

Data File : BF115329.D
Acq On : 1 Jul 2019 10:30
Operator : HP/JU
Sample : PB121041BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121041BL

Quant Time: Jul 02 08:02:34 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	251911	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	978008	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	474904	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	948391	20.00	ng	0.01
76) Chrysene-d12	13.73	240	780959	20.00	ng	0.01
87) Perylene-d12	15.11	264	845473	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1604793	98.31	ng	0.02
7) Phenol-d6	6.25	99	2029290	102.42	ng	0.01
23) Nitrobenzene-d5	7.17	82	1233217	77.57	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	571065	114.03	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2254945	80.65	ng	0.00
79) Terphenyl-d14	12.70	244	2591863	70.56	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	251	0.033	ng	# 24
3) Pyridine	2.91	79	110	0.005	ng	# 1
4) n-Nitrosodimethylamine	2.89	42	111	0.013	ng	# 1
6) Aniline	6.25	93	118	0.004	ng	# 1
8) 2-Chlorophenol	6.39	128	567	0.031	ng	# 45
9) Benzaldehyde	6.24	77	2889	0.223	ng	# 1
10) Phenol	6.37	94	3207	0.138	ng	# 1
11) bis(2-Chloroethyl)ether	6.37	93	2219	0.130	ng	# 1
15) Benzyl Alcohol	6.76	79	20178	1.399	ng	# 42
19) n-Nitroso-di-n-propylamine	7.17	70	162593	12.818	ng	# 76
22) Acetophenone	6.76	105	269	0.012	ng	# 1
24) Nitrobenzene	7.17	77	3703	0.211	ng	# 30
25) Isophorone	7.17	82	1221386	37.502	ng	# 63
31) Naphthalene	7.91	128	132	0.003	ng	# 67
32) Benzoic acid	7.88	122	122	0.012	ng	# 1
38) 1-Methylnaphthalene	8.96	142	1077	0.035	ng	# 61
46) 1,1'-Biphenyl	9.06	154	4654	0.122	ng	# 88
48) 2-Nitroaniline	8.96	65	3556	0.396	ng	# 1
50) Dimethylphthalate	9.64	163	132371	3.789	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	60383	7.486	ng	# 28
52) Acenaphthene	9.63	154	1544	0.051	ng	# 5
57) 2,4-Dinitrotoluene	9.63	165	60383	5.797	ng	# 30
58) Fluorene	10.42	166	26289	Below Cal		# 92
60) Diethylphthalate	10.06	149	420	0.012	ng	# 58
63) Azobenzene	10.41	77	2534	0.077	ng	# 5
65) 4,6-Dinitro-2-methylphenol	10.42	198	1175	5.169	ng	# 1
66) n-Nitrosodiphenylamine	10.42	169	16408	0.555	ng	# 40
67) 4-Bromophenyl-phenylether	10.42	248	36848	3.584	ng	# 1
71) Phenanthrene	11.13	178	1071	0.021	ng	# 58
72) Anthracene	11.18	178	450	0.009	ng	# 59
73) Carbazole	11.34	167	257	0.006	ng	# 58
74) Di-n-butylphthalate	11.68	149	1422	0.027	ng	# 77
75) Fluoranthene	12.31	202	795	0.016	ng	# 61
77) Benzidine	12.70	184	33200	0.957	ng	# 96

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Response via : Initial Calibration

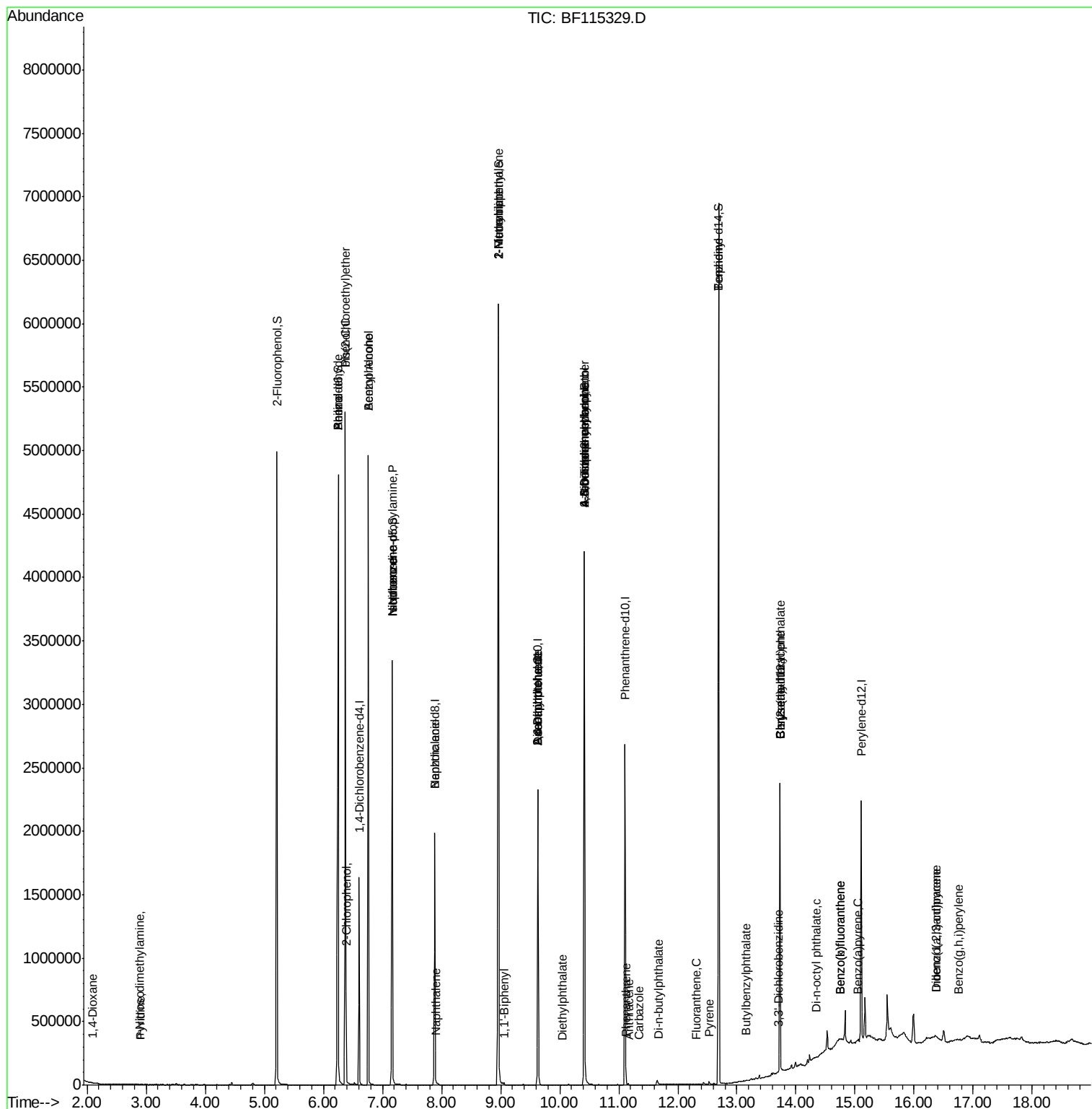
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.54	202	1090	0.018	ng	# 56
80) Butylbenzylphthalate	13.17	149	1597	0.060	ng	# 71
81) Benzo(a)anthracene	13.72	228	4347	0.078	ng	# 66
82) 3,3'-Dichlorobenzidine	13.69	252	332	0.016	ng	# 1
83) Chrysene	13.72	228	4347	0.085	ng	# 64
84) Bis(2-ethylhexyl)phthalate	13.74	149	1292	0.037	ng	# 66
85) Di-n-octyl phthalate	14.34	149	892	0.015	ng	# 52
86) Indeno(1,2,3-cd)pyrene	16.38	276	740	0.012	ng	# 57
88) Benzo(b)fluoranthene	14.75	252	644	0.012	ng	# 1
89) Benzo(k)fluoranthene	14.75	252	644	0.014	ng	# 1
90) Benzo(a)pyrene	15.05	252	868	0.018	ng	# 1
91) Dibenzo(a,h)anthracene	16.39	278	126	0.003	ng	# 1
92) Benzo(g,h,i)perylene	16.75	276	456	0.010	ng	# 1

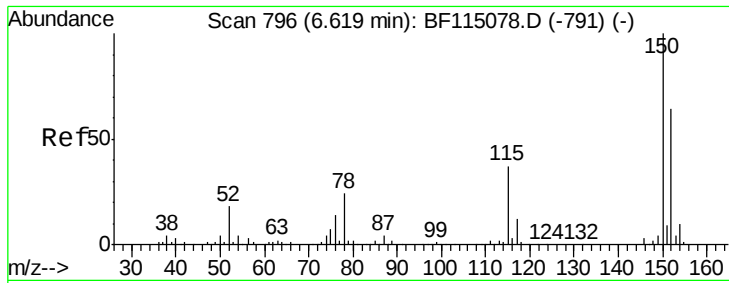
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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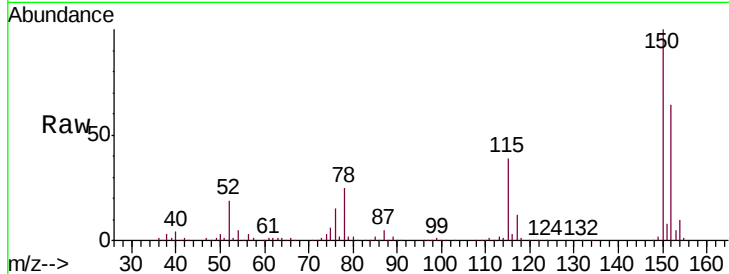


#1

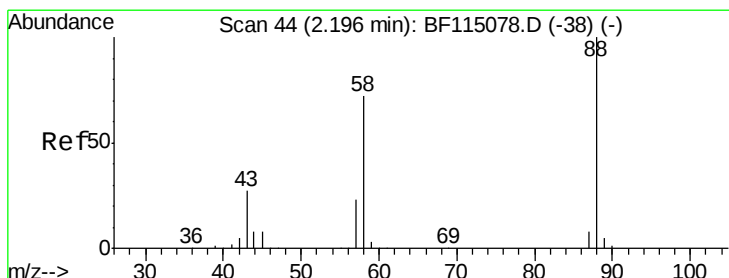
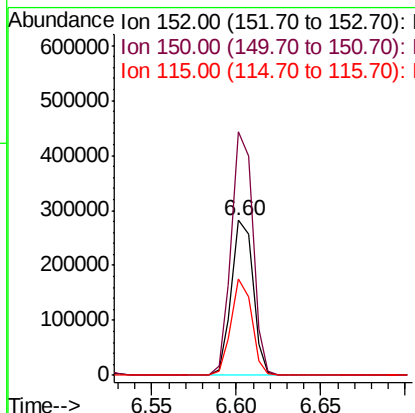
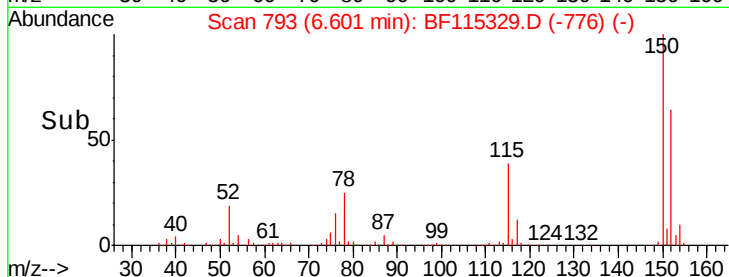
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Instrument :
BNA_F
ClientSampleId :
PB121041BL

Tgt Ion:152 Resp: 251911
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 61.9 46.1 69.1



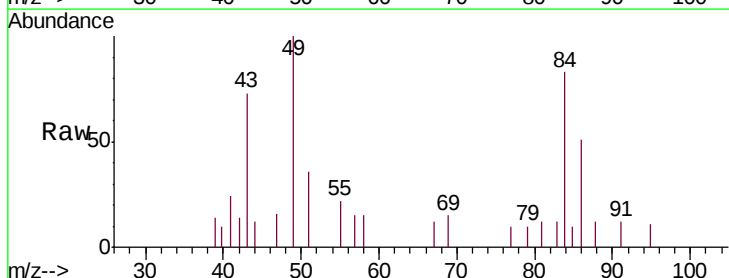
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



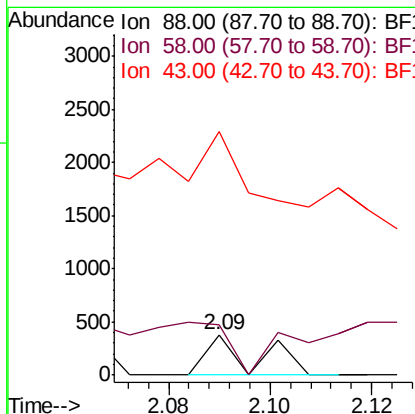
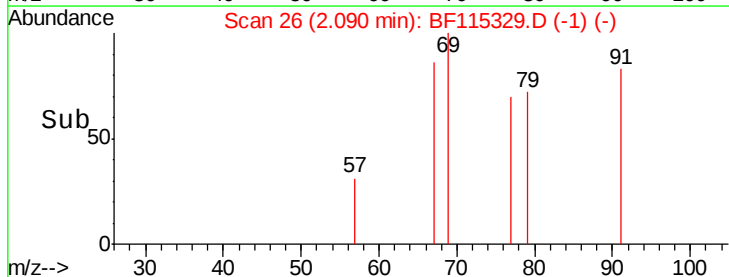
#2

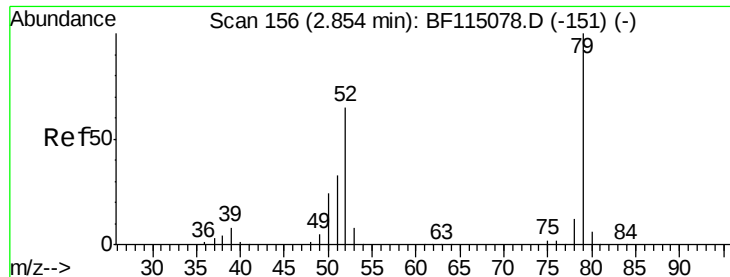
1,4-Dioxane
Concen: 0.033 ng
RT: 2.09 min Scan# 26
Delta R.T. -0.06 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion: 88 Resp: 251
Ion Ratio Lower Upper
88 100
58 0.0 56.1 84.1#
43 0.0 21.3 31.9#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.005 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.11 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

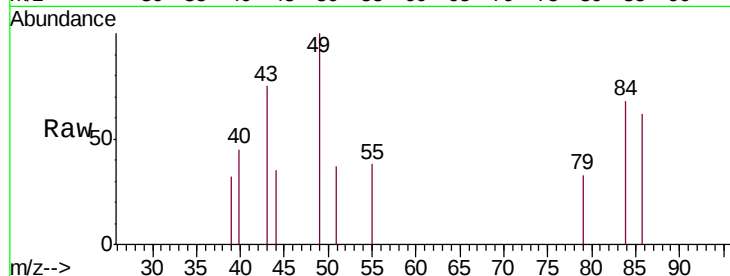
Tgt Ion: 79 Resp: 110

Ion Ratio Lower Upper

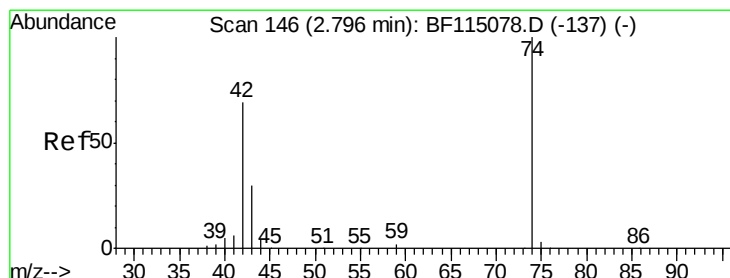
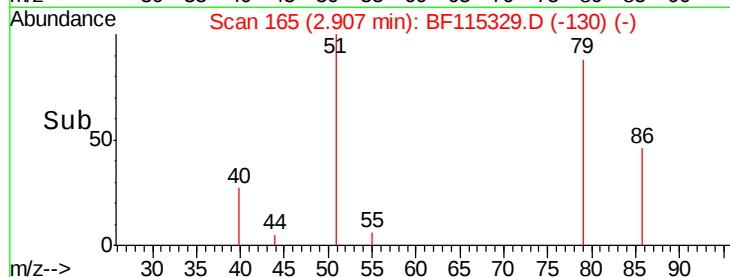
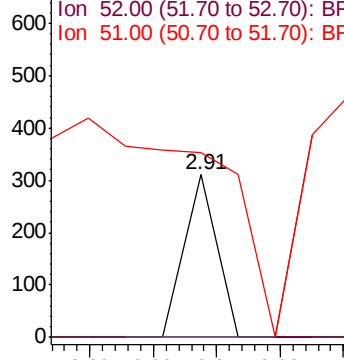
79 100

52 0.0 52.3 78.5#

51 113.2 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: 2.89 min Scan# 162

Delta R.T. 0.14 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

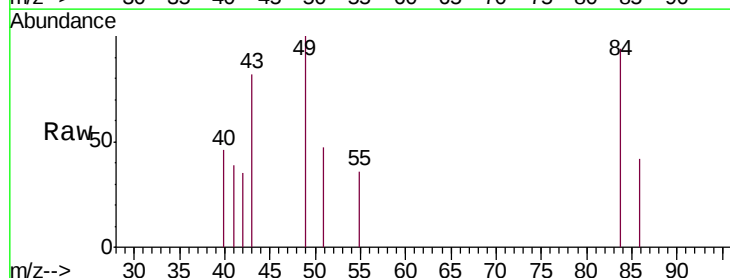
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

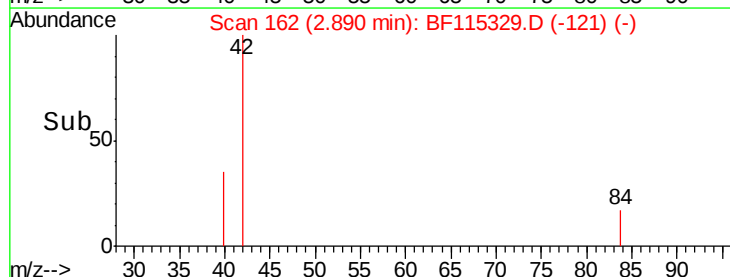
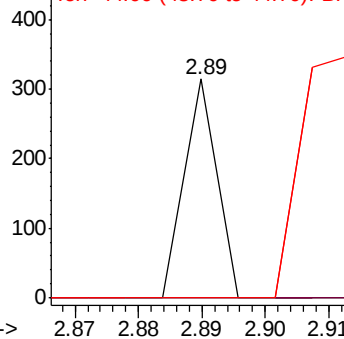
42 100

74 0.0 116.6 175.0#

44 0.0 5.3 7.9#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.307 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115329.D

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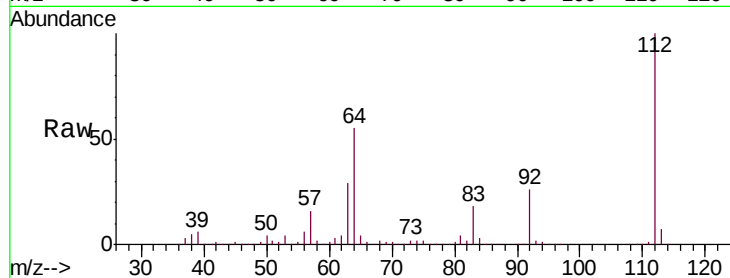
Tgt Ion: 112 Resp: 1604793

Ion Ratio Lower Upper

112 100

64 55.3 43.8 65.6

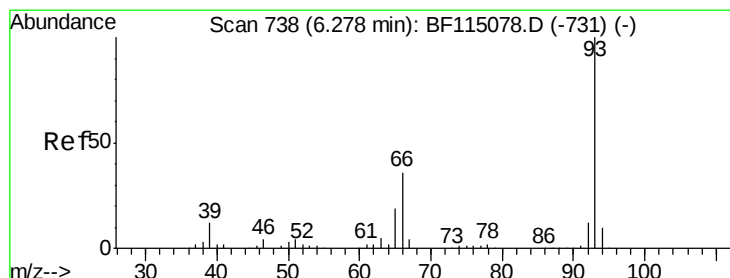
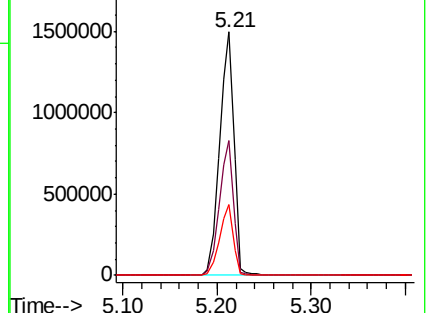
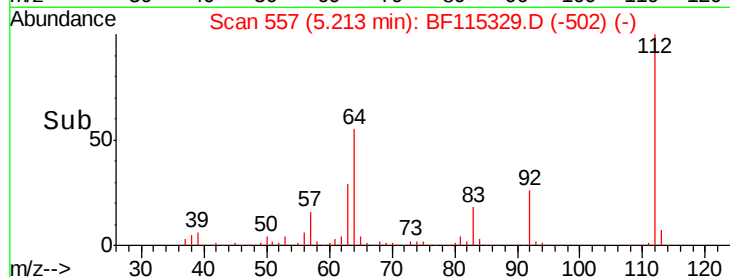
63 28.9 22.2 33.4



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



#6

Aniline

Concen: 0.004 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

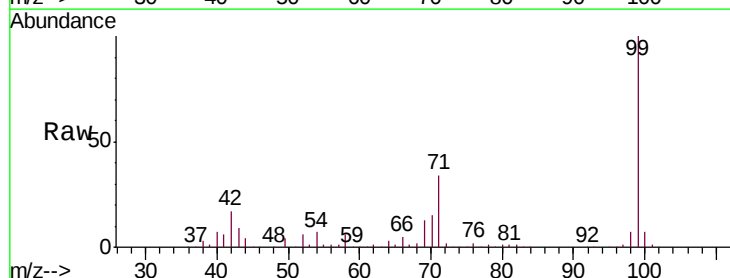
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

66 24919.4 30.0 45.0#

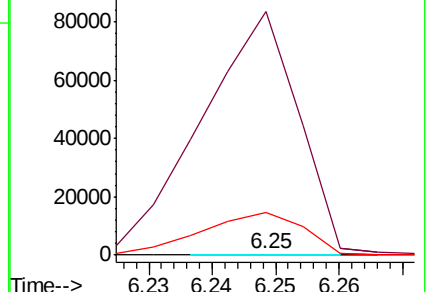
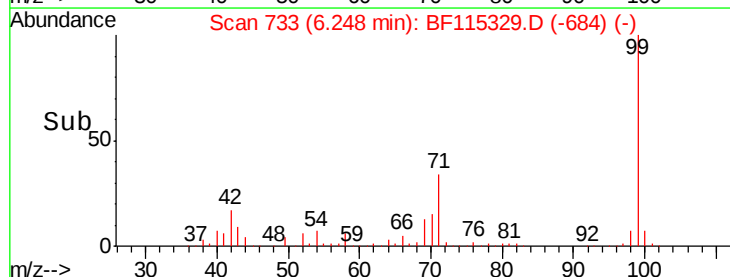
65 4342.4 15.6 23.4#



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: 102.419 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

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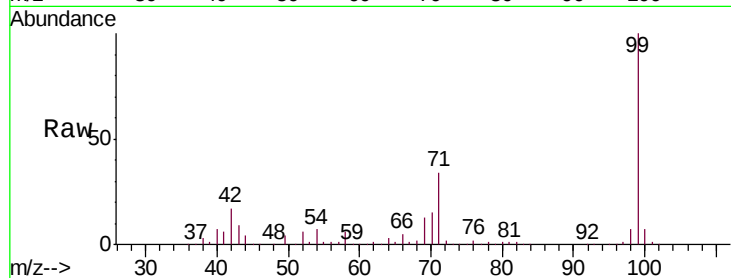
Tgt Ion: 99 Resp: 2029290

Ion Ratio Lower Upper

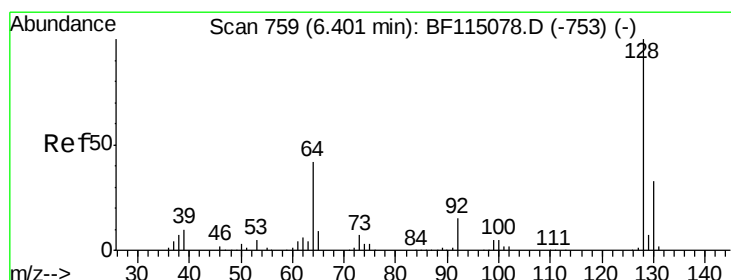
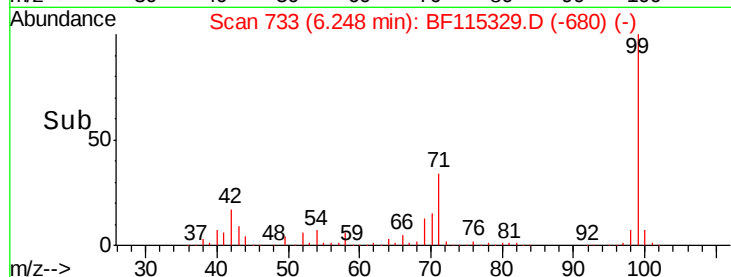
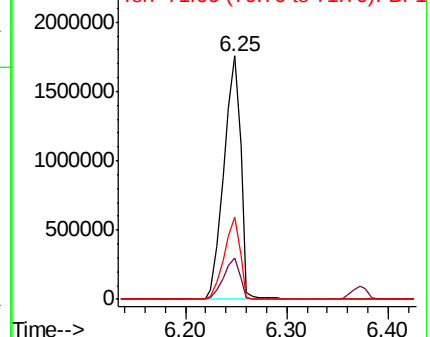
99 100

42 17.2 13.6 20.4

71 33.6 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: 0.031 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

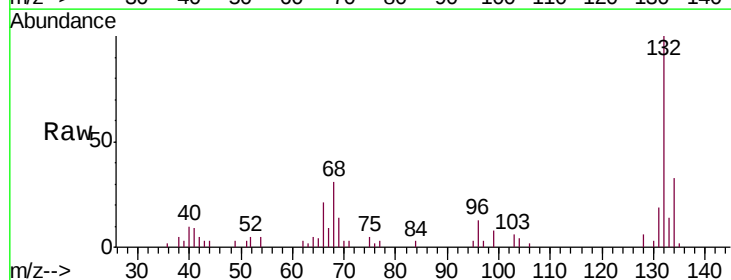
Tgt Ion:128 Resp: 567

Ion Ratio Lower Upper

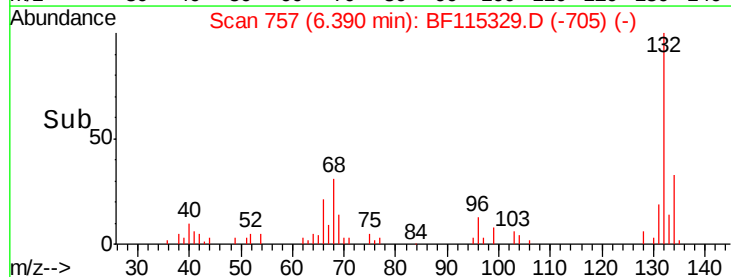
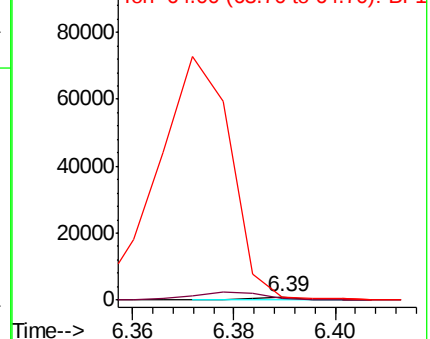
128 100

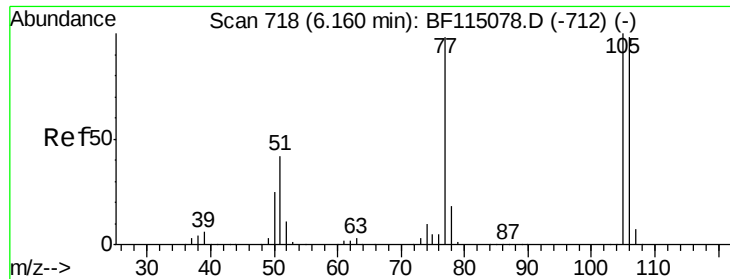
130 49.4 12.9 52.9

64 90.3 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: 0.223 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.10 min

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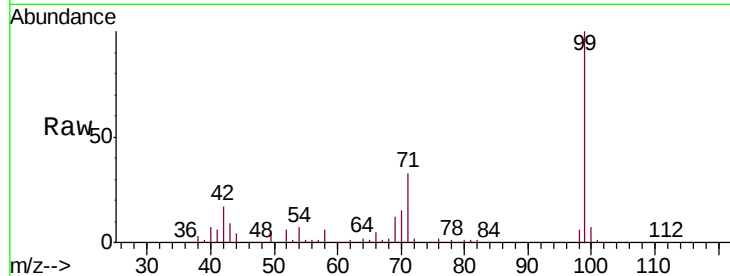
Tgt Ion: 77 Resp: 2889

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

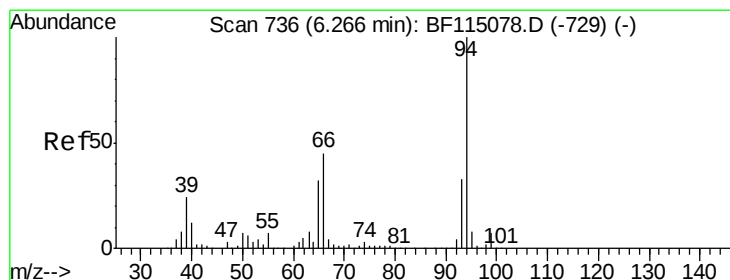
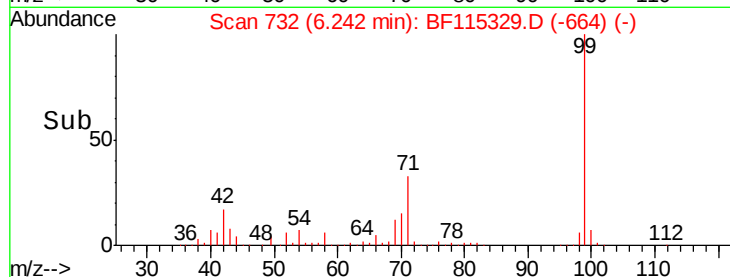
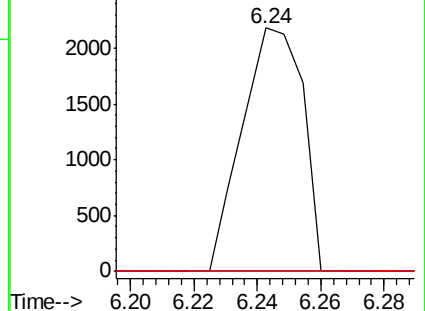
106 0.0 79.7 119.7#



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: 0.138 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.12 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

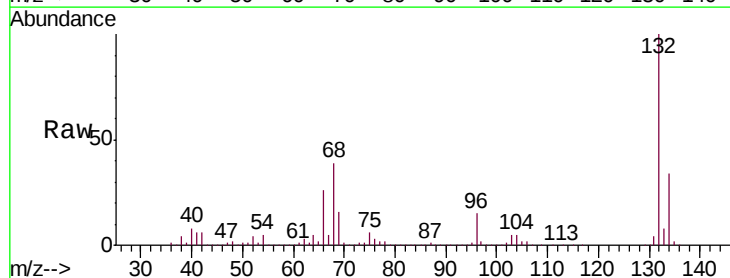
Tgt Ion: 94 Resp: 3207

Ion Ratio Lower Upper

94 100

65 1145.3 11.9 51.9#

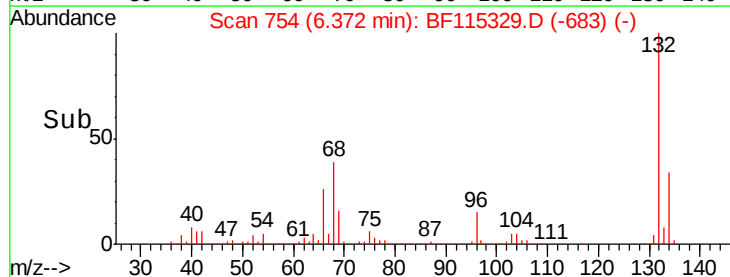
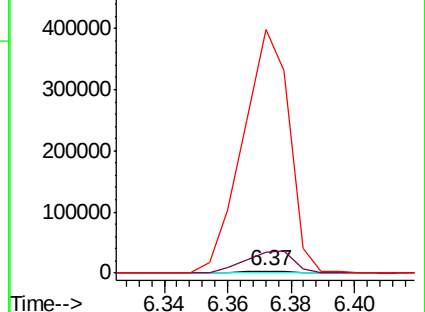
66 13521.5 25.2 65.2#

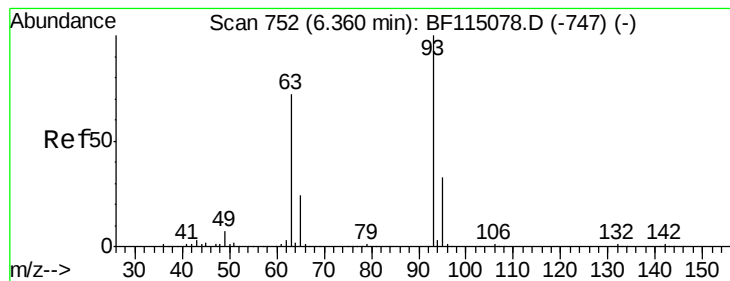


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.130 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.03 min

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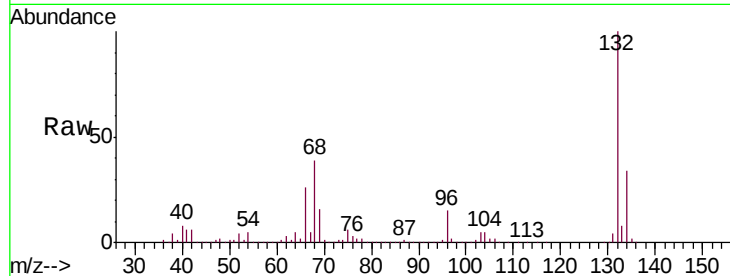
Tgt Ion: 93 Resp: 2219

Ion Ratio Lower Upper

93 100

63 732.1 51.5 91.5#

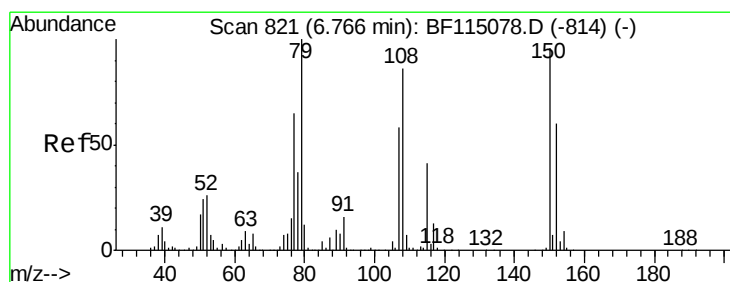
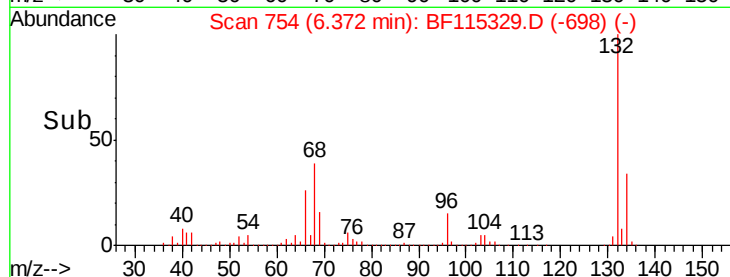
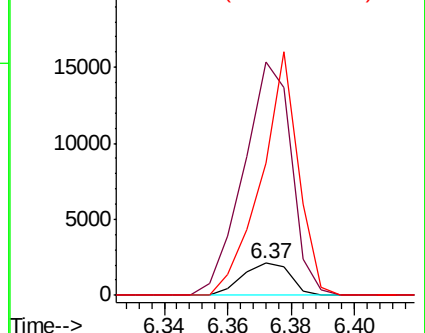
95 415.0 13.4 53.4#



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: 1.399 ng

RT: 6.76 min Scan# 820

Delta R.T. 0.01 min

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Acq: 1 Jul 2019 10:30

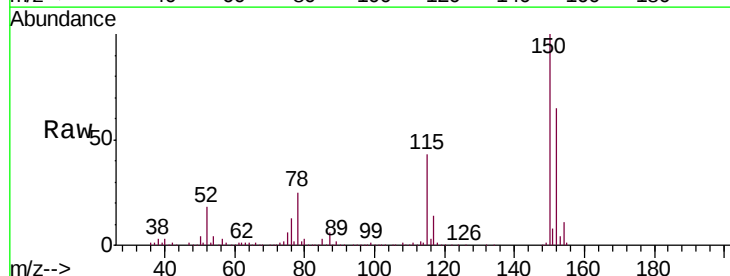
Tgt Ion: 79 Resp: 20178

Ion Ratio Lower Upper

79 100

108 31.8 68.7 103.1#

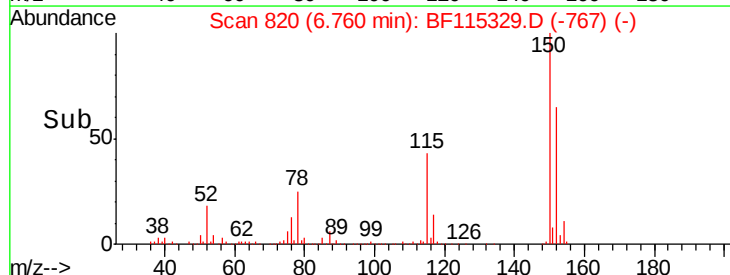
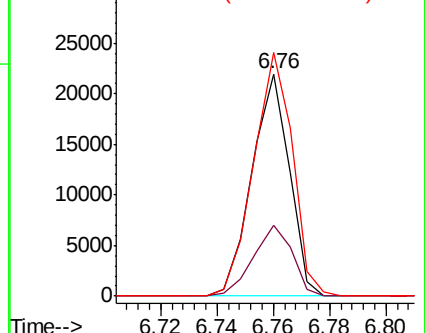
77 109.7 51.7 77.5#

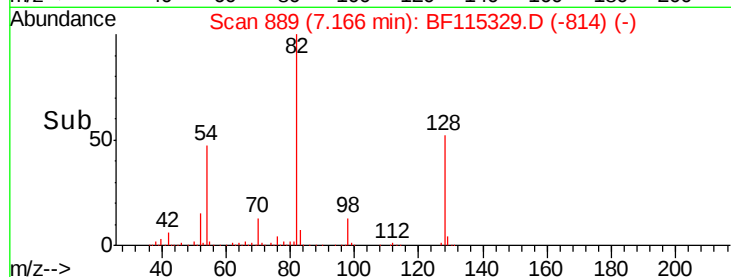
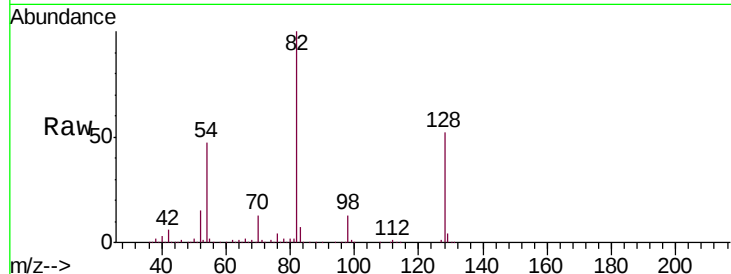
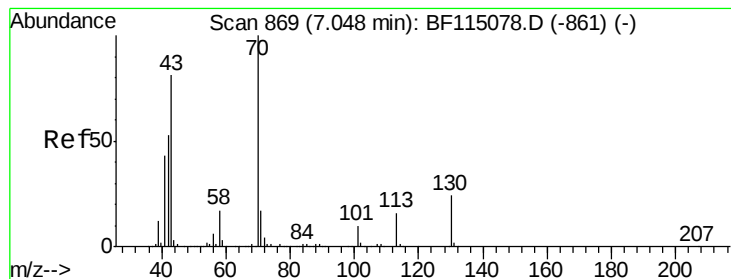


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.818 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

Tgt Ion: 70 Resp: 162593

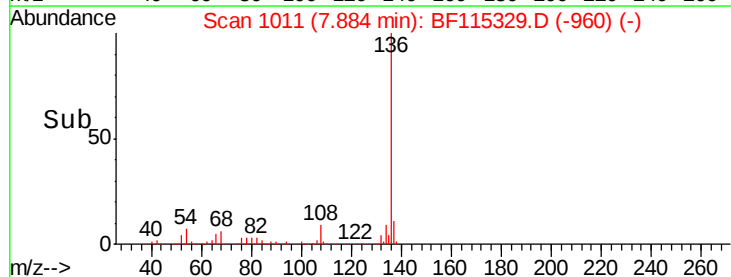
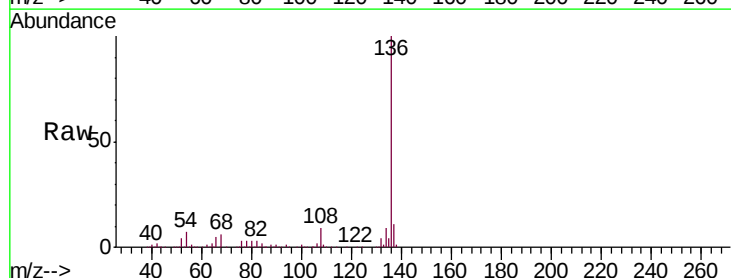
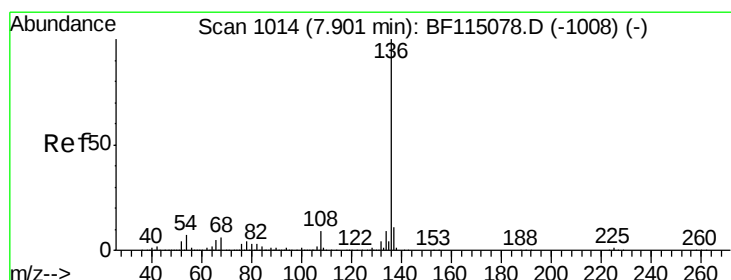
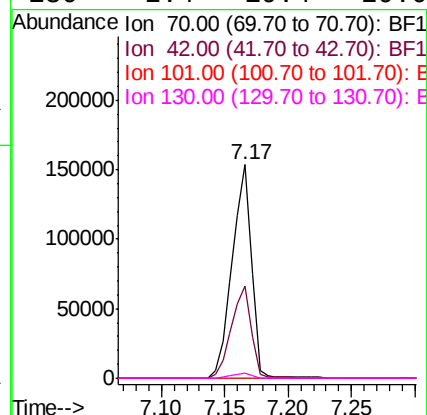
Ion Ratio Lower Upper

70 100

42 43.1 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Tgt Ion: 136 Resp: 978008

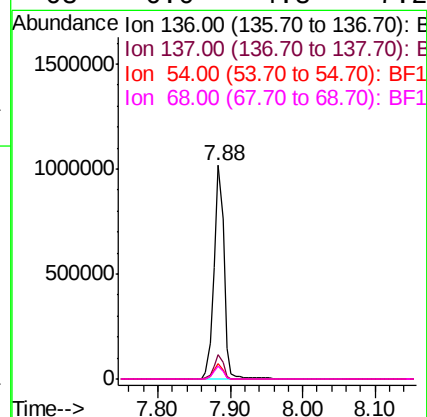
Ion Ratio Lower Upper

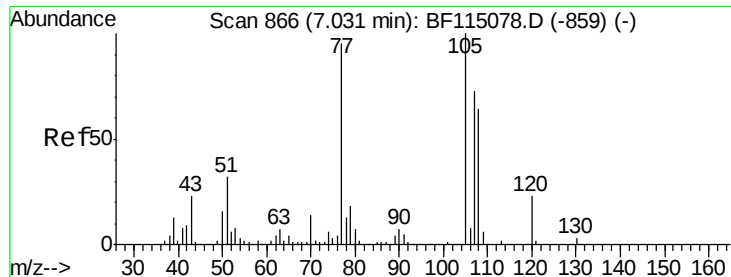
136 100

137 11.2 8.9 13.3

54 7.2 5.6 8.4

68 6.0 4.8 7.2

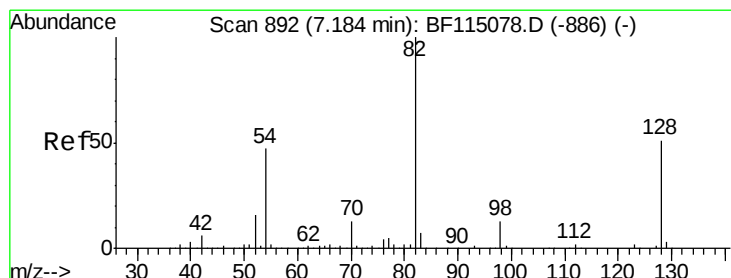
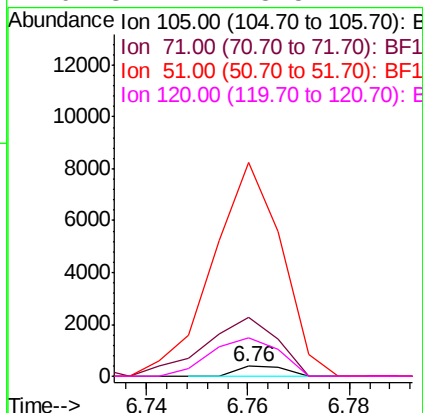
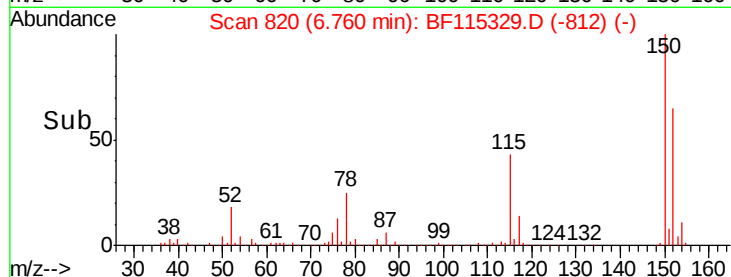
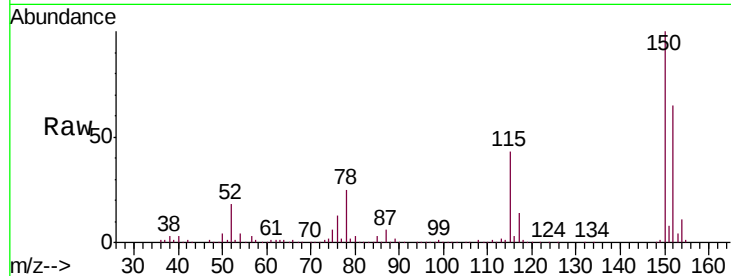




#22
Acetophenone
Concen: 0.012 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.25 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

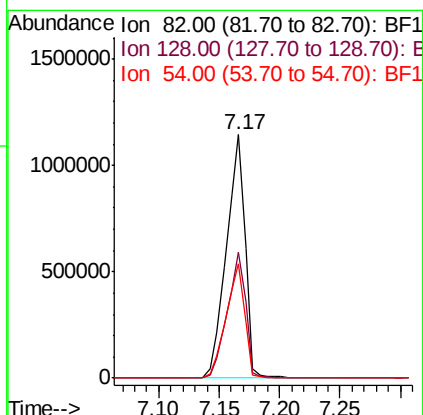
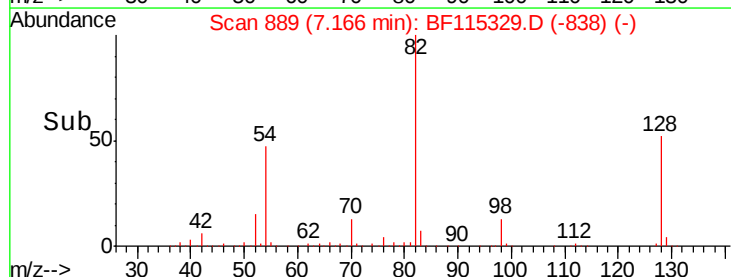
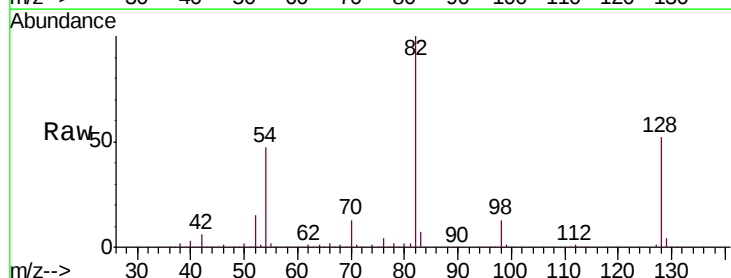
Instrument :
BNA_F
ClientSampleId :
PB121041BL

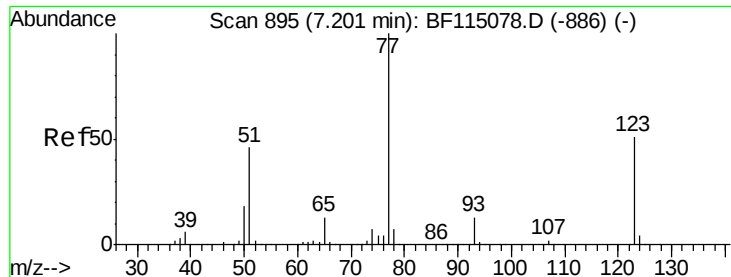
Tgt Ion:105 Resp: 269
Ion Ratio Lower Upper
105 100
71 574.2 1.9 2.9#
51 2101.0 25.8 38.8#
120 372.7 18.5 27.7#



#23
Nitrobenzene-d5
Concen: 77.568 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion: 82 Resp: 1233217
Ion Ratio Lower Upper
82 100
128 51.7 40.4 60.6
54 46.9 37.5 56.3





#24

Nitrobenzene

Concen: 0.211 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

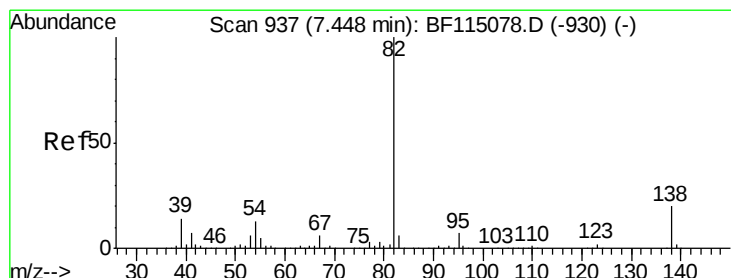
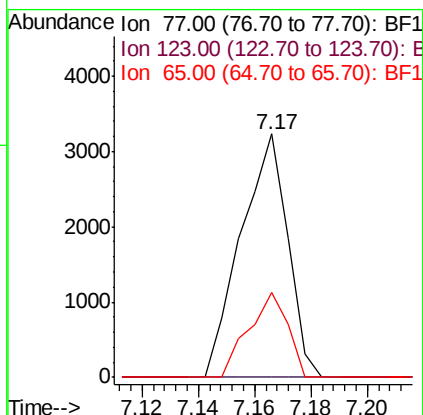
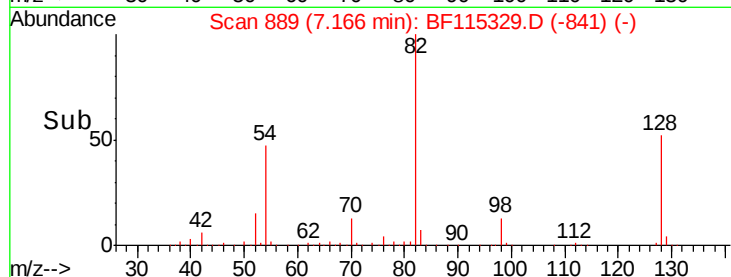
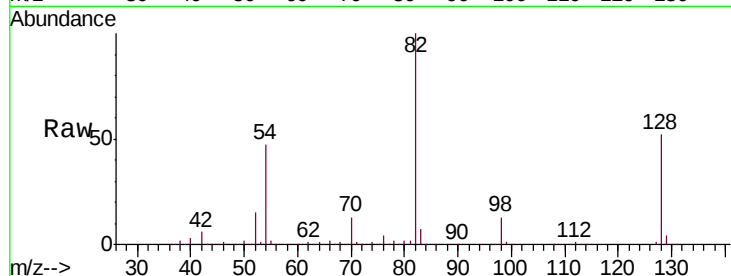
Tgt Ion: 77 Resp: 3703

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

65 34.8 10.5 15.7#



#25

Isophorone

Concen: 37.502 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

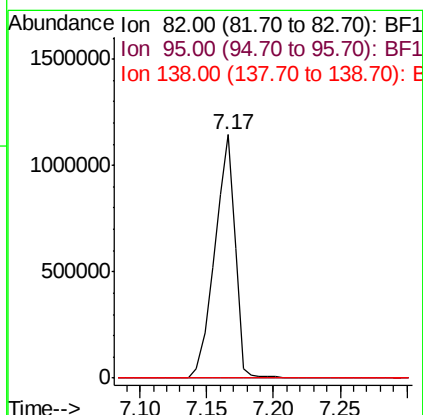
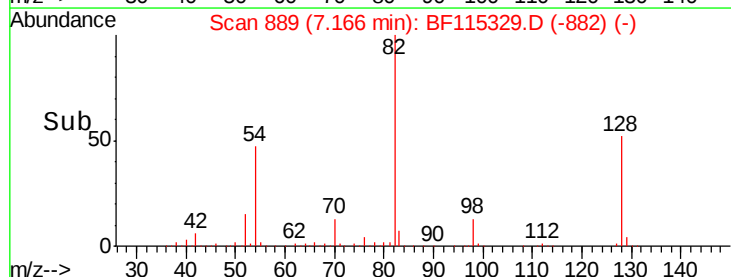
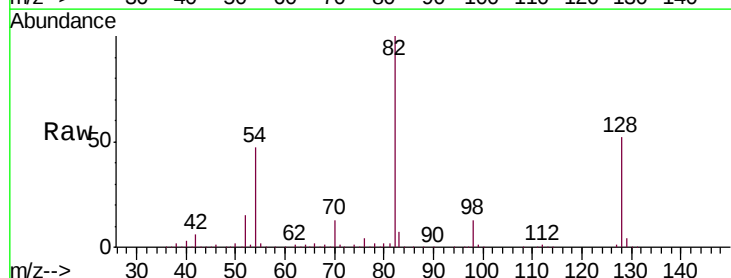
Tgt Ion: 82 Resp: 1221386

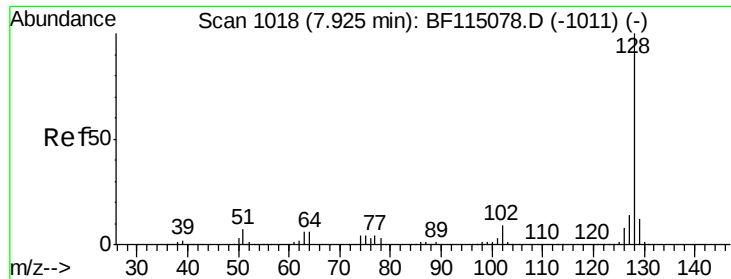
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#

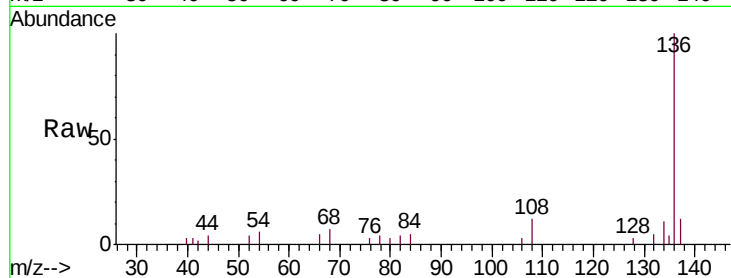




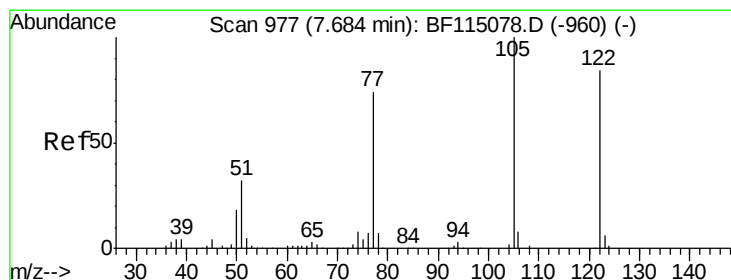
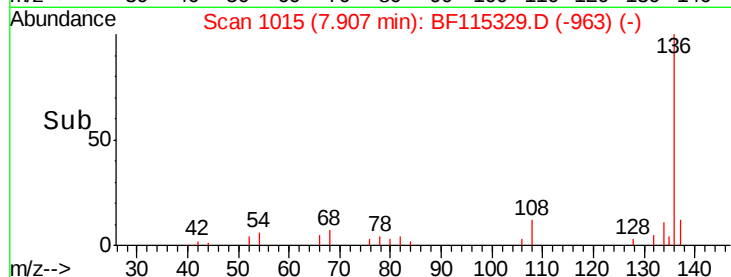
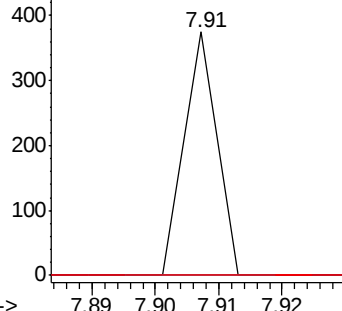
#31
Naphthalene
Concen: 0.003 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Instrument :
BNA_F
ClientSampleId :
PB121041BL

Tgt Ion:128 Resp: 132
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 11.4 17.0#

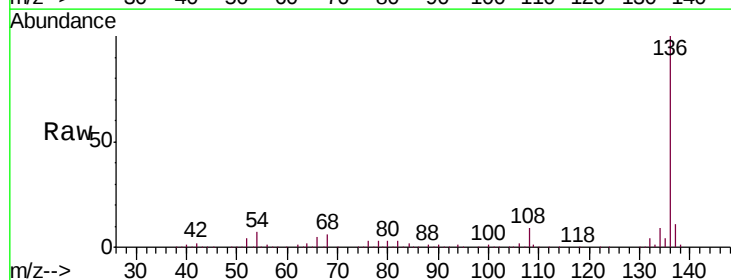


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

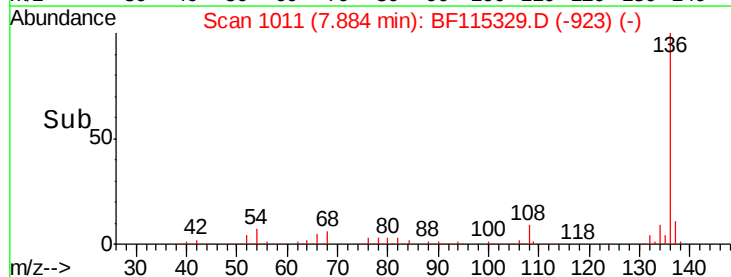
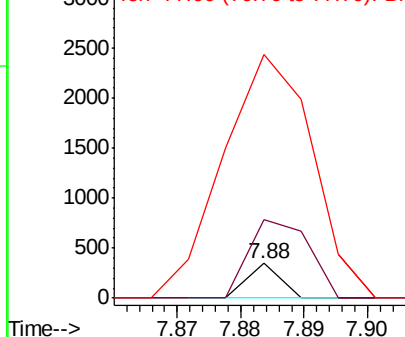


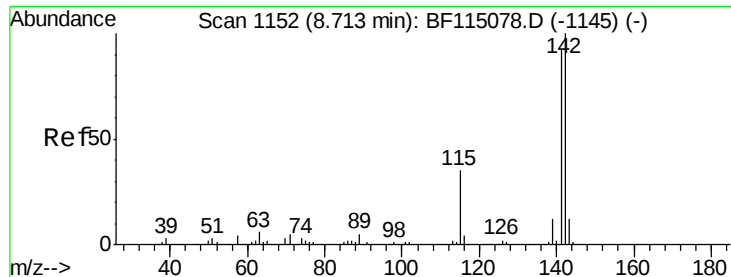
#32
Benzoic acid
Concen: 0.012 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.22 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 226.5 98.2 138.2#
77 701.7 67.0 107.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

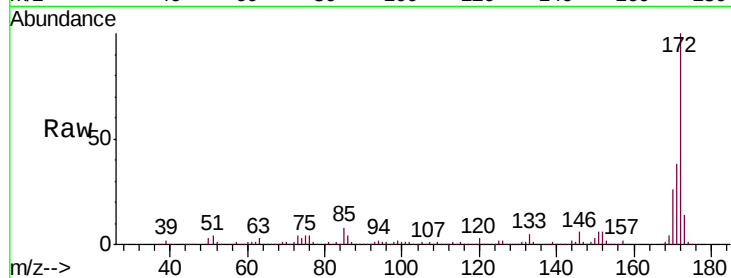




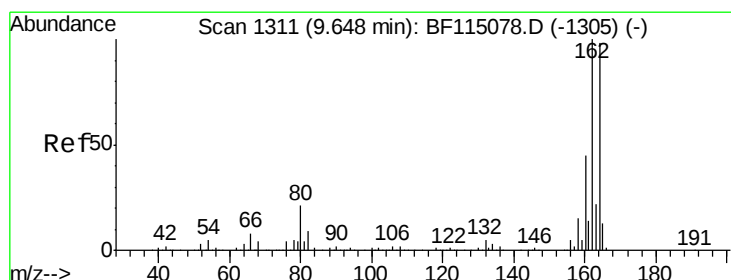
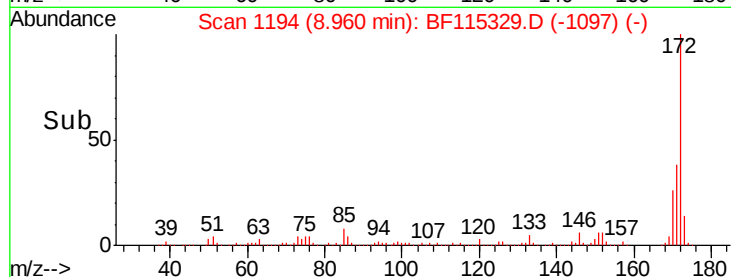
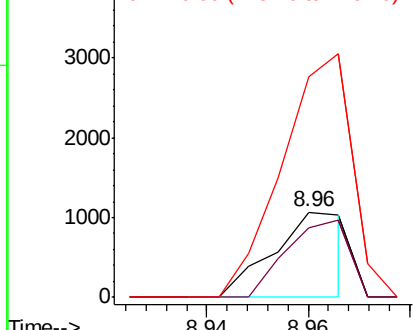
#38
1-Methylnaphthalene
Concen: 0.035 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.27 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Instrument :
BNA_F
ClientSampleId :
PB121041BL

Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
141 81.4 73.8 110.8
116 260.2 2.8 4.2#

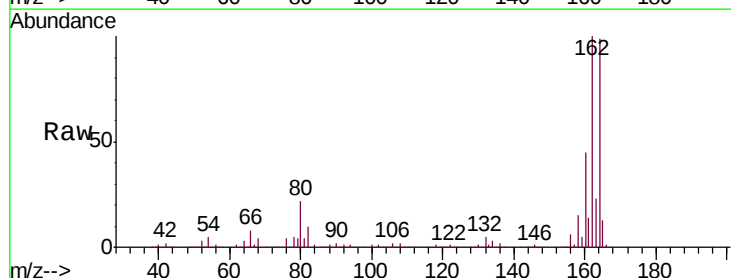


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

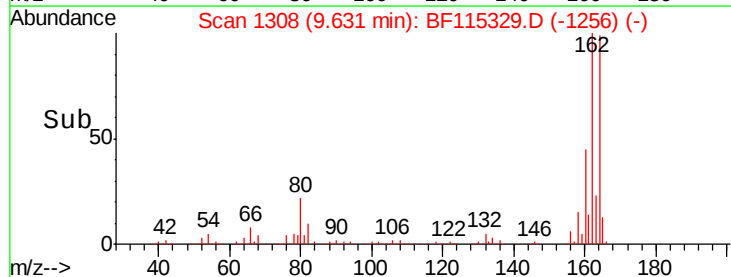
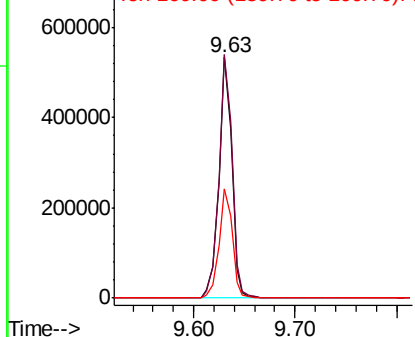


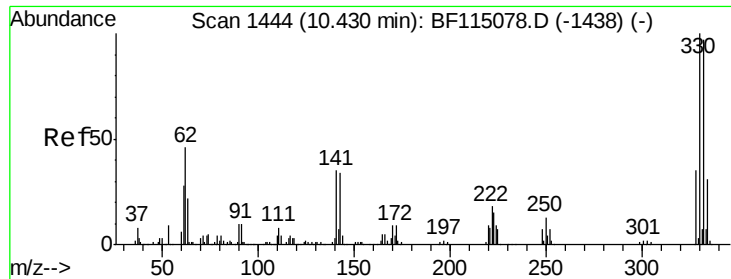
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion:164 Resp: 474904
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 45.1 37.0 55.4



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

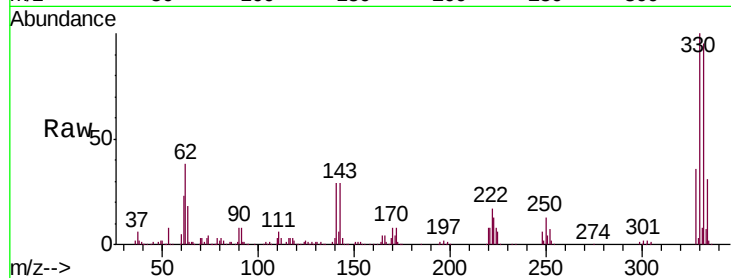




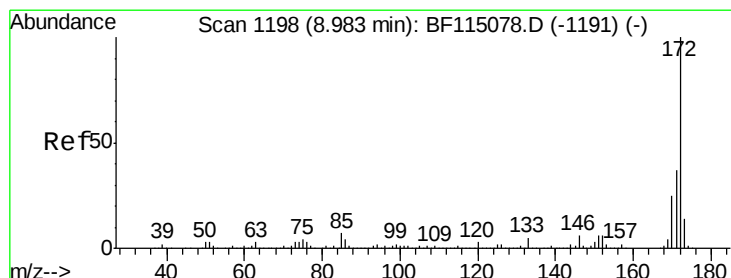
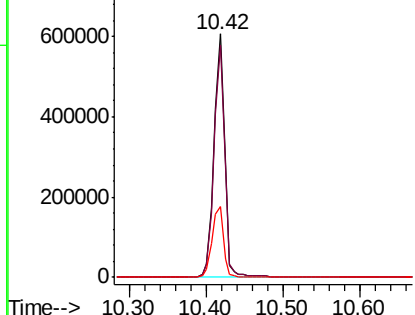
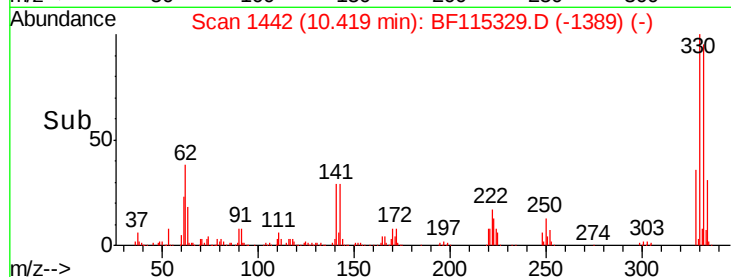
#42
 2,4,6-Tribromophenol
 Concen: 114.030 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

Tgt Ion:330 Resp: 571065
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.1 28.2 42.2

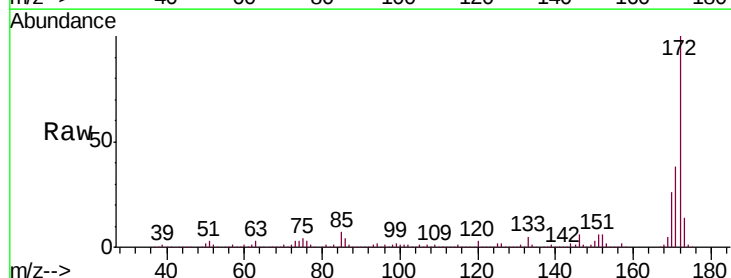


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

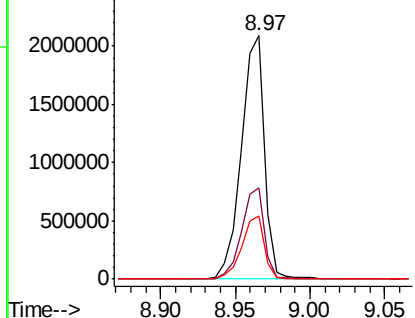
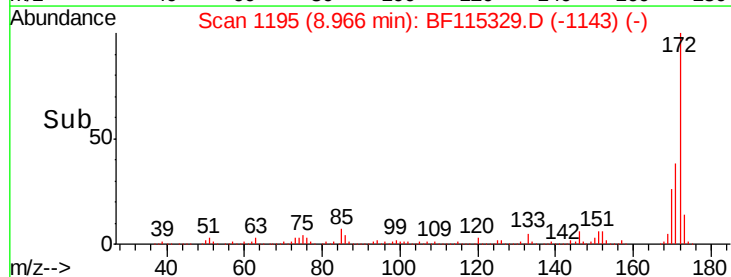


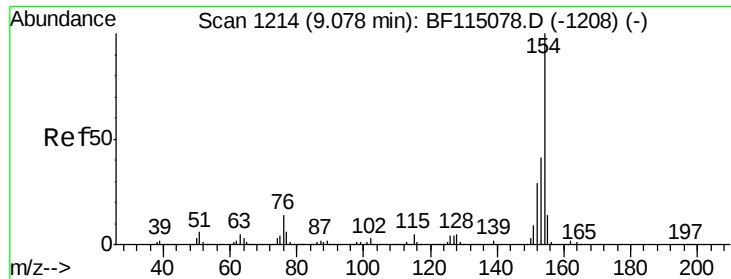
#45
 2-Fluorobiphenyl
 Concen: 80.654 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:172 Resp: 2254945
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.8 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

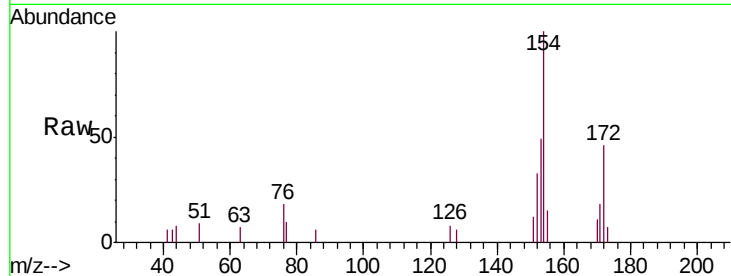




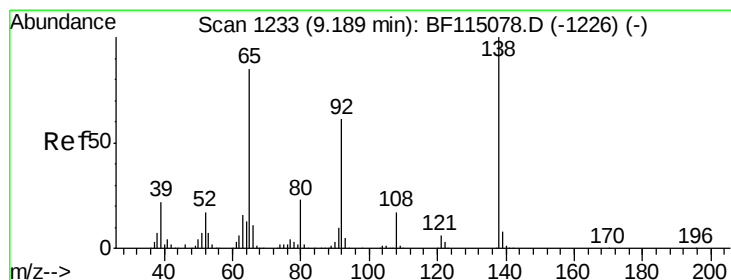
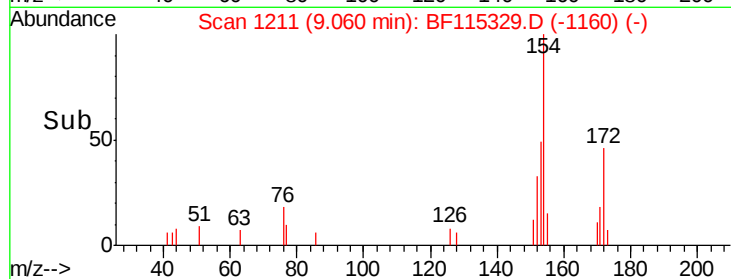
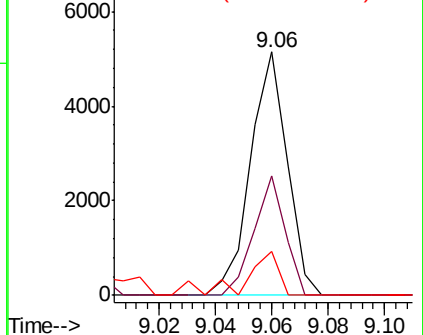
#46
1,1'-Biphenyl
Concen: 0.122 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Instrument :
BNA_F
ClientSampleId :
PB121041BL

Tgt Ion:154 Resp: 4654
Ion Ratio Lower Upper
154 100
153 49.2 20.9 60.9
76 18.0 0.0 34.1

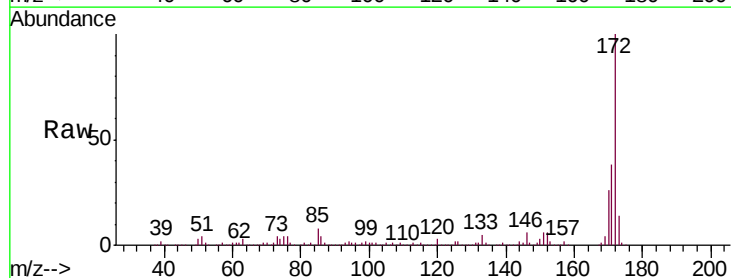


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

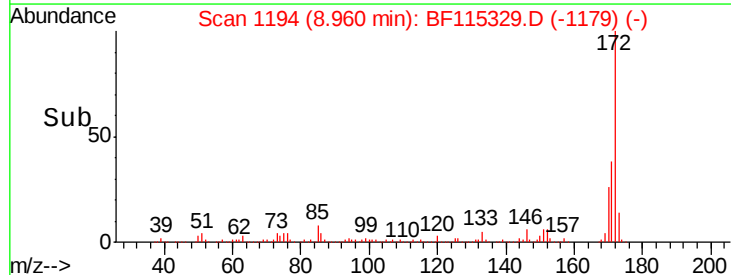
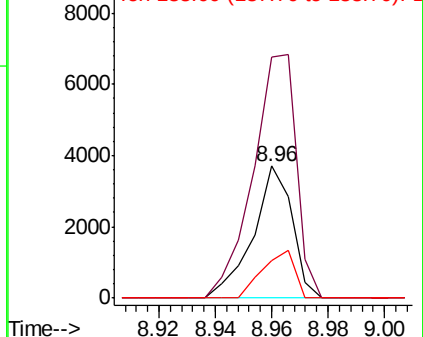


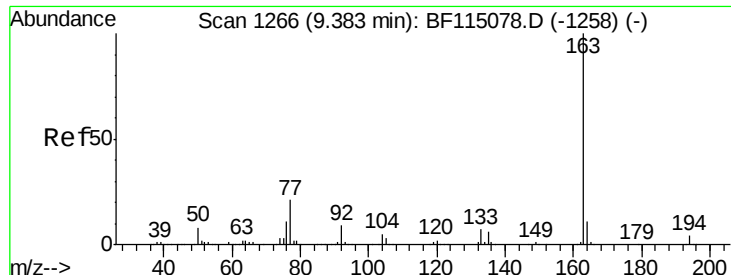
#48
2-Nitroaniline
Concen: 0.396 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.21 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion: 65 Resp: 3556
Ion Ratio Lower Upper
65 100
92 183.1 57.4 86.2#
138 28.4 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

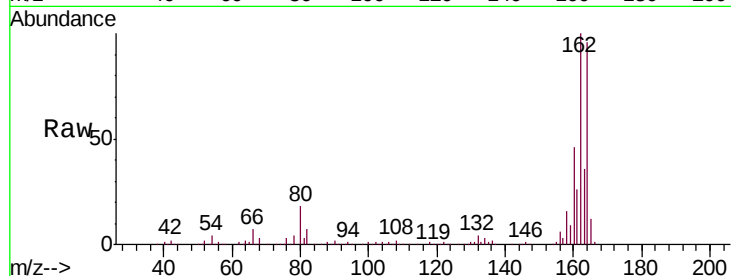




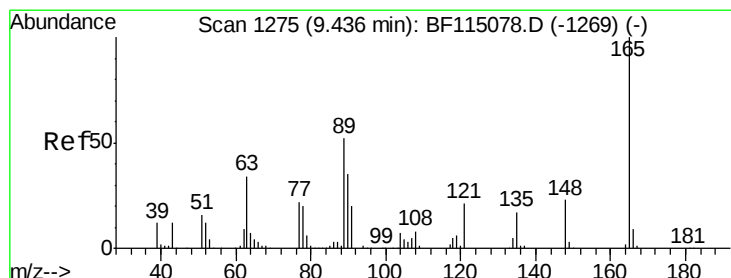
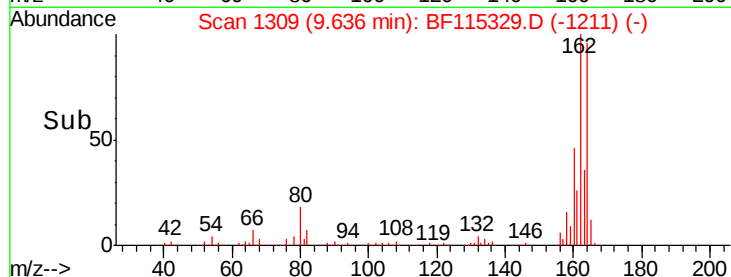
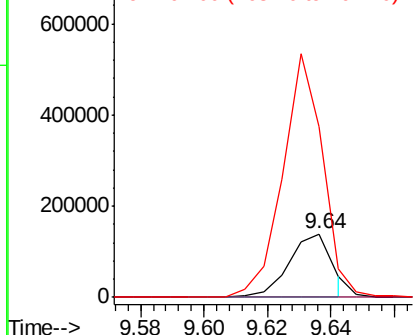
#50
Dimethylphthalate
Concen: 3.789 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.28 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Instrument :
BNA_F
ClientSampleId :
PB121041BL

Tgt Ion:163 Resp: 132371
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 268.8 8.6 13.0#

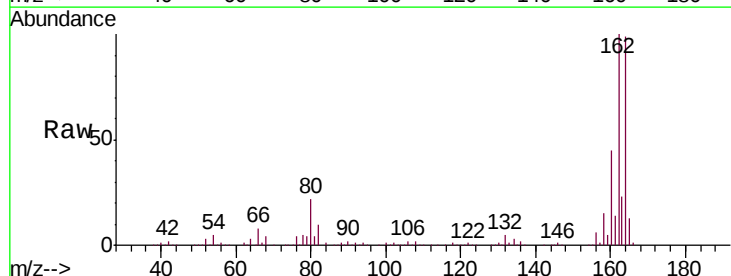


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

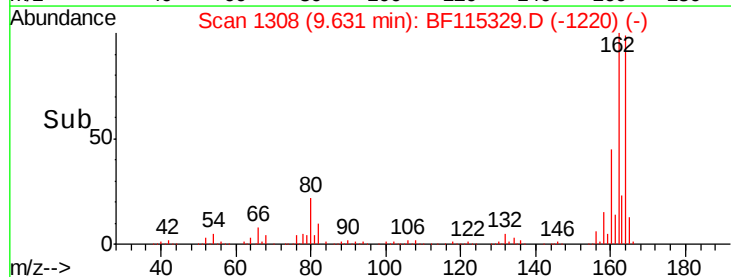
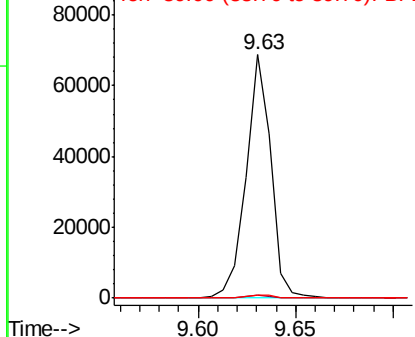


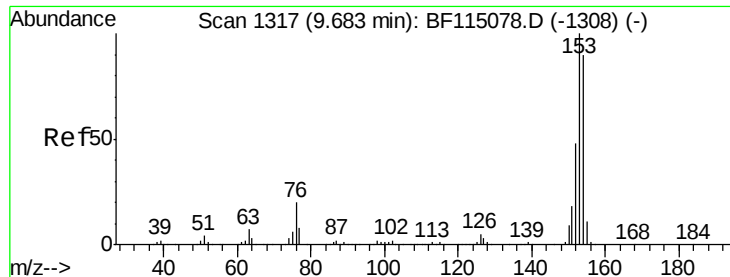
#51
2,6-Dinitrotoluene
Concen: 7.486 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.22 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion:165 Resp: 60383
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.2#
89 1.0 42.0 63.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.051 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

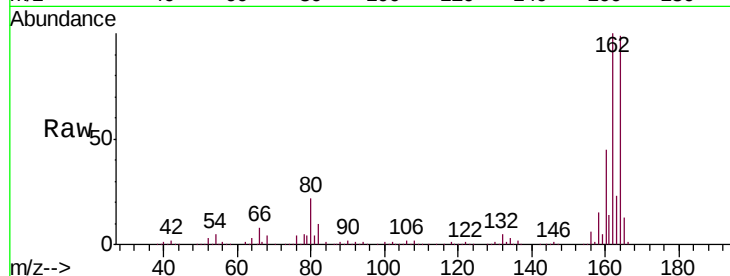
Tgt Ion:154 Resp: 1544

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

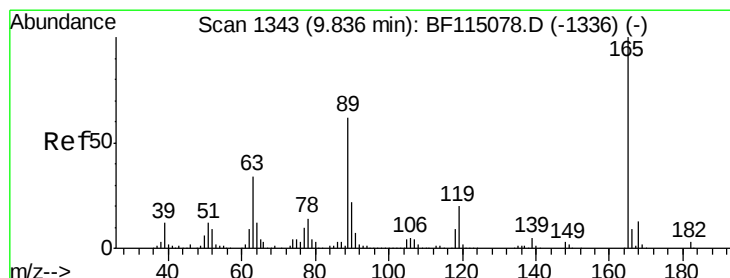
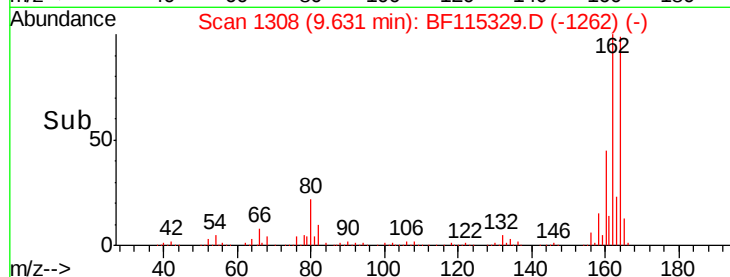
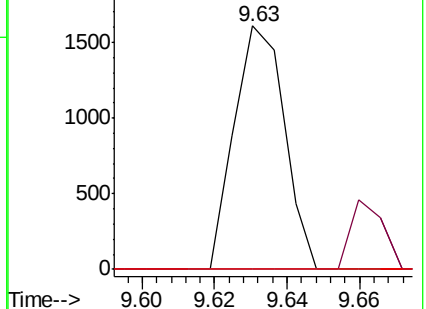
152 0.0 42.6 64.0#



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



#57

2,4-Dinitrotoluene

Concen: 5.797 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Tgt Ion:165 Resp: 60383

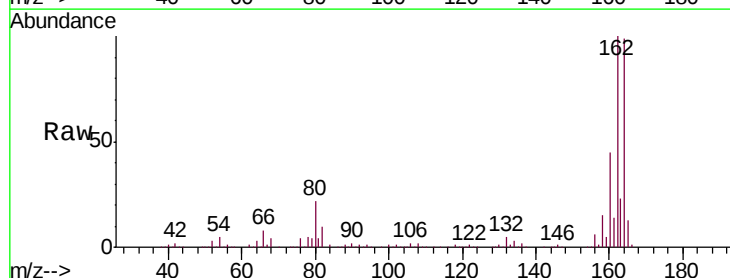
Ion Ratio Lower Upper

165 100

63 1.0 27.5 41.3#

89 1.0 49.9 74.9#

182 0.0 2.1 3.1#

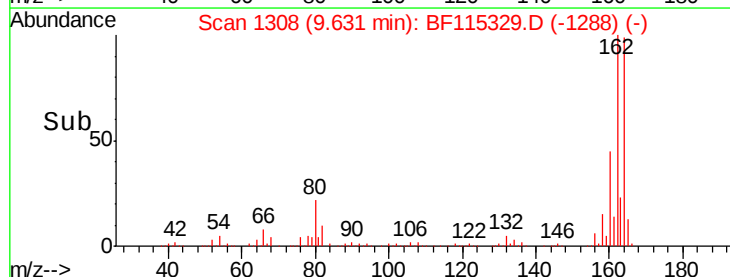
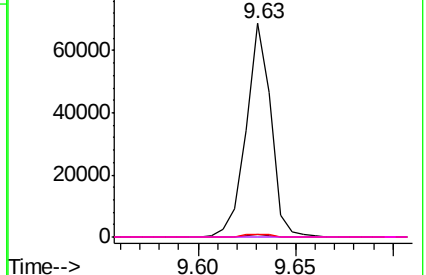


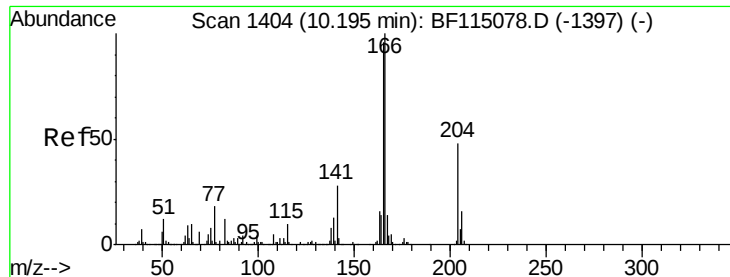
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

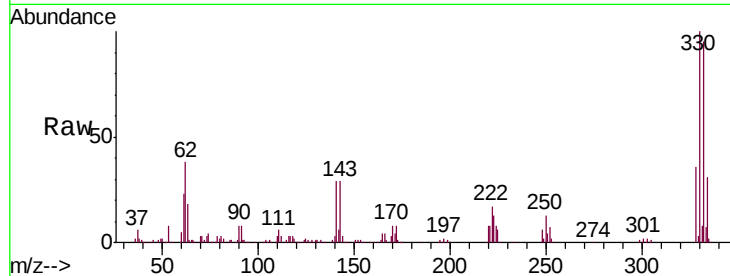




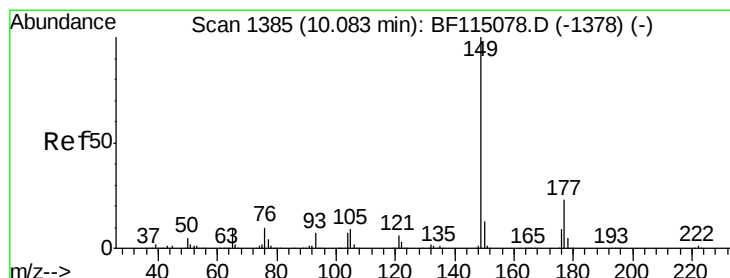
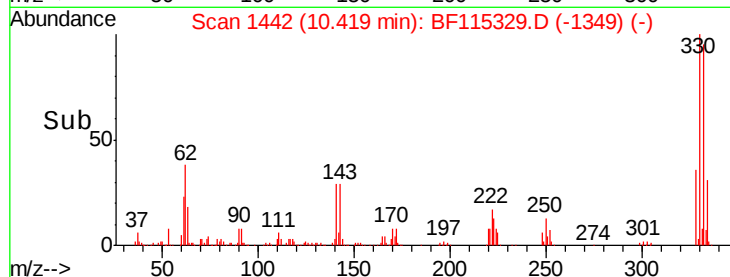
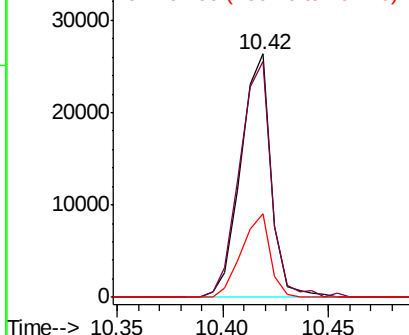
#58
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.25 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

Tgt Ion:	166	Resp:	26289
Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.5	114.7
167	34.3	11.0	16.4#

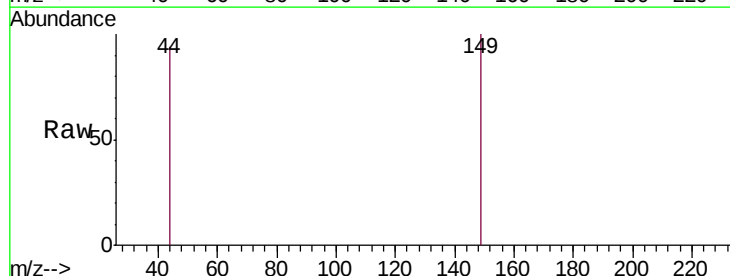


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

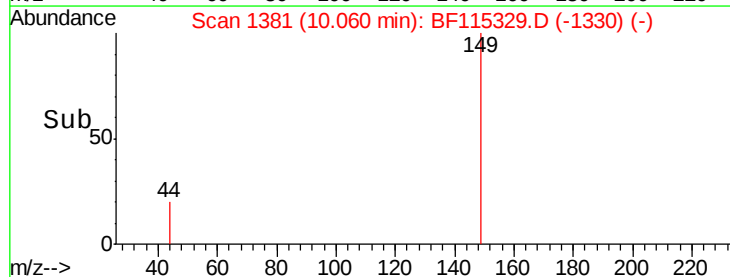
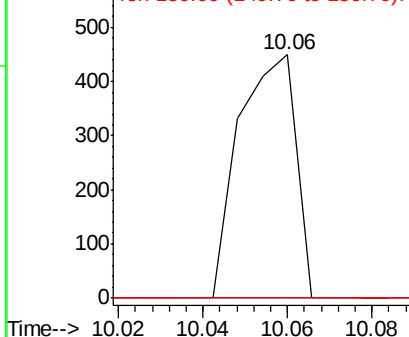


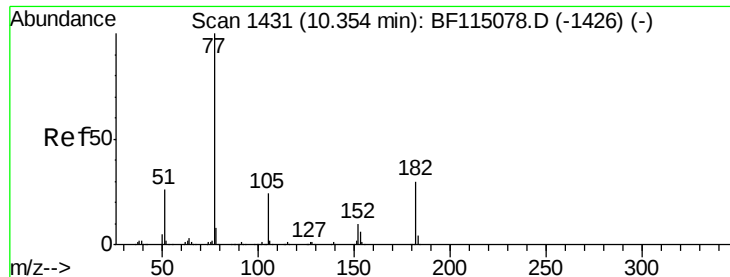
#60
 Diethylphthalate
 Concen: 0.012 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:	149	Resp:	420
Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.7	28.1#
150	0.0	10.4	15.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

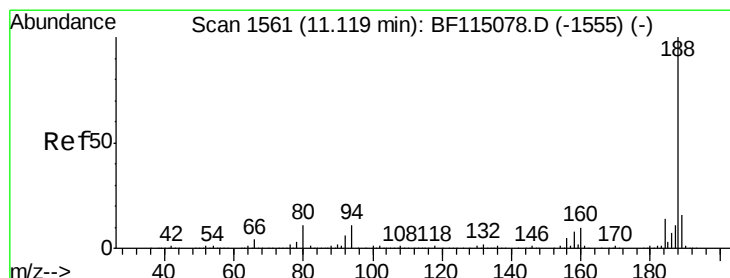
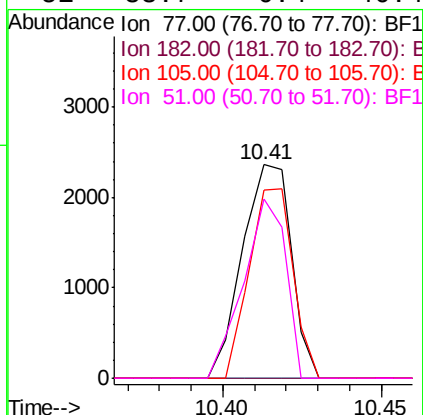
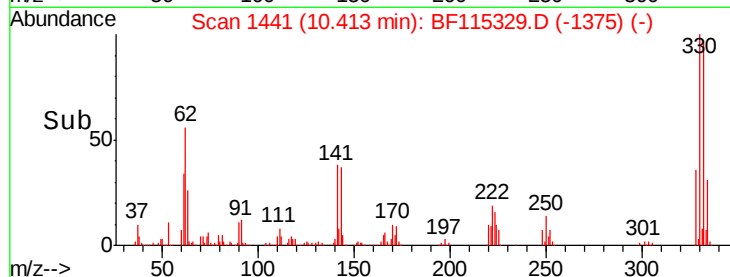
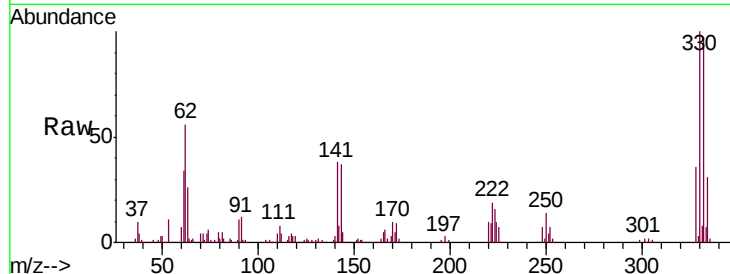




#63
Azobenzene
Concen: 0.077 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.09 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

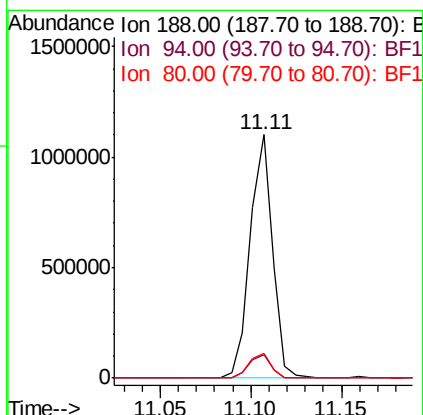
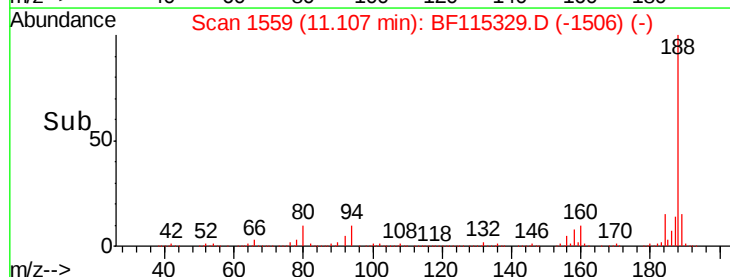
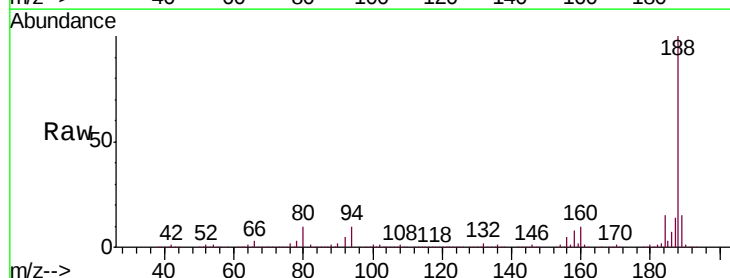
Instrument :
BNA_F
ClientSampleId :
PB121041BL

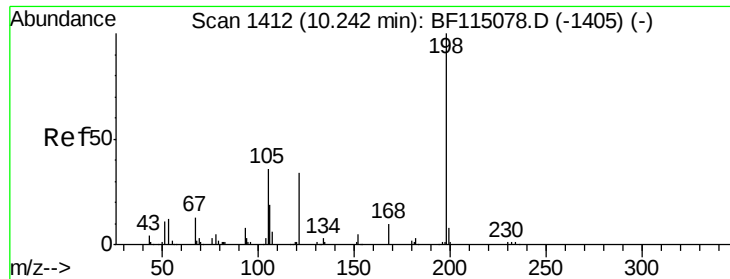
Tgt Ion: 77 Resp: 2534
Ion Ratio Lower Upper
77 100
182 0.0 10.1 50.1#
105 87.8 4.5 44.5#
51 83.7 6.4 46.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion: 188 Resp: 948391
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.0 8.8 13.2

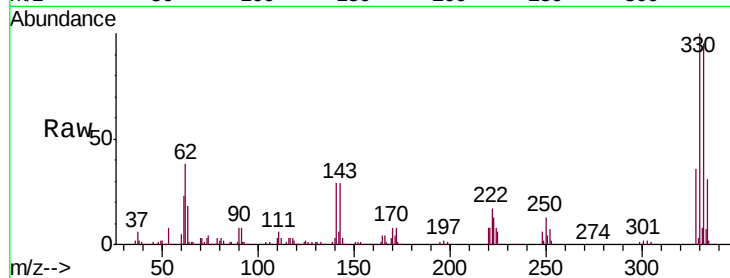




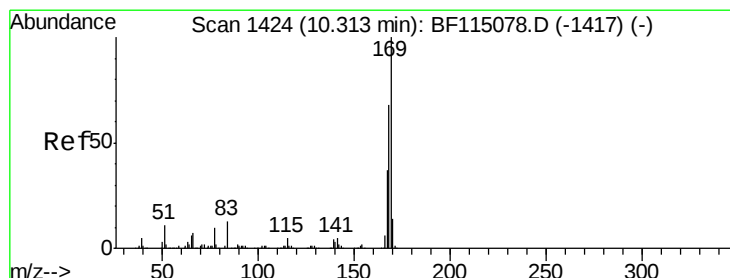
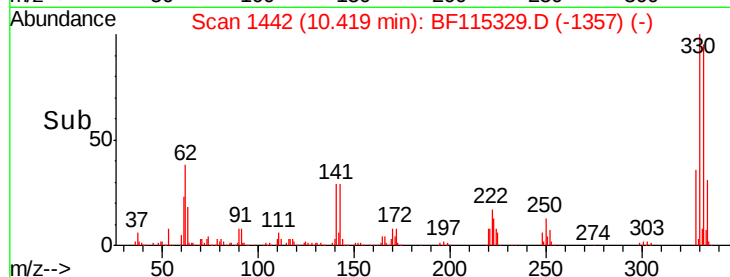
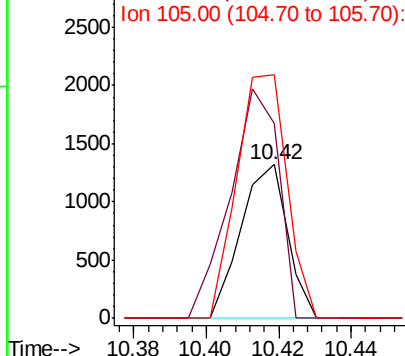
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.169 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.20 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

Tgt Ion:198 Resp: 1175
 Ion Ratio Lower Upper
 198 100
 51 126.9 11.0 51.0#
 105 158.6 17.3 57.3#

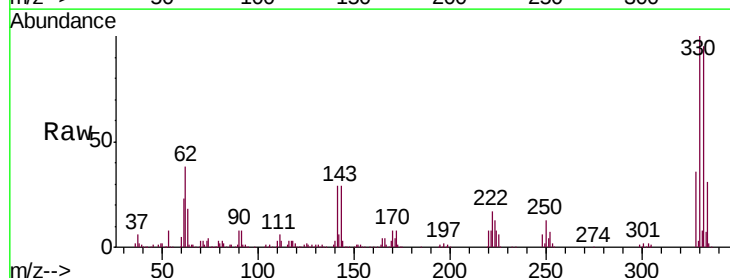


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

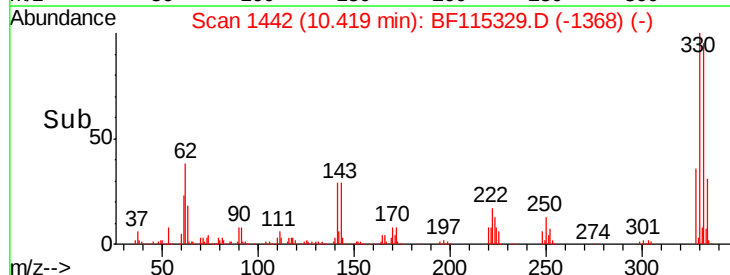
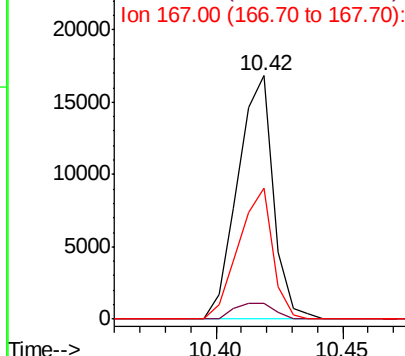


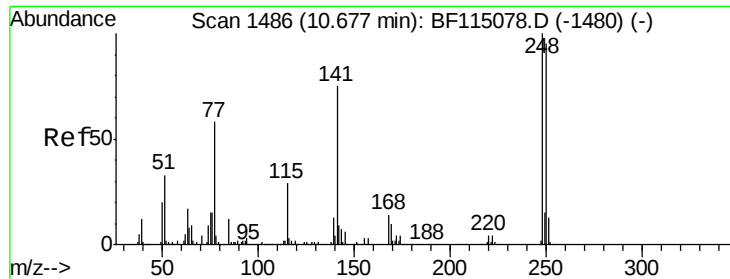
#66
 n-Nitrosodiphenylamine
 Concen: 0.555 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.14 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:169 Resp: 16408
 Ion Ratio Lower Upper
 169 100
 168 6.3 54.2 81.4#
 167 53.8 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

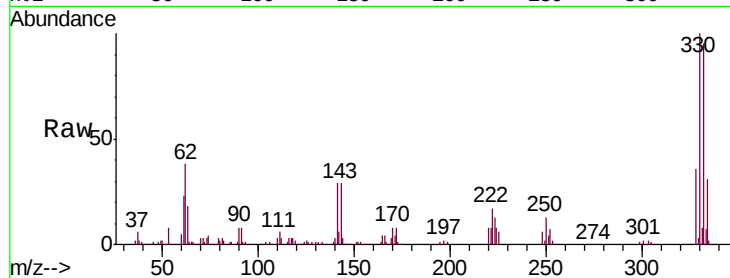




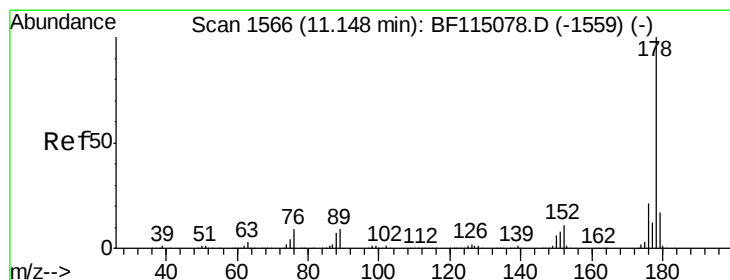
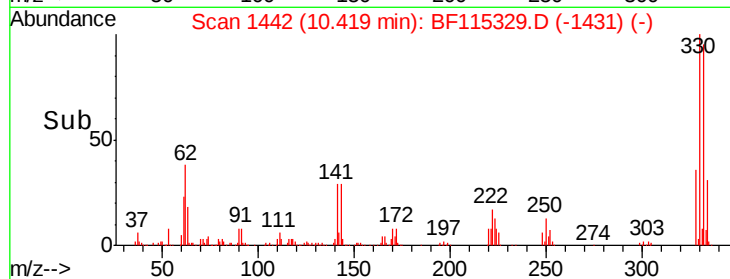
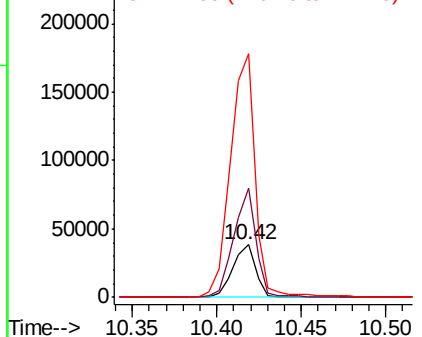
#67
 4-Bromophenyl-phenylether
 Concen: 3.584 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

Tgt Ion:248 Resp: 36848
 Ion Ratio Lower Upper
 248 100
 250 208.2 76.2 114.2#
 141 462.8 59.6 89.4#

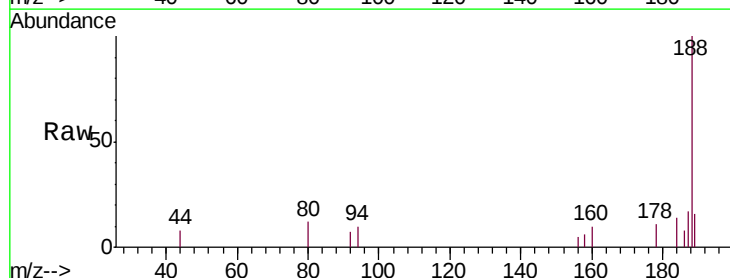


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

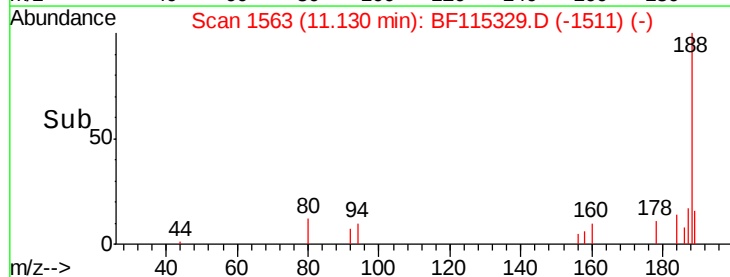
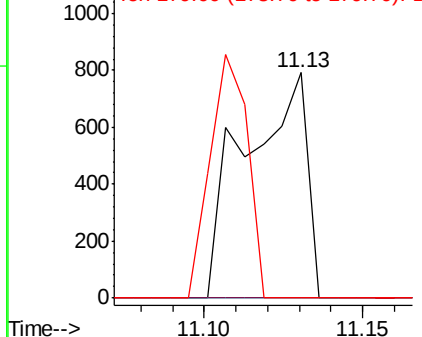


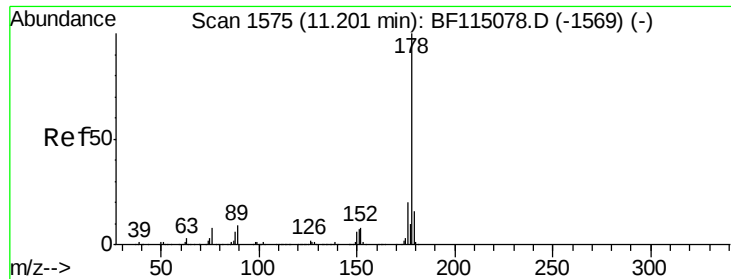
#71
 Phenanthrene
 Concen: 0.021 ng
 RT: 11.13 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:178 Resp: 1071
 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

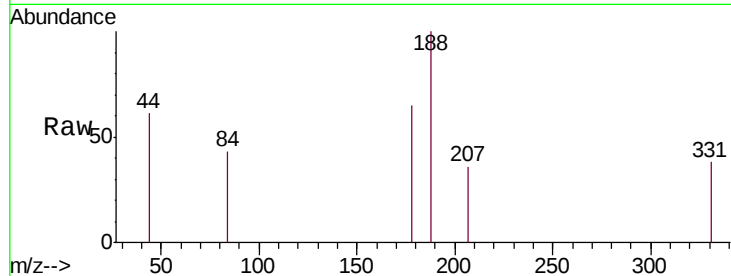




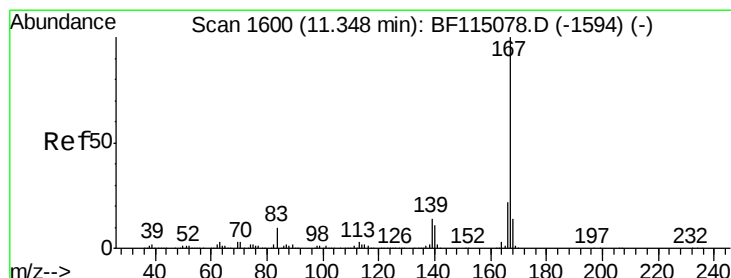
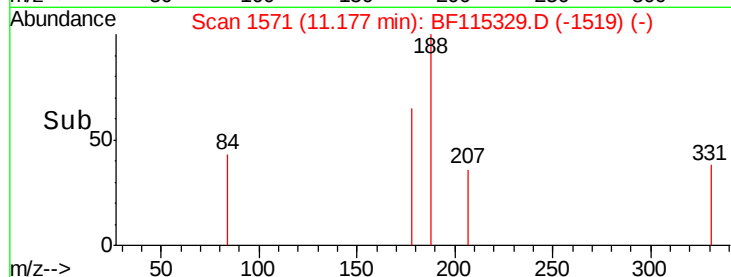
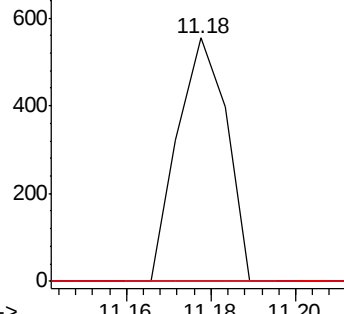
#72
 Anthracene
 Concen: 0.009 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

Tgt Ion:178 Resp: 450
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.1 24.1#
 179 0.0 12.9 19.3#

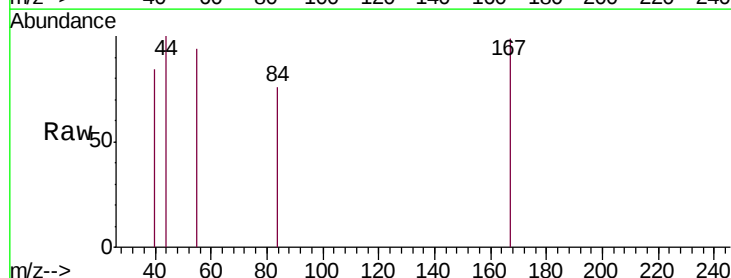


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

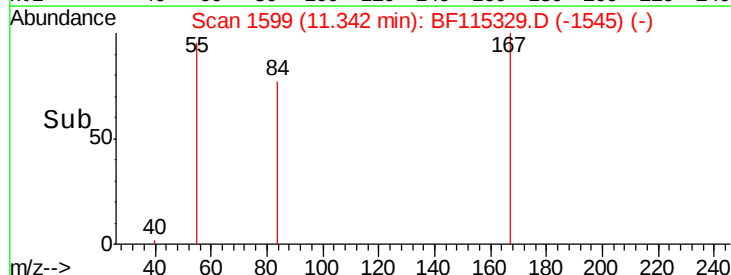
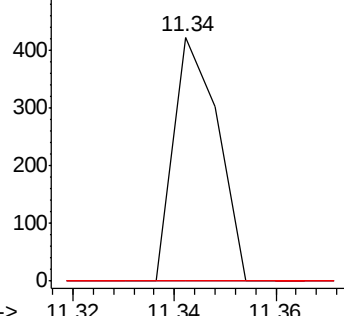


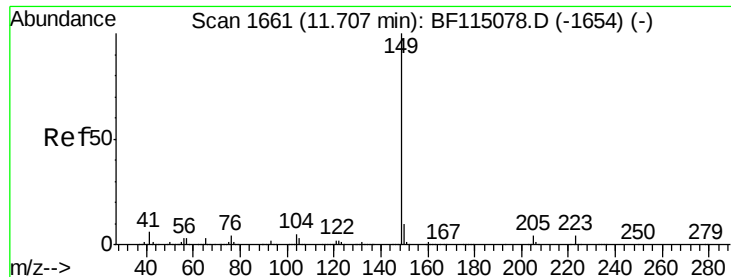
#73
 Carbazole
 Concen: 0.006 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. 0.02 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:167 Resp: 257
 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





#74

Di-n-butylphthalate

Concen: 0.027 ng

RT: 11.68 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

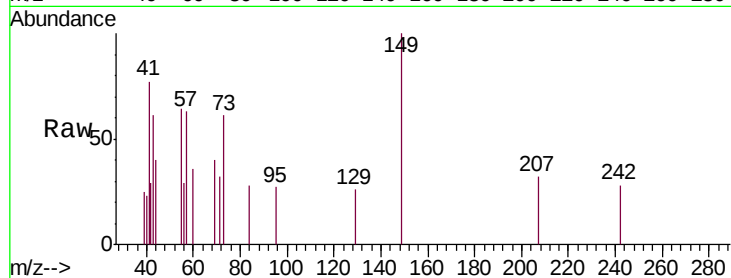
Tgt Ion:149 Resp: 1422

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.8#

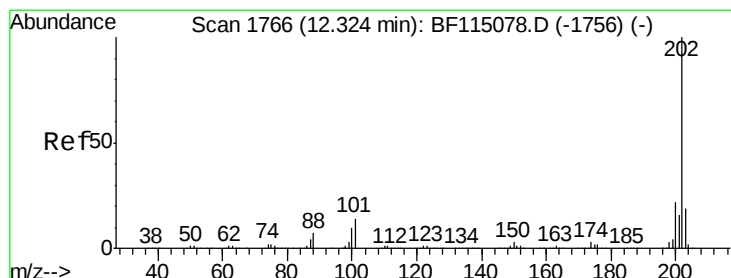
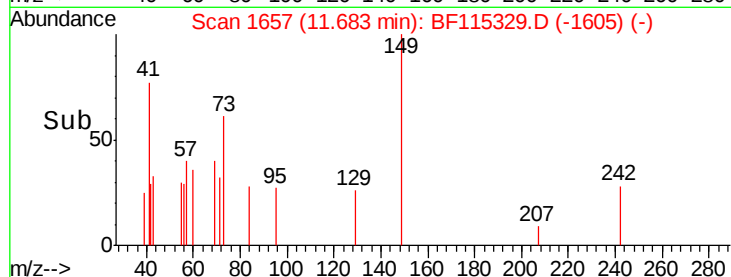
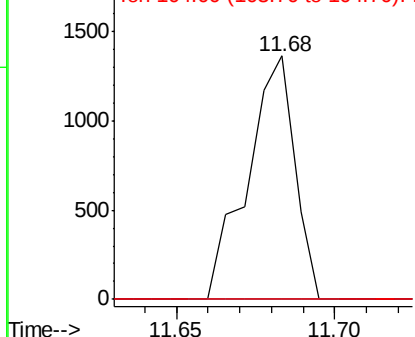
104 0.0 3.7 5.5#



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: 0.016 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

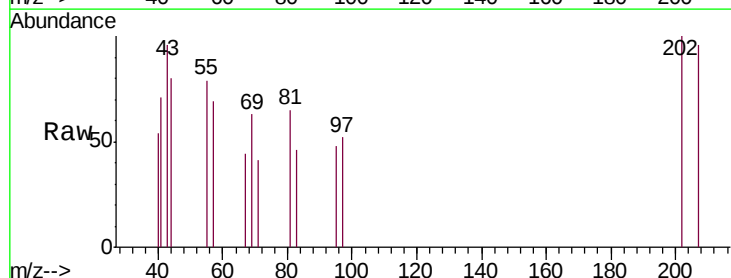
Tgt Ion:202 Resp: 795

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.0

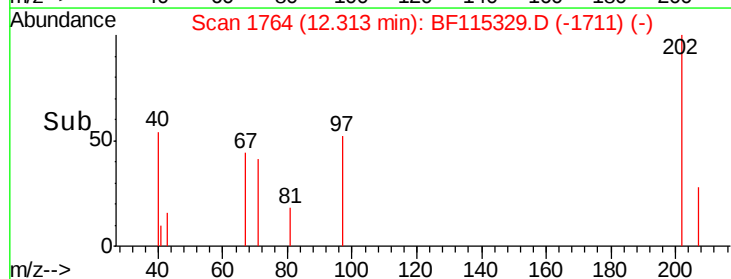
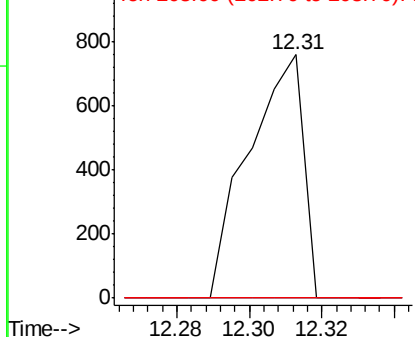
203 0.0 0.0 38.8

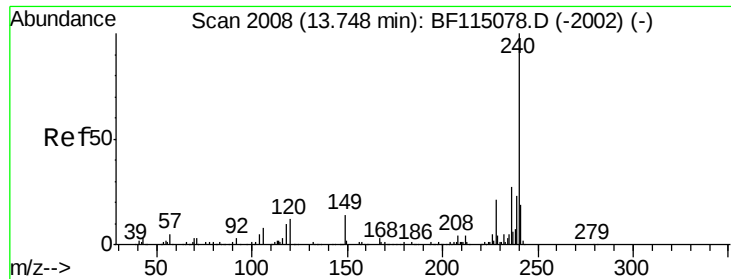


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

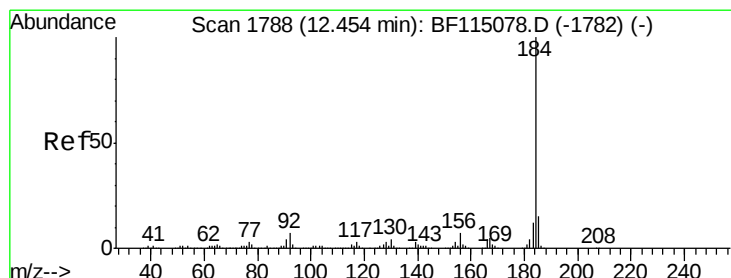
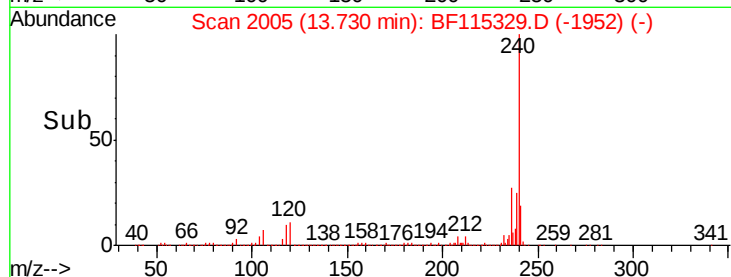
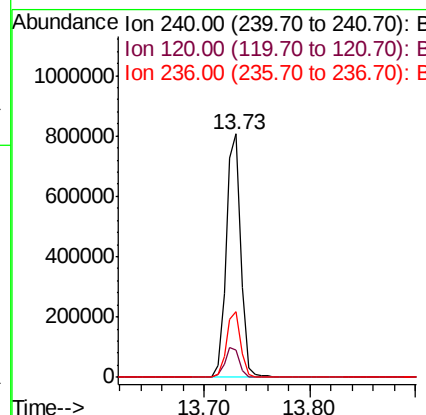
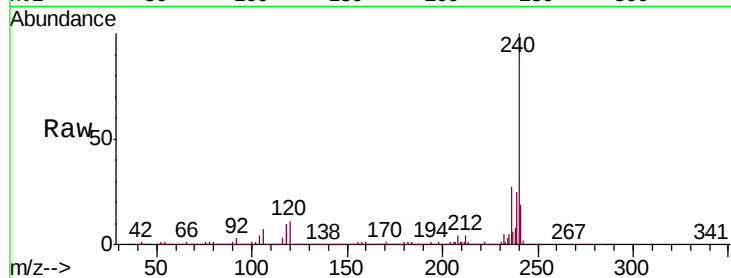




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

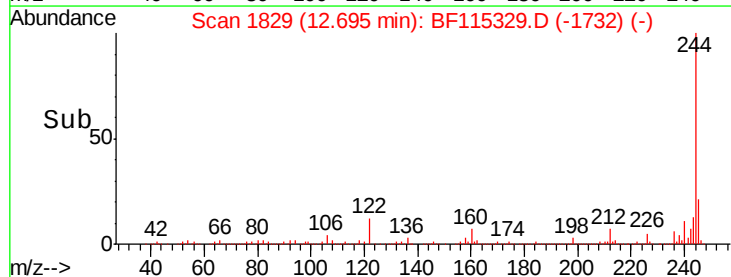
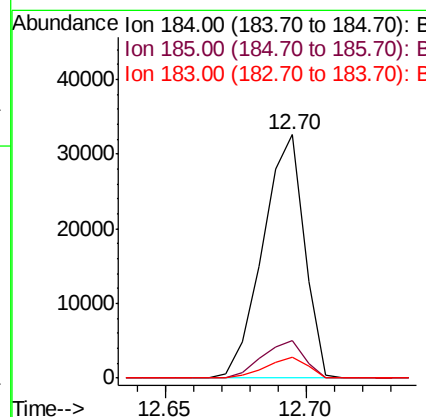
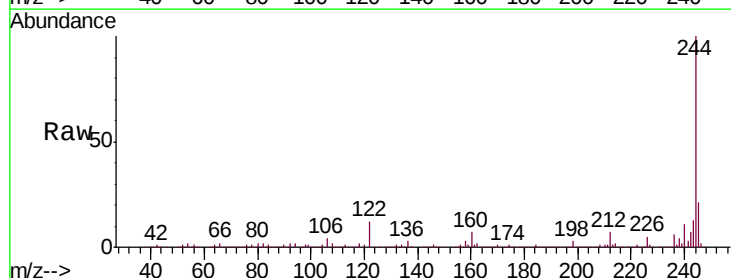
Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

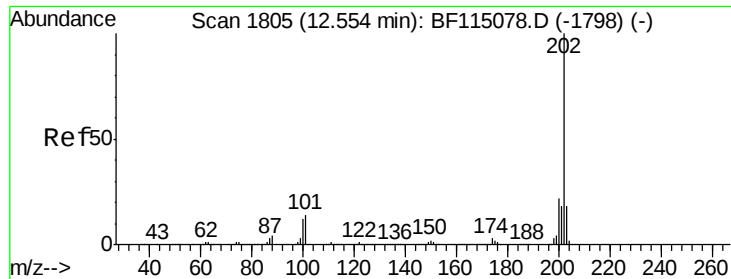
Tgt Ion:240 Resp: 780959
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.4 14.2
 236 27.2 21.7 32.5



#77
 Benzidine
 Concen: 0.957 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. 0.27 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:184 Resp: 33200
 Ion Ratio Lower Upper
 184 100
 185 15.3 12.2 18.2
 183 8.5 9.6 14.4#





#78

Pyrene

Concen: 0.018 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

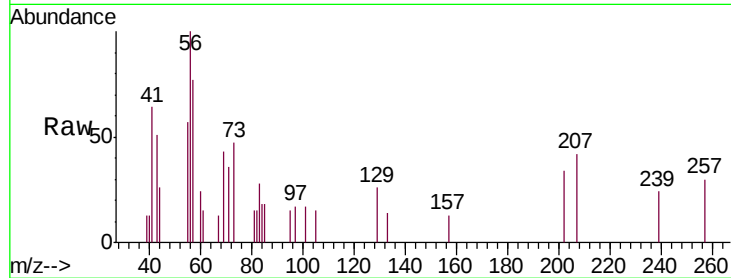
Tgt Ion: 202 Resp: 1090

Ion Ratio Lower Upper

202 100

200 0.0 17.9 26.9#

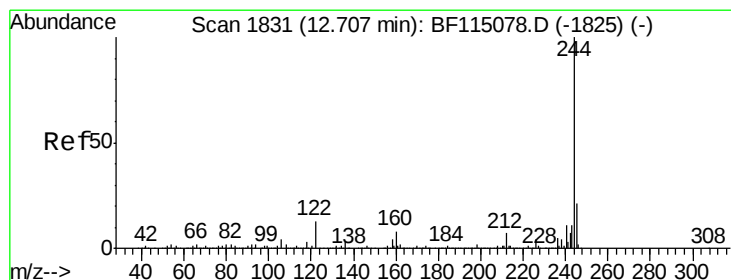
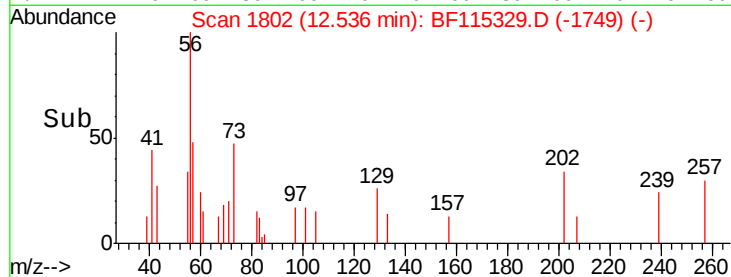
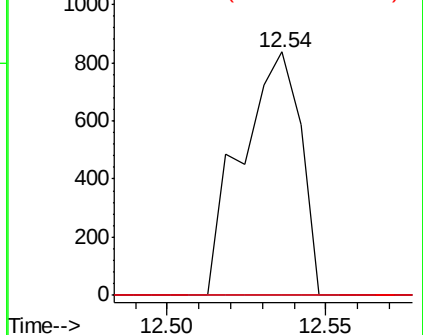
203 0.0 14.6 21.8#



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: 70.563 ng

RT: 12.70 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

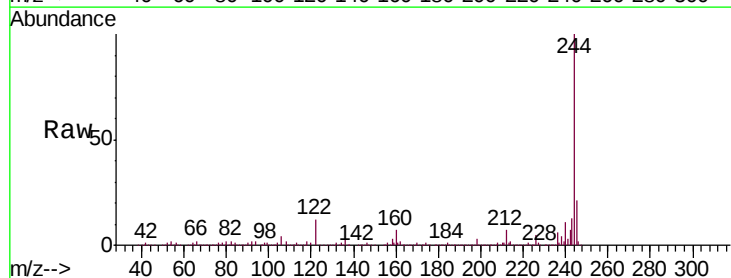
Tgt Ion: 244 Resp: 2591863

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

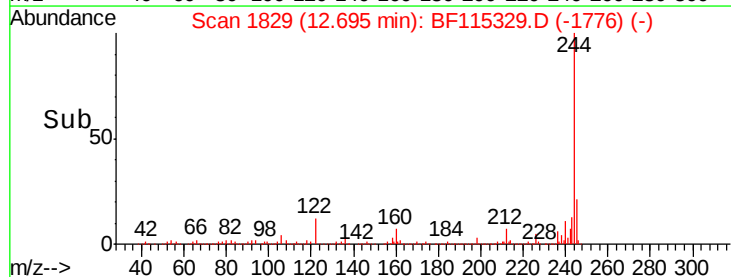
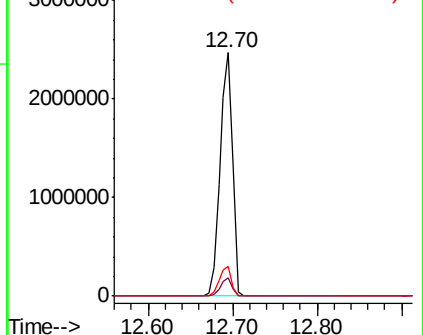
122 12.0 10.4 15.6

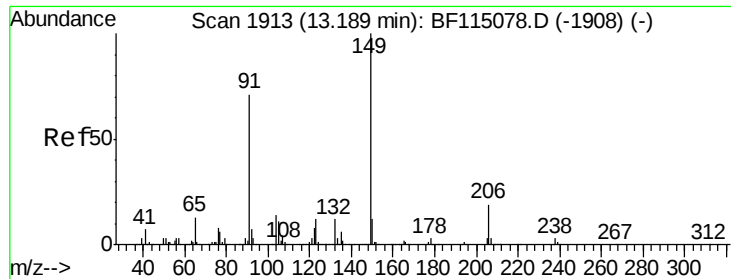


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

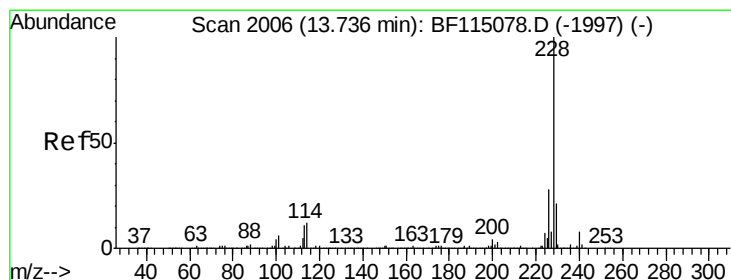
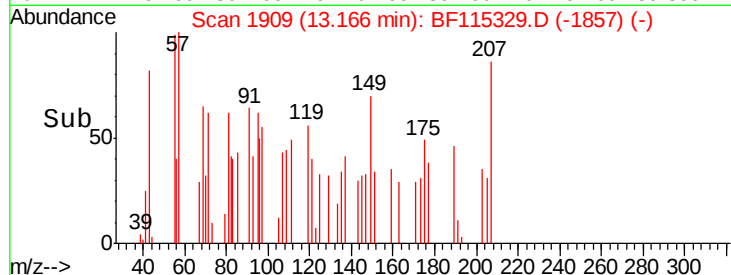
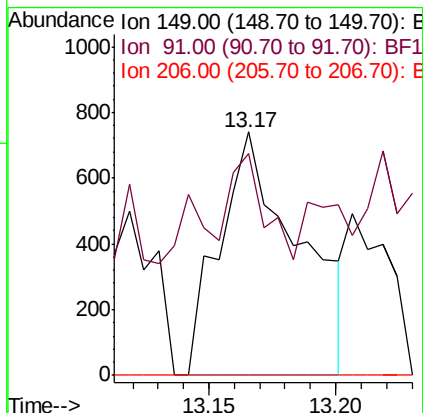
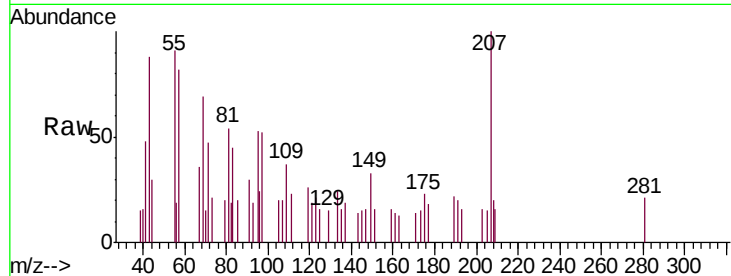




#80
Butylbenzylphthalate
Concen: 0.060 ng
RT: 13.17 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

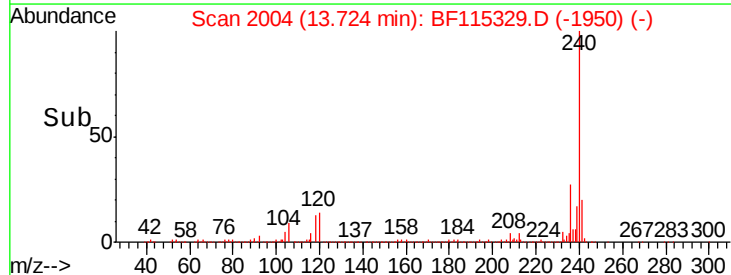
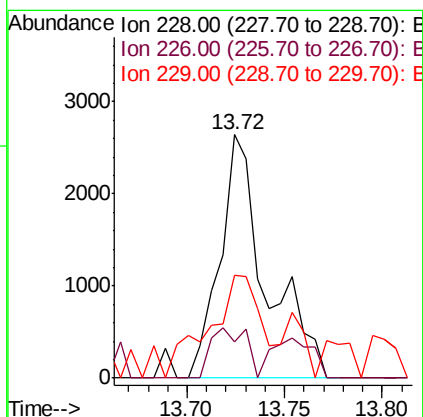
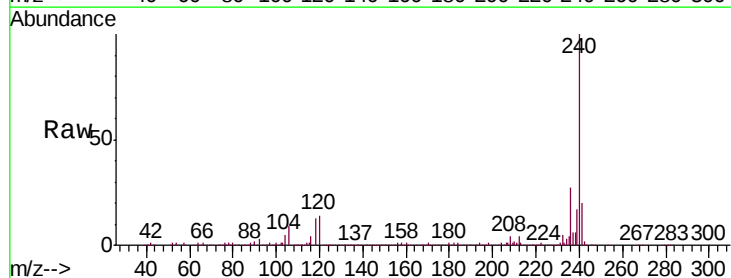
Instrument :
BNA_F
ClientSampleId :
PB121041BL

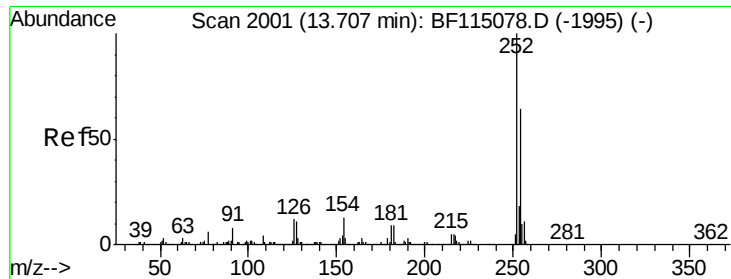
Tgt Ion:149 Resp: 1597
Ion Ratio Lower Upper
149 100
91 91.2 56.5 84.7#
206 0.0 15.3 22.9#



#81
Benzo(a)anthracene
Concen: 0.078 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion:228 Resp: 4347
Ion Ratio Lower Upper
228 100
226 15.1 22.5 33.7#
229 42.1 16.6 24.8#

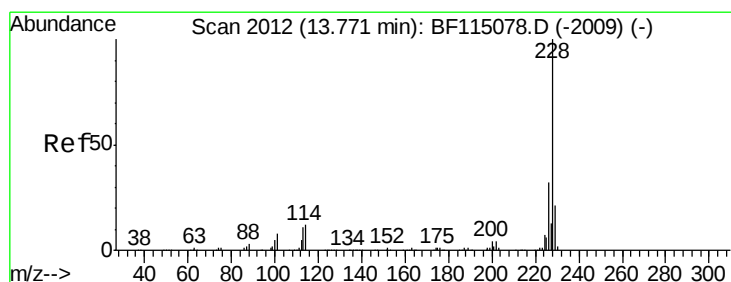
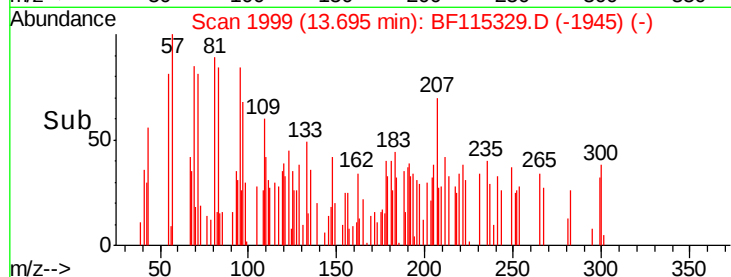
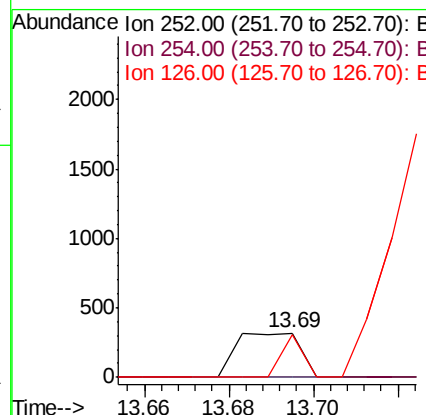
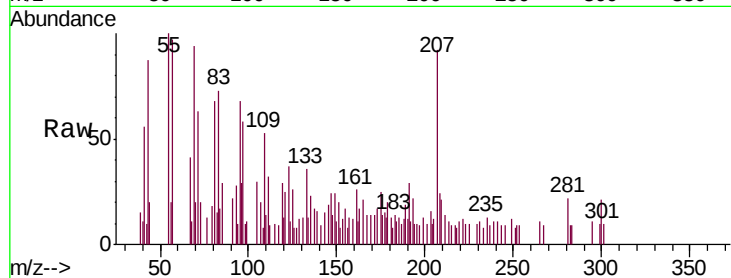




#82
 3,3'-Dichlorobenzidine
 Concen: 0.016 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. 0.02 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

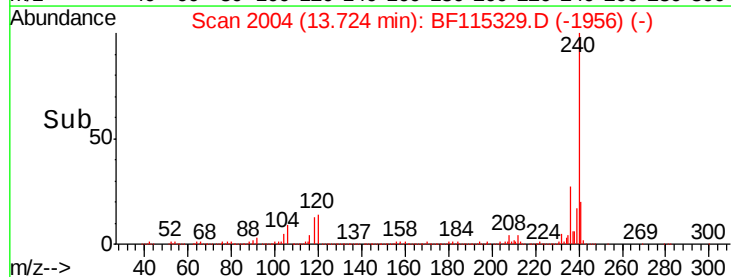
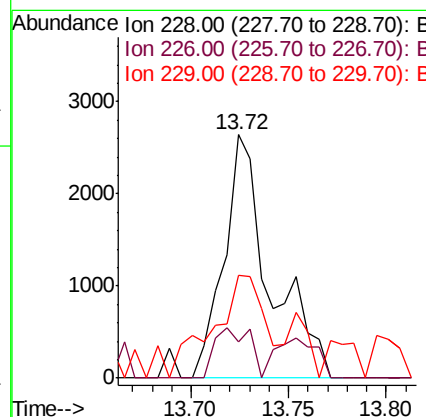
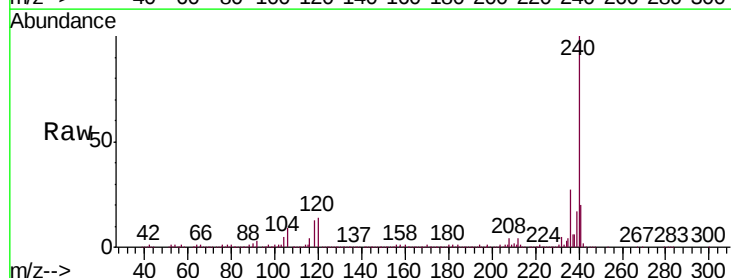
Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

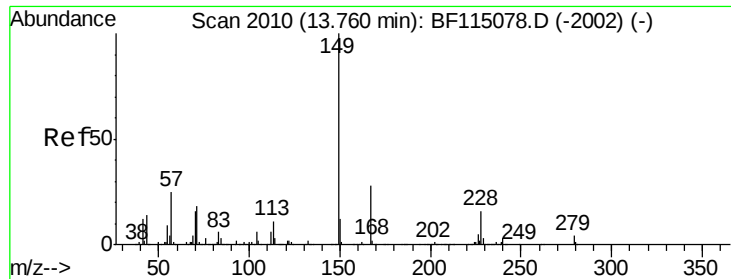
Tgt Ion:252 Resp: 332
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.1 76.7#
 126 96.9 9.4 14.0#



#83
 Chrysene
 Concen: 0.085 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:228 Resp: 4347
 Ion Ratio Lower Upper
 228 100
 226 15.1 25.4 38.0#
 229 42.1 16.5 24.7#

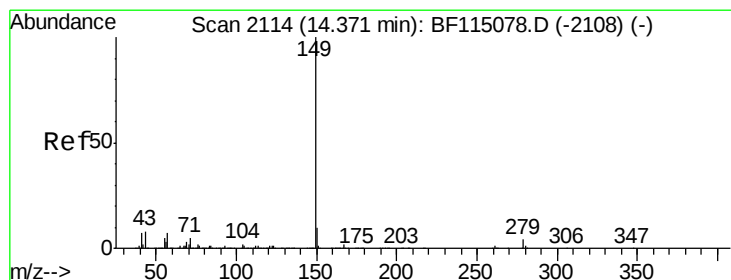
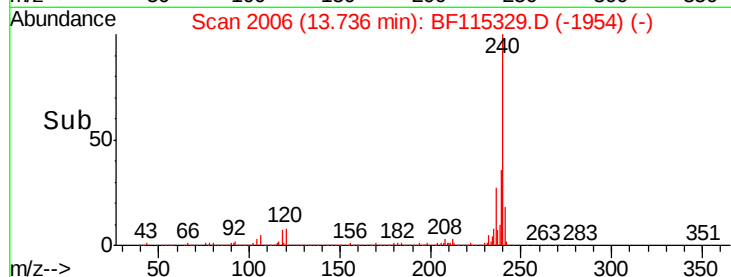
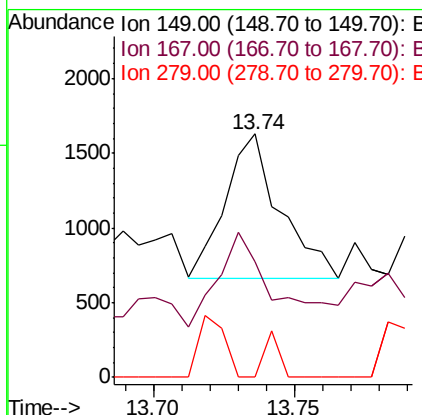
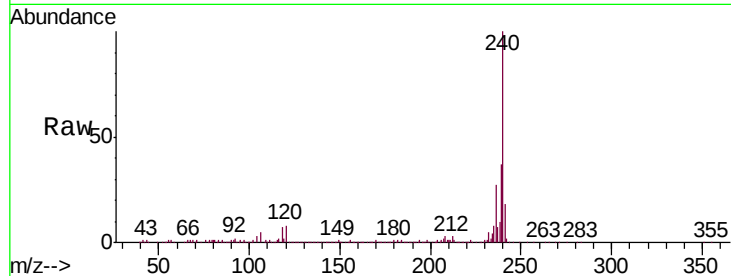




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

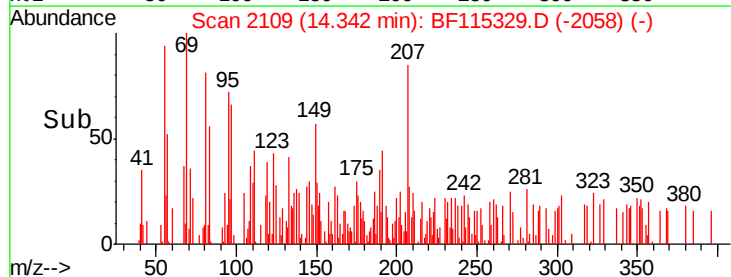
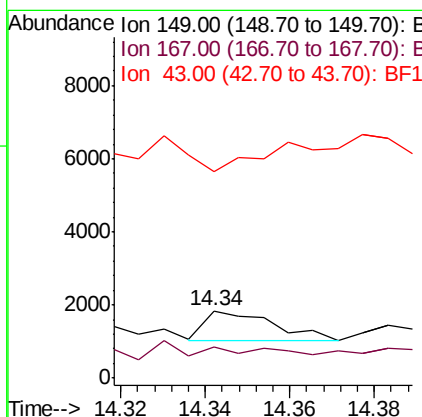
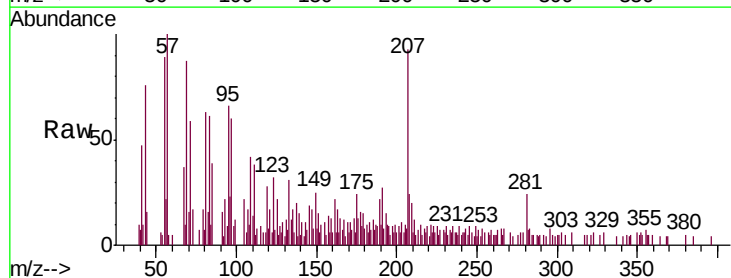
Instrument :
 BNA_F
 ClientSampleId :
 PB121041BL

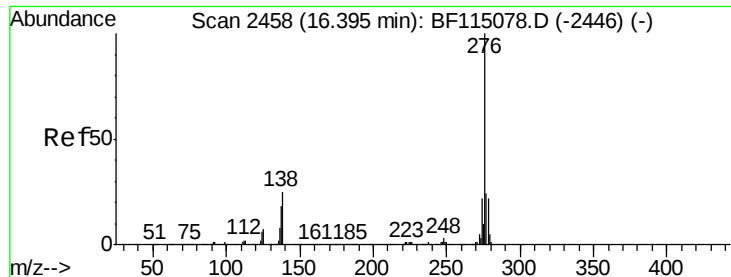
Tgt Ion:149 Resp: 1292
 Ion Ratio Lower Upper
 149 100
 167 47.5 22.2 33.4#
 279 0.0 2.9 4.3#



#85
 Di-n-octyl phthalate
 Concen: 0.015 ng
 RT: 14.34 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BF115329.D
 Acq: 1 Jul 2019 10:30

Tgt Ion:149 Resp: 892
 Ion Ratio Lower Upper
 149 100
 167 71.5 1.2 1.8#
 43 0.0 7.0 10.6#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.012 ng

RT: 16.38 min Scan# 2455

Delta R.T. 0.02 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

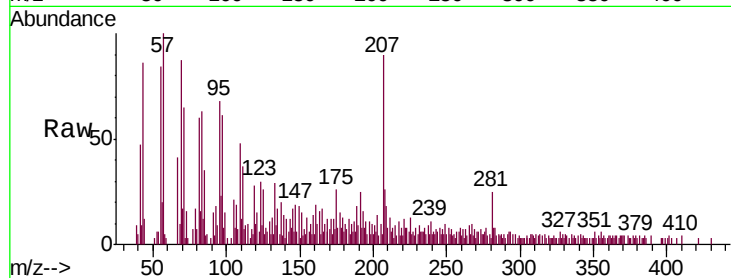
Tgt Ion:276 Resp: 740

Ion Ratio Lower Upper

276 100

138 20.8 23.2 34.8#

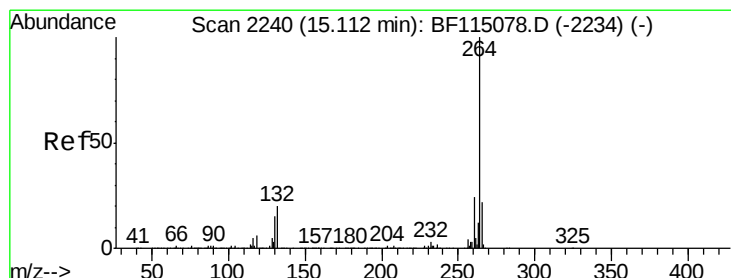
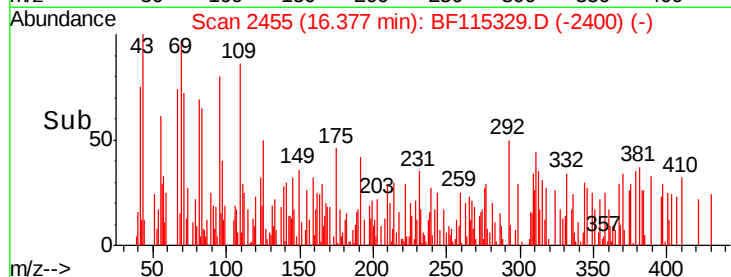
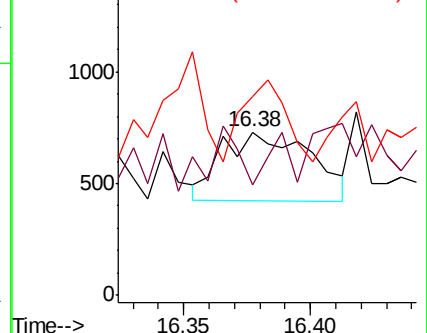
277 62.7 20.1 30.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. 0.02 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

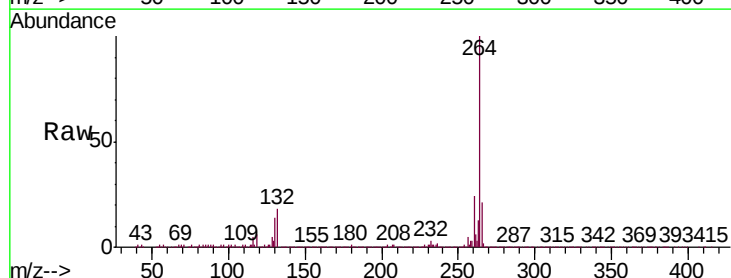
Tgt Ion:264 Resp: 845473

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

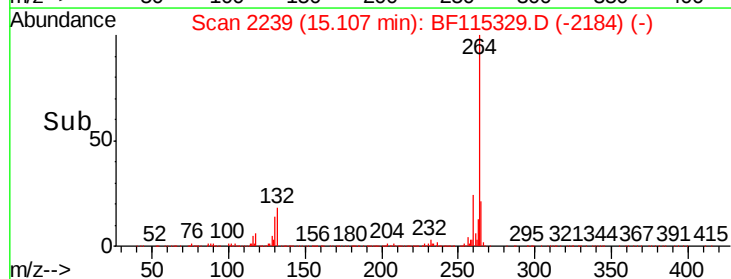
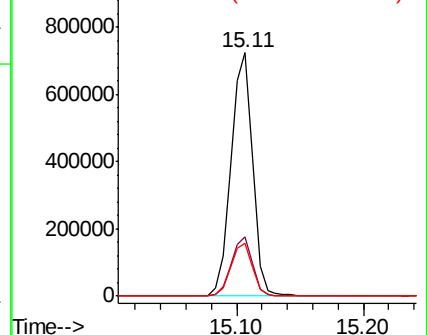
265 21.5 17.3 25.9

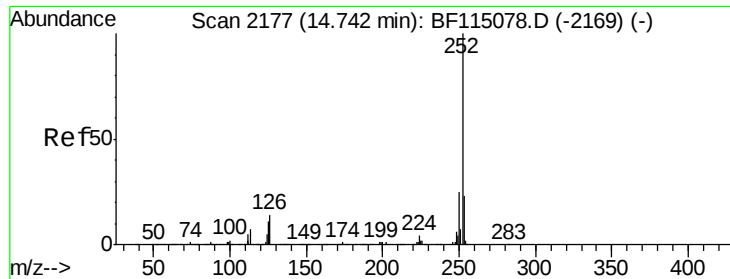


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

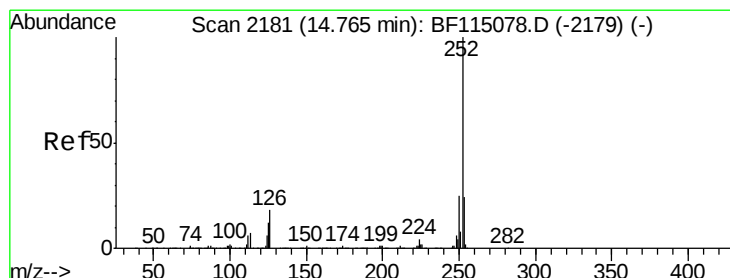
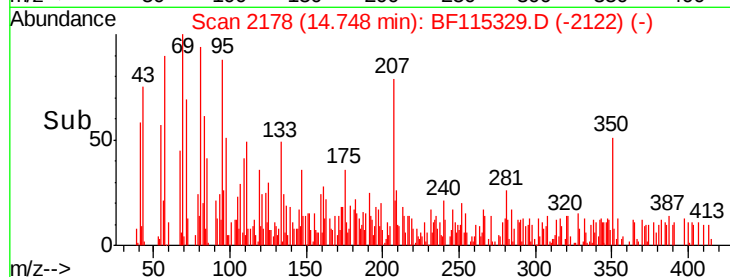
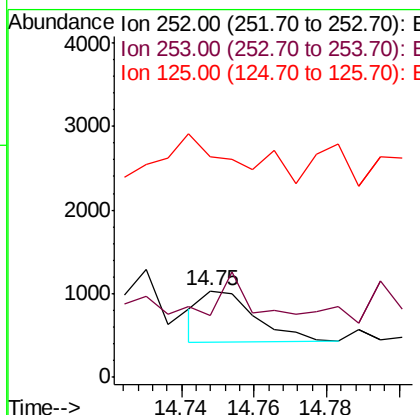
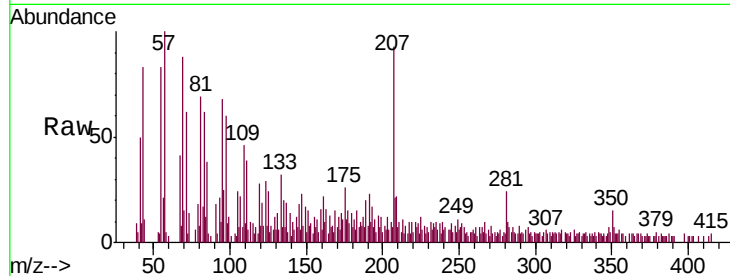




#88
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.03 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

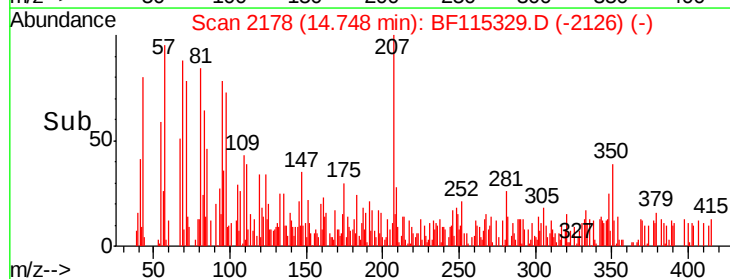
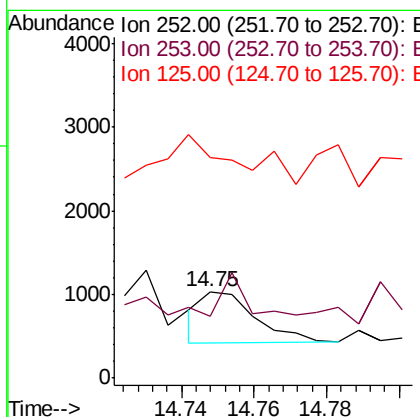
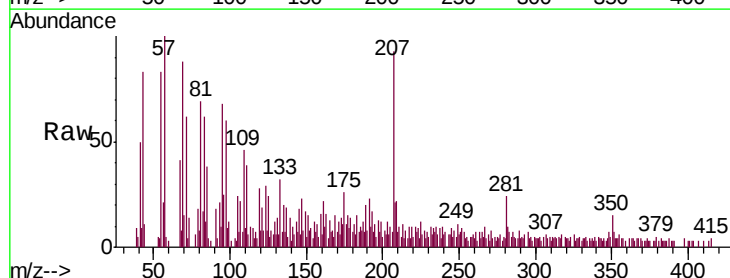
Instrument :
BNA_F
ClientSampleId :
PB121041BL

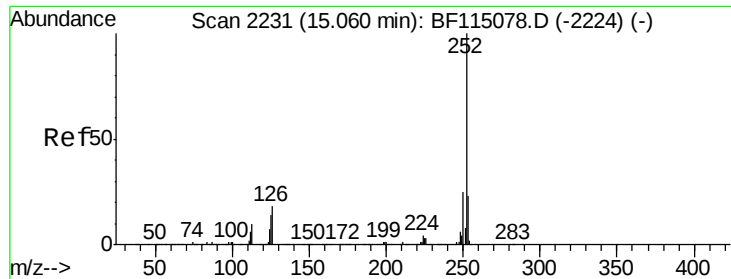
Tgt Ion:252 Resp: 644
Ion Ratio Lower Upper
252 100
253 71.3 18.1 27.1#
125 255.0 8.7 13.1#



#89
Benzo(k)fluoranthene
Concen: 0.014 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115329.D
Acq: 1 Jul 2019 10:30

Tgt Ion:252 Resp: 644
Ion Ratio Lower Upper
252 100
253 71.3 18.9 28.3#
125 255.0 10.2 15.2#





#90

Benzo(a)pyrene

Concen: 0.018 ng

RT: 15.05 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

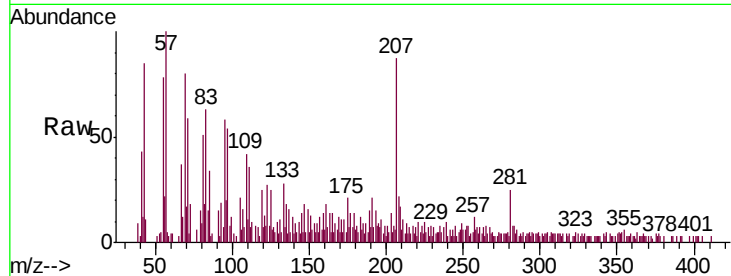
Tgt Ion:252 Resp: 868

Ion Ratio Lower Upper

252 100

253 102.4 18.3 27.5#

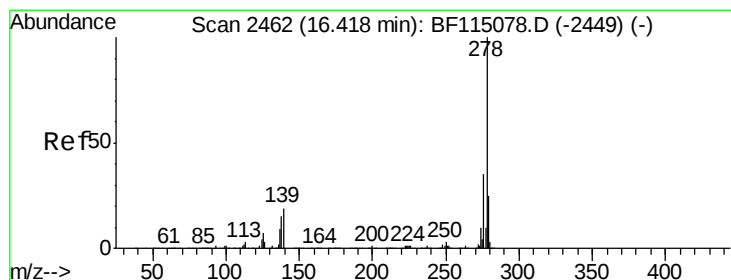
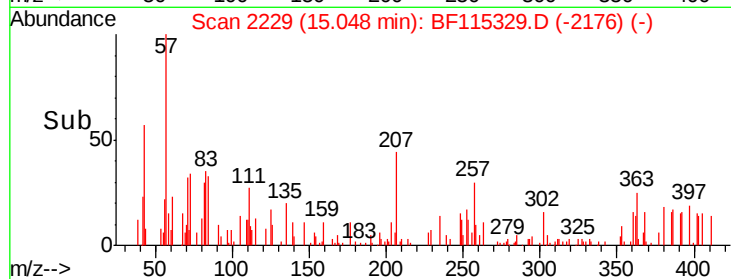
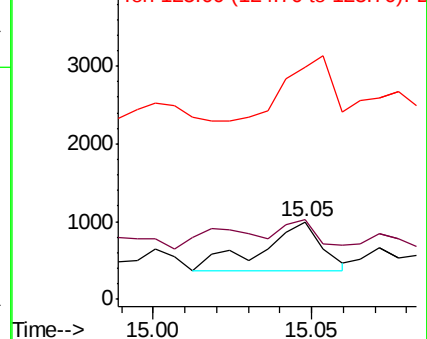
125 299.4 10.9 16.3#



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: 0.003 ng

RT: 16.39 min Scan# 2457

Delta R.T. 0.02 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

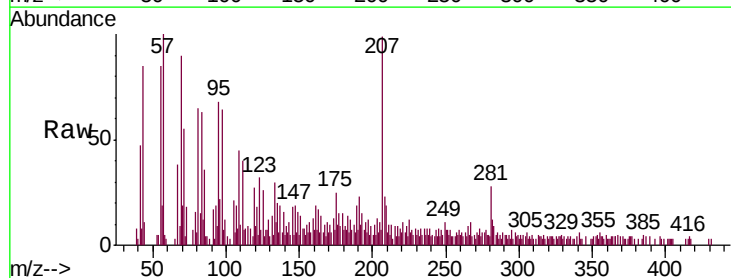
Tgt Ion:278 Resp: 126

Ion Ratio Lower Upper

278 100

139 302.8 15.4 23.2#

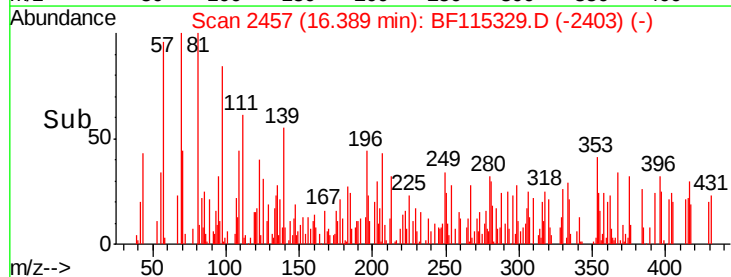
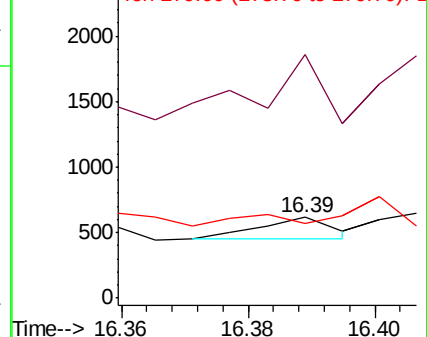
279 93.5 19.9 29.9#

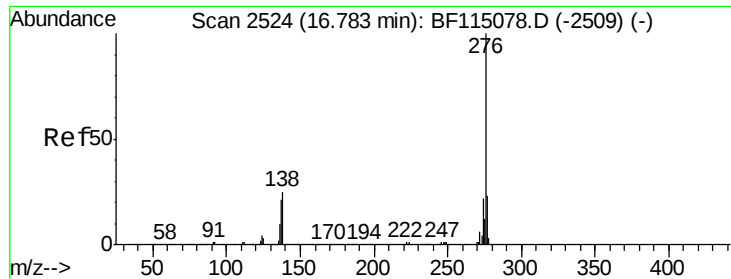


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.010 ng

RT: 16.75 min Scan# 2519

Delta R.T. 0.02 min

Lab File: BF115329.D

Acq: 1 Jul 2019 10:30

Instrument :

BNA_F

ClientSampleId :

PB121041BL

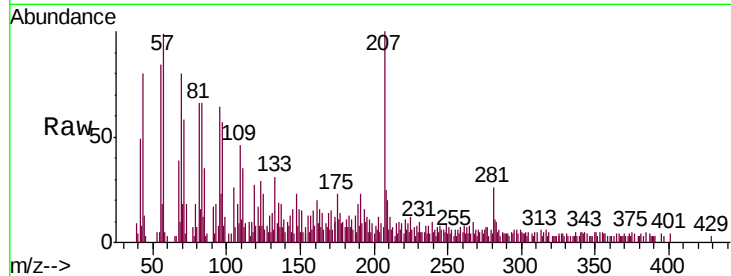
Tgt Ion: 276 Resp: 456

Ion Ratio Lower Upper

276 100

277 106.7 18.6 28.0#

138 104.8 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

1200

1000

800

600

400

200

0

16.75

16.80

Time-->

