

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115267.D
 Acq On : 28 Jun 2019 8:38
 Operator : HP/JU
 Sample : PB120890BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Quant Time: Jun 29 04:09:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	255794	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	987815	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	486900	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	974033	20.00	ng	0.00
76) Chrysene-d12	13.72	240	800247	20.00	ng	0.00
87) Perylene-d12	15.08	264	870405	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1740290	104.99	ng	0.02
7) Phenol-d6	6.24	99	2184918	108.60	ng	0.00
23) Nitrobenzene-d5	7.16	82	1334006	83.07	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	640929	124.83	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2511764	87.63	ng	0.00
79) Terphenyl-d14	12.69	244	2828788	75.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.00	79	121	0.005	ng	# 26
4) n-Nitrosodimethylamine	3.07	42	110	0.013	ng	# 1
6) Aniline	6.37	93	2638	0.095	ng	# 1
8) 2-Chlorophenol	6.38	128	501	0.027	ng	# 1
9) Benzaldehyde	6.24	77	3270	0.249	ng	# 1
10) Phenol	6.24	94	154	0.007	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	2638	0.152	ng	# 1
15) Benzyl Alcohol	6.75	79	21986	1.501	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	7.16	45	260	0.010	ng	# 1
22) Acetophenone	6.76	105	274	0.012	ng	# 1
24) Nitrobenzene	7.16	77	3875	0.219	ng	# 32
28) bis(2-Chloroethoxy)methane	7.88	93	107	0.005	ng	# 1
46) 1,1'-Biphenyl	9.05	154	5095	0.131	ng	# 93
48) 2-Nitroaniline	8.96	65	3672	0.399	ng	# 1
49) Acenaphthylene	9.68	152	243	0.005	ng	# 59
52) Acenaphthene	9.62	154	1946	0.063	ng	# 5
63) Azobenzene	10.41	77	2827	0.084	ng	# 1
66) n-Nitrosodiphenylamine	10.41	169	18324	0.604	ng	# 41
71) Phenanthrene	11.12	178	516	0.010	ng	# 58
72) Anthracene	11.12	178	516	0.010	ng	# 59
73) Carbazole	11.32	167	108	0.002	ng	# 58
74) Di-n-butylphthalate	11.68	149	781	0.014	ng	# 77
75) Fluoranthene	12.30	202	435	0.008	ng	# 61
77) Benzidine	12.68	184	35942	1.011	ng	# 91
78) Pyrene	12.52	202	489	0.008	ng	# 56
80) Butylbenzylphthalate	13.41	149	224	0.008	ng	# 24
81) Benzo(a)anthracene	13.72	228	3042	0.053	ng	# 69
83) Chrysene	13.72	228	3042	0.058	ng	# 67
84) Bis(2-ethylhexyl)phthalate	13.72	149	860	0.024	ng	# 54
85) Di-n-octyl phthalate	14.34	149	277	0.005	ng	# 65
86) Indeno(1,2,3-cd)pyrene	16.34	276	122	0.002	ng	# 1
88) Benzo(b)fluoranthene	14.71	252	1133	0.021	ng	# 1
89) Benzo(k)fluoranthene	14.75	252	143	0.003	ng	# 1
90) Benzo(a)pyrene	15.02	252	235	0.005	ng	# 1

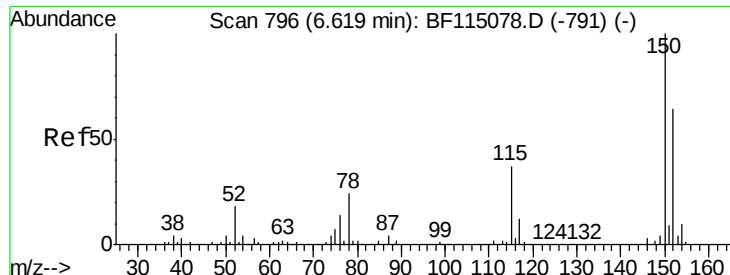
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115267.D
Acq On : 28 Jun 2019 8:38
Operator : HP/JU
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QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	16.37	278	107	0.002	ng	# 1
92) Benzo(g,h,i)perylene	16.74	276	266	0.006	ng	# 25

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

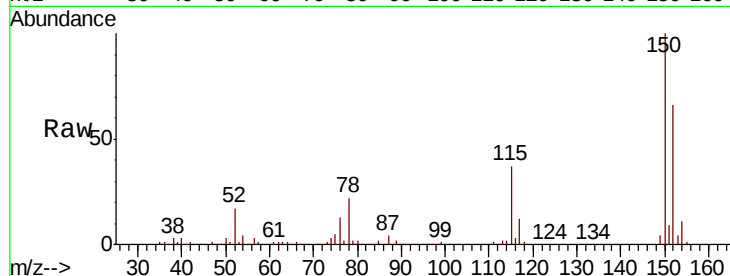


#1

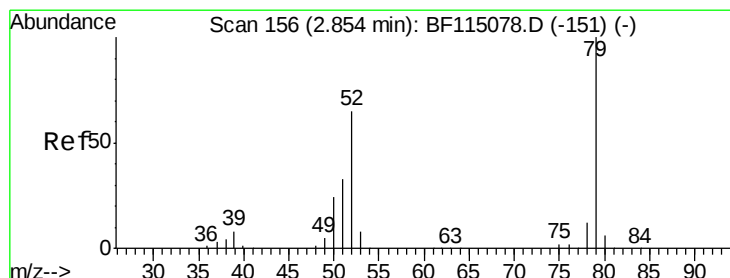
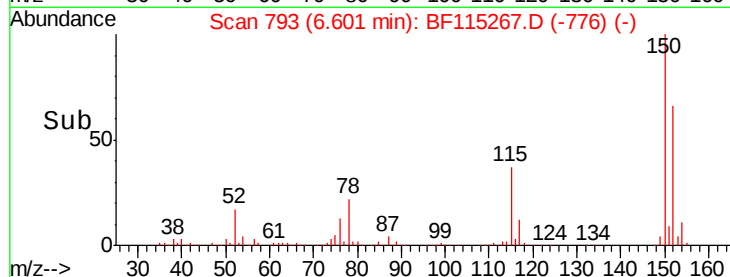
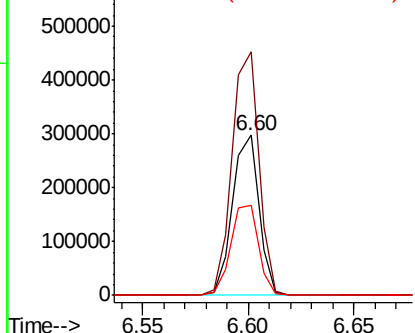
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tot Ion:152 Resp: 255794
Ion Ratio Lower Upper
152 100
150 152.3 124.2 186.2
115 56.3 46.1 69.1



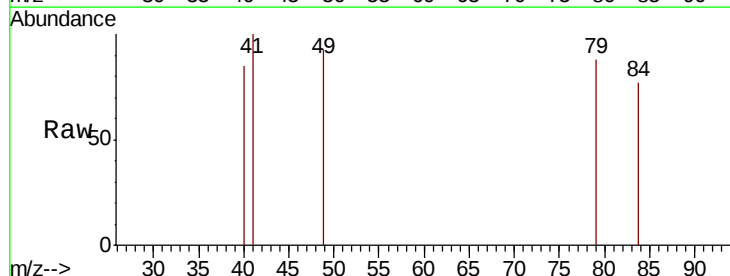
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



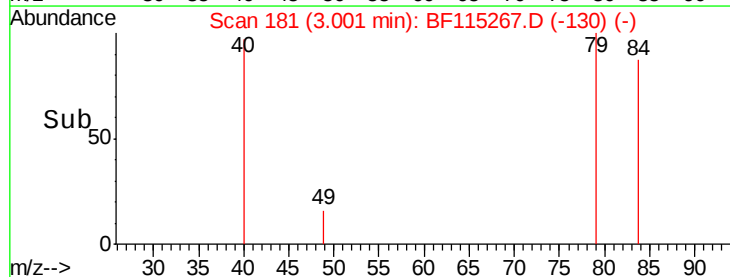
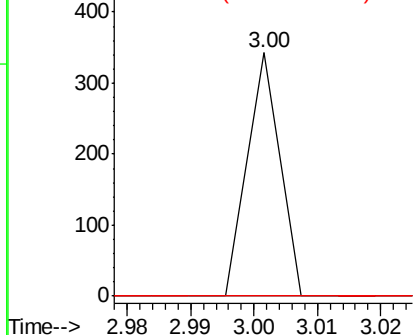
#3

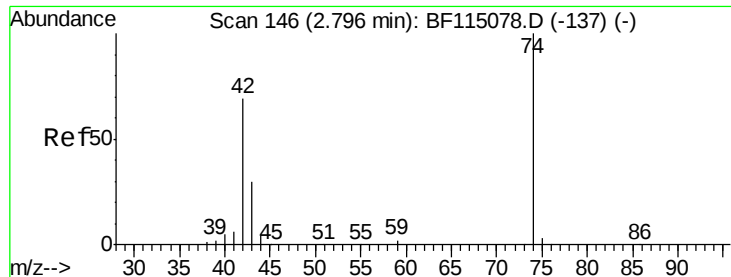
Pyridine
Concen: 0.005 ng
RT: 3.00 min Scan# 181
Delta R.T. 0.20 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion: 79 Resp: 121
Ion Ratio Lower Upper
79 100
52 0.0 52.3 78.5#
51 0.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



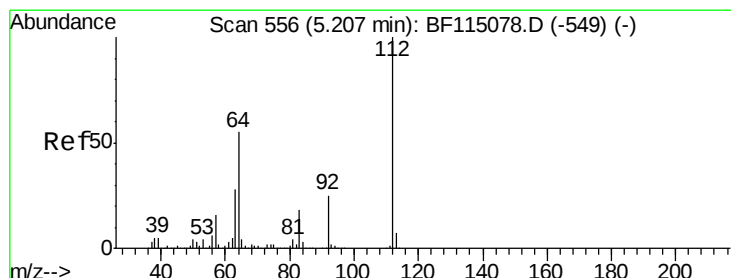
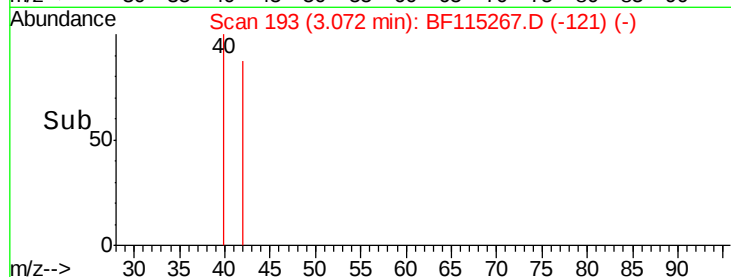
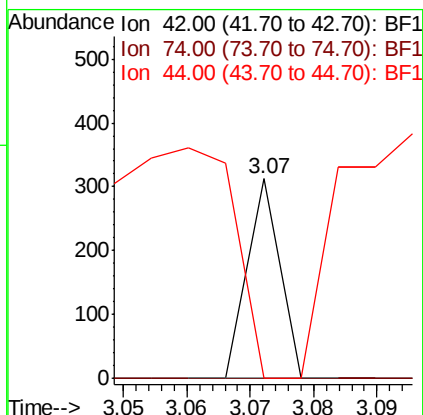
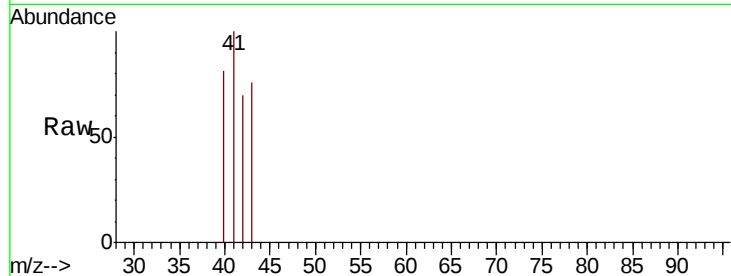


#4

n-Nitrosodimethylamine
 Concen: 0.013 ng
 RT: 3.07 min Scan# 193
 Delta R.T. 0.32 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

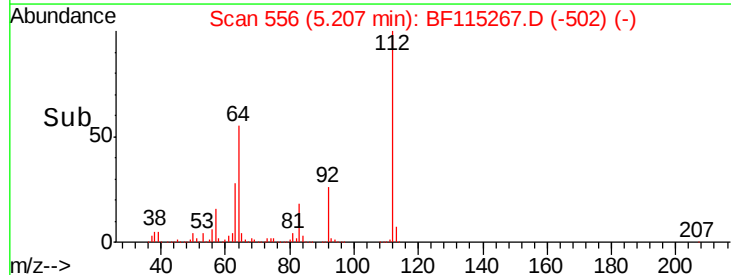
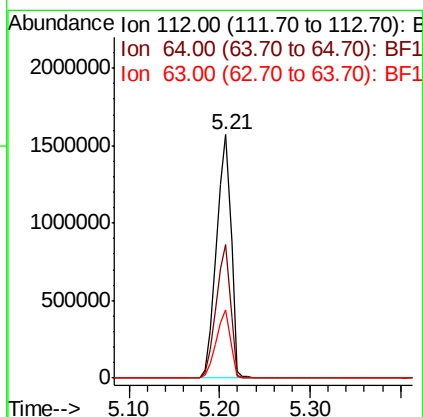
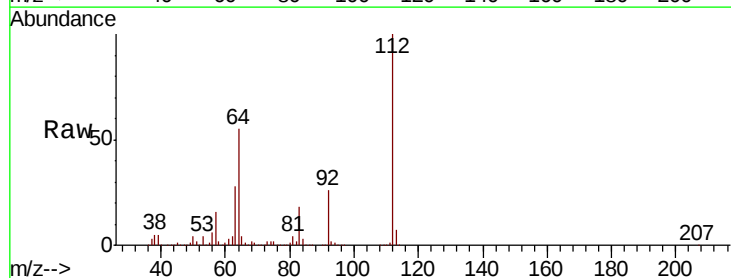
Tot Ion: 42 Resp: 110
 Ion Ratio Lower Upper
 42 100
 74 0.0 116.6 175.0#
 44 0.0 5.3 7.9#

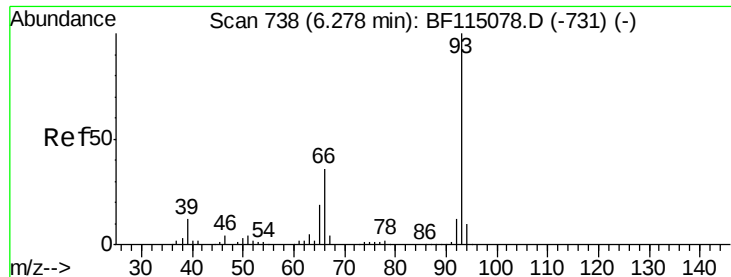


#5

2-Fluorophenol
 Concen: 104.989 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion:112 Resp: 1740290
 Ion Ratio Lower Upper
 112 100
 64 54.6 43.8 65.6
 63 28.0 22.2 33.4





#6

Aniline

Concen: 0.095 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.11 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

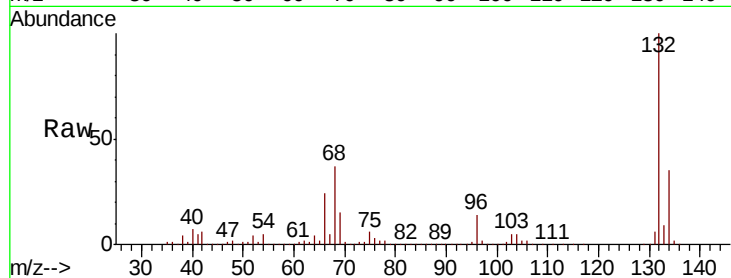
Tot Ion: 93 Resp: 2638

Ion Ratio Lower Upper

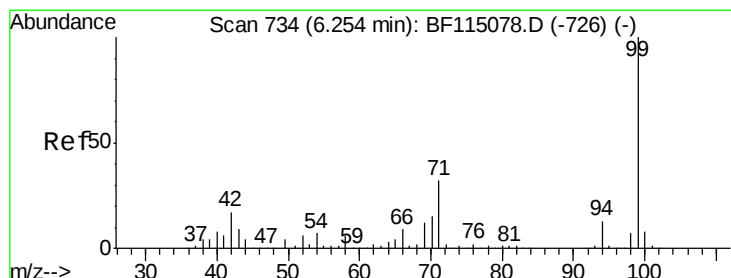
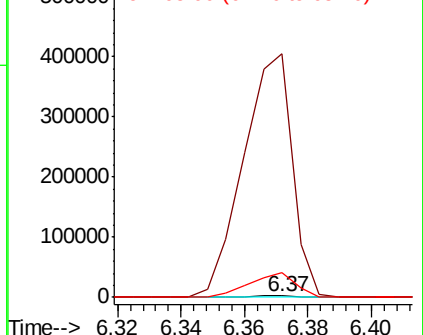
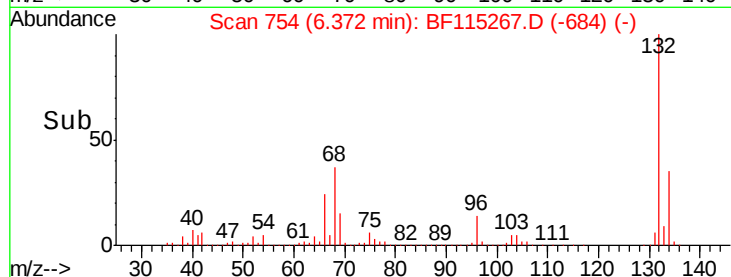
93 100

66 14627.2 30.0 45.0#

65 1481.5 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 108.599 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

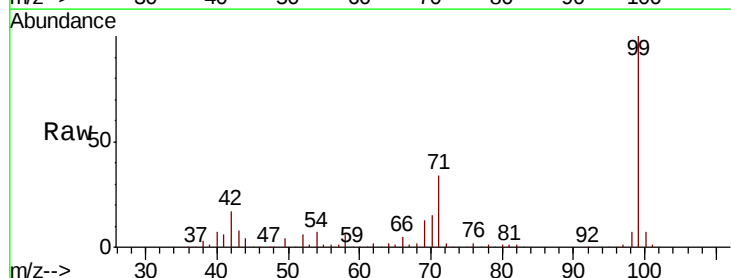
Tgt Ion: 99 Resp: 2184918

Ion Ratio Lower Upper

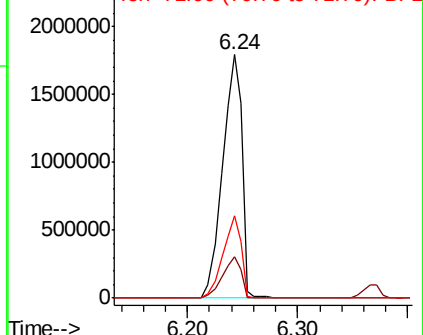
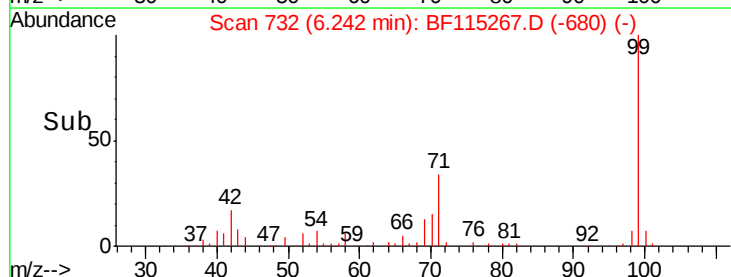
99 100

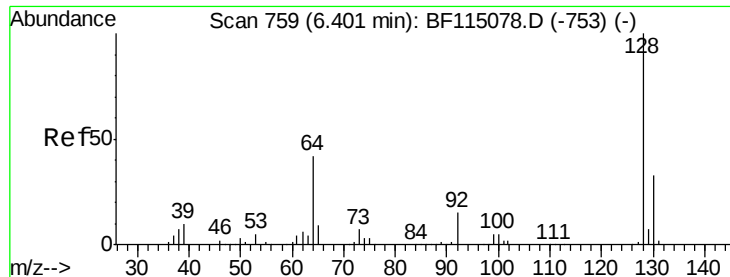
42 17.1 13.6 20.4

71 33.9 25.5 38.3



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





#8

2-Chlorophenol

Concen: 0.027 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

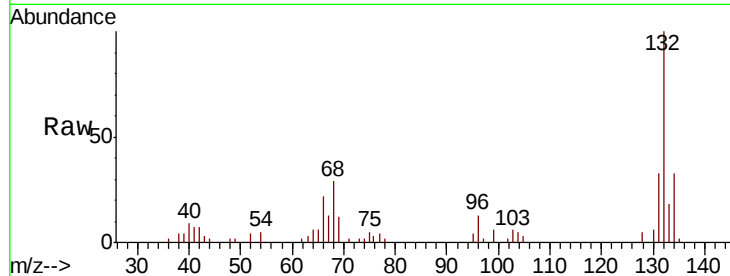
Tot Ion:128 Resp: 501

Ion Ratio Lower Upper

128 100

130 112.8 12.9 52.9#

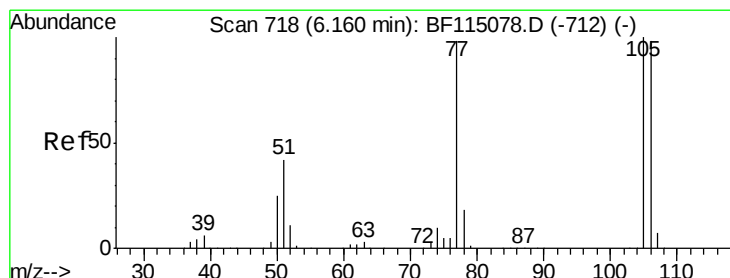
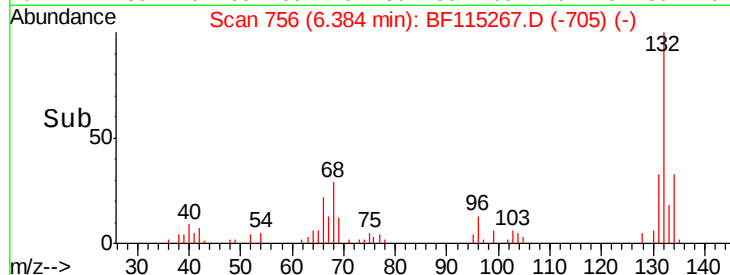
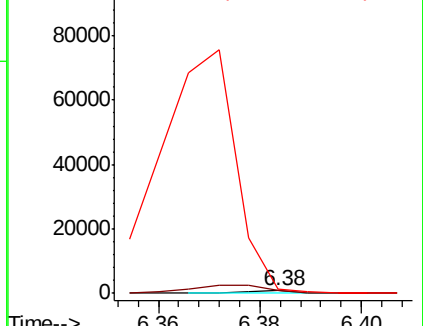
64 126.7 22.9 62.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.249 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.10 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

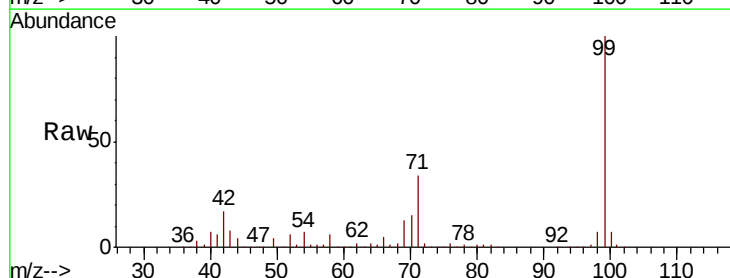
Tgt Ion: 77 Resp: 3270

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

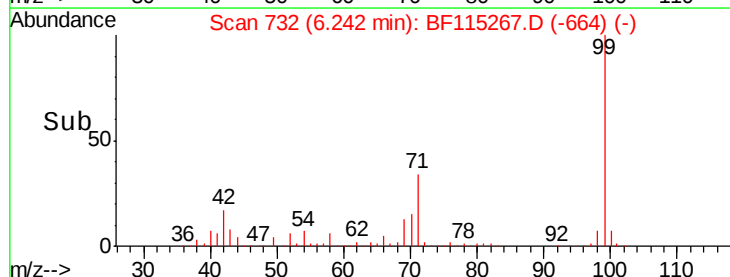
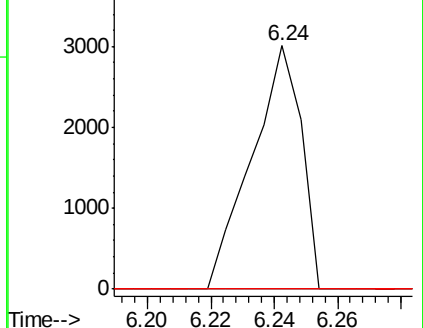
106 0.0 79.7 119.7#

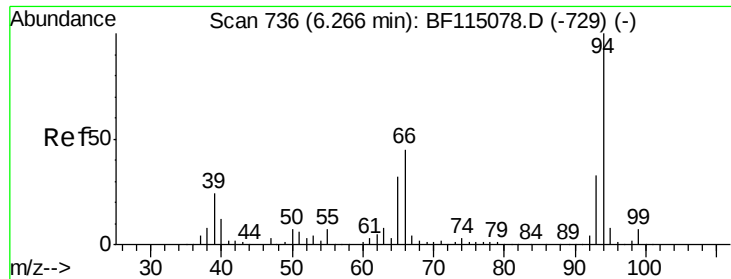


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.007 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampled :

PB120890BL

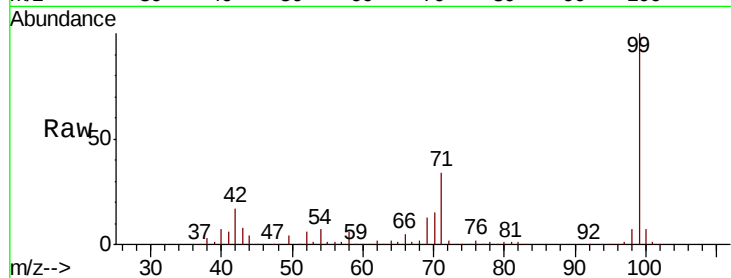
Tot Ion: 94 Resp: 154

Ion Ratio Lower Upper

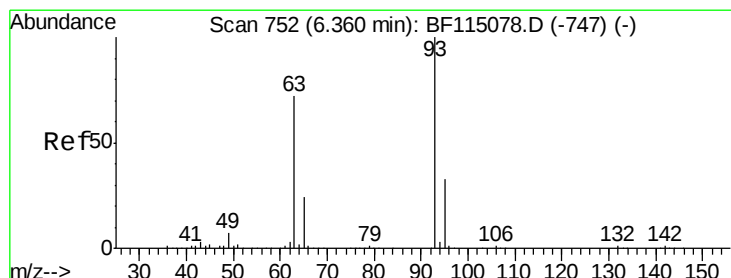
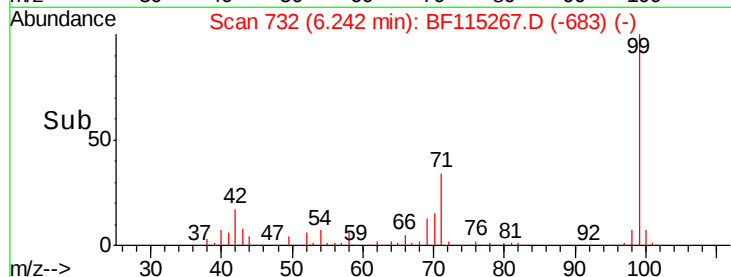
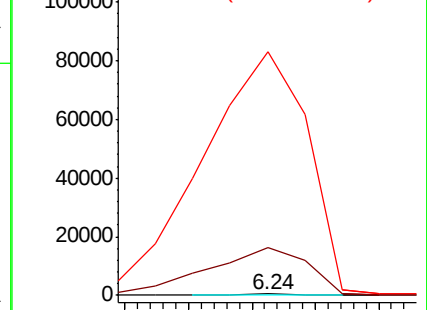
94 100

65 3769.3 11.9 51.9#

66 19004.1 25.2 65.2#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.152 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.03 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

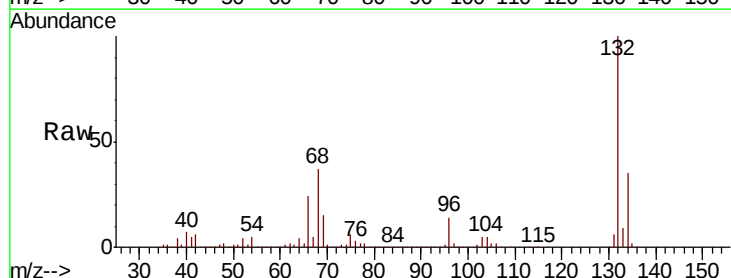
Tgt Ion: 93 Resp: 2638

Ion Ratio Lower Upper

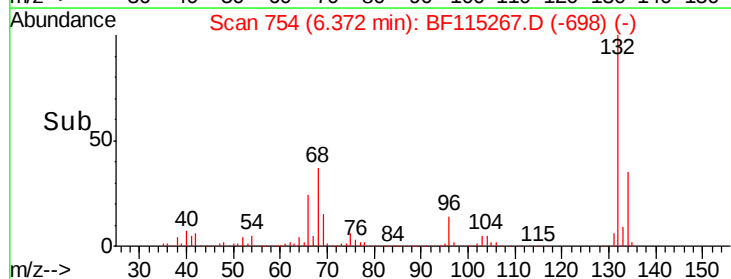
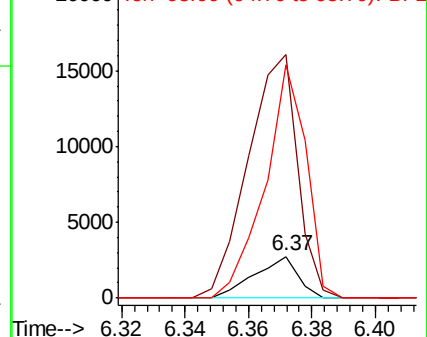
93 100

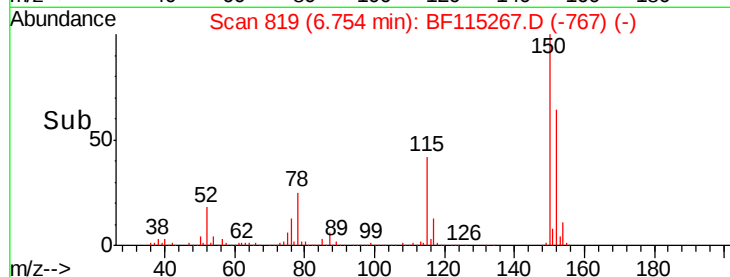
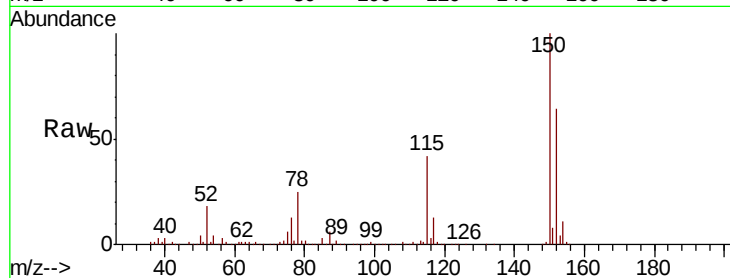
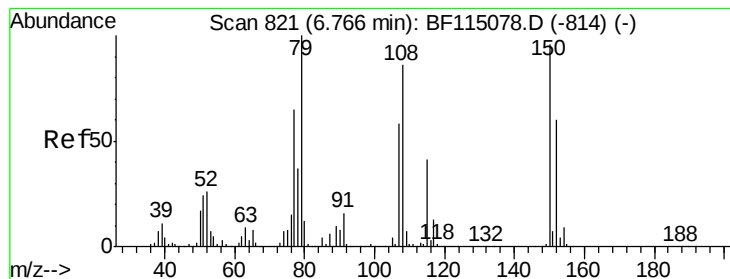
63 580.6 51.5 91.5#

95 556.8 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.501 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

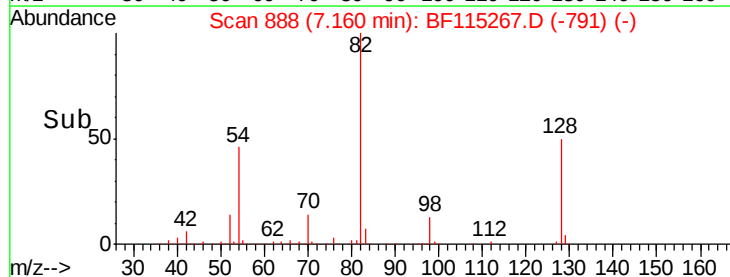
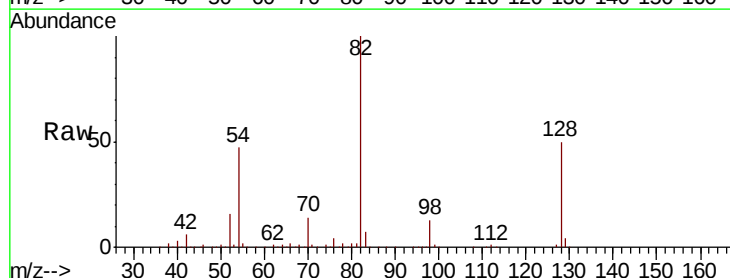
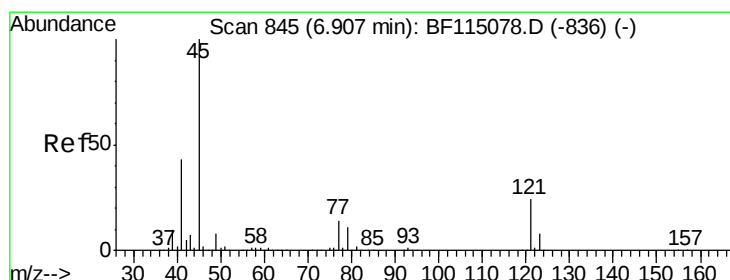
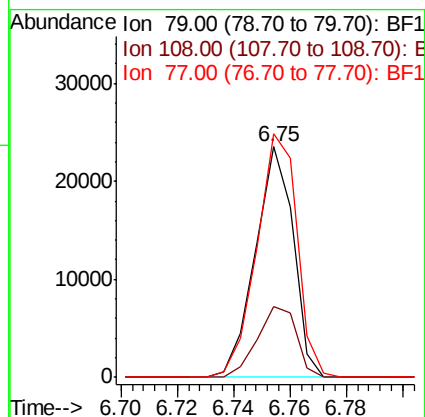
Tot Ion: 79 Resp: 21986

Ion Ratio Lower Upper

79 100

108 30.7 68.7 103.1#

77 105.5 51.7 77.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.010 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.27 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

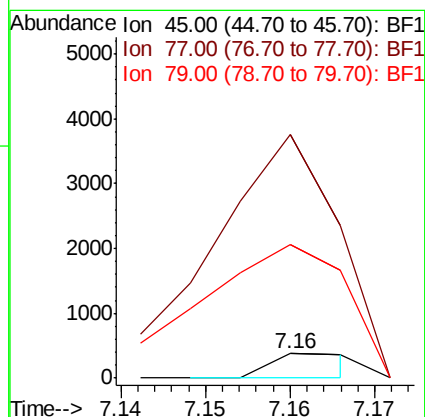
Tgt Ion: 45 Resp: 260

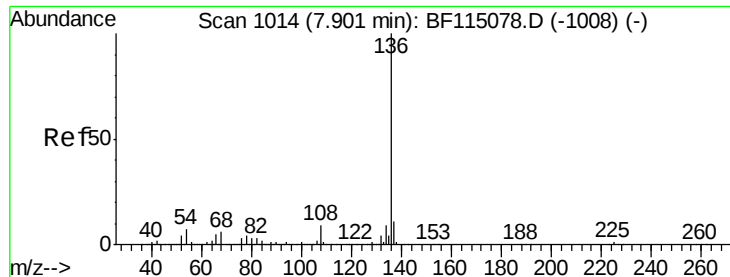
Ion Ratio Lower Upper

45 100

77 996.6 0.0 34.6#

79 545.1 0.0 31.2#

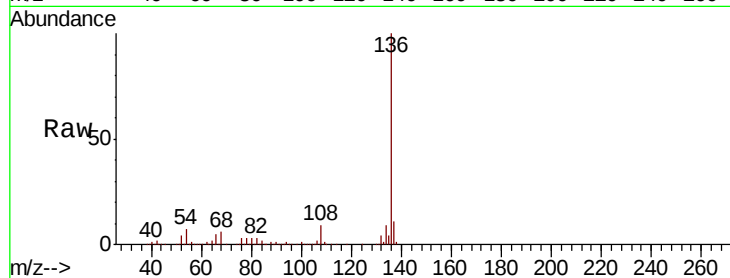




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tot Ion:136	Resp:	987815
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.0	5.6	8.4
68 6.1	4.8	7.2



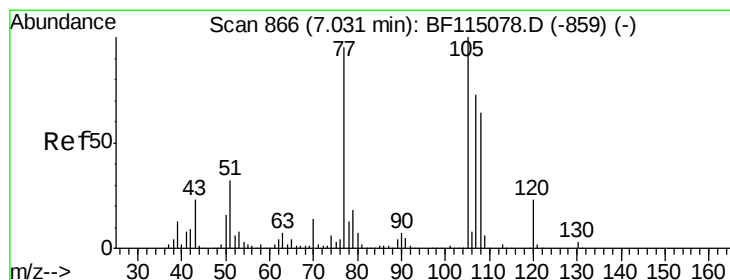
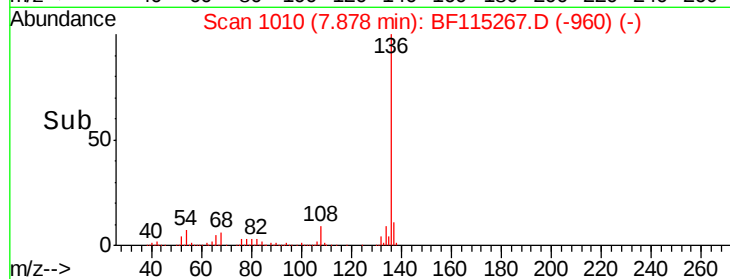
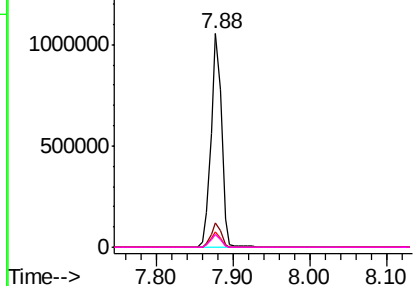
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

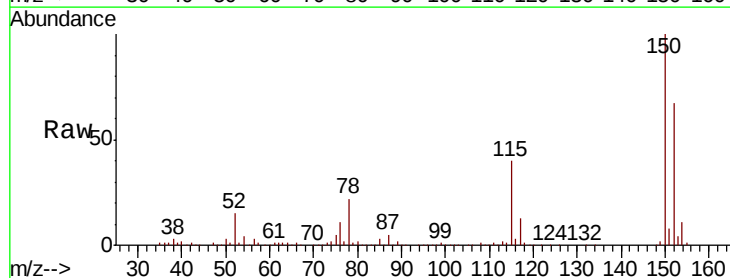
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.012 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.25 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt	Ion:105	Resp:	274
Ion	Ratio	Lower	Upper
105	100		
71	492.2	1.9	2.9#
51	1792.2	25.8	38.8#
120	338.0	18.5	27.7#



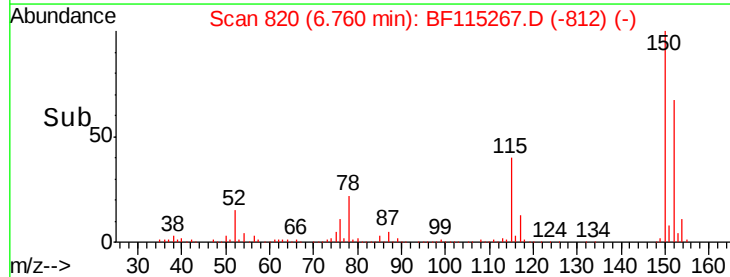
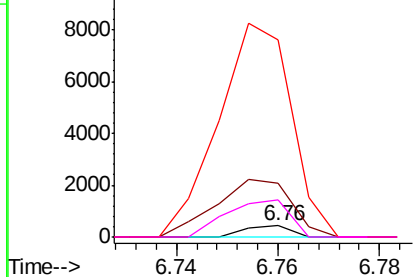
Abundance

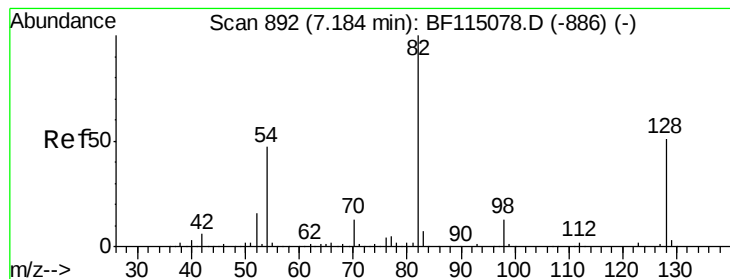
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.074 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

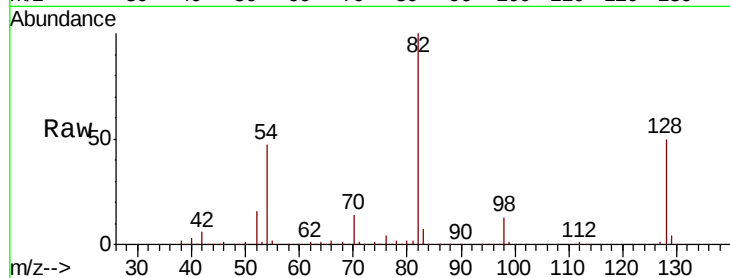
Tot Ion: 82 Resp: 1334006

Ion Ratio Lower Upper

82 100

128 50.3 40.4 60.6

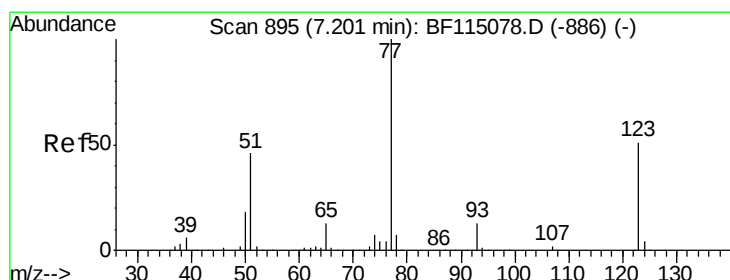
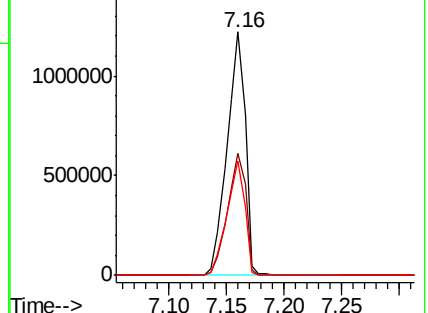
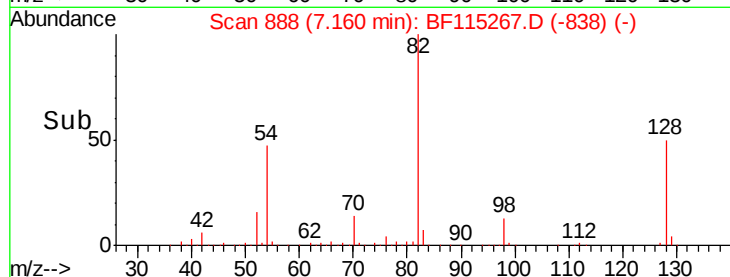
54 46.9 37.5 56.3



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



#24

Nitrobenzene

Concen: 0.219 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

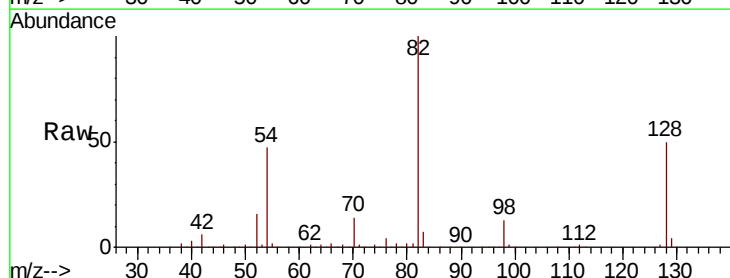
Tgt Ion: 77 Resp: 3875

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

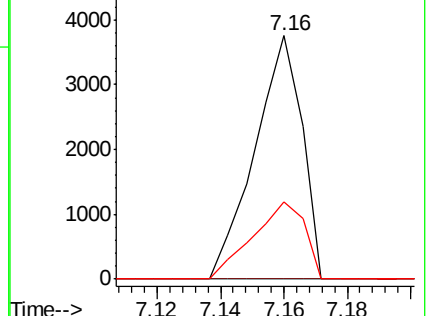
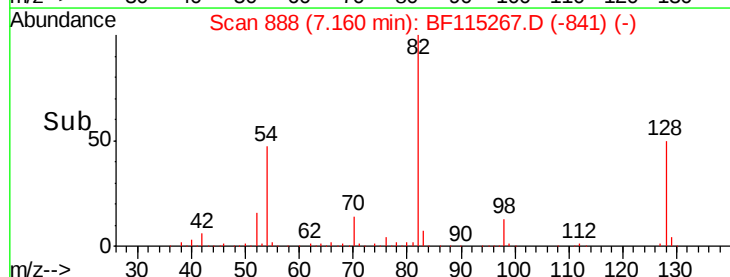
65 31.9 10.5 15.7#

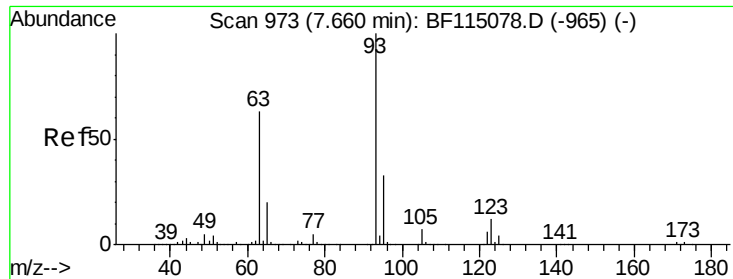


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

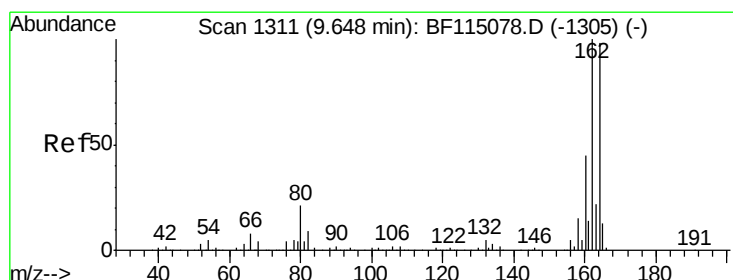
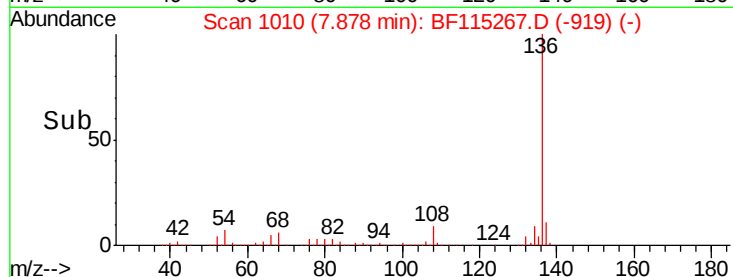
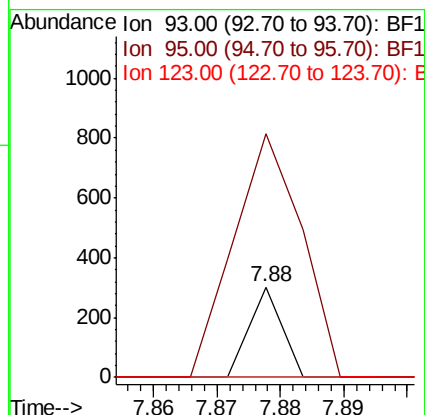
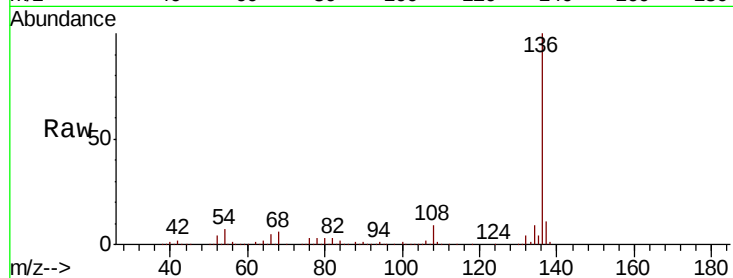




#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.24 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

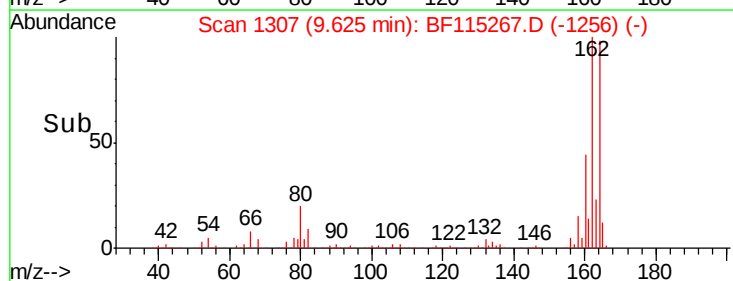
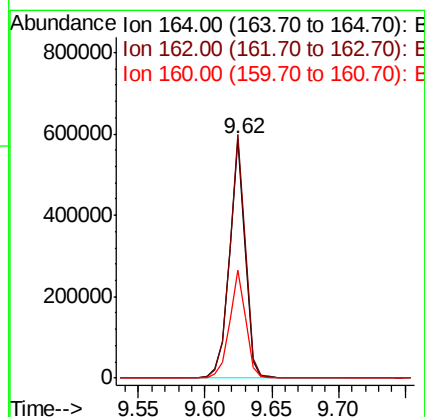
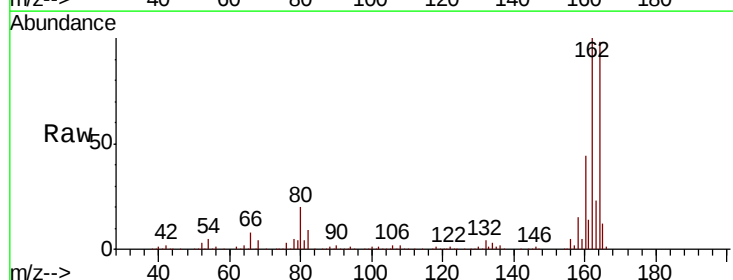
Instrument :
BNA_F
ClientSampled :
PB120890BL

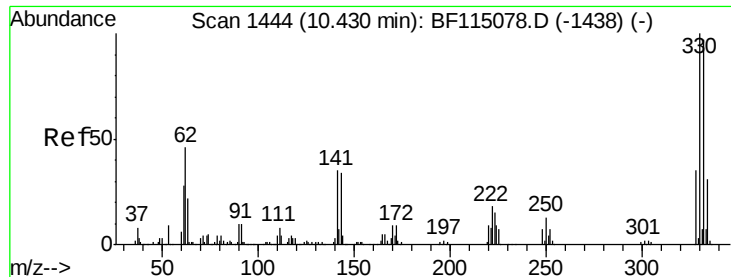
Tot Ion: 93 Resp: 107
Ion Ratio Lower Upper
93 100
95 269.5 26.2 39.4#
123 0.0 9.7 14.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion:164 Resp: 486900
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 45.0 37.0 55.4

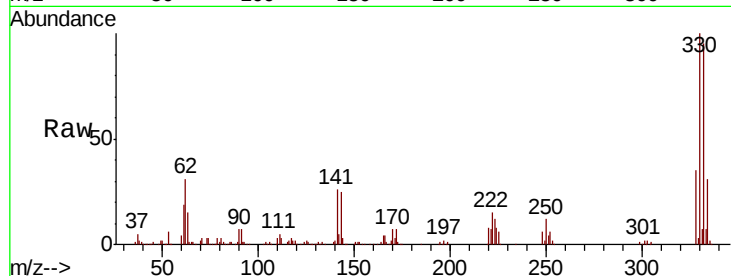




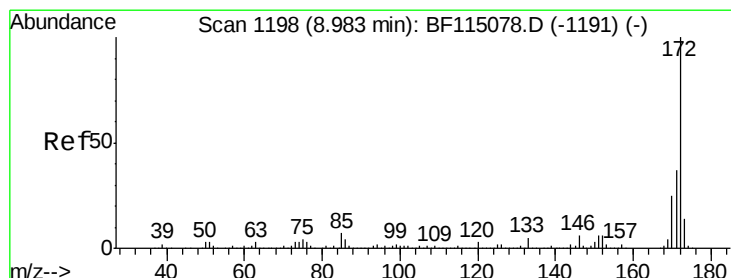
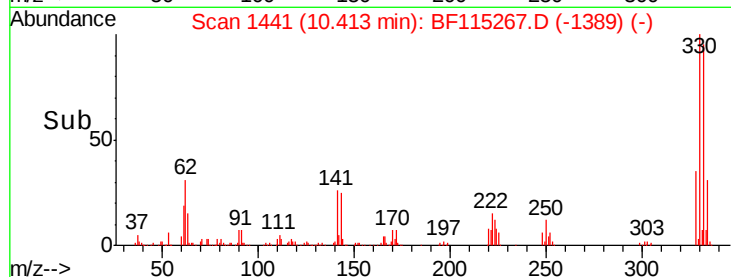
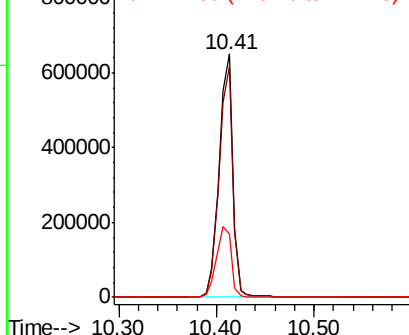
#42
 2,4,6-Tribromophenol
 Concen: 124.827 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Tot Ion:330 Resp: 640929
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.7 28.2 42.2

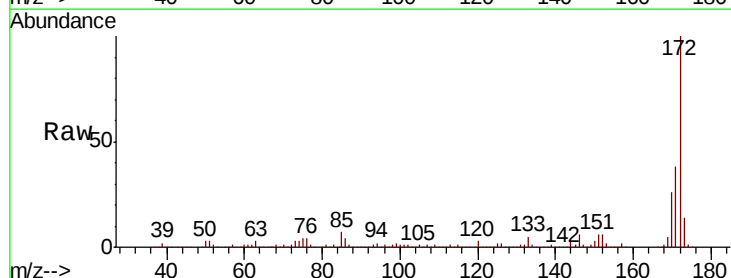


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

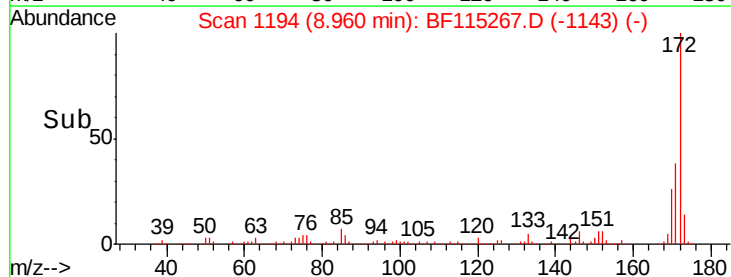
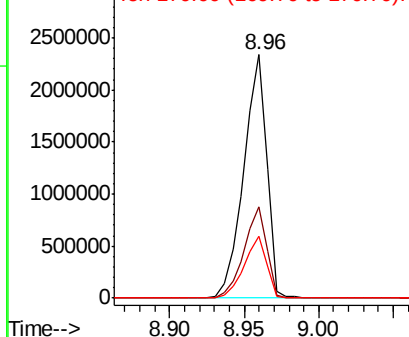


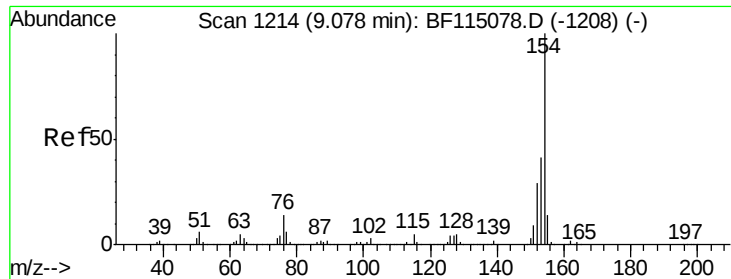
#45
 2-Fluorobiphenyl
 Concen: 87.627 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion:172 Resp: 2511764
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.6 20.3 30.5



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

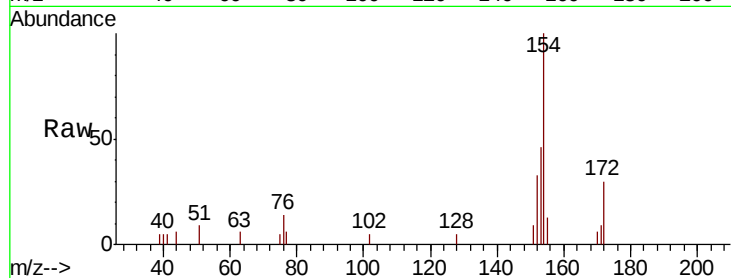




#46
 1,1'-Biphenyl
 Concen: 0.131 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Tot Ion	Ratio	Lower	Upper
154	100		
153	46.4	20.9	60.9
76	14.0	0.0	34.1

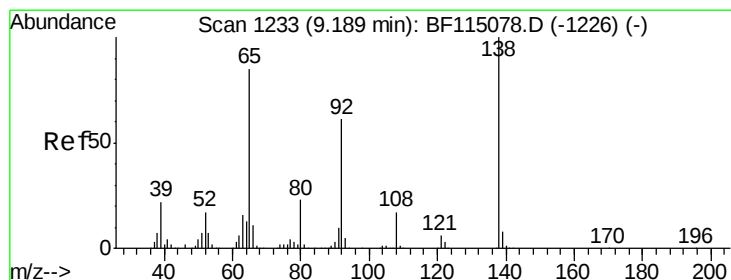
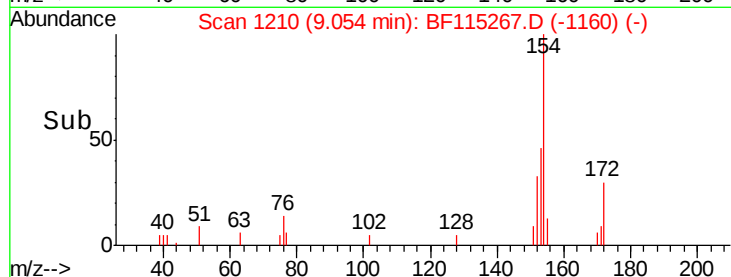
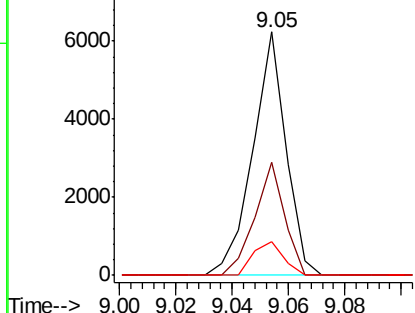


Abundance

Ion 154.00 (153.70 to 154.70): E

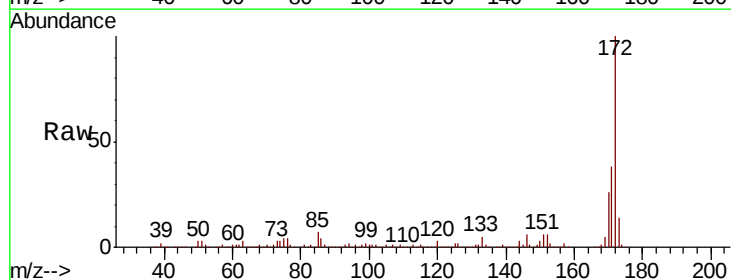
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#48
 2-Nitroaniline
 Concen: 0.399 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.21 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	238.0	57.4	86.2#
138	42.5	94.1	141.1#

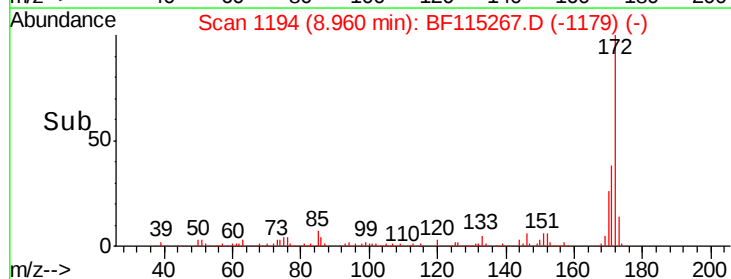
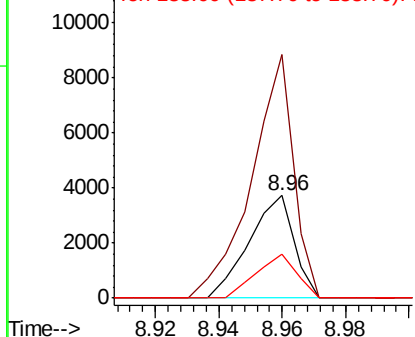


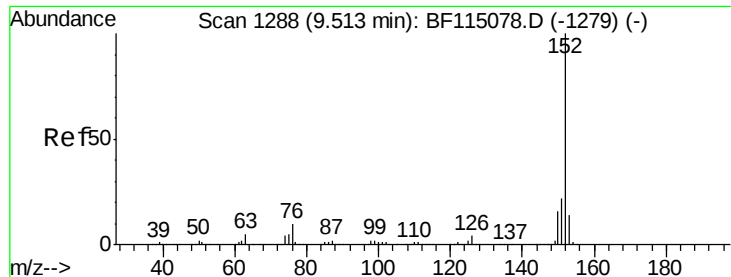
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.005 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

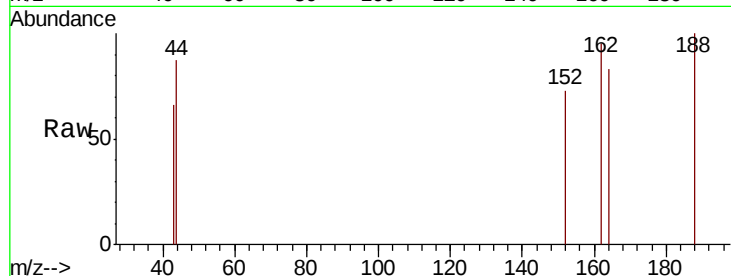
Tot Ion:152 Resp: 243

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

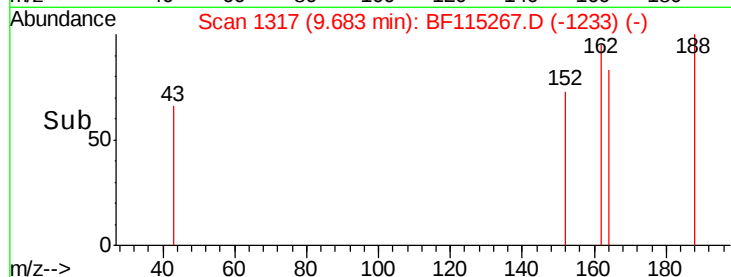
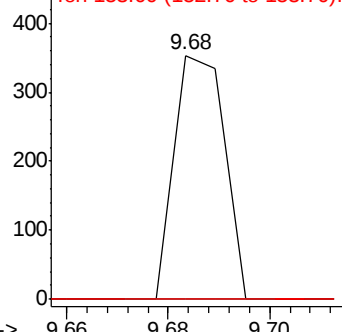
153 0.0 11.0 16.6#



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



#52

Acenaphthene

Concen: 0.063 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.04 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

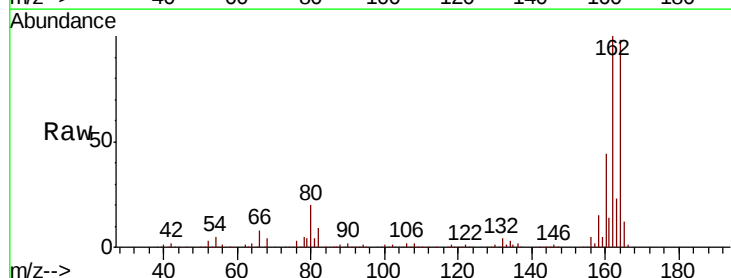
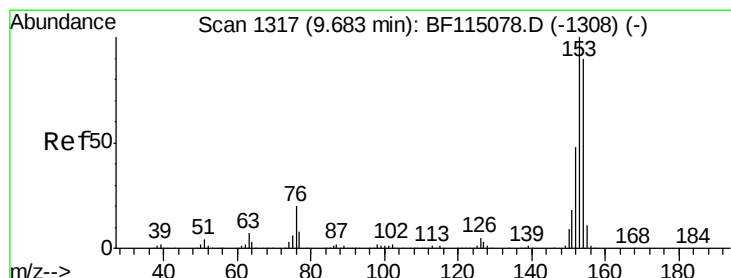
Tgt Ion:154 Resp: 1946

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

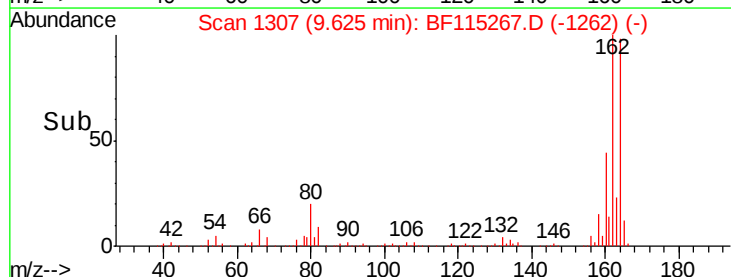
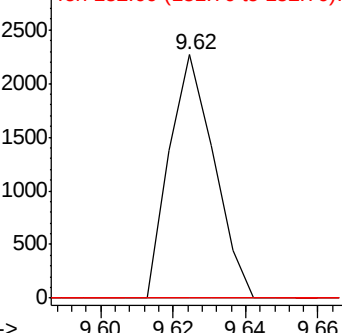
152 0.0 42.6 64.0#

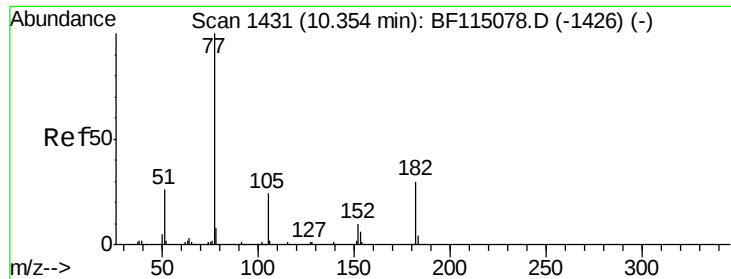


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#63

Azobenzene

Concen: 0.084 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.08 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

Tot Ion: 77 Resp: 2827

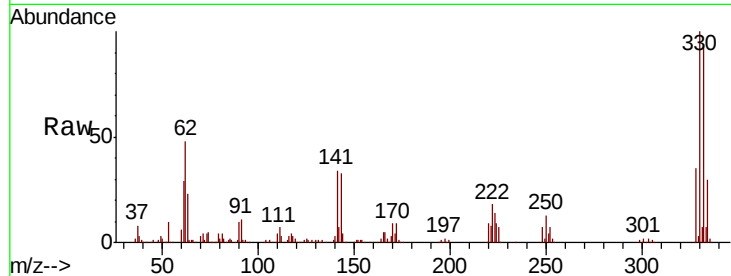
Ion Ratio Lower Upper

77 100

182 0.0 10.1 50.1#

105 99.2 4.5 44.5#

51 95.0 6.4 46.4#

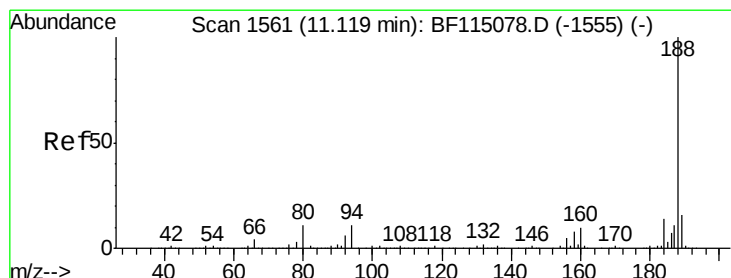
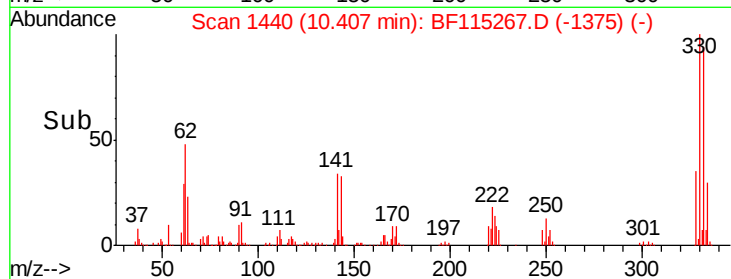
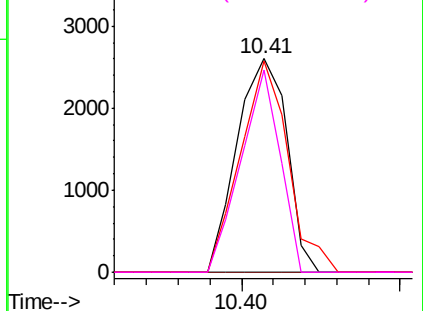


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

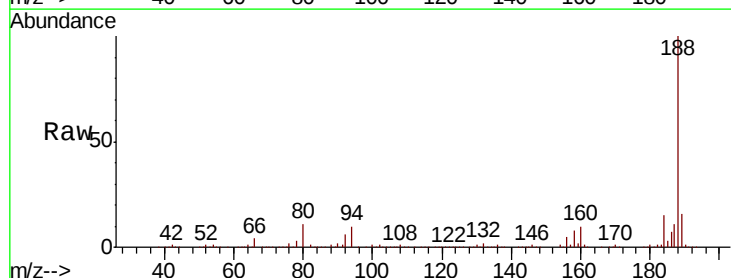
Tgt Ion: 188 Resp: 974033

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

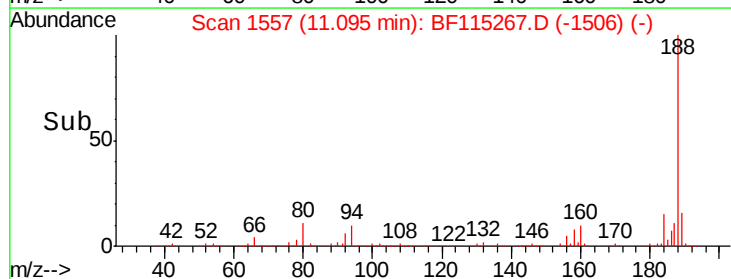
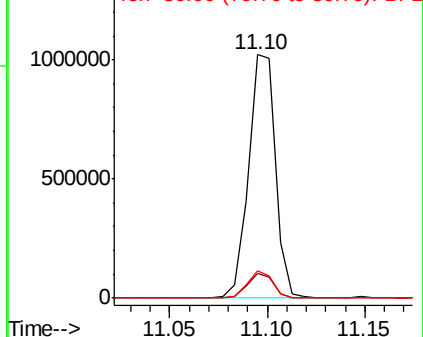
80 11.1 8.8 13.2

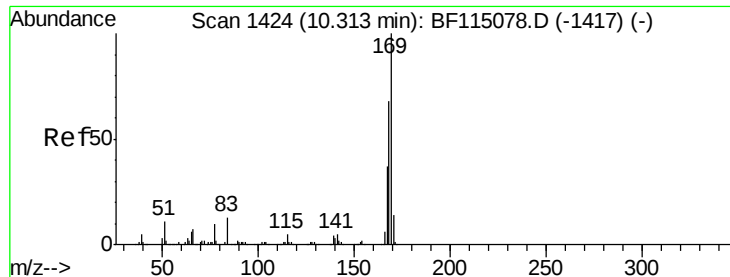


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

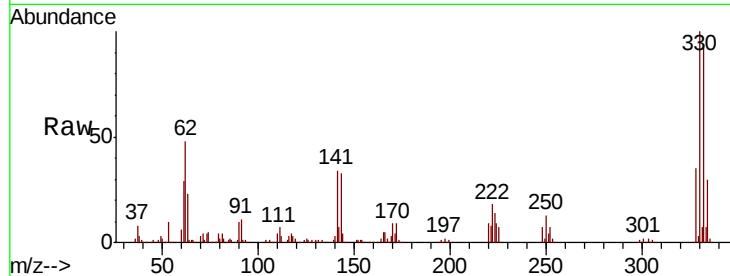




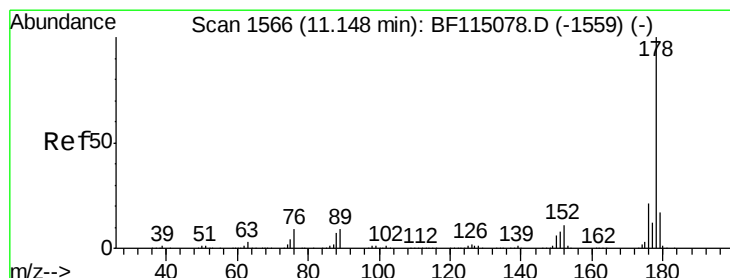
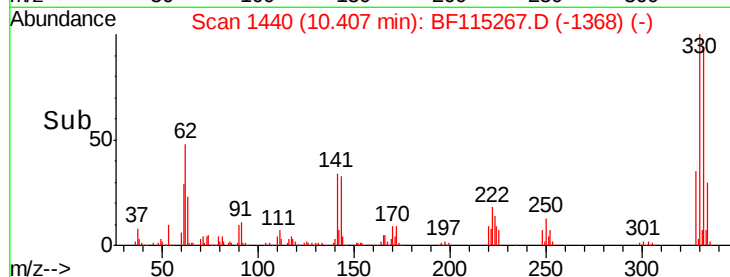
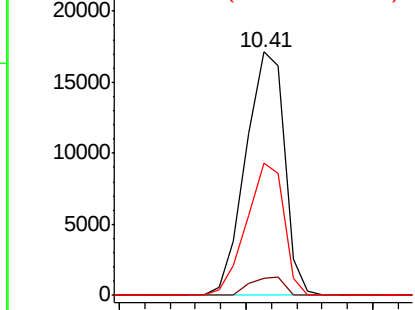
#66
 n-Nitrosodiphenylamine
 Concen: 0.604 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.12 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Tot Ion	Ratio	Lower	Upper
169	100		
168	7.1	54.2	81.4#
167	54.3	29.4	44.0#

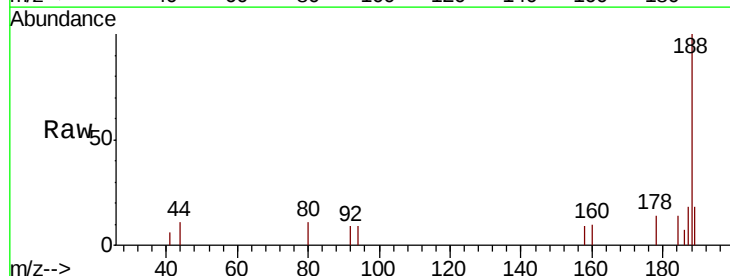


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

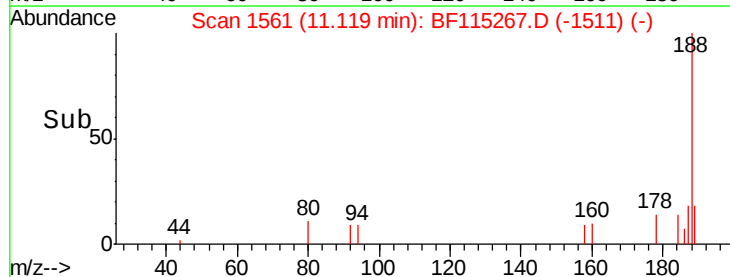
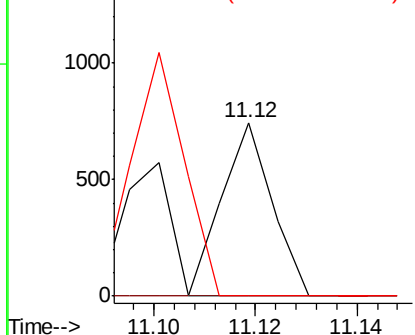


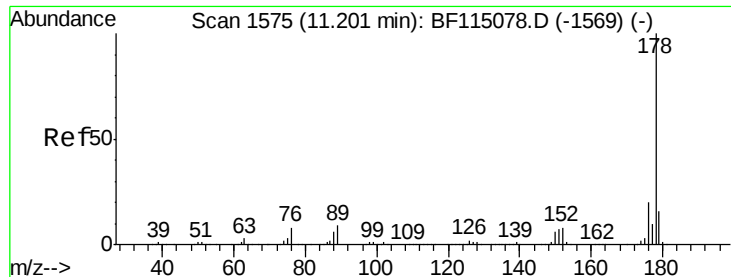
#71
 Phenanthrene
 Concen: 0.010 ng
 RT: 11.12 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.9	25.3#
179	0.0	13.2	19.8#



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: 0.010 ng

RT: 11.12 min Scan# 1561

Delta R.T. -0.05 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

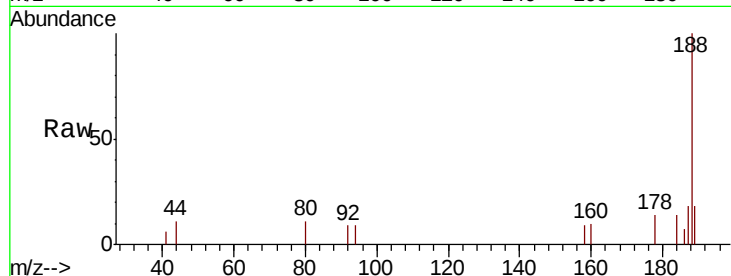
Tot Ion:178 Resp: 516

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

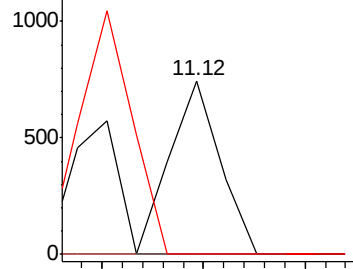
179 0.0 12.9 19.3#



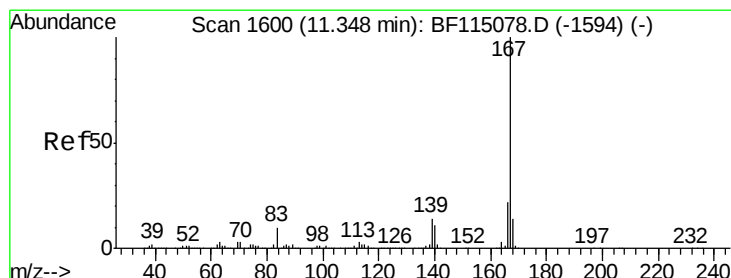
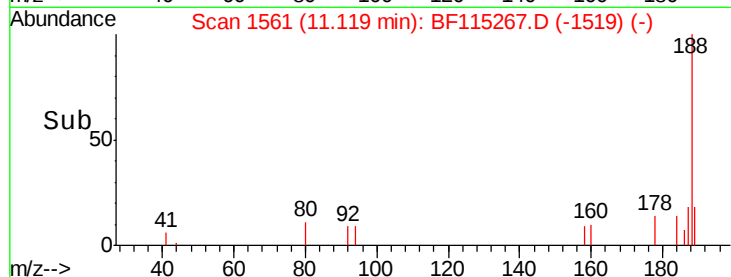
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 0.002 ng

RT: 11.32 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

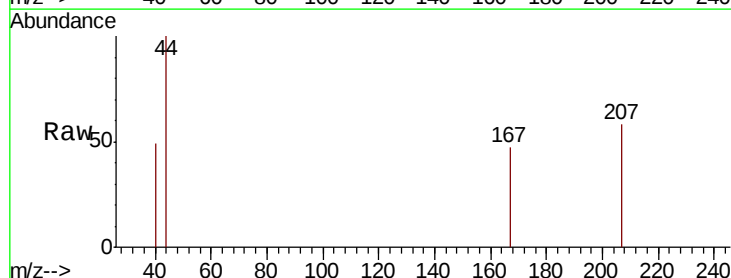
Tgt Ion:167 Resp: 108

Ion Ratio Lower Upper

167 100

166 0.0 18.0 27.0#

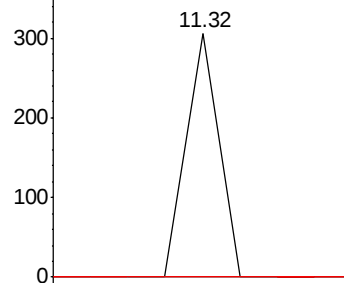
139 0.0 11.1 16.7#



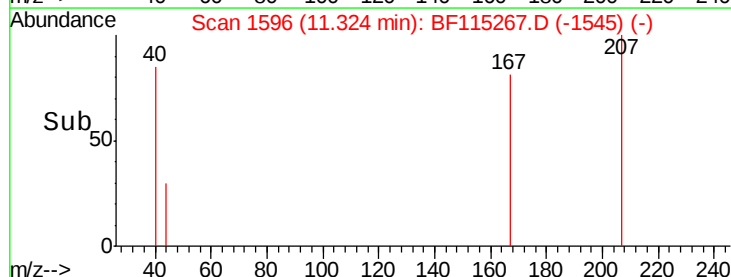
Abundance Ion 167.00 (166.70 to 167.70): E

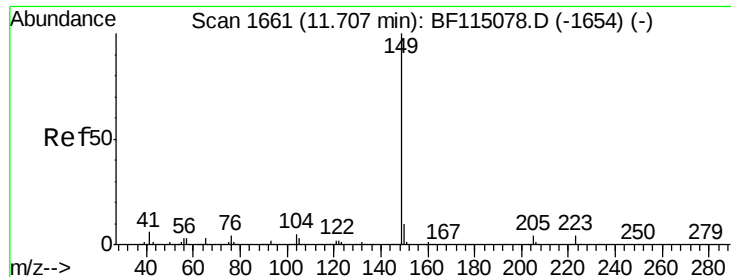
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#74

Di-n-butylphthalate

Concen: 0.014 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

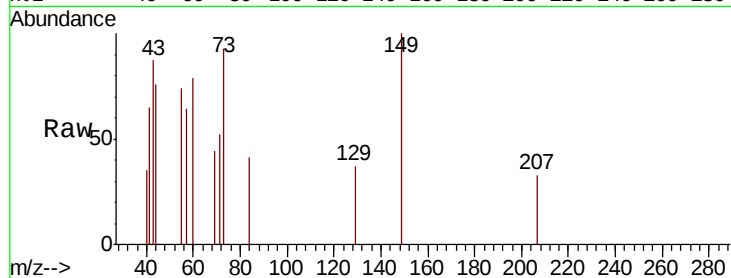
Tot Ion:149 Resp: 781

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

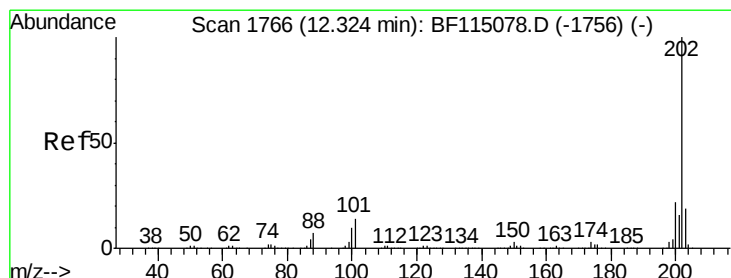
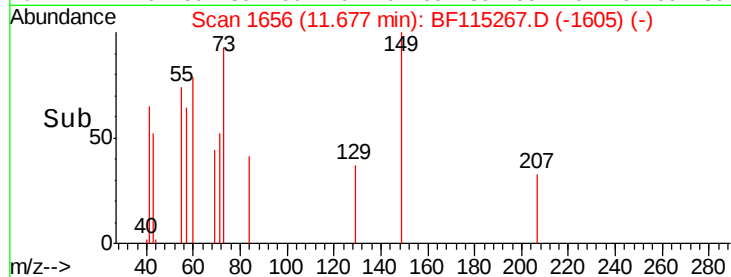
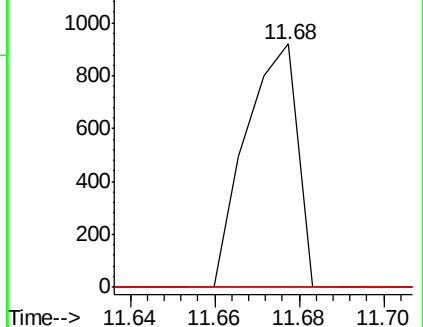
104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.008 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

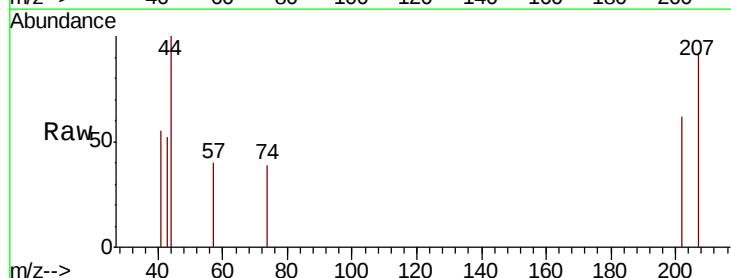
Tgt Ion:202 Resp: 435

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.0

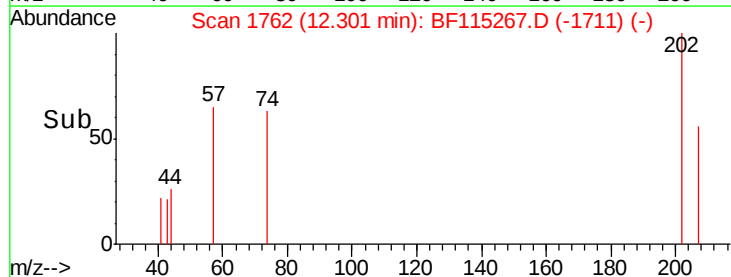
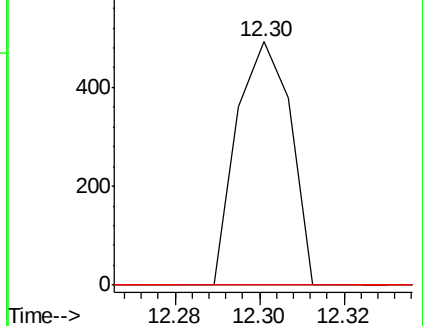
203 0.0 0.0 38.8

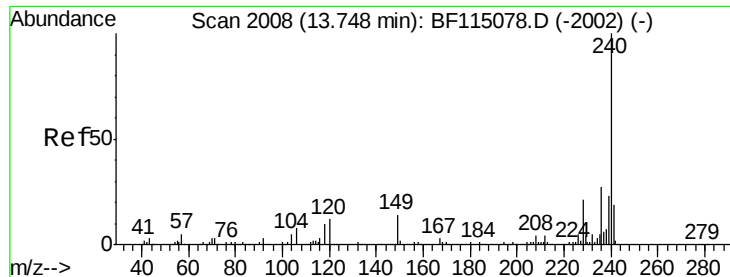


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

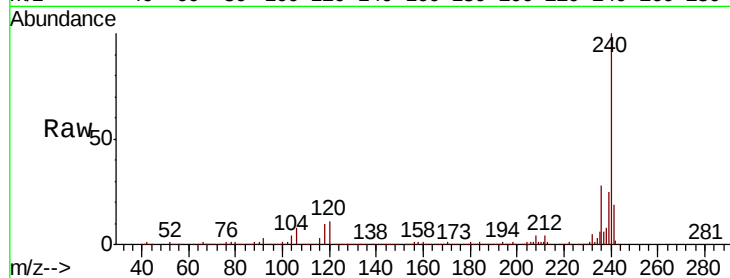
Tot Ion:240 Resp: 800247

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

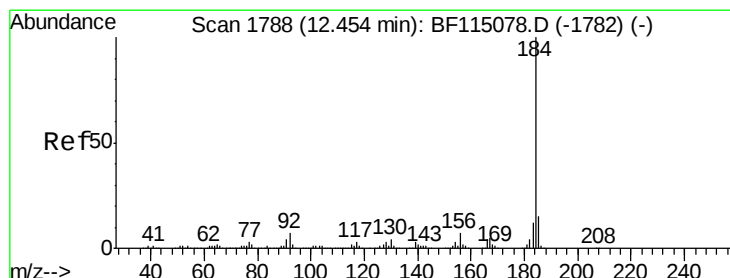
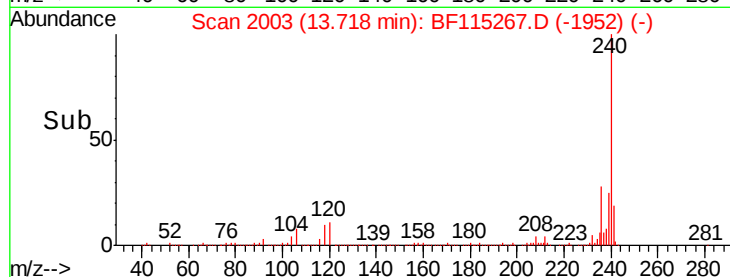
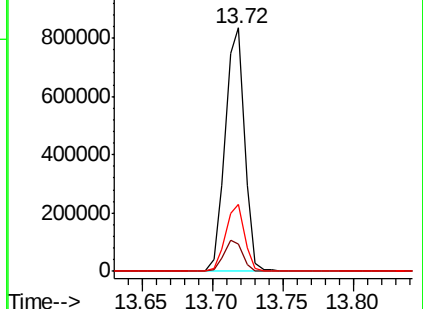
236 27.7 21.7 32.5



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

Benzidine

Concen: 1.011 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.26 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

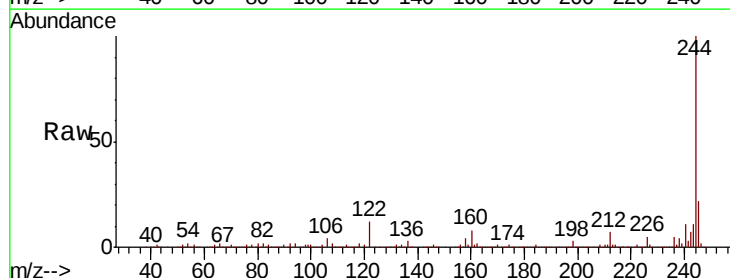
Tgt Ion:184 Resp: 35942

Ion Ratio Lower Upper

184 100

185 18.2 12.2 18.2

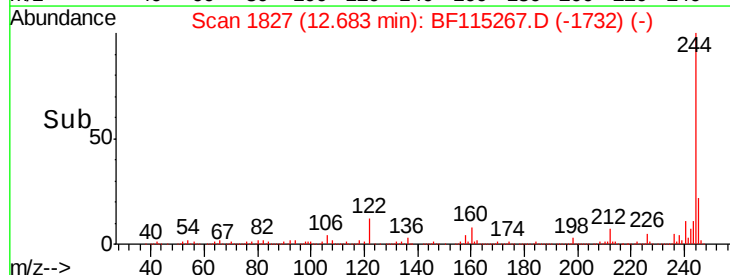
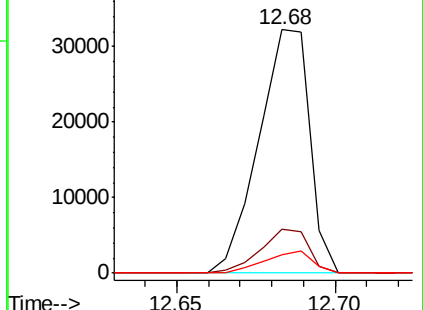
183 7.8 9.6 14.4#

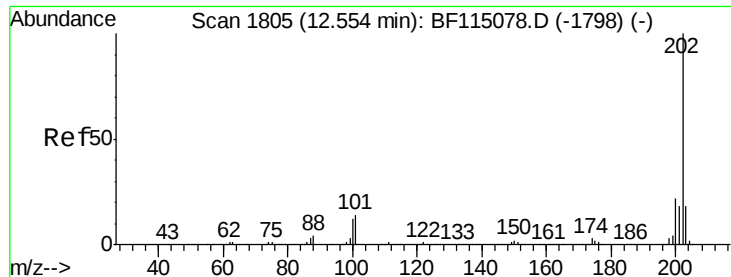


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

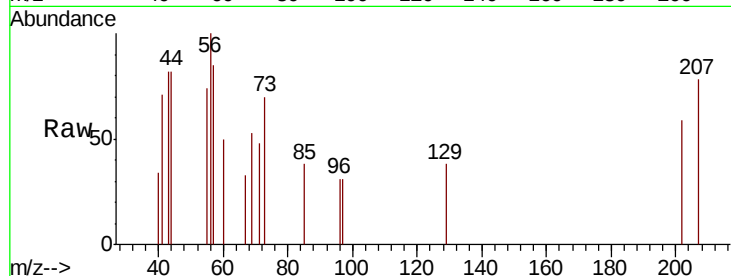




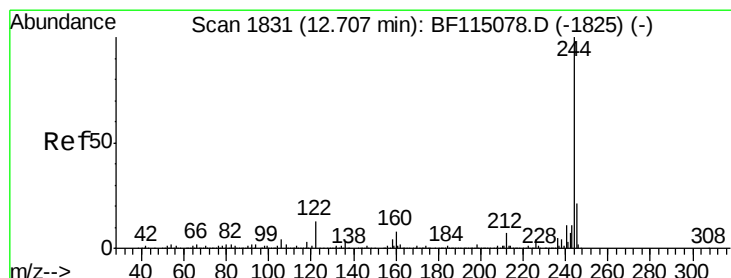
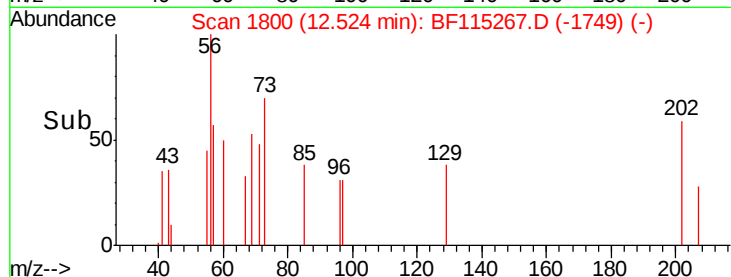
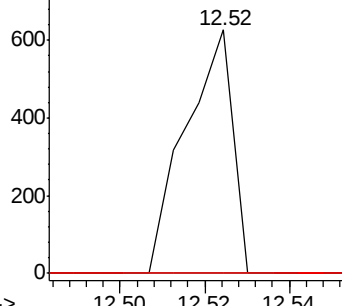
#78
Pvrene
Concen: 0.008 ng
RT: 12.52 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tot Ion:202 Resp: 489
Ion Ratio Lower Upper
202 100
200 0.0 17.9 26.9#
203 0.0 14.6 21.8#

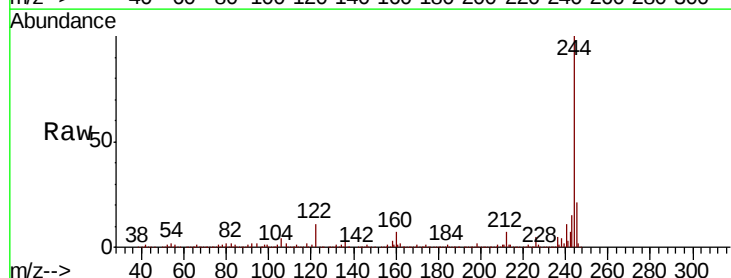


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

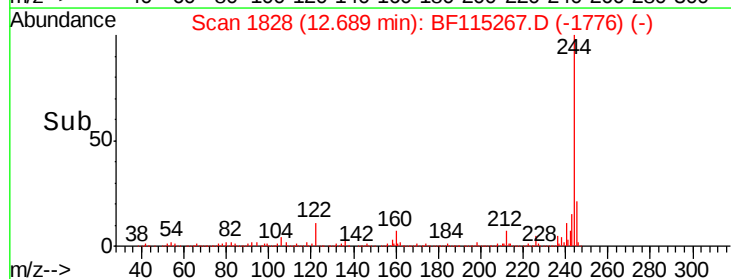
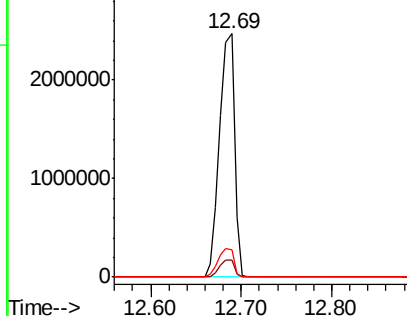


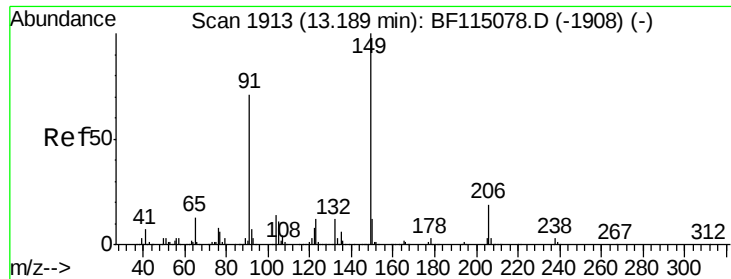
#79
Terphenyl-d14
Concen: 75.157 ng
RT: 12.69 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion:244 Resp: 2828788
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.2 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

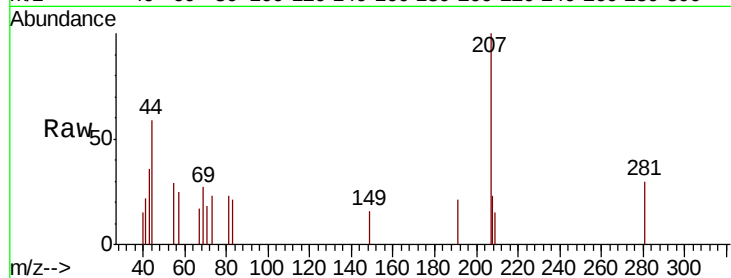




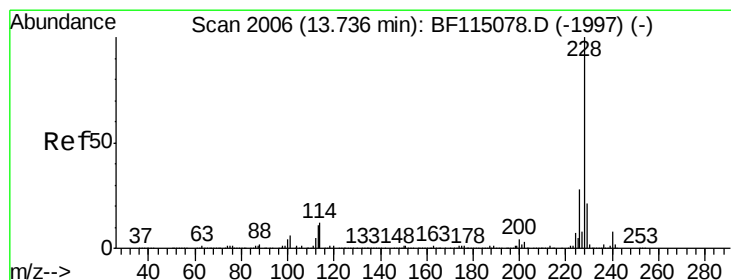
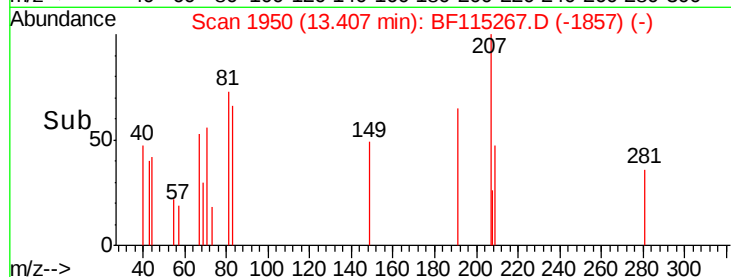
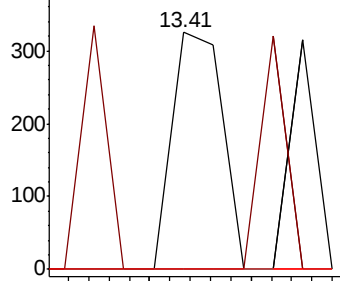
#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.25 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tot Ion:149 Resp: 224
Ion Ratio Lower Upper
149 100
91 0.0 56.5 84.7#
206 0.0 15.3 22.9#

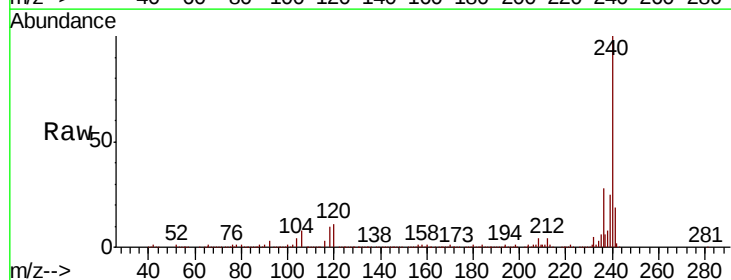


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

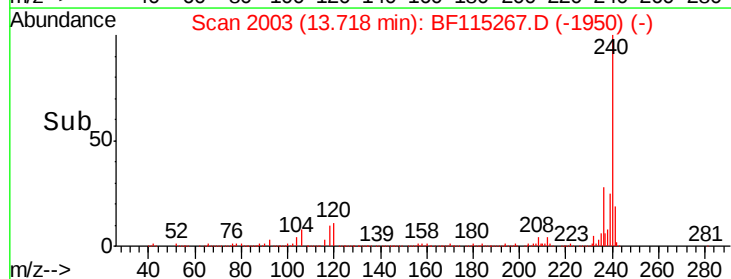
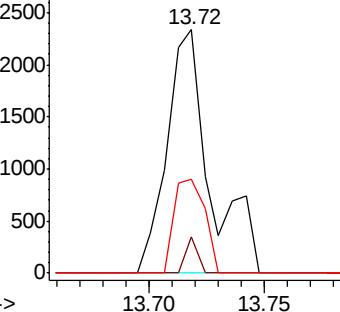


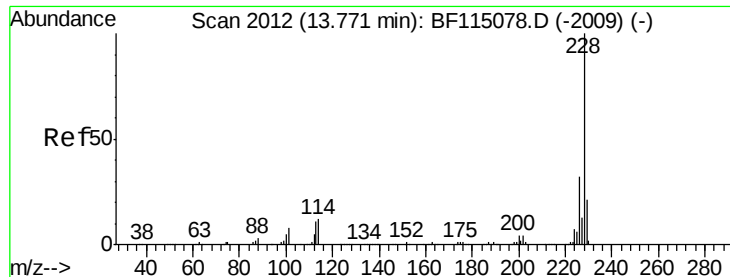
#81
Benzo(a)anthracene
Concen: 0.053 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion:228 Resp: 3042
Ion Ratio Lower Upper
228 100
226 14.8 22.5 33.7#
229 38.3 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





#83

Chrysene

Concen: 0.058 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

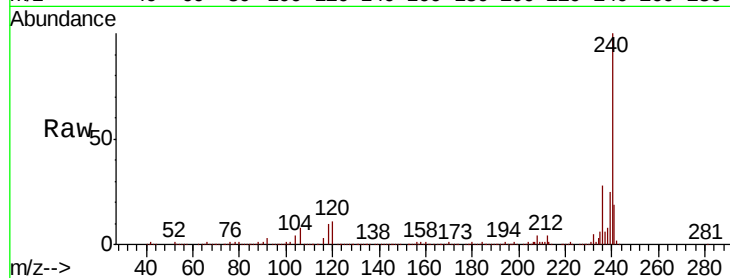
Tot Ion:228 Resp: 3042

Ion Ratio Lower Upper

228 100

226 14.8 25.4 38.0#

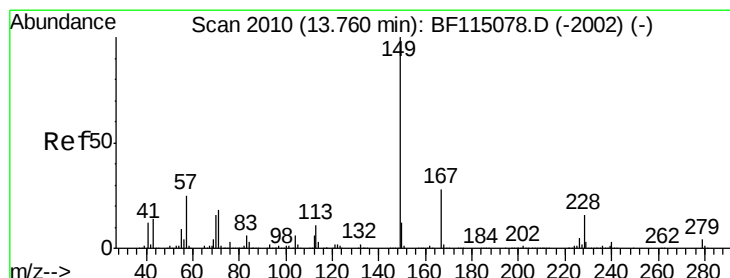
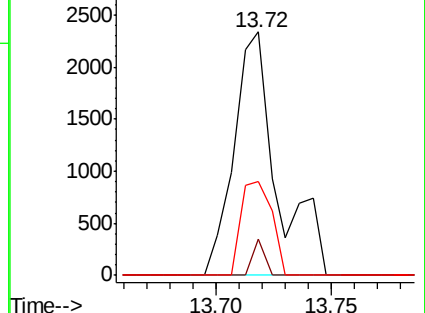
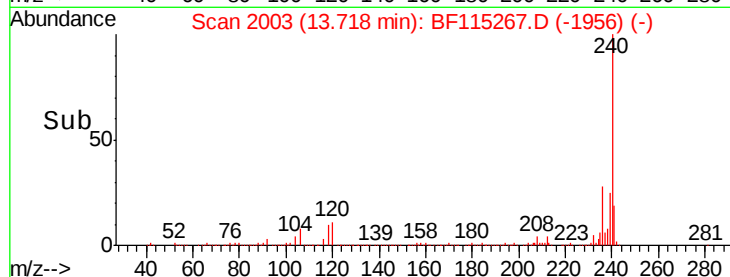
229 38.3 16.5 24.7#



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: 0.024 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

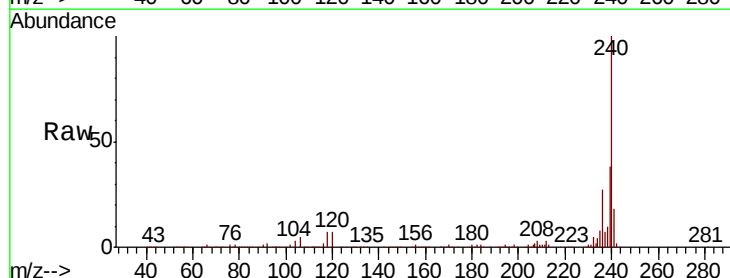
Tgt Ion:149 Resp: 860

Ion Ratio Lower Upper

149 100

167 54.2 22.2 33.4#

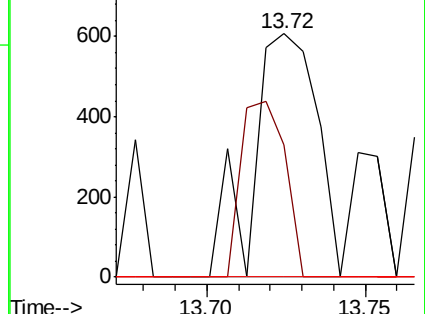
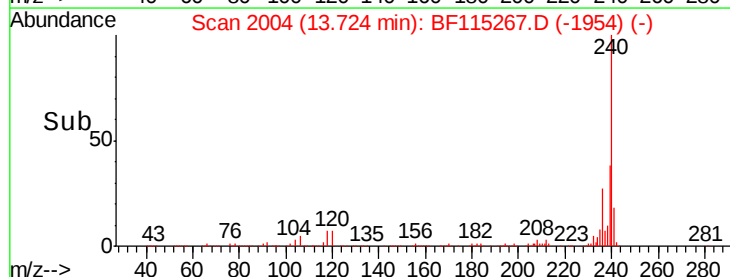
279 0.0 2.9 4.3#

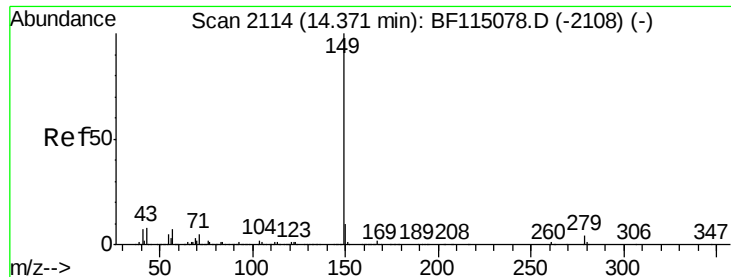


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

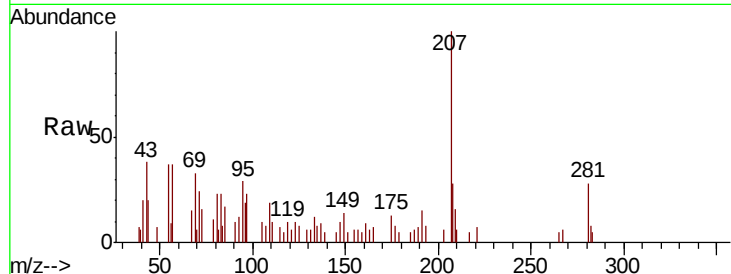




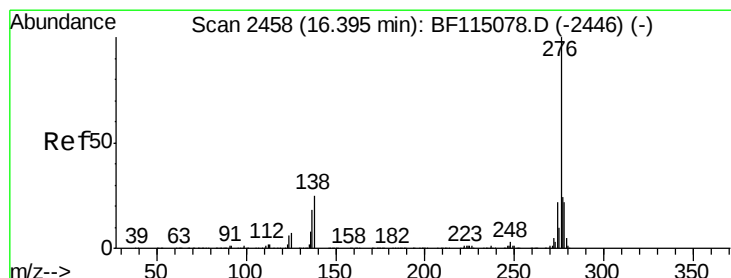
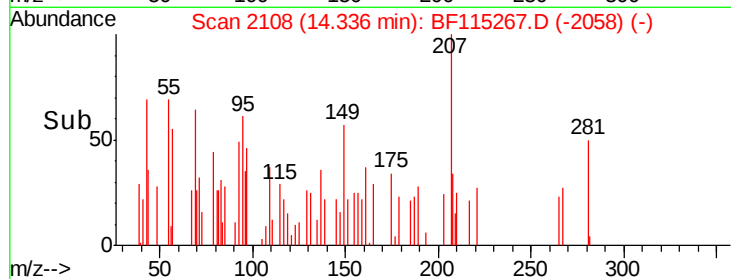
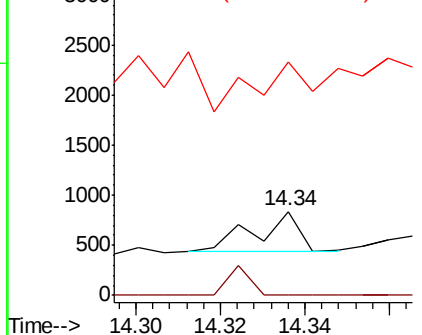
#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 14.34 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tot Ion:149 Resp: 277
Ion Ratio Lower Upper
149 100
167 38.6 1.2 1.8#
43 0.0 7.0 10.6#

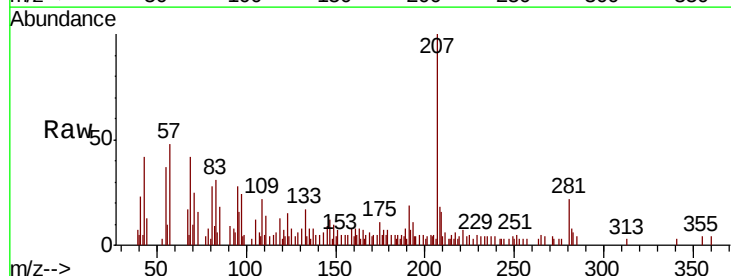


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

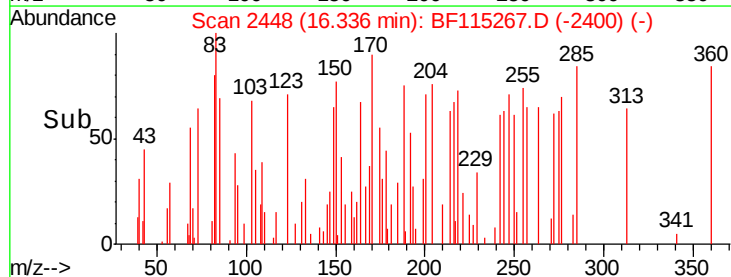
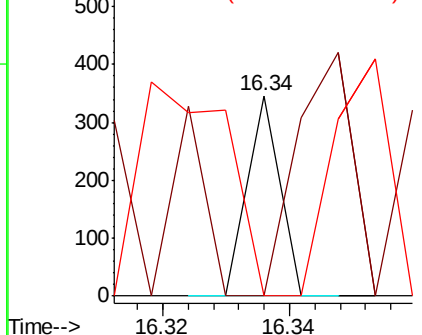


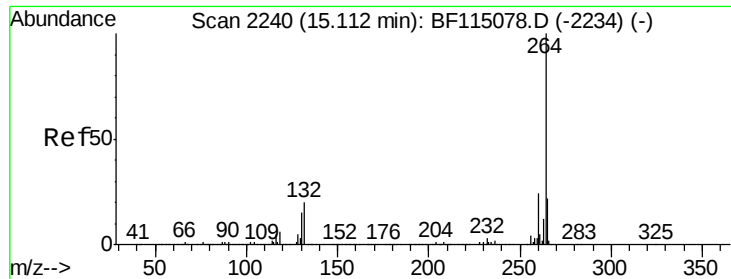
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 16.34 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion:276 Resp: 122
Ion Ratio Lower Upper
276 100
138 304.9 23.2 34.8#
277 207.4 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



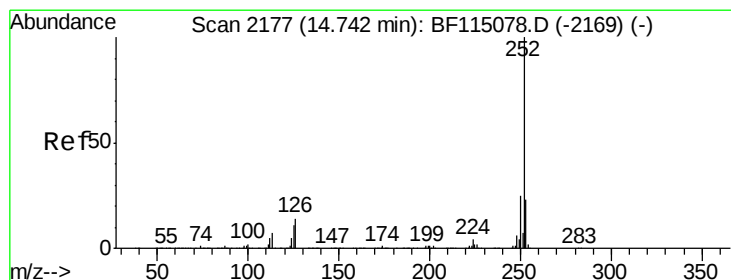
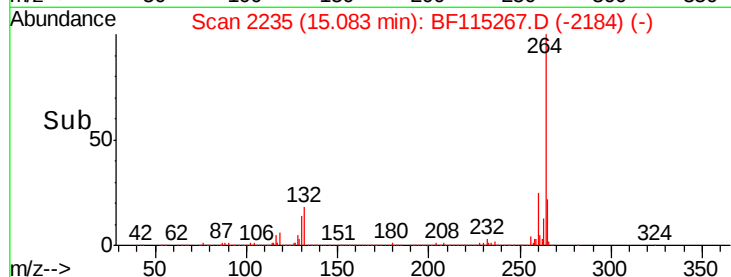
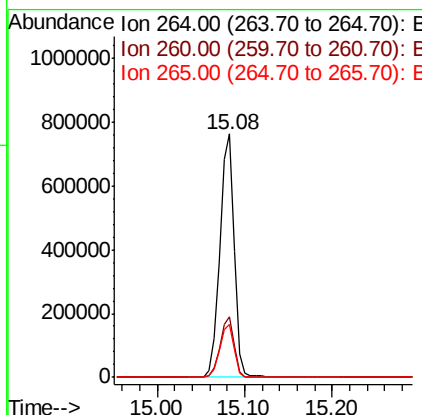
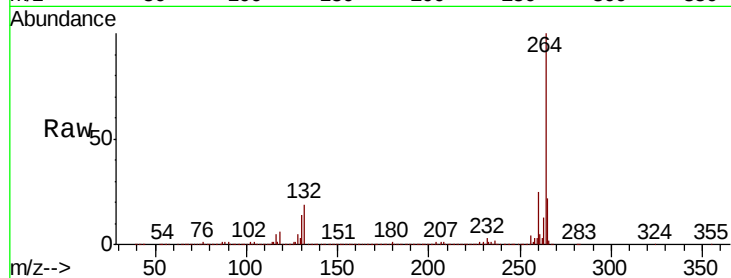


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tot Ion:264 Resp: 870405

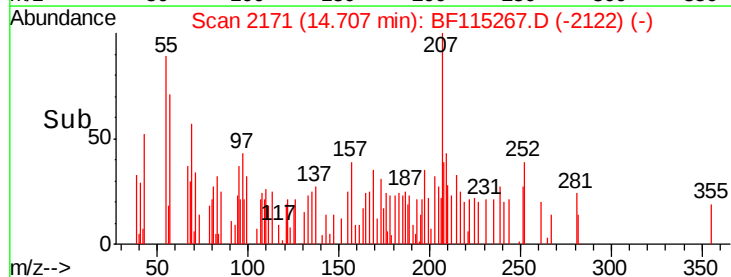
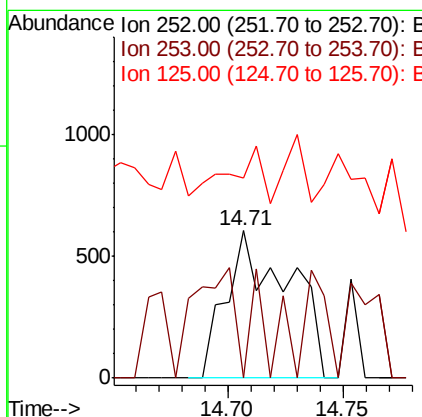
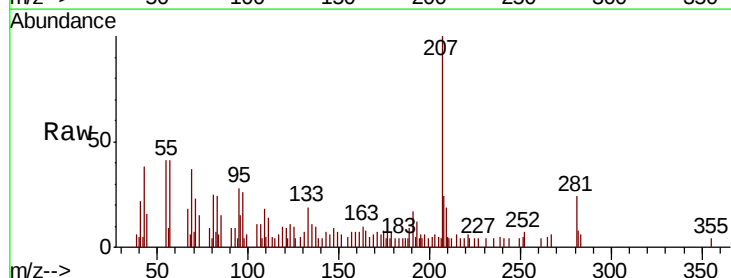
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.9	17.3	25.9

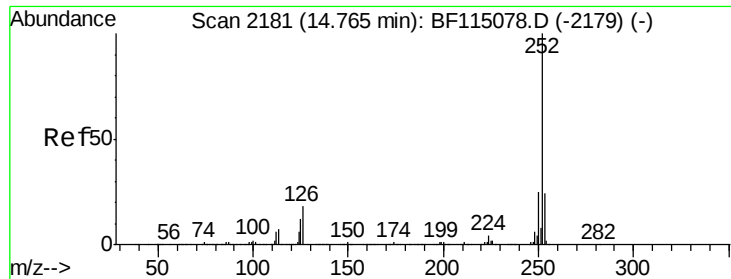


#88
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion:252 Resp: 1133

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	136.2	8.7	13.1#





#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 14.75 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

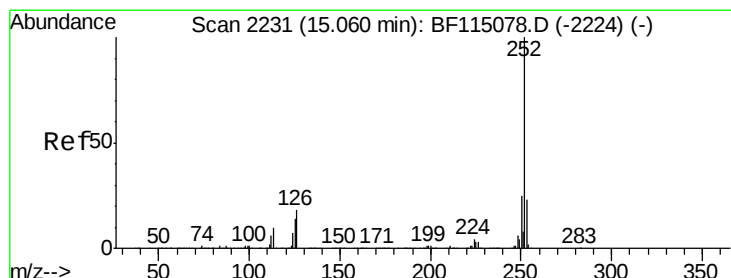
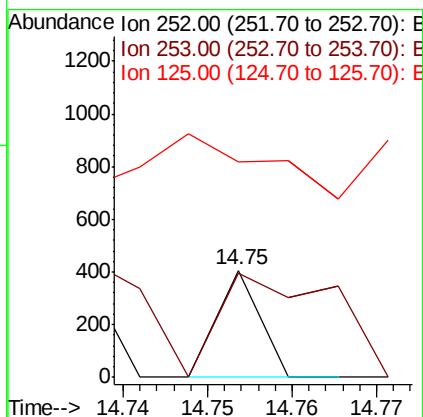
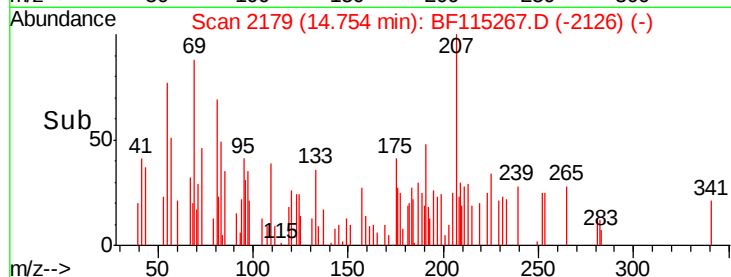
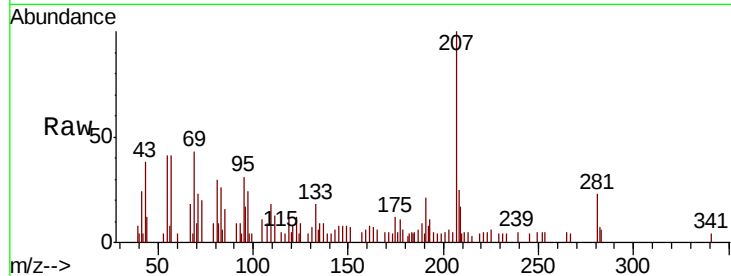
Tot Ion:252 Resp: 143

Ion Ratio Lower Upper

252 100

253 96.8 18.9 28.3#

125 201.7 10.2 15.2#



#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

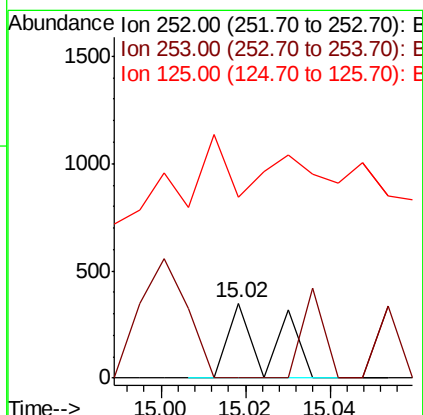
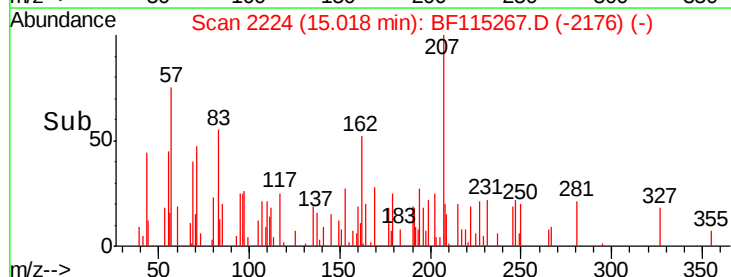
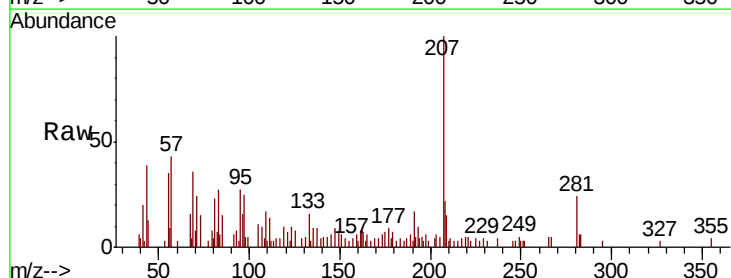
Tgt Ion:252 Resp: 235

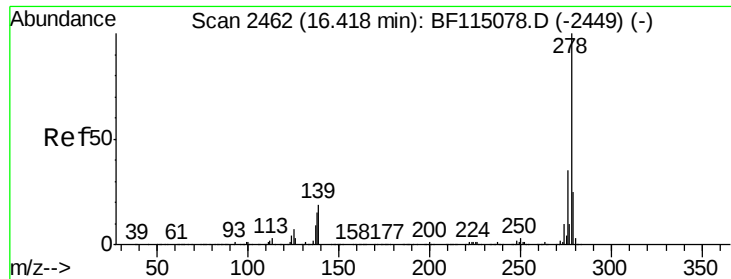
Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 242.4 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampled :

PB120890BL

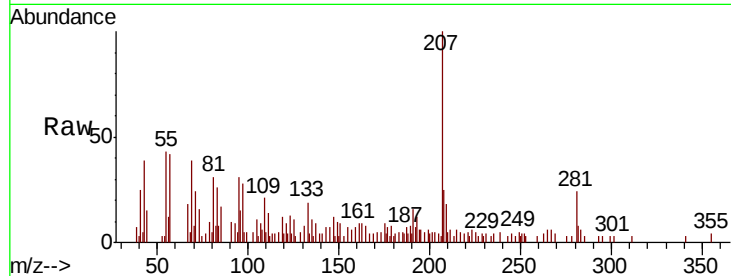
Tot Ion:278 Resp: 107

Ion Ratio Lower Upper

278 100

139 131.8 15.4 23.2#

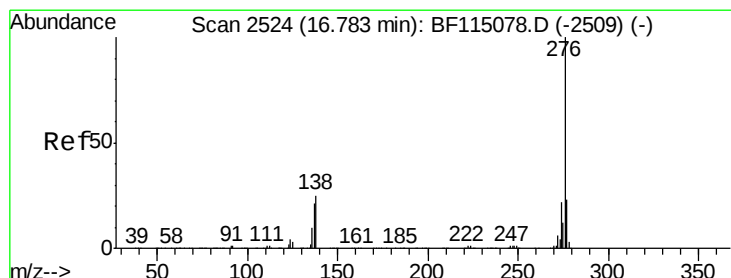
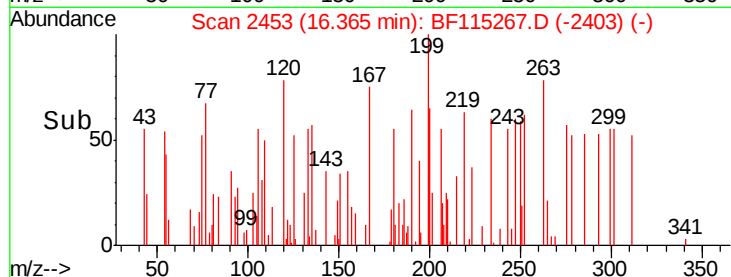
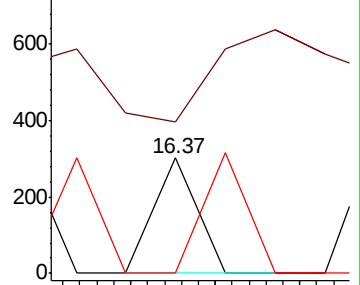
279 0.0 19.9 29.9#



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(g,h,i)perylene

Concen: 0.006 ng

RT: 16.74 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

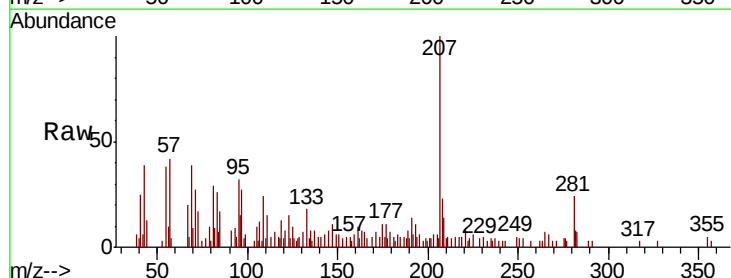
Tgt Ion:276 Resp: 266

Ion Ratio Lower Upper

276 100

277 73.2 18.6 28.0#

138 0.0 19.8 29.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

