

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101194.D
 Acq On : 7 Dec 2017 4:05
 Operator : SJ/JU
 Sample : I6656-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

Quant Time: Dec 07 05:46:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	43760	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	163488	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	66273	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	107980	20.00	ng	0.00
75) Chrysene-d12	14.03	240	98959	20.00	ng	0.00
86) Perylene-d12	15.50	264	82752	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	172846	65.27	ng	0.00
7) Phenol-d6	6.48	99	301560	93.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	194499	70.97	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	28296	35.54	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	365374	75.43	ng	0.00
78) Terphenyl-d14	12.96	244	258022	57.03	ng	0.00

Target Compounds

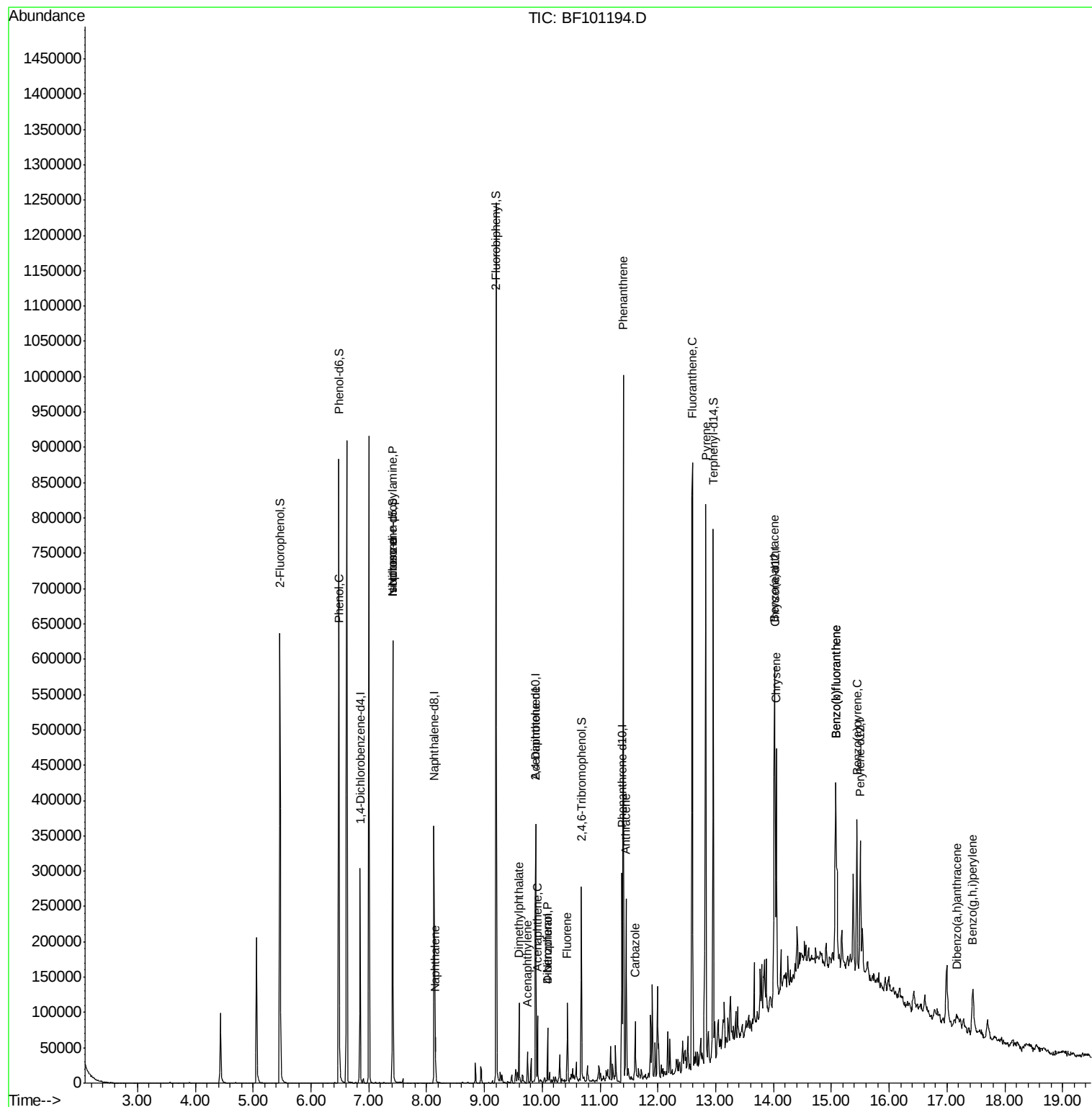
						Qvalue
10) Phenol	6.49	94	9882	2.764	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	24933	11.515	ng	# 77
25) Isophorone	7.42	82	194497	41.547	ng	# 64
31) Naphthalene	8.15	128	26536	3.293	ng	100
48) Acenaphthylene	9.75	152	16469	2.324	ng	# 97
49) Dimethylphthalate	9.60	163	41761	7.813	ng	98
51) Acenaphthene	9.92	154	18976	4.472	ng	95
54) Dibenzofuran	10.09	168	29909	4.891	ng	98
55) 4-Nitrophenol	10.09	139	10976	12.856	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	9476	6.281	ng	# 21
57) Fluorene	10.43	166	27787	5.590	ng	99
70) Phenanthrene	11.40	178	351263	59.071	ng	99
71) Anthracene	11.45	178	93592	15.551	ng	98
72) Carbazole	11.61	167	32378	5.888	ng	98
74) Fluoranthene	12.60	202	368013	55.831	ng	93
77) Pyrene	12.83	202	318981	46.713	ng	99
80) Benzo(a)anthracene	14.02	228	151312	24.217	ng	99
82) Chrysene	14.05	228	123763	21.328	ng	97
87) Benzo(b)fluoranthene	15.07	252	188877	38.106	ng	99
88) Benzo(k)fluoranthene	15.07	252	188877	38.677	ng	98
89) Benzo(a)pyrene	15.44	252	101019	22.418	ng	95
90) Dibenzo(a,h)anthracene	17.17	278	12727	3.204	ng	94
91) Benzo(g,h,i)perylene	17.45	276	51659	13.798	ng	# 88

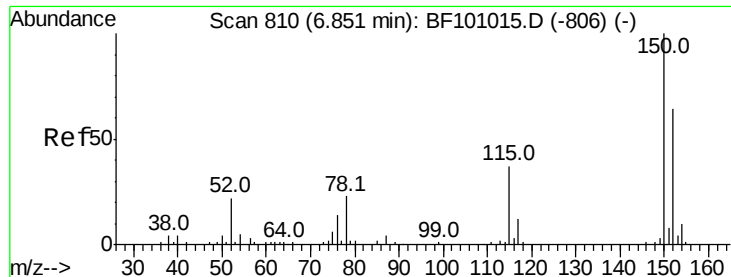
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120617\
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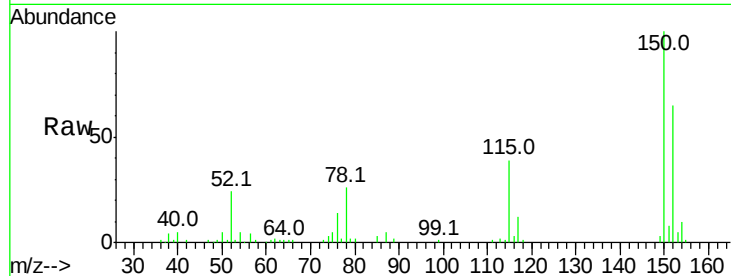


#1

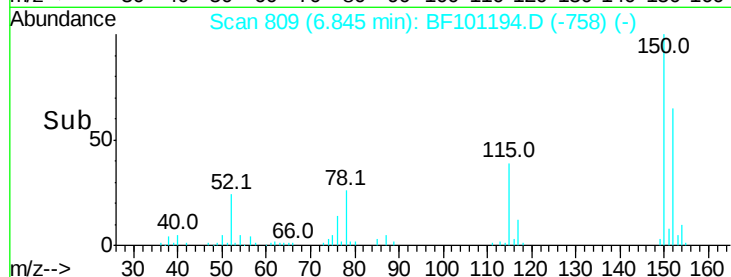
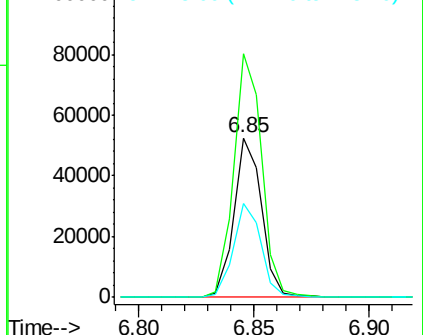
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Instrument :
BNA_F
ClientSampleId :
BART-2-E(7-8)

Tot Ion:152 Resp: 43760
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 58.9 50.1 75.1



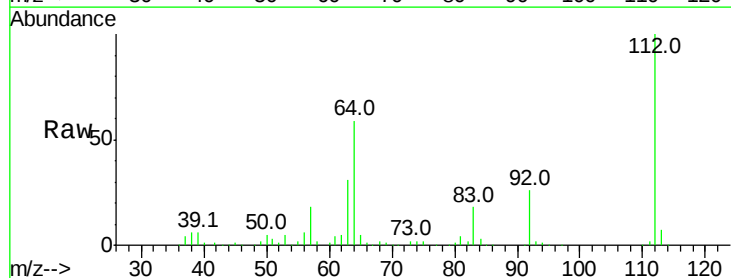
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



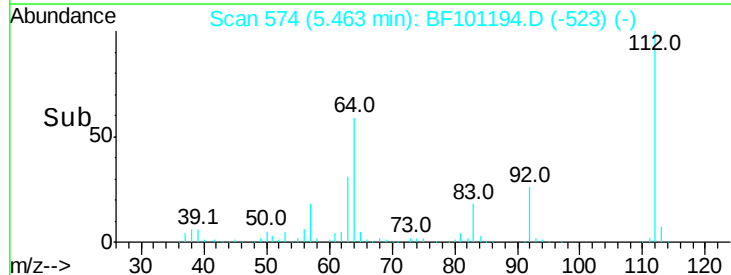
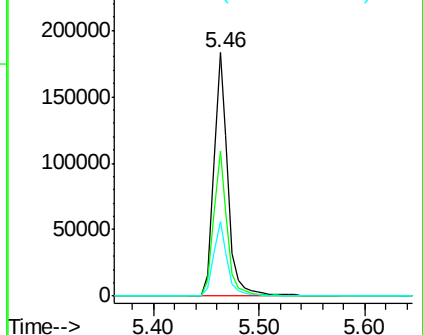
#5

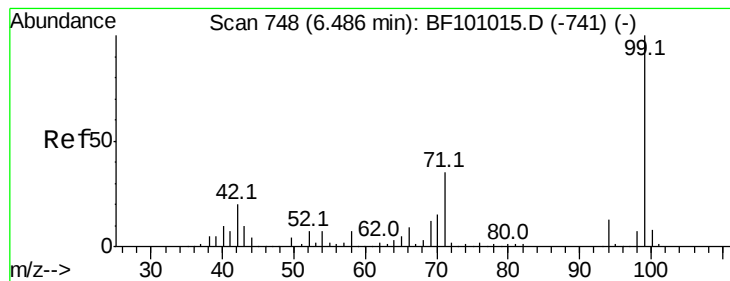
2-Fluorophenol
Concen: 65.269 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Tgt Ion:112 Resp: 172846
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.793 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

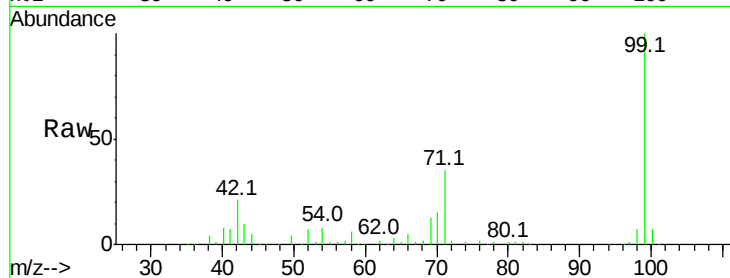
Tot Ion: 99 Resp: 301560

Ion Ratio Lower Upper

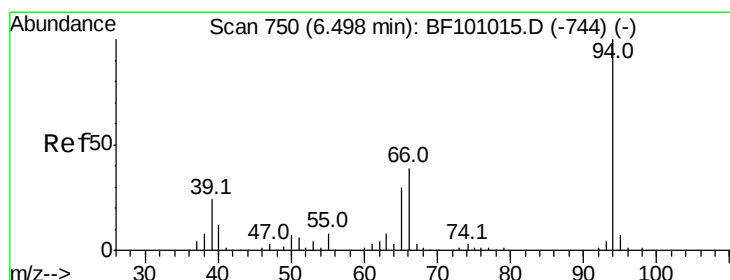
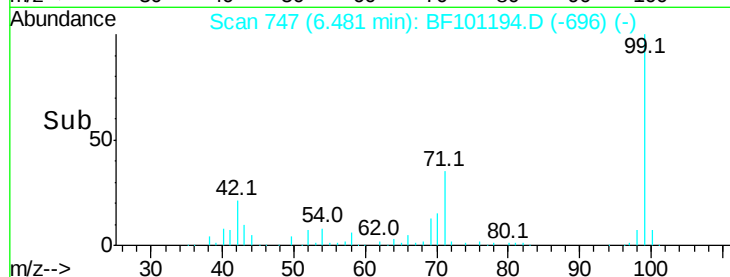
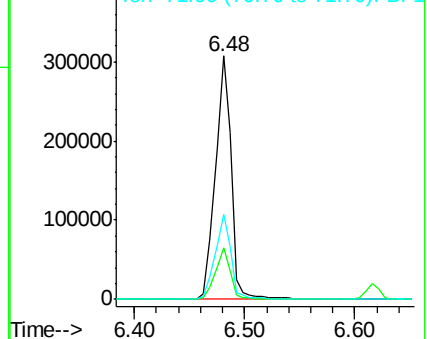
99 100

42 21.3 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.764 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

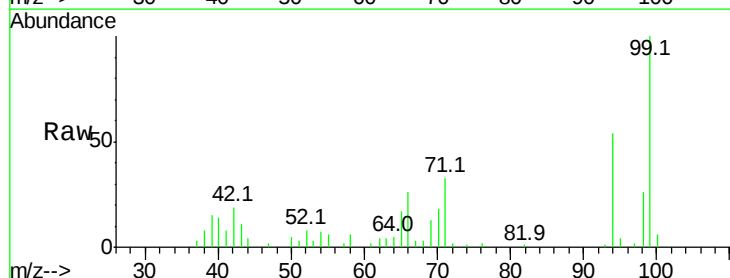
Tgt Ion: 94 Resp: 9882

Ion Ratio Lower Upper

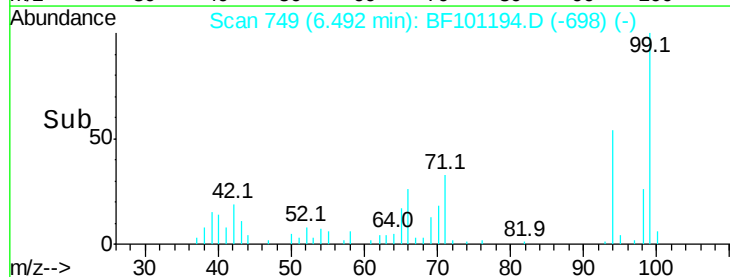
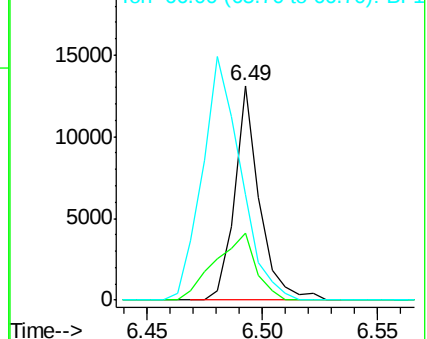
94 100

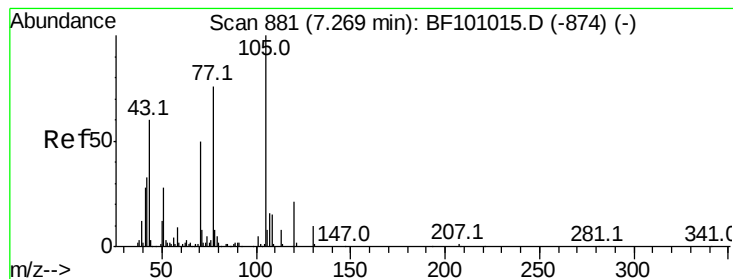
65 31.4 7.9 47.9

66 48.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.515 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

Tot Ion: 70 Resp: 24933

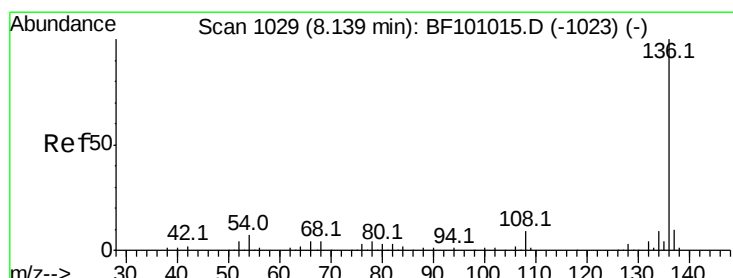
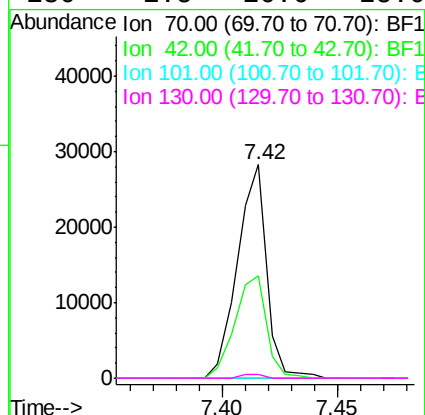
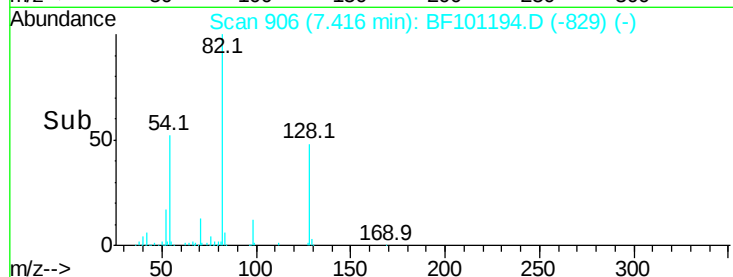
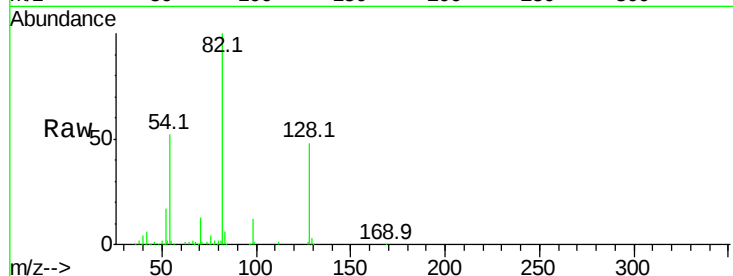
Ion Ratio Lower Upper

70 100

42 47.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Tgt Ion:136 Resp: 163488

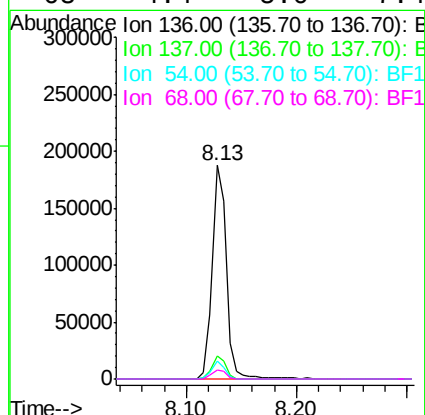
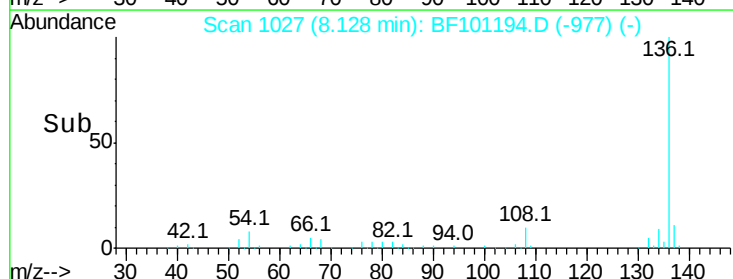
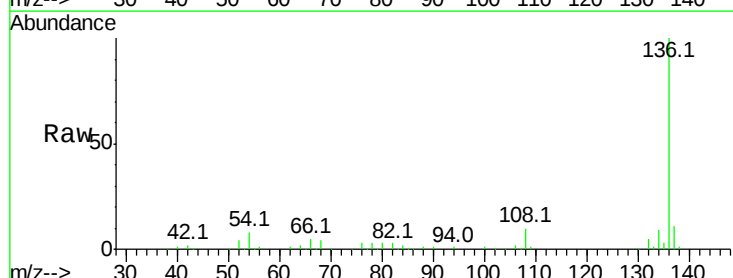
Ion Ratio Lower Upper

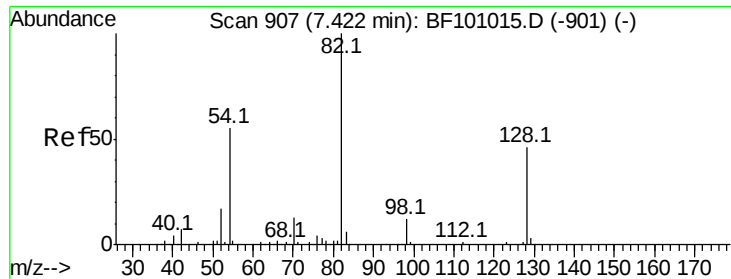
136 100

137 10.5 8.9 13.3

54 8.2 6.6 9.8

68 4.4 5.0 7.4#

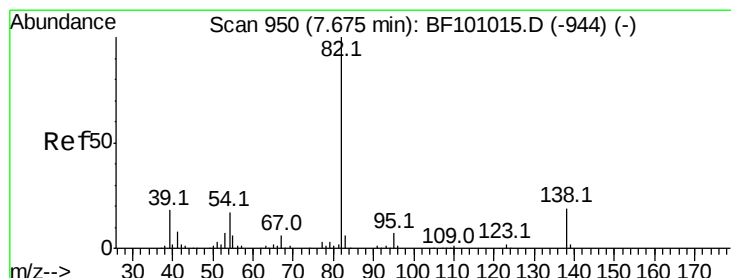
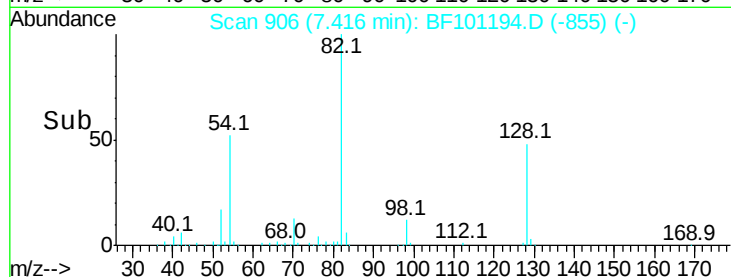
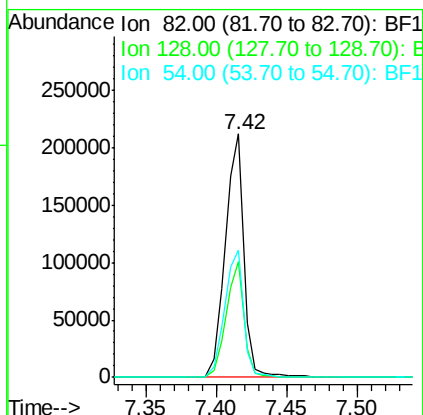
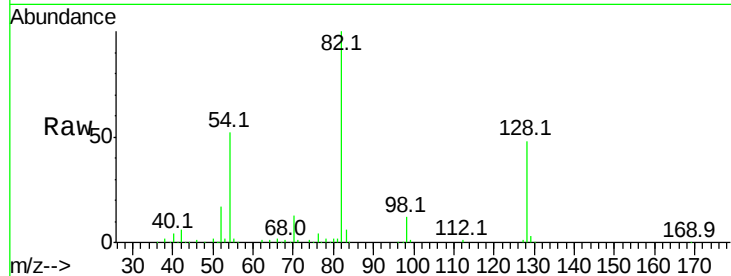




#23
 Nitrobenzene-d5
 Concen: 70.968 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

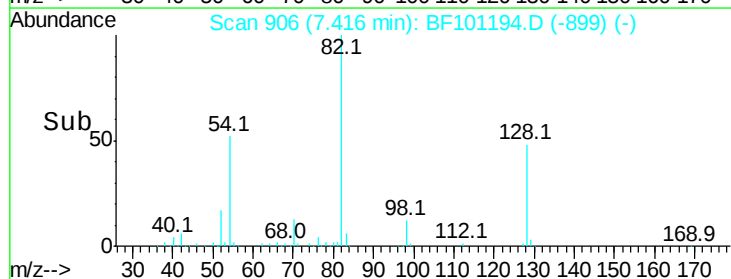
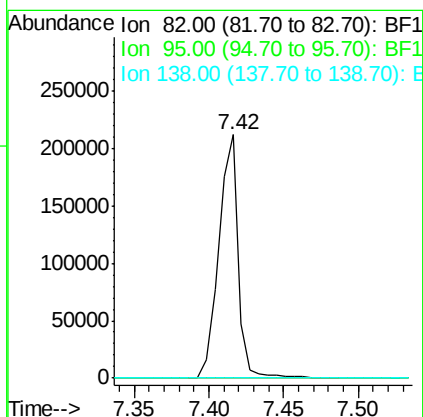
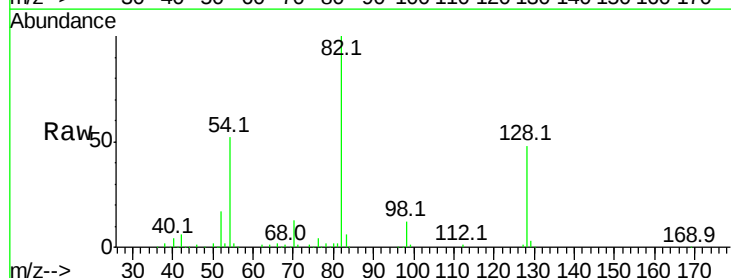
Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

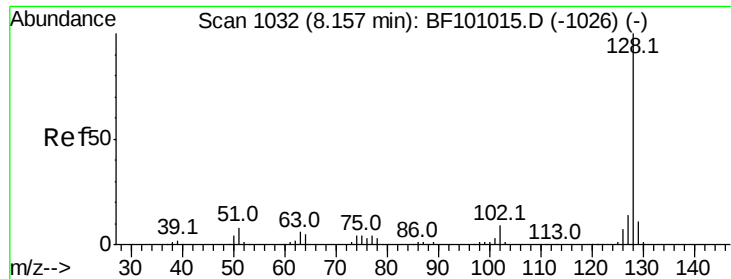
Tot Ion	82	Resp	194499
Ion Ratio	100	Lower	Upper
128	47.5	36.1	54.1
54	52.0	41.4	62.2



#25
 Isophorone
 Concen: 41.547 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

Tgt Ion	82	Resp	194497
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

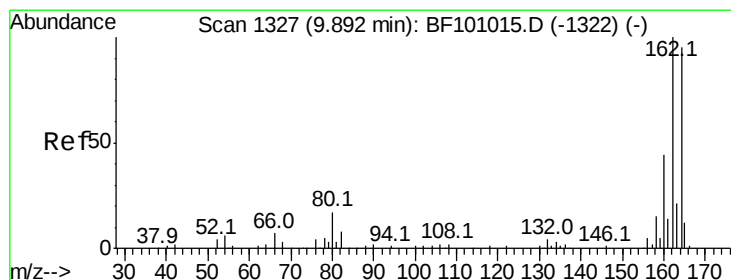
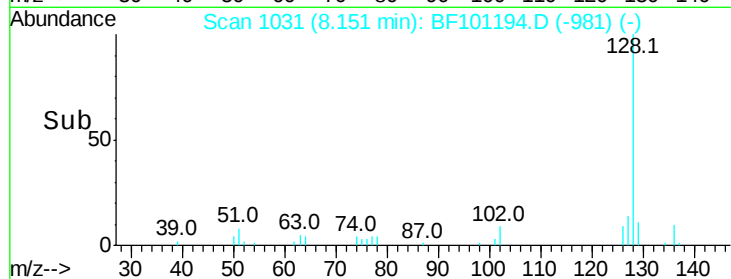
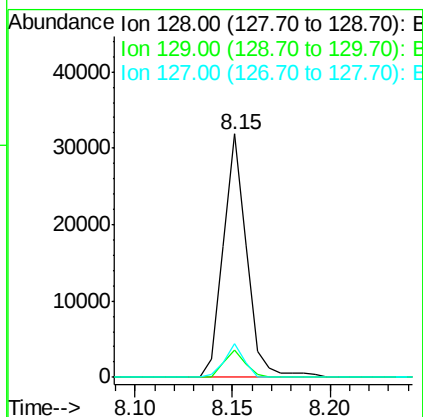
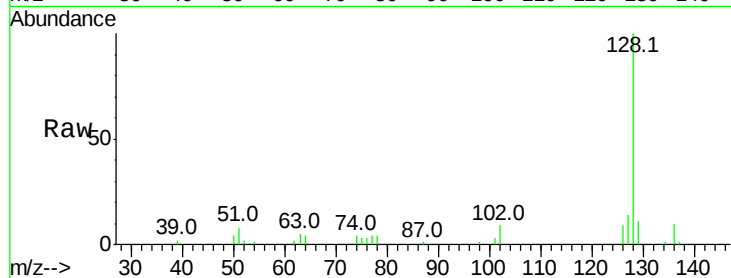




#31
Naphthalene
Concen: 3.293 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

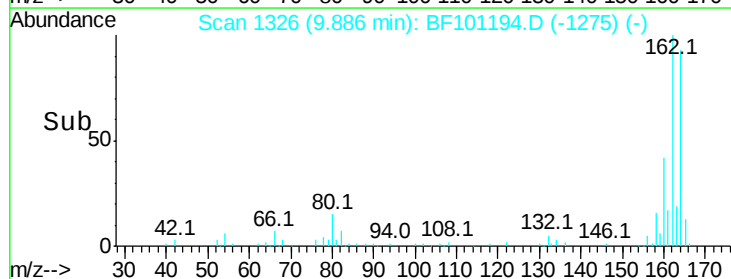
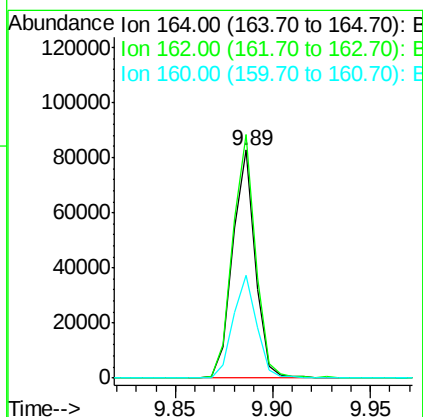
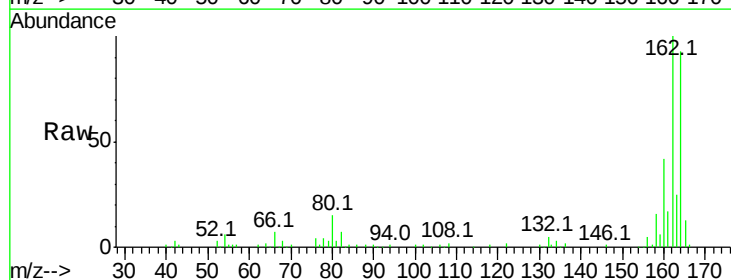
Instrument :
BNA_F
ClientSampleId :
BART-2-E(7-8)

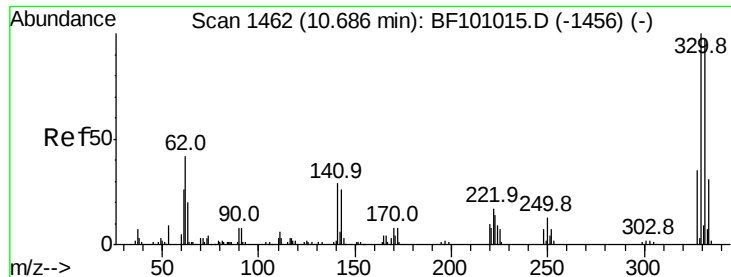
Tot Ion:128 Resp: 26536
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Tgt Ion:164 Resp: 66273
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 45.2 38.3 57.5

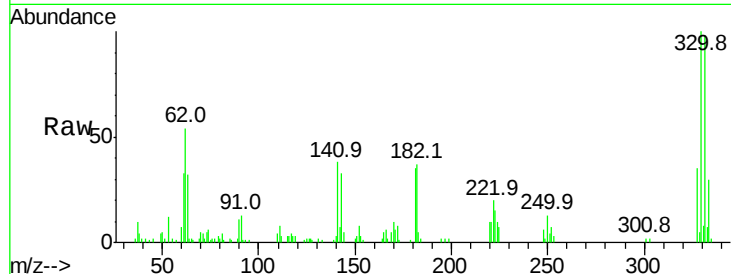




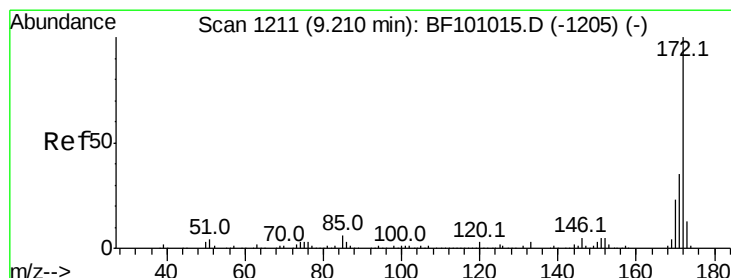
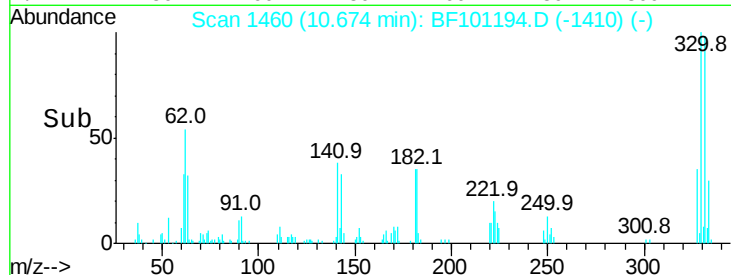
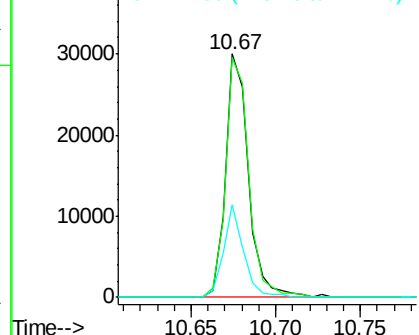
#41
 2,4,6-Tribromophenol
 Concen: 35.542 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	33.9	29.9	44.9

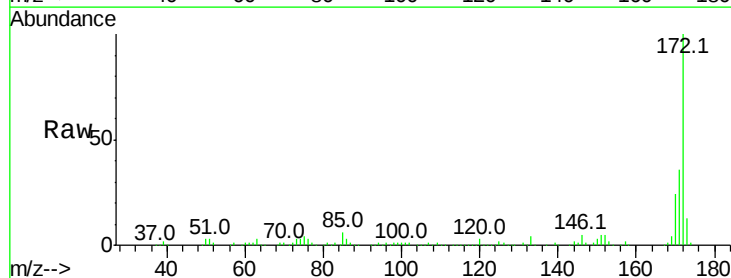


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

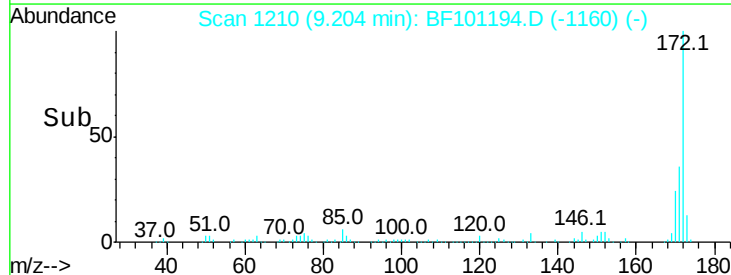
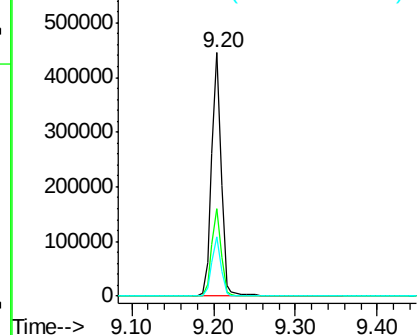


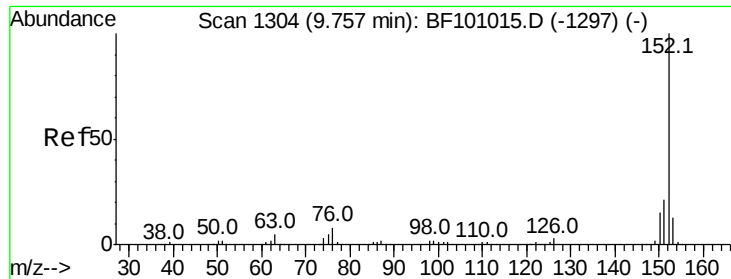
#44
 2-Fluorobiphenyl
 Concen: 75.431 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4



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: 2.324 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

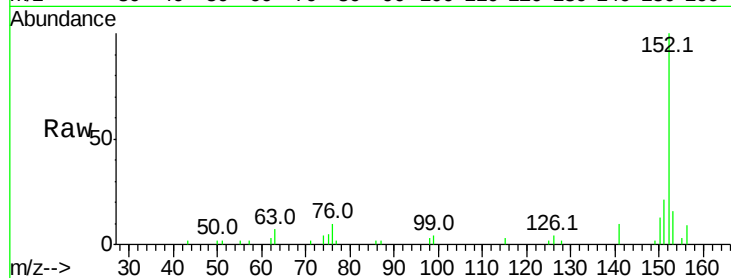
Tot Ion:152 Resp: 16469

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

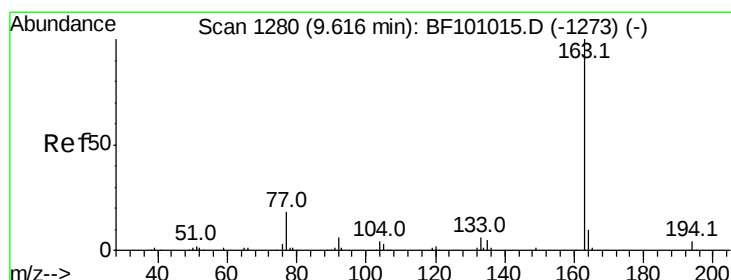
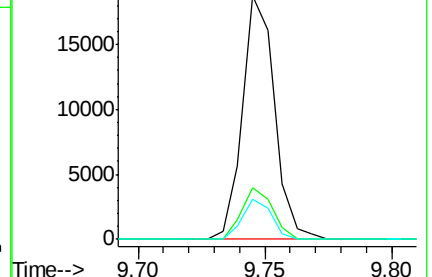
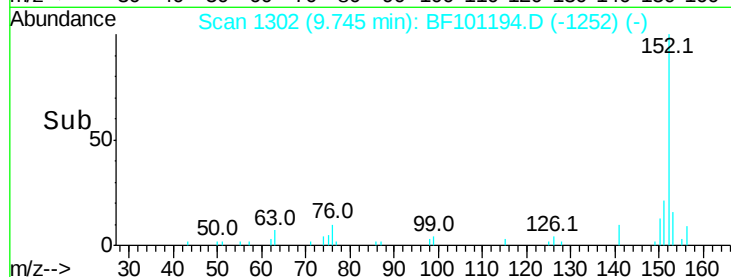
153 16.2 10.7 16.1#



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: 7.813 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

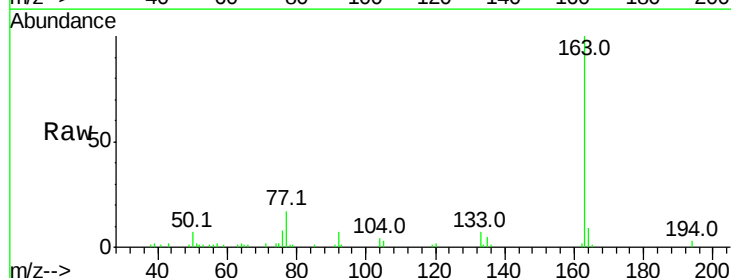
Tgt Ion:163 Resp: 41761

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

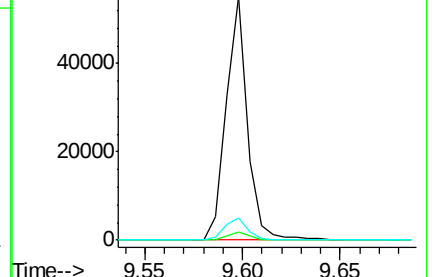
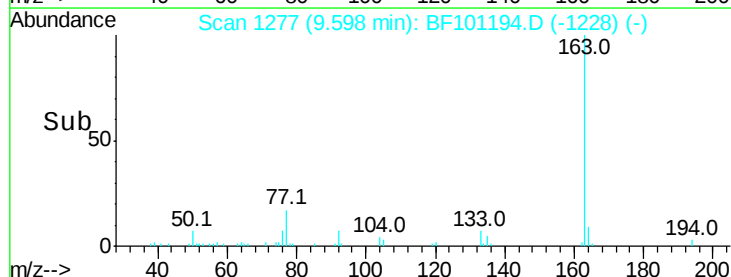
164 9.1 8.2 12.2

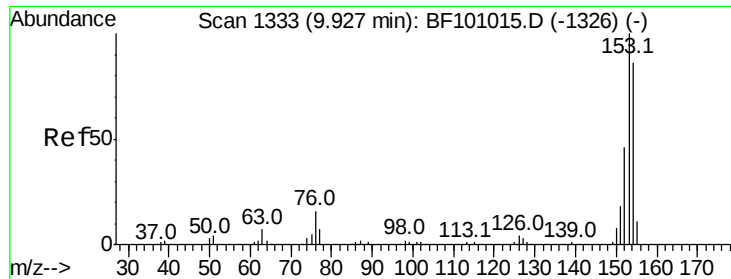


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.472 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

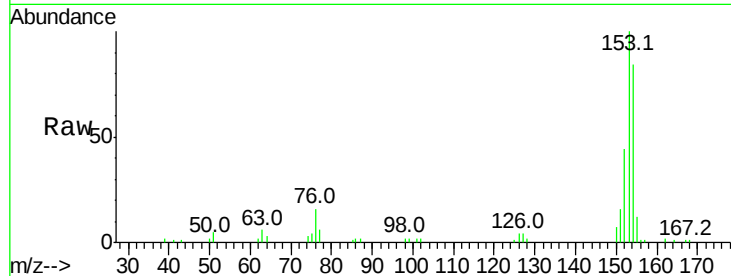
Tot Ion:154 Resp: 18976

Ion Ratio Lower Upper

154 100

153 119.7 91.2 136.8

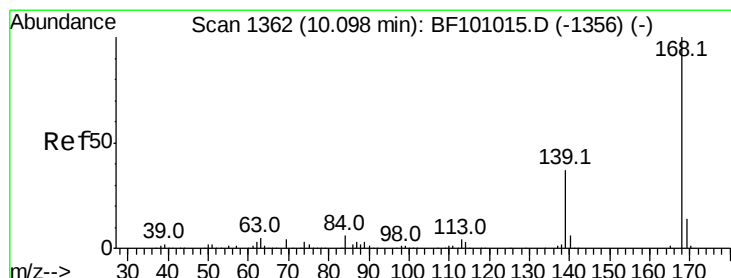
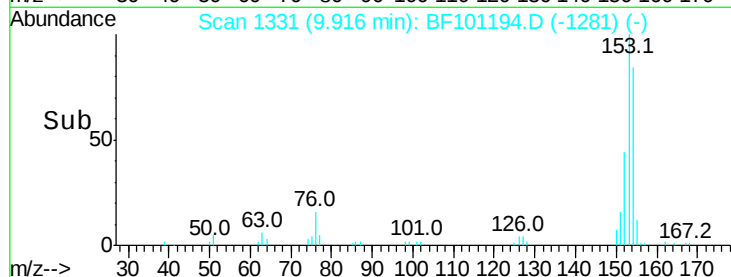
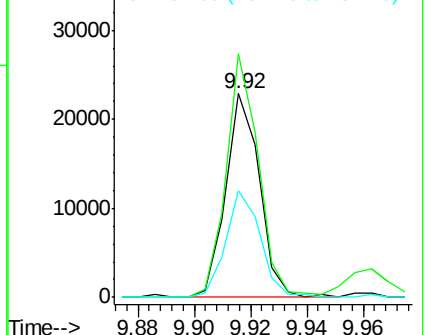
152 52.6 43.8 65.8



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



#54

Dibenzofuran

Concen: 4.891 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

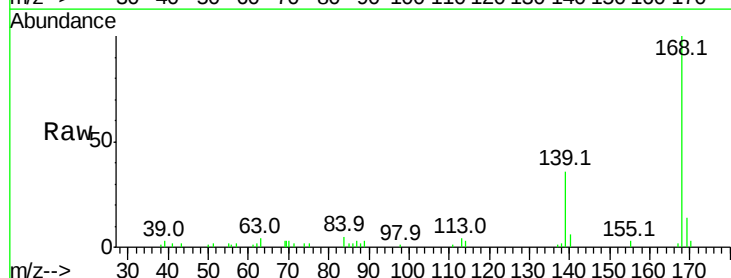
Tgt Ion:168 Resp: 29909

Ion Ratio Lower Upper

168 100

139 36.3 30.1 45.1

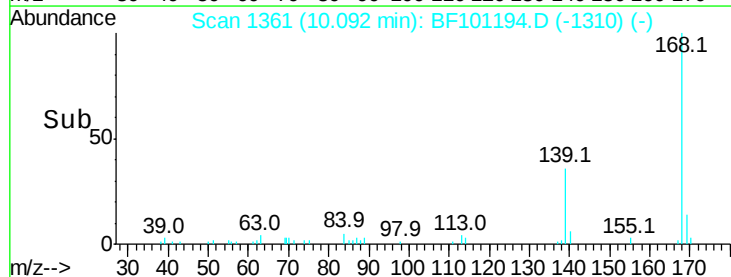
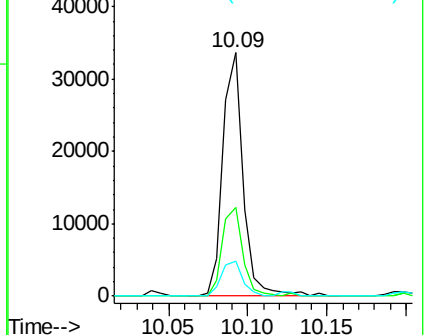
169 14.2 10.9 16.3

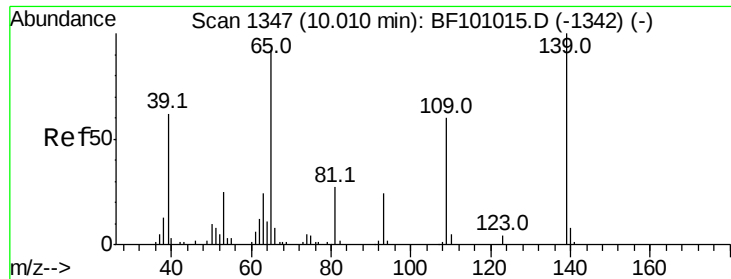


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

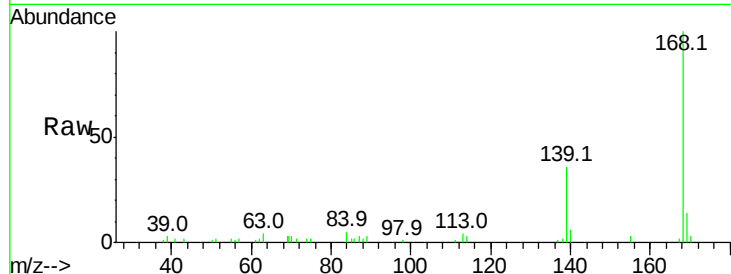




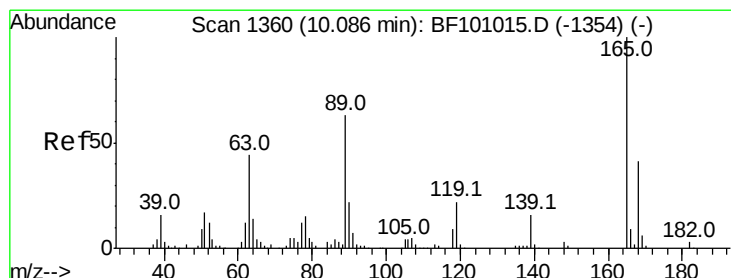
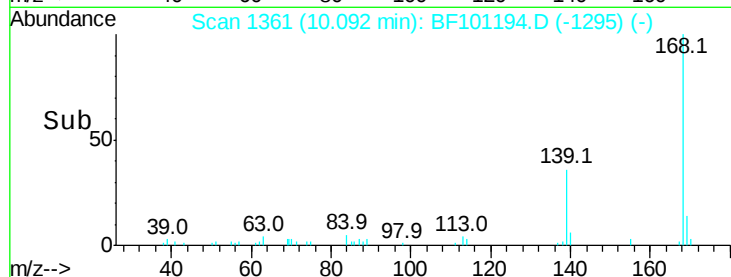
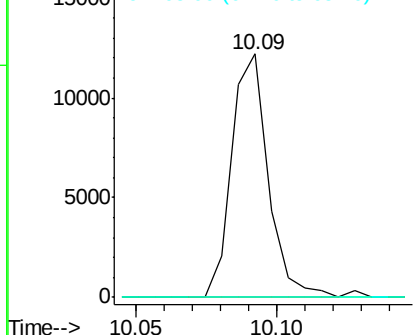
#55
4-Nitrophenol
Concen: 12.856 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.09 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Instrument :
BNA_F
ClientSampleId :
BART-2-E(7-8)

Tot Ion:139 Resp: 10976
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

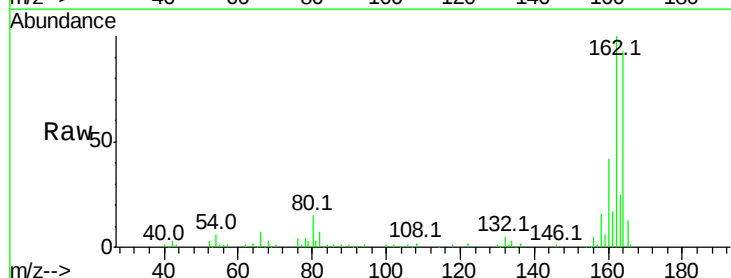


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

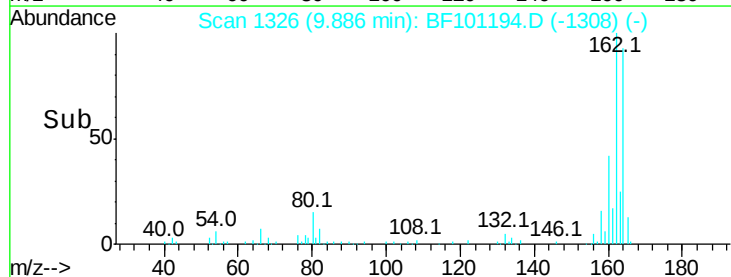
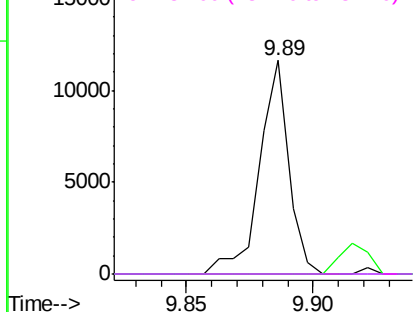


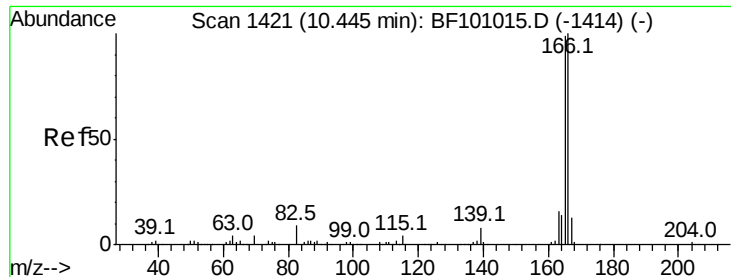
#56
2,4-Dinitrotoluene
Concen: 6.281 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Tgt Ion:165 Resp: 9476
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): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 5.590 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

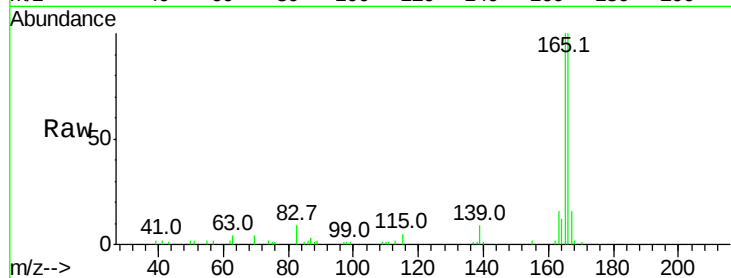
BNA_F

ClientSampleId :

BART-2-E(7-8)

Tot Ion:166 Resp: 27787

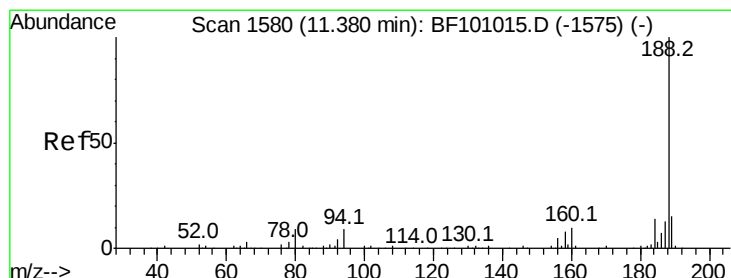
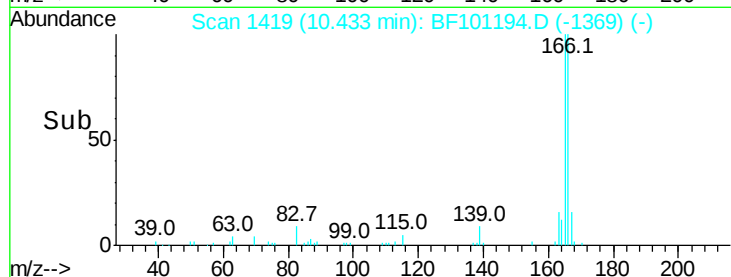
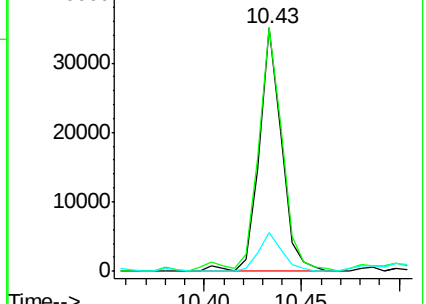
Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	15.7	10.6	16.0



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: 11.37 min Scan# 1579

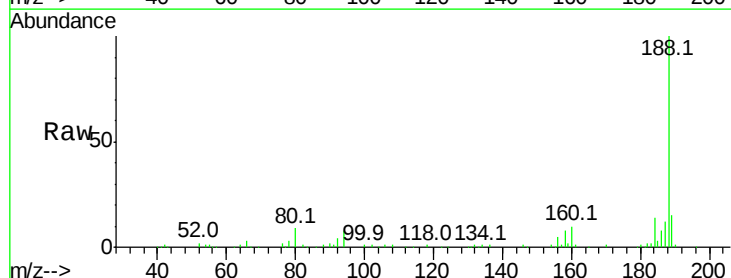
Delta R.T. 0.00 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Tgt Ion:188 Resp: 107980

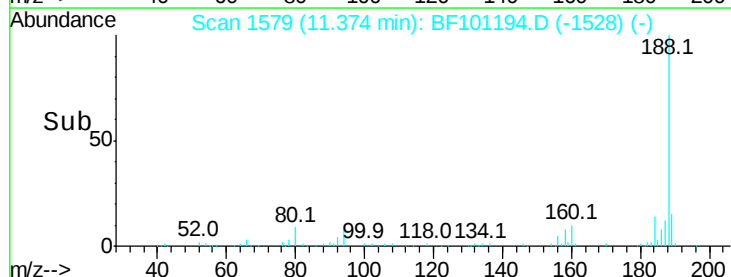
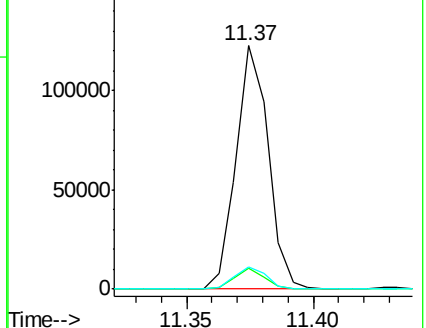
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.2	9.2	13.8

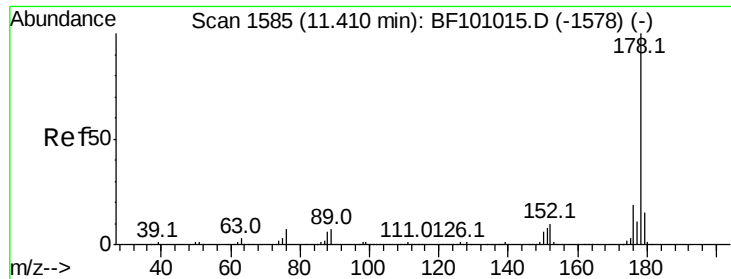


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

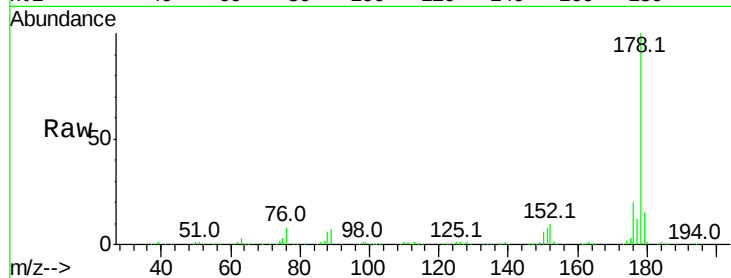




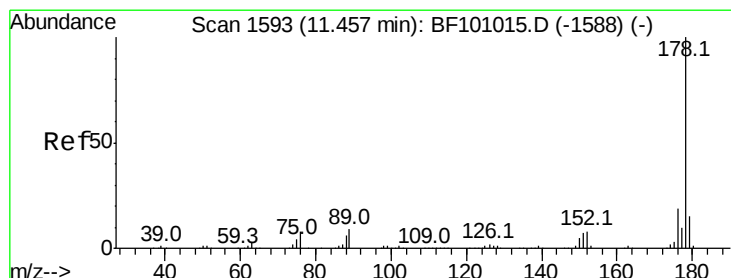
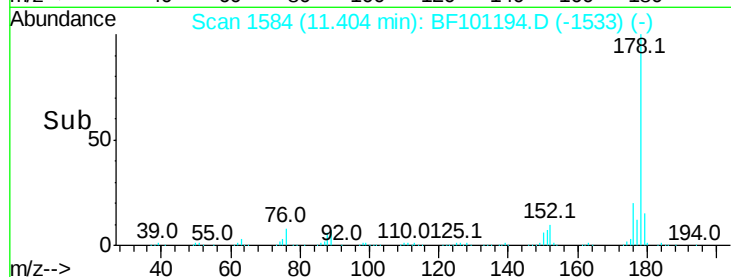
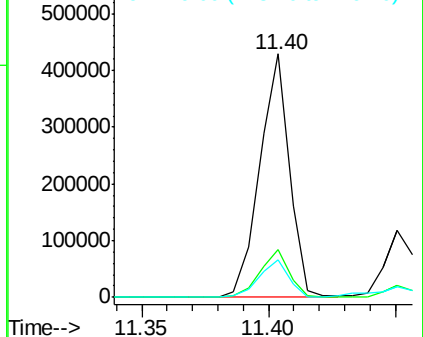
#70
Phenanthrene
Concen: 59.071 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Instrument :
BNA_F
ClientSampleId :
BART-2-E(7-8)

Tot Ion:178 Resp: 351263
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.5 13.0 19.6

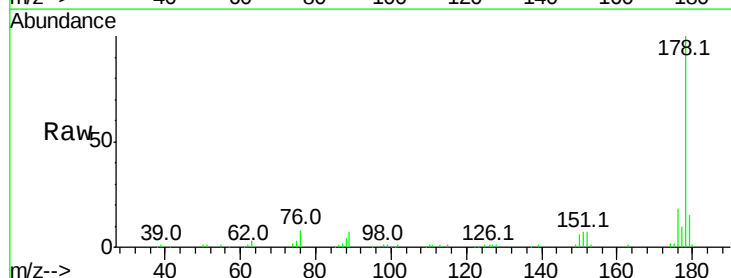


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

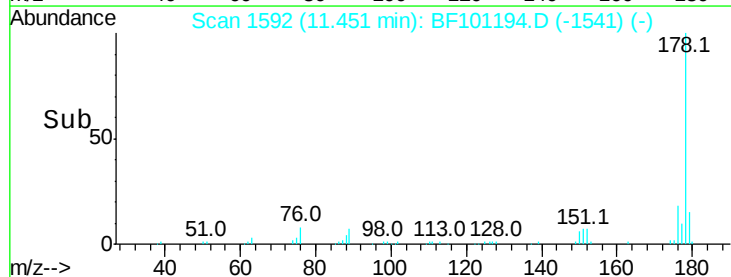
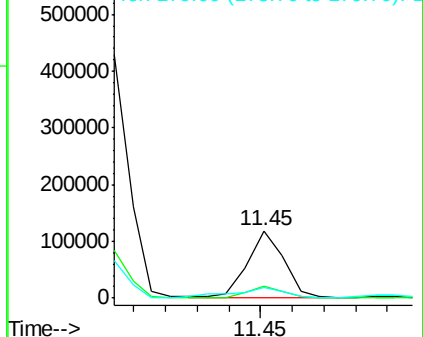


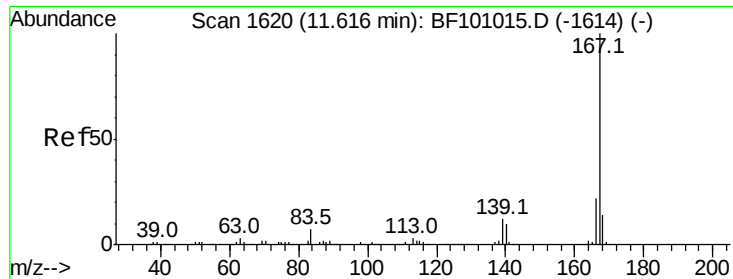
#71
Anthracene
Concen: 15.551 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF101194.D
Acq: 7 Dec 2017 4:05

Tgt Ion:178 Resp: 93592
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.2 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





#72

Carbazole

Concen: 5.888 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

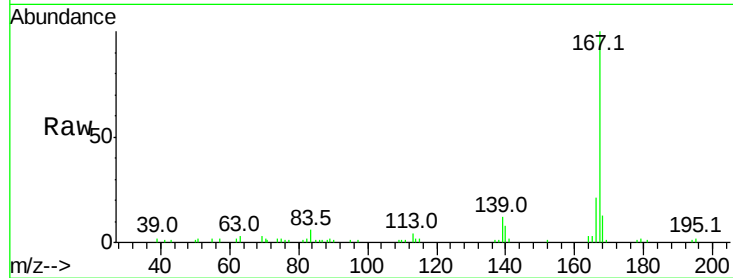
Tot Ion:167 Resp: 32378

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

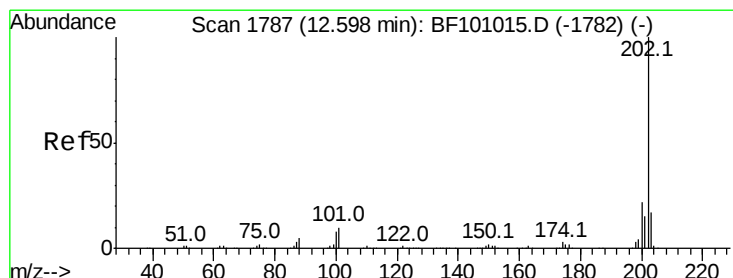
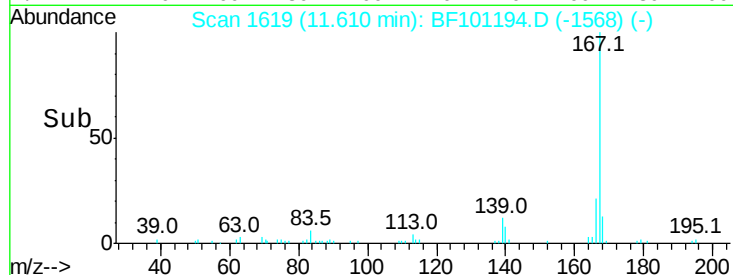
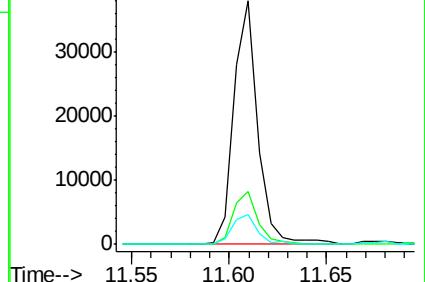
139 12.1 10.9 16.3



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: 55.831 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

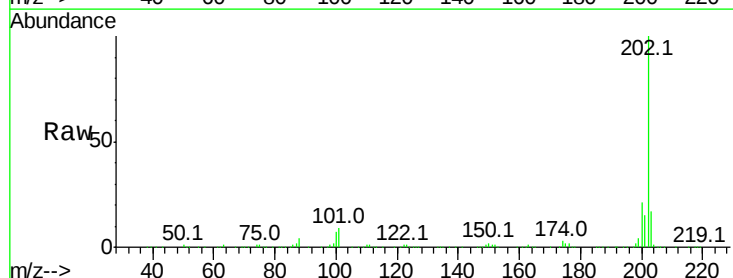
Tgt Ion:202 Resp: 368013

Ion Ratio Lower Upper

202 100

101 9.1 0.0 34.1

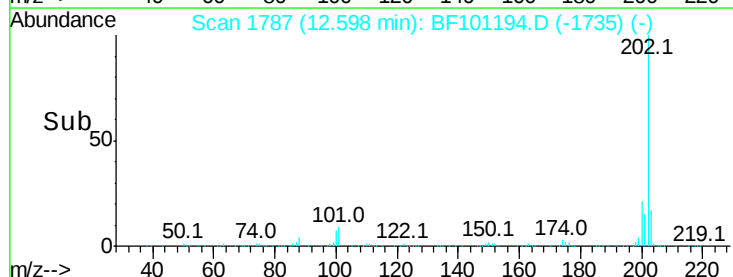
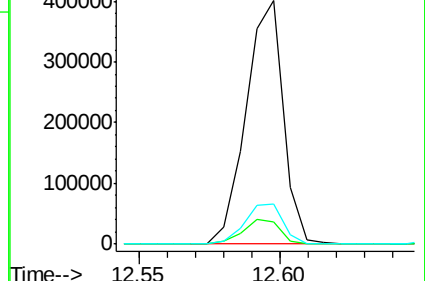
203 16.7 0.0 38.1

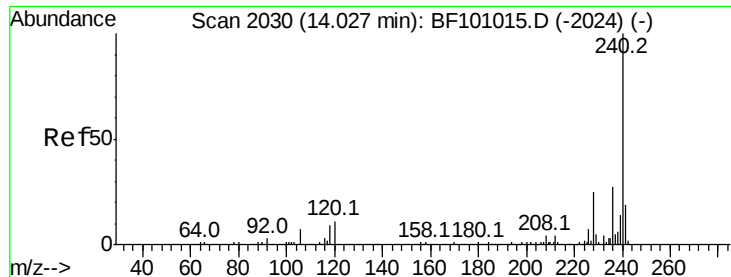


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

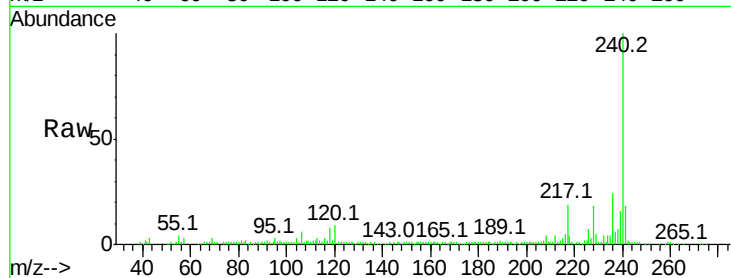
Tot Ion:240 Resp: 98959

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

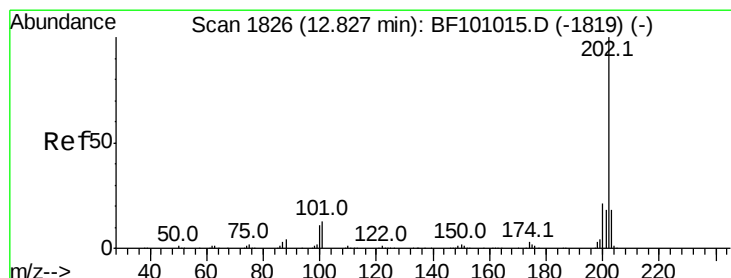
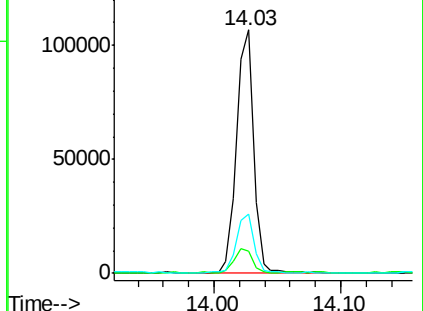
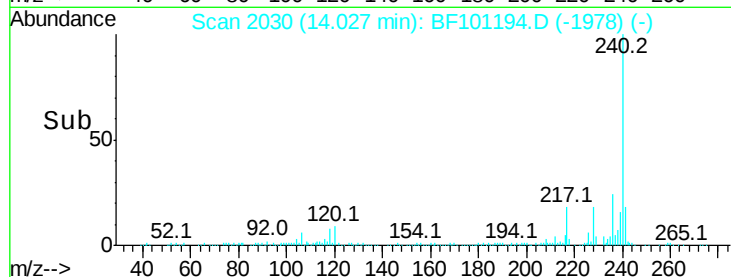
236 24.2 20.7 31.1



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: 46.713 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

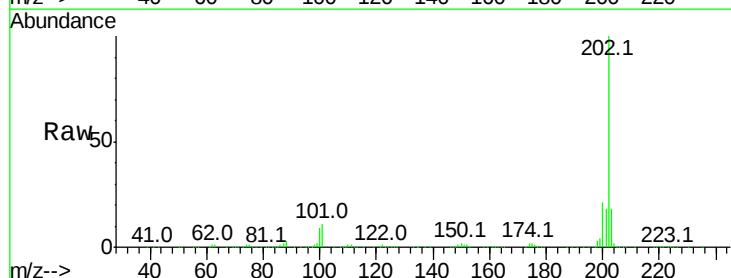
Tgt Ion:202 Resp: 318981

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

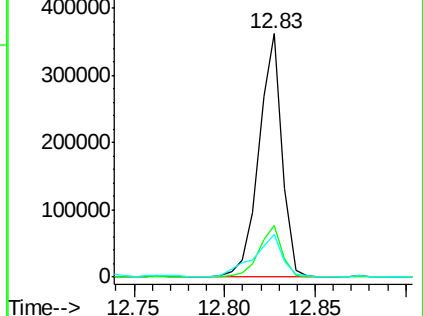
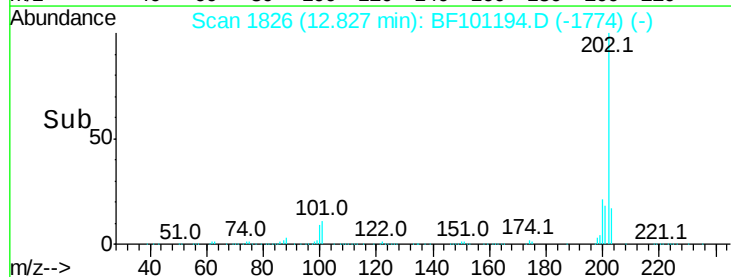
203 17.6 14.3 21.5

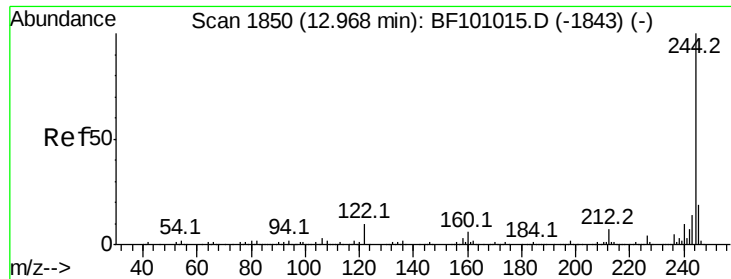


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

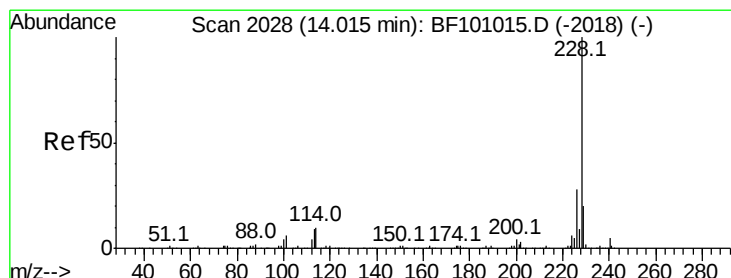
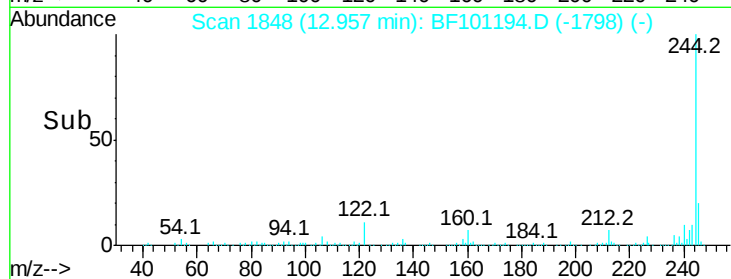
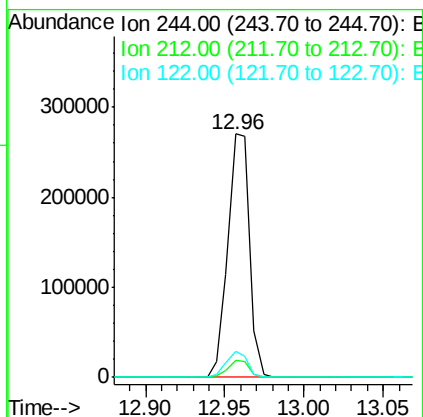
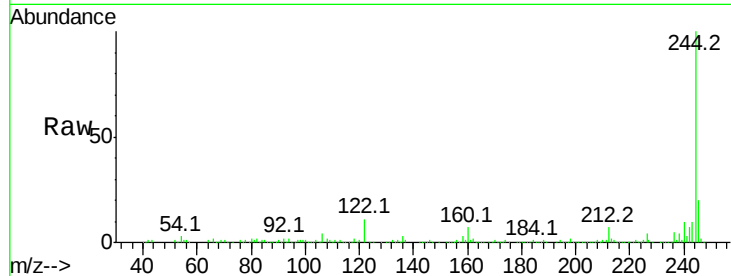




#78
 Terphenyl-d14
 Concen: 57.030 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

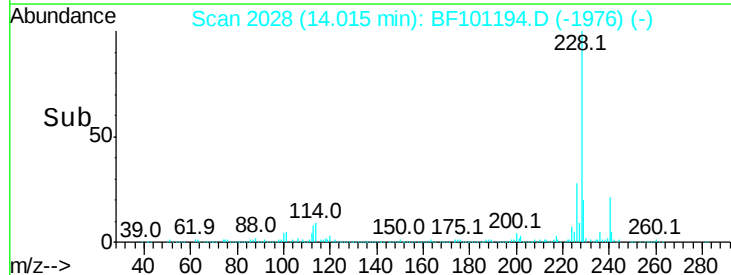
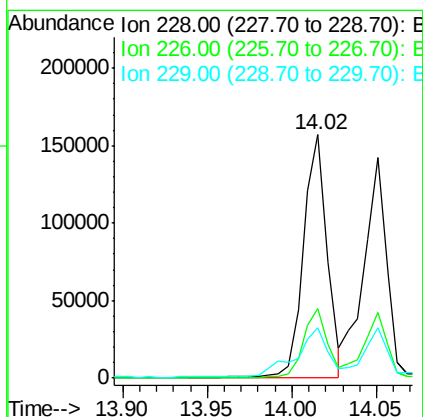
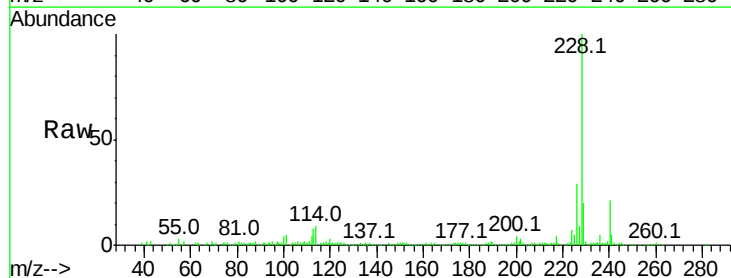
Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

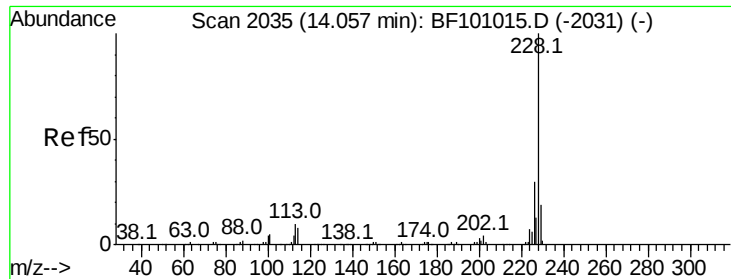
Tot Ion:244 Resp: 258022
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.8 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 24.217 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

Tgt Ion:228 Resp: 151312
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.6 33.8
 229 20.5 15.8 23.6





#82

Chrysene

Concen: 21.328 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

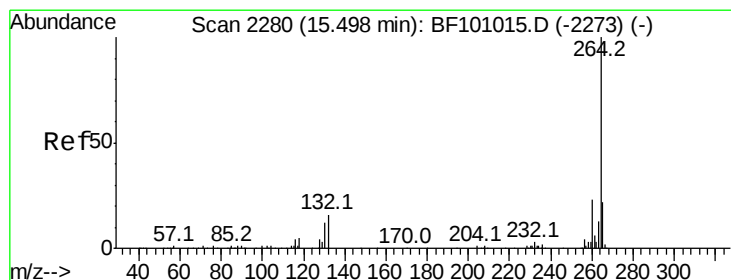
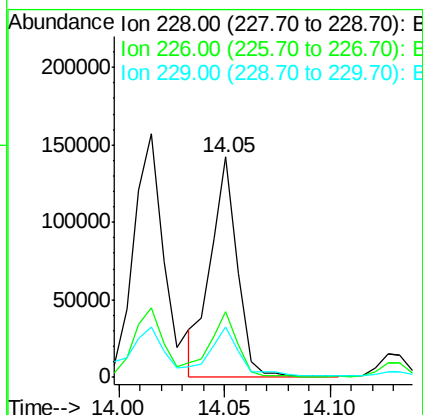
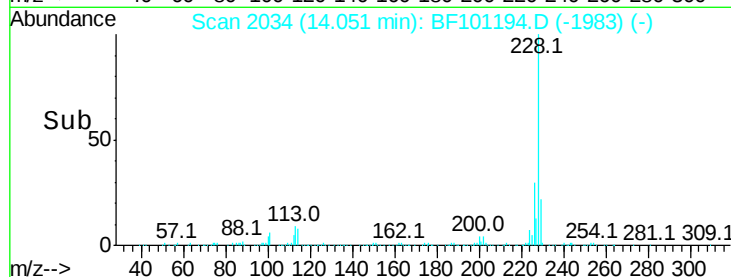
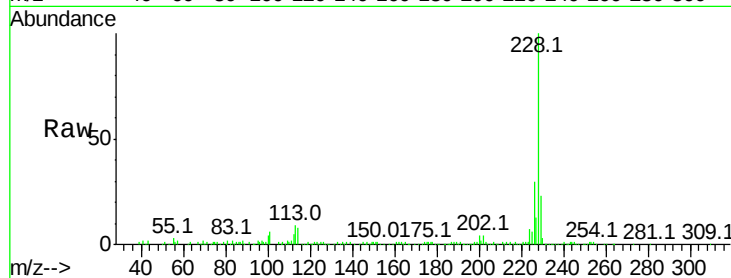
Tot Ion:228 Resp: 123763

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 22.7 16.2 24.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

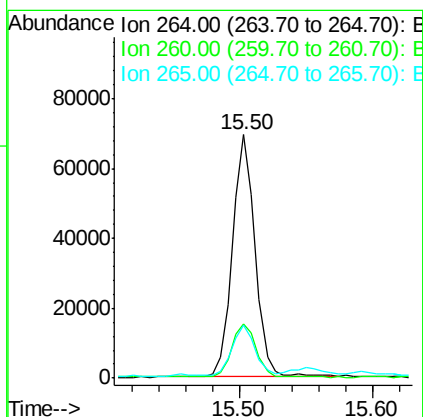
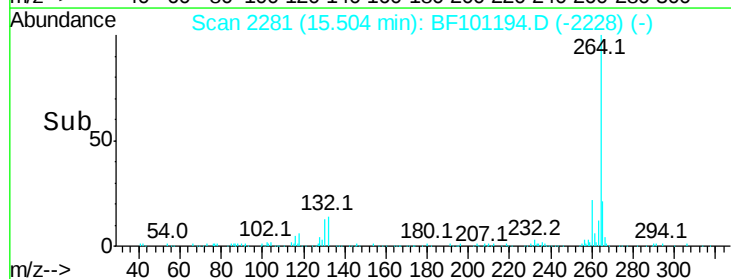
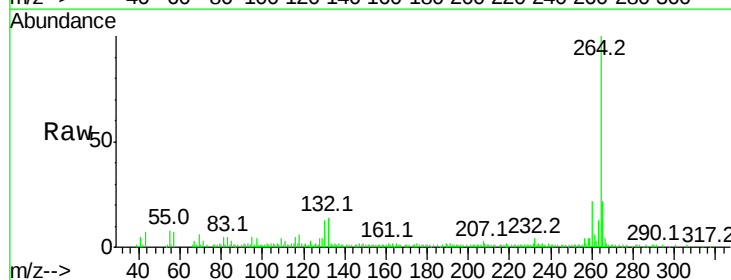
Tgt Ion:264 Resp: 82752

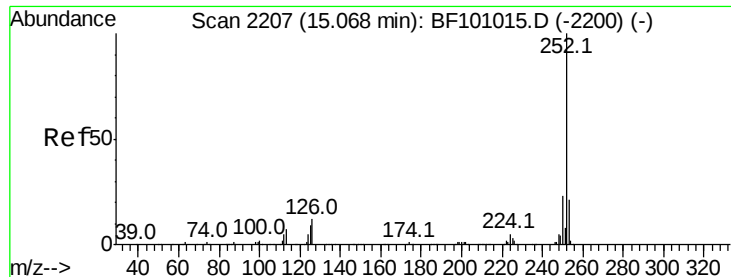
Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 38.106 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

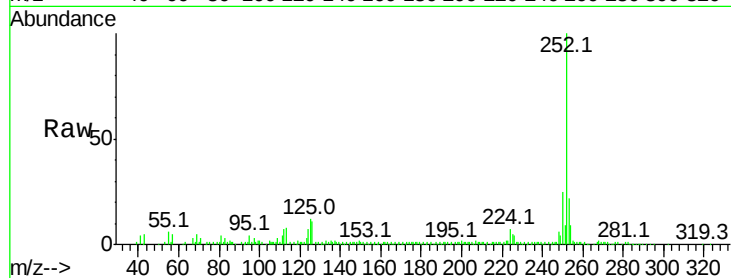
Tot Ion:252 Resp: 188877

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

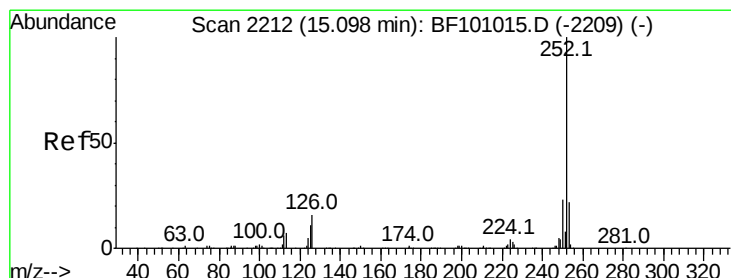
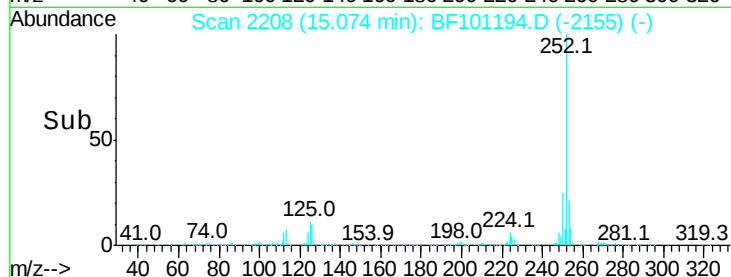
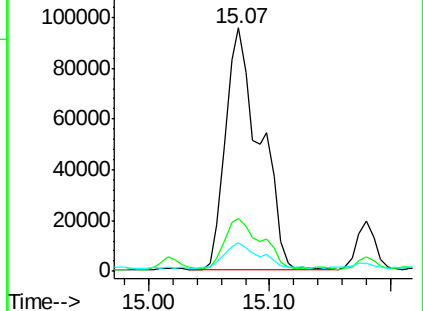
125 11.7 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 38.677 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

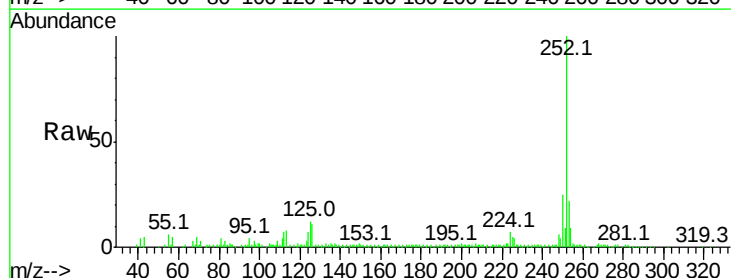
Tgt Ion:252 Resp: 188877

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

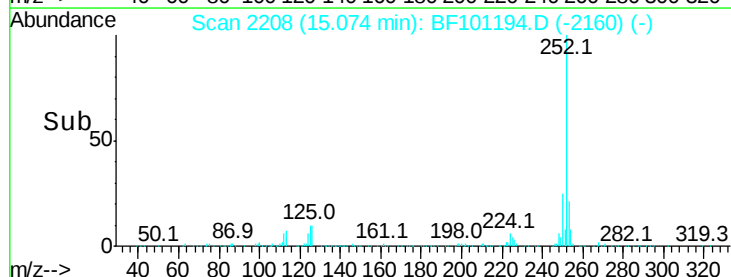
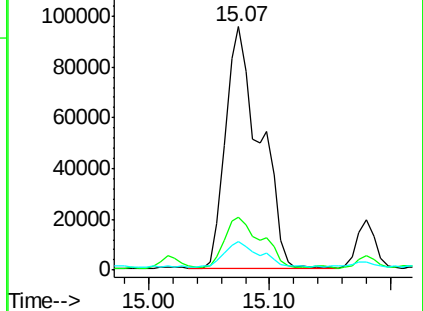
125 11.7 10.2 15.2

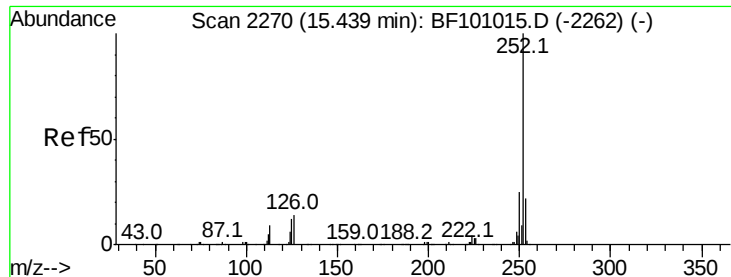


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 22.418 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

Instrument :

BNA_F

ClientSampleId :

BART-2-E(7-8)

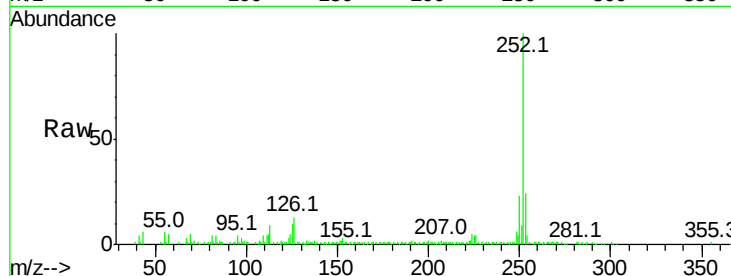
Tot Ion:252 Resp: 101019

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

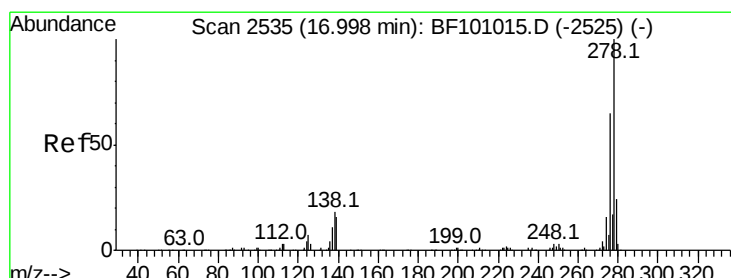
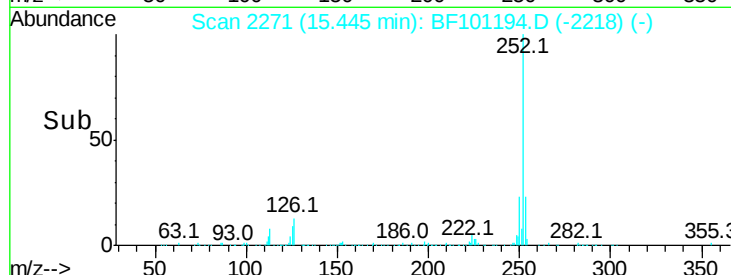
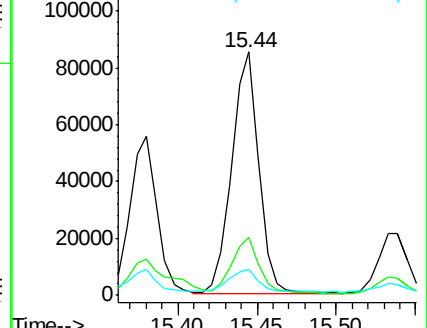
125 10.4 9.8 14.6



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: 3.204 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.18 min

Lab File: BF101194.D

Acq: 7 Dec 2017 4:05

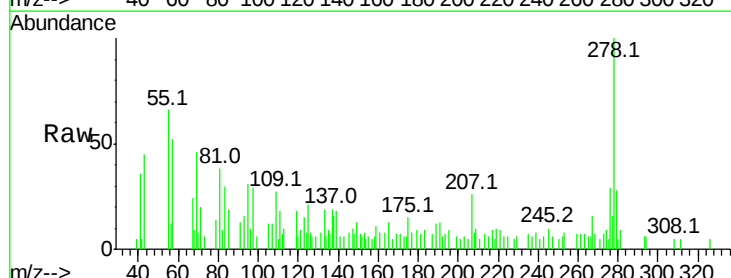
Tgt Ion:278 Resp: 12727

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

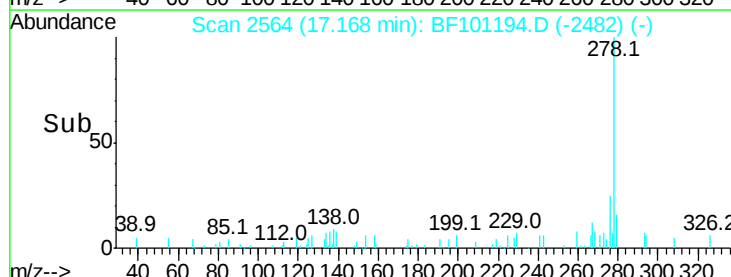
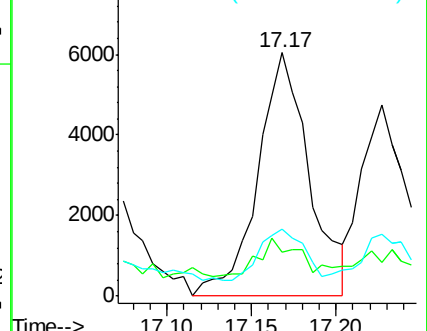
279 27.7 19.0 28.4

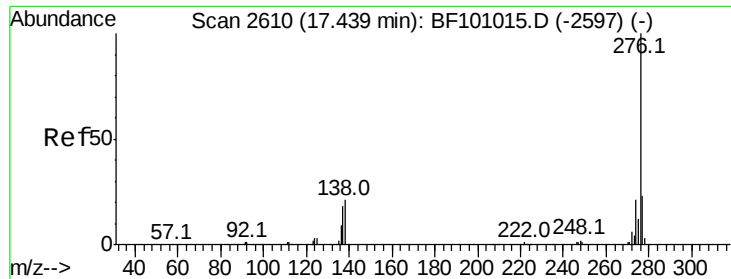


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.798 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.02 min
 Lab File: BF101194.D
 Acq: 7 Dec 2017 4:05

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	17.9	21.8	32.8

