

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
 Data File : BF116465.D
 Acq On : 21 Aug 2019 15:02
 Operator : HP/JU
 Sample : K4421-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 16:16:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95245	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	373448	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	194978	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	298439	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	213337	20.00	ng	-0.01
87) Perylene-d12	15.43	264	206202	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	613147	107.77	ng	-0.02
7) Phenol-d6	6.45	99	813963	113.39	ng	-0.02
23) Nitrobenzene-d5	7.36	82	496795	76.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	164582	87.06	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	806298	77.46	ng	-0.02
79) Terphenyl-d14	12.90	244	752372	74.31	ng	-0.02

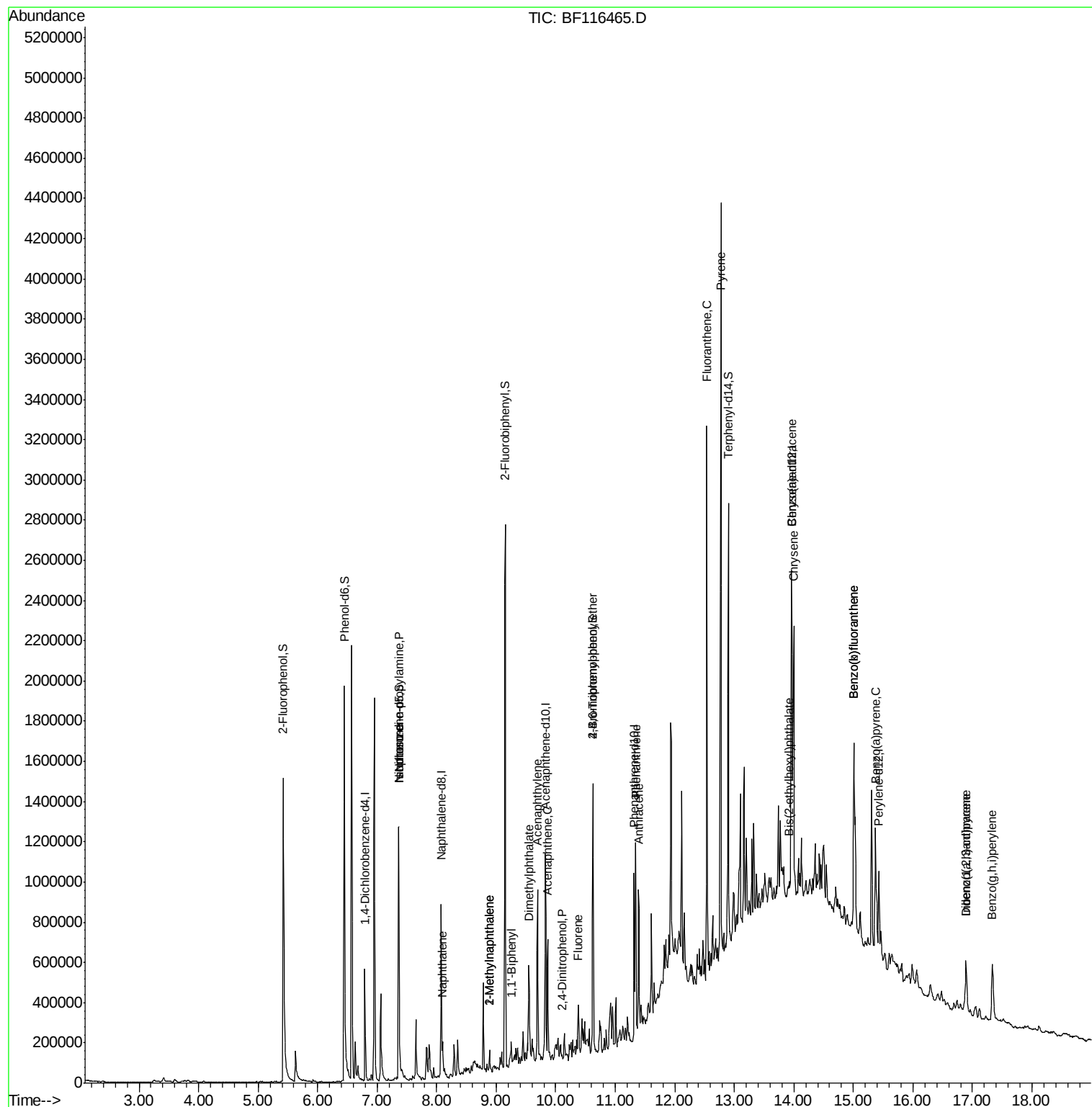
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	67385	15.149	ng	# 81
25) Isophorone	7.36	82	496795	40.158	ng	# 65
31) Naphthalene	8.10	128	67802	3.858	ng	97
37) 2-Methylnaphthalene	8.89	142	28358	2.450	ng	98
38) 1-Methylnaphthalene	8.89	142	28358	2.590	ng	# 95
46) 1,1'-Biphenyl	9.25	154	31019	2.253	ng	98
49) Acenaphthylene	9.69	152	308240	18.441	ng	98
50) Dimethylphthalate	9.55	163	144450	10.881	ng	99
52) Acenaphthene	9.86	154	116451	11.357	ng	97
54) 2,4-Dinitrophenol	10.11	184	780	8.292	ng	# 55
58) Fluorene	10.38	166	76240	6.645	ng	97
67) 4-Bromophenyl-phenylether	10.62	248	9789	3.064	ng	# 1
71) Phenanthrene	11.35	178	381027	24.974	ng	99
72) Anthracene	11.39	178	301089	19.500	ng	99
75) Fluoranthene	12.54	202	1155491	72.343	ng	96
78) Pyrene	12.77	202	1751349	108.904	ng	99
81) Benzo(a)anthracene	13.96	228	620983	45.541	ng	99
83) Chrysene	14.00	228	563265	42.549	ng	100
84) Bis(2-ethylhexyl)phthalate	13.92	149	22345	2.528	ng	# 92
86) Indeno(1,2,3-cd)pyrene	16.89	276	188150	16.922	ng	95
88) Benzo(b)fluoranthene	15.01	252	680227	57.052	ng	# 97
89) Benzo(k)fluoranthene	15.01	252	680227	58.575	ng	# 96
90) Benzo(a)pyrene	15.37	252	306517	28.759	ng	# 97
91) Dibenzo(a,h)anthracene	16.89	278	42266	4.581	ng	# 83
92) Benzo(g,h,i)perylene	17.33	276	241632	26.669	ng	97

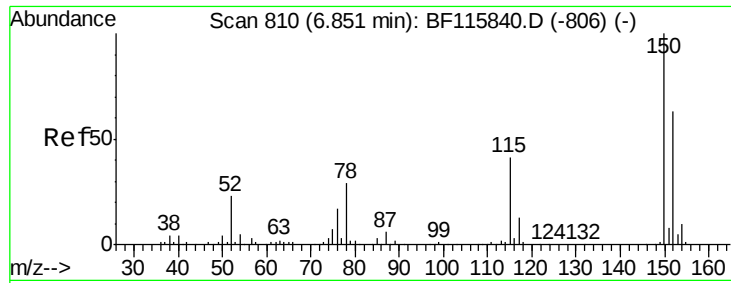
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116465.D
Acq On : 21 Aug 2019 15:02
Operator : HP/JU
Sample : K4421-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Aug 21 16:16:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration



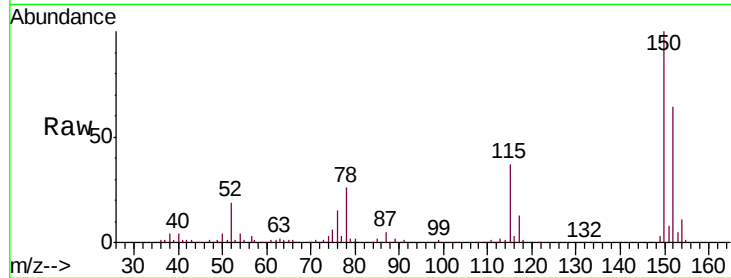


#1

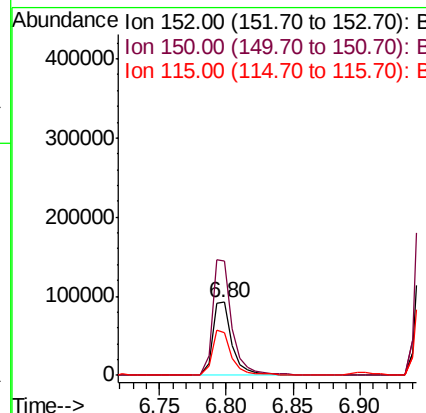
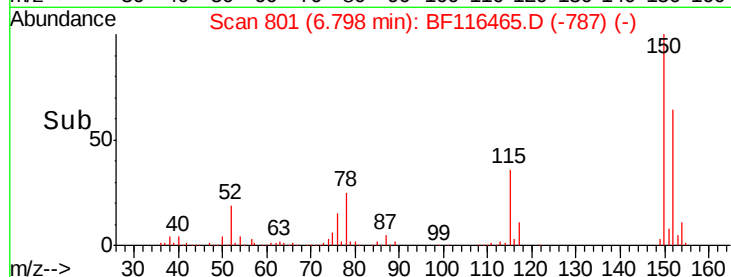
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95245
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 57.7 49.9 74.9



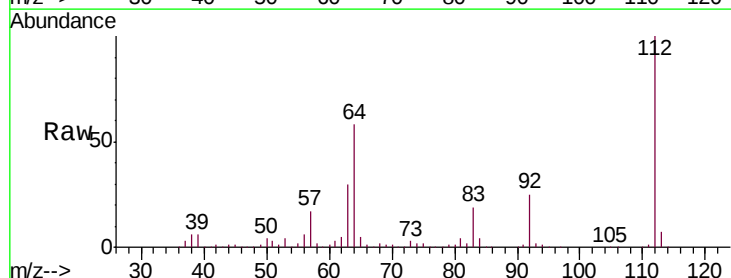
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



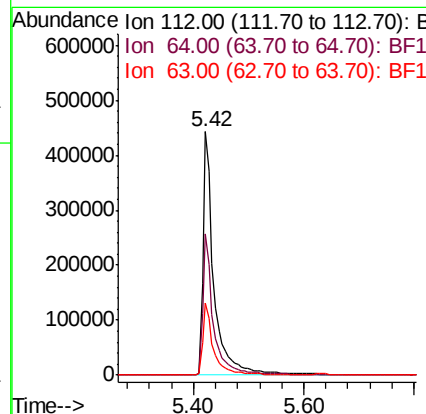
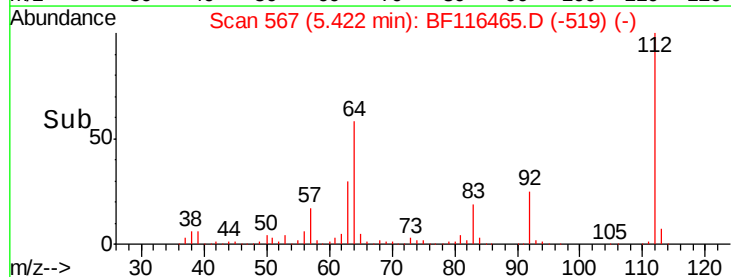
#5

2-Fluorophenol
Concen: 107.769 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Tgt Ion:112 Resp: 613147
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.2
63 29.8 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: 113.393 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

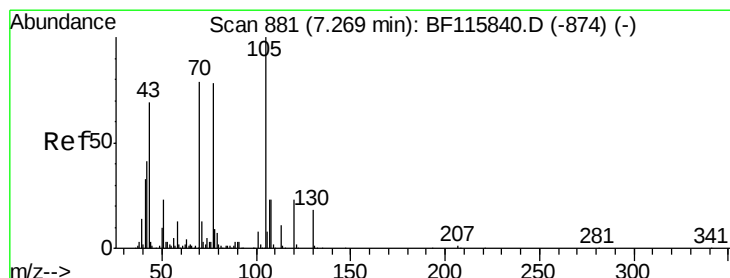
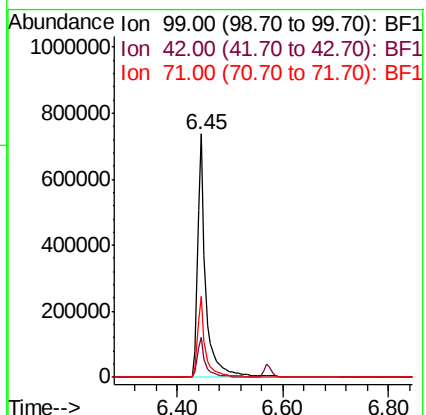
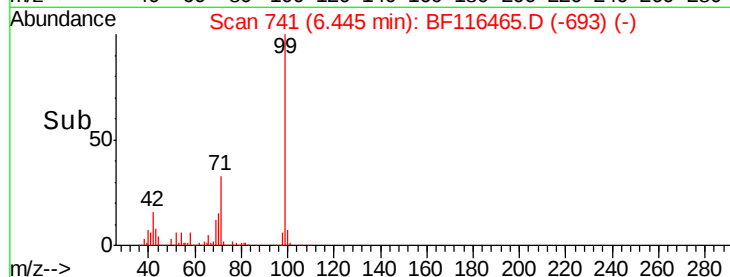
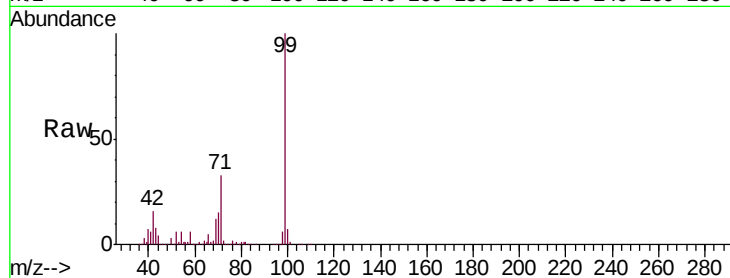
Tot Ion: 99 Resp: 813963

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

71 33.4 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 15.149 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Tgt Ion: 70 Resp: 67385

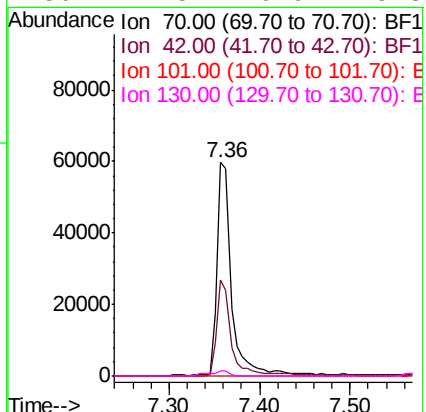
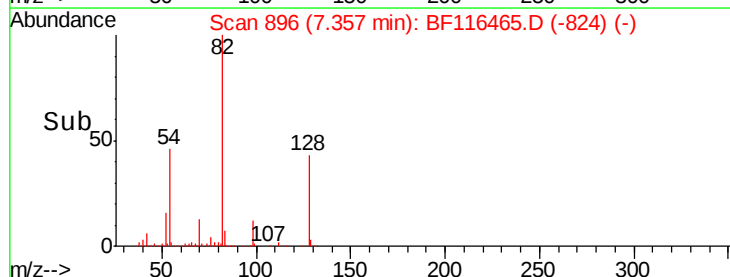
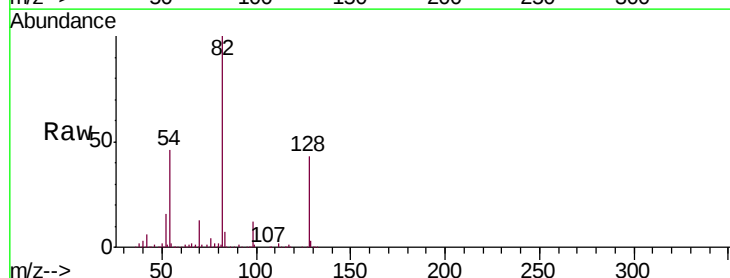
Ion Ratio Lower Upper

70 100

42 44.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.5 16.9 25.3#

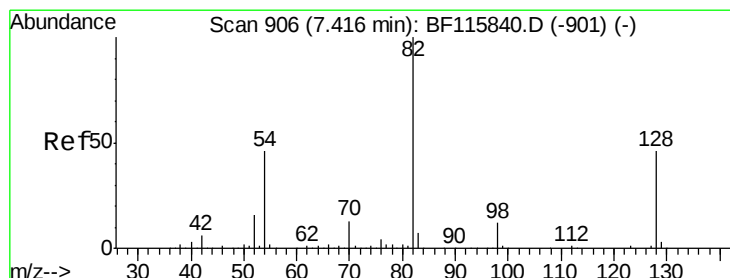
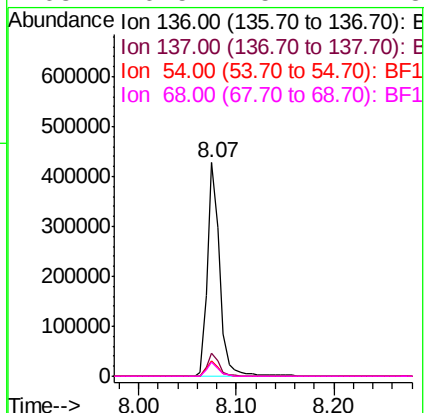
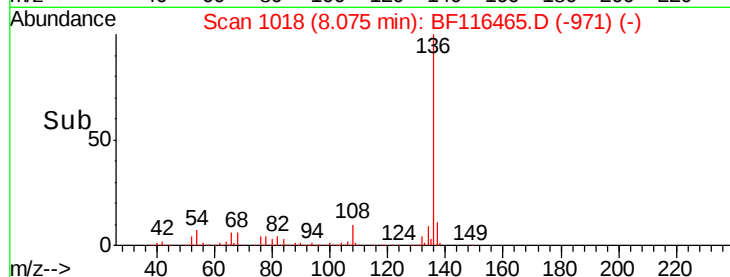
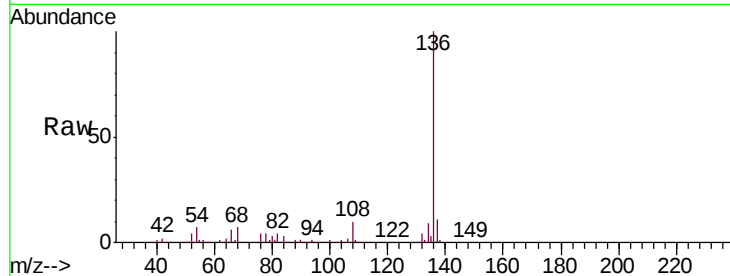




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

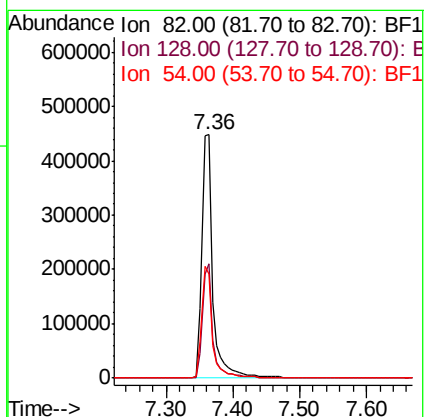
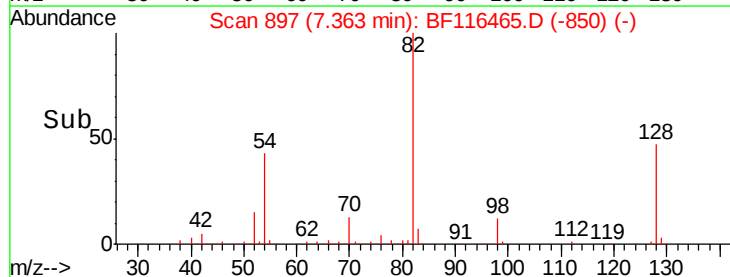
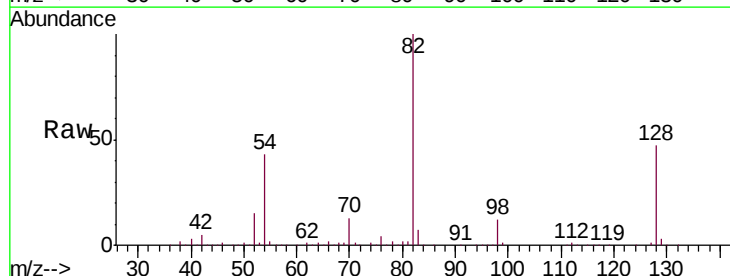
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	373448
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.0	13.4
54 7.4	5.8	8.6
68 6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 76.789 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Tgt	Ion: 82	Resp:	496795
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	42.9	36.0	54.0





#25

Isophorone

Concen: 40.158 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

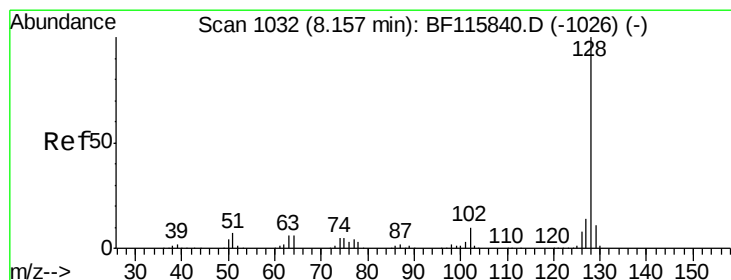
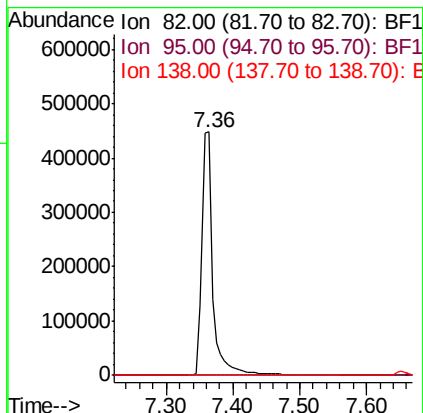
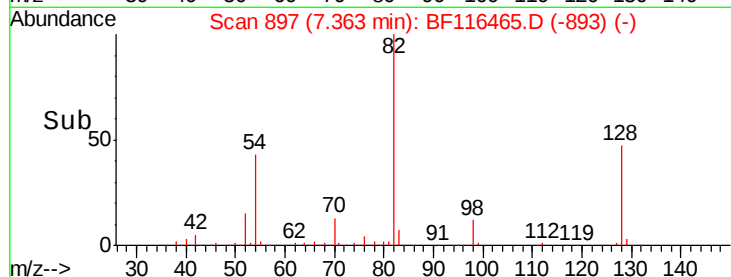
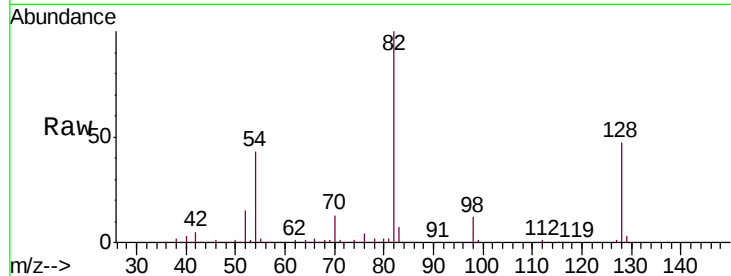
Tot Ion: 82 Resp: 496795

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 14.5 21.7#



#31

Naphthalene

Concen: 3.858 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

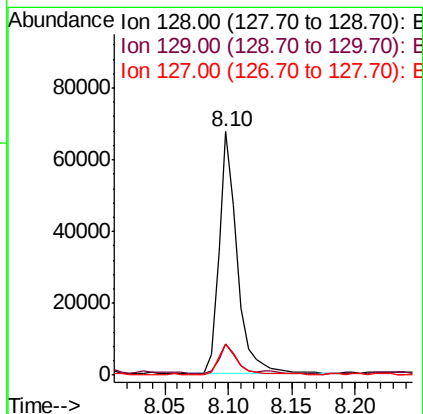
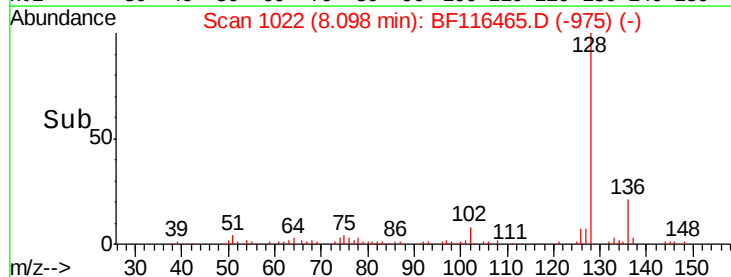
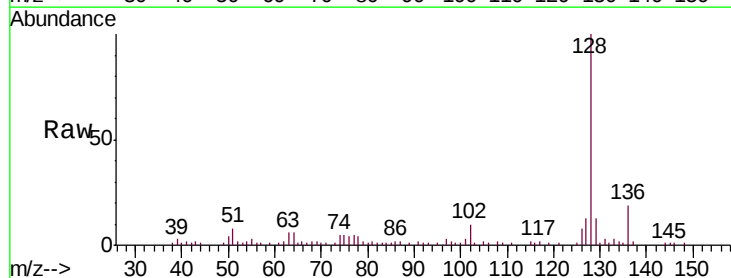
Tgt Ion: 128 Resp: 67802

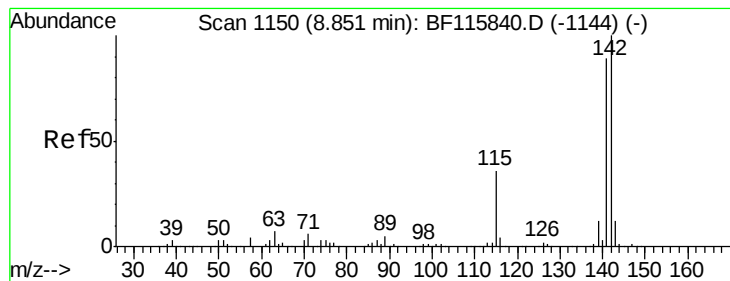
Ion Ratio Lower Upper

128 100

129 12.6 9.3 13.9

127 12.5 11.4 17.0





#37

2-Methylnaphthalene

Concen: 2.450 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.08 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

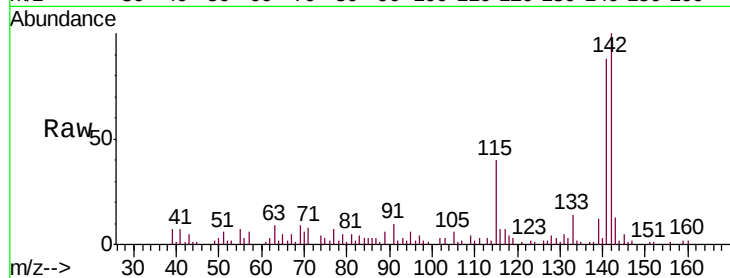
Tot Ion:142 Resp: 28358

Ion Ratio Lower Upper

142 100

141 88.1 70.9 106.3

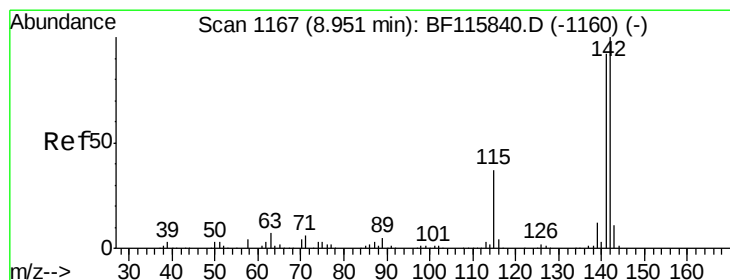
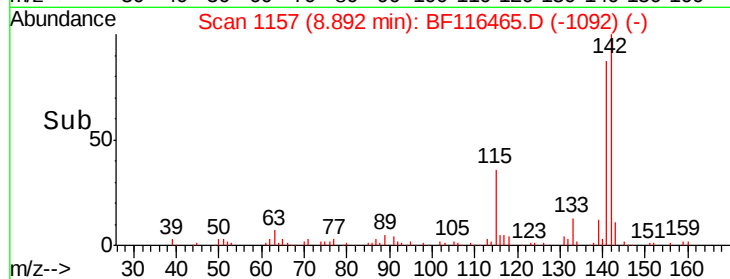
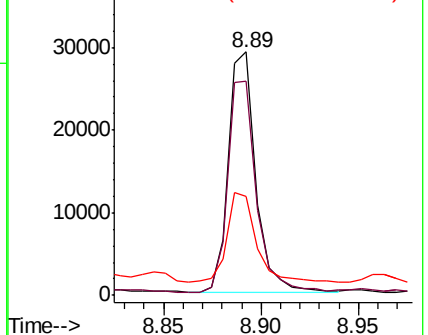
115 40.5 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.590 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

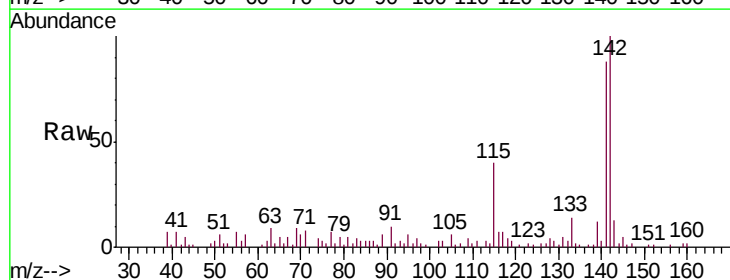
Tgt Ion:142 Resp: 28358

Ion Ratio Lower Upper

142 100

141 88.1 74.4 111.6

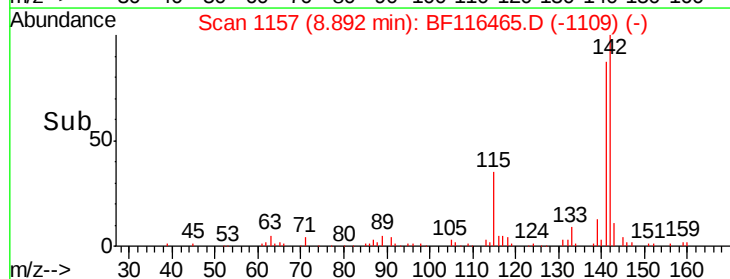
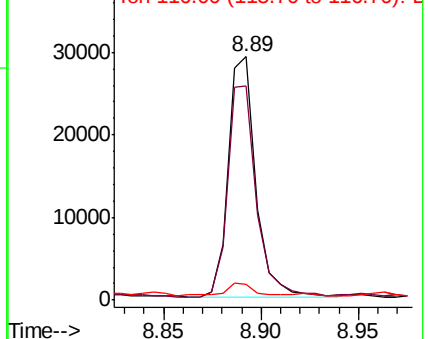
116 6.6 3.1 4.7#

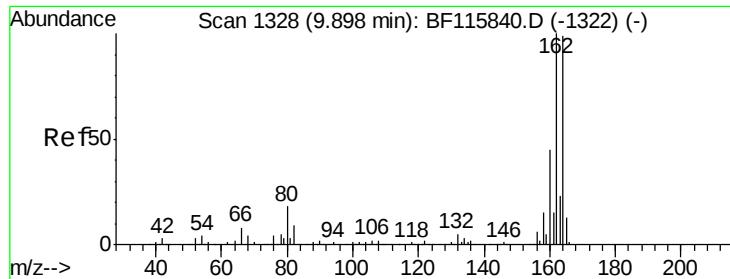


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

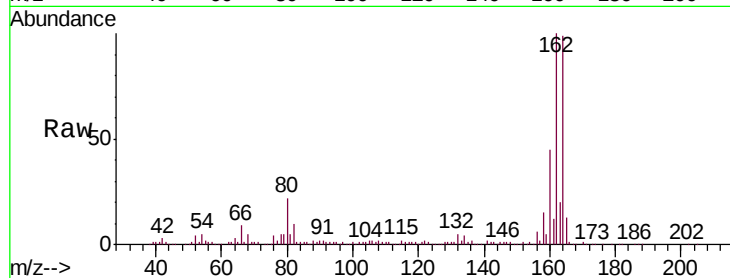




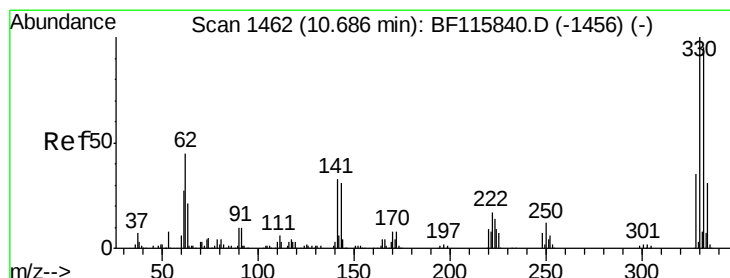
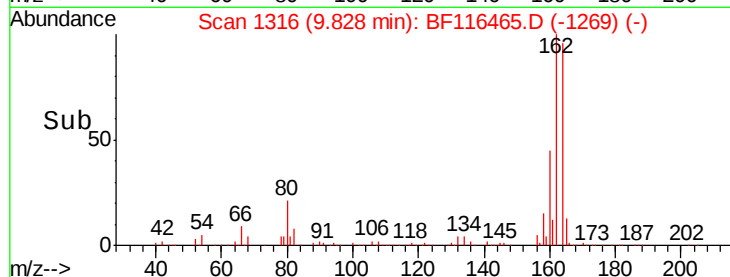
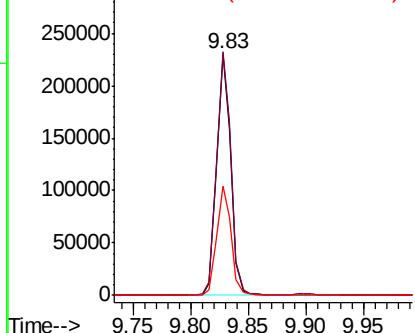
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 194978
Ion Ratio Lower Upper
164 100
162 100.9 82.6 124.0
160 45.1 37.6 56.4

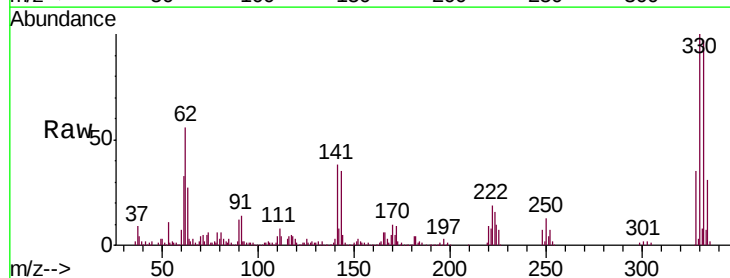


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

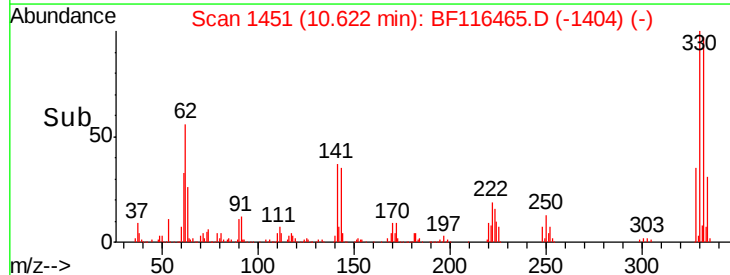
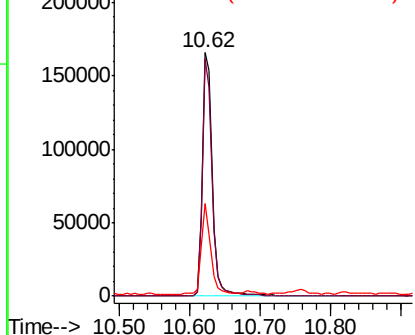


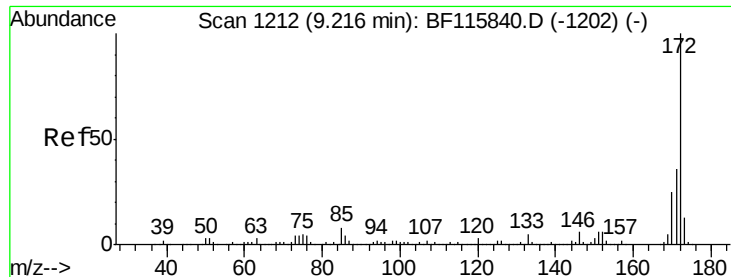
#42
2,4,6-Tribromophenol
Concen: 87.064 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Tgt Ion:330 Resp: 164582
Ion Ratio Lower Upper
330 100
332 94.5 76.8 115.2
141 35.4 26.3 39.5



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



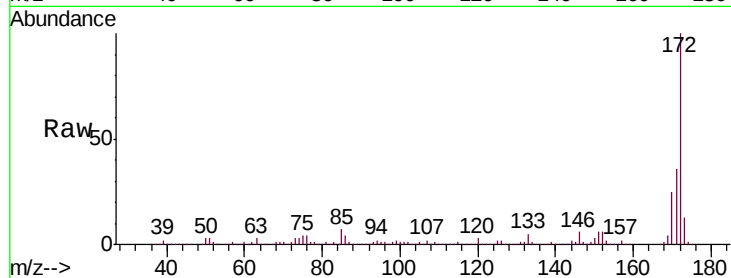


#45
 2-Fluorobiphenyl
 Concen: 77.458 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

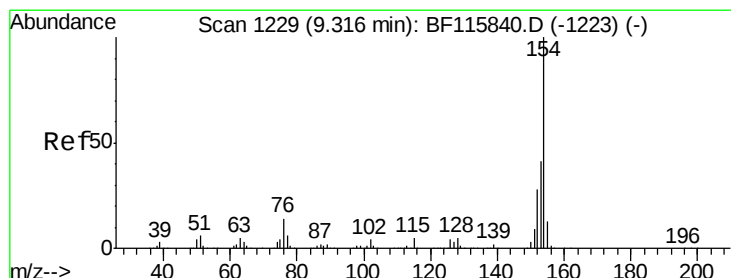
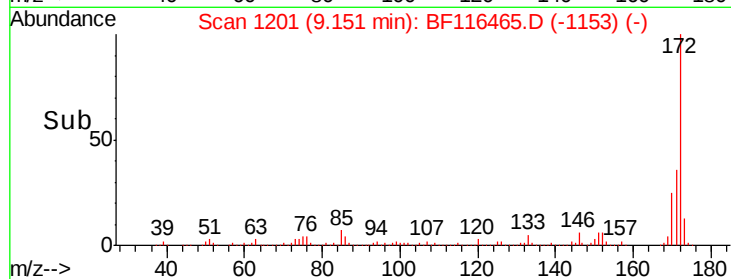
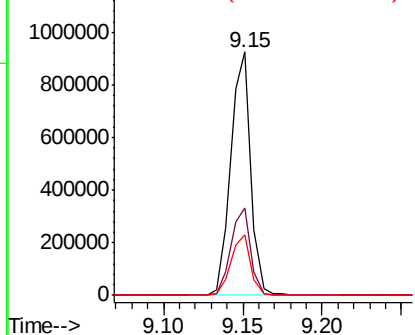
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 806298

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	20.1	30.1



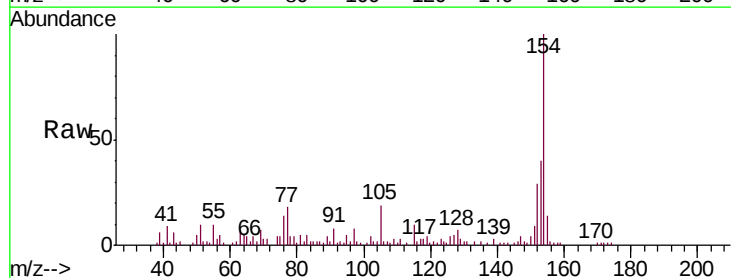
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



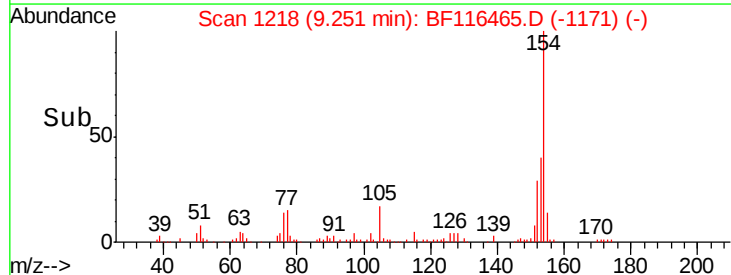
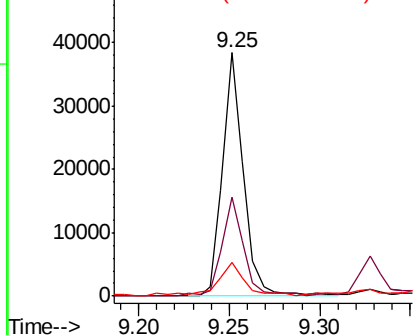
#46
 1,1'-Biphenyl
 Concen: 2.253 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

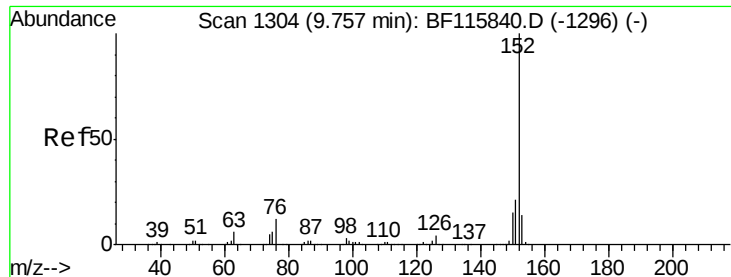
Tgt Ion:154 Resp: 31019

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	14.1	0.0	35.2



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





#49

Acenaphthylene

Concen: 18.441 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

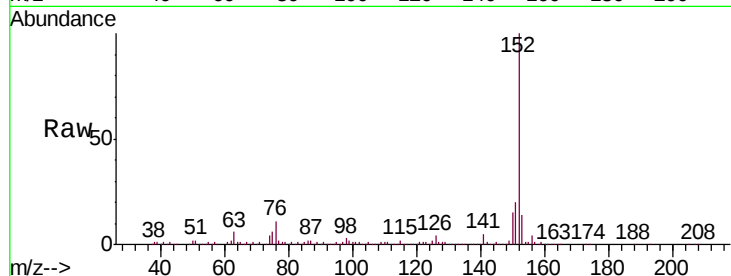
Tot Ion:152 Resp: 308240

Ion Ratio Lower Upper

152 100

151 20.2 17.2 25.8

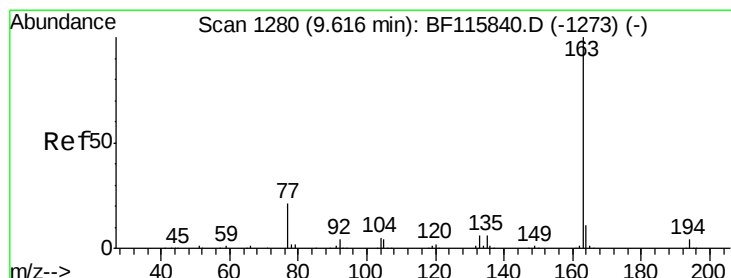
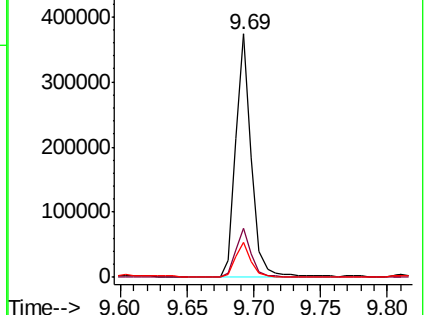
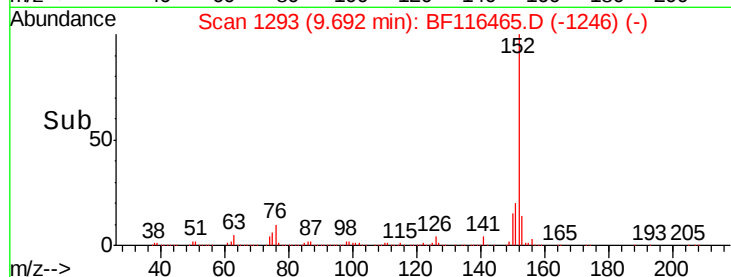
153 14.1 11.8 17.8



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

Dimethylphthalate

Concen: 10.881 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

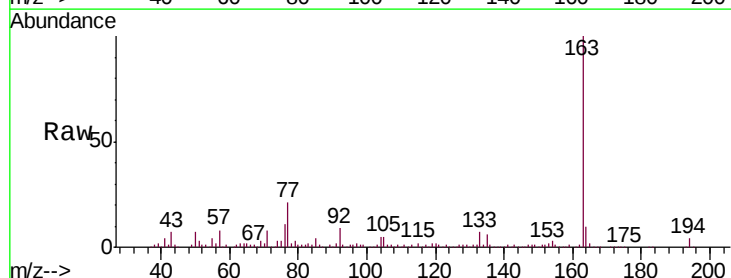
Tgt Ion:163 Resp: 144450

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

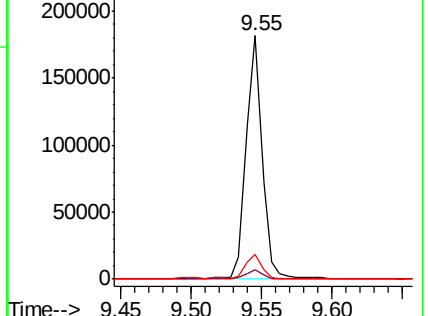
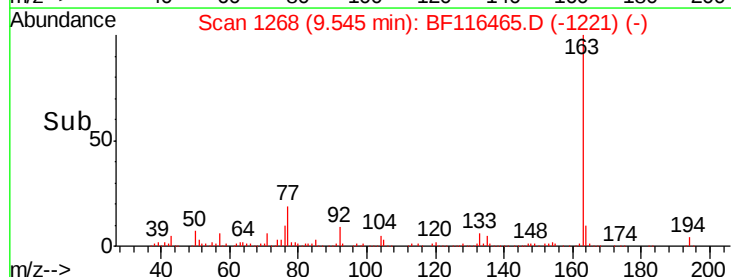
164 9.9 8.4 12.6

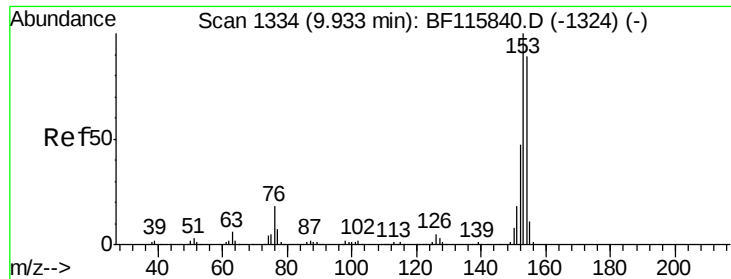


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 11.357 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

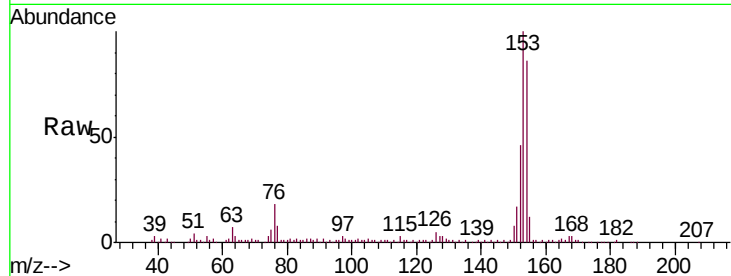
Tot Ion:154 Resp: 116451

Ion Ratio Lower Upper

154 100

153 116.3 89.4 134.0

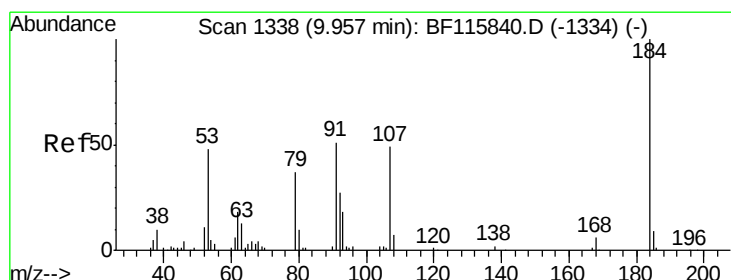
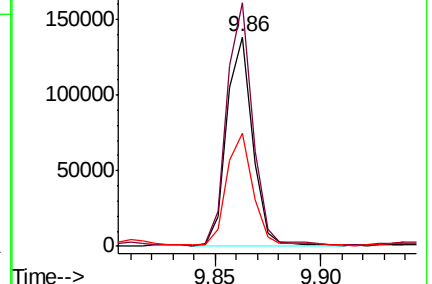
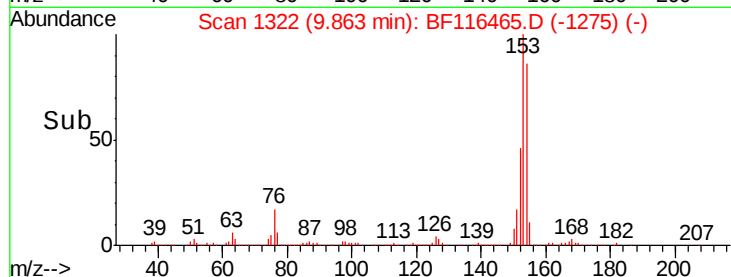
152 53.8 42.3 63.5



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

2,4-Dinitrophenol

Concen: 8.292 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.16 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

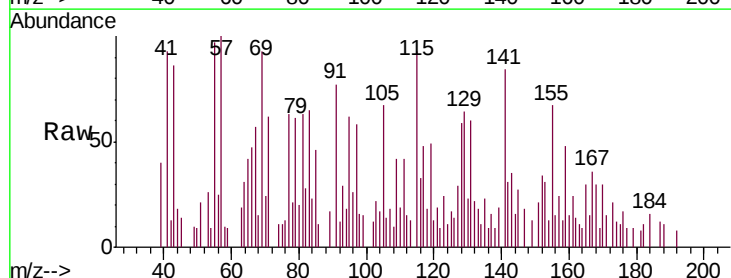
Tgt Ion:184 Resp: 780

Ion Ratio Lower Upper

184 100

63 118.0 53.0 79.4#

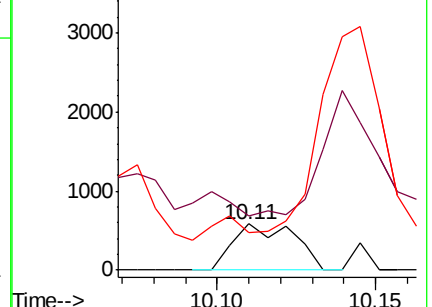
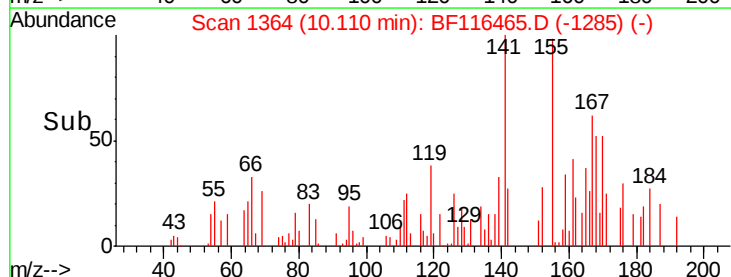
154 80.4 50.1 75.1#

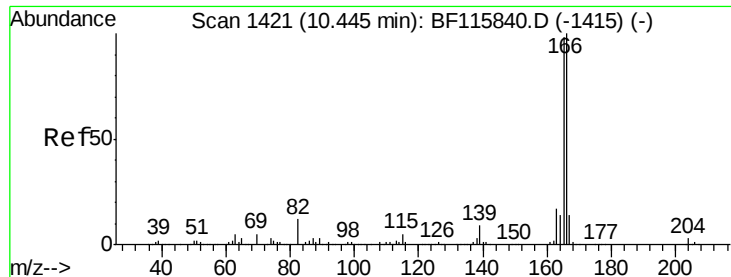


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

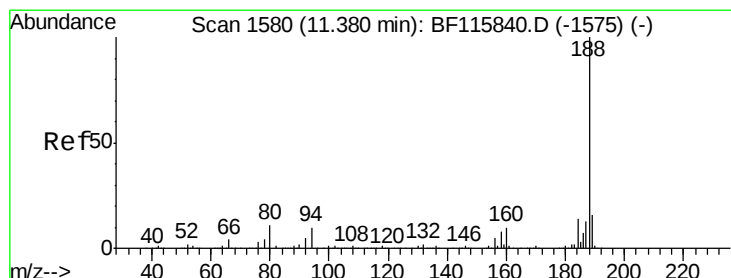
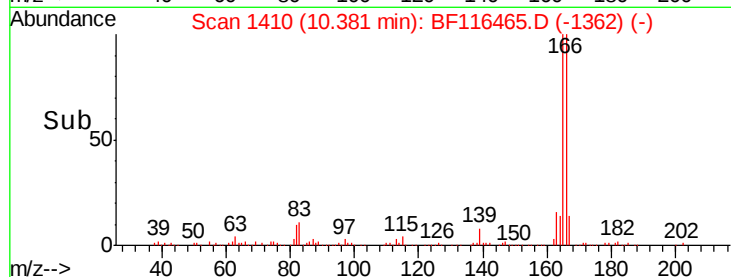
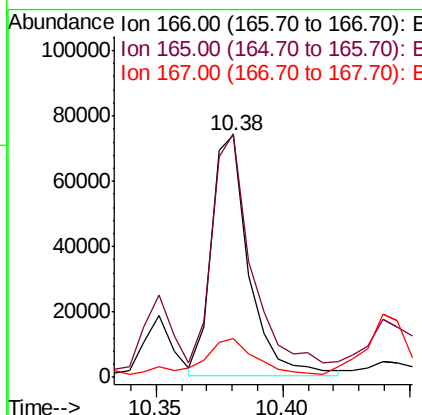
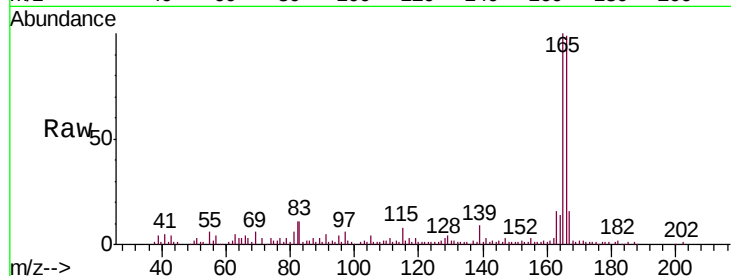




#58
 Fluorene
 Concen: 6.645 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

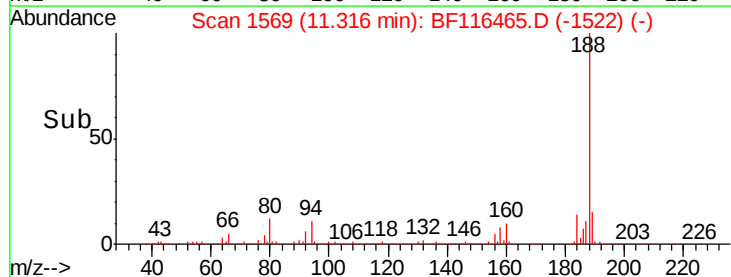
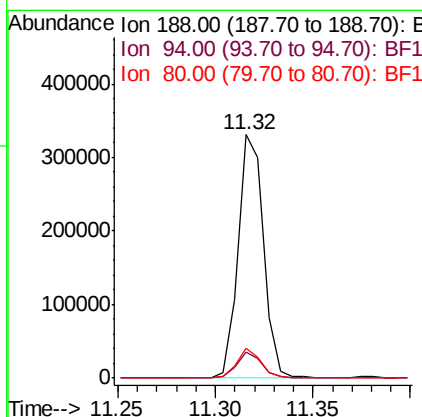
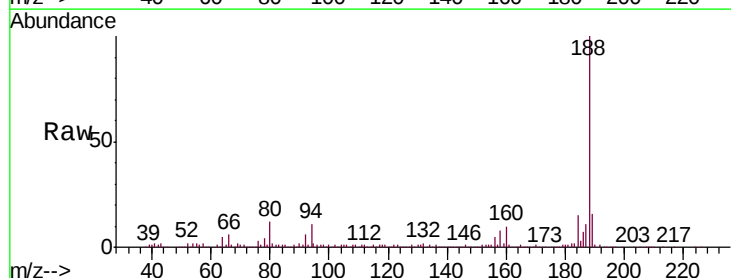
Instrument :
 BNA_F
 ClientSampleId :

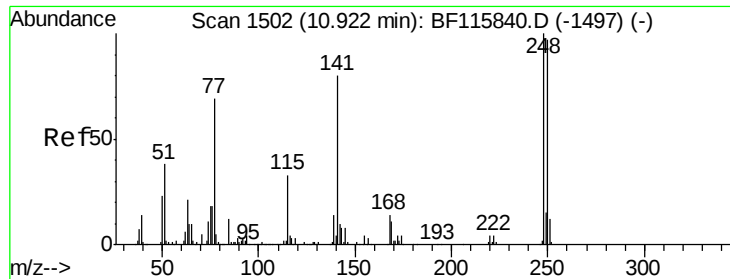
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.4	117.6
167	15.9	11.0	16.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.1	12.1
80	12.1	8.7	13.1

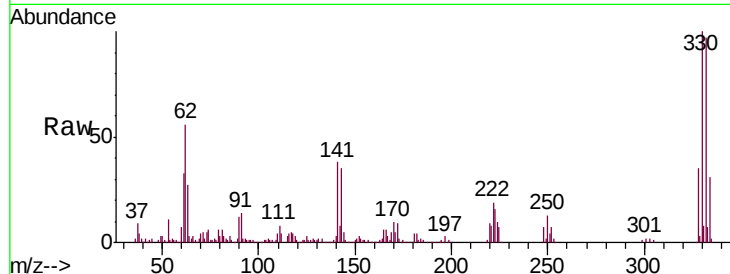




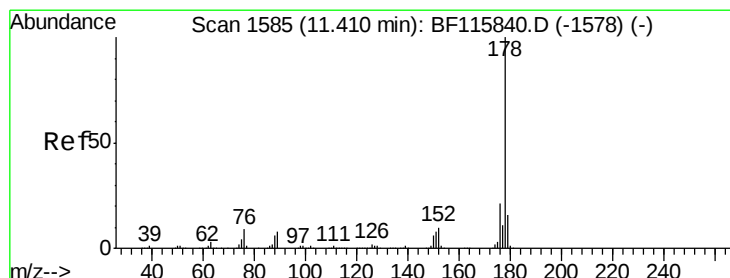
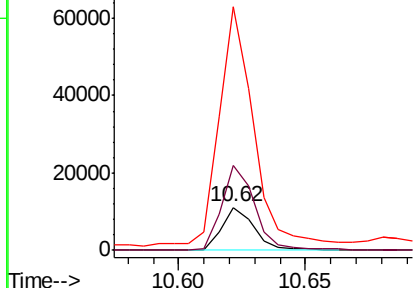
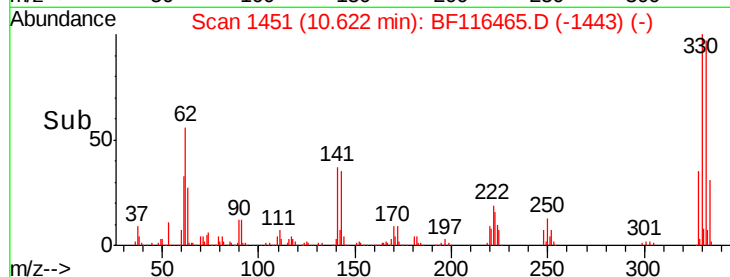
#67
 4-Bromophenyl-phenylether
 Concen: 3.064 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9789
 Ion Ratio Lower Upper
 248 100
 250 197.4 77.4 116.2#
 141 569.2 56.8 85.2#

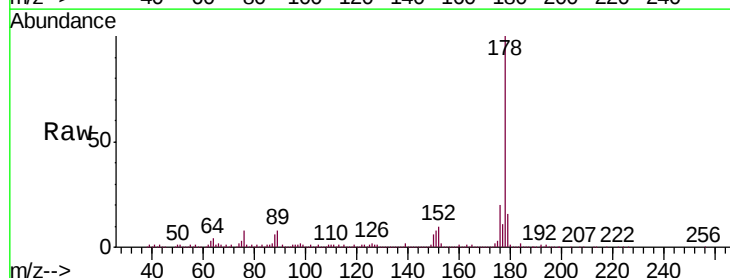


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

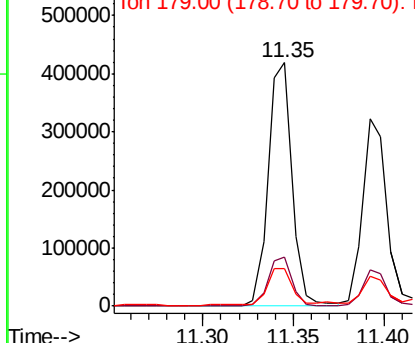
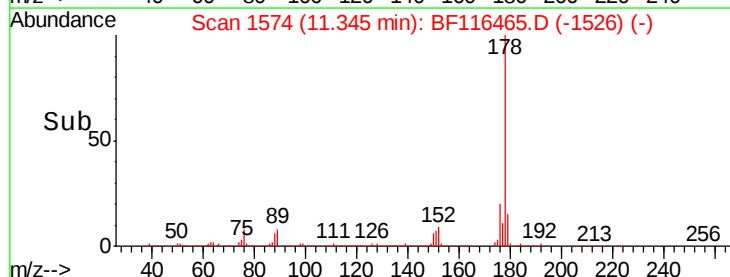


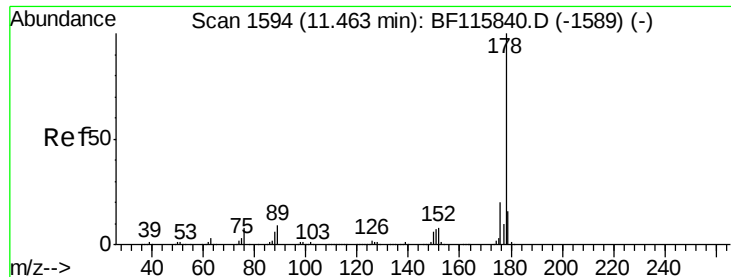
#71
 Phenanthrene
 Concen: 24.974 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

Tgt Ion:178 Resp: 381027
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 24.8
 179 15.6 12.5 18.7



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

Anthracene

Concen: 19.500 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

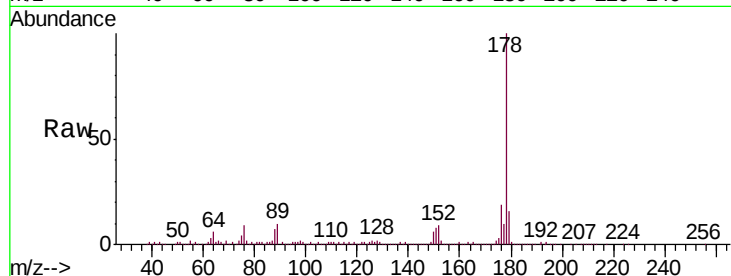
Tot Ion:178 Resp: 301089

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

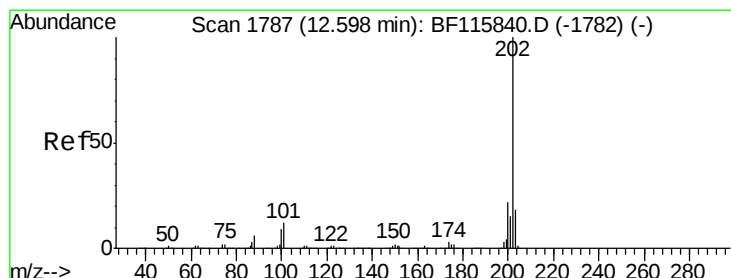
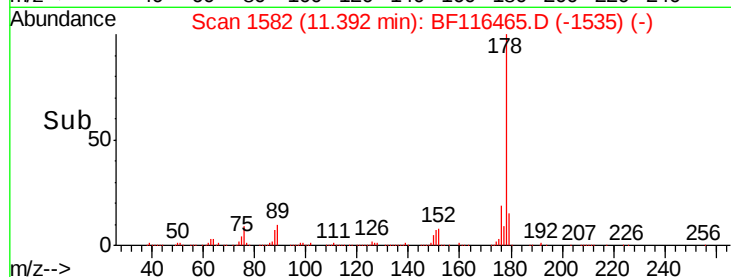
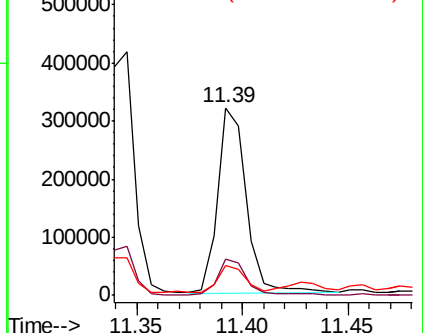
179 16.1 13.0 19.6



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



#75

Fluoranthene

Concen: 72.343 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

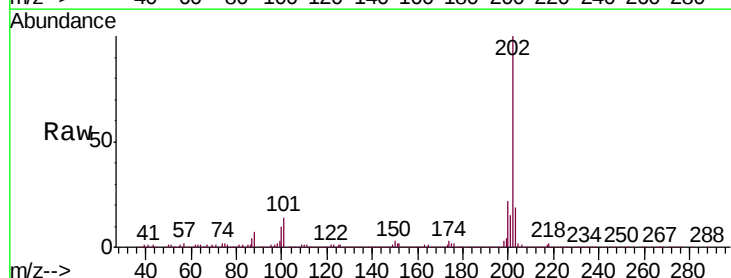
Tgt Ion:202 Resp: 1155491

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.2

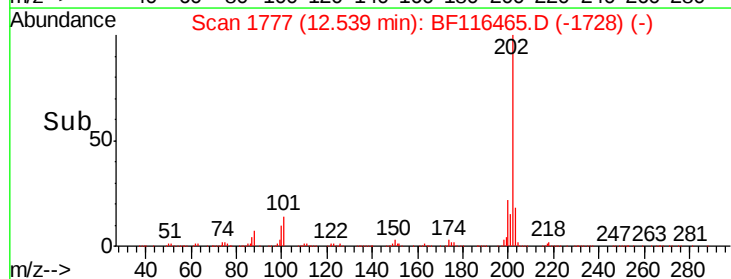
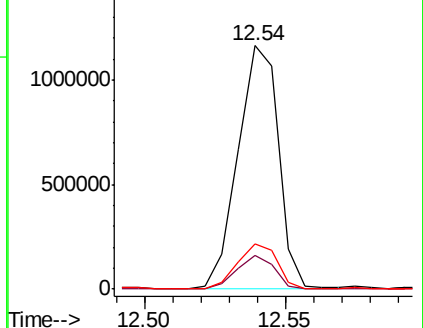
203 18.5 0.0 37.8

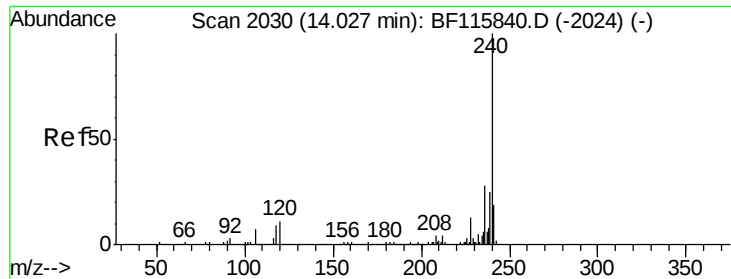


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

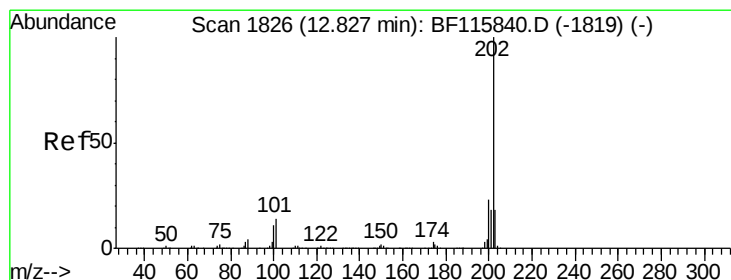
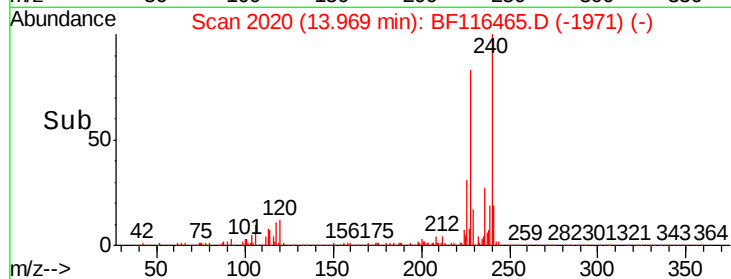
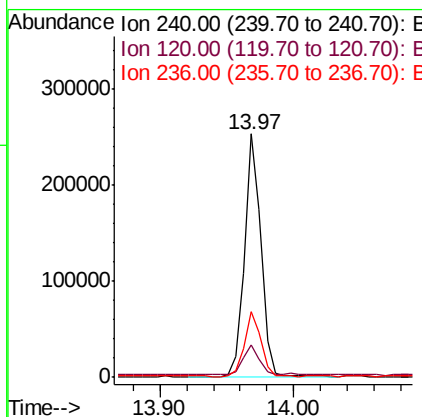
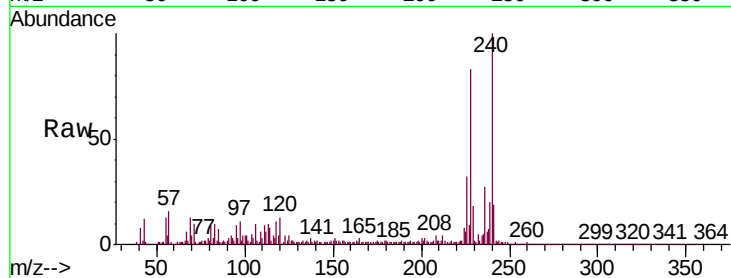




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

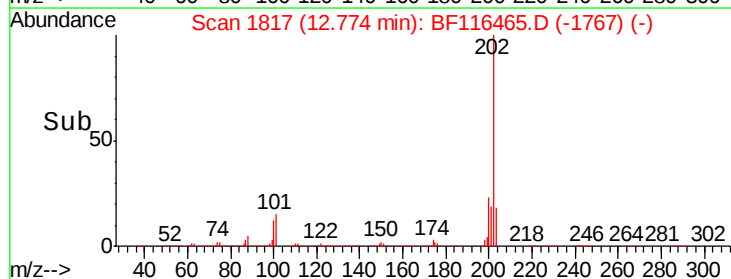
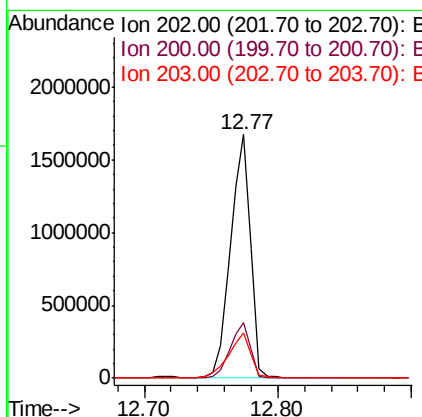
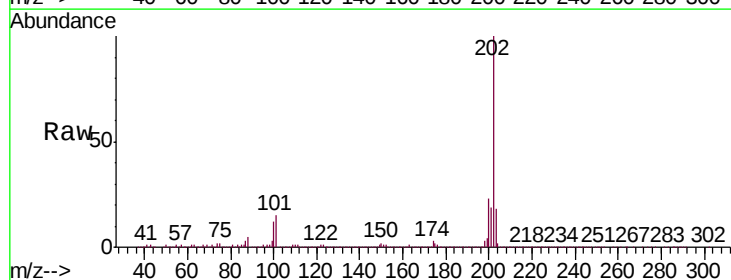
Instrument :
BNA_F
ClientSampleId :

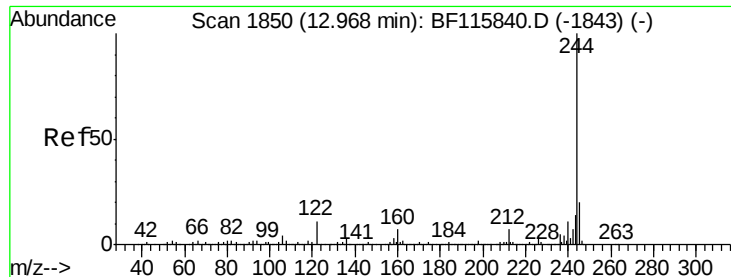
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.7	16.1
236	27.1	22.2	33.2



#78
Pyrene
Concen: 108.904 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.0	27.0
203	18.4	14.1	21.1





#79

Terphenyl-d14

Concen: 74.313 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

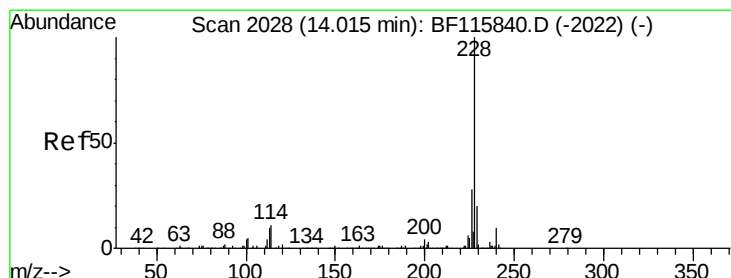
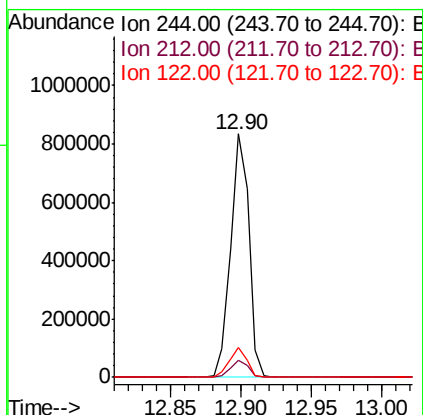
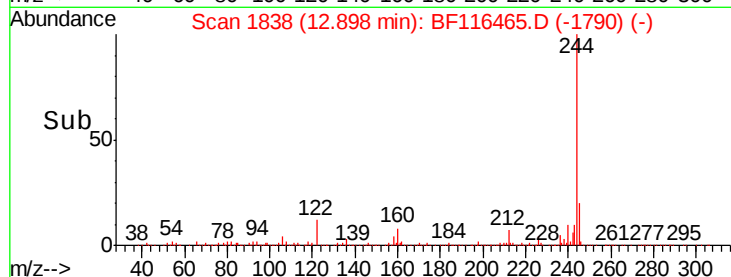
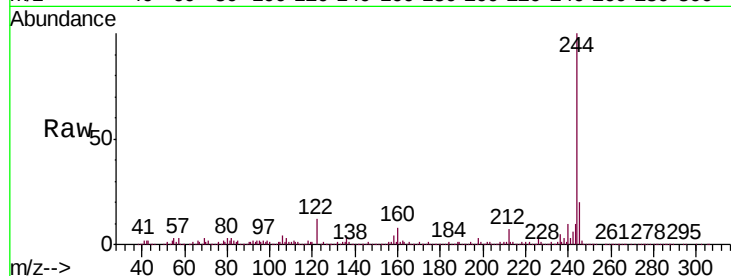
Tot Ion:244 Resp: 752372

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 12.5 9.0 13.4



#81

Benzo(a)anthracene

Concen: 45.541 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

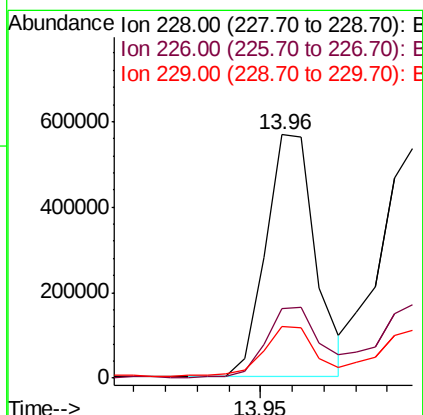
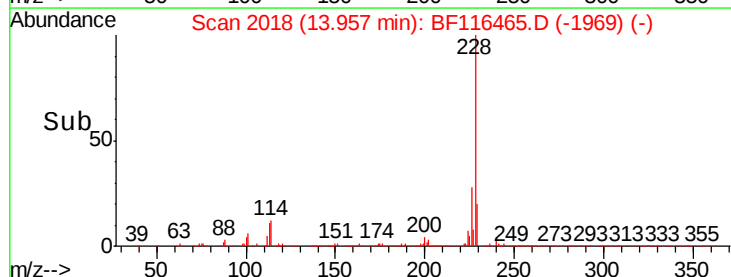
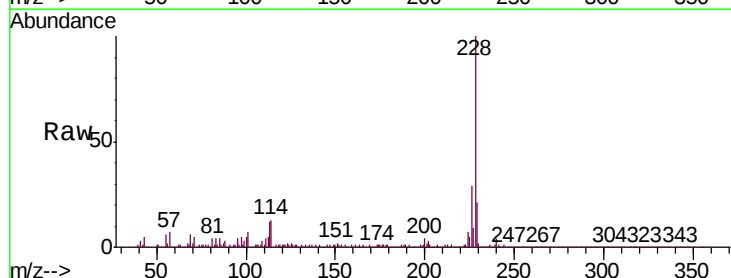
Tgt Ion:228 Resp: 620983

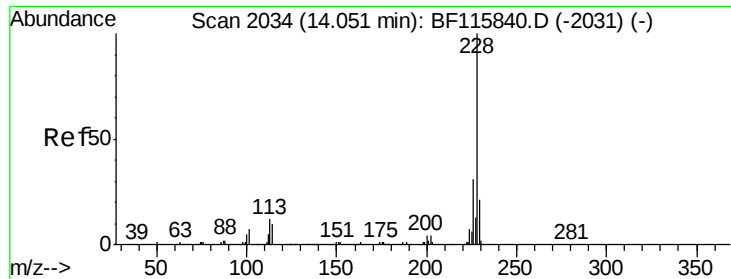
Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

229 21.1 16.2 24.4





#83

Chrvsene

Concen: 42.549 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

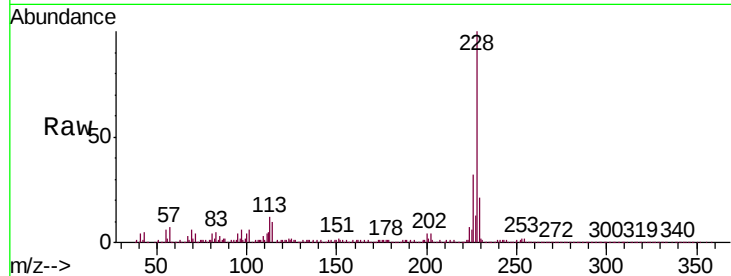
Tot Ion:228 Resp: 563265

Ion Ratio Lower Upper

228 100

226 32.0 25.5 38.3

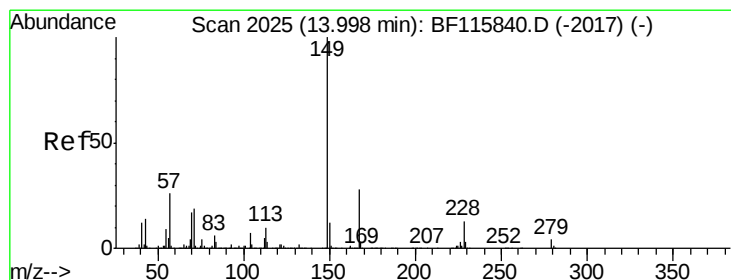
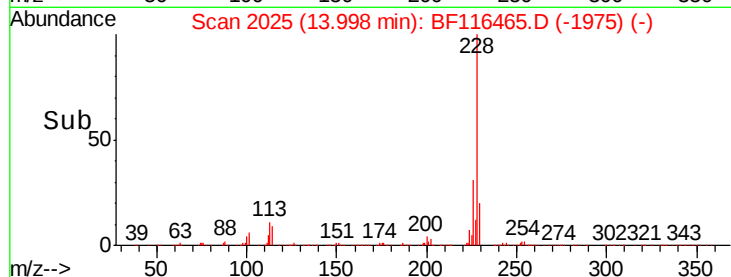
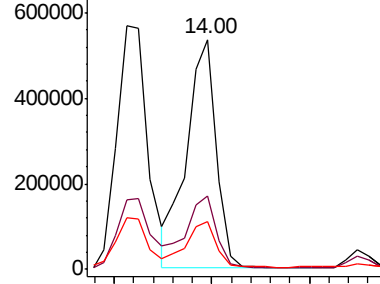
229 20.8 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.528 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF116465.D

Acq: 21 Aug 2019 15:02

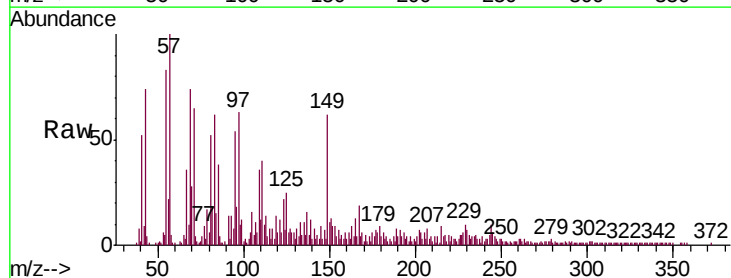
Tgt Ion:149 Resp: 22345

Ion Ratio Lower Upper

149 100

167 31.2 21.6 32.4

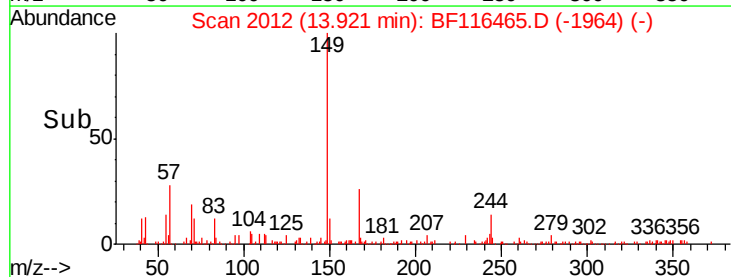
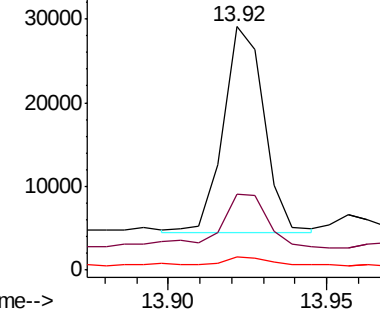
279 5.4 3.0 4.4#

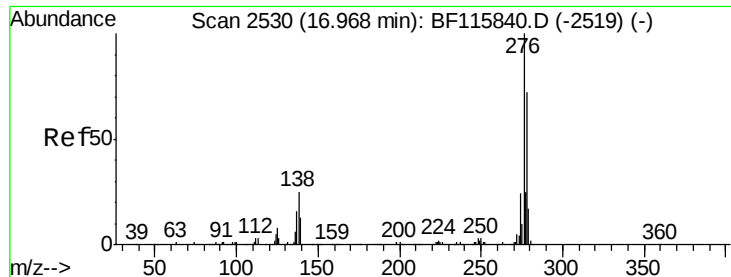


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

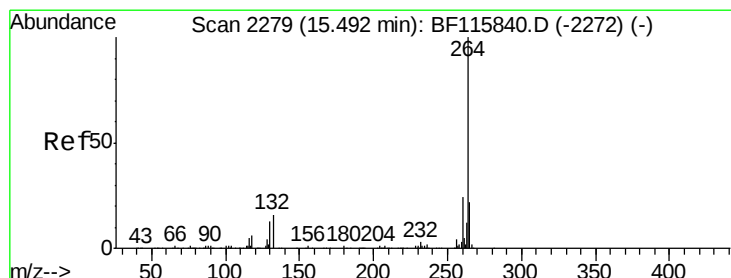
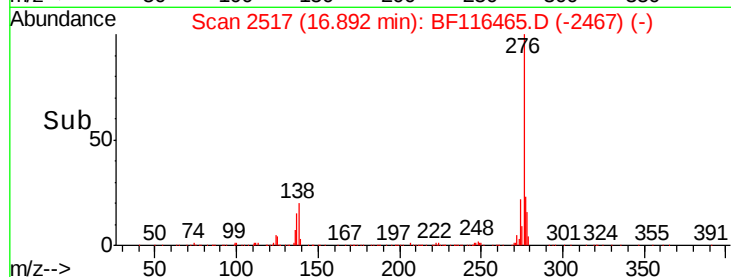
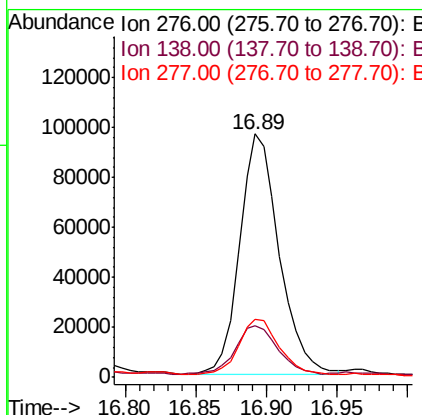
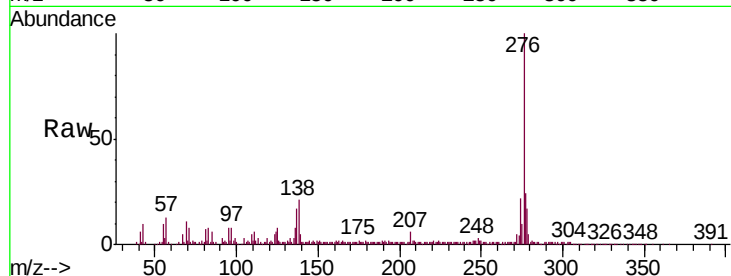




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 16.922 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

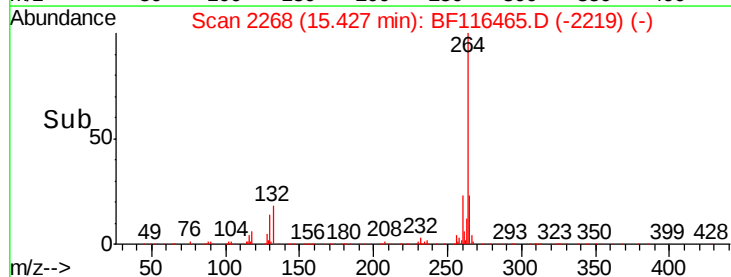
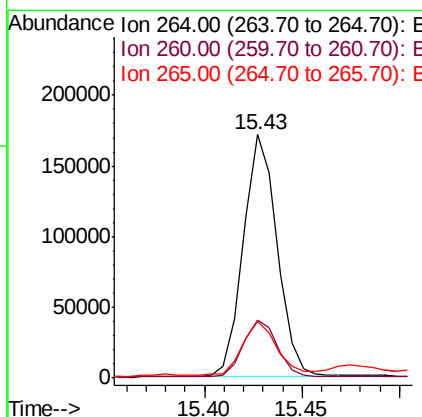
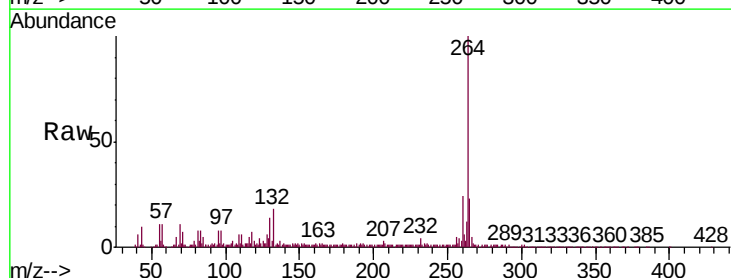
Instrument :
 BNA_F
 ClientSampleId :

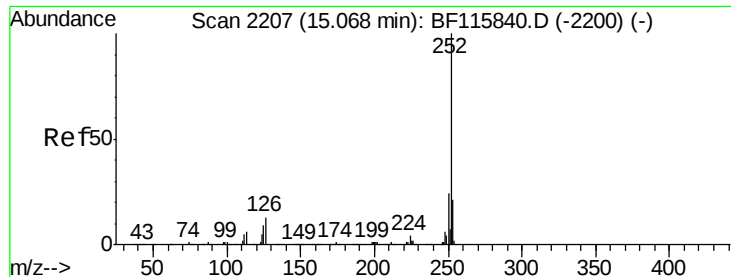
Tot Ion:	276	Resp:	188150
Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.4	30.6
277	23.0	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

Tgt Ion:	264	Resp:	206202
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	23.4	17.4	26.0

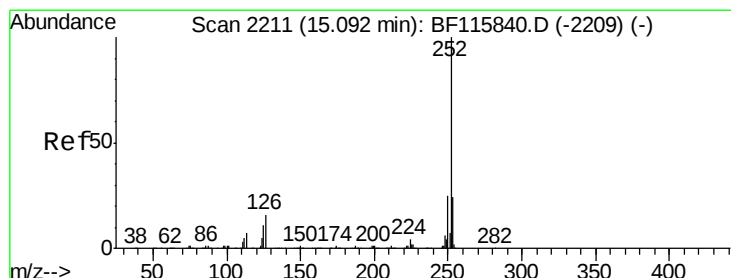
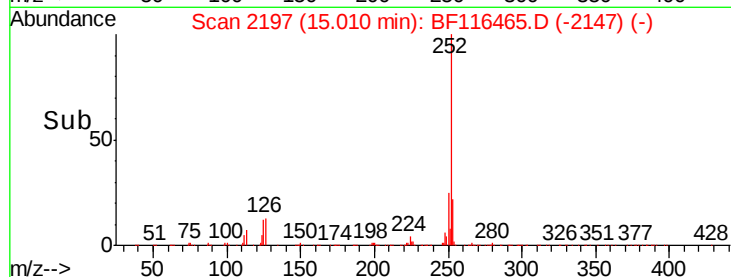
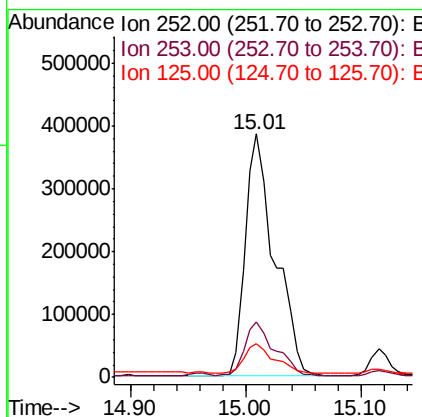
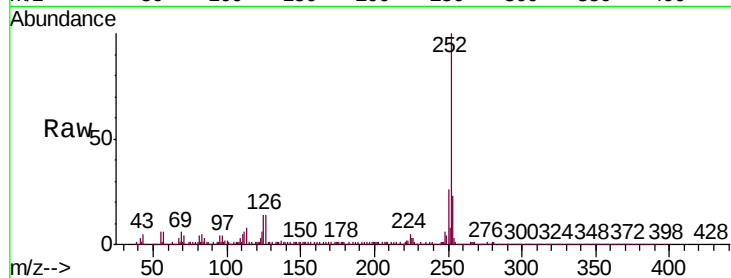




#88
Benzo(b)fluoranthene
Concen: 57.052 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

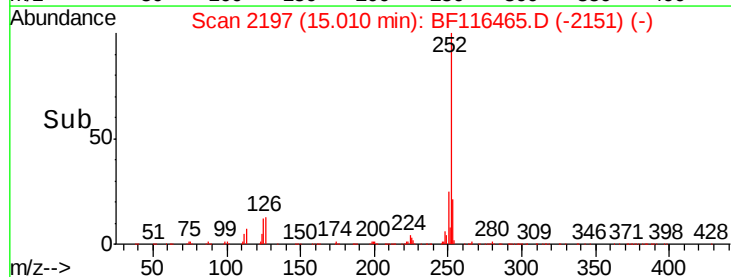
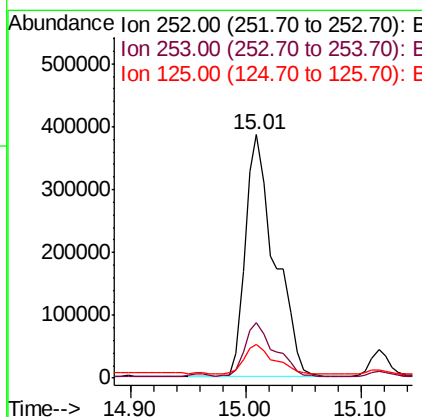
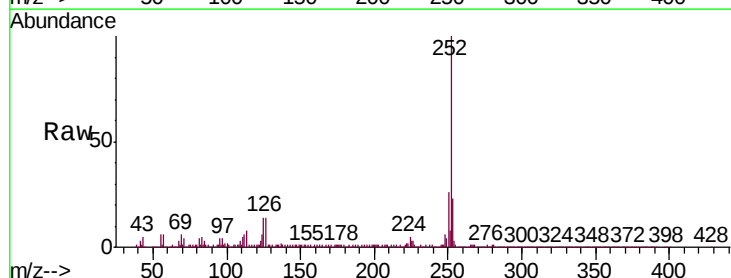
Instrument :
BNA_F
ClientSampleId :

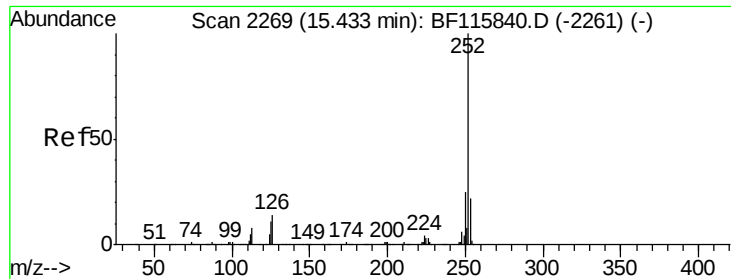
Tot Ion:252 Resp: 680227
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 13.9 8.4 12.6#



#89
Benzo(k)fluoranthene
Concen: 58.575 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF116465.D
Acq: 21 Aug 2019 15:02

Tgt Ion:252 Resp: 680227
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 13.9 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 28.759 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF116465.D

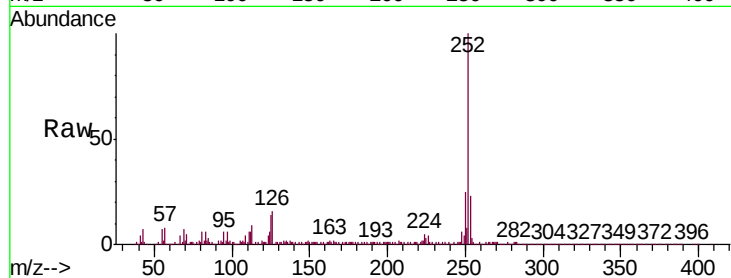
Acq: 21 Aug 2019 15:02

Instrument :

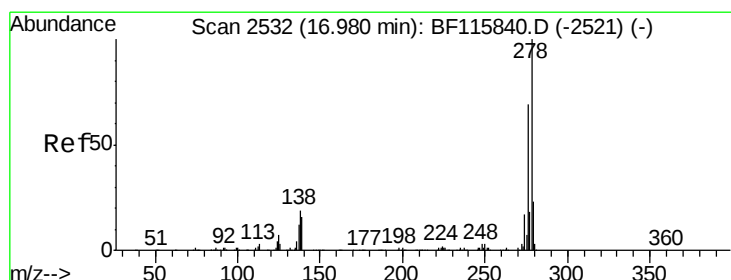
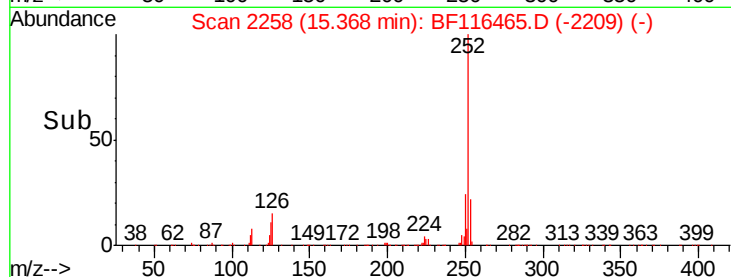
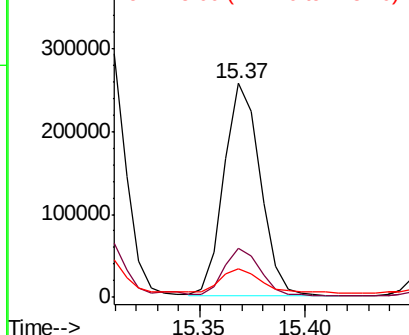
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	306517
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	13.6	8.9	13.3#



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



#91

Dibenzo(a,h)anthracene

Concen: 4.581 ng

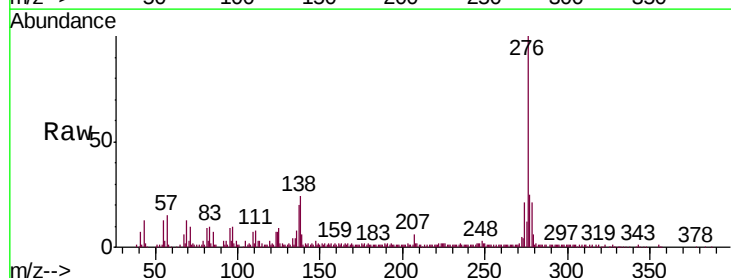
RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

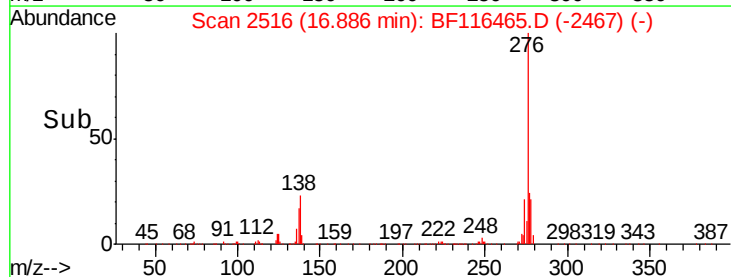
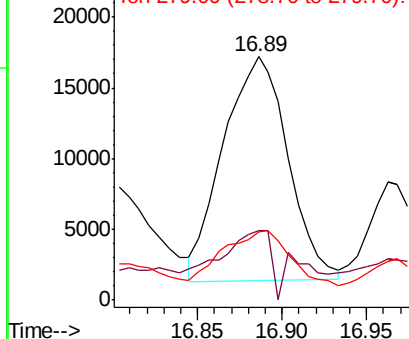
Lab File: BF116465.D

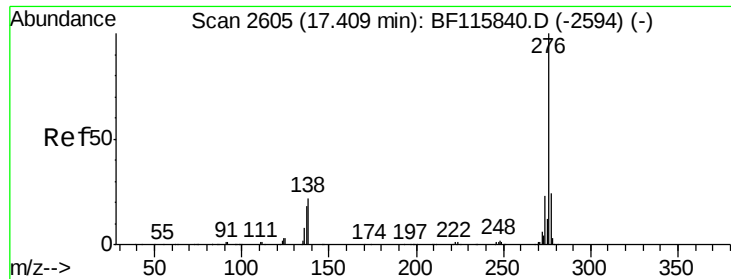
Acq: 21 Aug 2019 15:02

Tgt Ion:	278	Resp:	42266
Ion	Ratio	Lower	Upper
278	100		
139	28.4	12.8	19.2#
279	28.1	18.8	28.2



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





#92
 Benzo(a,h,i)perylene
 Concen: 26.669 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BF116465.D
 Acq: 21 Aug 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	22.7	17.0	25.6

