

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104458.D
 Acq On : 12 Apr 2018 18:29
 Operator : JU/SJ
 Sample : J2335-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 00:15:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132807	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	516802	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	205745	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	285878	20.00	ng	0.01
75) Chrysene-d12	14.00	240	215868	20.00	ng	0.01
86) Perylene-d12	15.47	264	193644	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	413976	47.66	ng	0.00
7) Phenol-d6	6.43	99	497317	46.60	ng	-0.01
23) Nitrobenzene-d5	7.37	82	292434	36.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	85137	39.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	485439	37.27	ng	0.00
78) Terphenyl-d14	12.93	244	336445	35.53	ng	0.00

Target Compounds

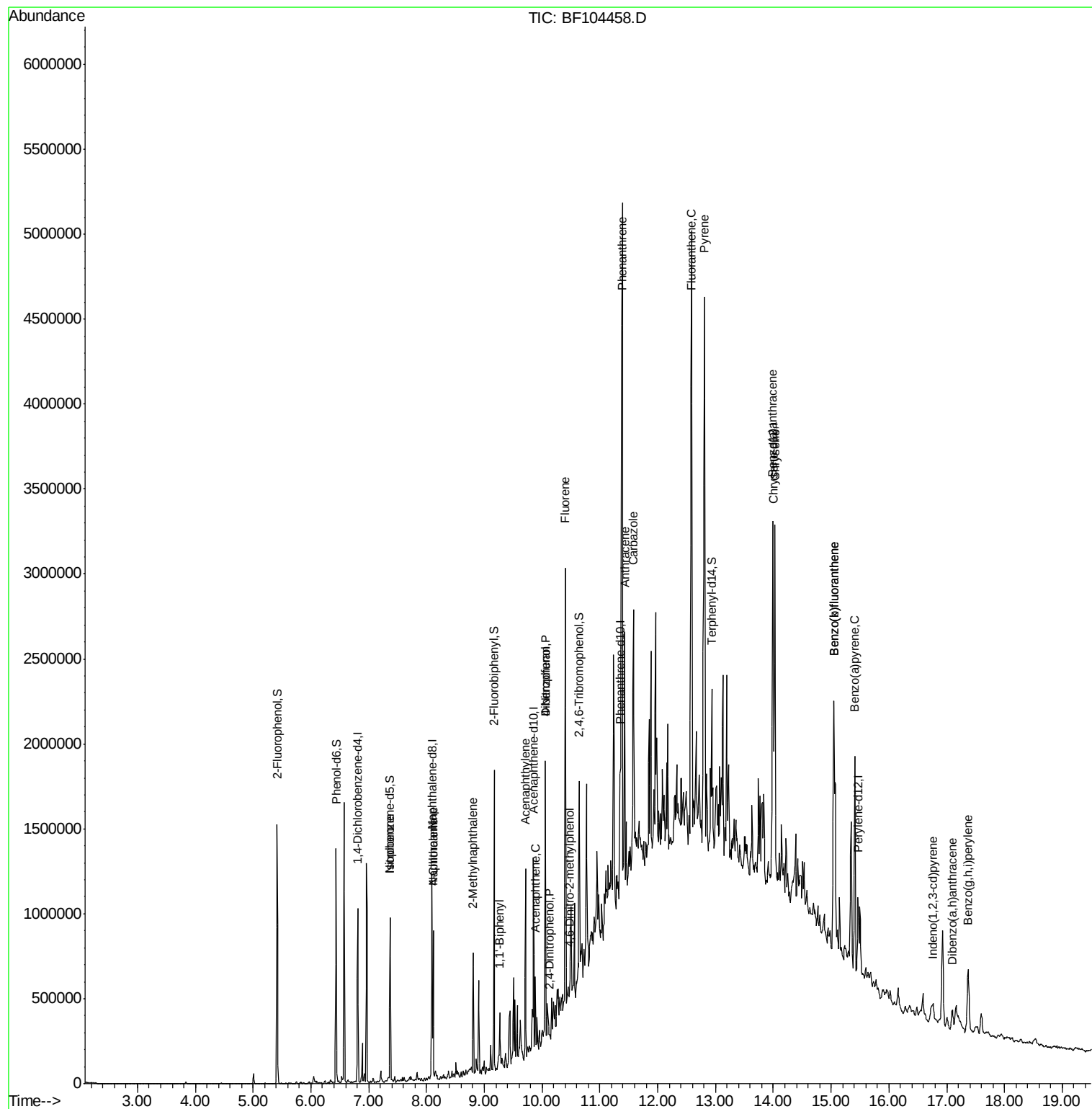
						Qvalue
9) Benzaldehyde	6.36	77	982	Below Cal		90
25) Isophorone	7.37	82	292434	17.473 ng	#	64
31) Naphthalene	8.12	128	322367	12.527 ng		99
33) 4-Chloroaniline	8.12	127	42835	3.885 ng	#	36
37) 2-Methylnaphthalene	8.80	142	190601	11.450 ng		98
45) 1,1'-Biphenyl	9.27	154	82295	4.761 ng		97
48) Acenaphthylene	9.71	152	422490	19.724 ng		100
51) Acenaphthene	9.88	154	69399	5.310 ng		99
53) 2,4-Dinitrophenol	10.13	184	215	5.387 ng	#	68
54) Dibenzofuran	10.06	168	579063	31.794 ng		98
55) 4-Nitrophenol	10.06	139	221221	80.127 ng	#	11
57) Fluorene	10.40	166	761794	57.465 ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	270	7.511 ng	#	1
70) Phenanthrene	11.39	178	2837161	178.210 ng		99
71) Anthracene	11.43	178	539914	33.363 ng		100
72) Carbazole	11.58	167	570252	36.060 ng		99
74) Fluoranthene	12.59	202	2534996	152.401 ng		98
76) Benzidine	12.67	184	1374	Below Cal	#	1
77) Pyrene	12.81	202	2042724	127.663 ng		98
80) Benzo(a)anthracene	13.99	228	938611	72.782 ng		94
82) Chrysene	14.03	228	930011	70.209 ng		97
85) Indeno(1,2,3-cd)pyrene	16.76	276	71144	6.322 ng		98
87) Benzo(b)fluoranthene	15.05	252	1370669	112.072 ng	#	94
88) Benzo(k)fluoranthene	15.05	252	1370669	118.709 ng		97
89) Benzo(a)pyrene	15.41	252	645571	58.994 ng		95
90) Dibenzo(a,h)anthracene	17.10	278	66118	7.357 ng		97
91) Benzo(g,h,i)perylene	17.37	276	324404	37.256 ng		96

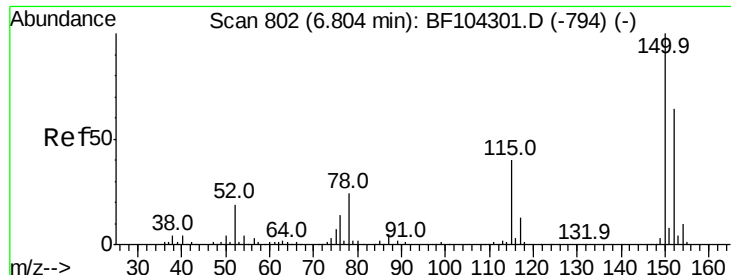
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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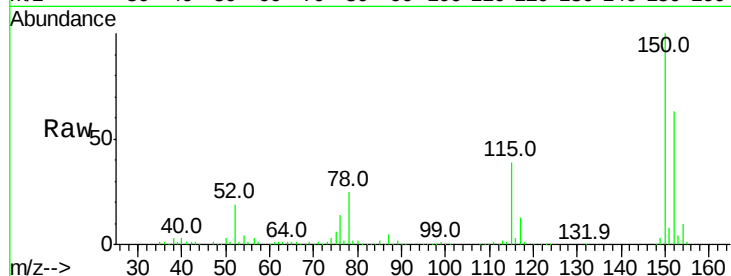


#1

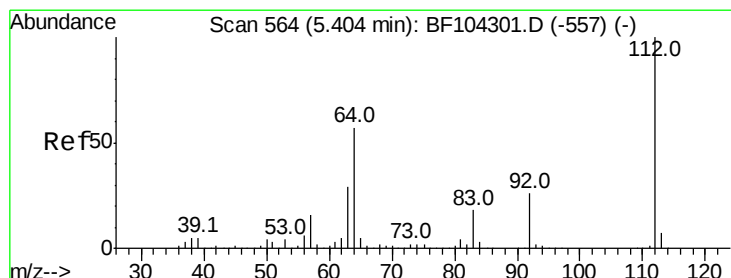
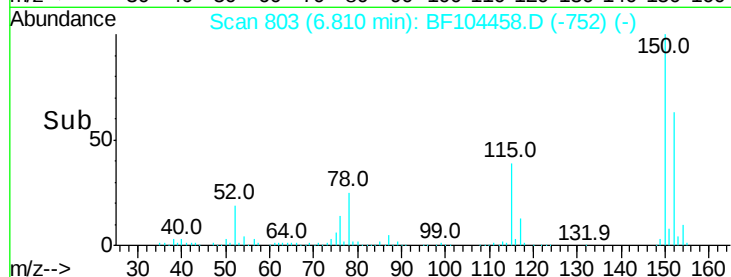
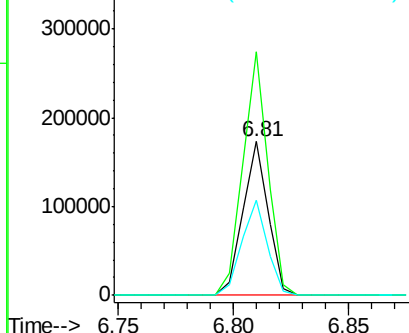
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104458.D
Acq: 12 Apr 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132807
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.5 50.1 75.1



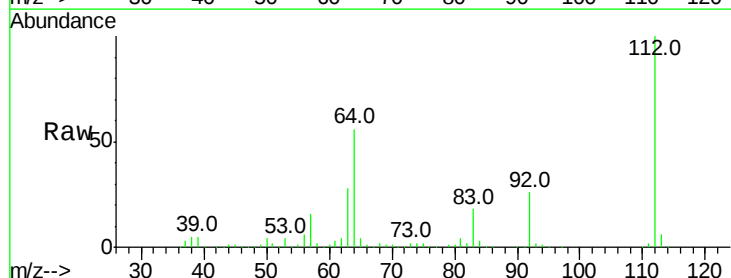
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



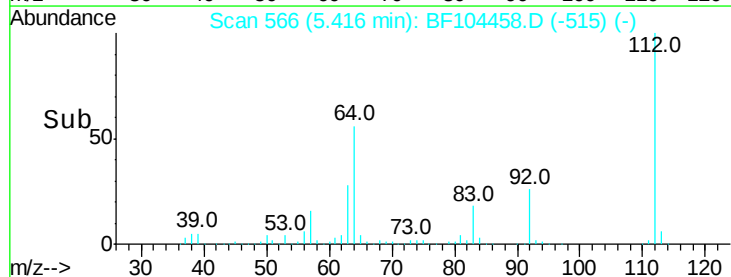
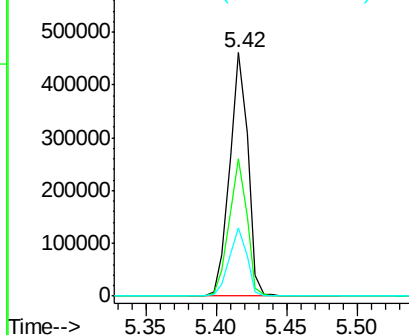
#5

2-Fluorophenol
Concen: 47.663 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104458.D
Acq: 12 Apr 2018 18:29

Tgt Ion:112 Resp: 413976
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.2 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: 46.601 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

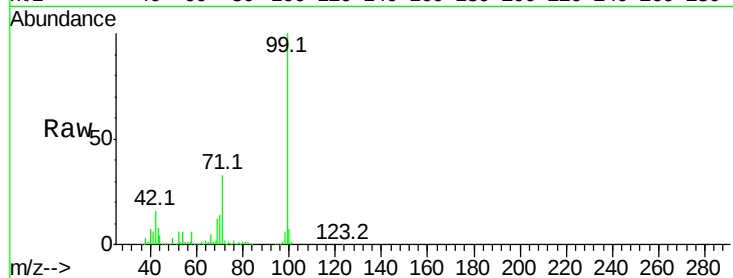
Tot Ion: 99 Resp: 497317

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

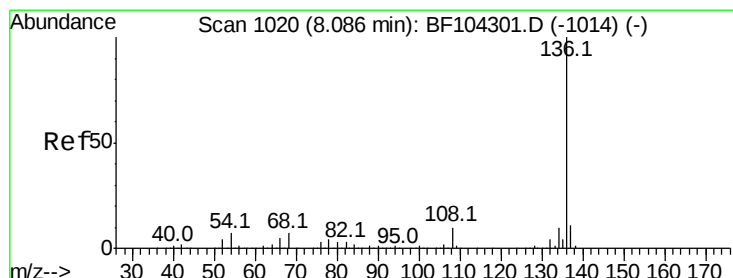
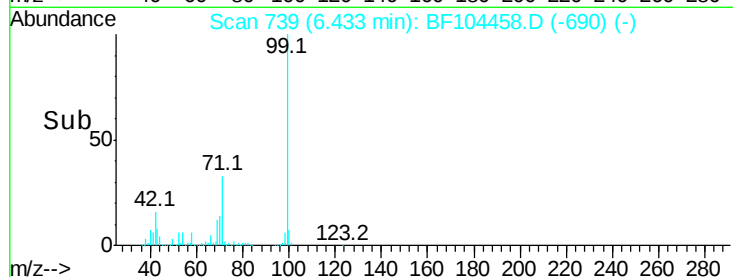
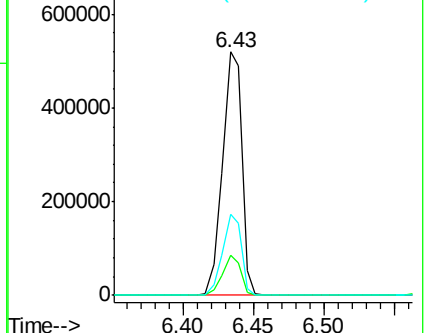
71 33.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Tgt Ion: 136 Resp: 516802

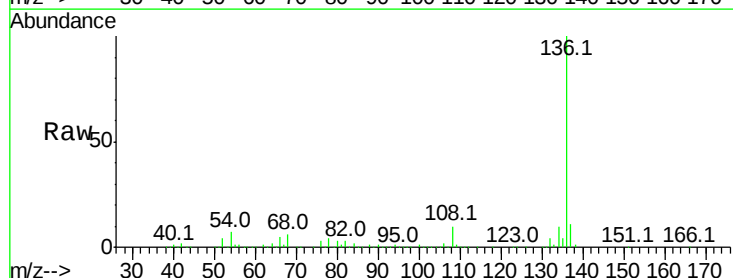
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.2 5.0 7.4

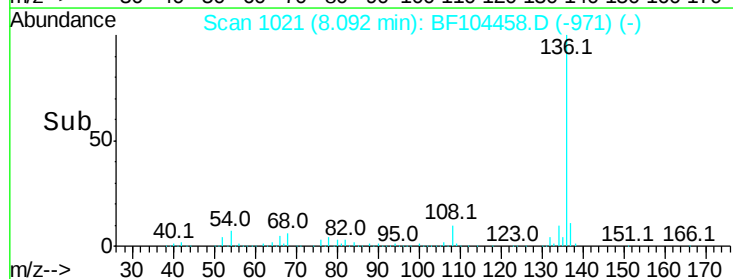
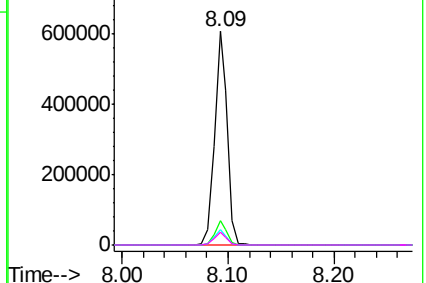


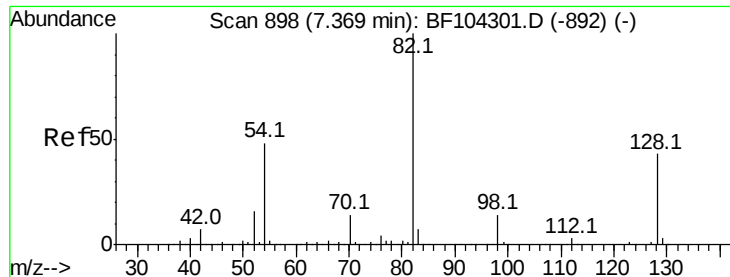
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 36.949 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampled :

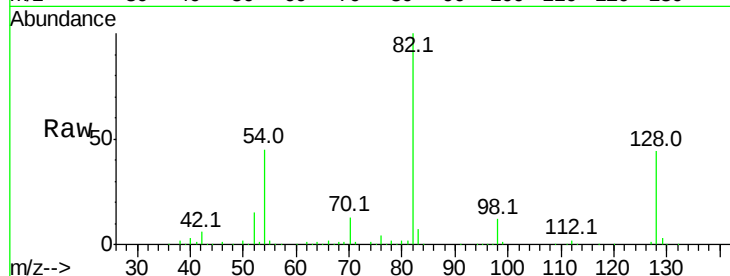
Tot Ion: 82 Resp: 292434

Ion Ratio Lower Upper

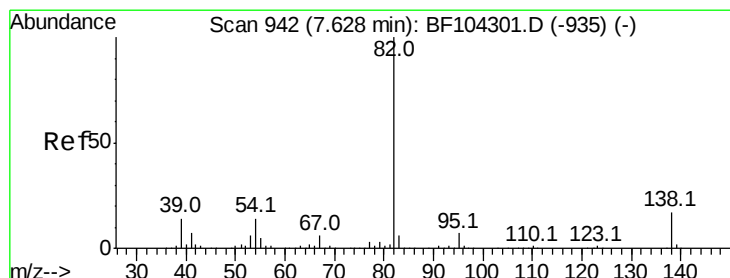
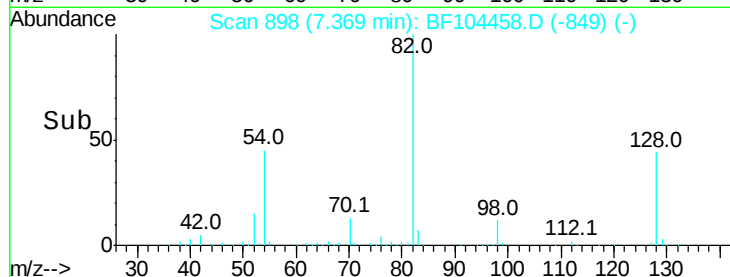
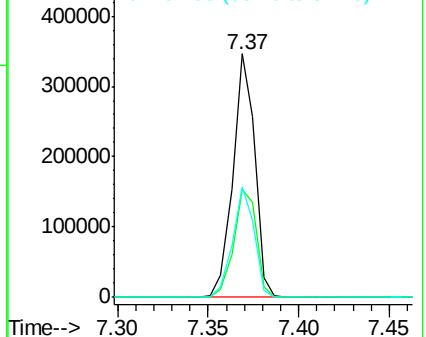
82 100

128 44.2 36.1 54.1

54 45.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 17.473 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

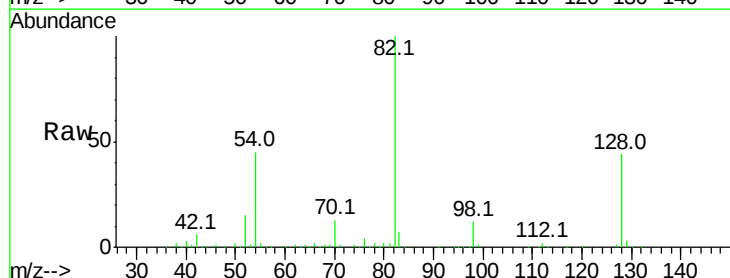
Tgt Ion: 82 Resp: 292434

Ion Ratio Lower Upper

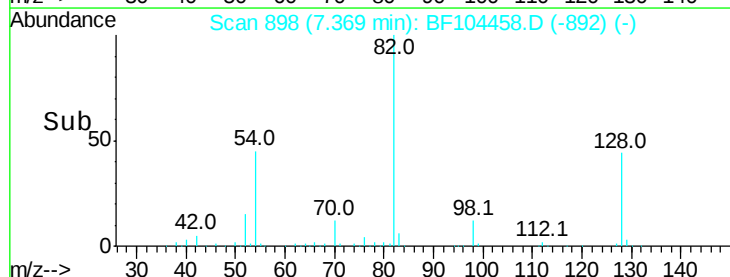
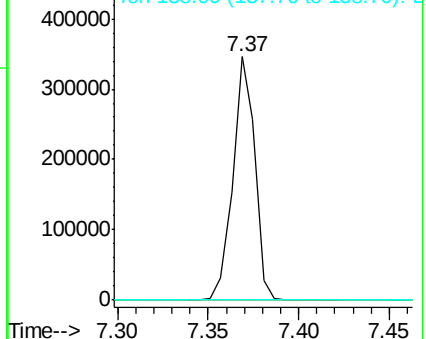
82 100

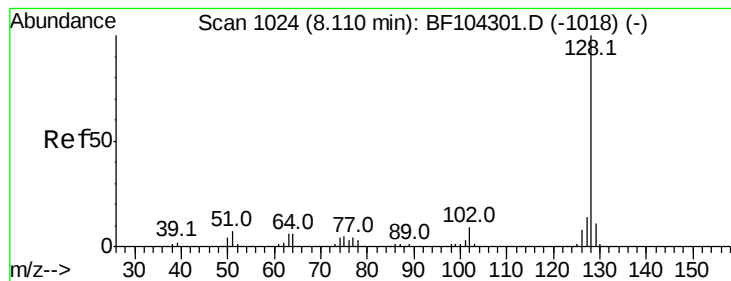
95 0.3 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 12.527 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampled :

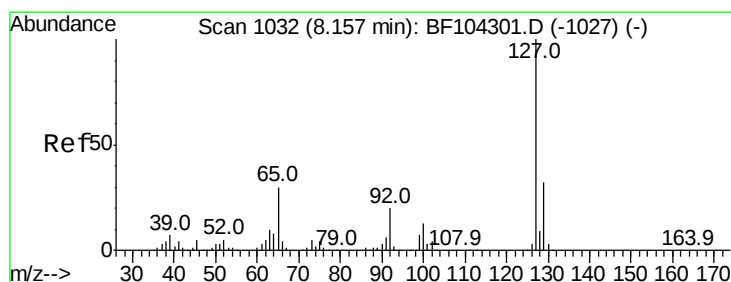
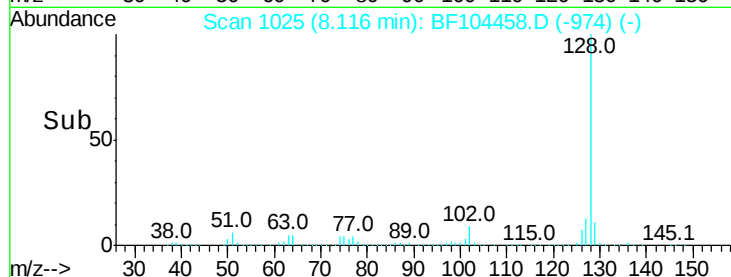
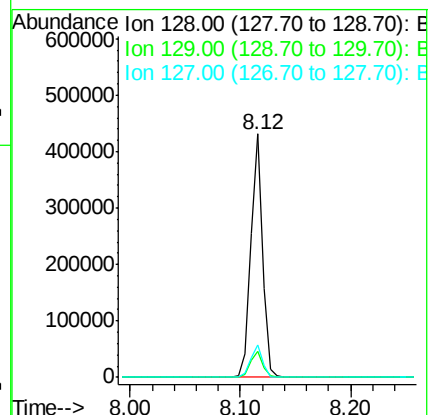
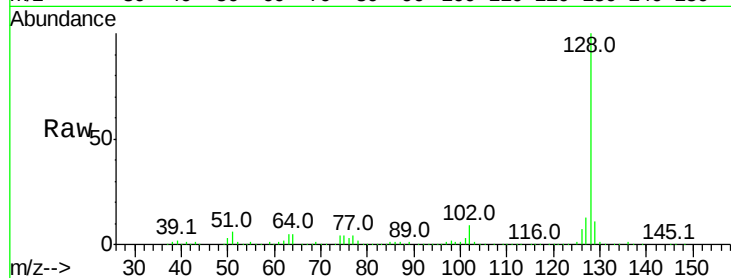
Tot Ion:128 Resp: 322367

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.3 10.9 16.3



#33

4-Chloroaniline

Concen: 3.885 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Tgt Ion:127 Resp: 42835

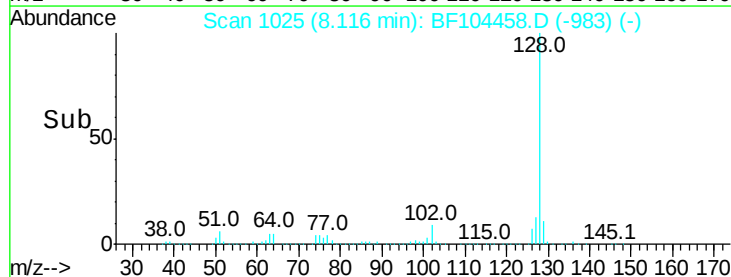
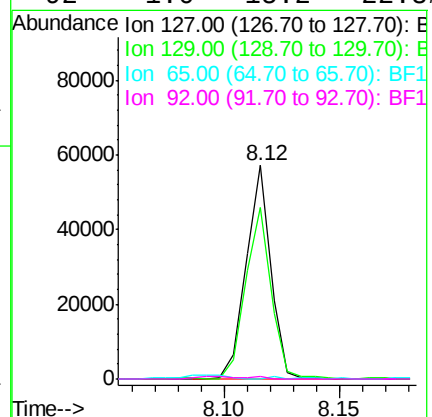
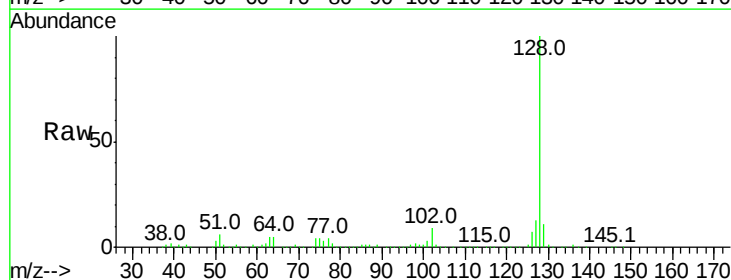
Ion Ratio Lower Upper

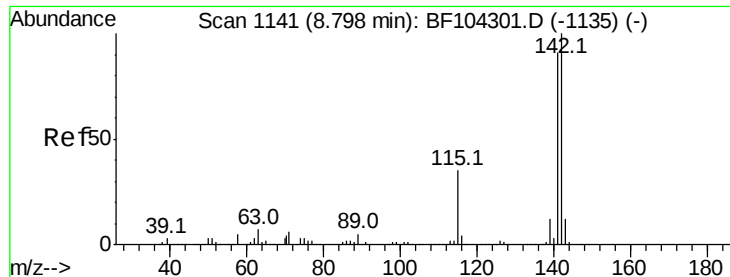
127 100

129 80.3 25.9 38.9#

65 0.0 25.0 37.4#

92 1.0 15.2 22.8#

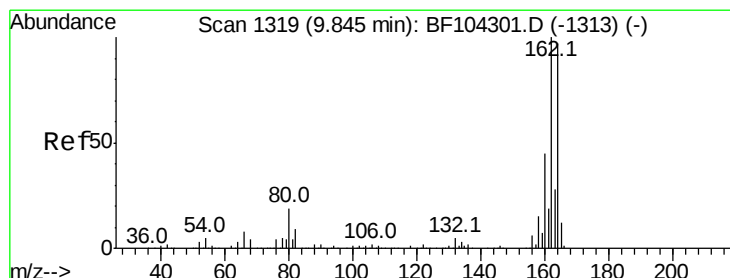
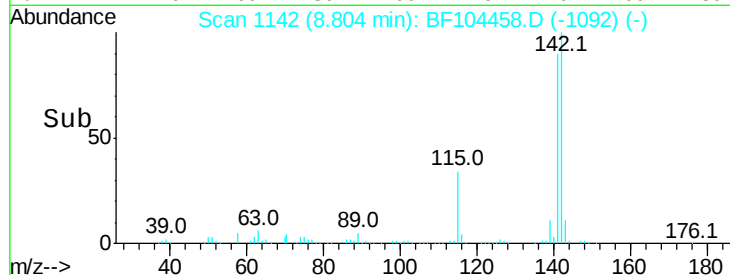
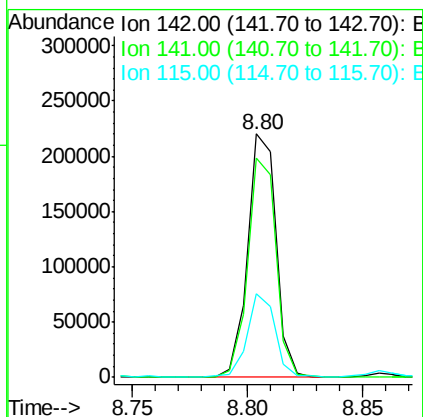
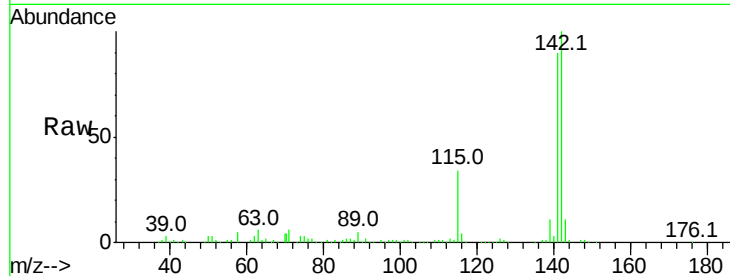




#37
 2-Methylnaphthalene
 Concen: 11.450 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

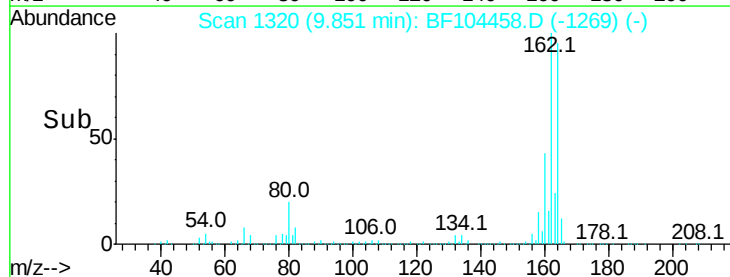
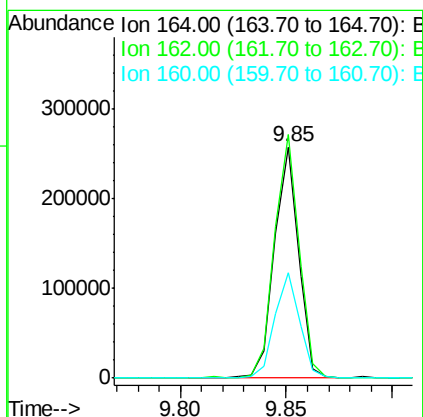
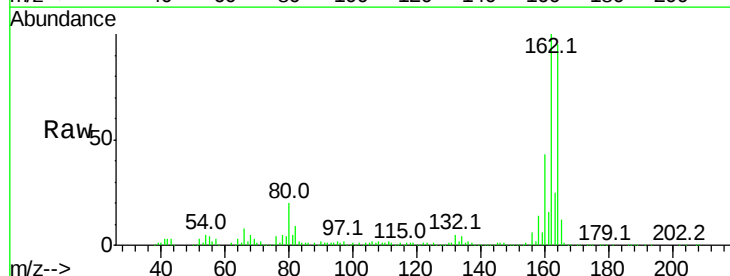
Instrument :
 BNA_F
 ClientSampleID :

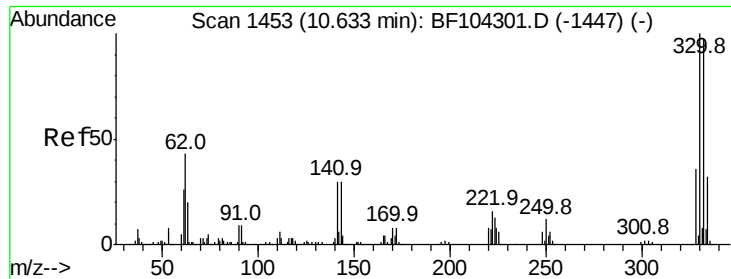
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.1	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.5	38.3	57.5

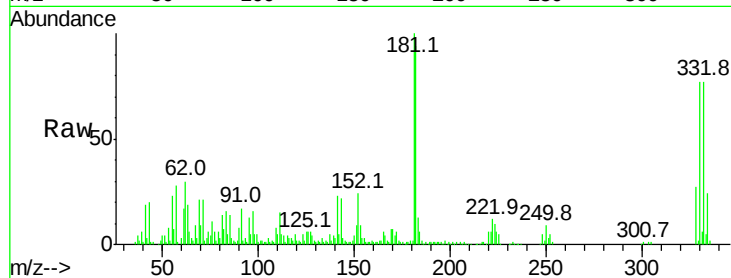




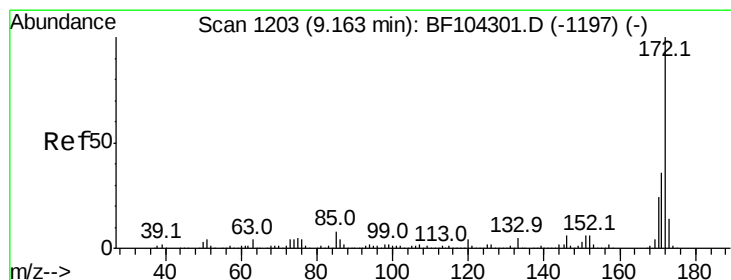
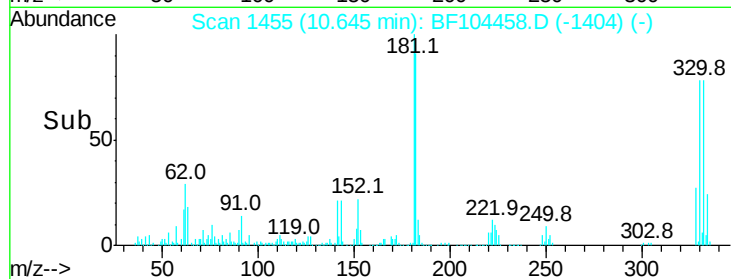
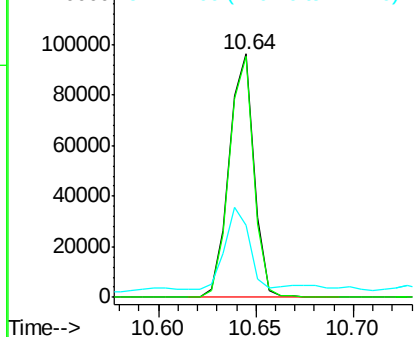
#41
 2,4,6-Tribromophenol
 Concen: 39.891 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 85137
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 33.5 29.9 44.9

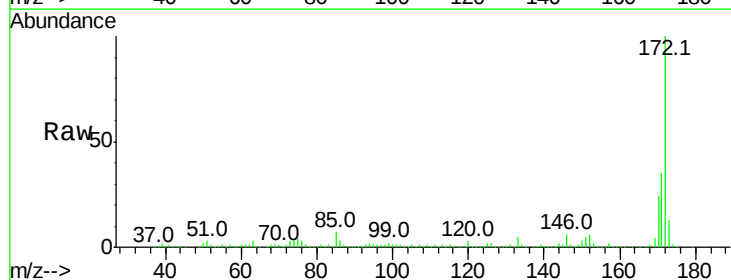


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

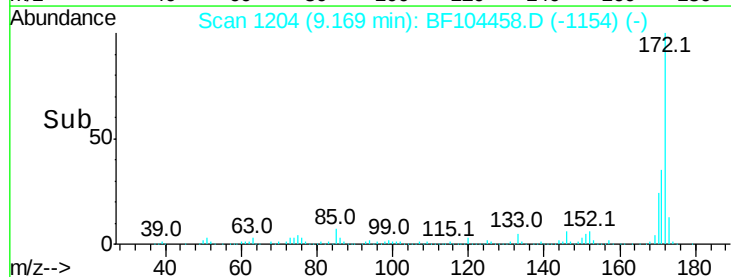
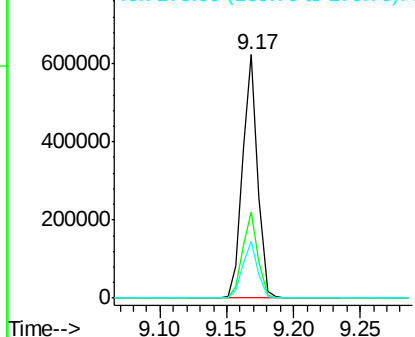


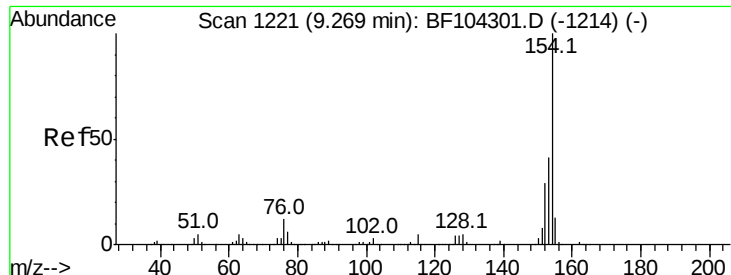
#44
 2-Fluorobiphenyl
 Concen: 37.273 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

Tgt Ion:172 Resp: 485439
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.5 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





#45

1,1'-Biphenyl

Concen: 4.761 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampled :

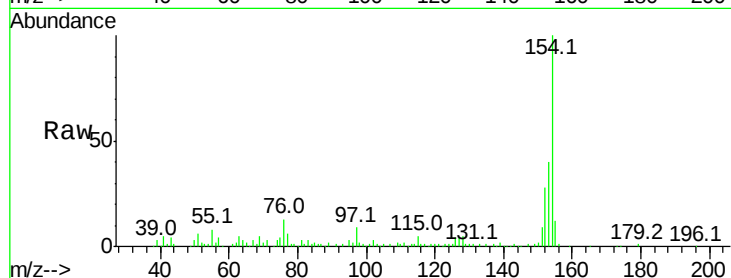
Tot Ion:154 Resp: 82295

Ion Ratio Lower Upper

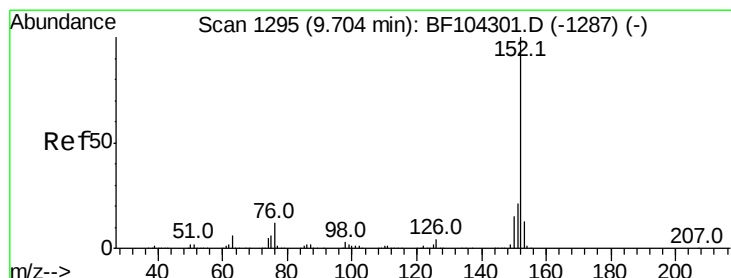
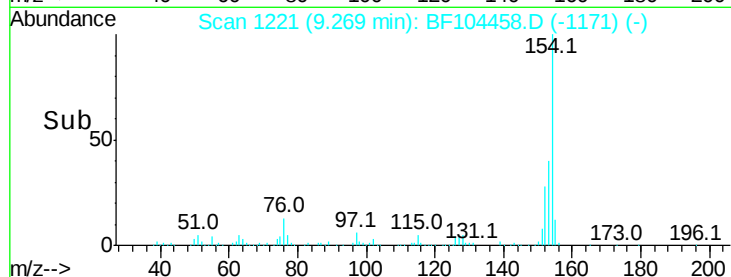
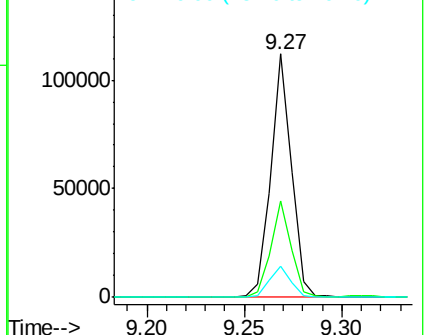
154 100

153 39.6 21.3 61.3

76 12.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 19.724 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

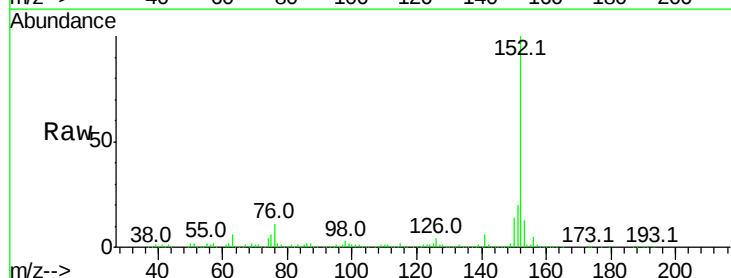
Tgt Ion:152 Resp: 422490

Ion Ratio Lower Upper

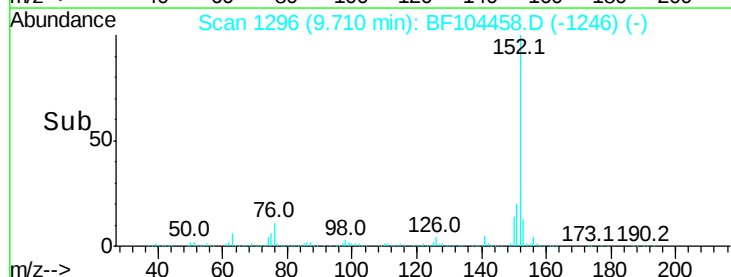
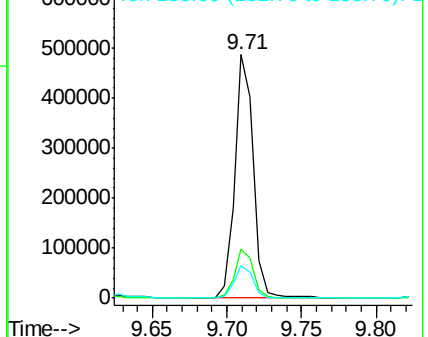
152 100

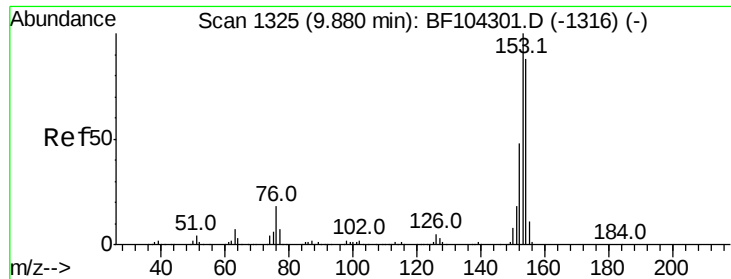
151 20.2 16.3 24.5

153 13.5 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





#51

Acenaphthene

Concen: 5.310 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

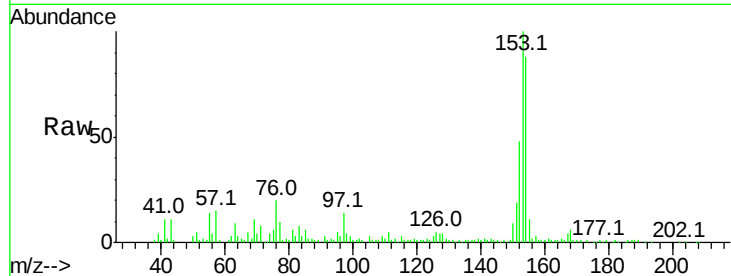
Tot Ion:154 Resp: 69399

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

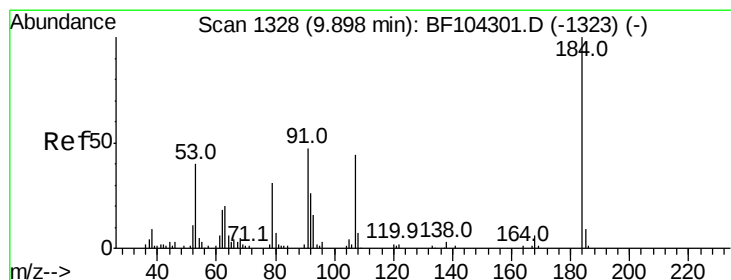
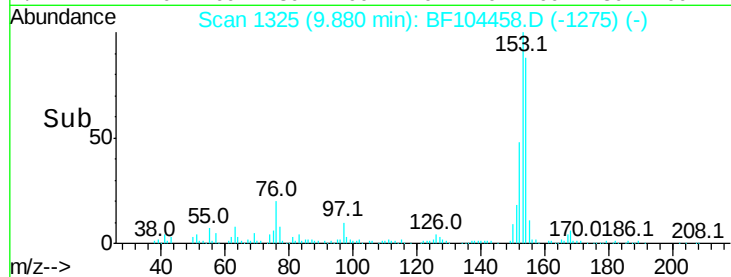
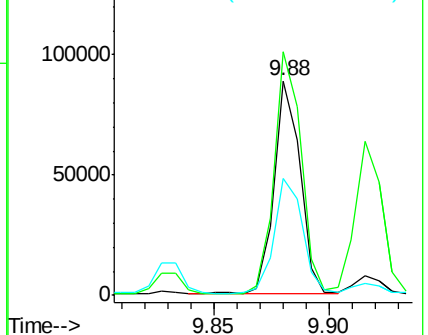
152 54.3 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 5.387 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.22 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

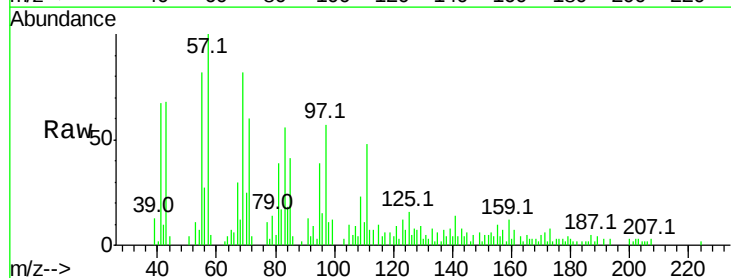
Tgt Ion:184 Resp: 215

Ion Ratio Lower Upper

184 100

63 122.0 54.2 81.2#

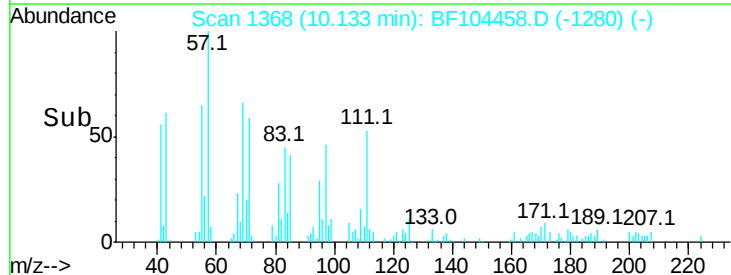
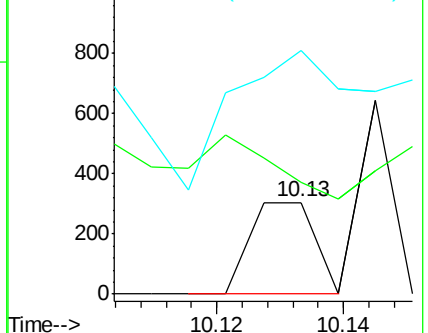
154 265.2 184.0 276.0

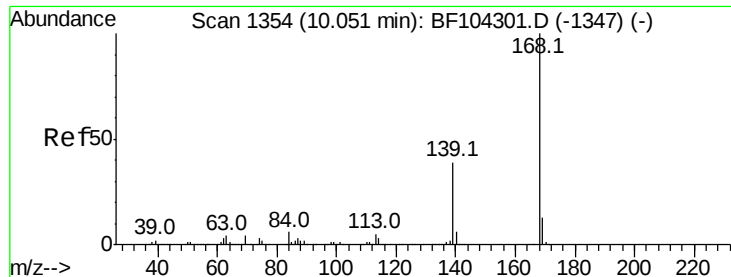


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 31.794 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

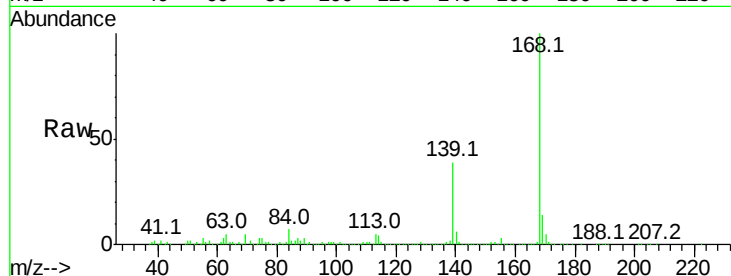
Tot Ion:168 Resp: 579063

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

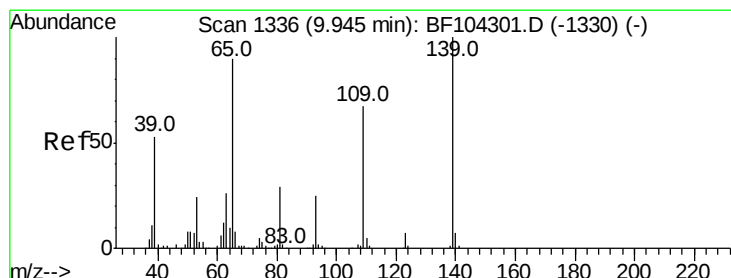
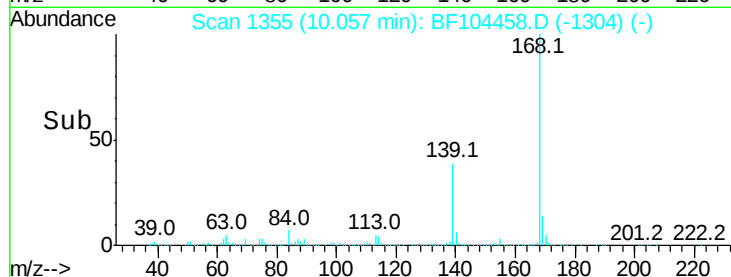
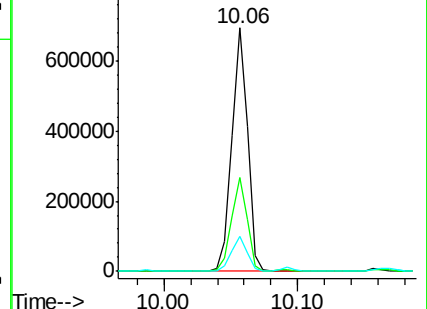
169 14.3 10.9 16.3



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: 80.127 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.09 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

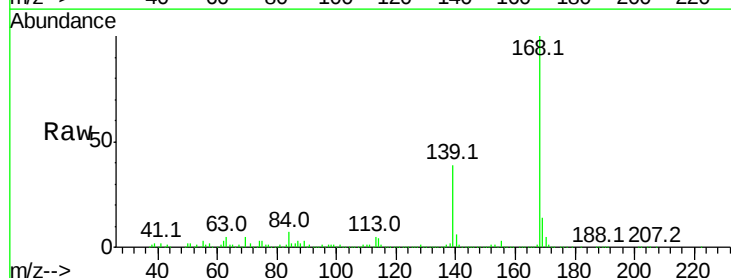
Tgt Ion:139 Resp: 221221

Ion Ratio Lower Upper

139 100

109 2.6 48.4 88.4#

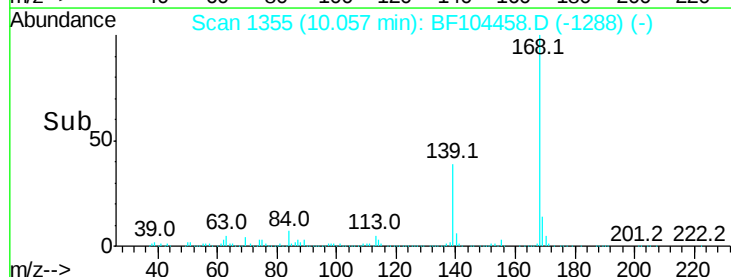
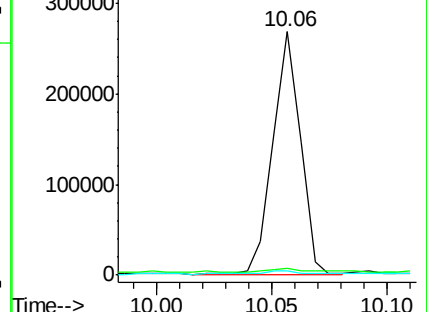
65 2.0 72.6 112.6#

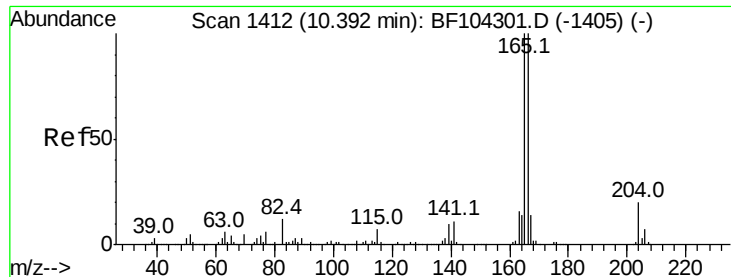


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

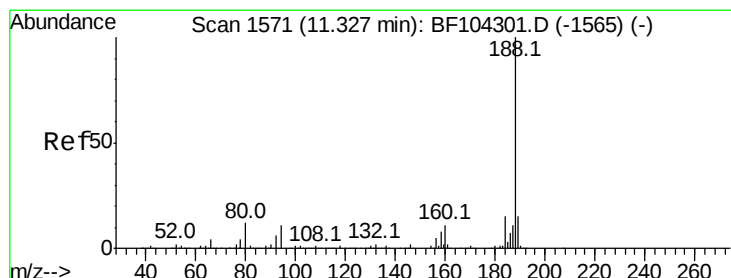
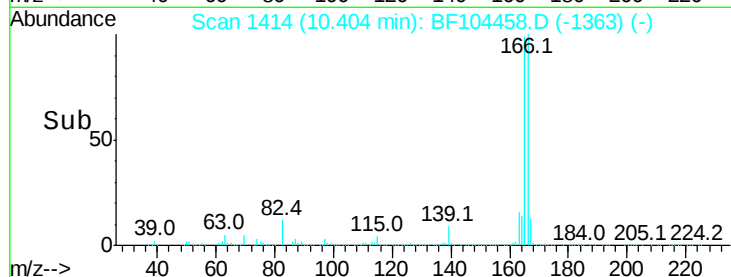
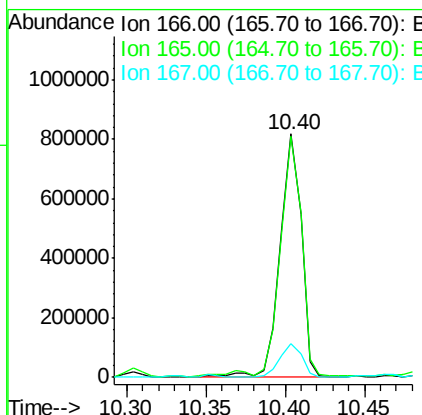
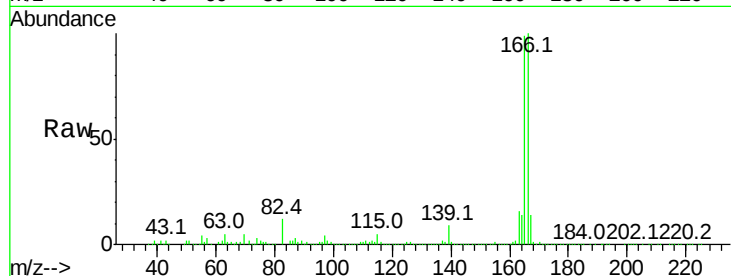




#57
Fluorene
 Concen: 57.465 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

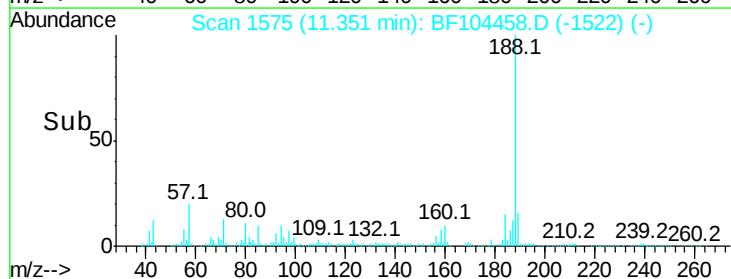
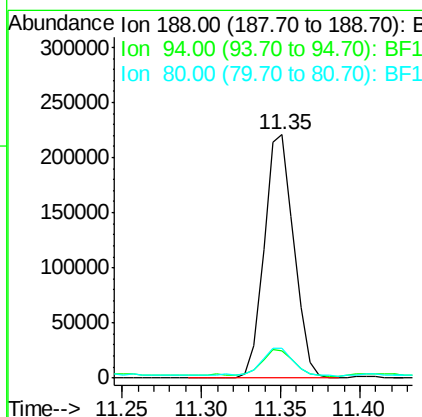
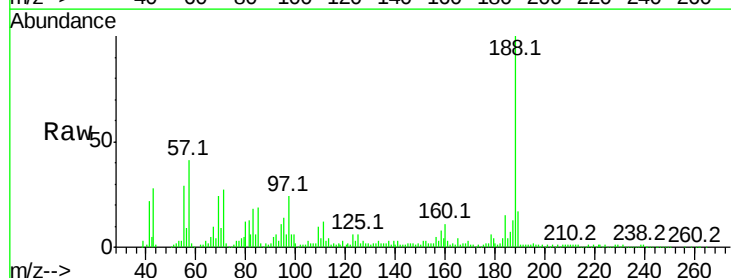
Instrument :
 BNA_F
 ClientSampleId :

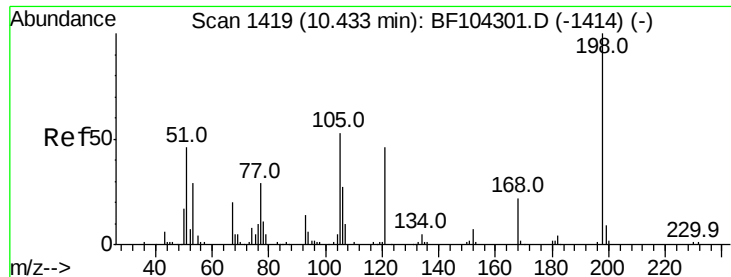
Tot Ion:166 Resp: 761794
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.8
 167 13.8 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

Tgt Ion:188 Resp: 285878
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.2 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.511 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

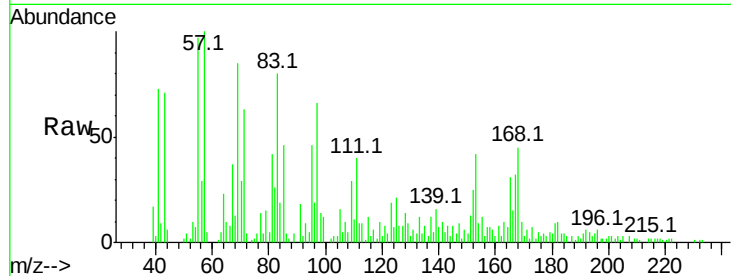
Tot Ion:198 Resp: 270

Ion Ratio Lower Upper

198 100

51 265.8 37.7 77.7#

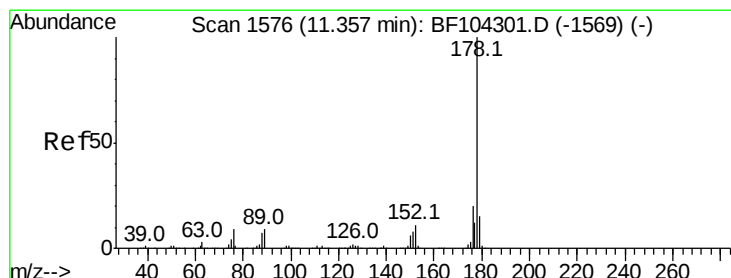
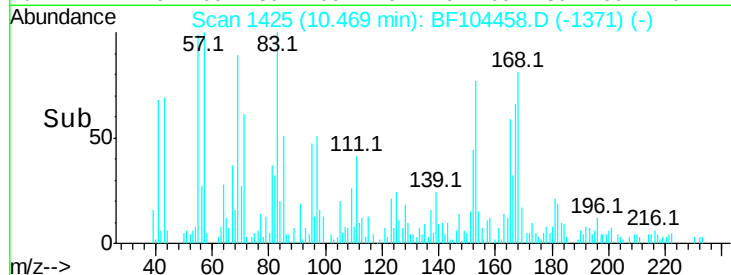
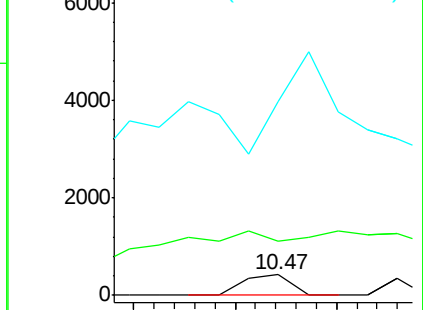
105 942.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 178.210 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

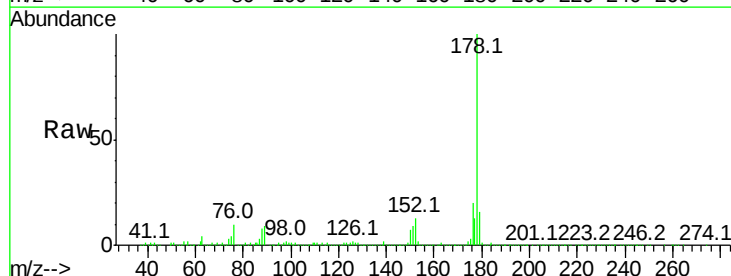
Tgt Ion:178 Resp: 2837161

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

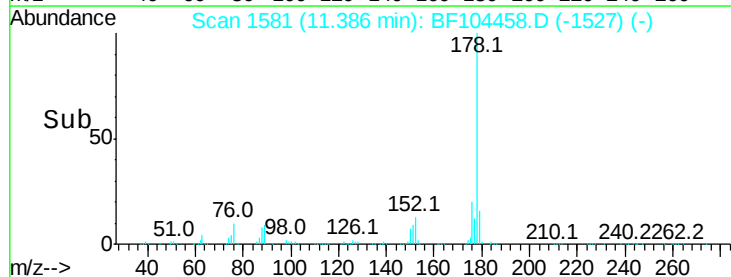
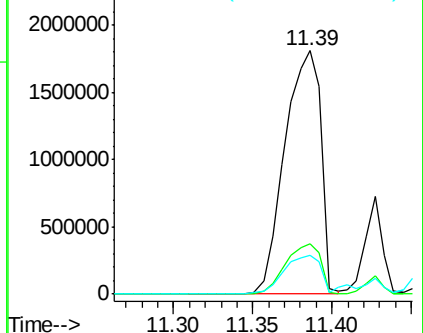
179 16.1 13.0 19.6

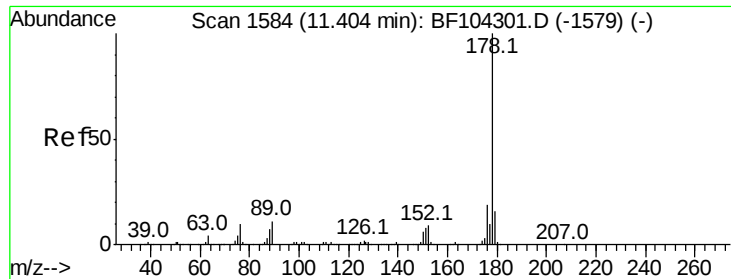


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

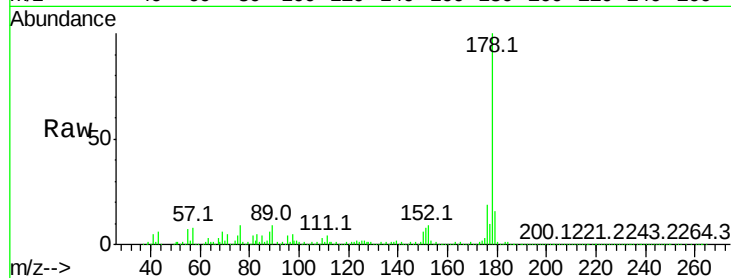




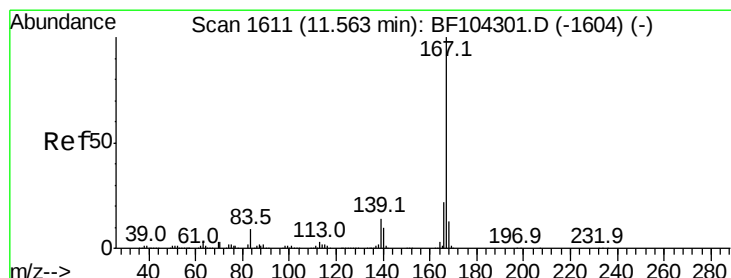
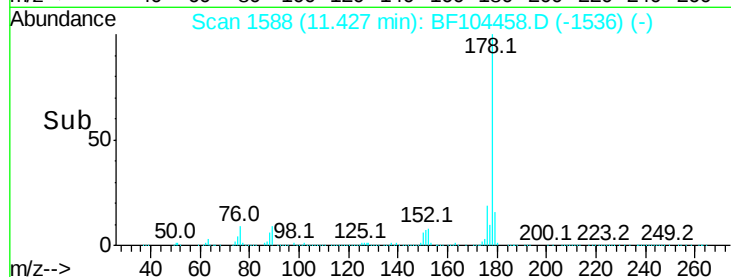
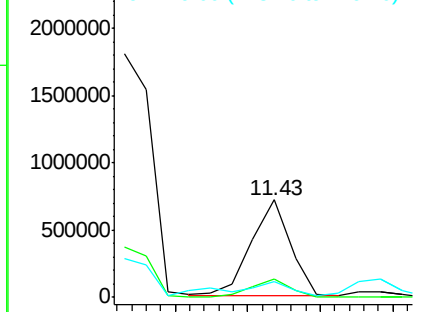
#71
 Anthracene
 Concen: 33.363 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:178 Resp: 539914
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.0 12.6 19.0

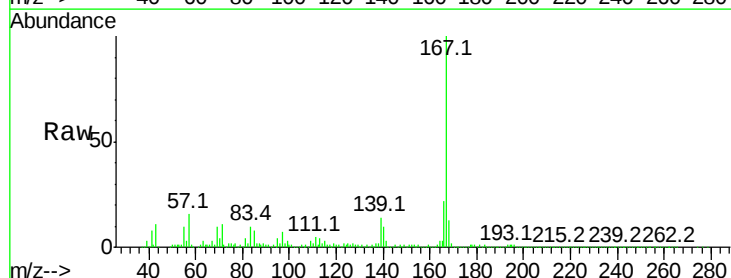


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

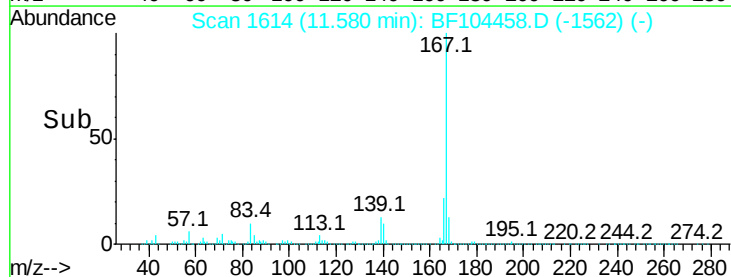
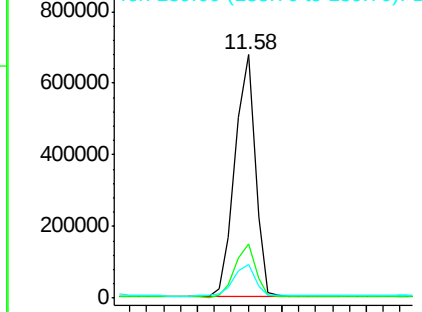


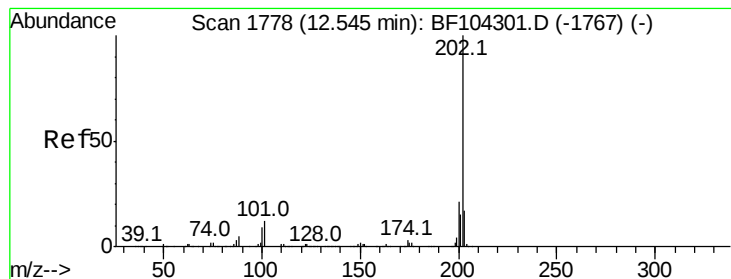
#72
 Carbazole
 Concen: 36.060 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104458.D
 Acq: 12 Apr 2018 18:29

Tgt Ion:167 Resp: 570252
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 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: 152.401 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.03 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

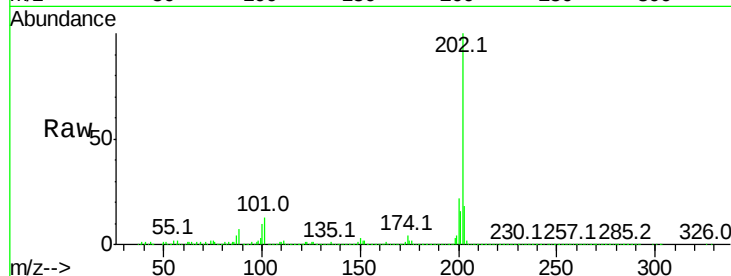
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 2534996

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	18.3	0.0	38.1

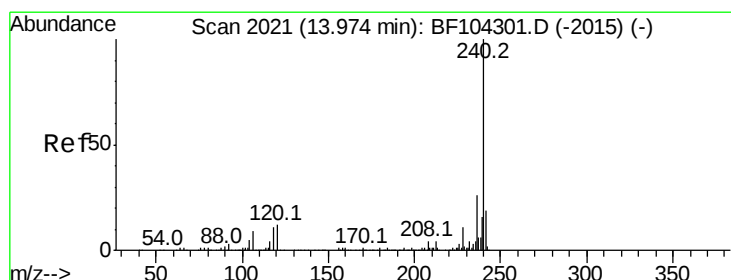
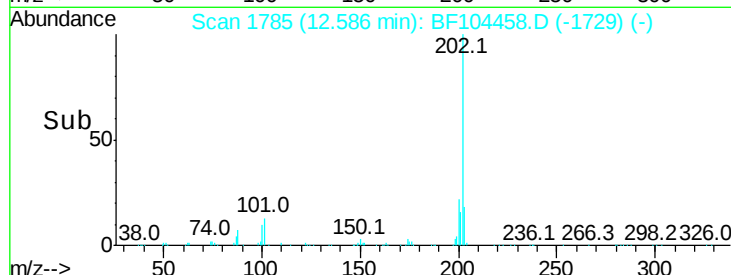
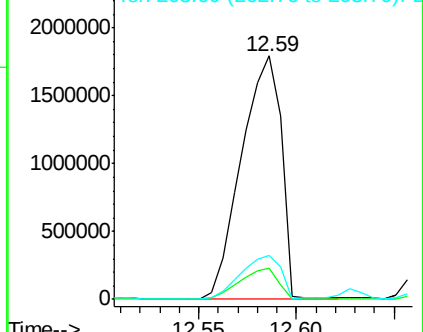


Abundance

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: 14.00 min Scan# 2026

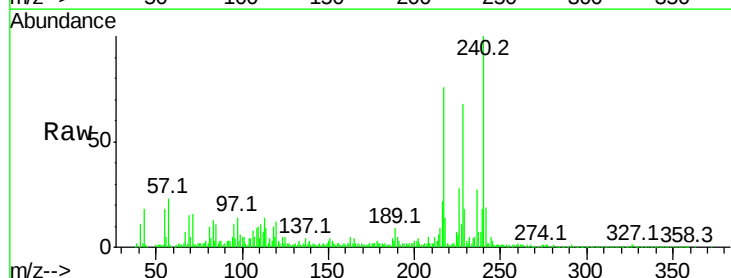
Delta R.T. 0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Tgt Ion:240 Resp: 215868

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.7	20.7	31.1

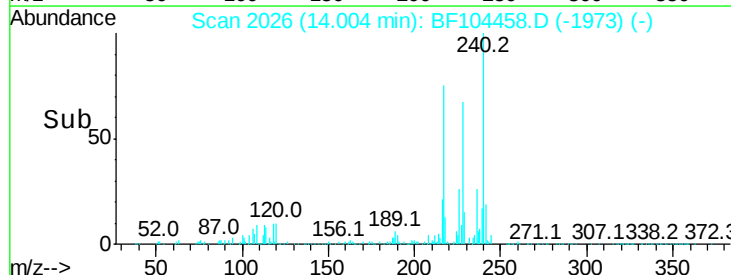
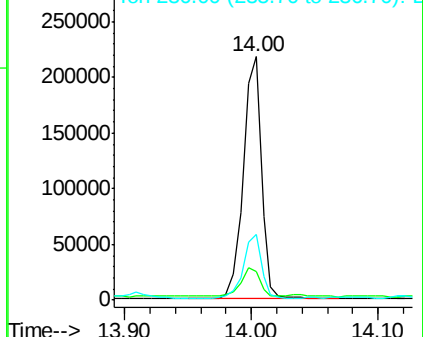


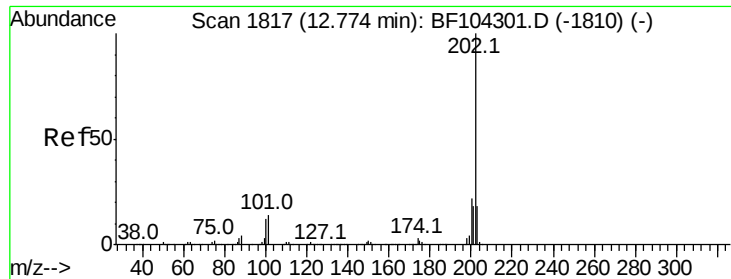
Abundance

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

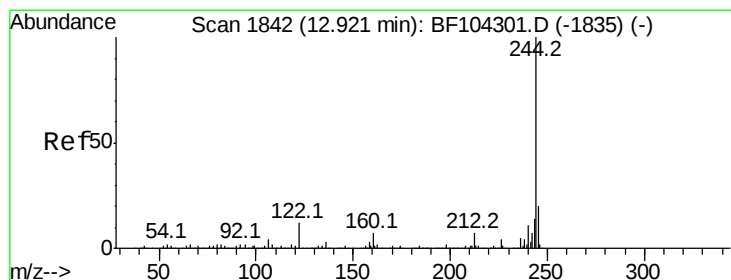
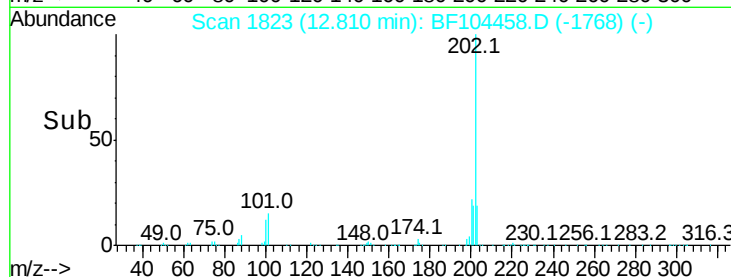
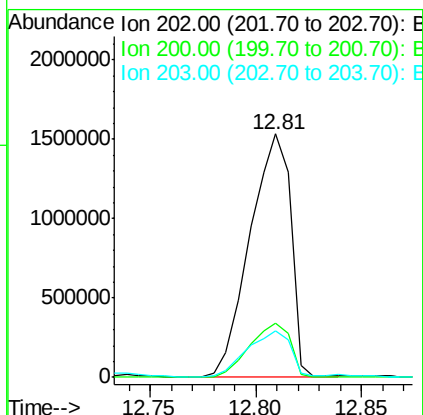
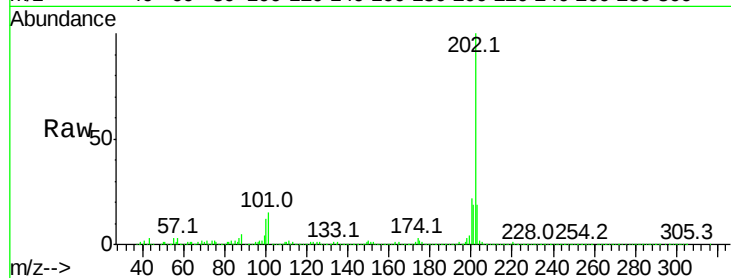




#77
Pvrene
Concen: 127.663 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BF104458.D
Acq: 12 Apr 2018 18:29

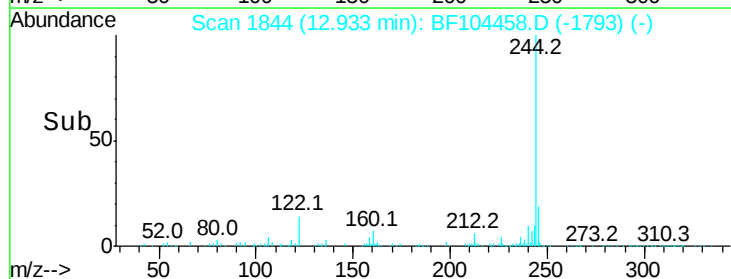
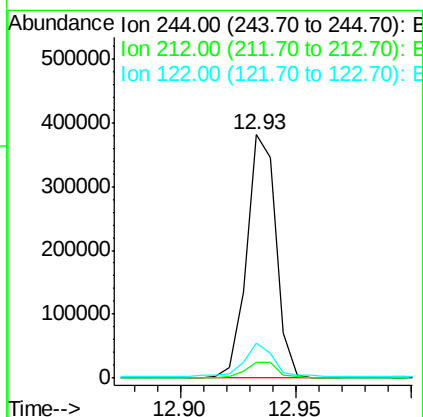
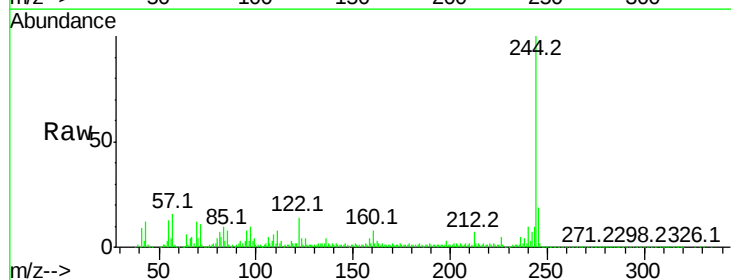
Instrument :
BNA_F
ClientSampleId :

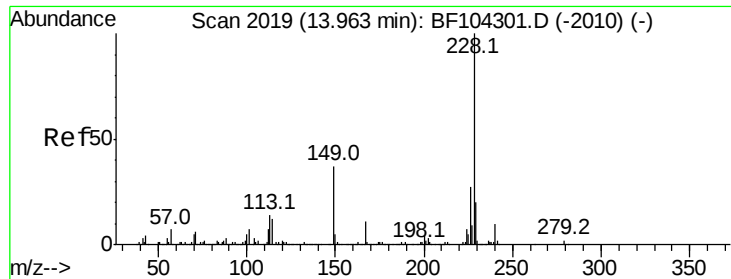
Tot Ion:202 Resp: 2042724
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 19.0 14.3 21.5



#78
Terphenyl-d14
Concen: 35.533 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF104458.D
Acq: 12 Apr 2018 18:29

Tgt Ion:244 Resp: 336445
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 14.4 11.0 16.4

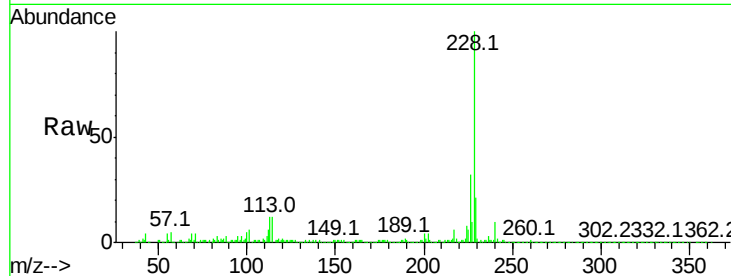




#80
Benzo(a)anthracene
Concen: 72.782 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF104458.D
Acq: 12 Apr 2018 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	20.9	15.8	23.6

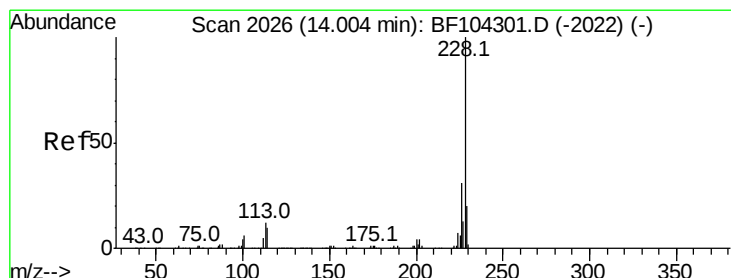
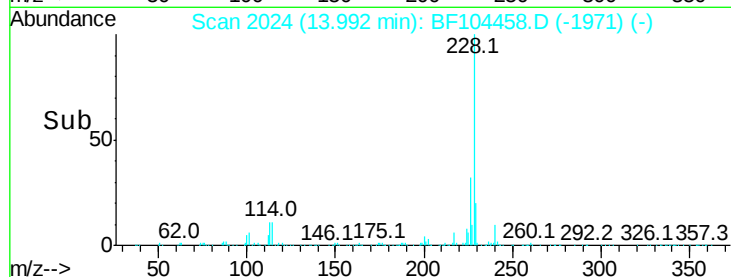
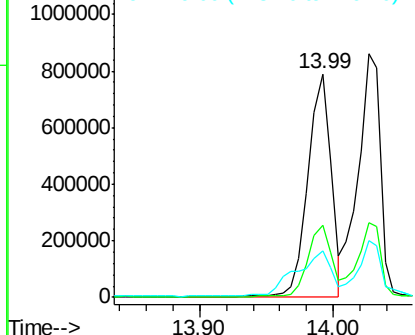


Abundance

Ion 228.00 (227.70 to 228.70): E

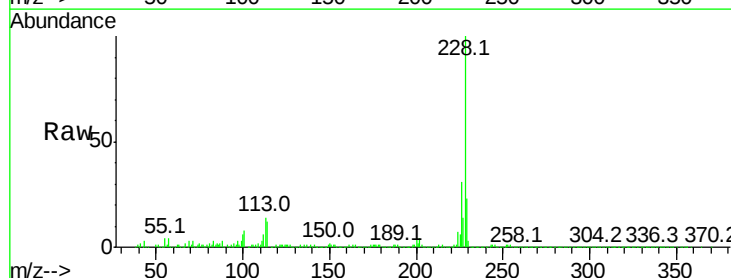
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 70.209 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF104458.D
Acq: 12 Apr 2018 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.2	16.2	24.4

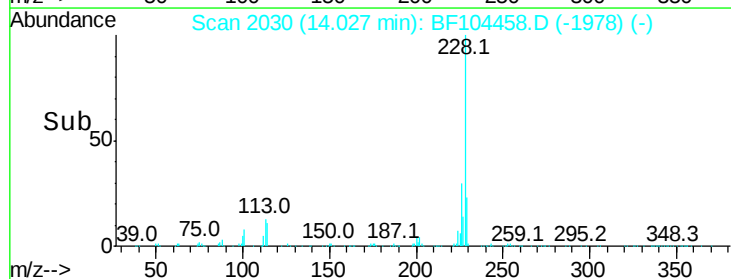
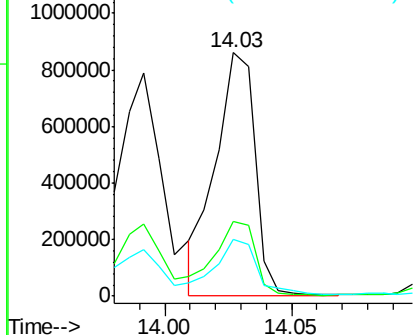


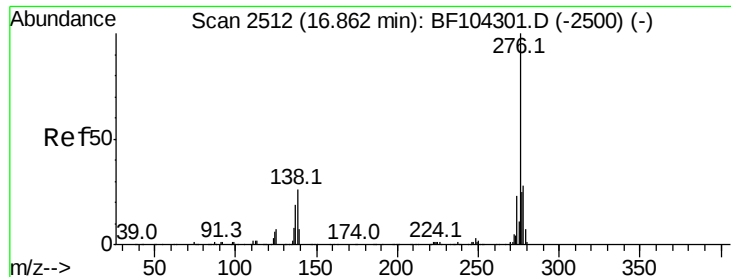
Abundance

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: 6.322 ng

RT: 16.76 min Scan# 2495

Delta R.T. -0.15 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

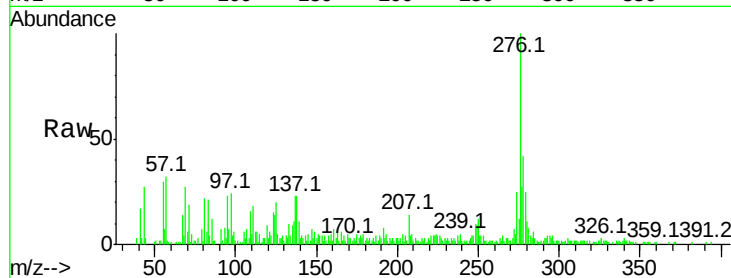
Tot Ion:276 Resp: 71144

Ion Ratio Lower Upper

276 100

138 29.2 25.0 37.6

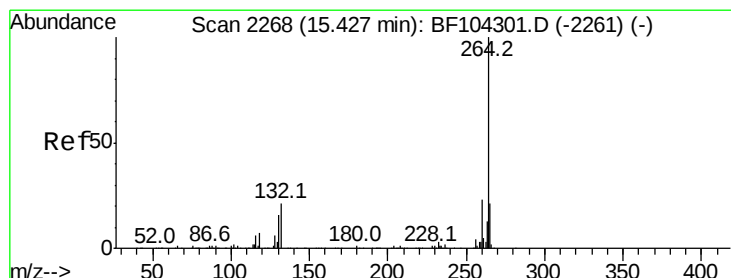
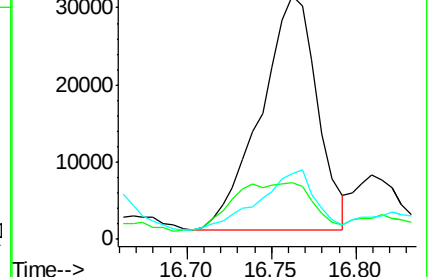
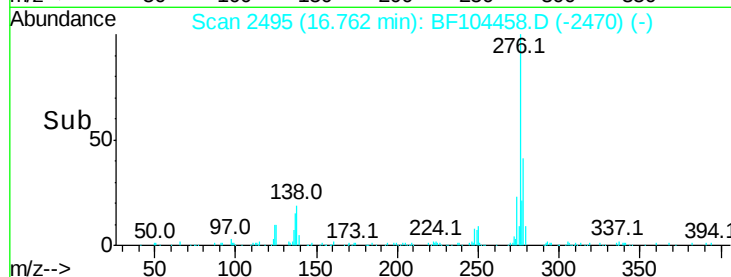
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

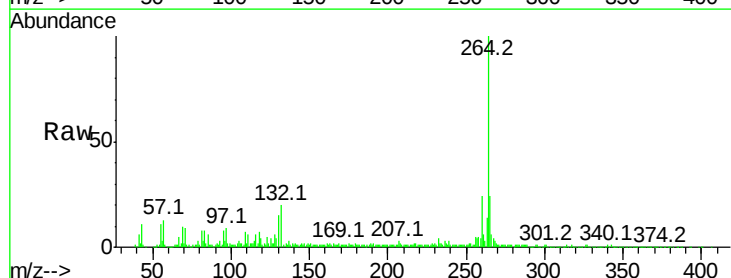
Tgt Ion:264 Resp: 193644

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

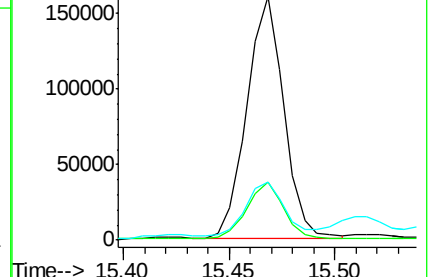
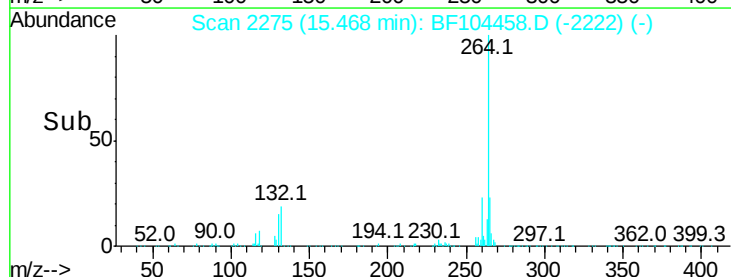
265 23.8 17.5 26.3

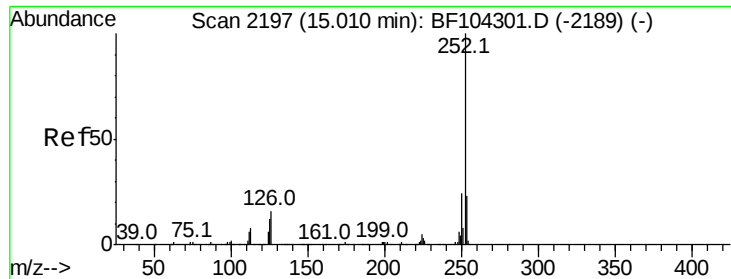


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 112.072 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.02 min

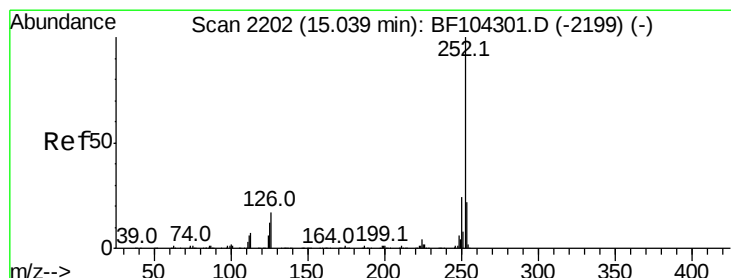
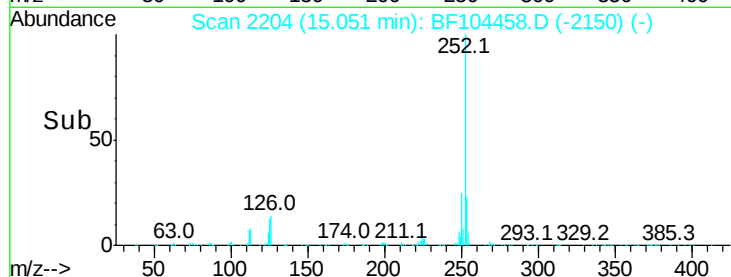
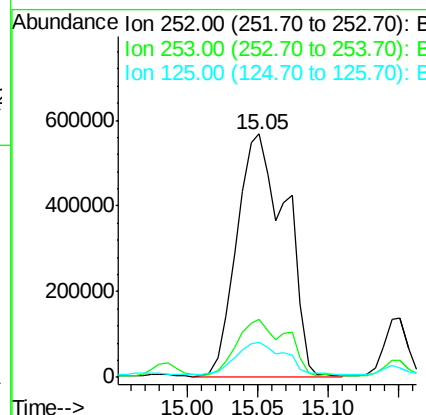
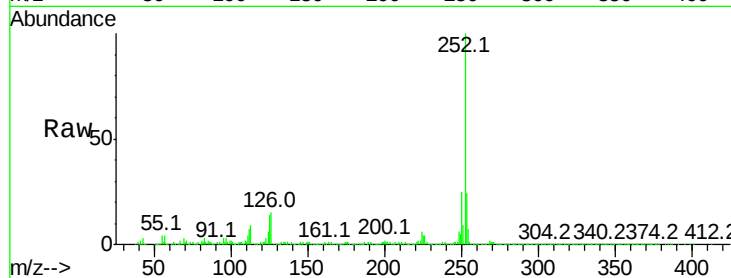
Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1370669

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	14.4	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 118.709 ng

RT: 15.05 min Scan# 2204

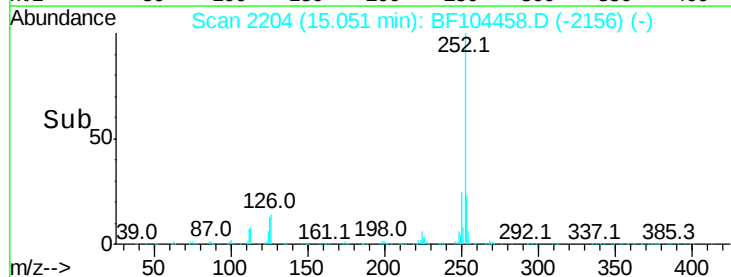
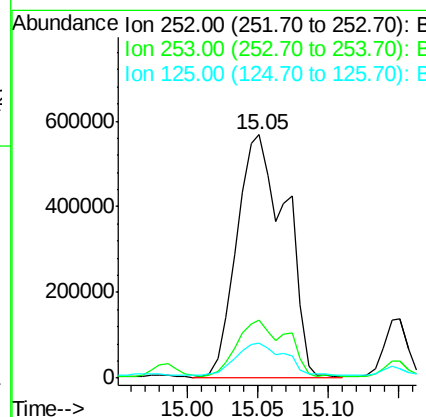
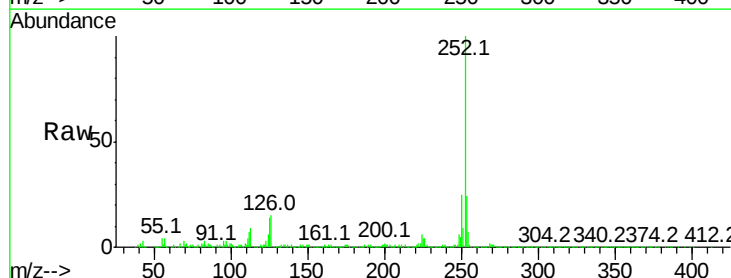
Delta R.T. -0.02 min

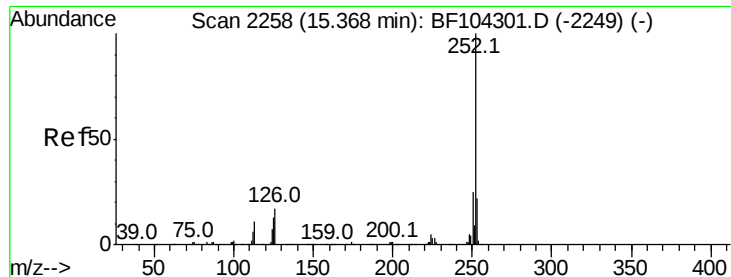
Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Tgt Ion:252 Resp: 1370669

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	14.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 58.994 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

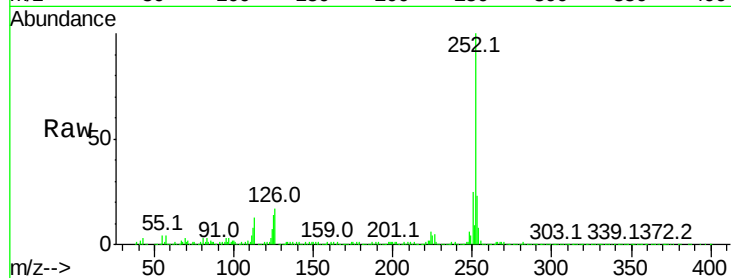
Tot Ion:252 Resp: 645571

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

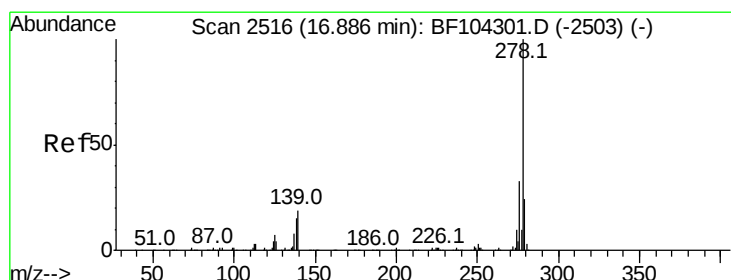
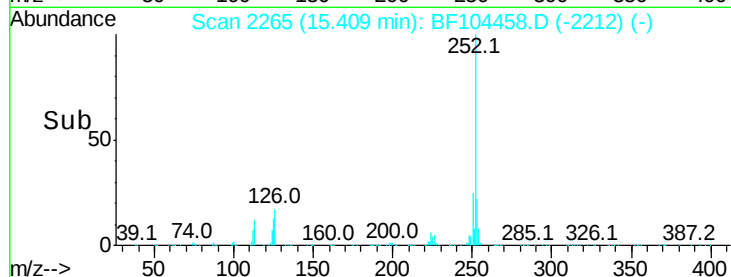
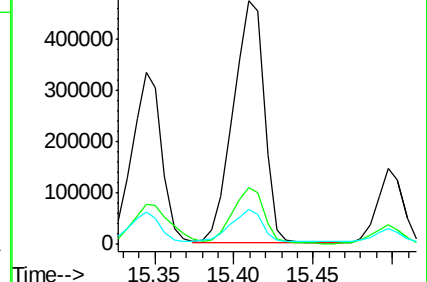
125 14.5 9.8 14.6



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: 7.357 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.17 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

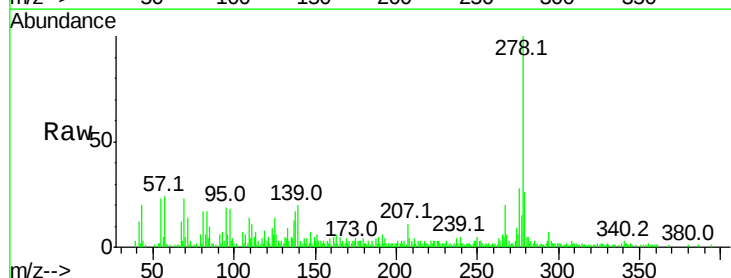
Tgt Ion:278 Resp: 66118

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

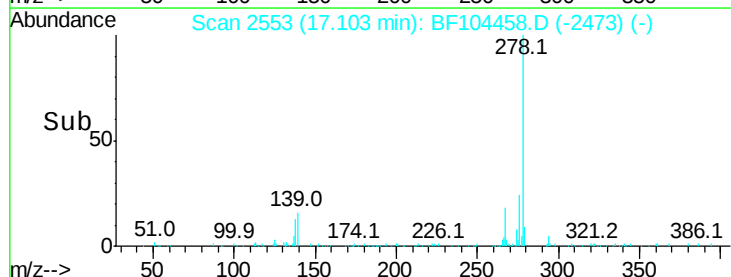
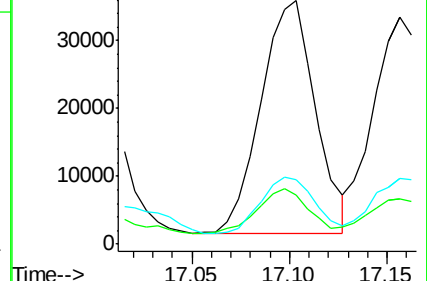
279 26.3 19.0 28.4

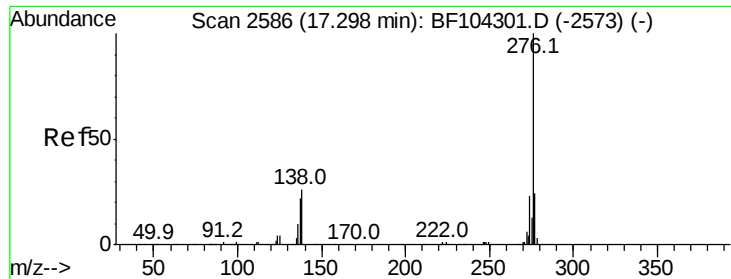


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.256 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF104458.D

Acq: 12 Apr 2018 18:29

Instrument :

BNA_F

ClientSampleId :

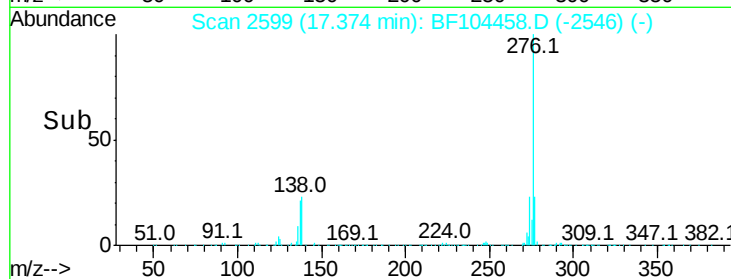
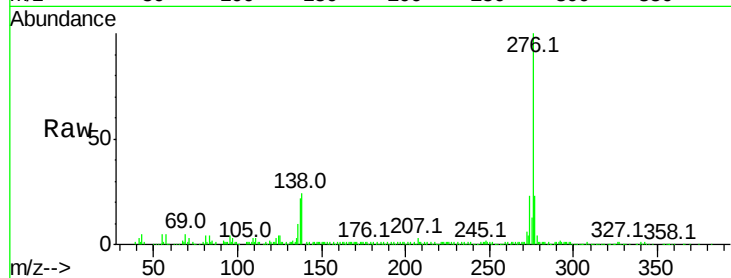
Tot Ion:276 Resp: 324404

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 24.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

