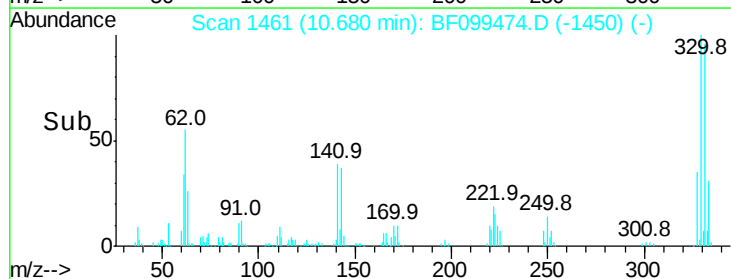
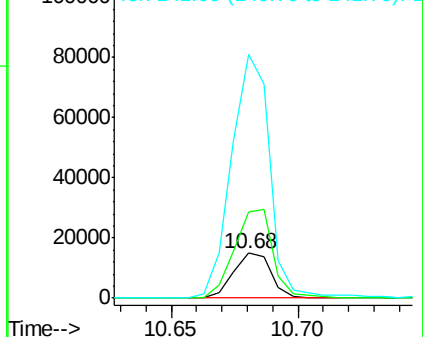
141 543.0 74.4 111.6#

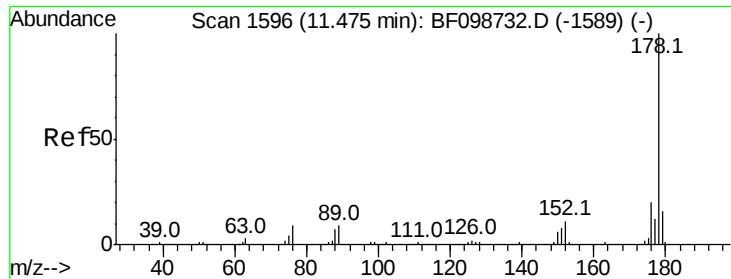


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 67.073 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Instrument :

BNA_F

ClientSampleId :

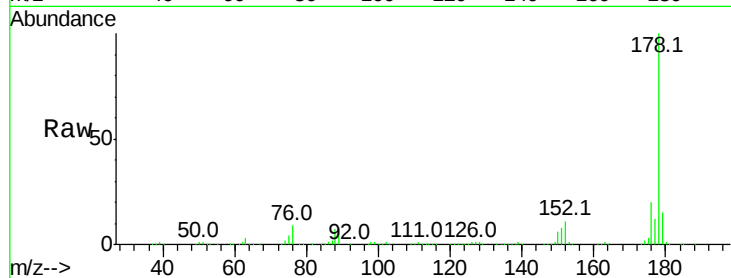
Tot Ion:178 Resp: 1139128

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

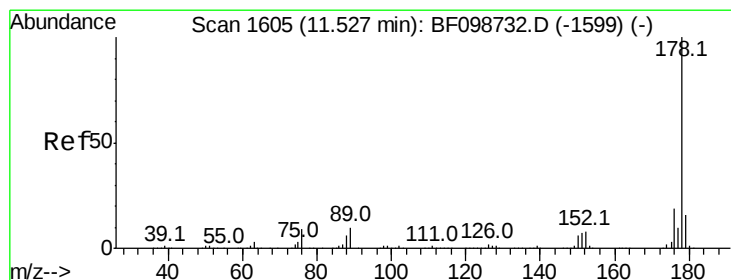
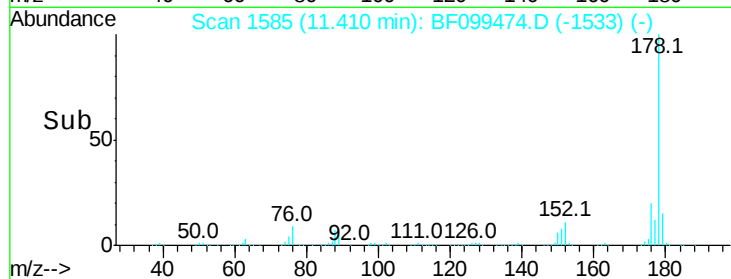
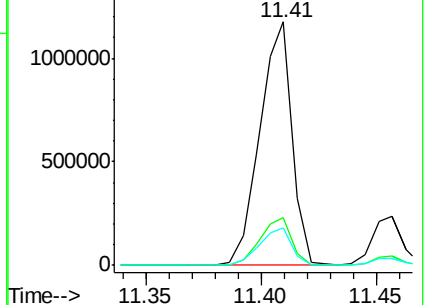
179 15.4 13.0 19.6



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: 12.565 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

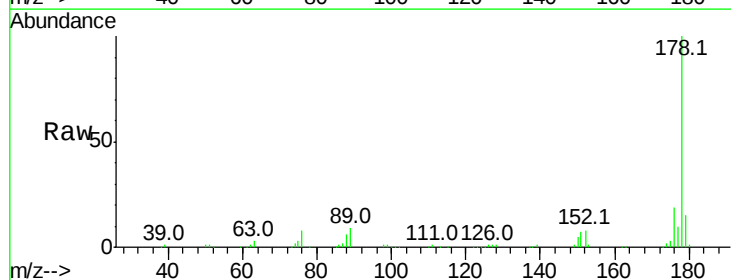
Tgt Ion:178 Resp: 218353

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

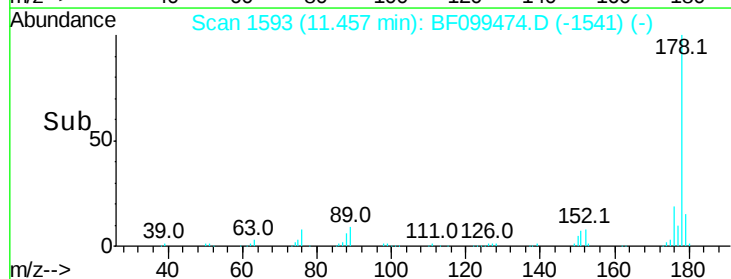
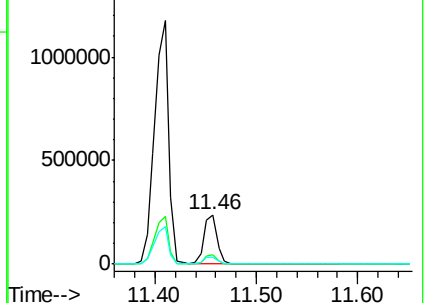
179 14.9 12.6 19.0

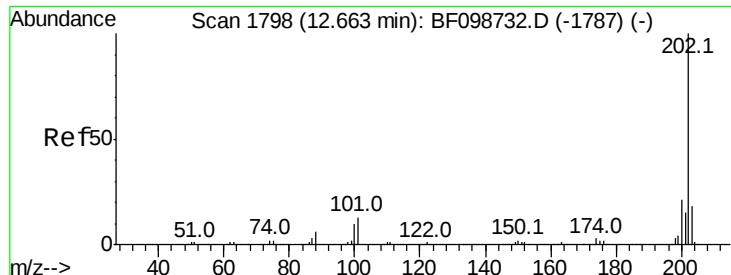


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

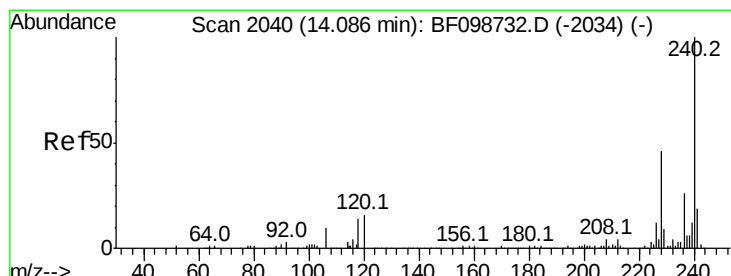
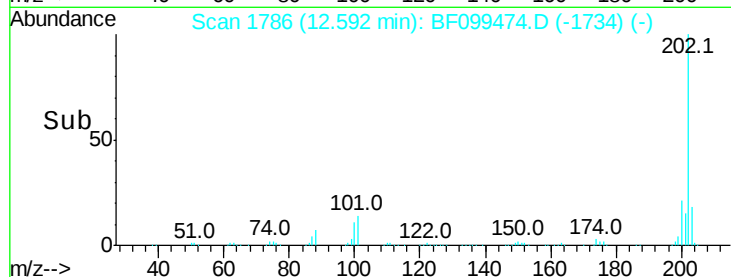
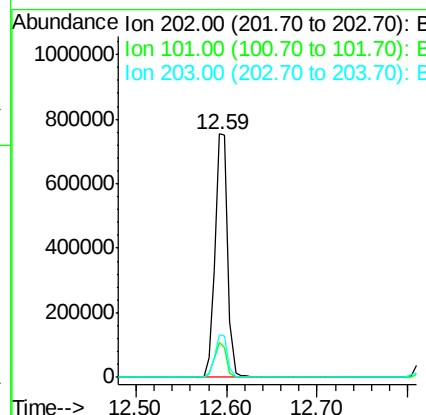
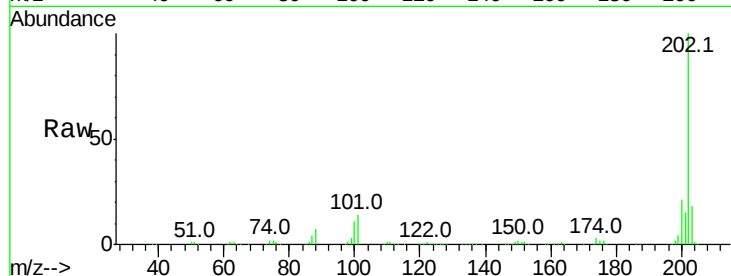




#74
 Fluoranthene
 Concen: 43.194 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

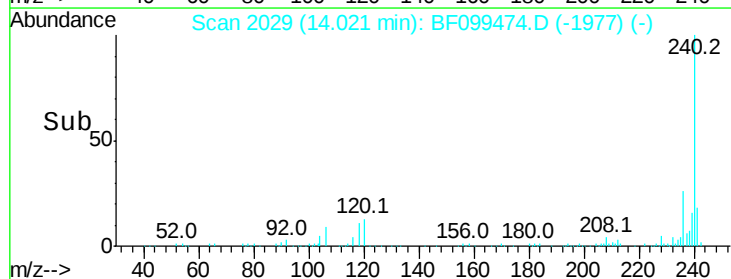
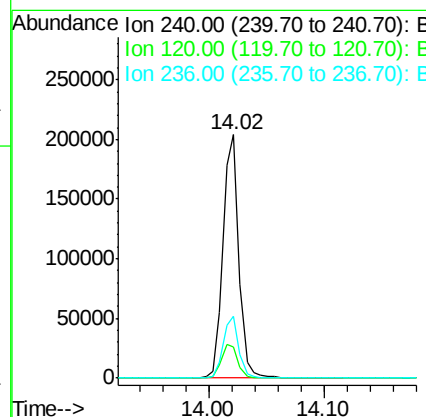
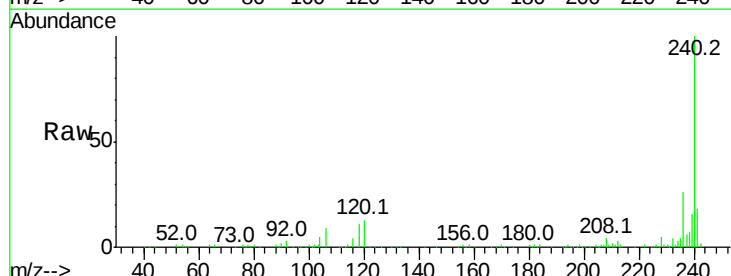
Instrument :
 BNA_F
 ClientSampleId :

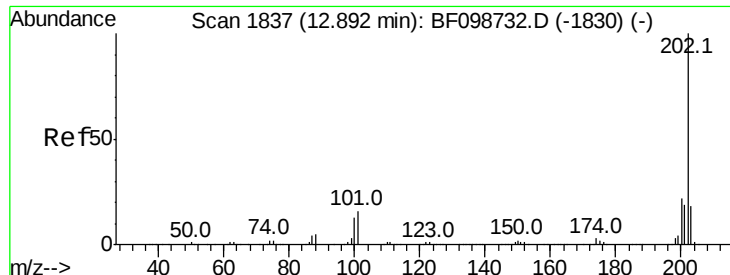
Tot Ion:202 Resp: 742831
 Ion Ratio Lower Upper
 202 100
 101 14.4 0.0 34.1
 203 17.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

Tgt Ion:240 Resp: 194114
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 25.5 20.7 31.1

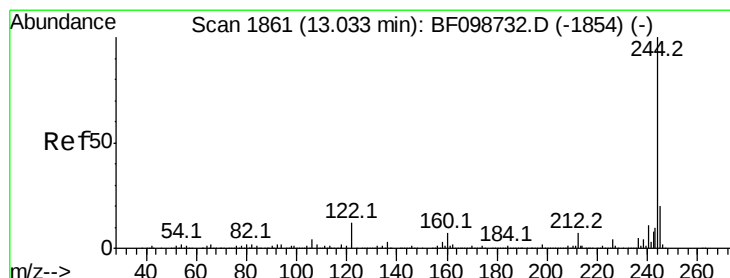
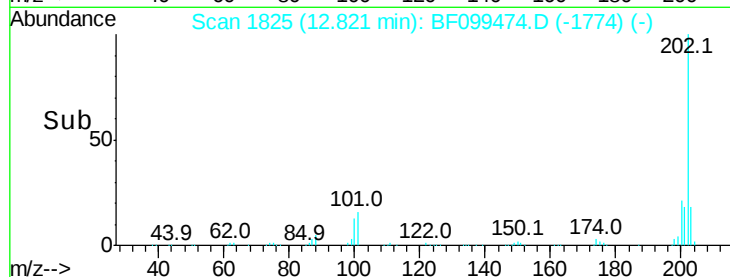
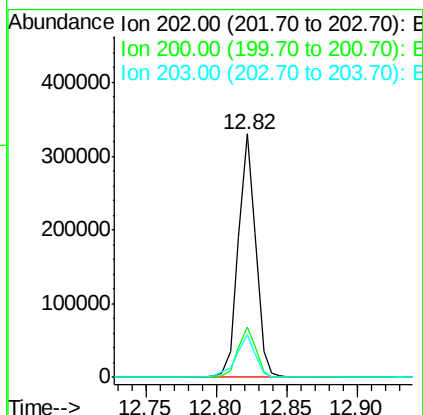
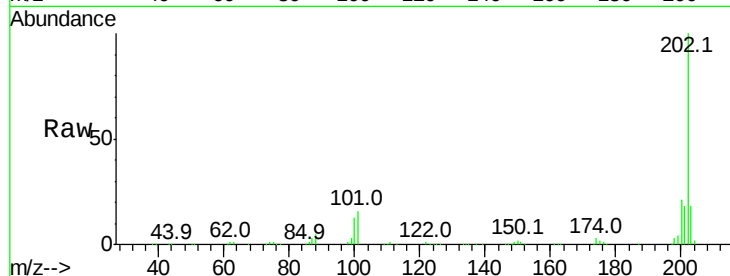




#77
Pvrene
Concen: 19.197 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

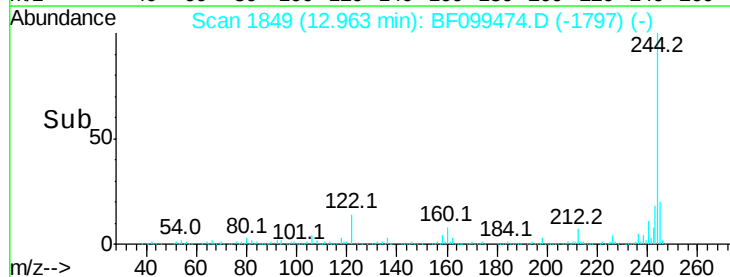
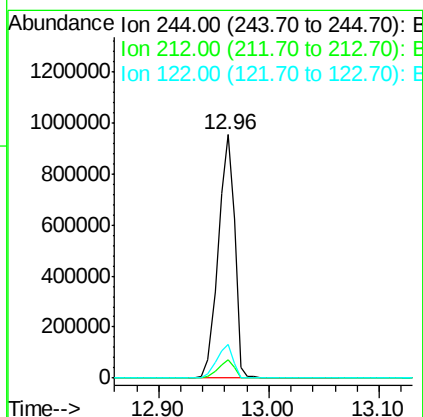
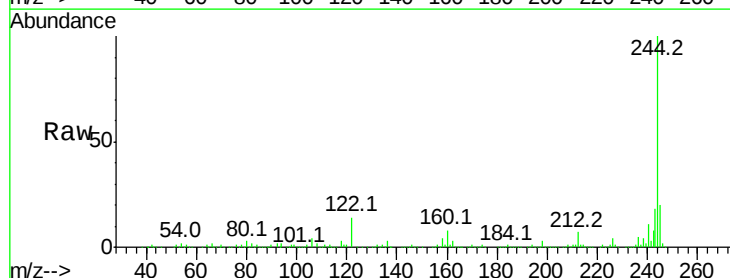
Instrument :
BNA_F
ClientSampleId :

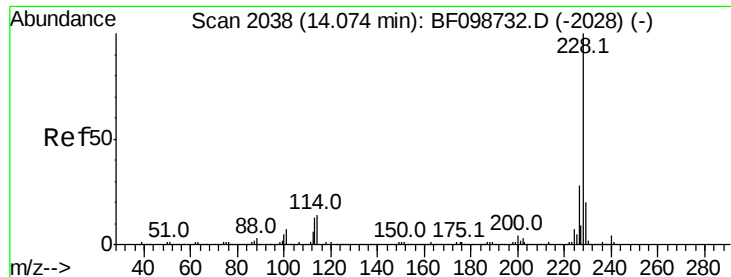
Tot Ion:202 Resp: 284150
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 115.082 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion:244 Resp: 982283
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.6 11.0 16.4





#80

Benzo(a)anthracene

Concen: 7.674 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Instrument :

BNA_F

ClientSampleId :

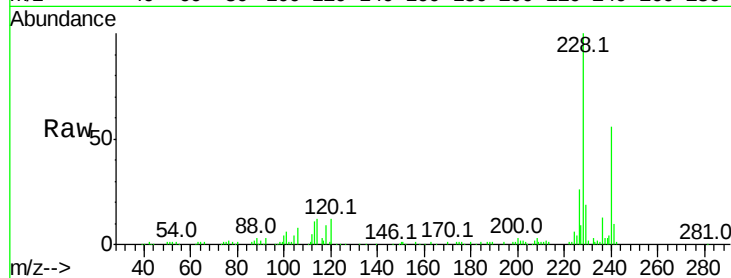
Tot Ion:228 Resp: 90202

Ion Ratio Lower Upper

228 100

226 26.0 22.6 33.8

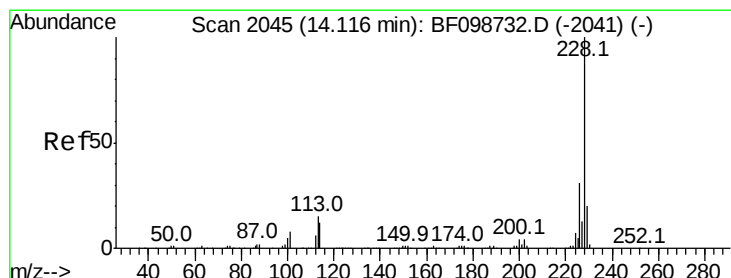
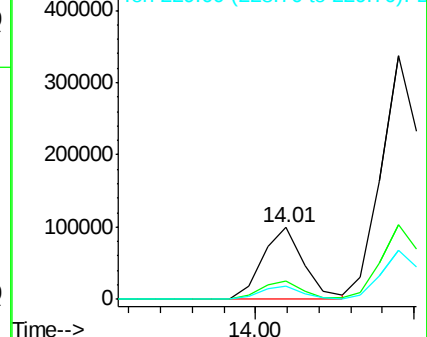
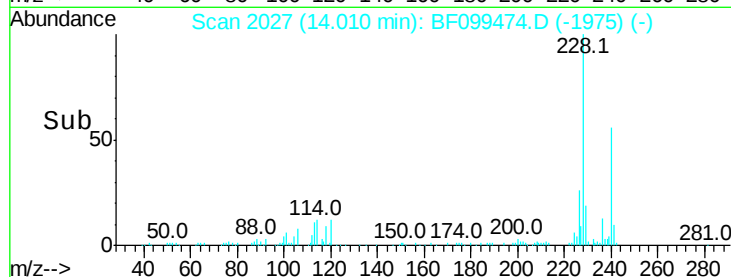
229 19.1 15.8 23.6



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



#82

Chrysene

Concen: 26.521 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

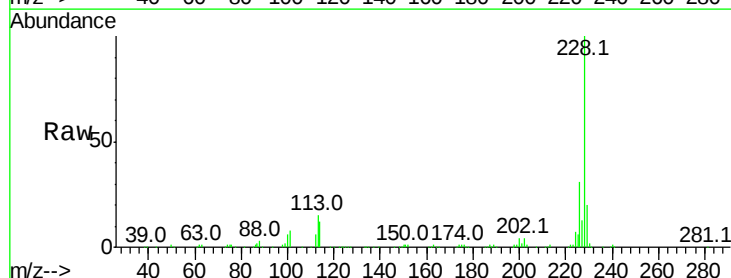
Tgt Ion:228 Resp: 296776

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

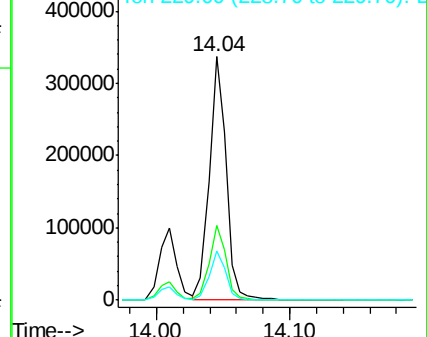
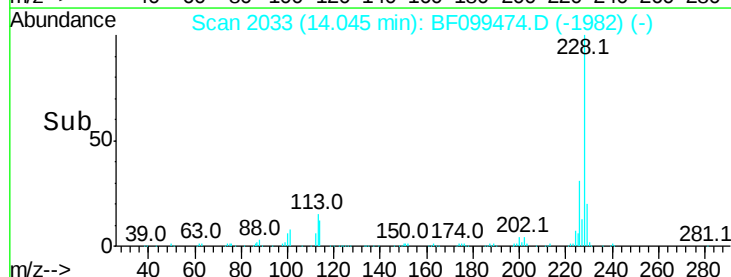
229 20.0 16.2 24.4

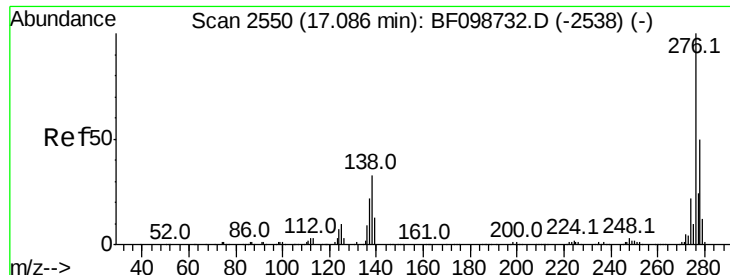


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

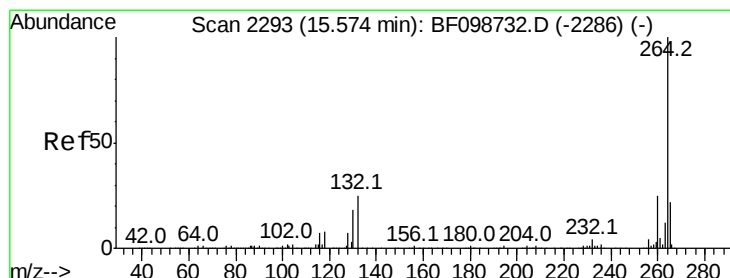
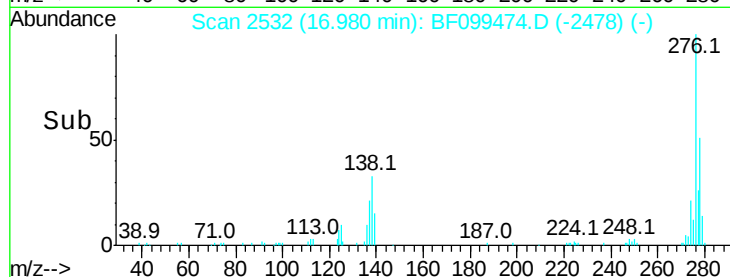
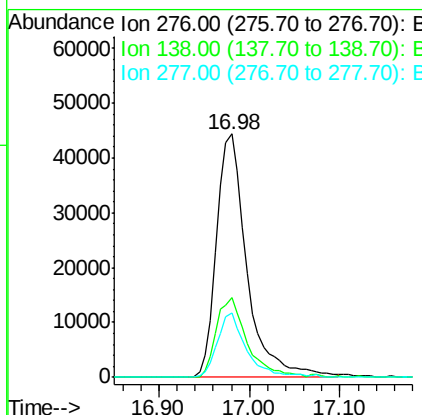
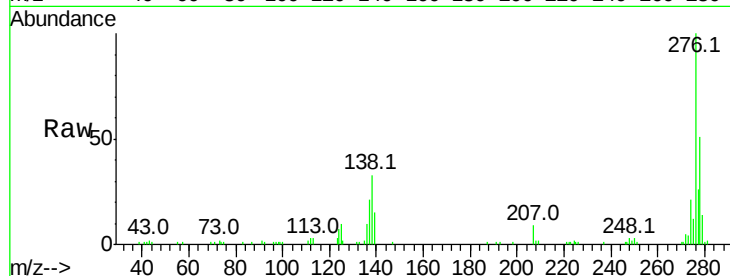




#85
Indeno(1,2,3-cd)pyrene
Concen: 11.610 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

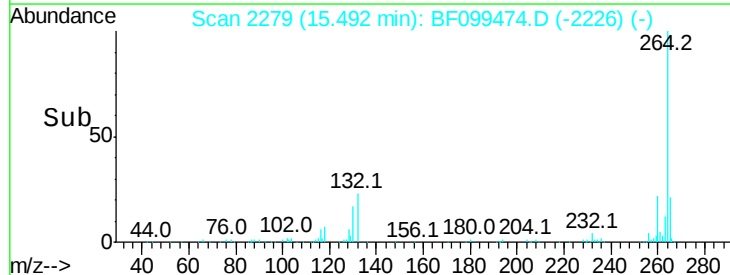
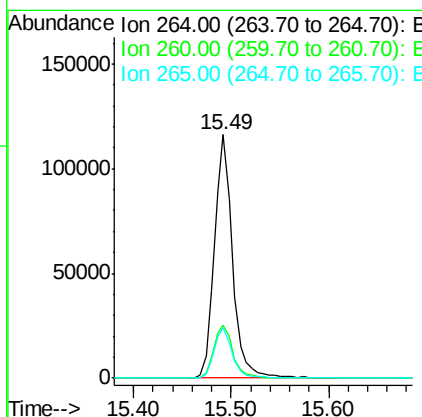
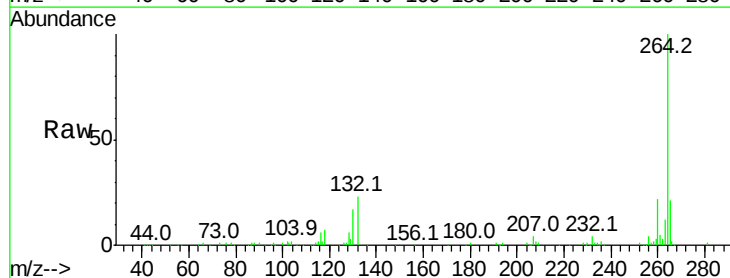
Instrument :
BNA_F
ClientSampleId :

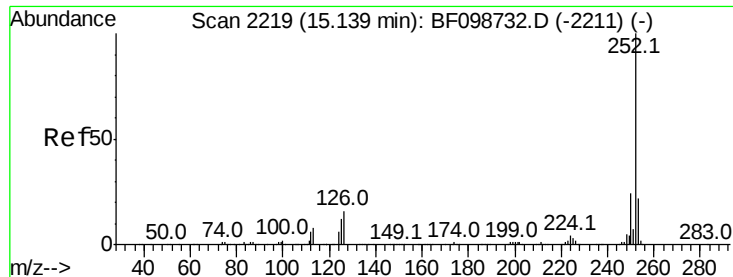
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.0	37.6
277	24.2	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.7	17.5	26.3

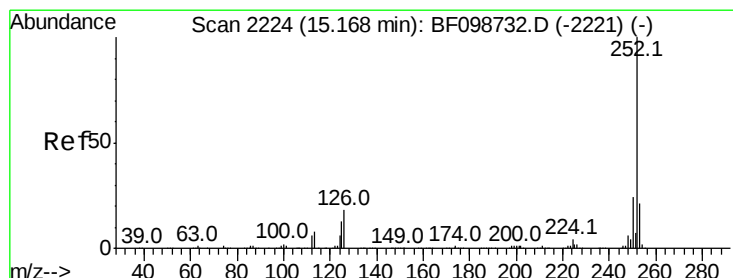
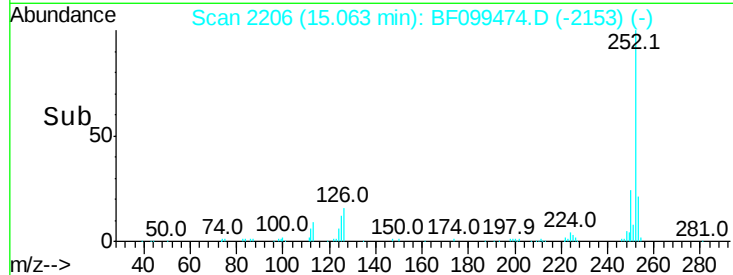
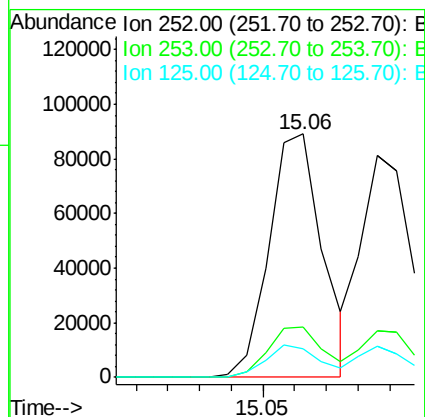
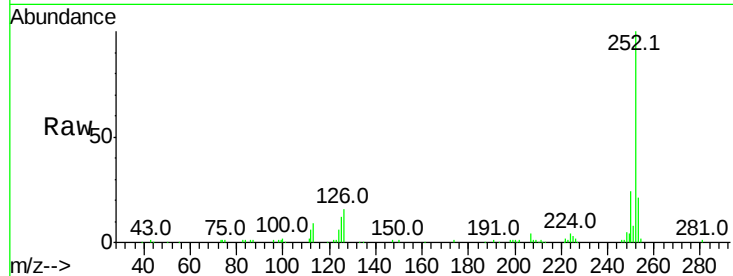




#87
Benzo(b)fluoranthene
Concen: 11.325 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

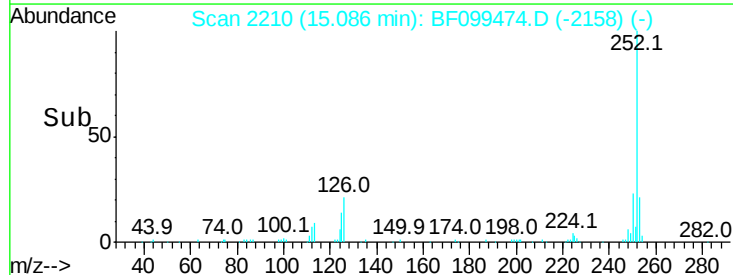
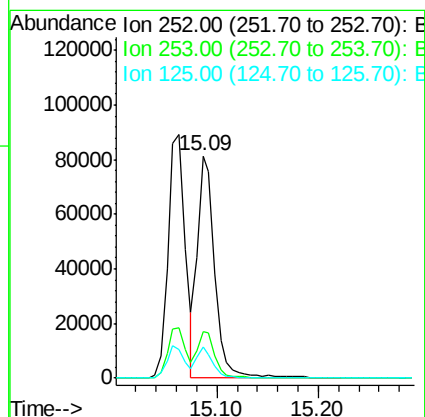
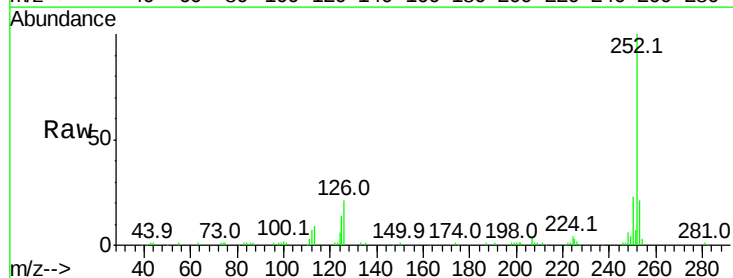
Instrument :
BNA_F
ClientSampleId :

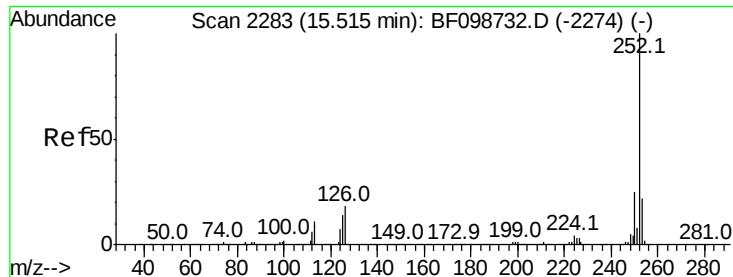
Tot Ion:252 Resp: 104133
Ion Ratio Lower Upper
252 100
253 20.5 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 10.656 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099474.D
Acq: 14 Oct 2017 13:59

Tgt Ion:252 Resp: 96779
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 14.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 5.178 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

Instrument :

BNA_F

ClientSampleId :

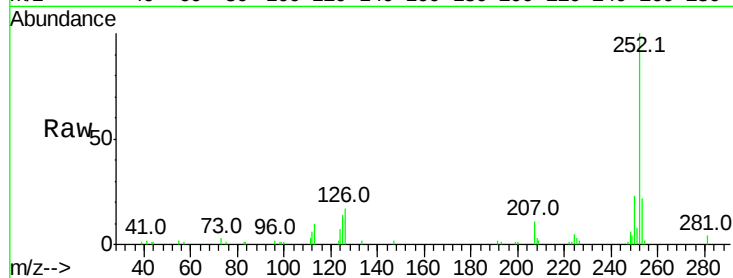
Tot Ion:252 Resp: 43702

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

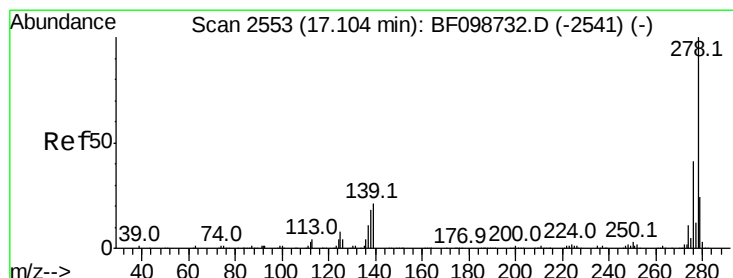
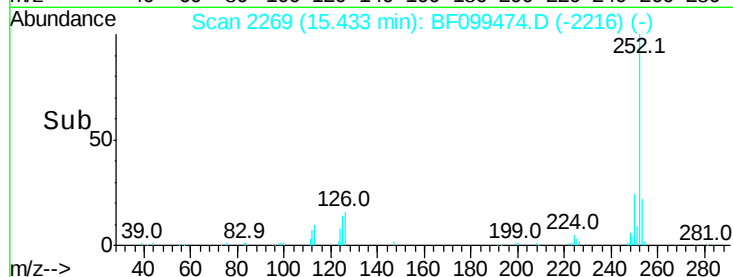
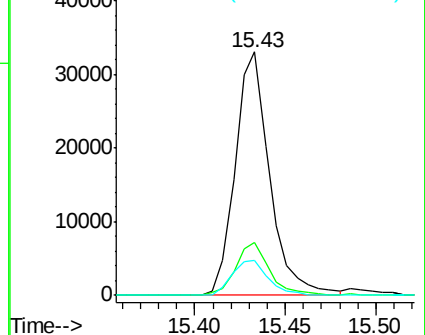
125 14.2 9.8 14.6



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: 9.126 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF099474.D

Acq: 14 Oct 2017 13:59

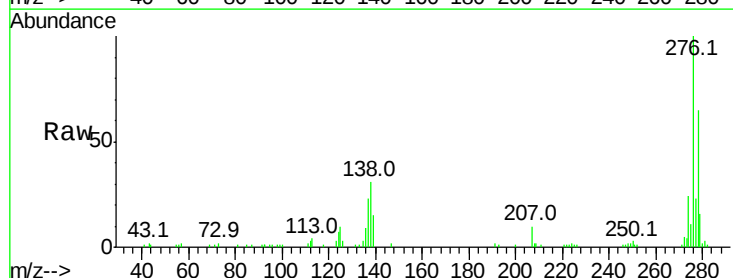
Tgt Ion:278 Resp: 61646

Ion Ratio Lower Upper

278 100

139 23.7 15.9 23.9

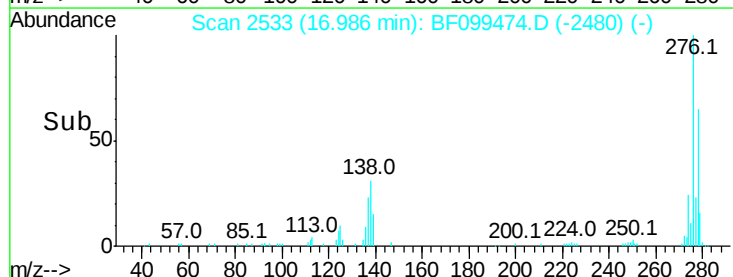
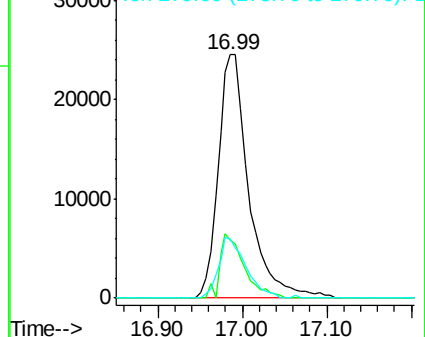
279 24.3 19.0 28.4

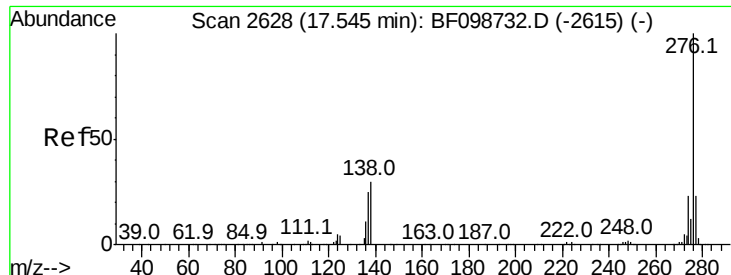


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 5.528 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.02 min
 Lab File: BF099474.D
 Acq: 14 Oct 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276	Resp:	36907
Ion Ratio	Lower	Upper
276	100	
277	25.1	17.9 26.9
138	28.1	21.8 32.8

