

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099815.D
 Acq On : 25 Oct 2017 16:05
 Operator : SJ/JU
 Sample : I6064-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	86663	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	353898	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	157455	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	272381	20.00	ng	0.00
75) Chrysene-d12	13.99	240	163016	20.00	ng	0.00
86) Perylene-d12	15.46	264	171127	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	106123	19.22	ng	-0.01
7) Phenol-d6	6.43	99	132138	20.19	ng	-0.02
23) Nitrobenzene-d5	7.36	82	72025	13.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	25960	18.09	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	167025	16.37	ng	-0.01
78) Terphenyl-d14	12.92	244	128985	17.29	ng	0.00

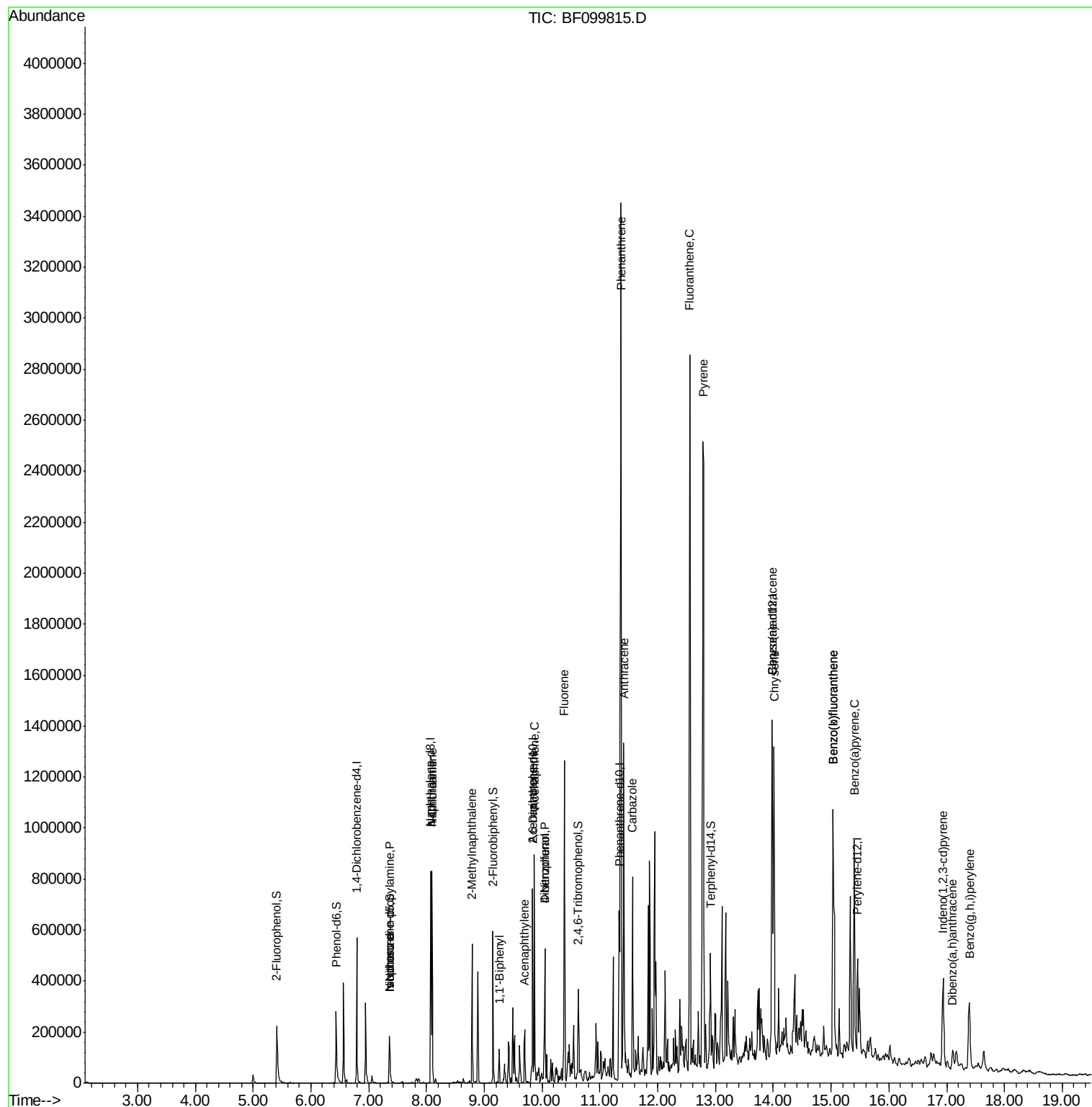
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.36	70	8577	2.236	ng	# 73
25) Isophorone	7.36	82	72025	7.221	ng	# 64
31) Naphthalene	8.10	128	347933	20.367	ng	# 99
33) 4-Chloroaniline	8.10	127	45260	6.416	ng	# 31
37) 2-Methylnaphthalene	8.79	142	154994	13.539	ng	# 98
45) 1,1'-Biphenyl	9.26	154	41191	2.892	ng	# 95
48) Acenaphthylene	9.70	152	58189	3.652	ng	# 98
50) 2,6-Dinitrotoluene	9.83	165	27228	10.387	ng	# 25
51) Acenaphthene	9.87	154	169476	17.408	ng	# 99
54) Dibenzofuran	10.05	168	208471	15.170	ng	# 96
55) 4-Nitrophenol	10.05	139	73752	45.700	ng	# 10
57) Fluorene	10.39	166	342204	30.076	ng	# 99
70) Phenanthrene	11.37	178	1727836	112.403	ng	# 99
71) Anthracene	11.41	178	507100	32.500	ng	# 99
72) Carbazole	11.57	167	281512	19.186	ng	# 99
74) Fluoranthene	12.56	202	1438787	90.066	ng	# 97
77) Pyrene	12.79	202	1246127	100.530	ng	# 99
80) Benzo(a)anthracene	13.97	228	512700	49.612	ng	# 99
82) Chrysene	14.02	228	467386	48.108	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.94	276	216009	24.219	ng	# 98
87) Benzo(b)fluoranthene	15.03	252	723101	66.917	ng	# 95
88) Benzo(k)fluoranthene	15.03	252	723101	70.965	ng	# 98
89) Benzo(a)pyrene	15.40	252	409305	42.167	ng	# 94
90) Dibenzo(a,h)anthracene	17.11	278	40705	4.719	ng	# 94
91) Benzo(g,h,i)perylene	17.39	276	203169	24.077	ng	# 94

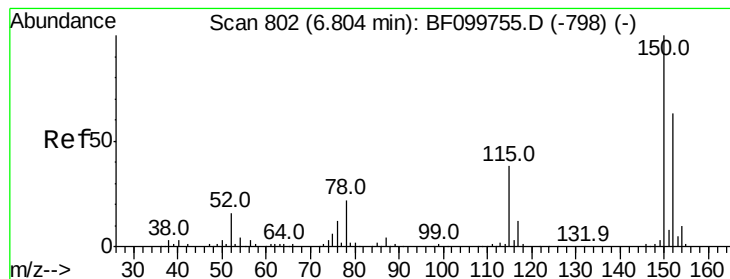
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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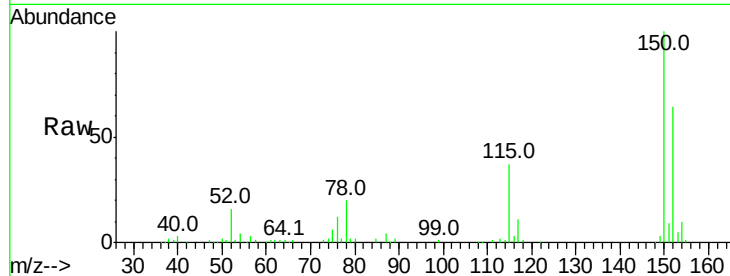


#1

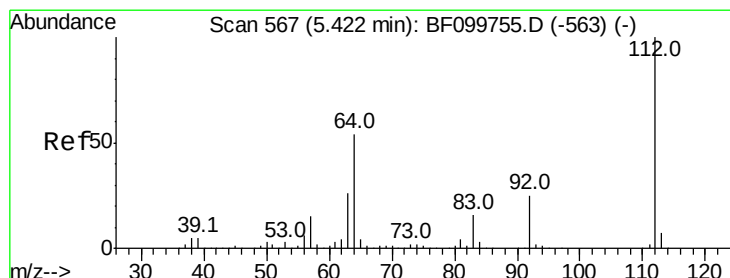
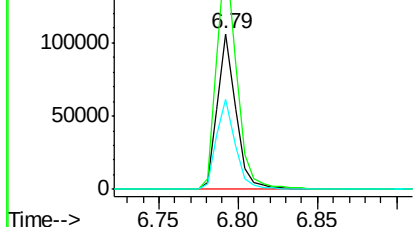
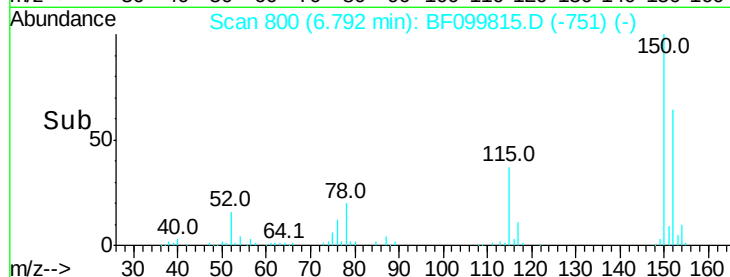
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86663
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 57.7 50.1 75.1



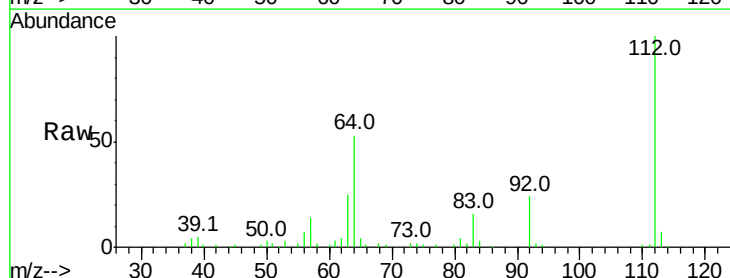
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



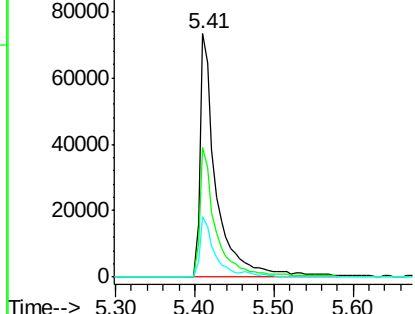
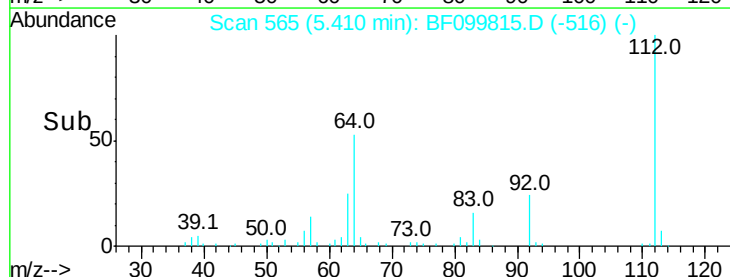
#5

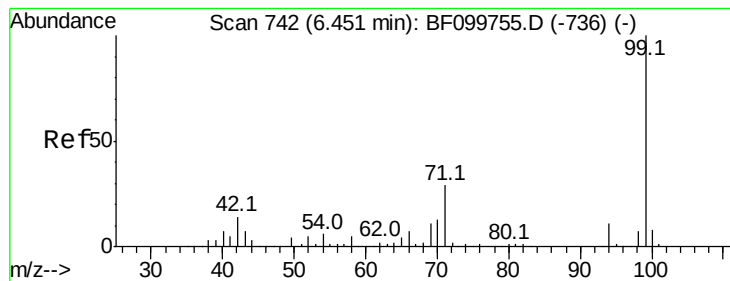
2-Fluorophenol
Concen: 19.225 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Tgt Ion:112 Resp: 106123
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 24.9 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: 20.188 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

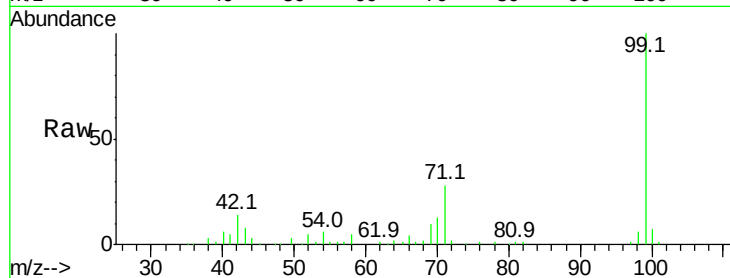
Tot Ion: 99 Resp: 132138

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

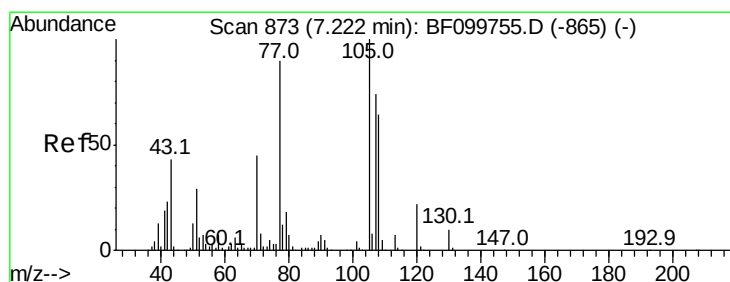
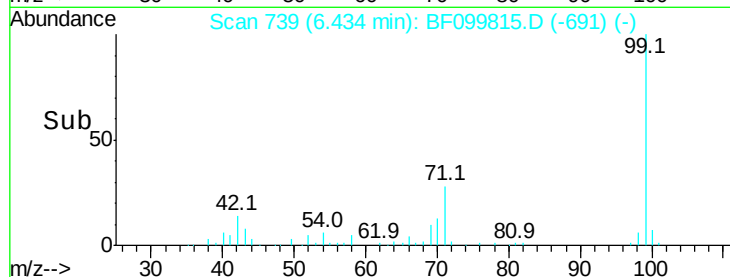
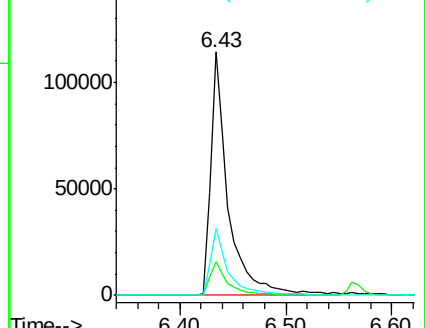
71 27.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.236 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Tgt Ion: 70 Resp: 8577

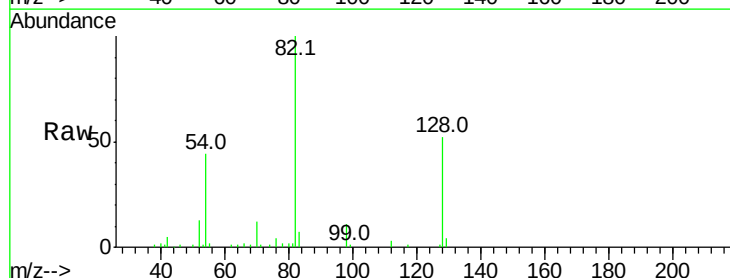
Ion Ratio Lower Upper

70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

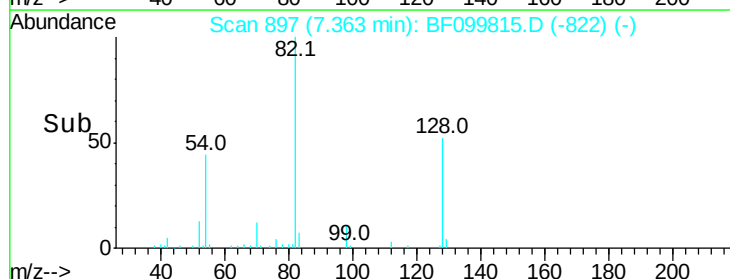
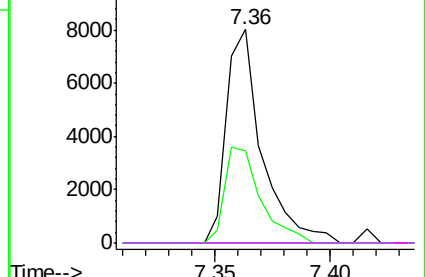


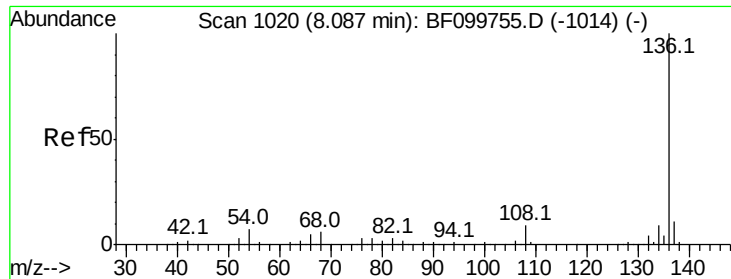
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

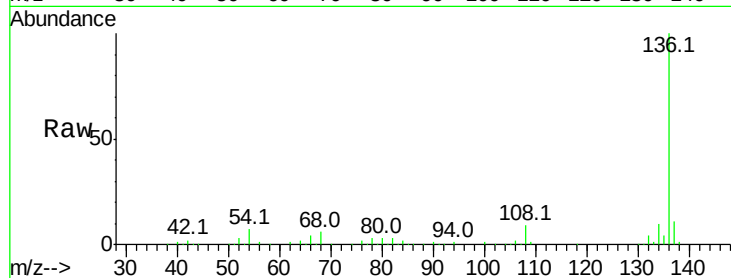




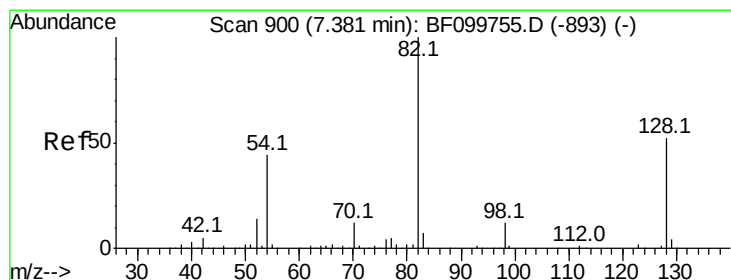
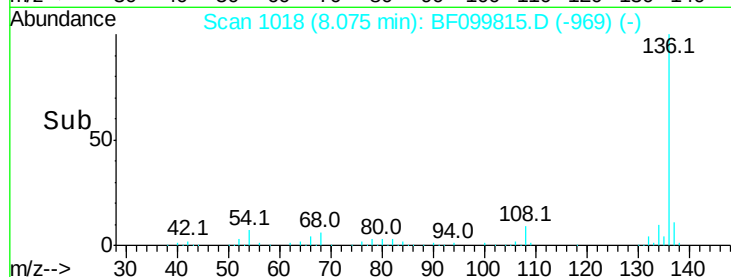
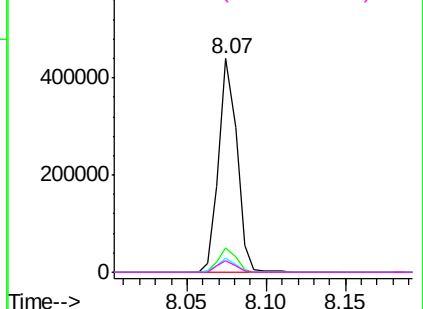
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	353898
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4

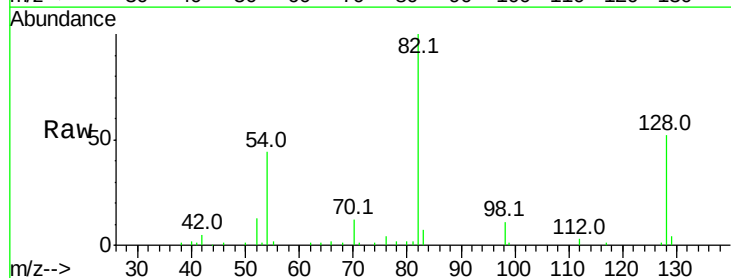


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

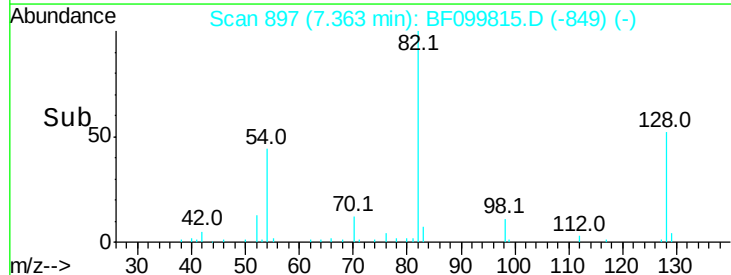
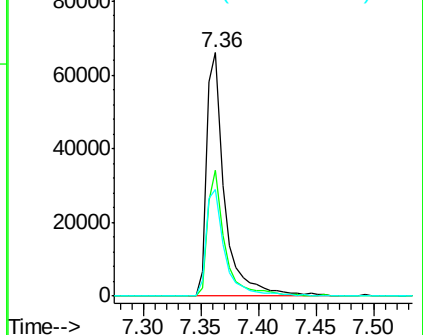


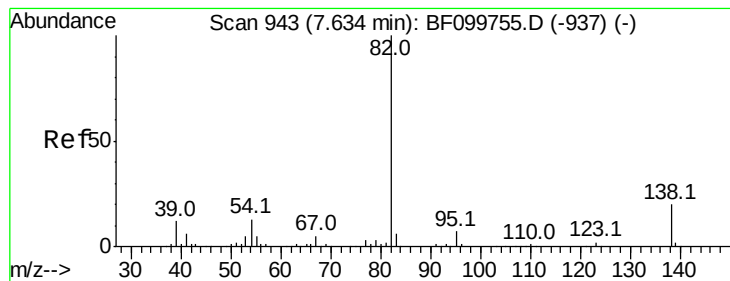
#23
Nitrobenzene-d5
Concen: 13.103 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Tgt Ion:	82	Resp:	72025
Ion	Ratio	Lower	Upper
82	100		
128	51.5	36.1	54.1
54	43.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 7.221 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampled :

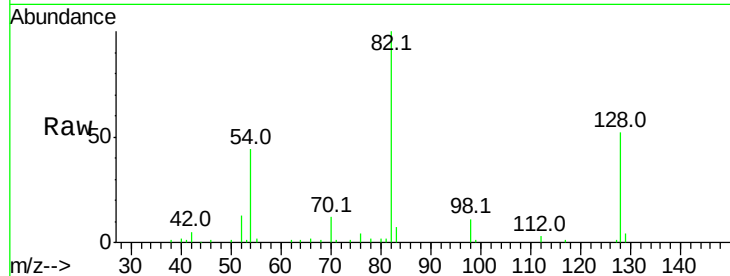
Tot Ion: 82 Resp: 72025

Ion Ratio Lower Upper

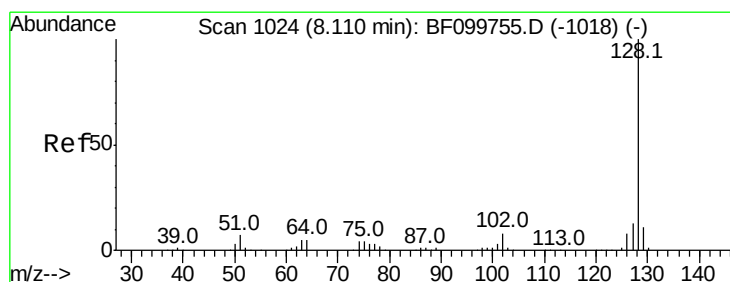
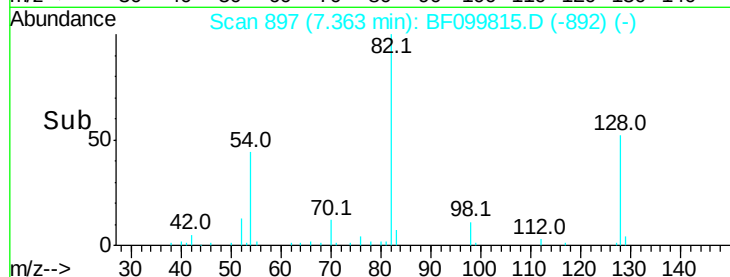
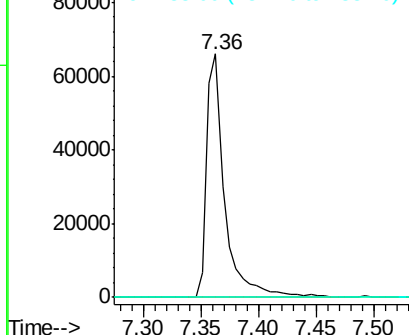
82 100

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: 20.367 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

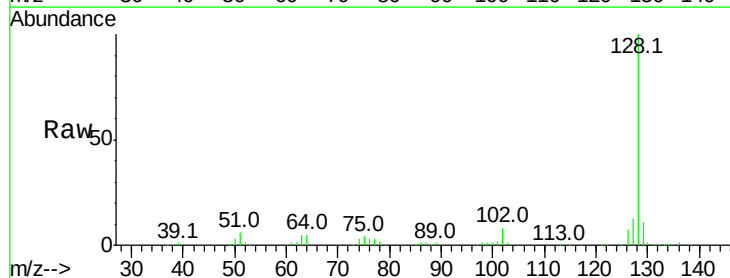
Tgt Ion: 128 Resp: 347933

Ion Ratio Lower Upper

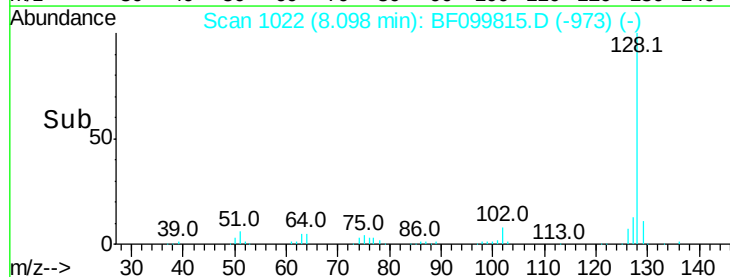
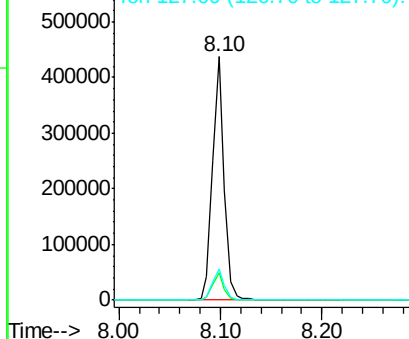
128 100

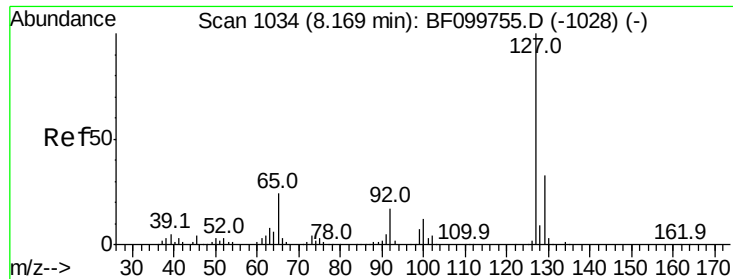
129 11.1 8.8 13.2

127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

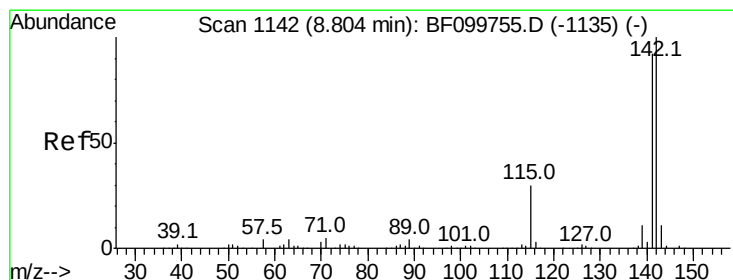
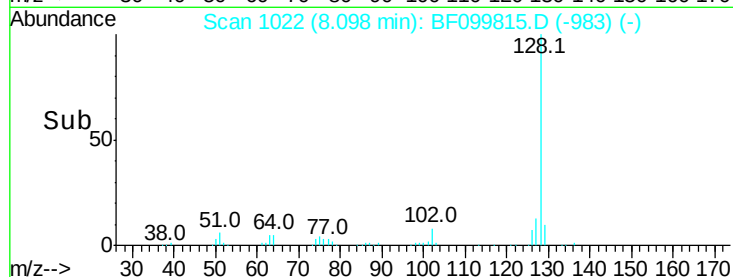
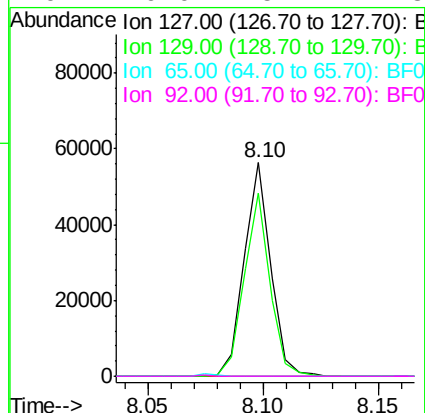
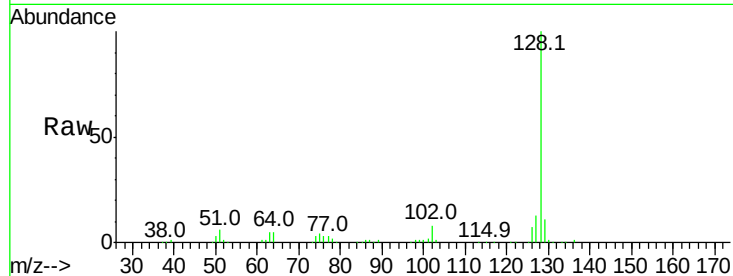




#33
4-Chloroaniline
Concen: 6.416 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

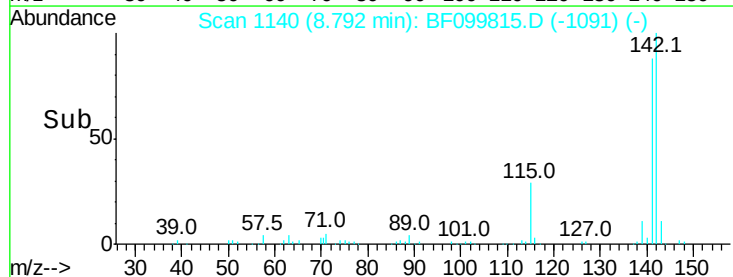
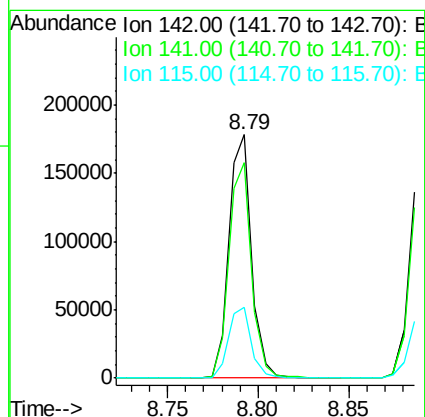
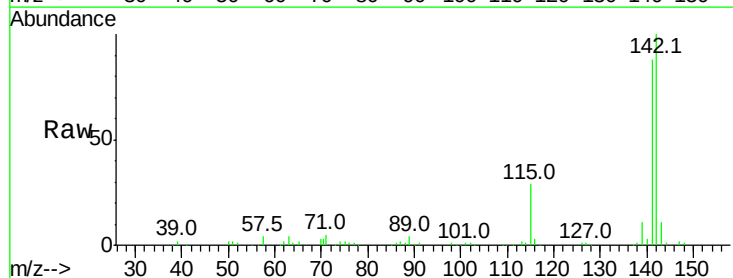
Instrument :
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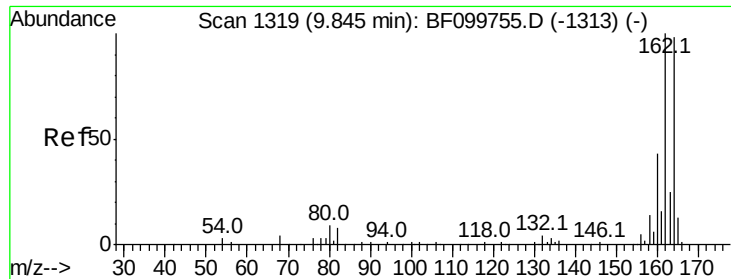
Tot Ion:	127	Resp:	45260
Ion	Ratio	Lower	Upper
127	100		
129	85.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 13.539 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Tgt Ion:	142	Resp:	154994
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	28.9	26.1	39.1

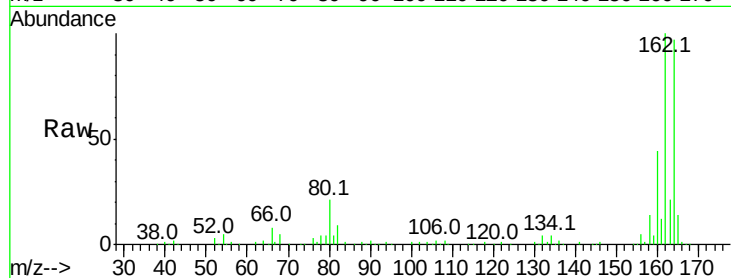




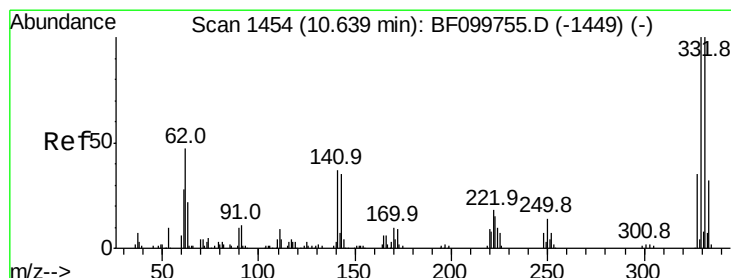
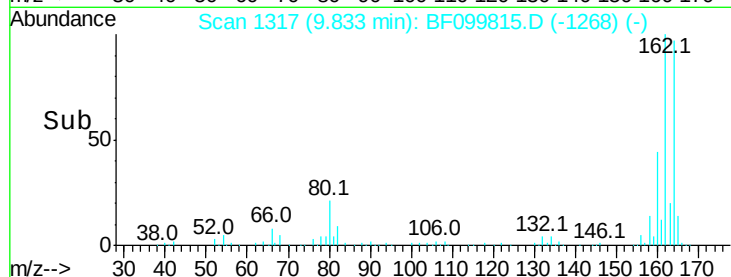
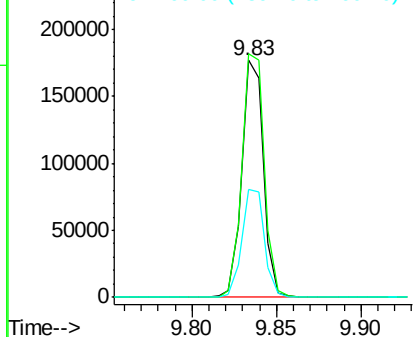
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.4	38.3	57.5

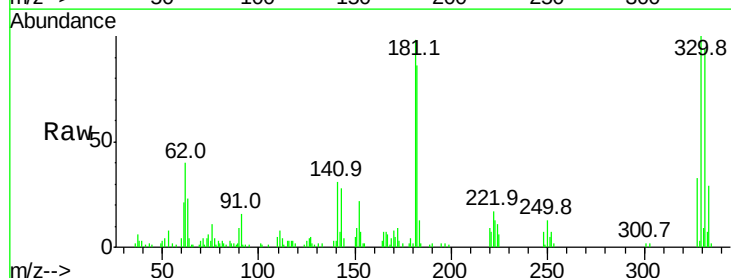


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

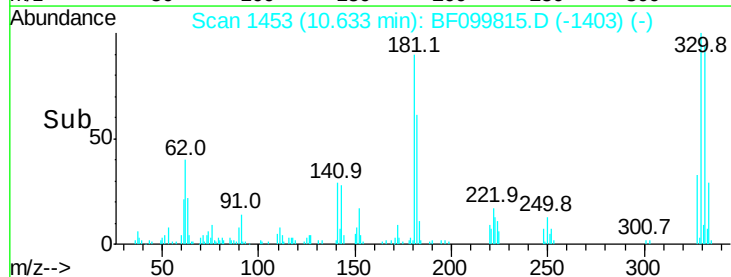
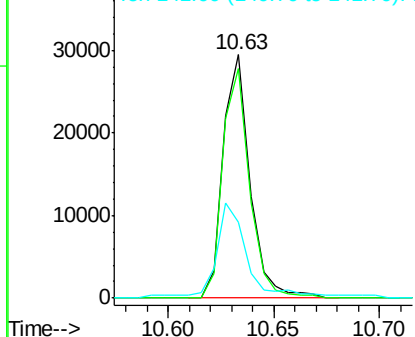


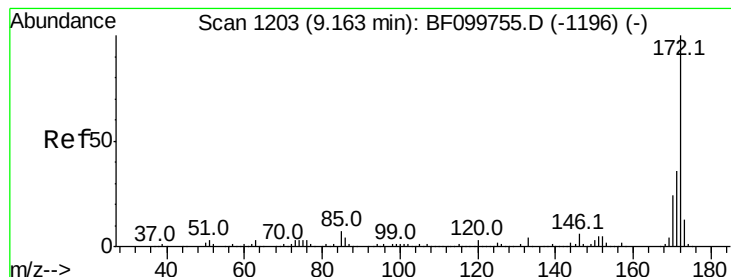
#41
 2,4,6-Tribromophenol
 Concen: 18.092 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	47.7	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: 16.366 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

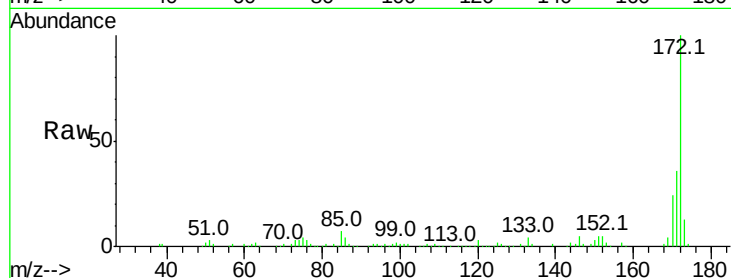
Tot Ion:172 Resp: 167025

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

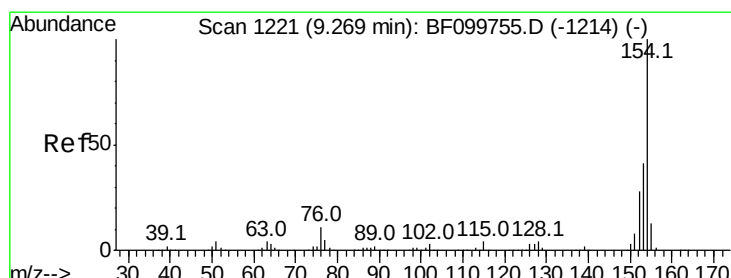
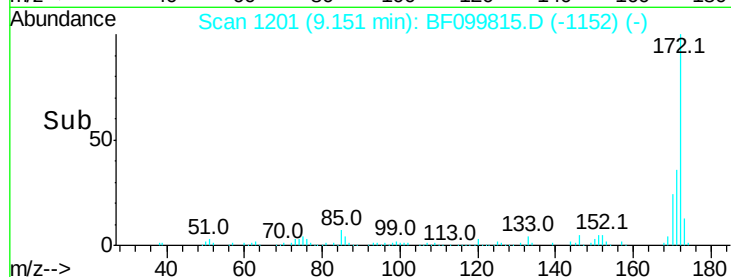
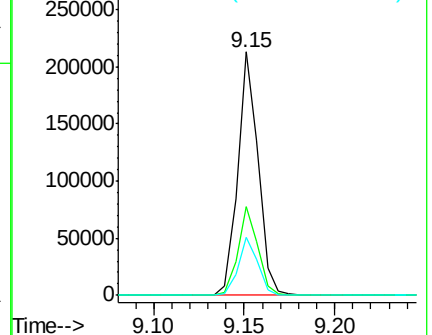
170 23.7 19.6 29.4



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: 2.892 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

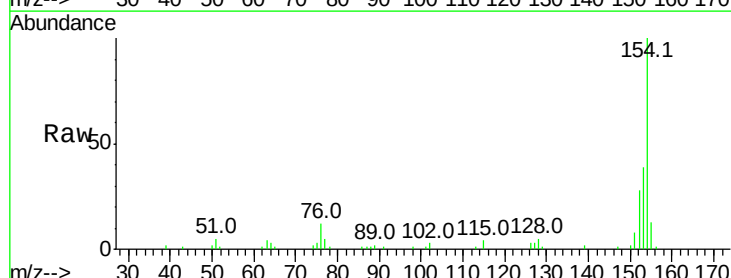
Tgt Ion:154 Resp: 41191

Ion Ratio Lower Upper

154 100

153 38.8 21.3 61.3

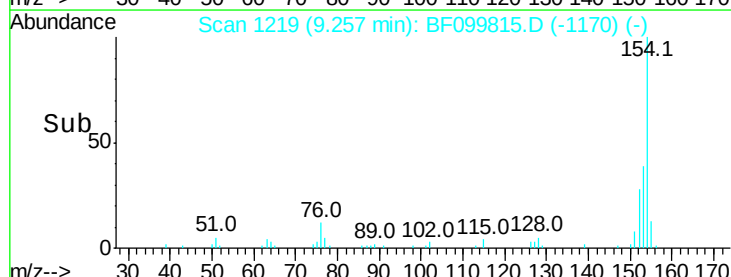
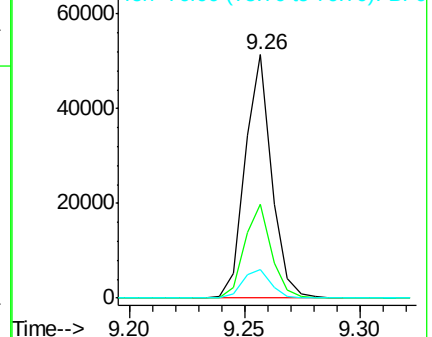
76 11.5 0.0 34.0

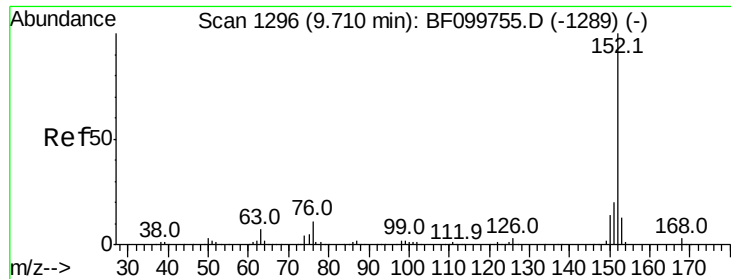


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 3.652 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

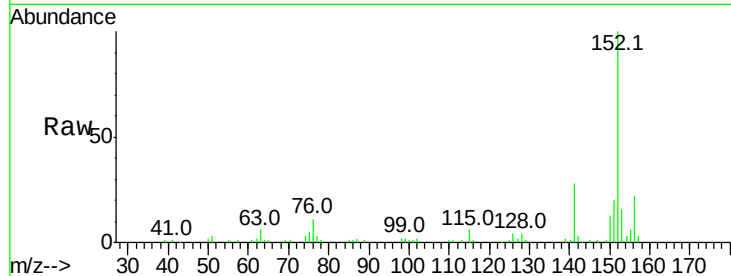
Tot Ion:152 Resp: 58189

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

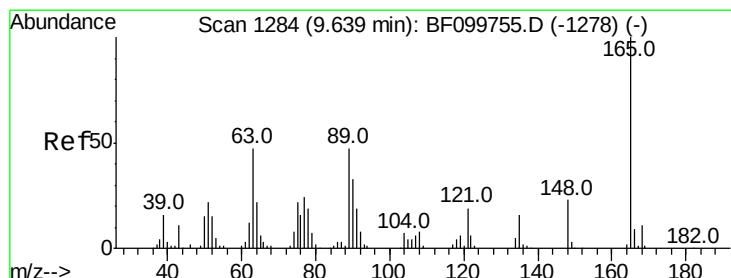
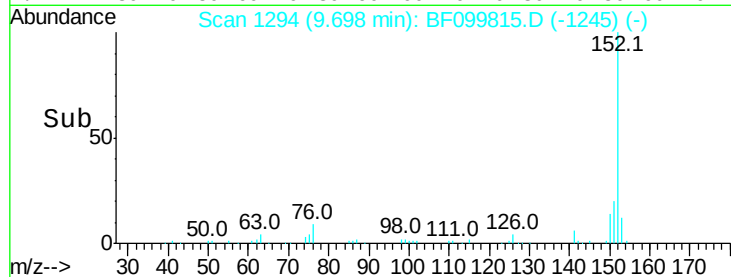
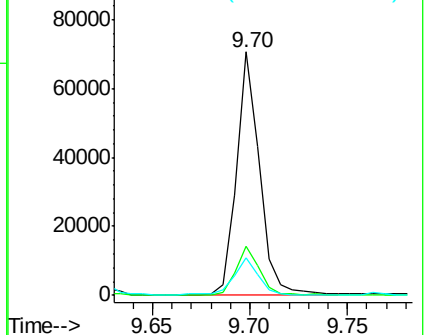
153 15.7 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 10.387 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

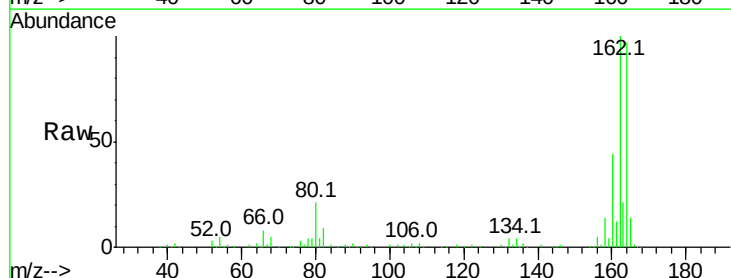
Tgt Ion:165 Resp: 27228

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

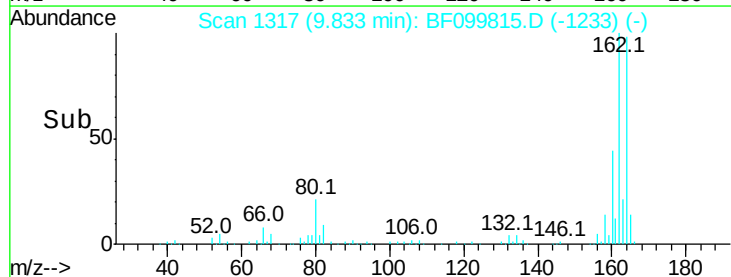
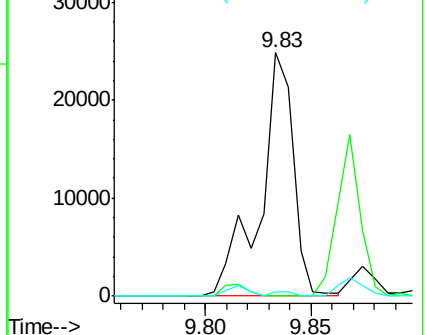
89 1.7 44.0 66.0#

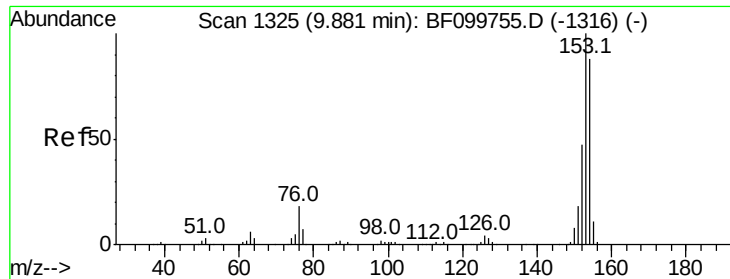


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 17.408 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

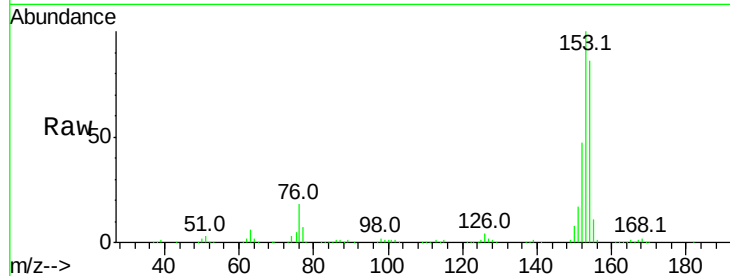
Tot Ion:154 Resp: 169476

Ion Ratio Lower Upper

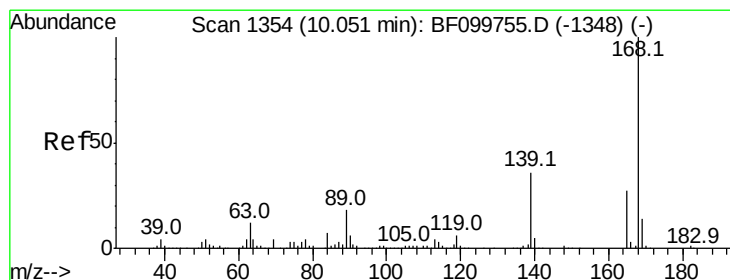
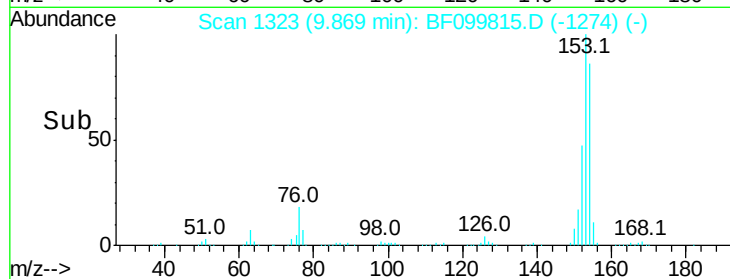
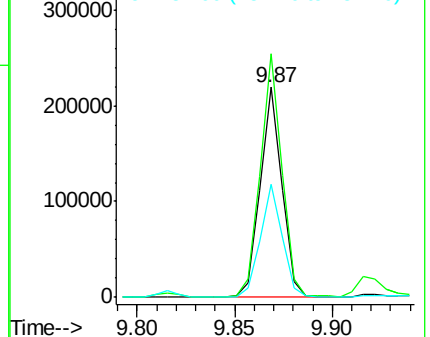
154 100

153 115.8 91.2 136.8

152 54.1 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: 15.170 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

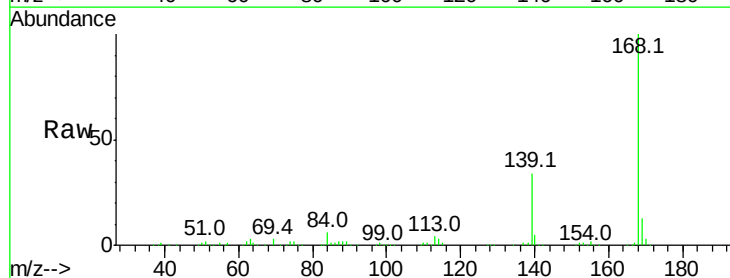
Tgt Ion:168 Resp: 208471

Ion Ratio Lower Upper

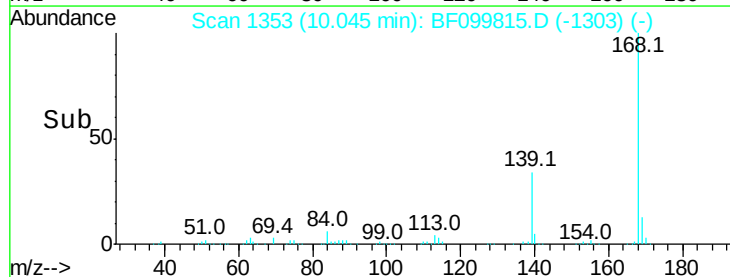
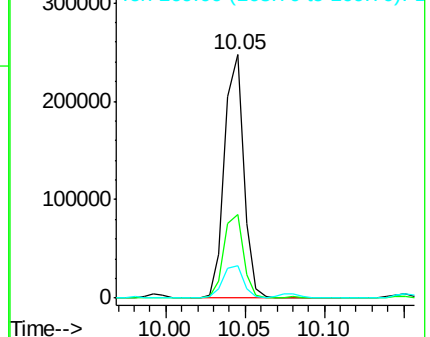
168 100

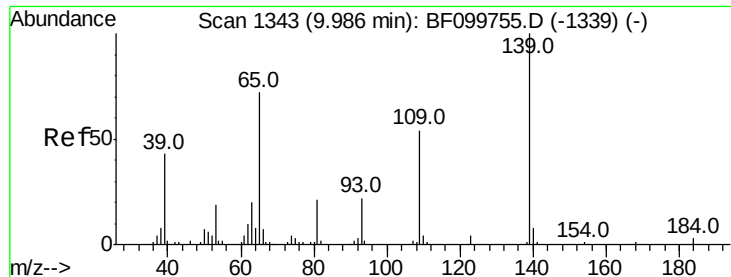
139 34.2 30.1 45.1

169 13.3 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: 45.700 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.06 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

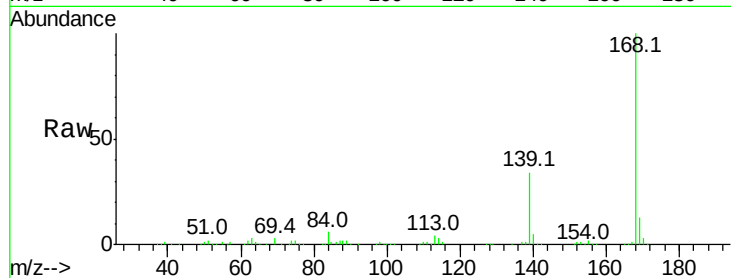
Tot Ion:139 Resp: 73752

Ion Ratio Lower Upper

139 100

109 0.9 48.4 88.4#

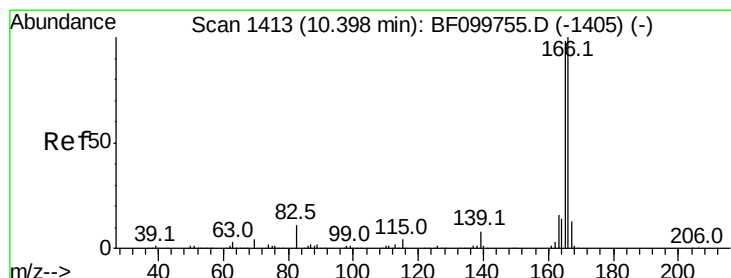
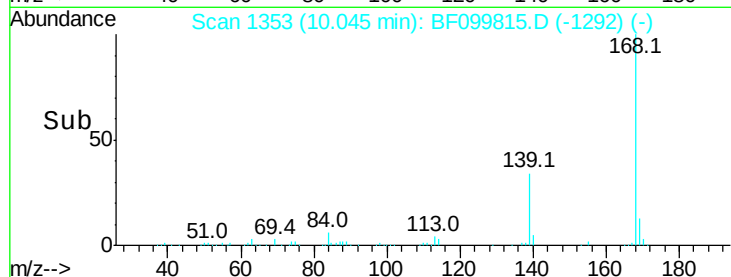
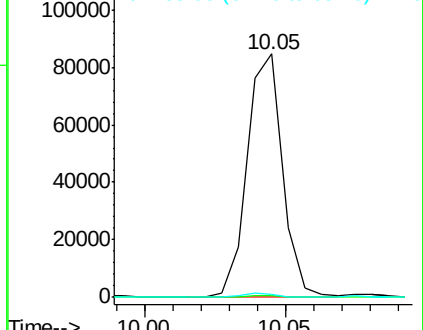
65 1.0 72.6 112.6#



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): BF0



#57

Fluorene

Concen: 30.076 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

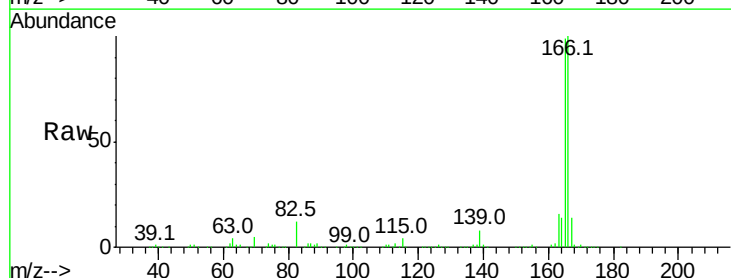
Tgt Ion:166 Resp: 342204

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

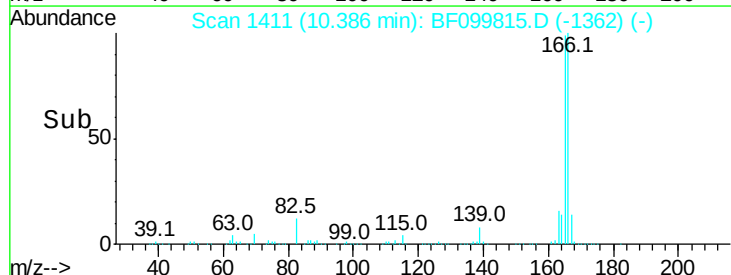
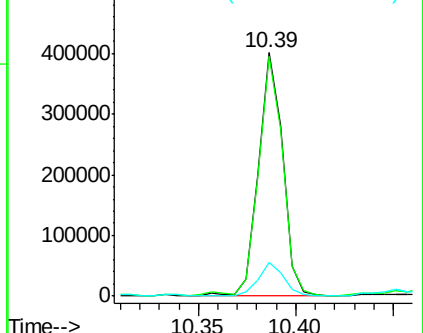
167 13.9 10.6 16.0

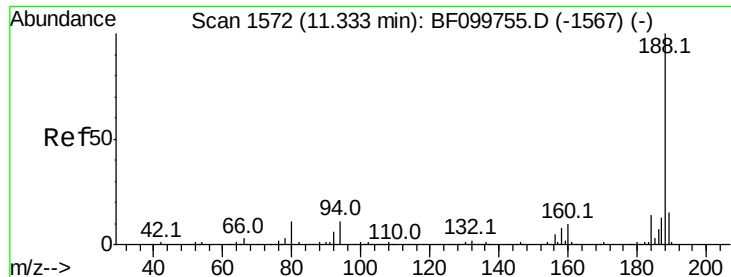


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

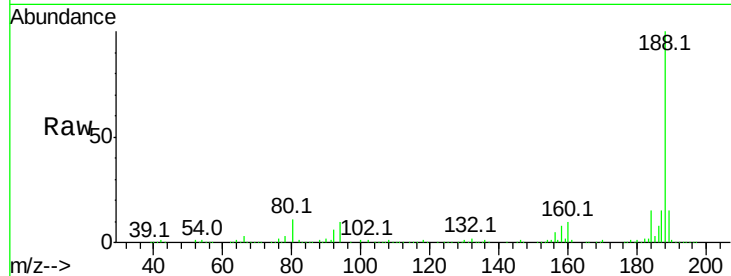




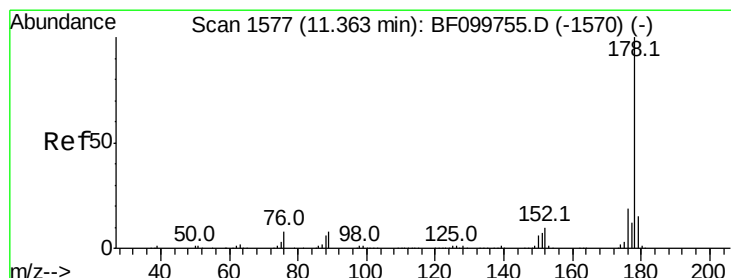
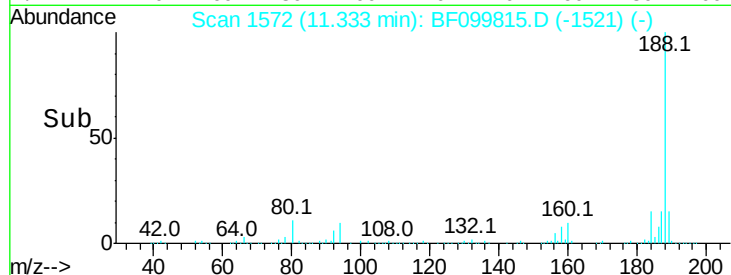
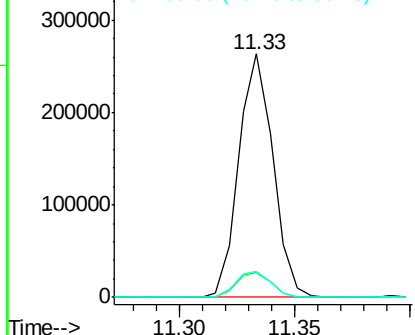
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 272381
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.7 9.2 13.8

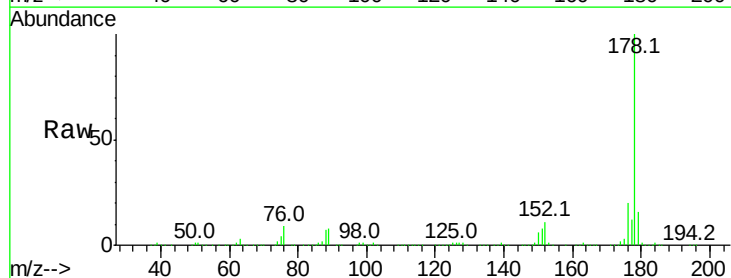


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

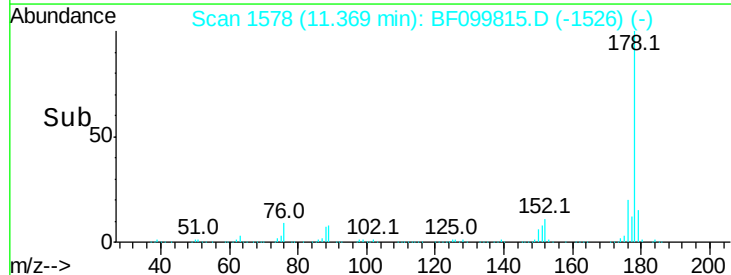
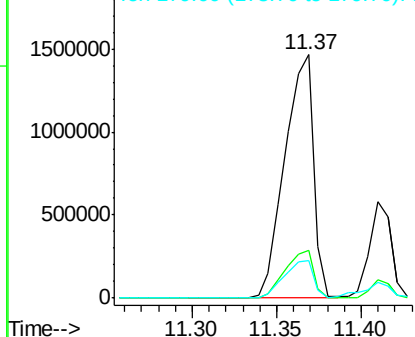


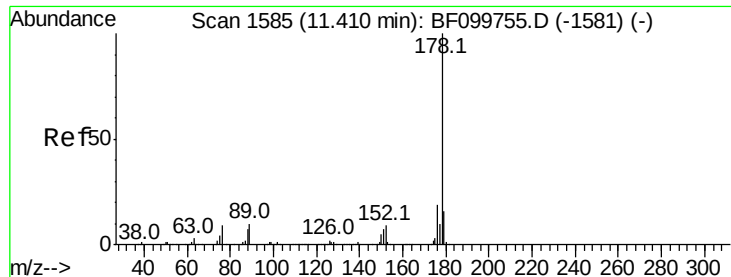
#70
Phenanthrene
Concen: 112.403 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Tgt Ion:178 Resp: 1727836
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

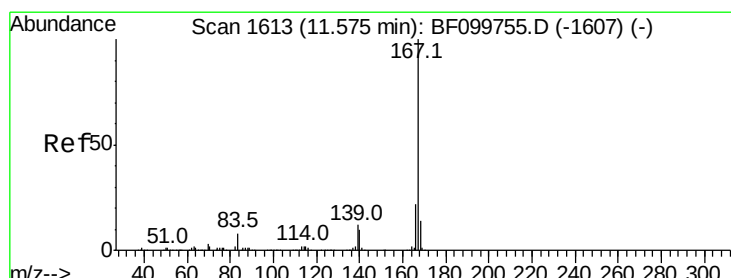
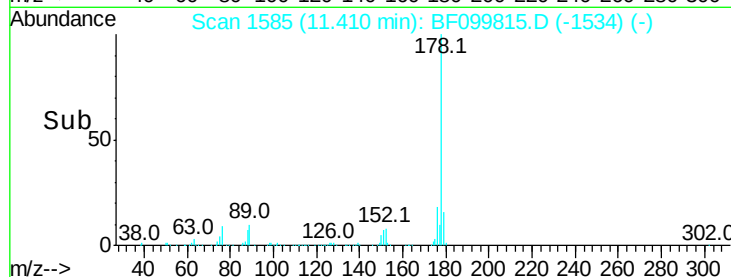
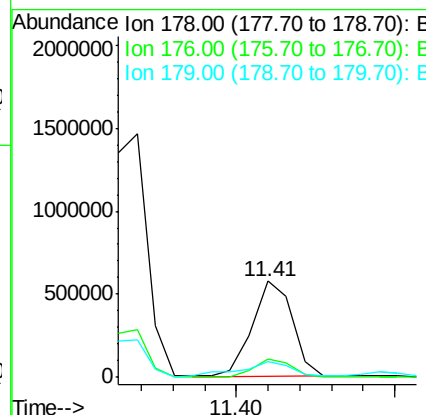
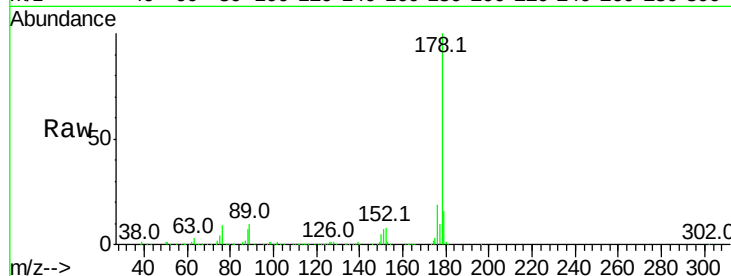




#71
 Anthracene
 Concen: 32.500 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

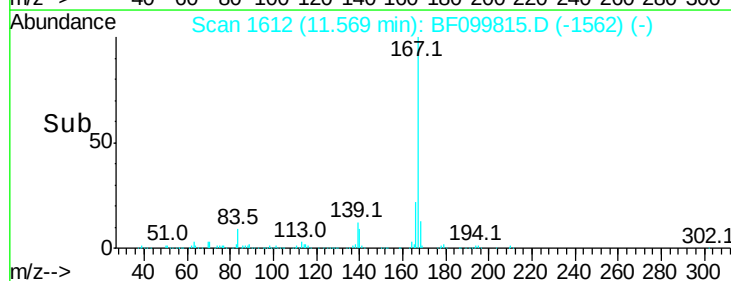
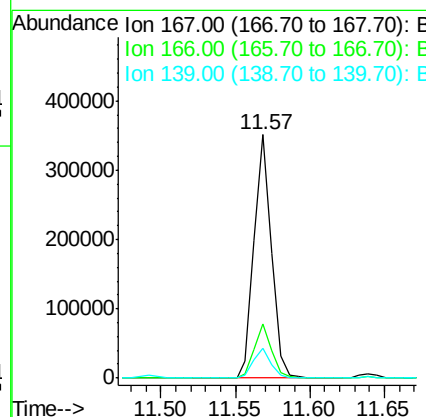
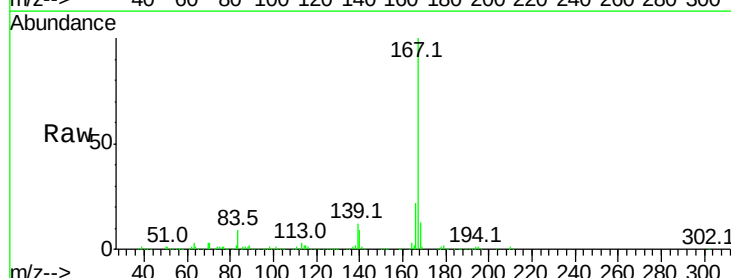
Instrument :
 BNA_F
 ClientSampleId :

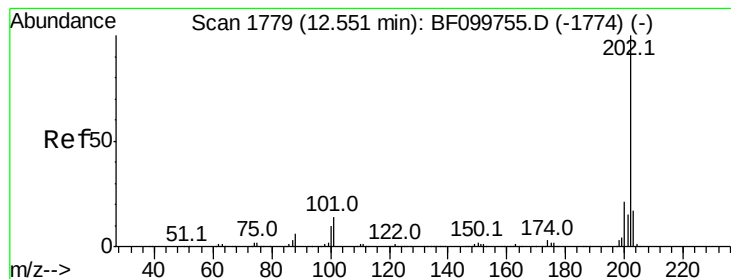
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.2	12.6	19.0



#72
 Carbazole
 Concen: 19.186 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.2	10.9	16.3





#74

Fluoranthene

Concen: 90.066 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

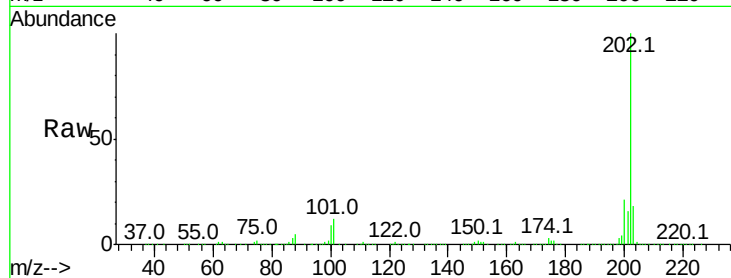
Tot Ion:202 Resp: 1438787

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

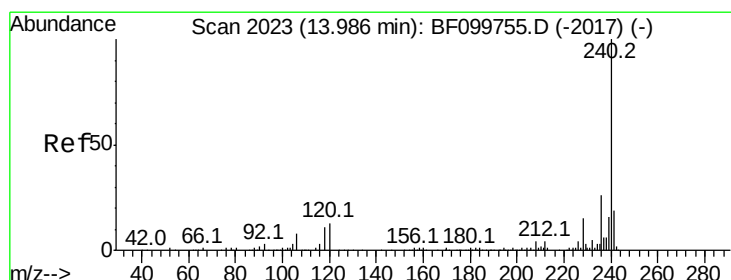
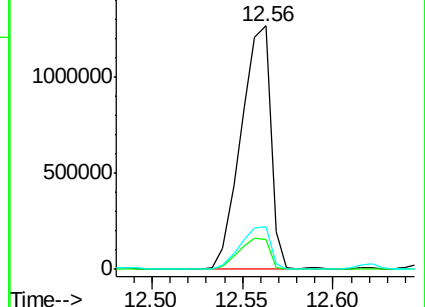
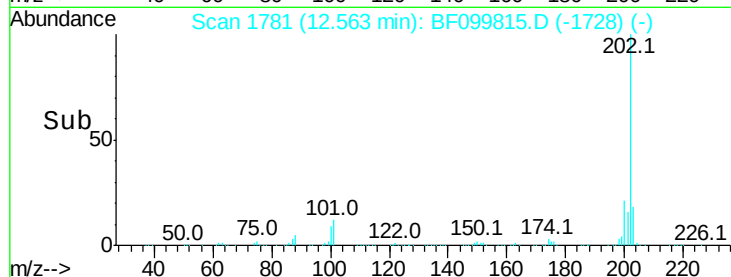
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

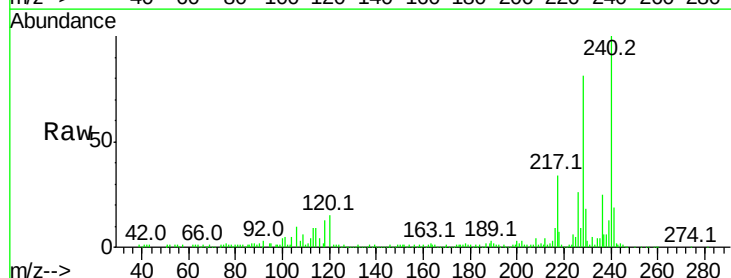
Tgt Ion:240 Resp: 163016

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

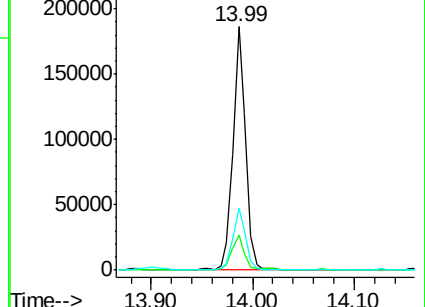
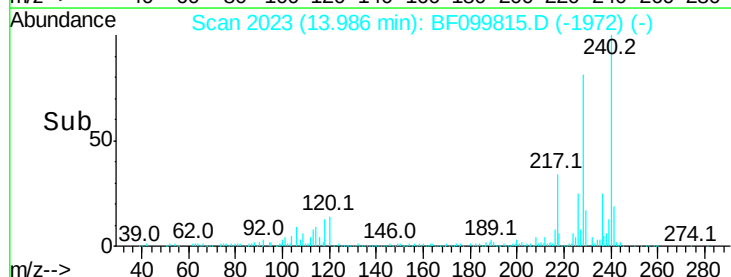
236 25.3 20.7 31.1

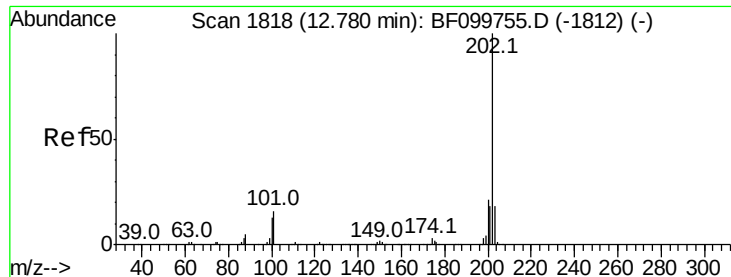


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

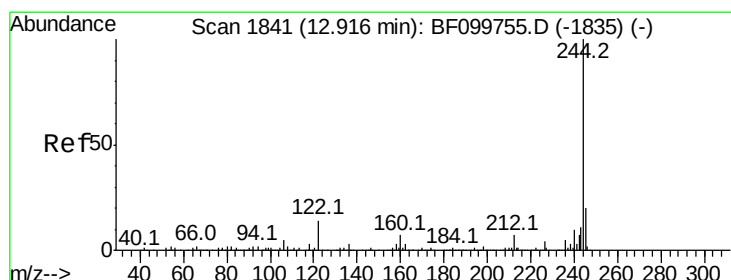
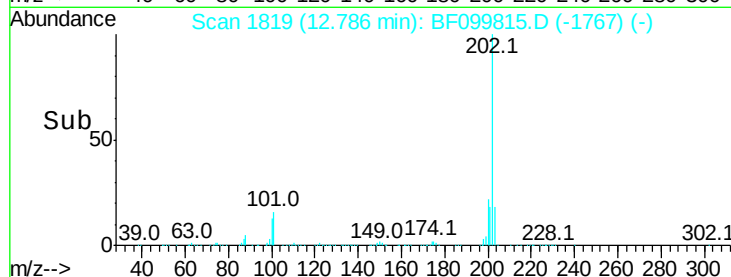
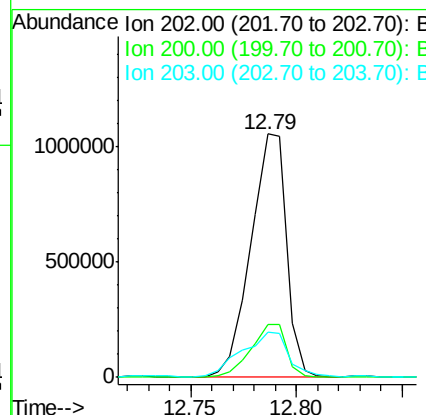
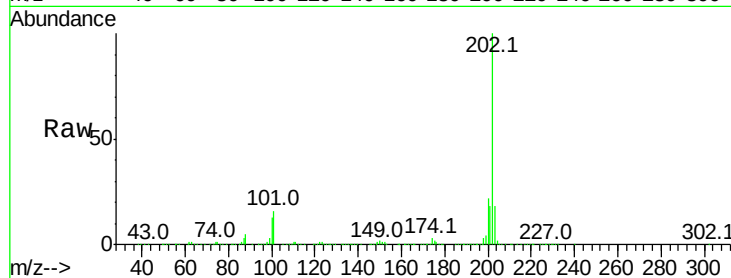




#77
Pvrene
Concen: 100.530 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

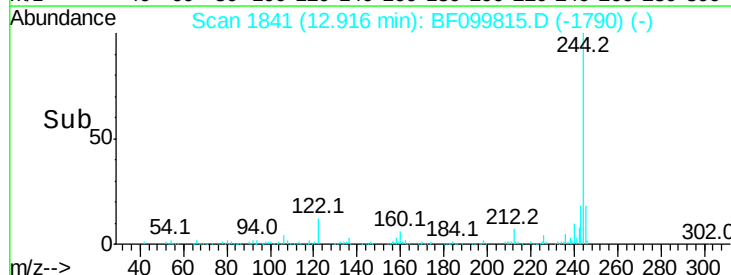
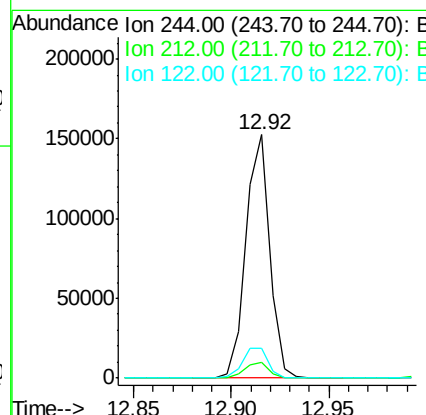
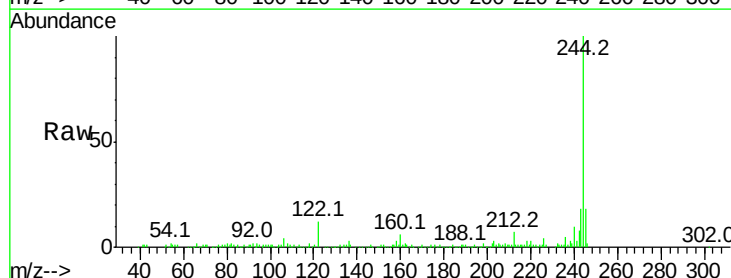
Instrument :
BNA_F
ClientSampleId :

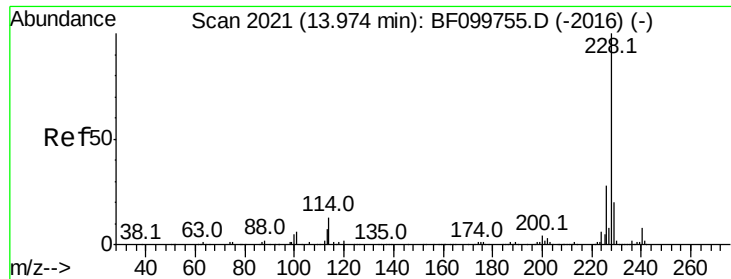
Tot Ion:202 Resp: 1246127
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.3 14.3 21.5



#78
Terphenyl-d14
Concen: 17.292 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Tgt Ion:244 Resp: 128985
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.1 11.0 16.4

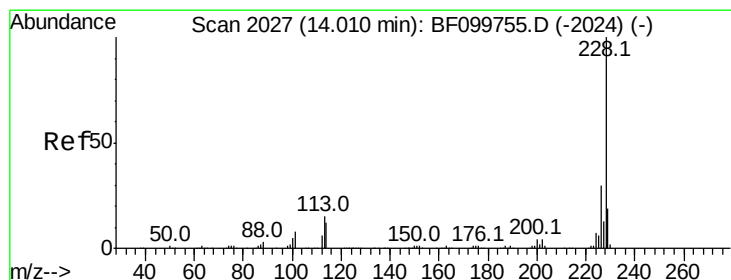
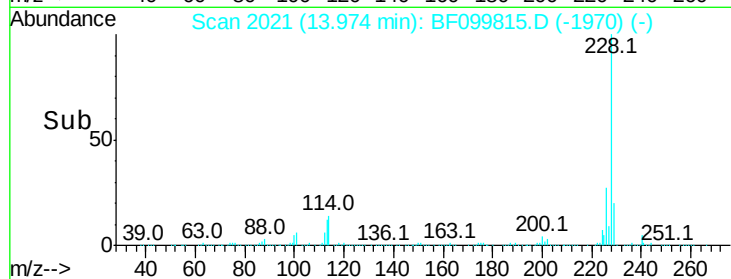
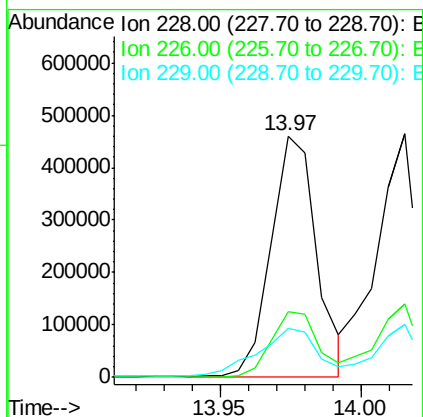
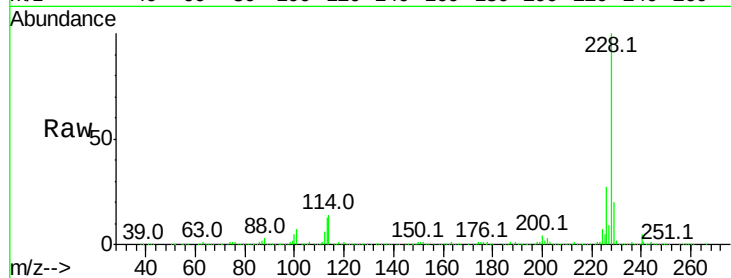




#80
Benzo(a)anthracene
Concen: 49.612 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

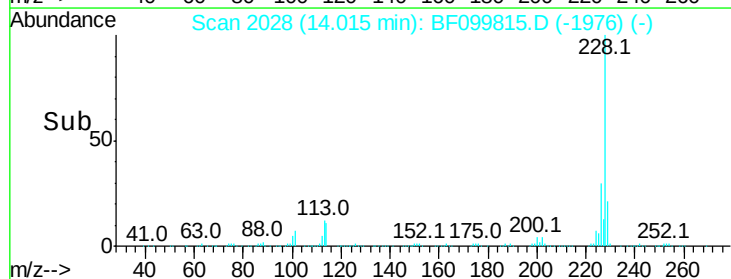
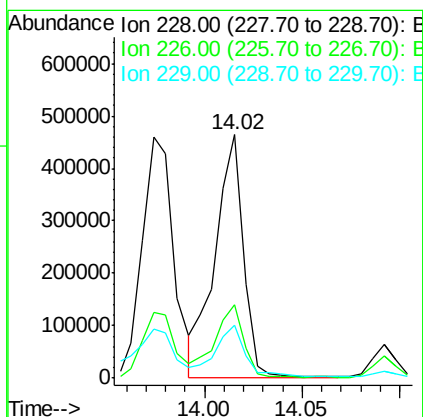
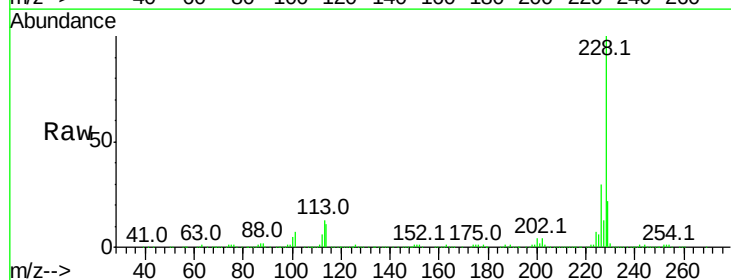
Instrument :
BNA_F
ClientSampleId :

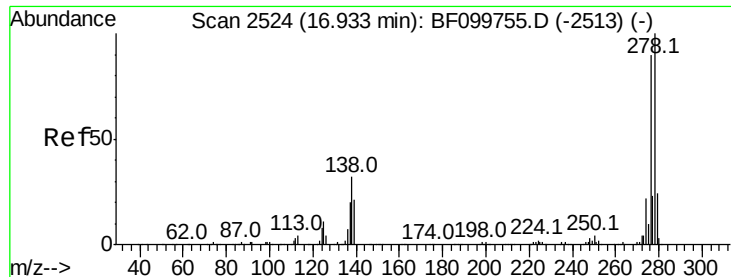
Tot Ion:228 Resp: 512700
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.3 15.8 23.6



#82
Chrysene
Concen: 48.108 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF099815.D
Acq: 25 Oct 2017 16:05

Tgt Ion:228 Resp: 467386
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 21.6 16.2 24.4

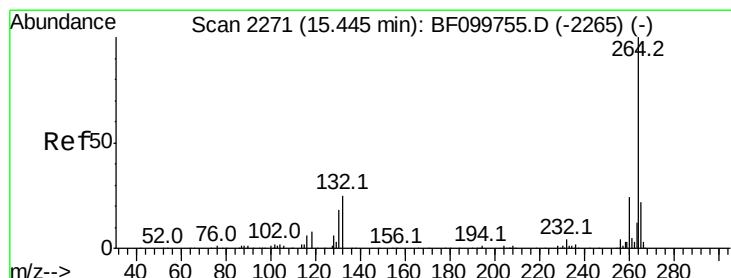
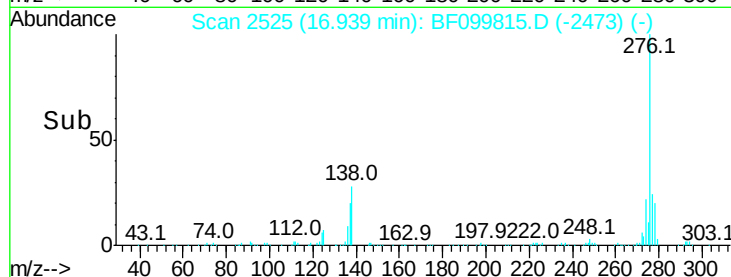
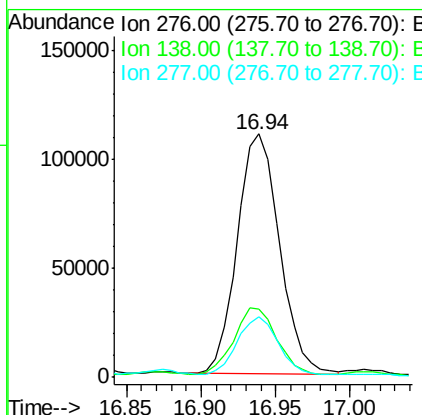
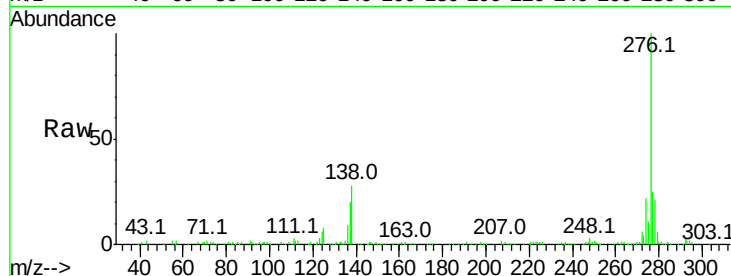




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.219 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

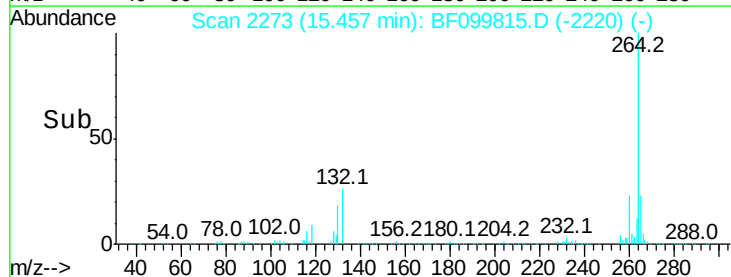
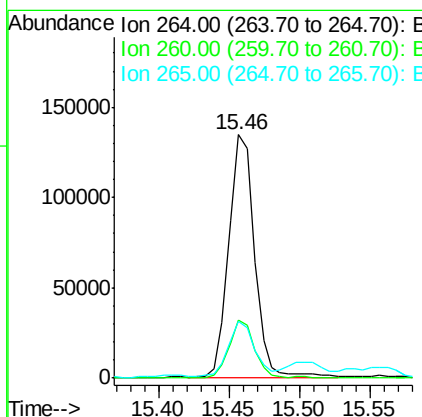
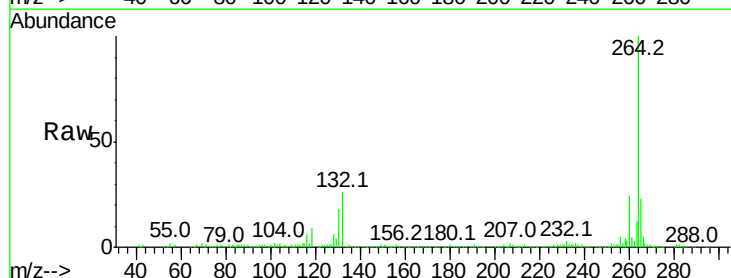
Instrument :
 BNA_F
 ClientSampled :

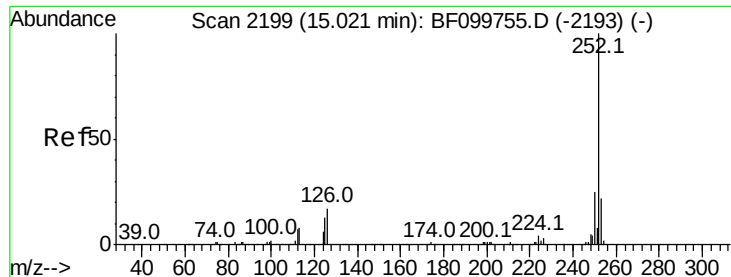
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	24.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 66.917 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

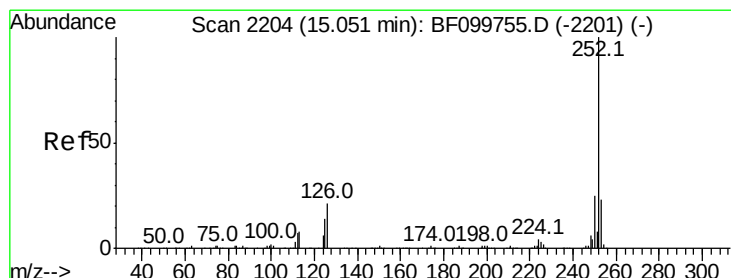
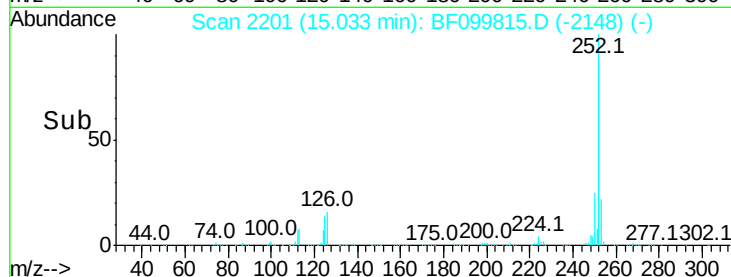
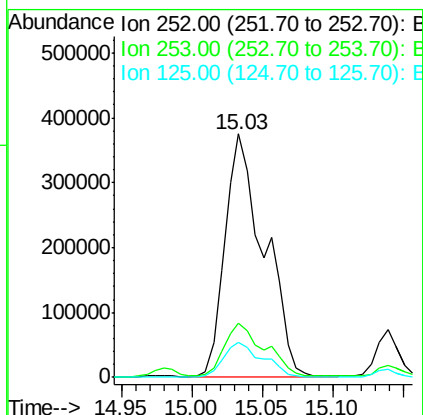
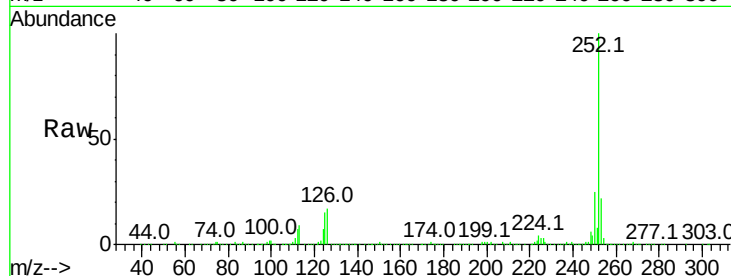
Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 723101

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 70.965 ng

RT: 15.03 min Scan# 2201

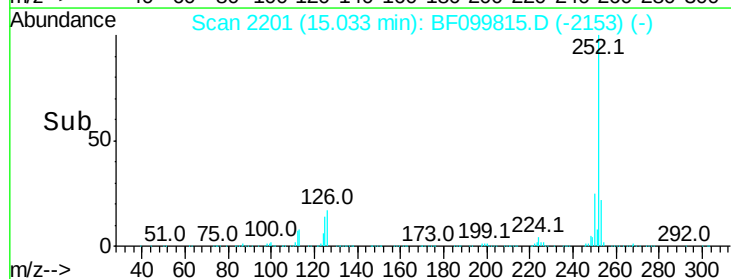
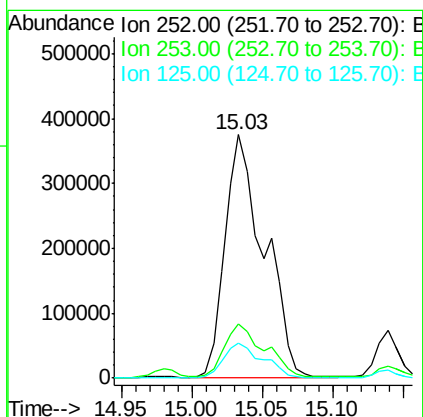
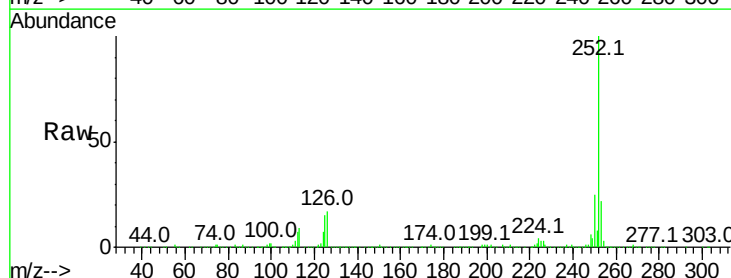
Delta R.T. -0.02 min

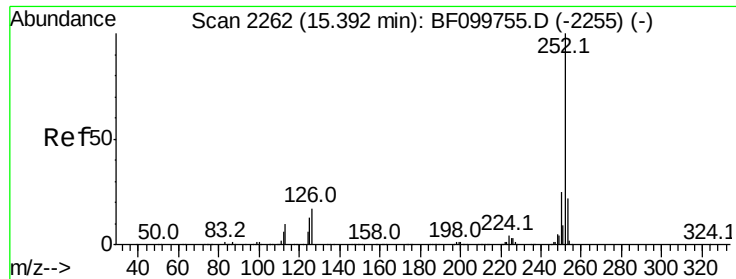
Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Tgt Ion:252 Resp: 723101

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.167 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099815.D

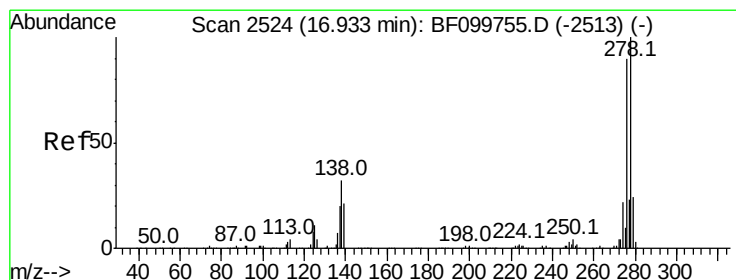
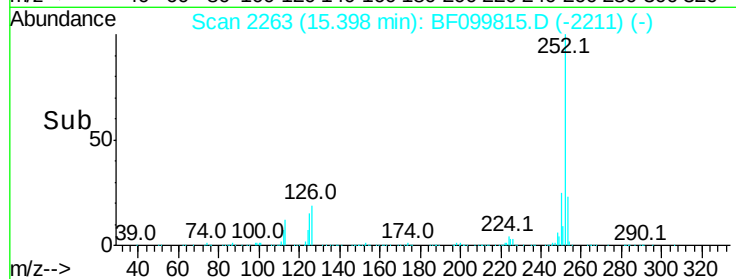
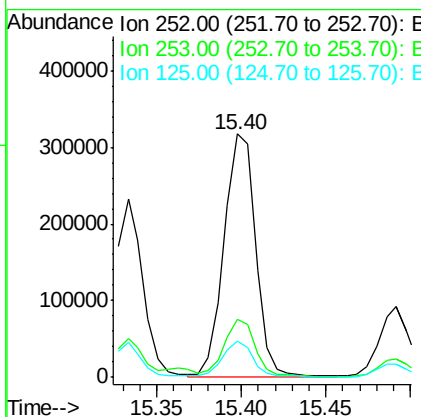
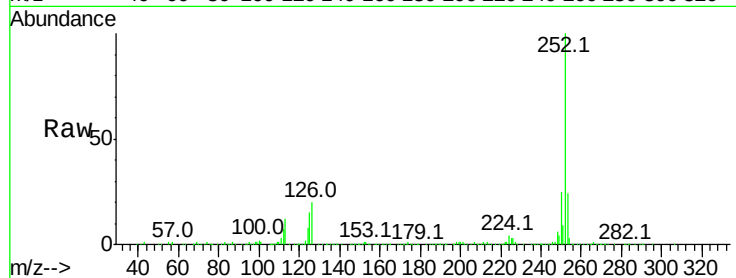
Acq: 25 Oct 2017 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	409305
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	14.8	9.8	14.6#



#90

Dibenzo(a,h)anthracene

Concen: 4.719 ng

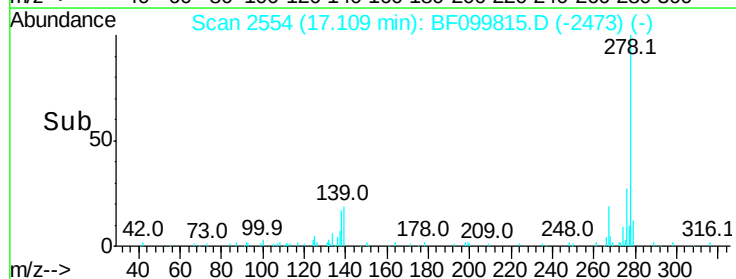
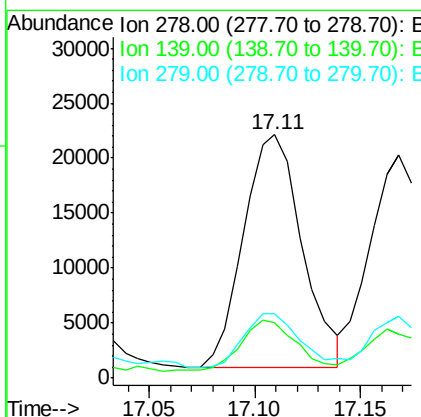
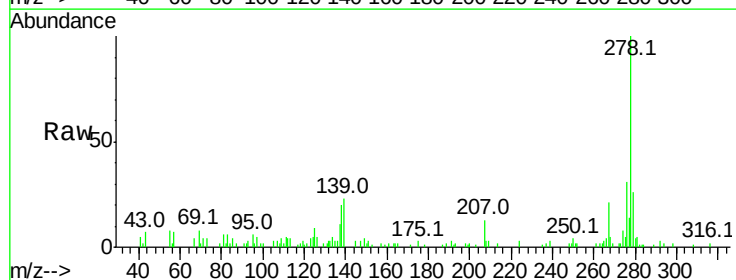
RT: 17.11 min Scan# 2554

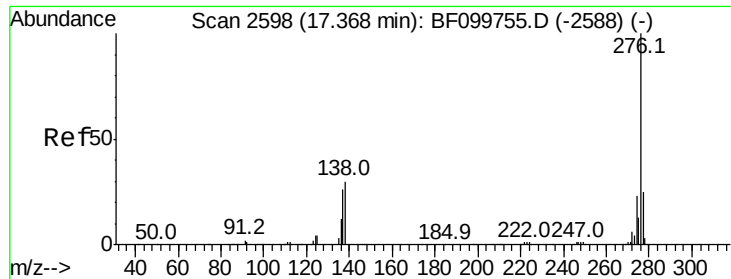
Delta R.T. 0.18 min

Lab File: BF099815.D

Acq: 25 Oct 2017 16:05

Tgt Ion:	278	Resp:	40705
Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	26.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 24.077 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.02 min
 Lab File: BF099815.D
 Acq: 25 Oct 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	30.6	21.8	32.8

