

Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Quant Time: Jun 28 05:08:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	232056	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	892967	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	438084	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	874423	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	590273	20.00	ng	-0.03
87) Perylene-d12	15.08	264	407345	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	712593	47.39	ng	-0.02
7) Phenol-d6	6.24	99	887729	48.64	ng	-0.02
23) Nitrobenzene-d5	7.16	82	502015	34.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	251878	54.52	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	1026049	39.78	ng	-0.03
79) Terphenyl-d14	12.68	244	1124853	40.52	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	118	0.017	ng	# 1
3) Pyridine	2.83	79	119	0.006	ng	# 8
4) n-Nitrosodimethylamine	2.80	42	108	0.014	ng	# 1
6) Aniline	6.25	93	309	0.012	ng	# 1
9) Benzaldehyde	6.24	77	1780	0.149	ng	# 1
10) Phenol	6.25	94	11020	0.515	ng	92
11) bis(2-Chloroethyl)ether	6.37	93	1101	0.070	ng	# 1
15) Benzyl Alcohol	6.75	79	9084	0.683	ng	# 43
18) Hexachloroethane	7.11	117	374	0.055	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	65532	5.608	ng	# 75
22) Acetophenone	7.01	105	974	0.048	ng	# 44
24) Nitrobenzene	7.19	77	120	0.008	ng	# 35
25) Isophorone	7.16	82	489478	16.460	ng	# 63
28) bis(2-Chloroethoxy)methane	7.48	93	133	0.007	ng	# 49
31) Naphthalene	7.90	128	37987	0.867	ng	97
32) Benzoic acid	7.88	122	108	0.012	ng	# 1
33) 4-Chloroaniline	7.90	127	4470	0.223	ng	# 26
35) Caprolactam	8.32	113	362	0.081	ng	# 1
36) 4-Chloro-3-methylphenol	8.51	107	219	0.016	ng	# 1
37) 2-Methylnaphthalene	8.59	142	29340	0.993	ng	98
38) 1-Methylnaphthalene	8.69	142	39633	1.404	ng	100
46) 1,1'-Biphenyl	9.05	154	14782	0.422	ng	98
47) 2-Chloronaphthalene	9.12	162	2007	0.071	ng	# 51
48) 2-Nitroaniline	9.17	65	118	0.014	ng	# 1
49) Acenaphthylene	9.48	152	68056	1.536	ng	98
50) Dimethylphthalate	9.35	163	288575	8.953	ng	99
51) 2,6-Dinitrotoluene	9.35	165	3874	0.521	ng	# 2
52) Acenaphthene	9.66	154	59466	2.145	ng	99
53) 3-Nitroaniline	9.74	138	112	0.012	ng	# 5
55) Dibenzofuran	9.83	168	67390	1.694	ng	95
56) 4-Nitrophenol	9.74	139	1036	0.142	ng	# 50
57) 2,4-Dinitrotoluene	9.62	165	60038	6.249	ng	# 30
58) Fluorene	10.17	166	92047	Below Cal		98
60) Diethylphthalate	10.05	149	1917	0.059	ng	# 69

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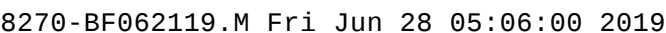
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

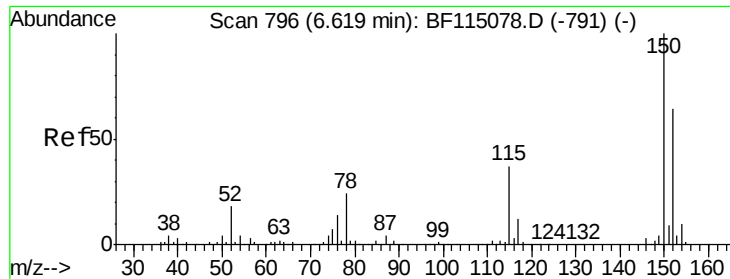
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Chlorophenyl-phenylether	10.00	204	115	Below Cal	#	1
62) 4-Nitroaniline	10.17	138	1164	0.128 ng	#	24
63) Azobenzene	10.33	77	1040	0.034 ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.41	198	638	5.083 ng	#	1
66) n-Nitrosodiphenylamine	10.29	169	3663	0.134 ng	#	75
67) 4-Bromophenyl-phenylether	10.41	248	15881	1.675 ng	#	1
71) Phenanthrene	11.12	178	451940	9.599 ng		97
72) Anthracene	11.17	178	144230	3.035 ng		98
73) Carbazole	11.32	167	40991	0.966 ng		98
74) Di-n-butylphthalate	11.68	149	4056	0.083 ng	#	66
75) Fluoranthene	12.30	202	496906	10.578 ng		97
77) Benzidine	12.46	184	666	0.025 ng	#	1
78) Pyrene	12.52	202	478458	10.547 ng		99
80) Butylbenzylphthalate	13.17	149	201	0.010 ng	#	41
81) Benzo(a)anthracene	13.74	228	176037	4.156 ng		92
82) 3,3'-Dichlorobenzidine	13.68	252	1557	0.102 ng	#	67
83) Chrysene	13.74	228	176037	4.537 ng		97
84) Bis(2-ethylhexyl)phthalate	13.73	149	8420	0.321 ng	#	71
85) Di-n-octyl phthalate	14.34	149	3609	0.082 ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.35	276	66299	1.444 ng		98
88) Benzo(b)fluoranthene	14.71	252	210339	8.275 ng	#	83
89) Benzo(k)fluoranthene	14.71	252	210339	9.228 ng	#	86
90) Benzo(a)pyrene	15.03	252	111881	4.884 ng	#	91
91) Dibenzo(a,h)anthracene	16.36	278	17922	0.838 ng	#	35
92) Benzo(g,h,i)perylene	16.73	276	67422	3.115 ng		95

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

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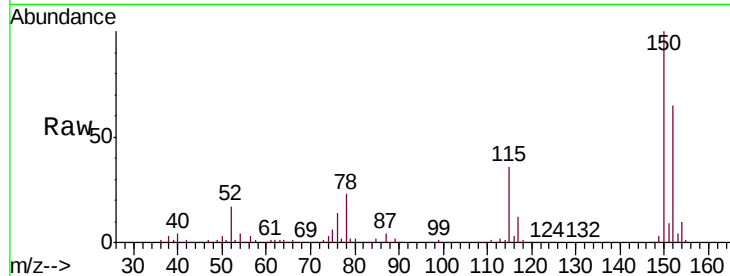


#1

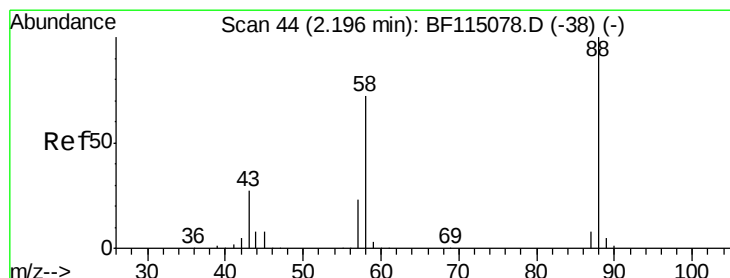
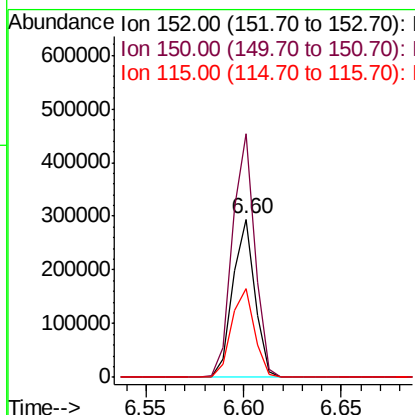
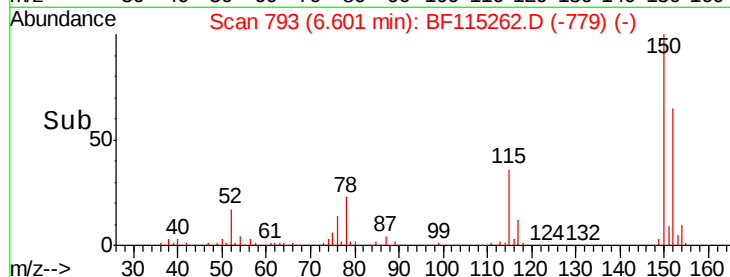
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF115262.D
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 CL-02-062619-B

Tgt Ion: 152 Resp: 232056
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.2 186.2
 115 55.9 46.1 69.1



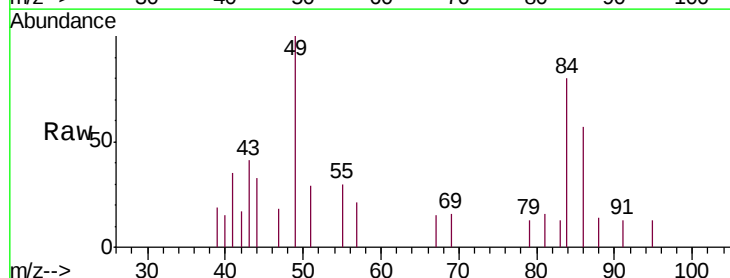
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



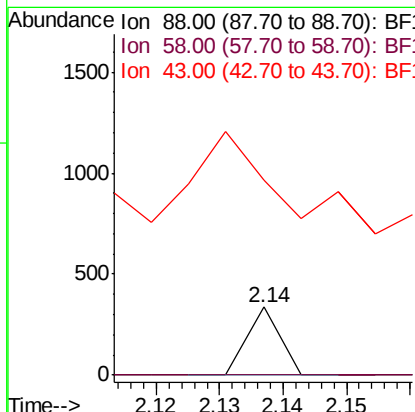
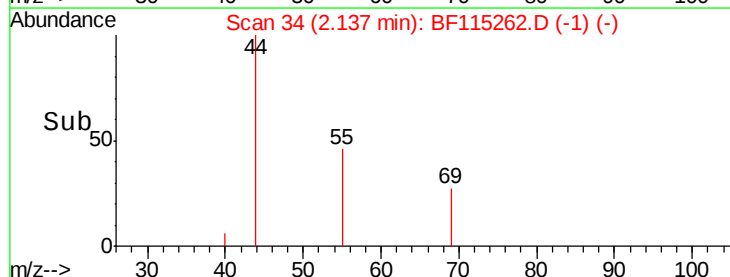
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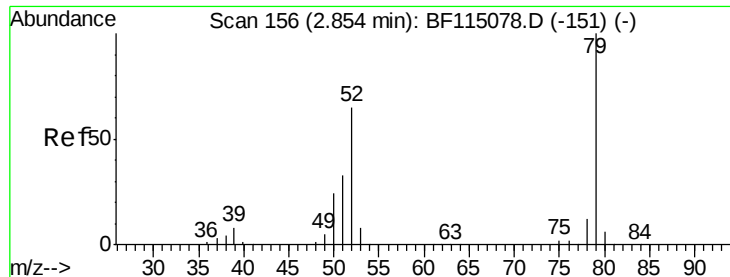
1,4-Dioxane
 Concen: 0.017 ng
 RT: 2.14 min Scan# 34
 Delta R.T. -0.06 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Tgt Ion: 88 Resp: 118
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.1 84.1#
 43 393.2 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: 0.006 ng

RT: 2.83 min Scan# 151

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

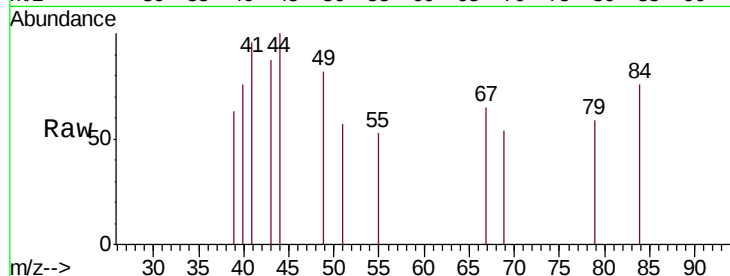
Tgt Ion: 79 Resp: 119

Ion Ratio Lower Upper

79 100

52 0.0 52.3 78.5#

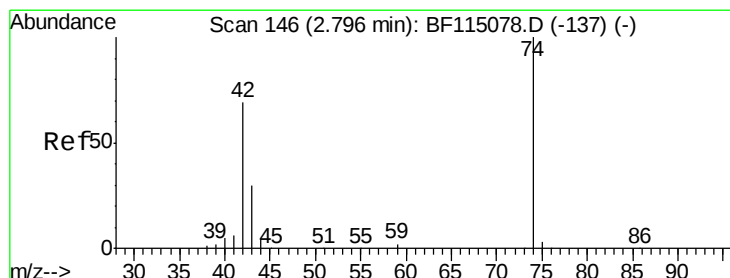
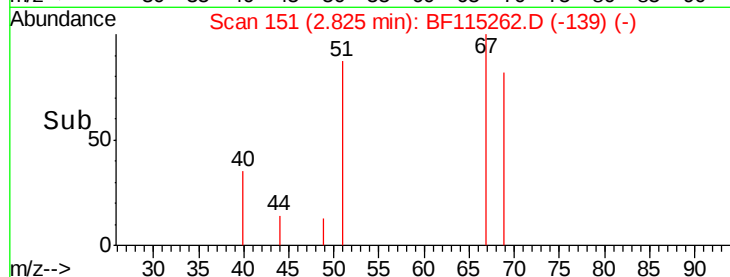
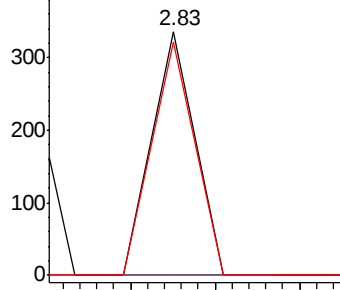
51 95.5 26.1 39.1#



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: 0.014 ng

RT: 2.80 min Scan# 147

Delta R.T. 0.01 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

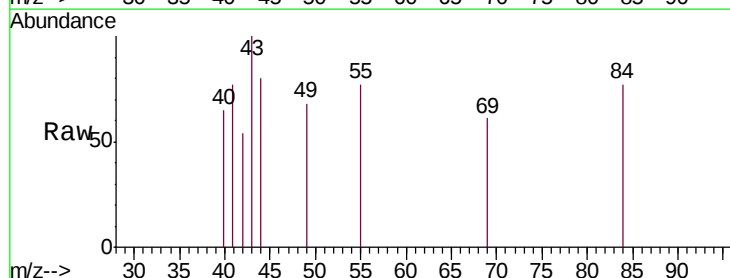
Tgt Ion: 42 Resp: 108

Ion Ratio Lower Upper

42 100

74 0.0 116.6 175.0#

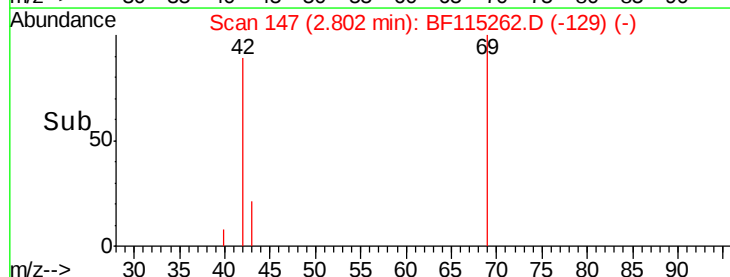
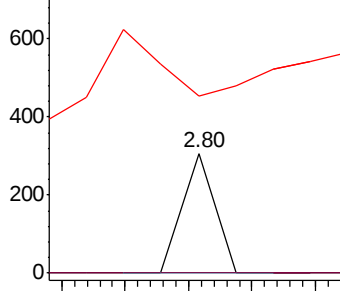
44 147.6 5.3 7.9#

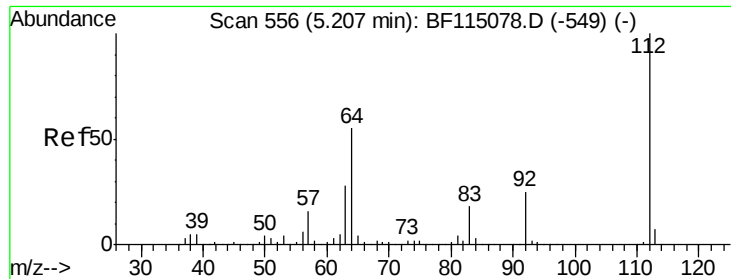


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 47.387 ng

RT: 5.19 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

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ClientSampleId :

CL-02-062619-B

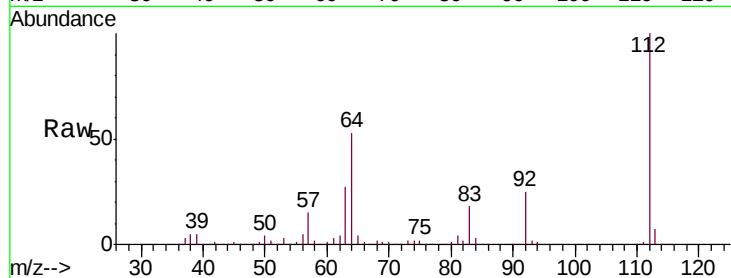
Tgt Ion: 112 Resp: 712593

Ion Ratio Lower Upper

112 100

64 53.2 43.8 65.6

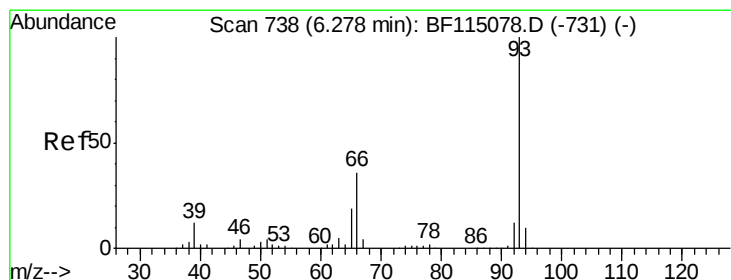
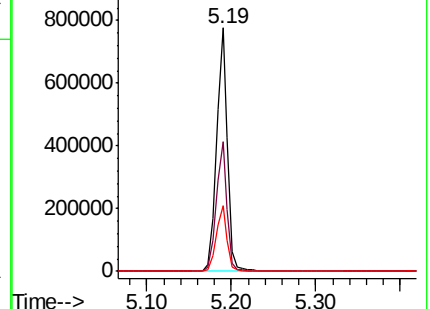
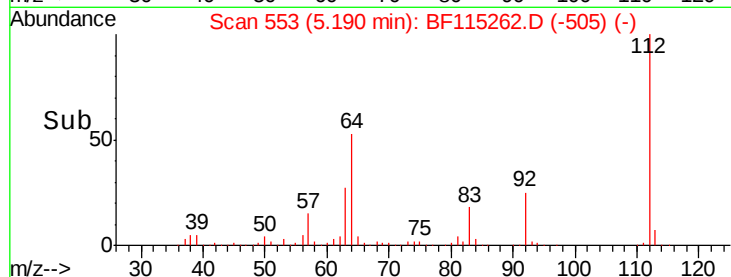
63 27.0 22.2 33.4



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: 0.012 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

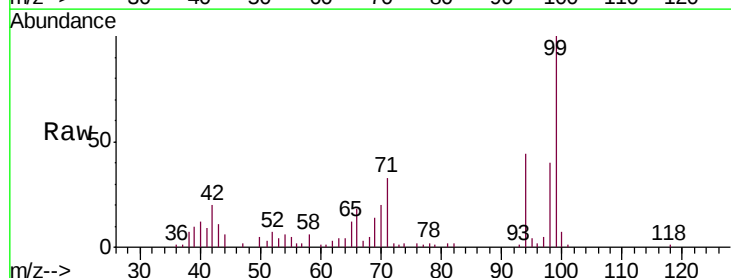
Tgt Ion: 93 Resp: 309

Ion Ratio Lower Upper

93 100

66 1269.4 30.0 45.0#

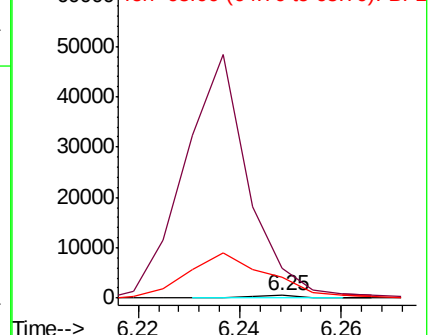
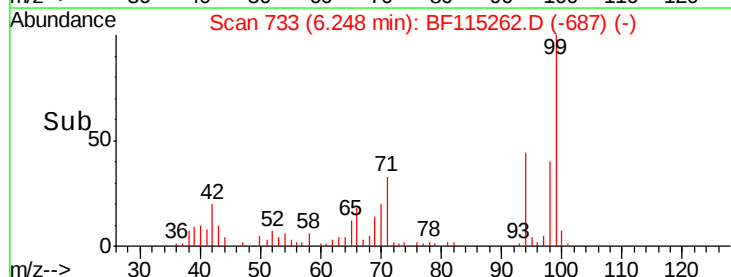
65 892.8 15.6 23.4#

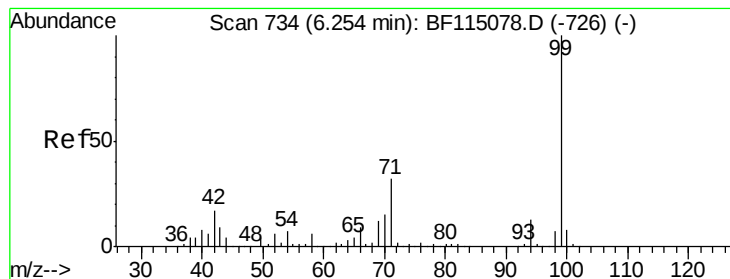


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.637 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115262.D

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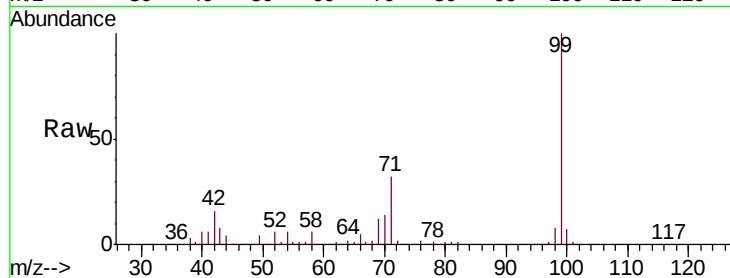
Tgt Ion: 99 Resp: 887729

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

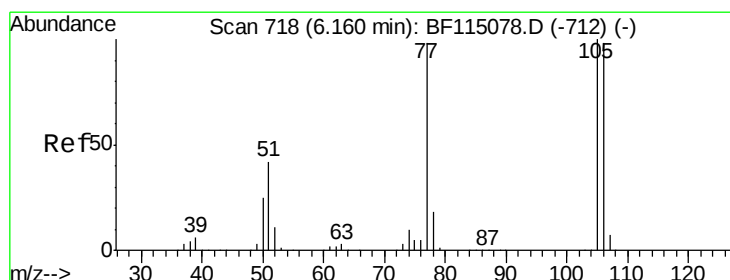
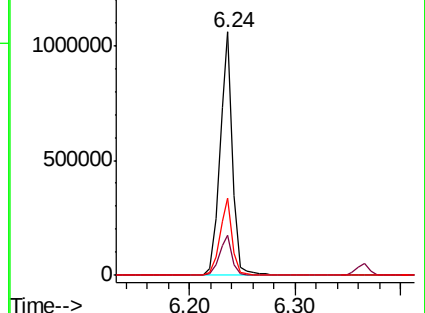
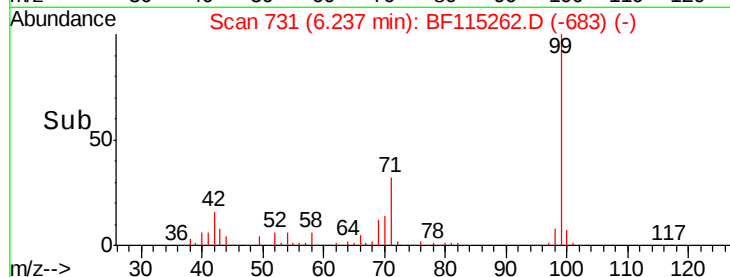
71 31.5 25.5 38.3



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



#9

Benzaldehyde

Concen: 0.149 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.08 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

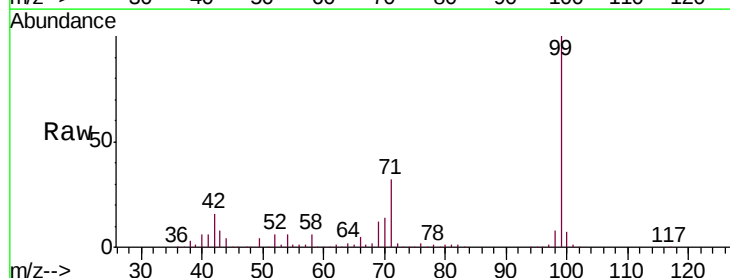
Tgt Ion: 77 Resp: 1780

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

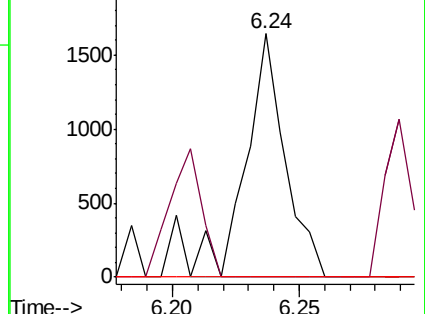
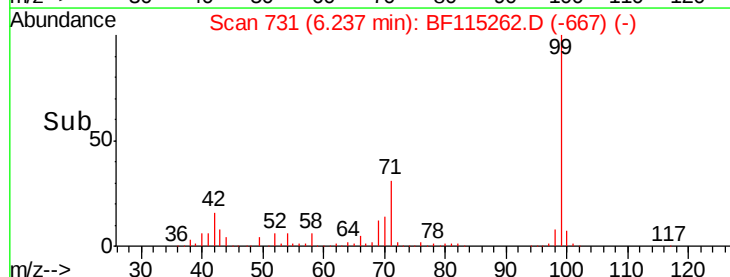
106 0.0 79.7 119.7#

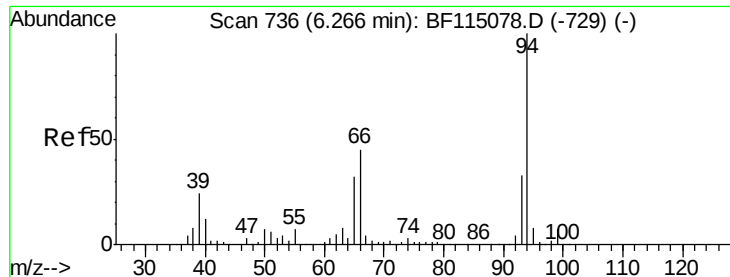


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.515 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

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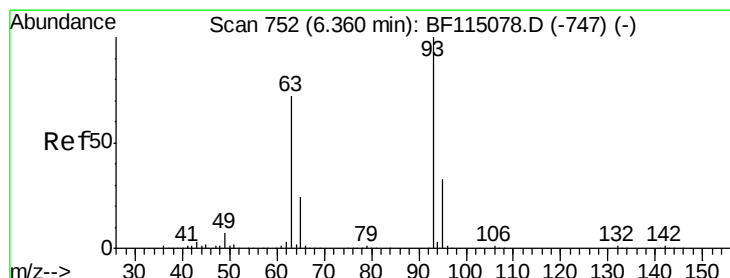
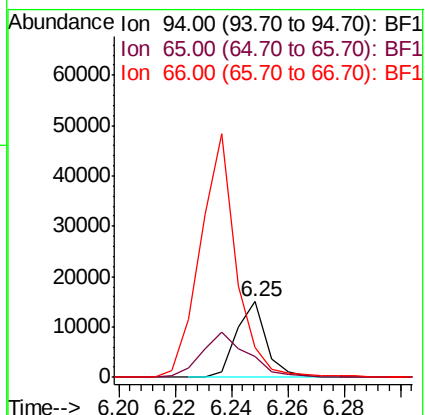
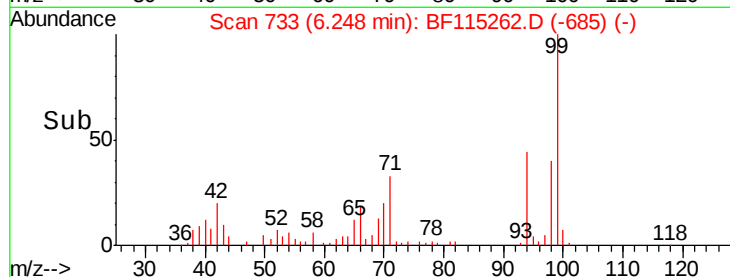
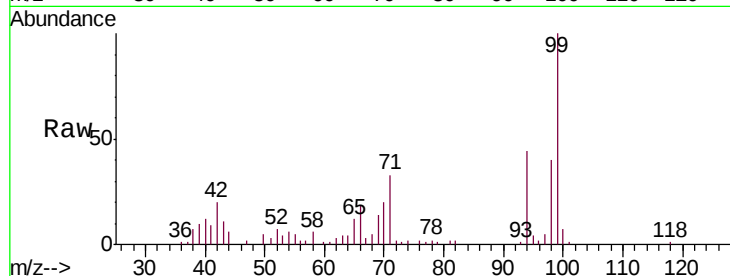
Tgt Ion: 94 Resp: 11020

Ion Ratio Lower Upper

94 100

65 28.0 11.9 51.9

66 39.8 25.2 65.2



#11

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

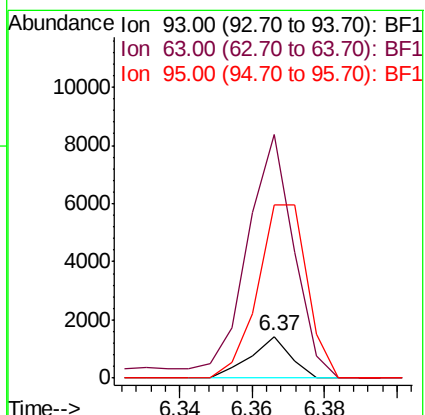
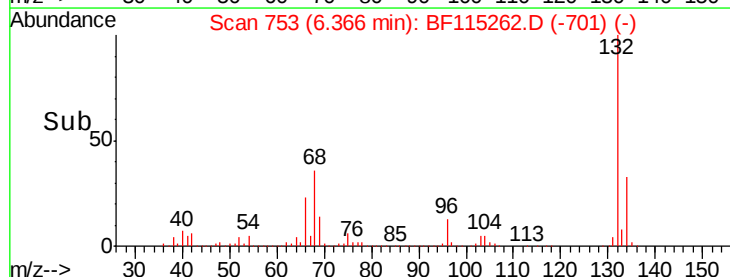
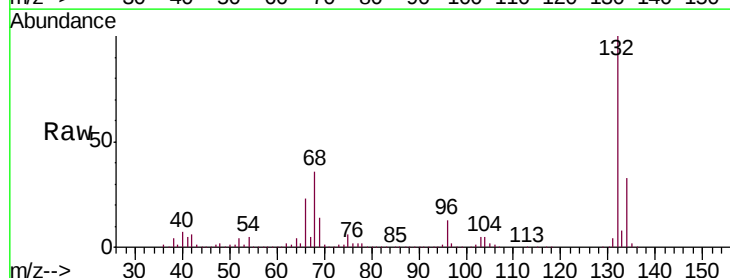
Tgt Ion: 93 Resp: 1101

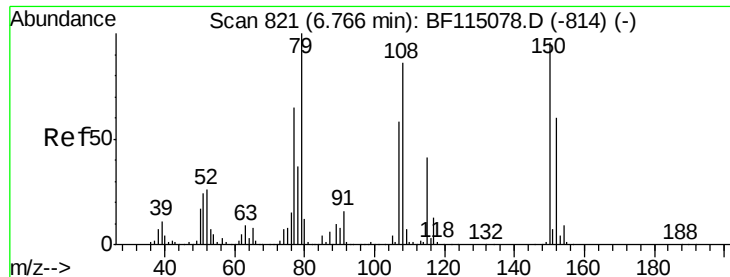
Ion Ratio Lower Upper

93 100

63 583.2 51.5 91.5#

95 414.9 13.4 53.4#





#15

Benzyl Alcohol

Concen: 0.683 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

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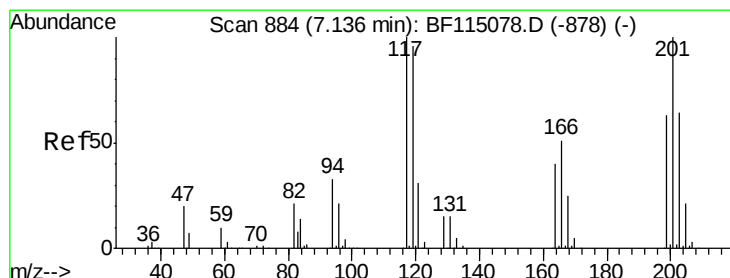
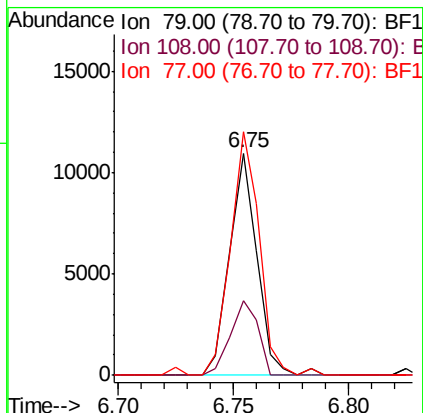
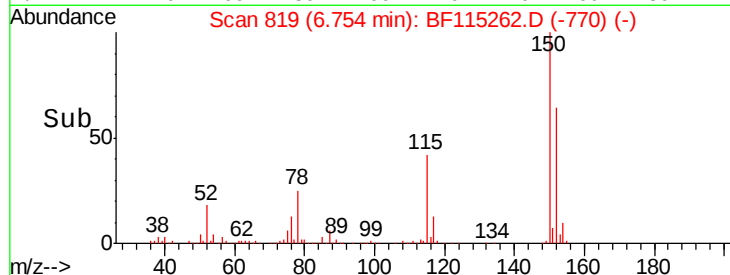
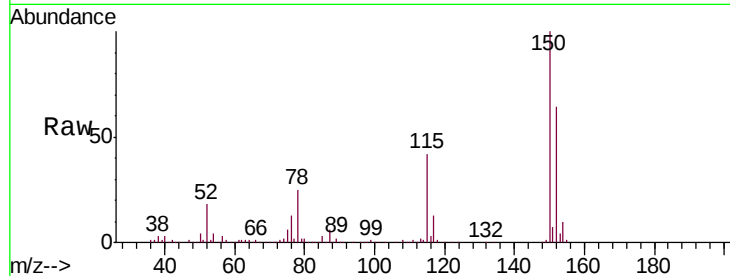
Tgt Ion: 79 Resp: 9084

Ion Ratio Lower Upper

79 100

108 33.8 68.7 103.1#

77 109.5 51.7 77.5#



#18

Hexachloroethane

Concen: 0.055 ng

RT: 7.11 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

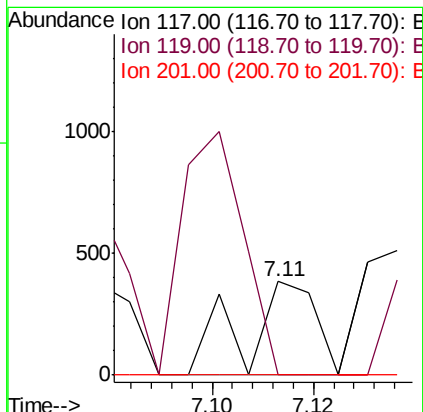
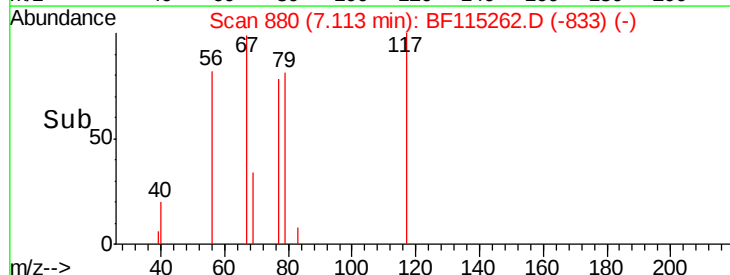
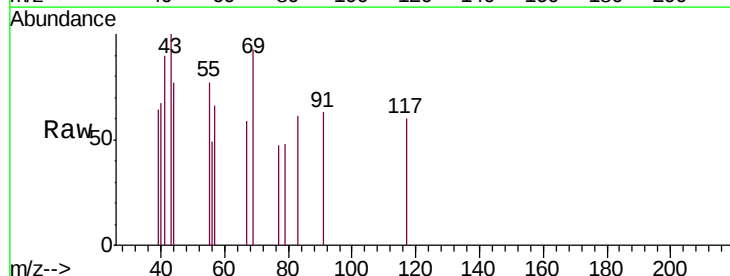
Tgt Ion: 117 Resp: 374

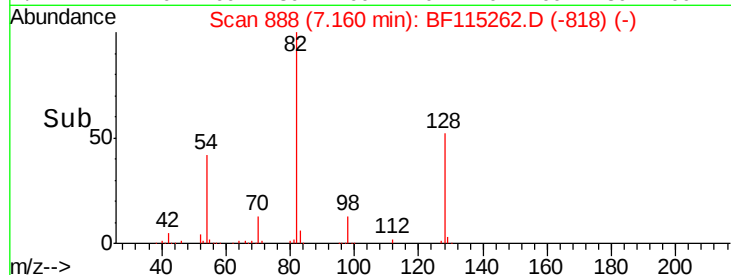
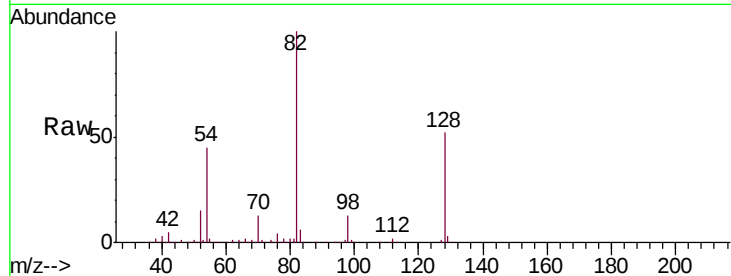
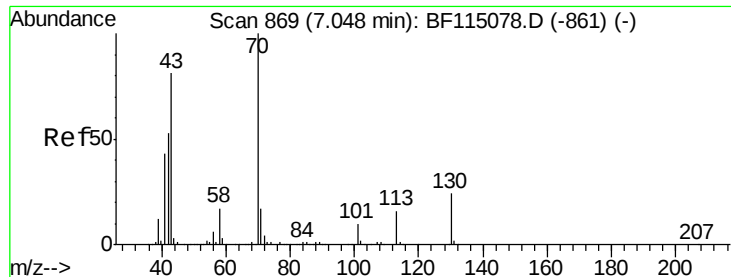
Ion Ratio Lower Upper

117 100

119 0.0 76.6 114.8#

201 0.0 80.2 120.2#

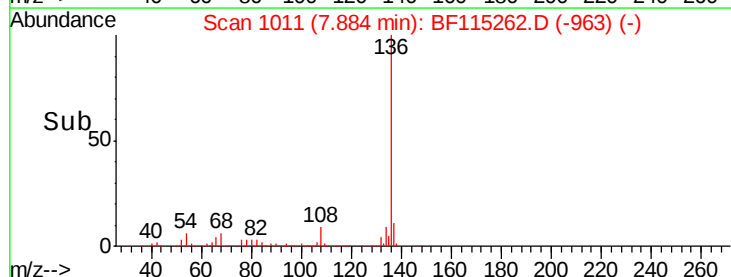
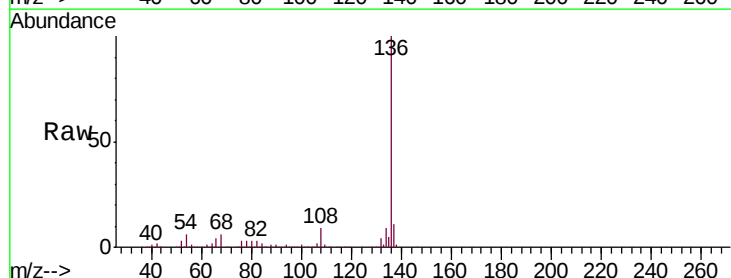
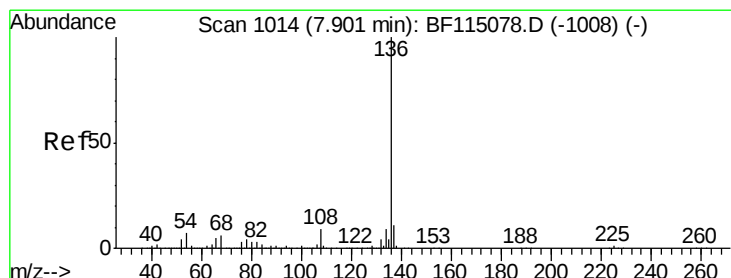
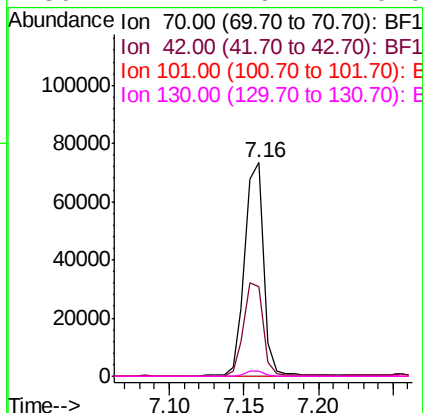




#19
n-Nitroso-di-n-propylamine
Concen: 5.608 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.11 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

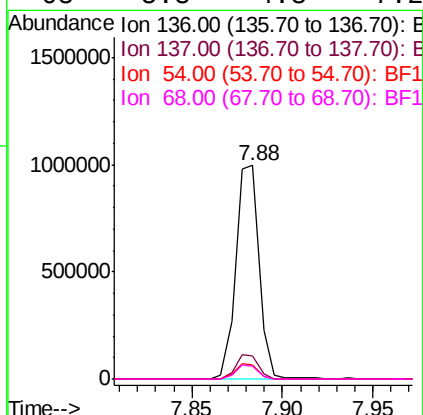
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

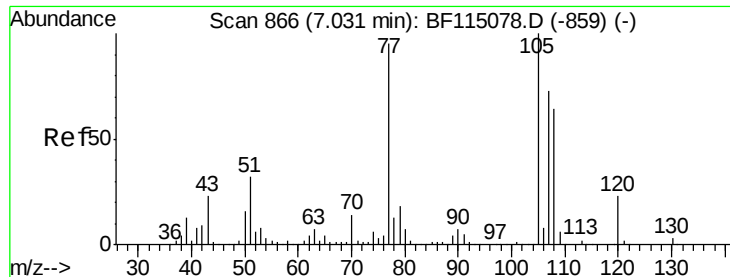
Tgt Ion: 70 Resp: 65532
Ion Ratio Lower Upper
70 100
42 41.8 42.6 63.8#
101 0.0 8.0 12.0#
130 2.4 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 136 Resp: 892967
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.4 5.6 8.4
68 5.8 4.8 7.2





#22

Acetophenone

Concen: 0.048 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

Tgt Ion: 105 Resp: 974

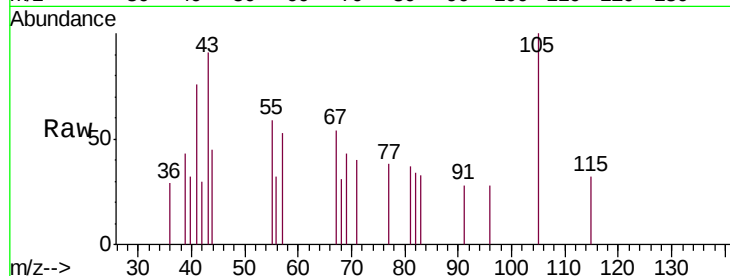
Ion Ratio Lower Upper

105 100

71 39.6 1.9 2.9#

51 0.0 25.8 38.8#

120 0.0 18.5 27.7#

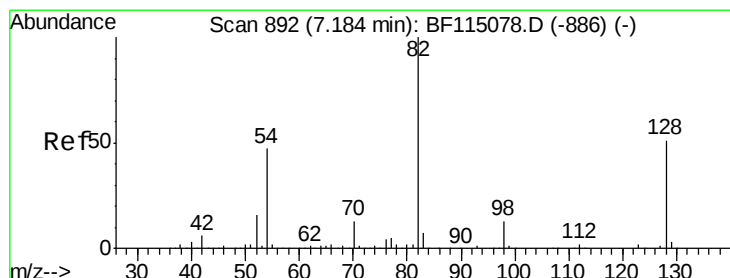
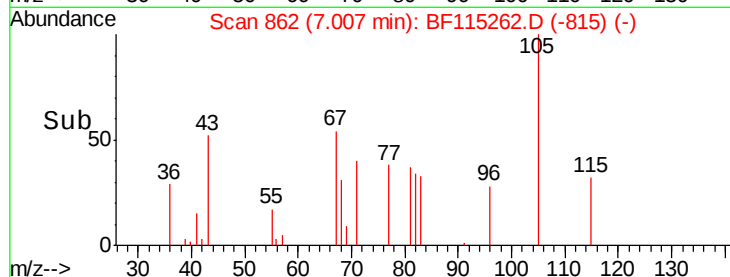
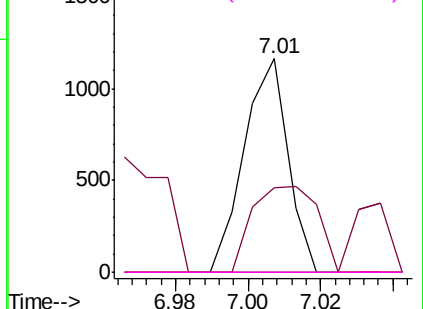


Abundance Ion 105.00 (104.70 to 105.70): E

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: 34.583 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

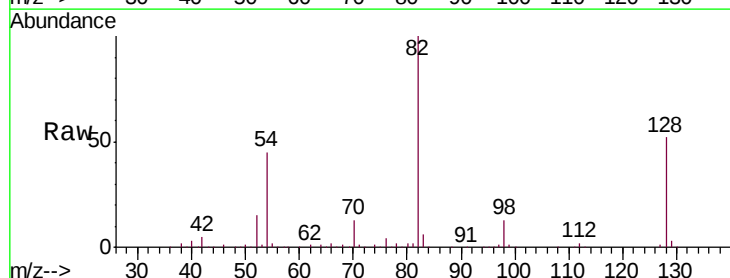
Tgt Ion: 82 Resp: 502015

Ion Ratio Lower Upper

82 100

128 51.7 40.4 60.6

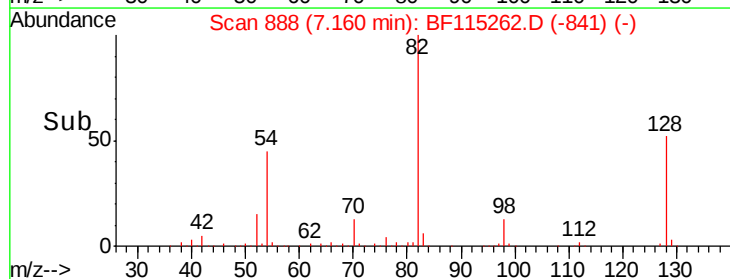
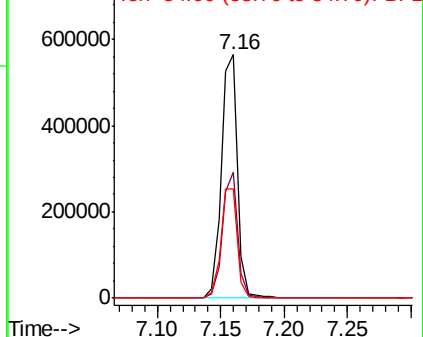
54 44.8 37.5 56.3

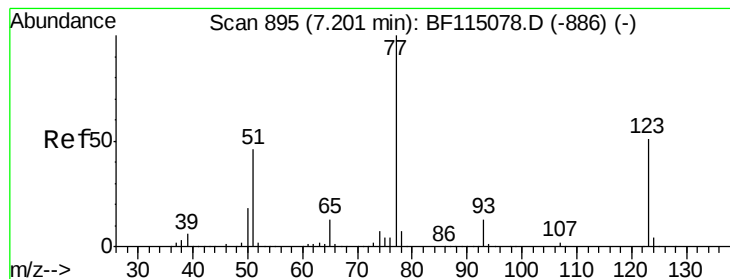


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.008 ng

RT: 7.19 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

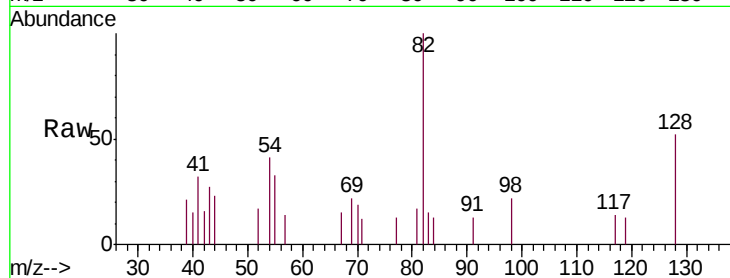
Tgt Ion: 77 Resp: 120

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

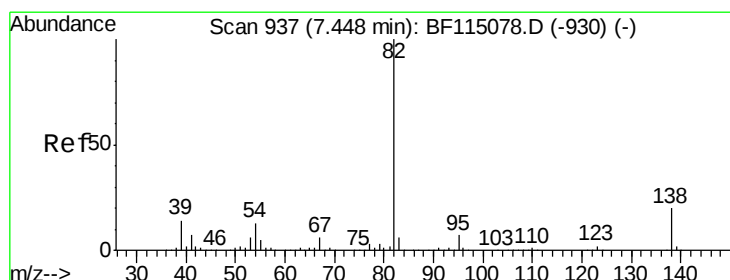
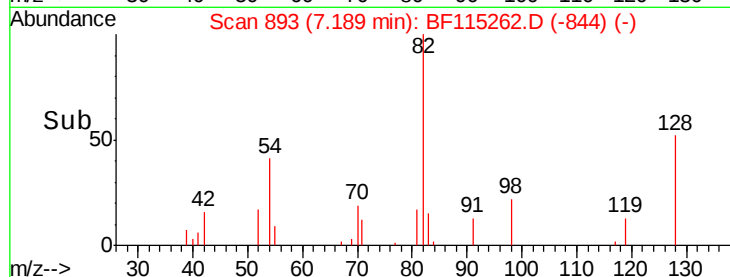
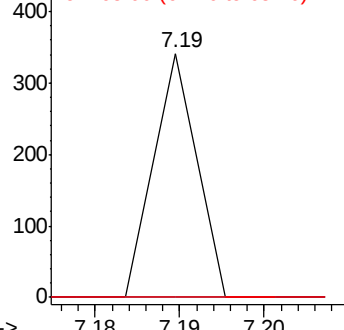
65 0.0 10.5 15.7#



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



#25

Isophorone

Concen: 16.460 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

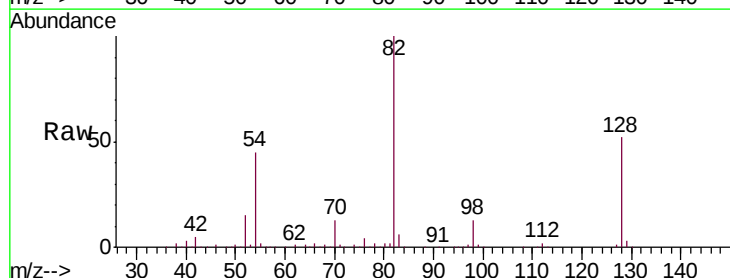
Tgt Ion: 82 Resp: 489478

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

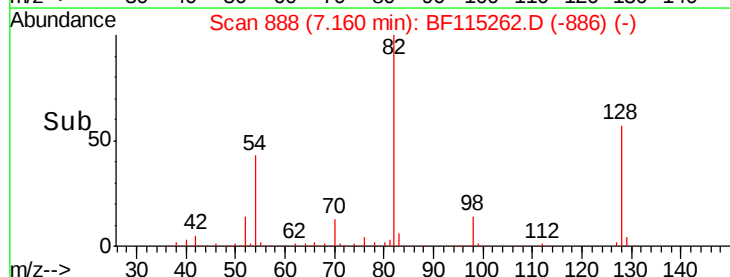
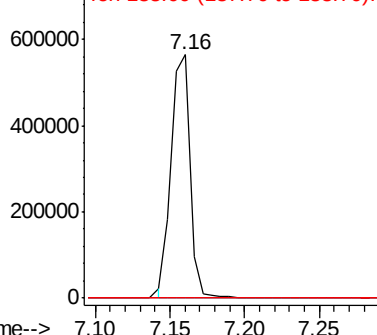
138 0.0 15.9 23.9#

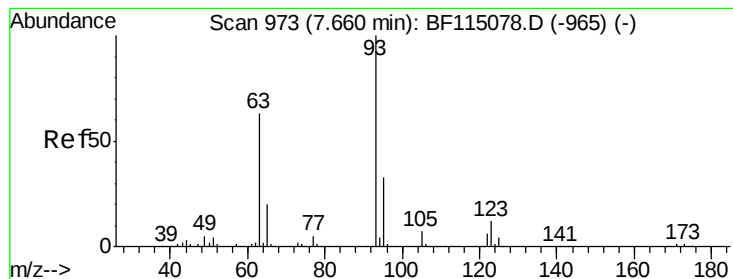


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#28

bis(2-Chloroethoxy)methane

Concen: 0.007 ng

RT: 7.48 min Scan# 943

Delta R.T. -0.18 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

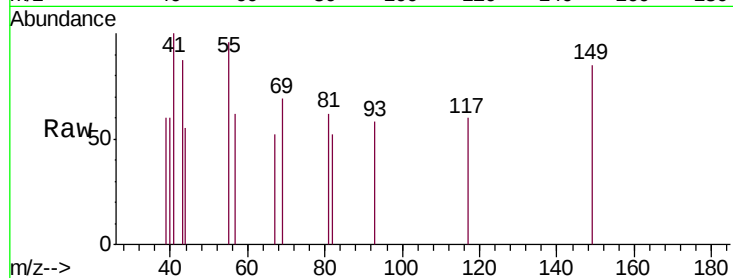
Tgt Ion: 93 Resp: 133

Ion Ratio Lower Upper

93 100

95 0.0 26.2 39.4#

123 0.0 9.7 14.5#

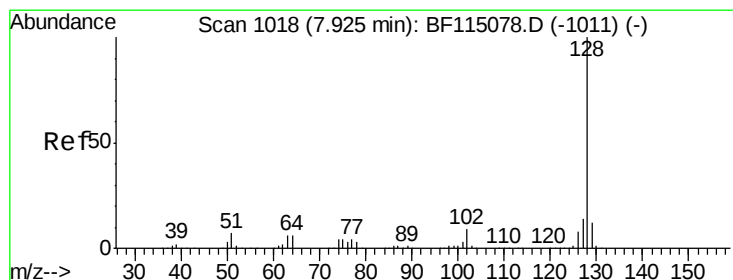
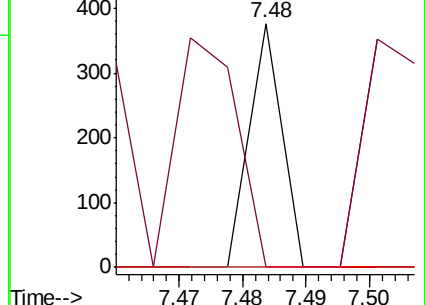
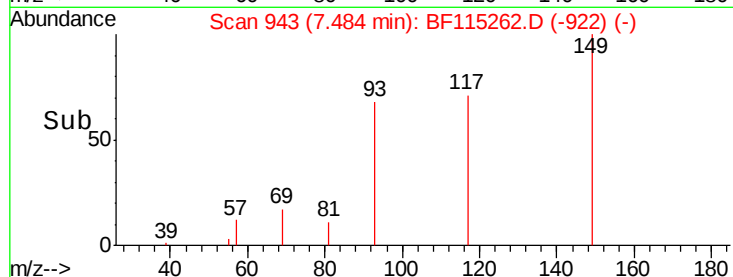


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Time-->



#31

Naphthalene

Concen: 0.867 ng

RT: 7.90 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

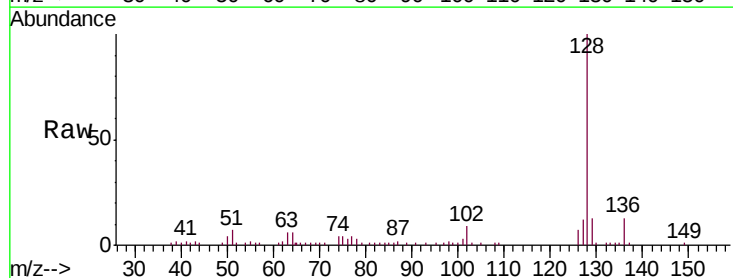
Tgt Ion: 128 Resp: 37987

Ion Ratio Lower Upper

128 100

129 12.8 9.6 14.4

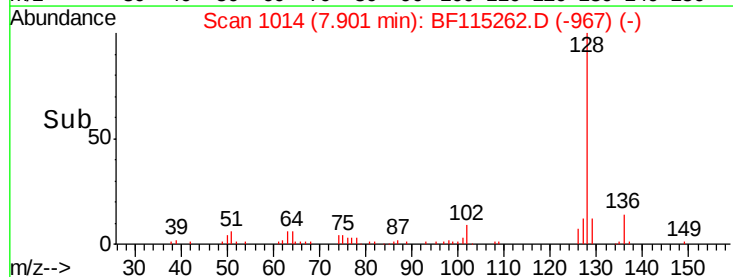
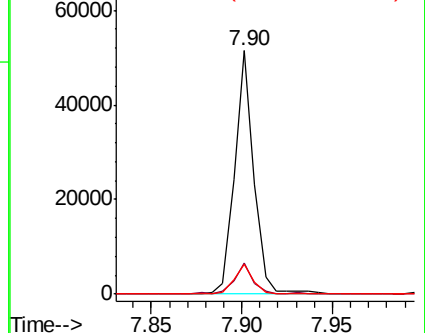
127 12.3 11.4 17.0

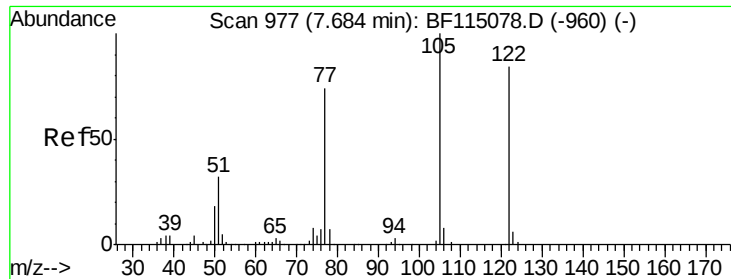


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

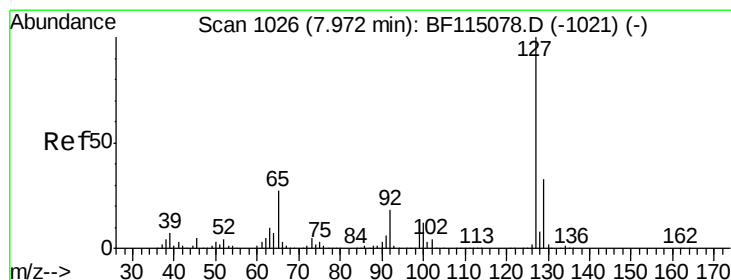
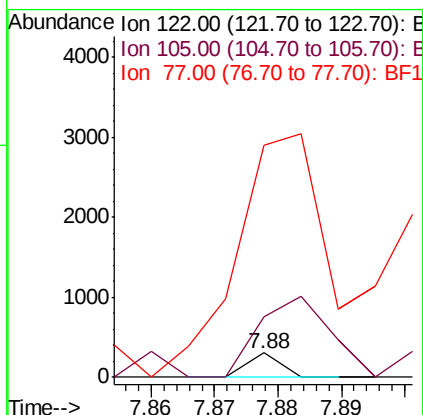
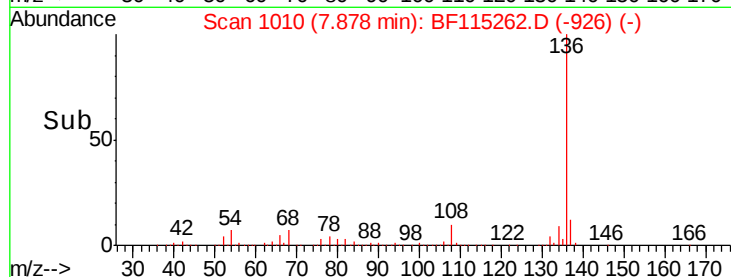
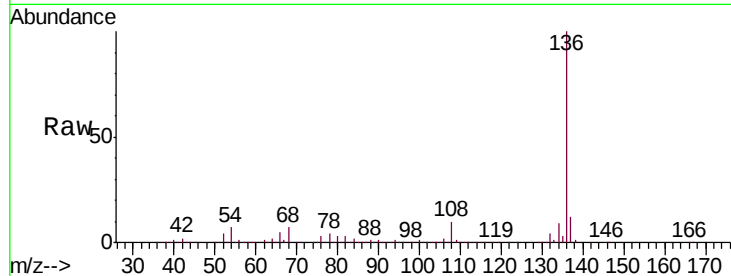




#32
Benzoic acid
Concen: 0.012 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.19 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

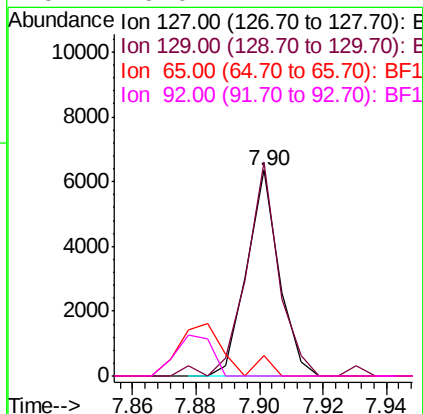
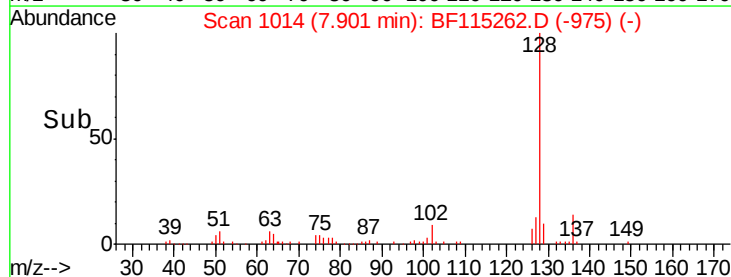
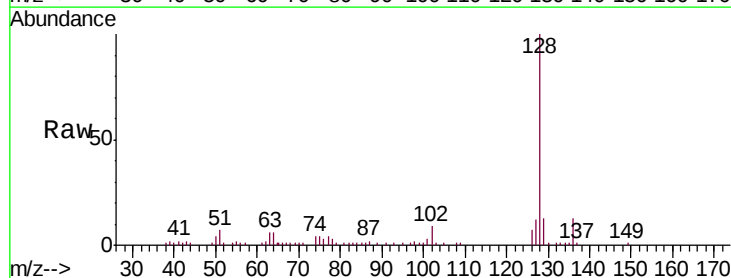
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

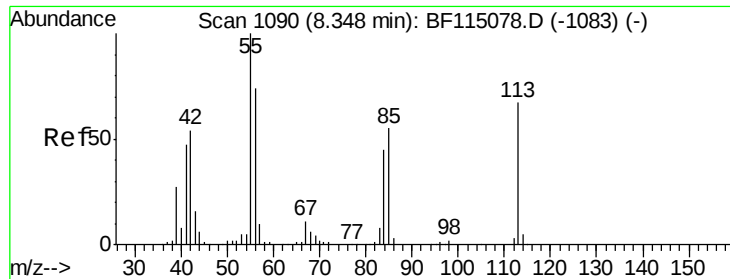
Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 246.4 98.2 138.2#
77 950.0 67.0 107.0#



#33
4-Chloroaniline
Concen: 0.223 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.07 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:127 Resp: 4470
Ion Ratio Lower Upper
127 100
129 103.9 26.1 39.1#
65 10.3 21.4 32.2#
92 0.0 14.1 21.1#

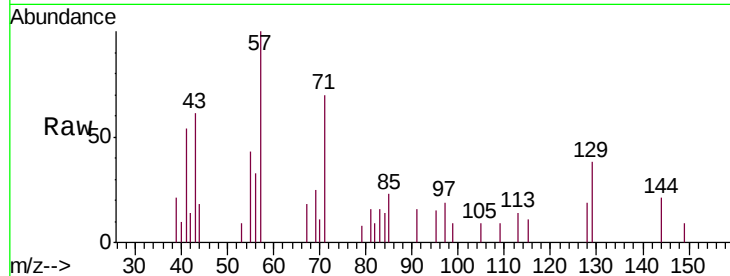




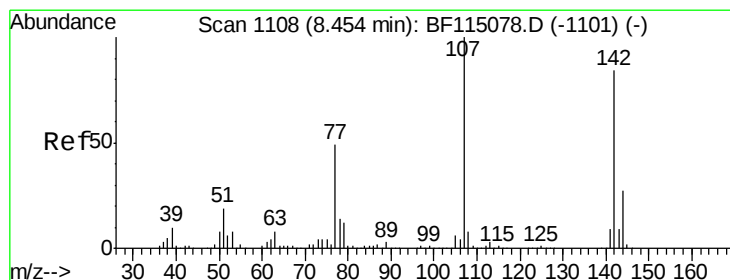
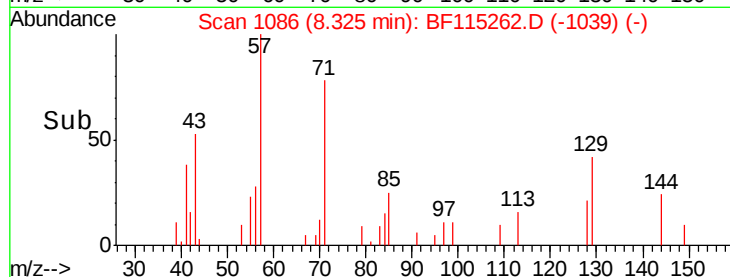
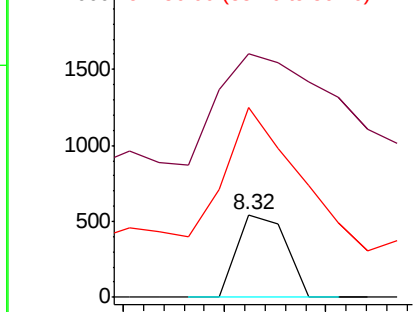
#35
 Caprolactam
 Concen: 0.081 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-B

Tgt Ion:113 Resp: 362
 Ion Ratio Lower Upper
 113 100
 55 295.2 130.2 170.2#
 56 229.8 91.6 131.6#

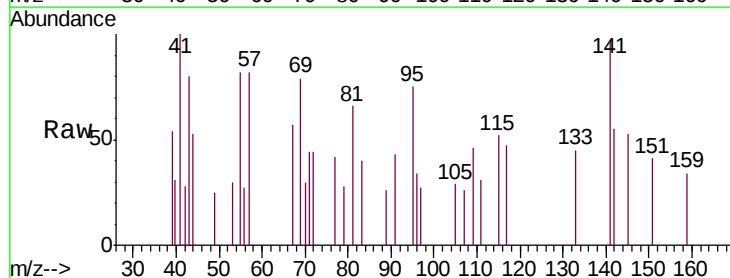


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

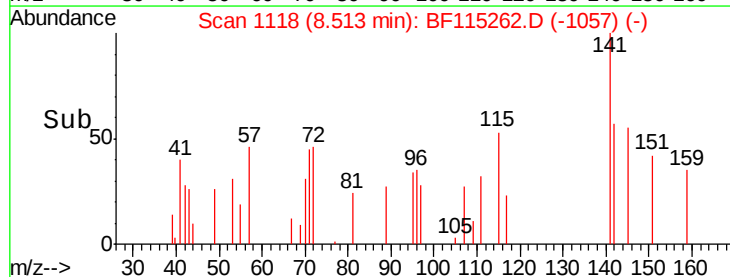
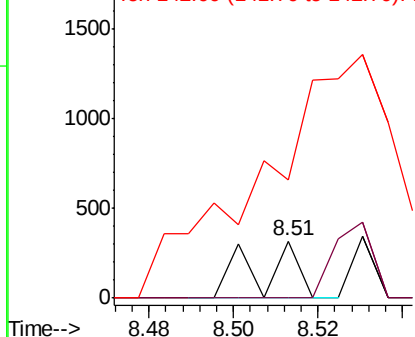


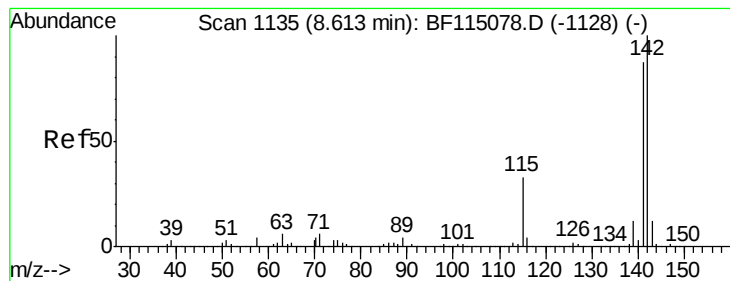
#36
 4-Chloro-3-methylphenol
 Concen: 0.016 ng
 RT: 8.51 min Scan# 1118
 Delta R.T. 0.06 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Tgt Ion:107 Resp: 219
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.7 32.5#
 142 207.8 67.0 100.4#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.993 ng

RT: 8.59 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

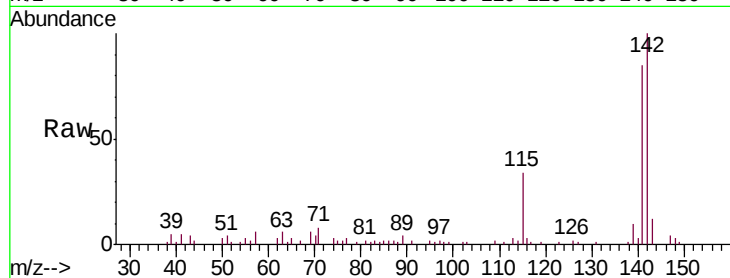
Tgt Ion:142 Resp: 29340

Ion Ratio Lower Upper

142 100

141 85.3 69.8 104.6

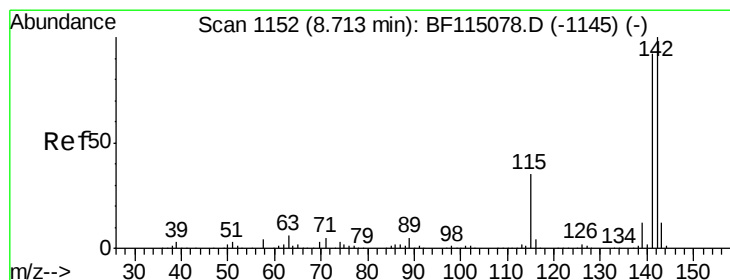
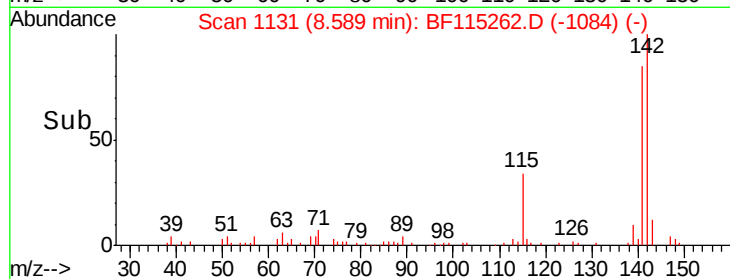
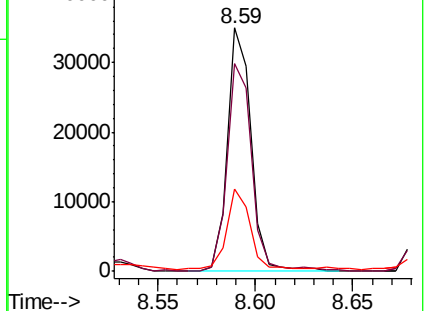
115 33.8 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 1.404 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

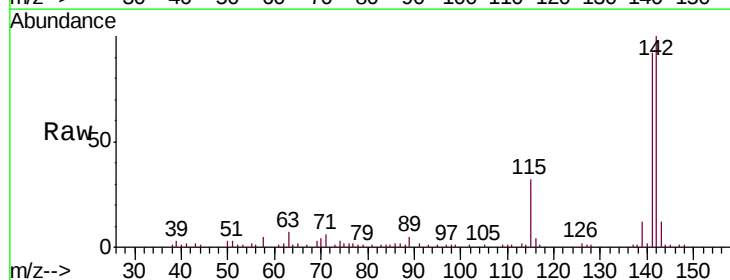
Tgt Ion:142 Resp: 39633

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.8

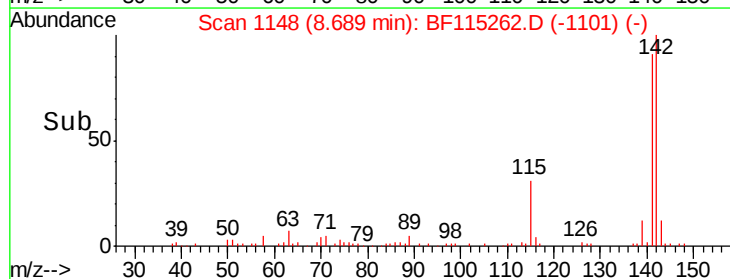
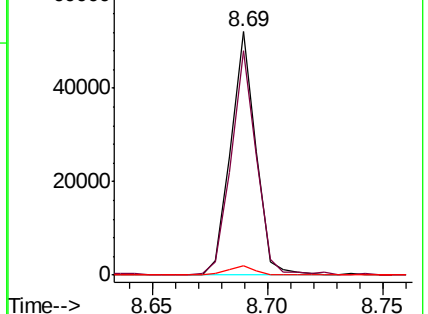
116 3.6 2.8 4.2

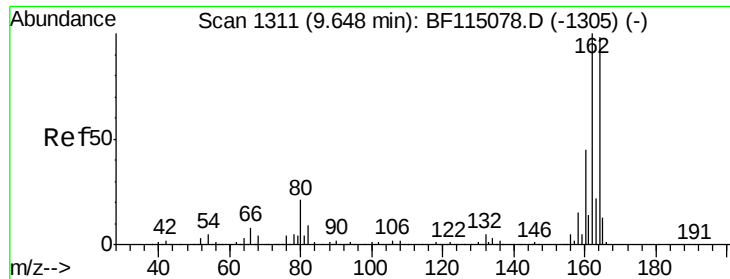


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

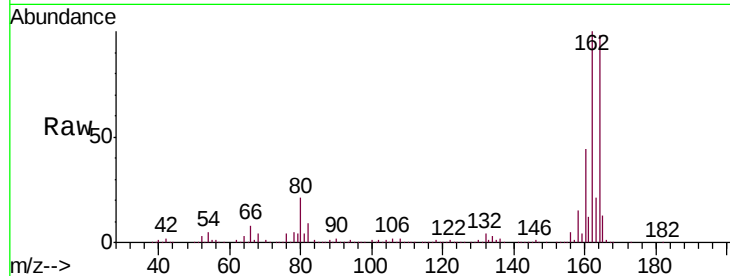




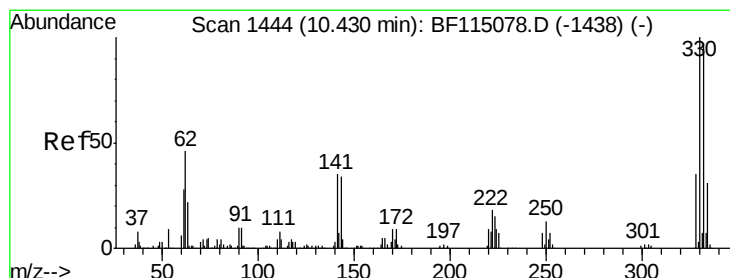
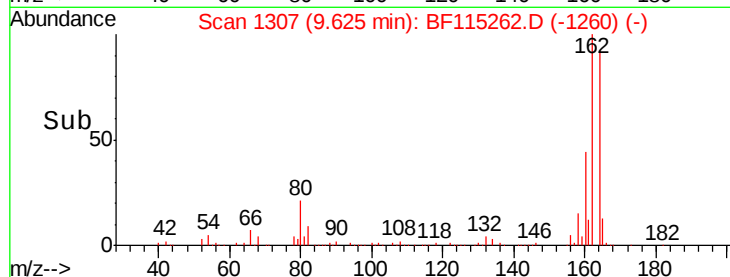
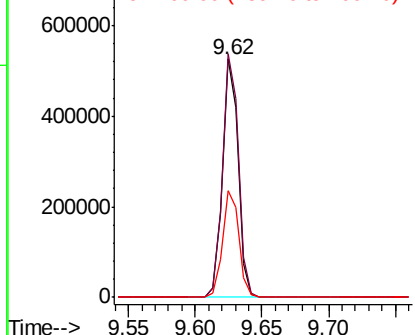
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:164 Resp: 438084
Ion Ratio Lower Upper
164 100
162 102.3 81.7 122.5
160 45.1 37.0 55.4

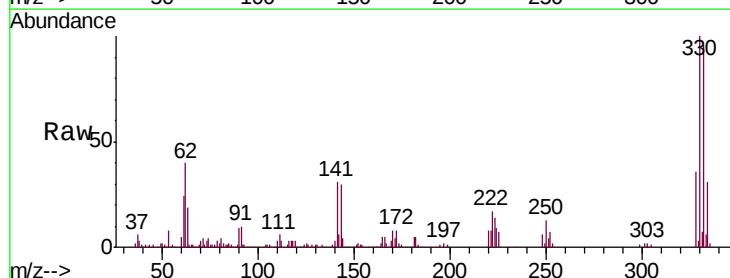


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

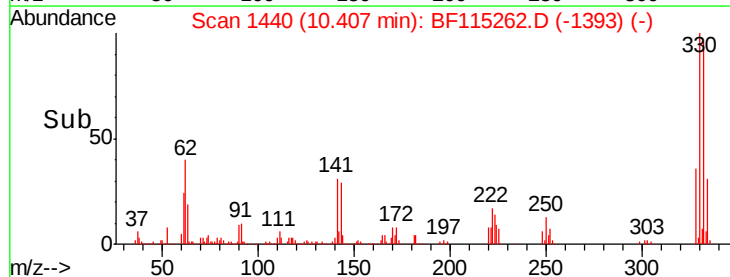
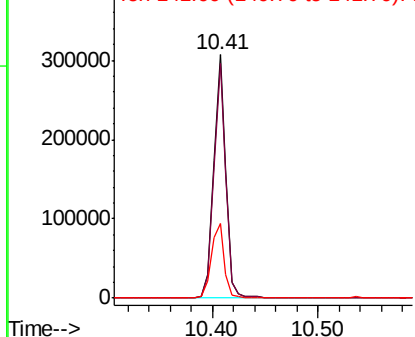


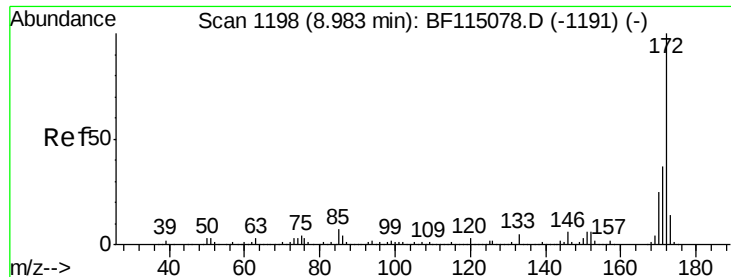
#42
2,4,6-Tribromophenol
Concen: 54.522 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:330 Resp: 251878
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 32.2 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

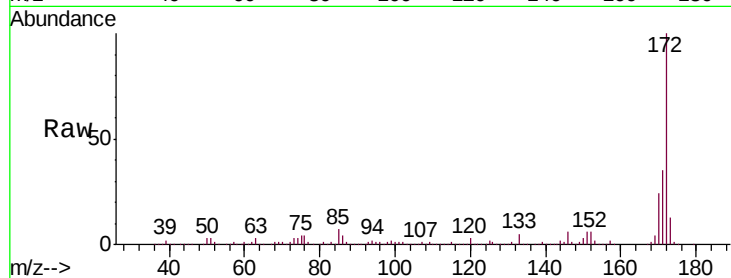




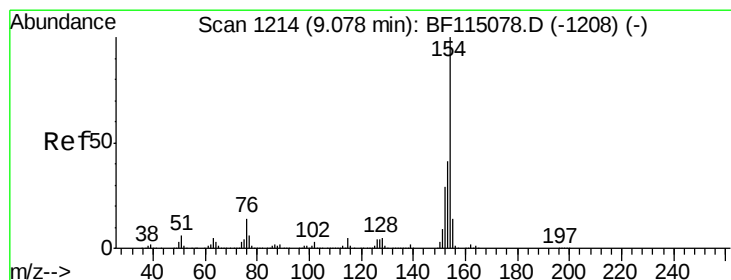
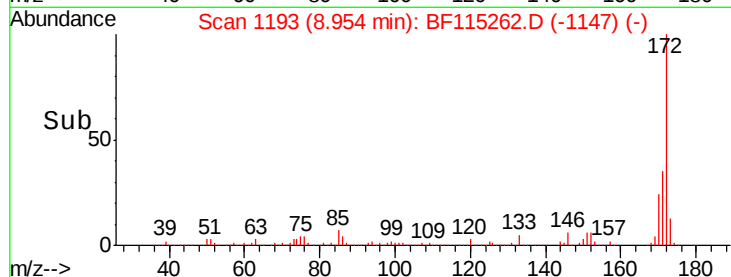
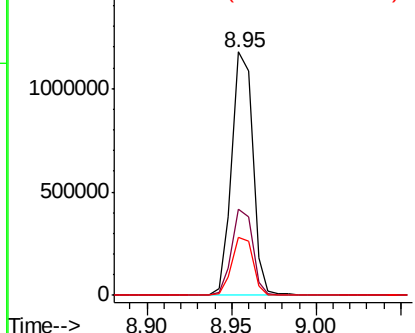
#45
 2-Fluorobiphenyl
 Concen: 39.784 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-B

Tgt Ion:172 Resp: 1026049
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 24.0 20.3 30.5

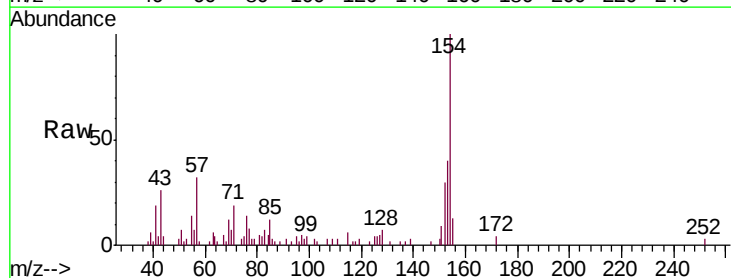


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

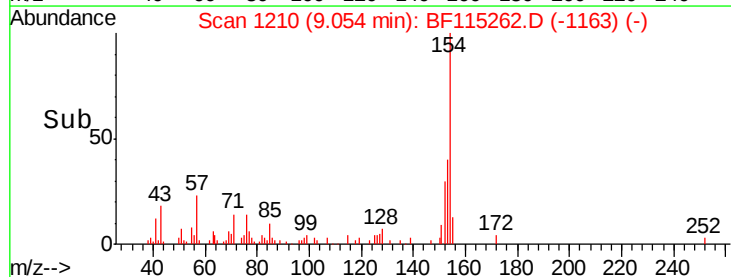
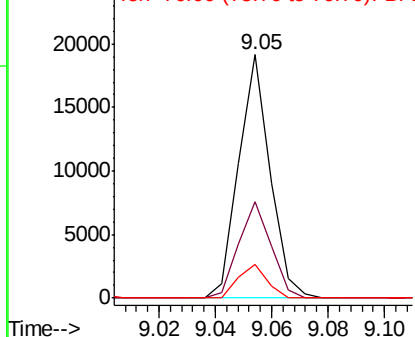


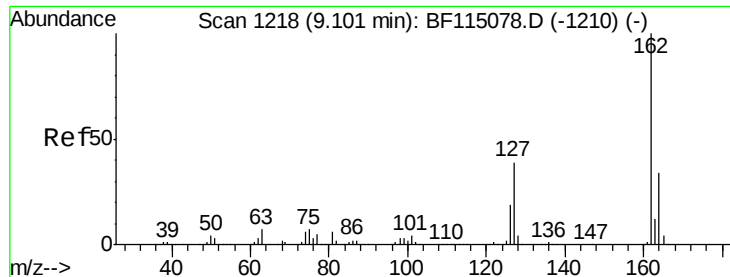
#46
 1,1'-Biphenyl
 Concen: 0.422 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Tgt Ion:154 Resp: 14782
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.9 60.9
 76 13.8 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

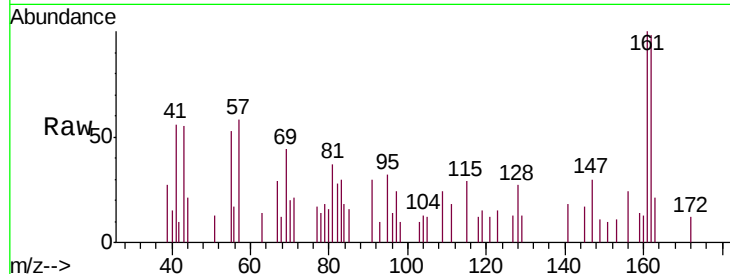




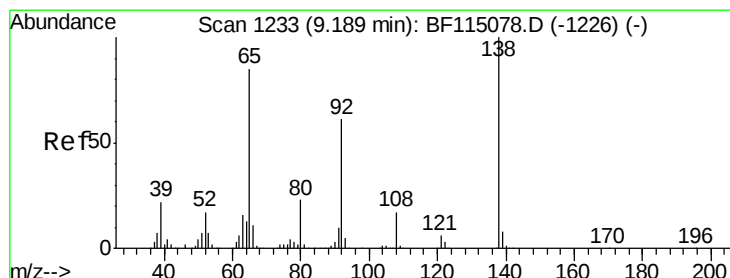
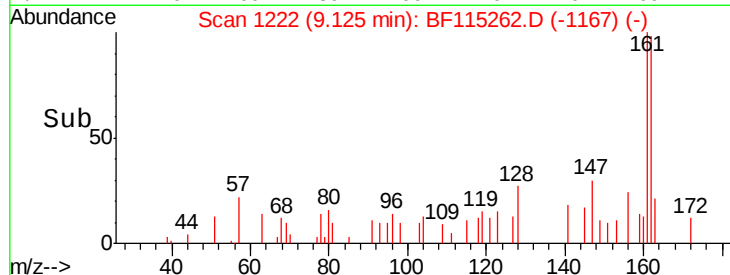
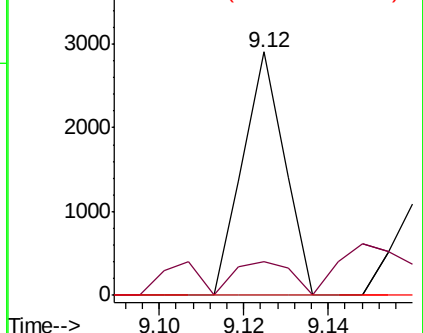
#47
2-Chloronaphthalene
Concen: 0.071 ng
RT: 9.12 min Scan# 1222
Delta R.T. 0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 162 Resp: 2007
Ion Ratio Lower Upper
162 100
127 13.8 30.8 46.2#
164 0.0 27.0 40.4#

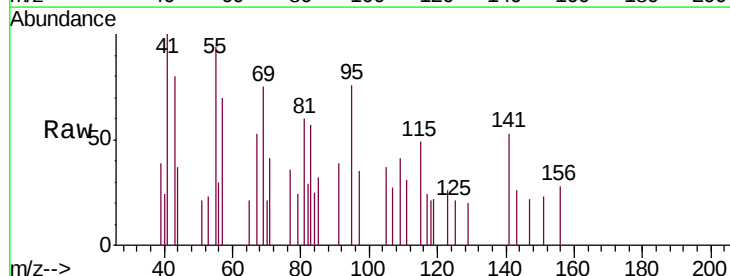


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

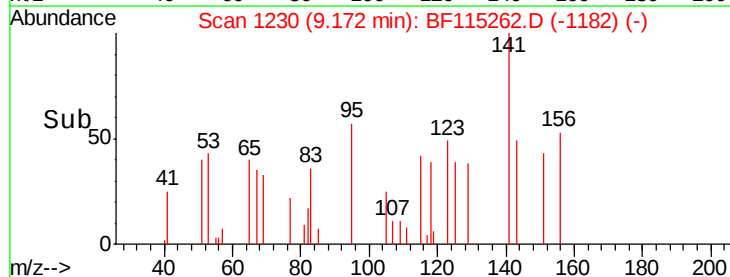
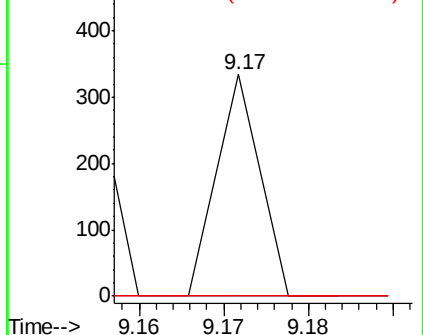


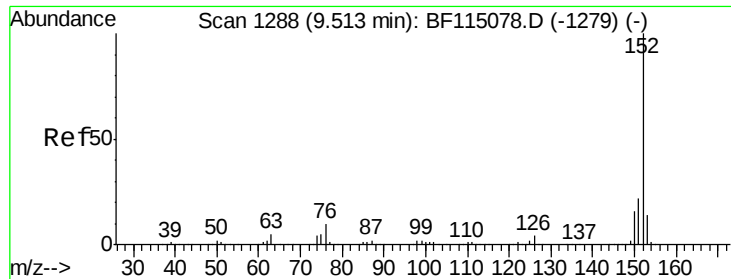
#48
2-Nitroaniline
Concen: 0.014 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 0.0 57.4 86.2#
138 0.0 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: 1.536 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

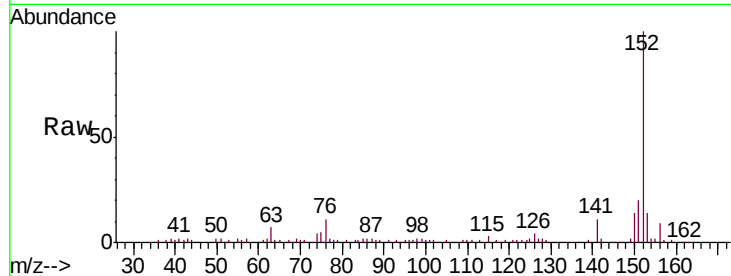
Tgt Ion:152 Resp: 68056

Ion Ratio Lower Upper

152 100

151 19.7 17.2 25.8

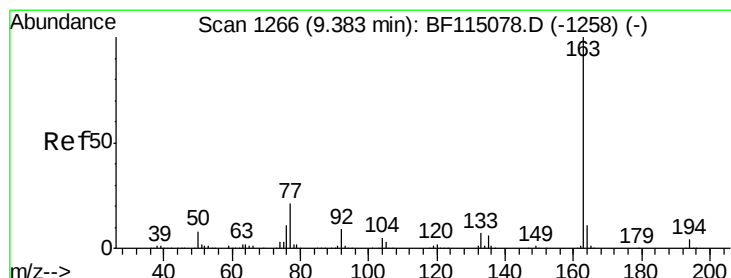
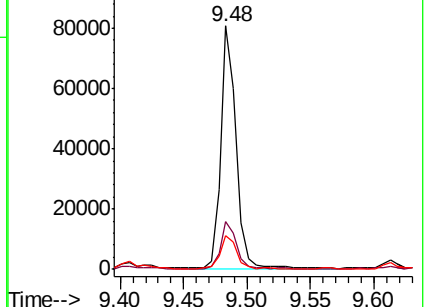
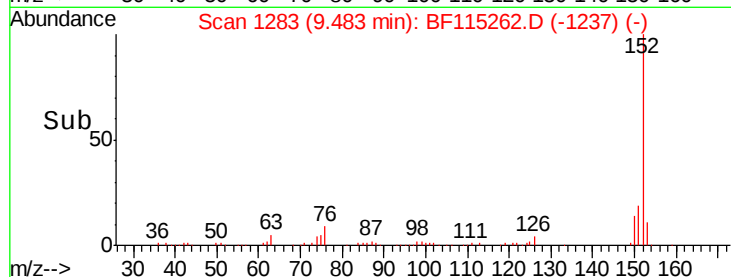
153 13.8 11.0 16.6



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



#50

Dimethylphthalate

Concen: 8.953 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

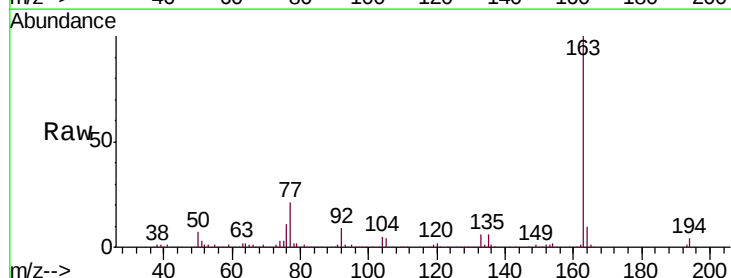
Tgt Ion:163 Resp: 288575

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

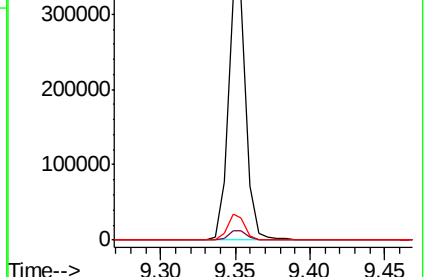
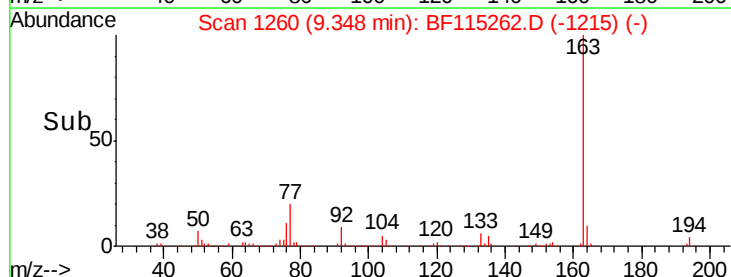
164 10.4 8.6 13.0

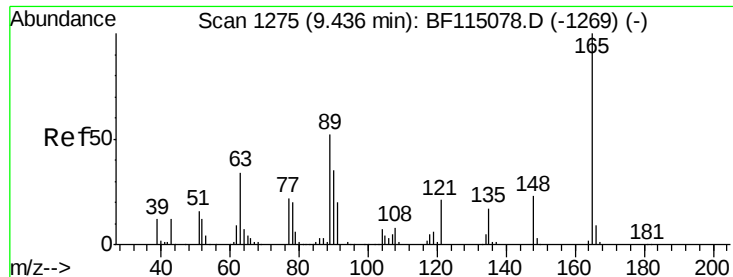


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

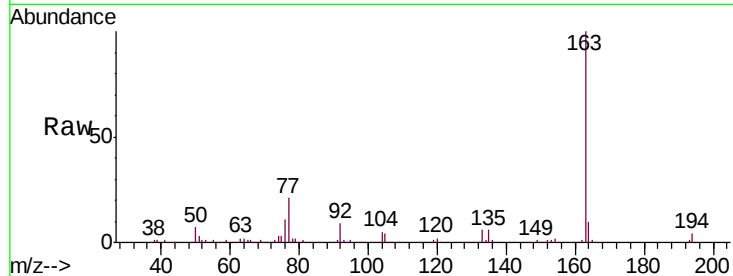




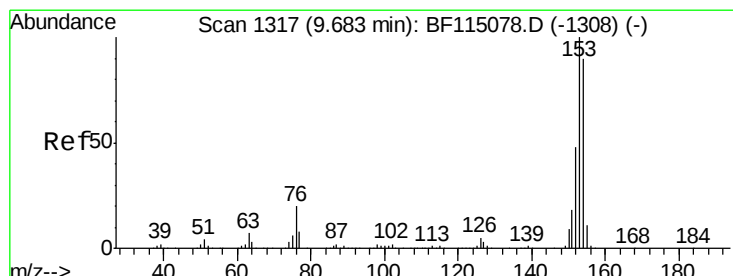
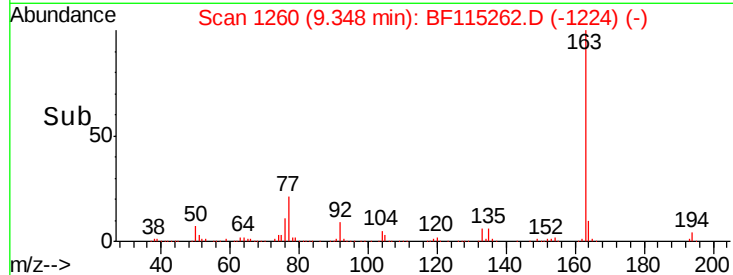
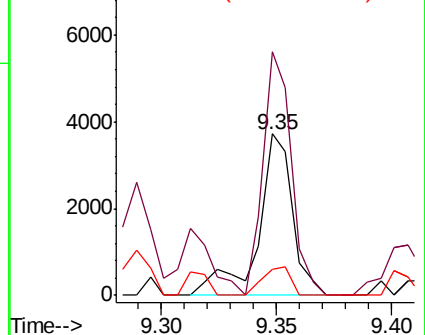
#51
 2,6-Dinitrotoluene
 Concen: 0.521 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. -0.09 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-B

Tgt Ion:165 Resp: 3874
 Ion Ratio Lower Upper
 165 100
 63 151.0 39.4 59.2#
 89 16.4 42.0 63.0#

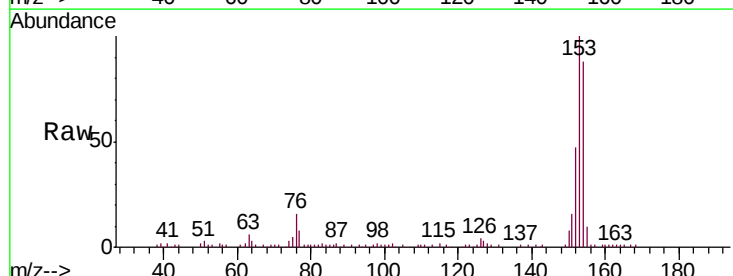


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

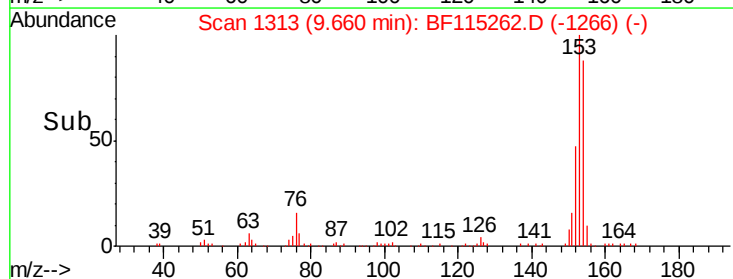
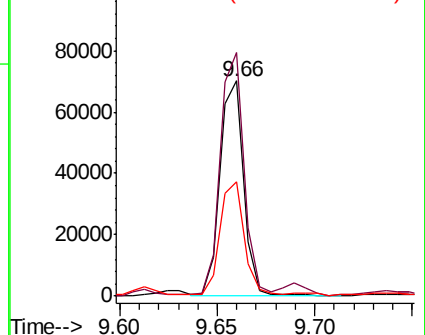


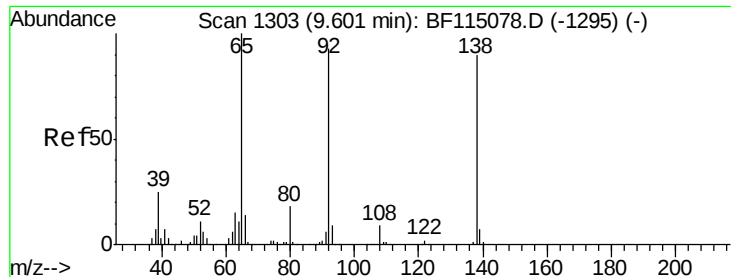
#52
 Acenaphthene
 Concen: 2.145 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Tgt Ion:154 Resp: 59466
 Ion Ratio Lower Upper
 154 100
 153 113.2 88.7 133.1
 152 53.3 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

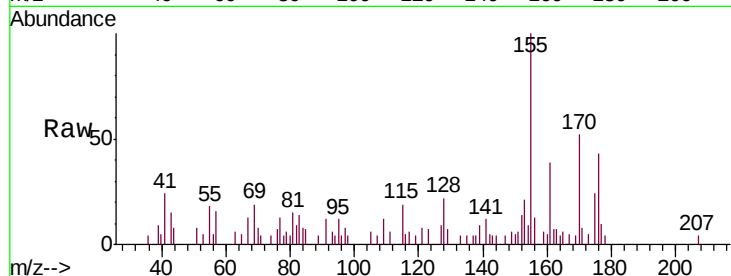




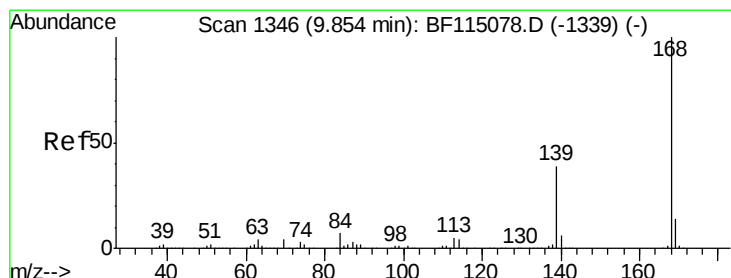
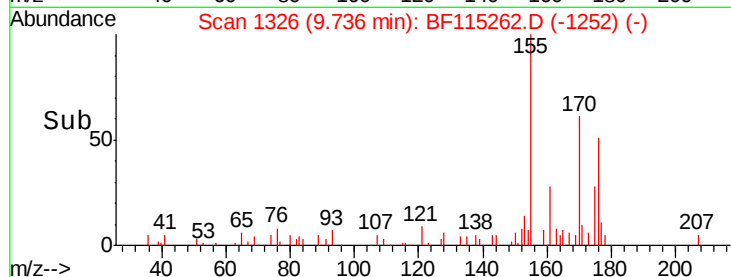
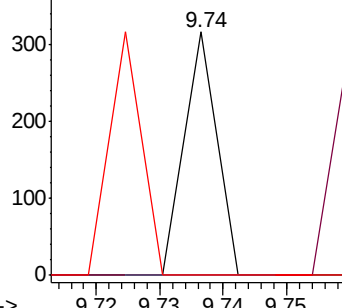
#53
3-Nitroaniline
Concen: 0.012 ng
RT: 9.74 min Scan# 1326
Delta R.T. 0.14 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:138 Resp: 112
Ion Ratio Lower Upper
138 100
108 0.0 7.8 11.6#
92 0.0 82.9 124.3#

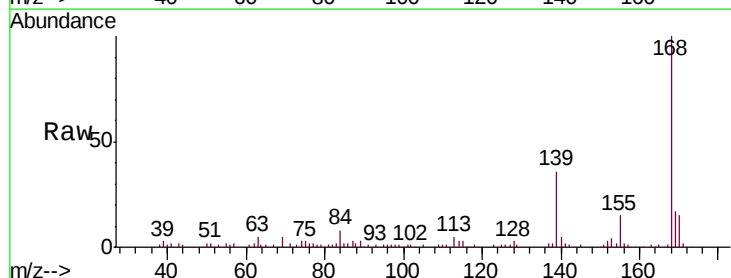


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

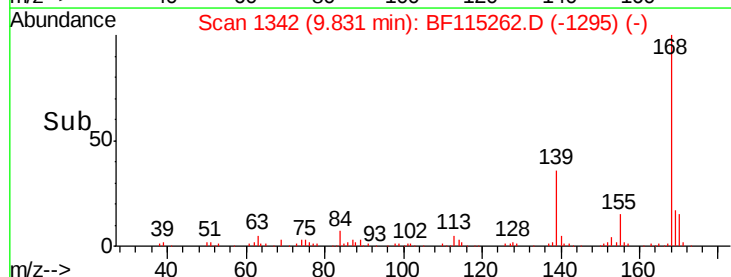
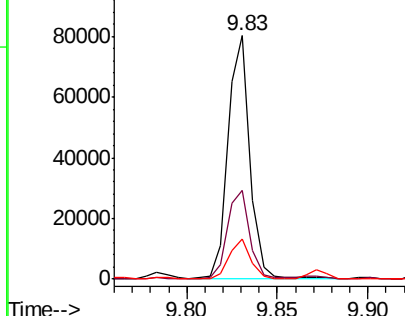


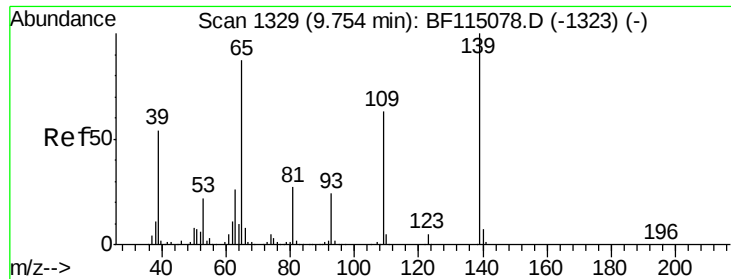
#55
Dibenzofuran
Concen: 1.694 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:168 Resp: 67390
Ion Ratio Lower Upper
168 100
139 36.4 31.1 46.7
169 16.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

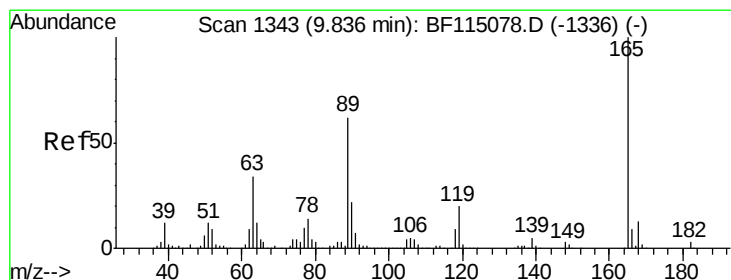
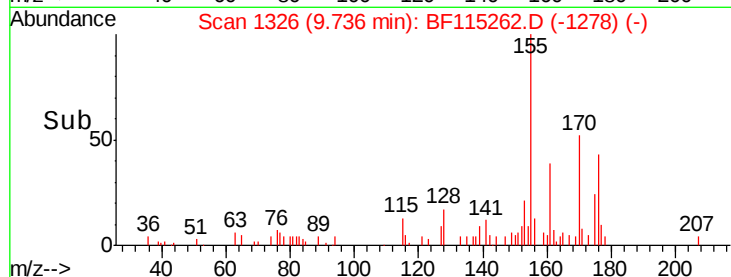
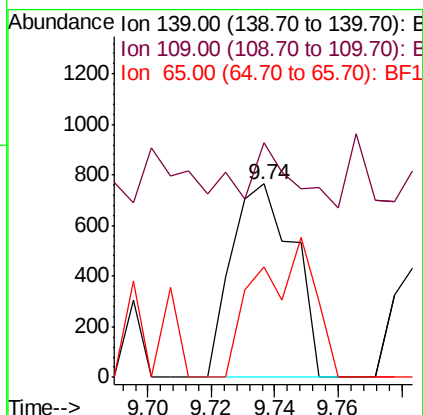
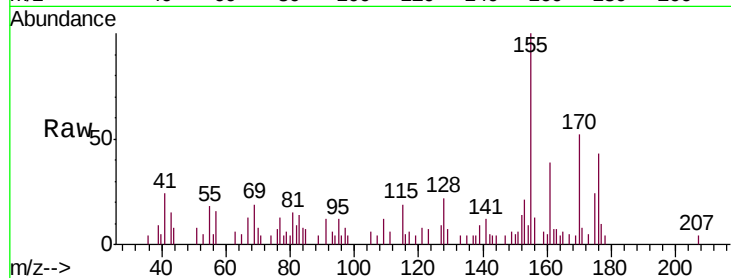




#56
4-Nitrophenol
Concen: 0.142 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

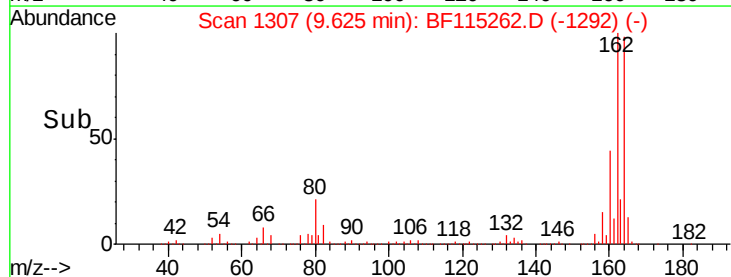
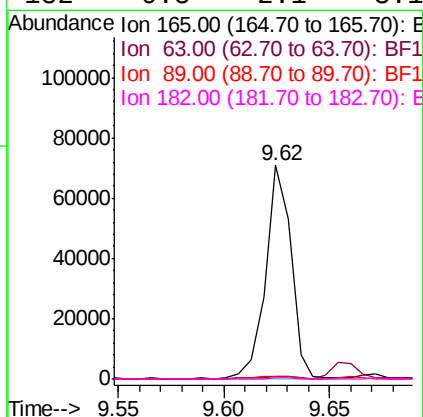
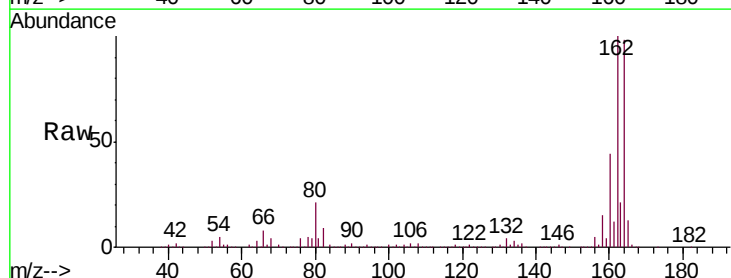
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

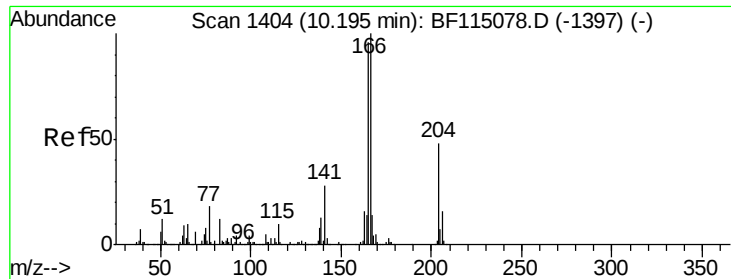
Tgt Ion:139 Resp: 1036
Ion Ratio Lower Upper
139 100
109 121.3 43.0 83.0#
65 57.2 67.0 107.0#



#57
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:165 Resp: 60038
Ion Ratio Lower Upper
165 100
63 1.0 27.5 41.3#
89 1.1 49.9 74.9#
182 0.5 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 10.17 min Scan# 1399

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

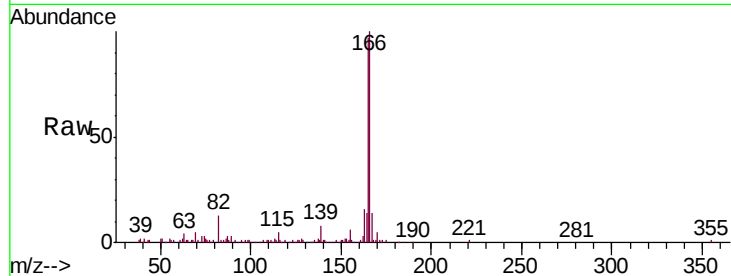
Tgt Ion:166 Resp: 92047

Ion Ratio Lower Upper

166 100

165 97.3 76.5 114.7

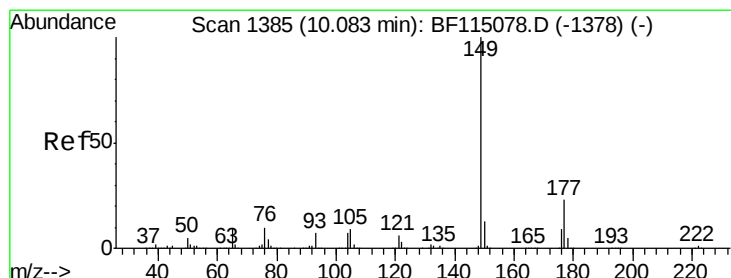
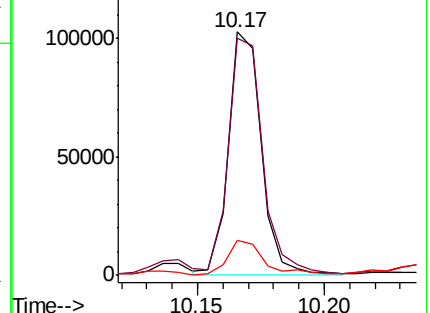
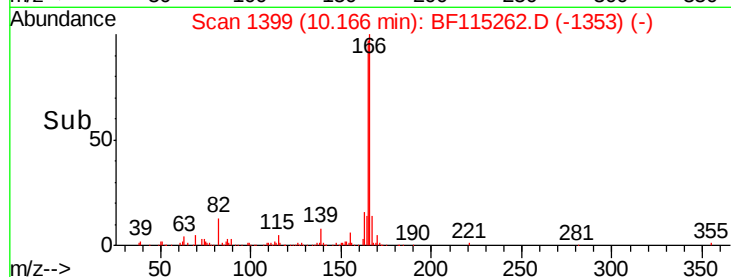
167 14.5 11.0 16.4



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: 0.059 ng

RT: 10.05 min Scan# 1380

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

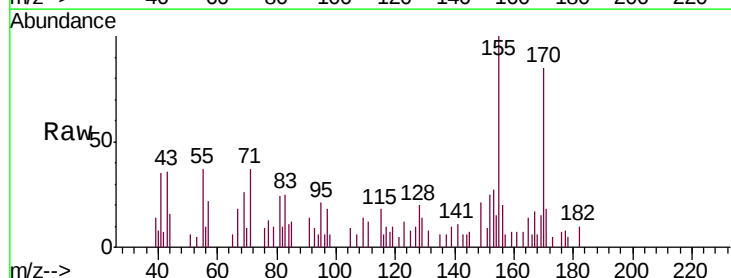
Tgt Ion:149 Resp: 1917

Ion Ratio Lower Upper

149 100

177 37.9 18.7 28.1#

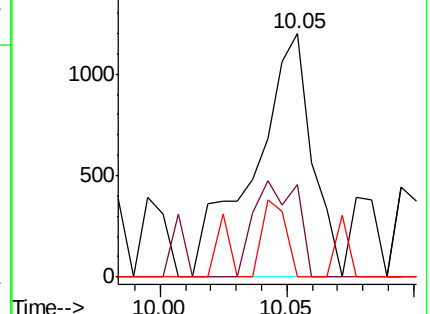
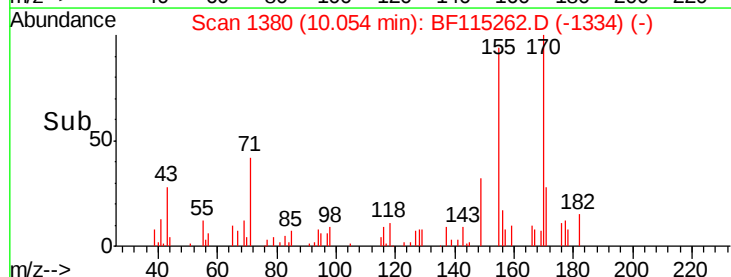
150 0.0 10.4 15.6#

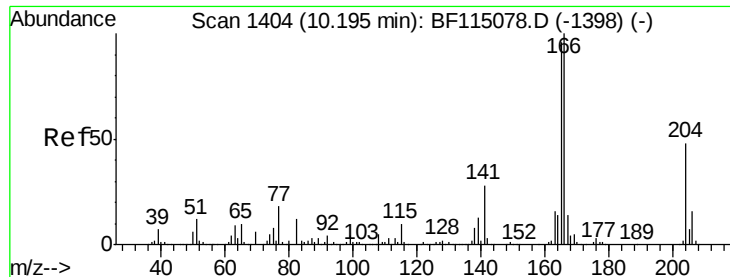


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

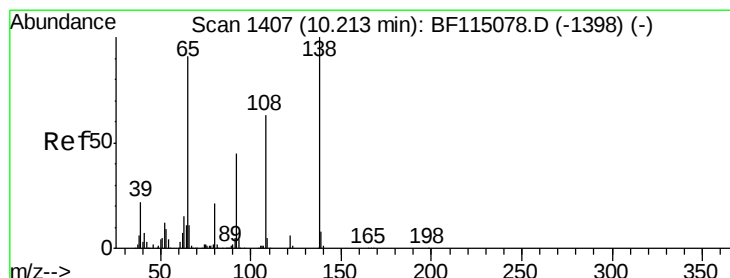
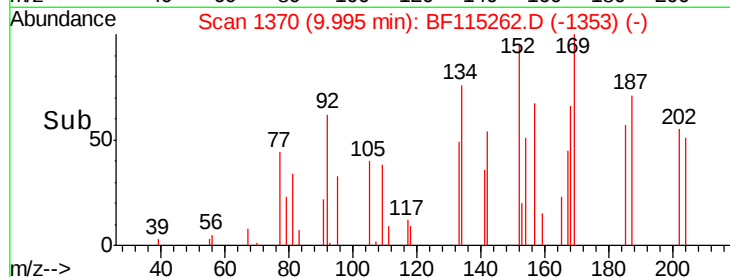
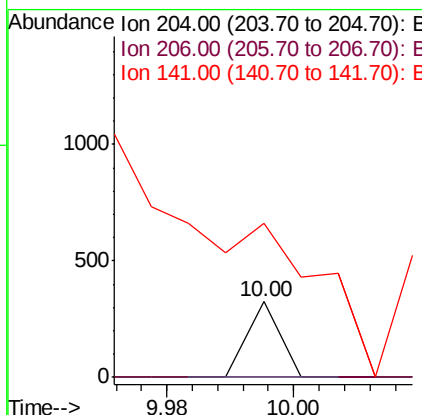
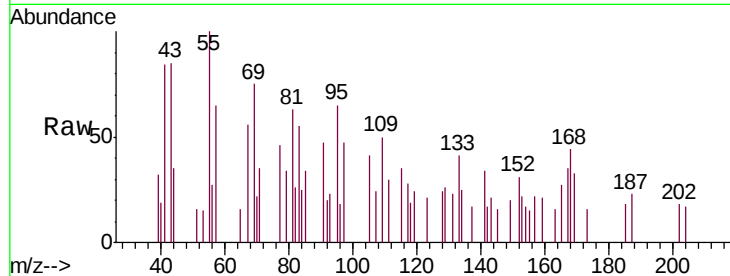




#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.20 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

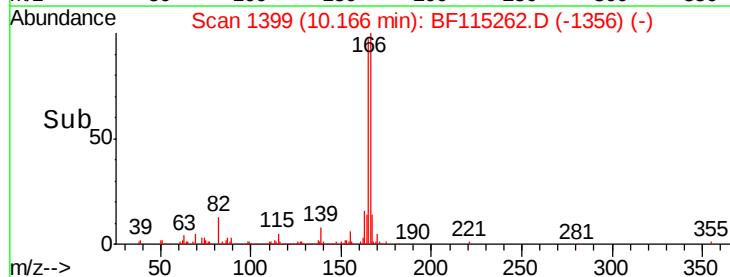
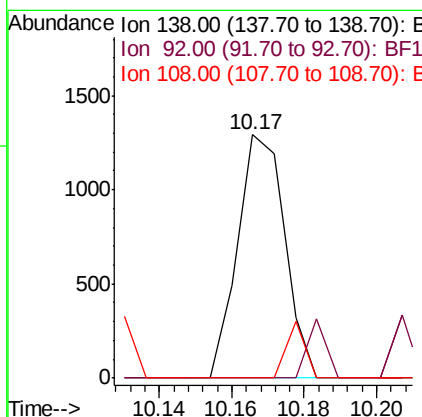
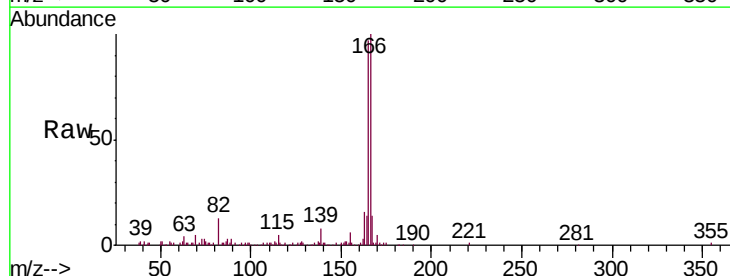
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-B

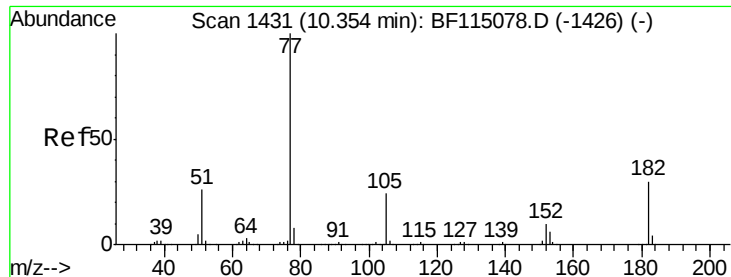
Tgt Ion: 204 Resp: 115
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 202.8 46.7 70.1#



#62
 4-Nitroaniline
 Concen: 0.128 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.05 min
 Lab File: BF115262.D
 Acq: 28 Jun 2019 4:01

Tgt Ion: 138 Resp: 1164
 Ion Ratio Lower Upper
 138 100
 92 0.0 24.8 64.8#
 108 0.0 43.3 83.3#





#63

Azobenzene

Concen: 0.034 ng

RT: 10.33 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

Tgt Ion: 77 Resp: 1040

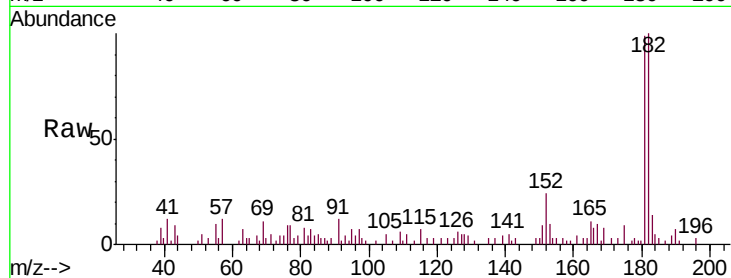
Ion Ratio Lower Upper

77 100

182 1150.1 10.1 50.1#

105 56.3 4.5 44.5#

51 54.5 6.4 46.4#

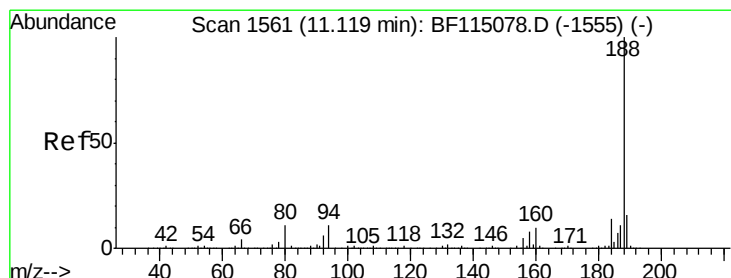
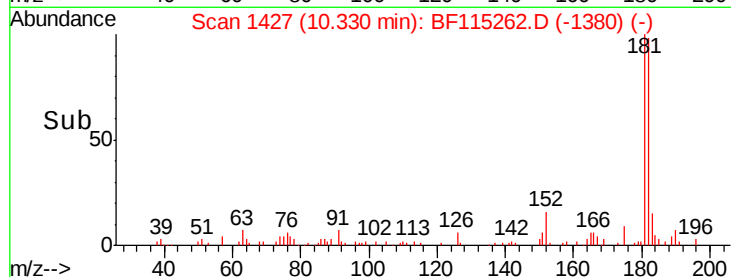
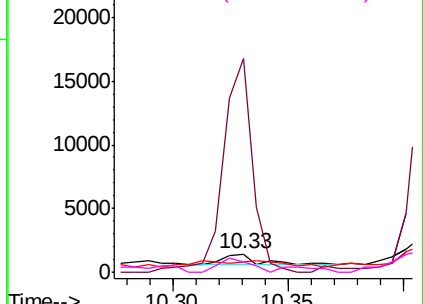


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1558

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

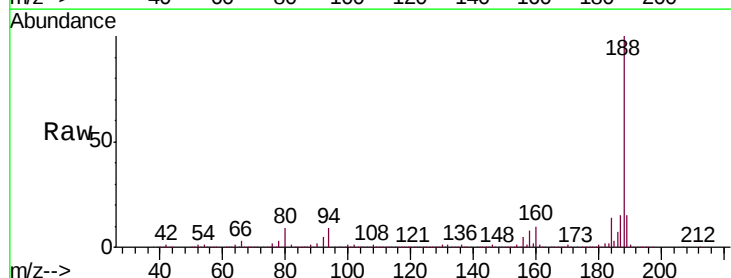
Tgt Ion: 188 Resp: 874423

Ion Ratio Lower Upper

188 100

94 8.5 8.6 12.8#

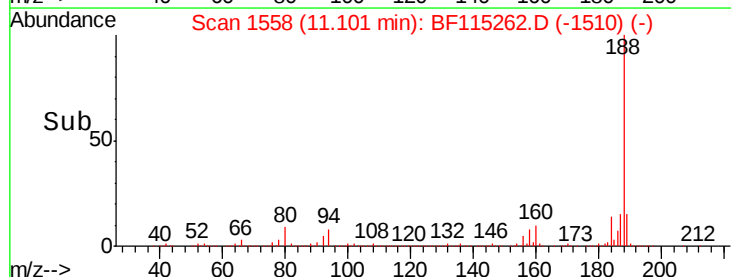
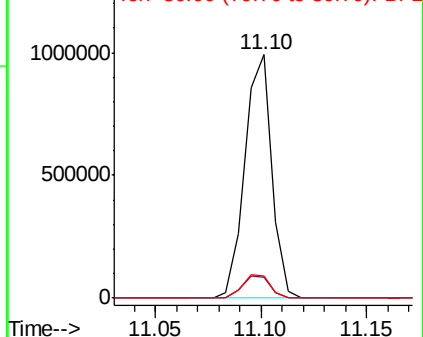
80 9.2 8.8 13.2

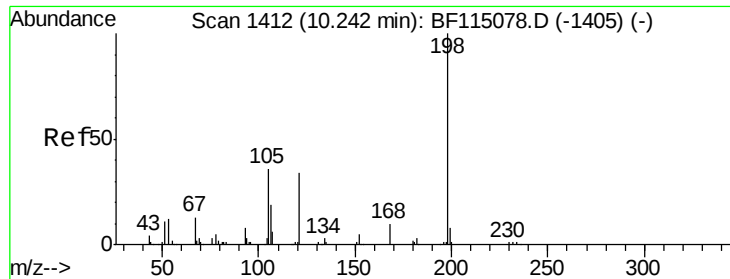


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.083 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.16 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

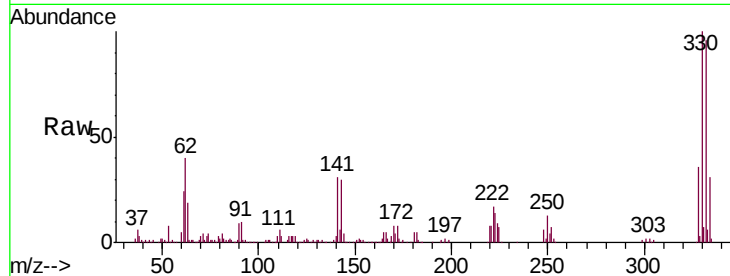
Tgt Ion:198 Resp: 638

Ion Ratio Lower Upper

198 100

51 166.0 11.0 51.0#

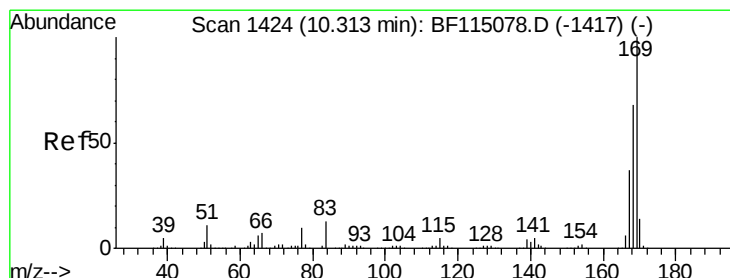
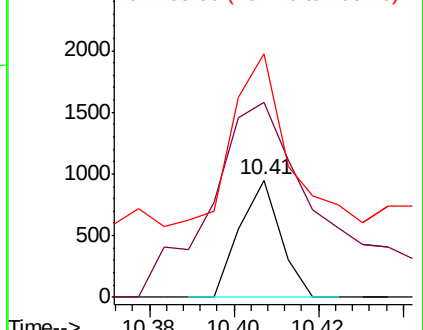
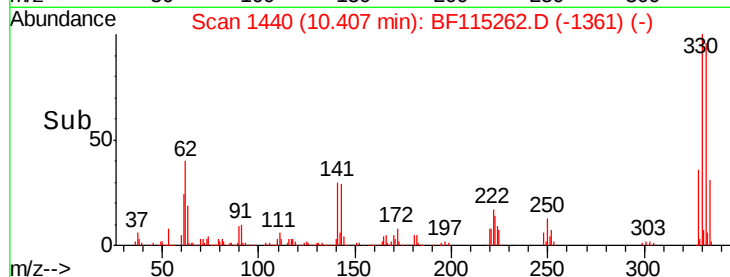
105 207.5 17.3 57.3#



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: 0.134 ng

RT: 10.29 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

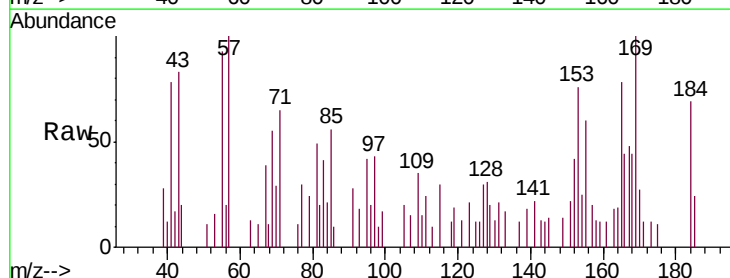
Tgt Ion:169 Resp: 3663

Ion Ratio Lower Upper

169 100

168 44.3 54.2 81.4#

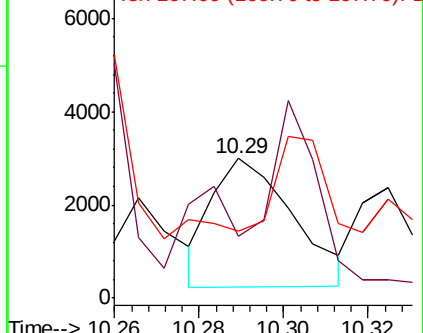
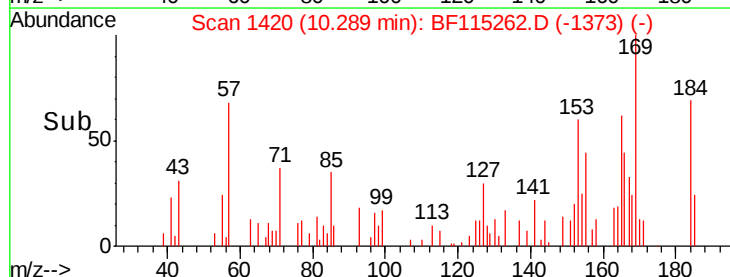
167 47.7 29.4 44.0#

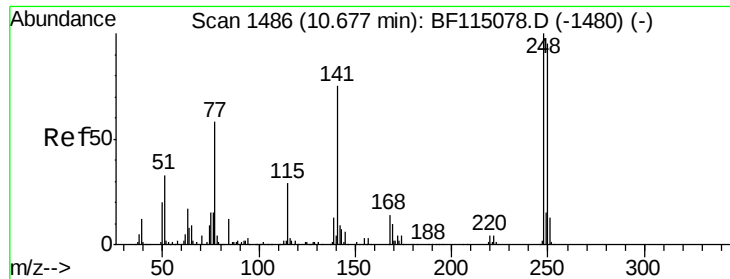


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

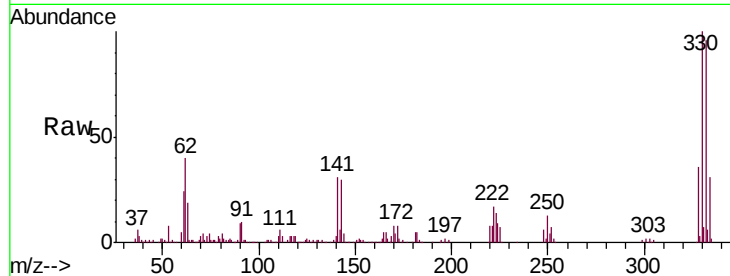




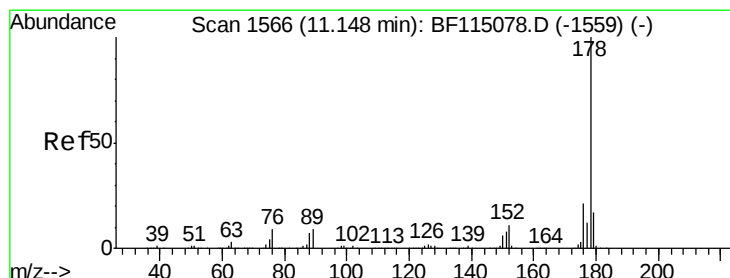
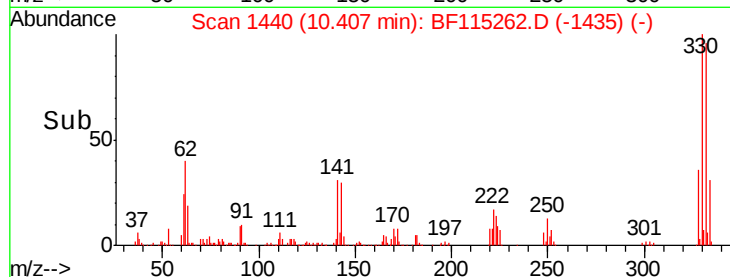
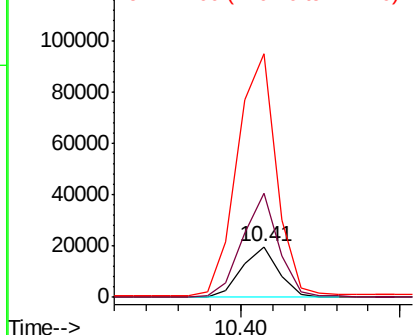
#67
4-Bromophenyl-phenylether
Concen: 1.675 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.27 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion:248 Resp: 15881
Ion Ratio Lower Upper
248 100
250 205.0 76.2 114.2#
141 478.1 59.6 89.4#

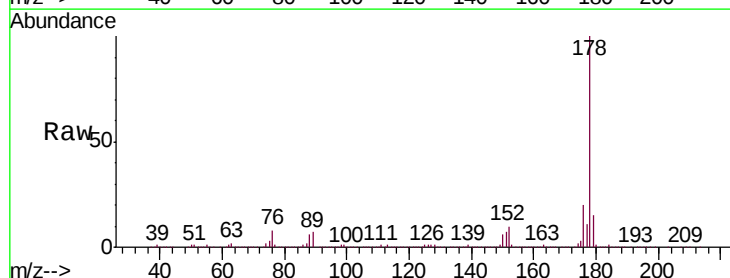


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

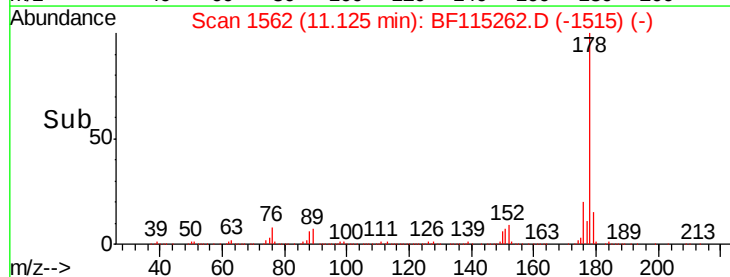
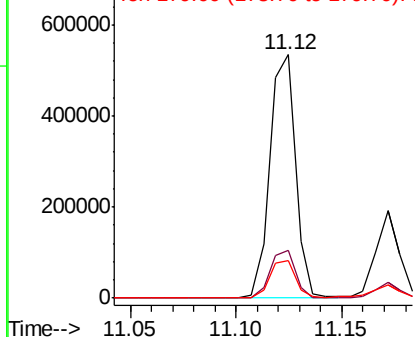


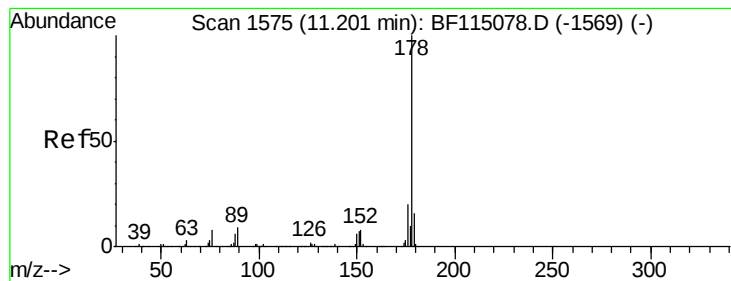
#71
Phenanthrene
Concen: 9.599 ng
RT: 11.12 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:178 Resp: 451940
Ion Ratio Lower Upper
178 100
176 19.5 16.9 25.3
179 15.5 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: 3.035 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

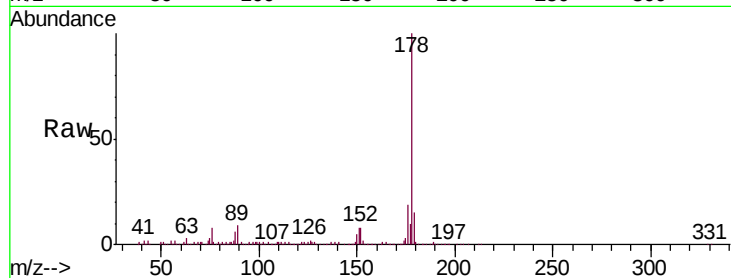
Tgt Ion:178 Resp: 144230

Ion Ratio Lower Upper

178 100

176 18.8 16.1 24.1

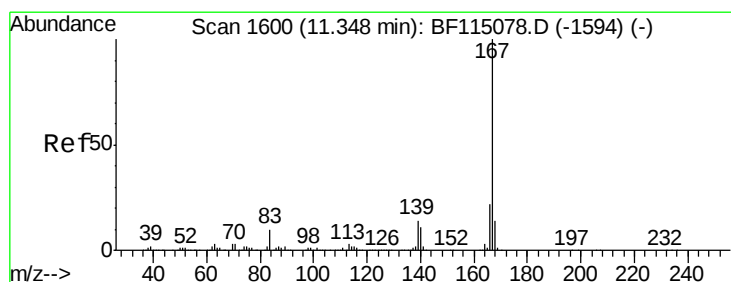
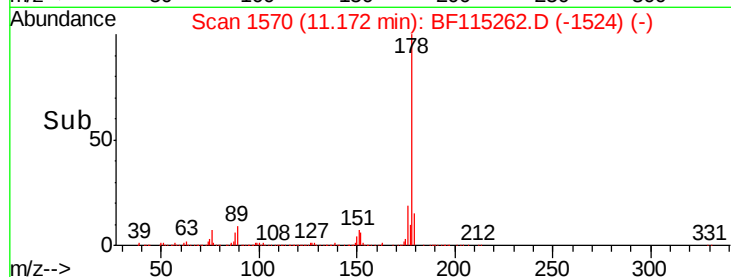
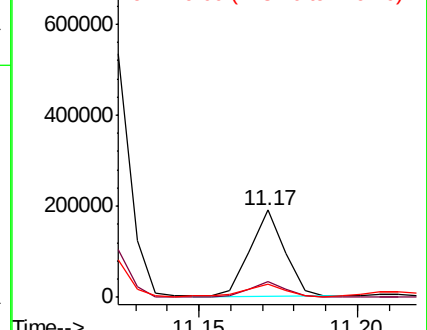
179 15.4 12.9 19.3



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: 0.966 ng

RT: 11.32 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

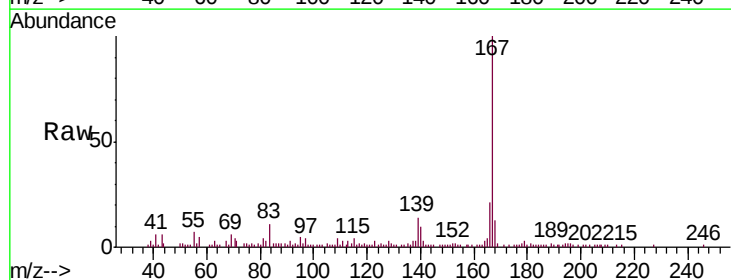
Tgt Ion:167 Resp: 40991

Ion Ratio Lower Upper

167 100

166 21.0 18.0 27.0

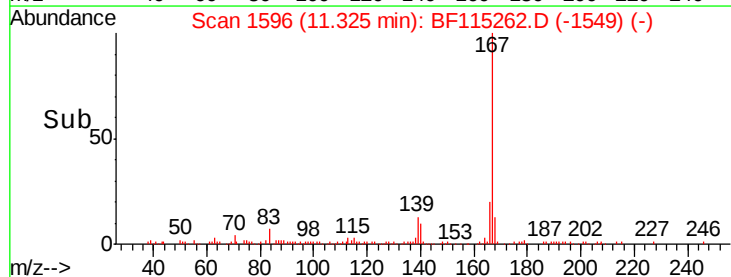
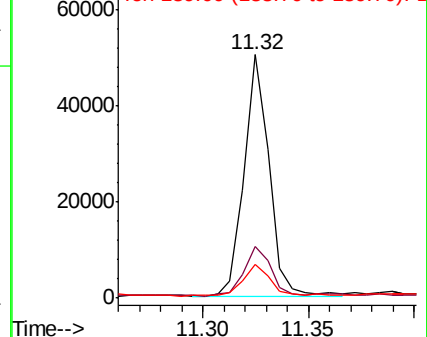
139 14.1 11.1 16.7

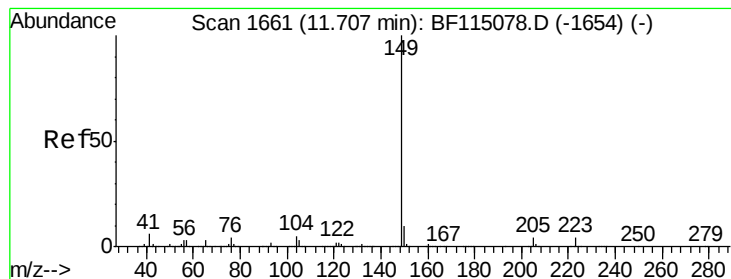


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.083 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

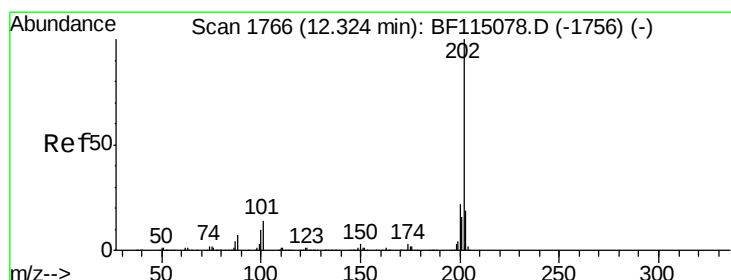
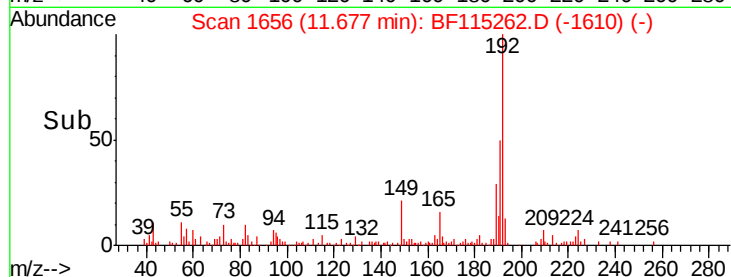
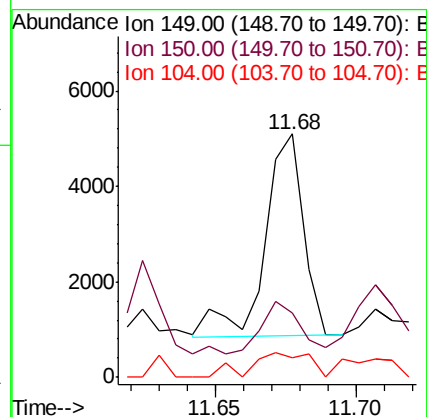
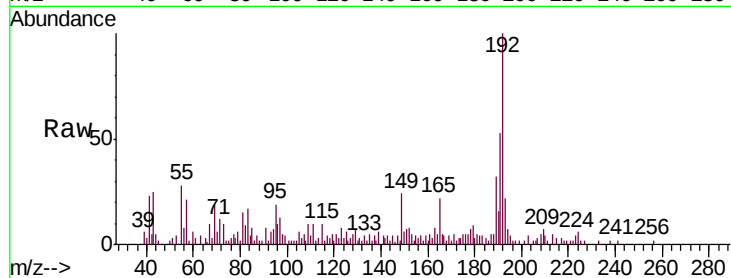
Tgt Ion:149 Resp: 4056

Ion Ratio Lower Upper

149 100

150 26.6 7.8 11.8#

104 8.2 3.7 5.5#



#75

Fluoranthene

Concen: 10.578 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

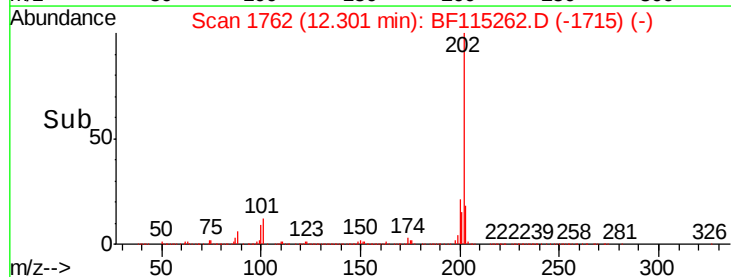
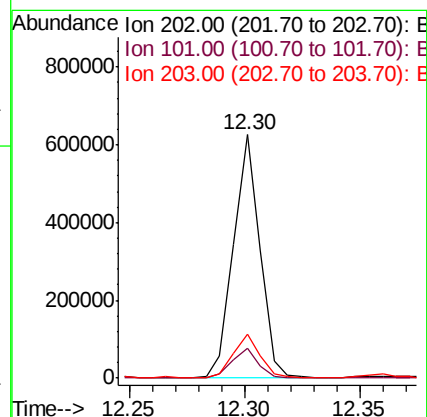
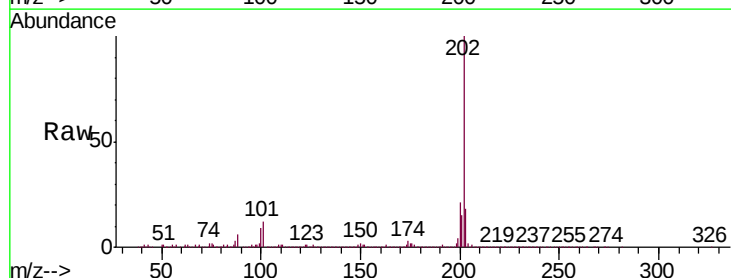
Tgt Ion:202 Resp: 496906

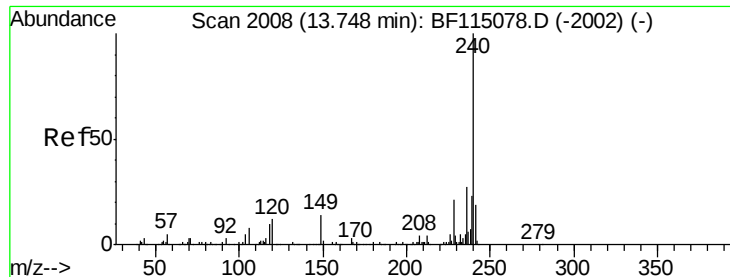
Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.0

203 18.2 0.0 38.8

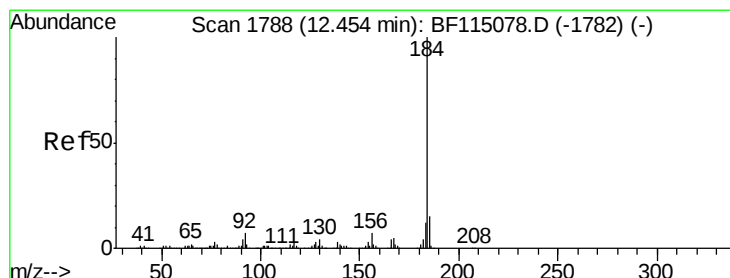
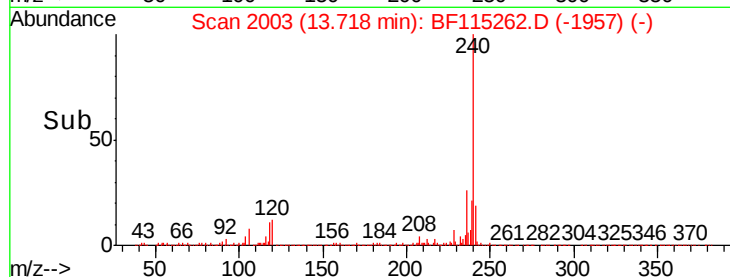
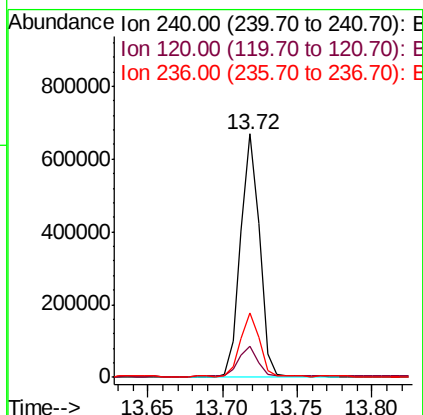
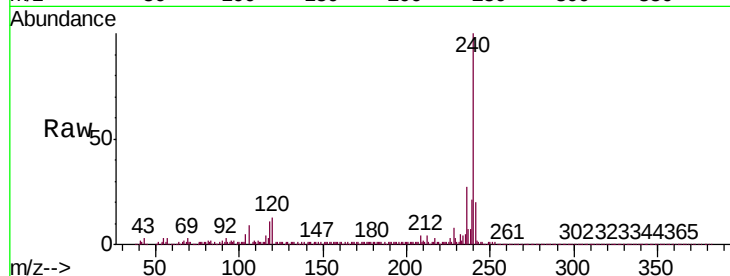




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

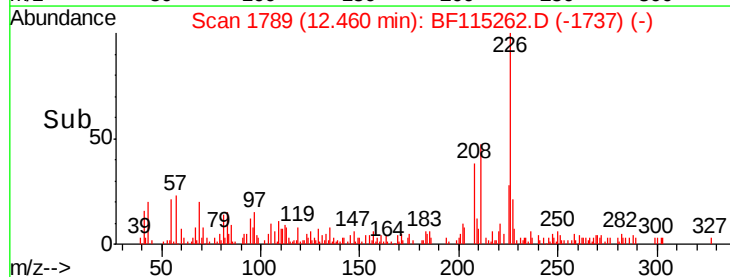
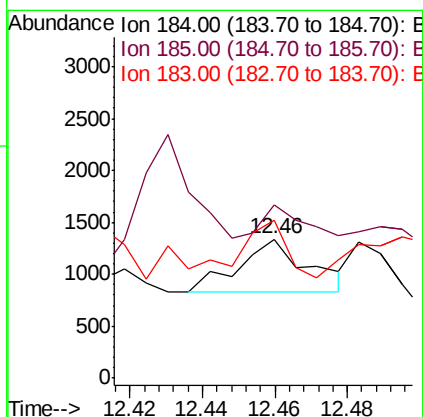
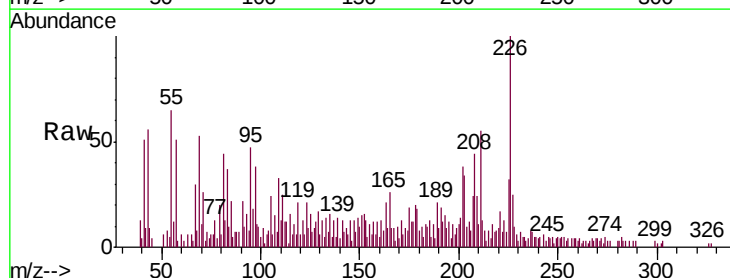
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

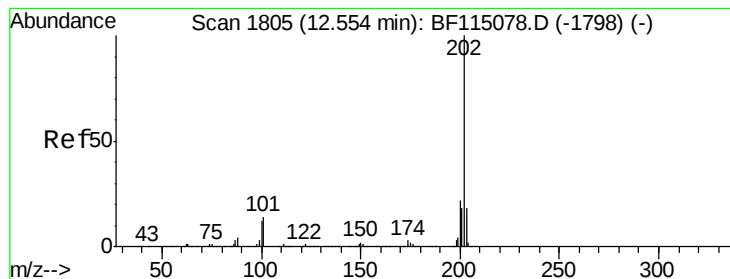
Tgt Ion:240 Resp: 590273
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 26.7 21.7 32.5



#77
Benzidine
Concen: 0.025 ng
RT: 12.46 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF115262.D
Acq: 28 Jun 2019 4:01

Tgt Ion:184 Resp: 666
Ion Ratio Lower Upper
184 100
185 124.2 12.2 18.2#
183 113.0 9.6 14.4#





#78

Pyrene

Concen: 10.547 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

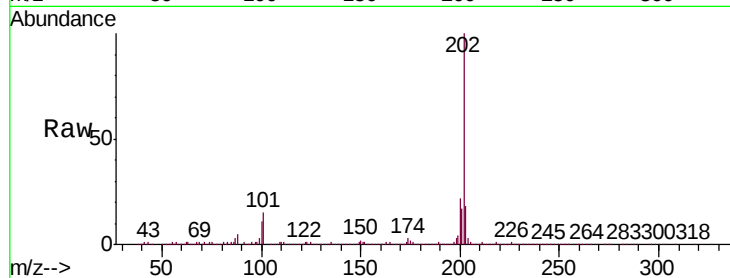
Tgt Ion:202 Resp: 478458

Ion Ratio Lower Upper

202 100

200 21.7 17.9 26.9

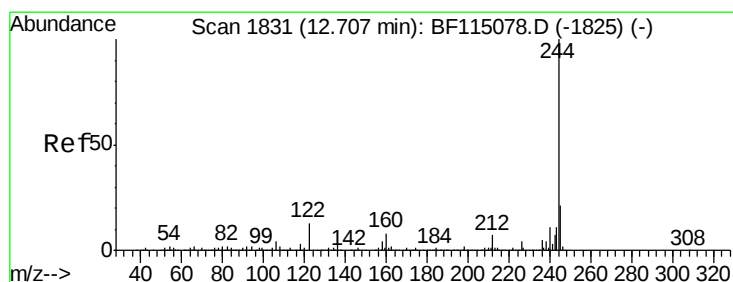
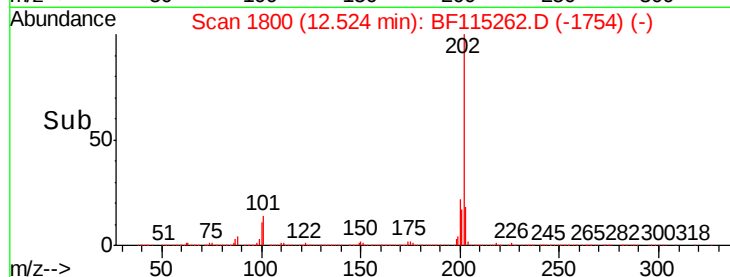
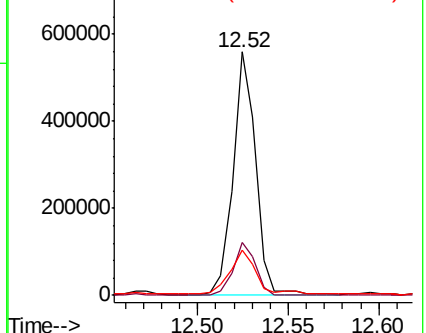
203 18.4 14.6 21.8



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: 40.517 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

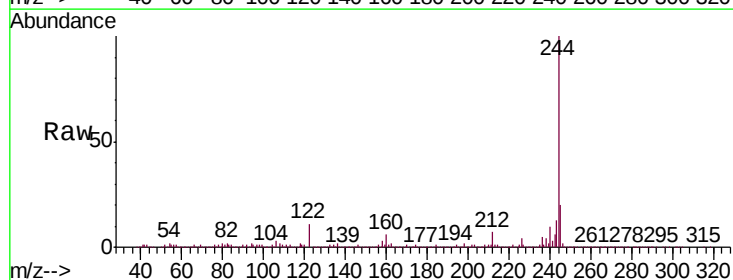
Tgt Ion:244 Resp: 1124853

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

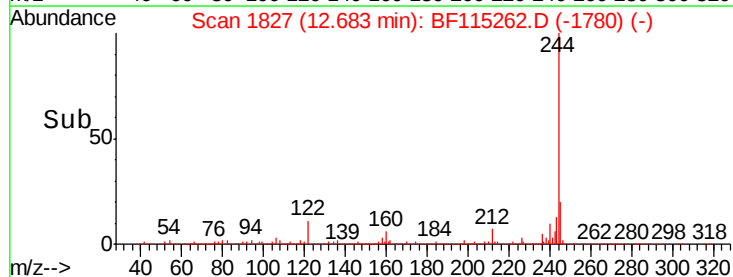
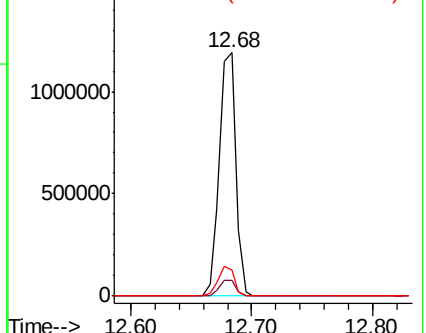
122 10.6 10.4 15.6

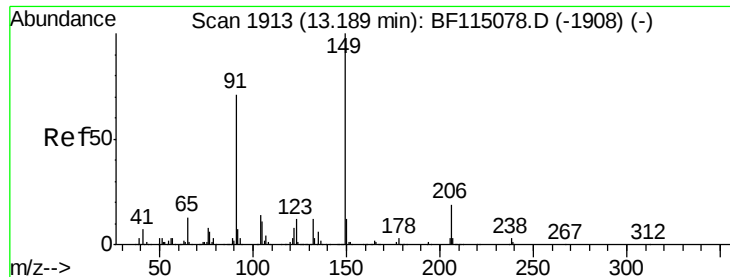


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.010 ng

RT: 13.17 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

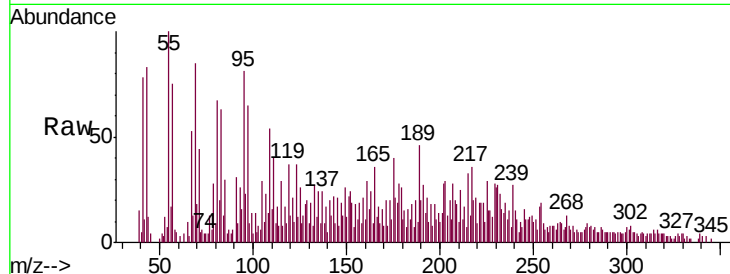
Tgt Ion:149 Resp: 201

Ion Ratio Lower Upper

149 100

91 120.4 56.5 84.7#

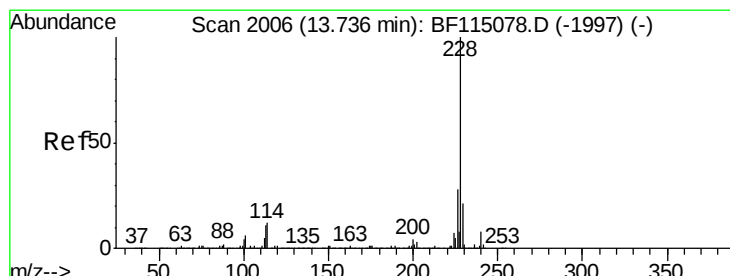
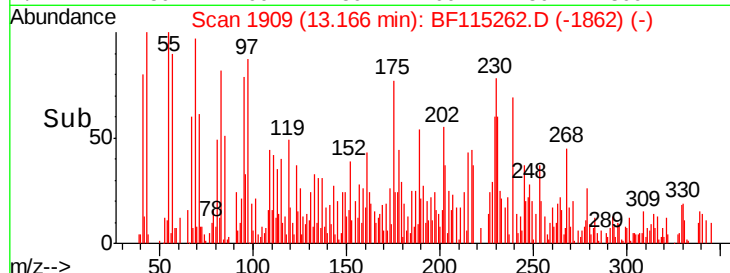
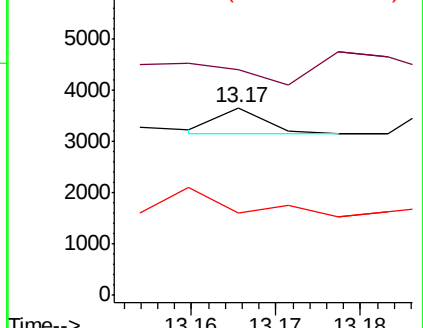
206 44.2 15.3 22.9#



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: 4.156 ng

RT: 13.74 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

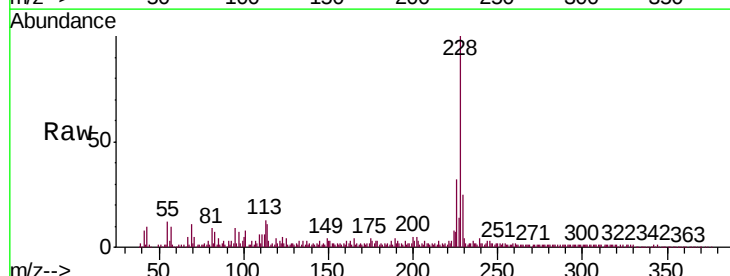
Tgt Ion:228 Resp: 176037

Ion Ratio Lower Upper

228 100

226 31.7 22.5 33.7

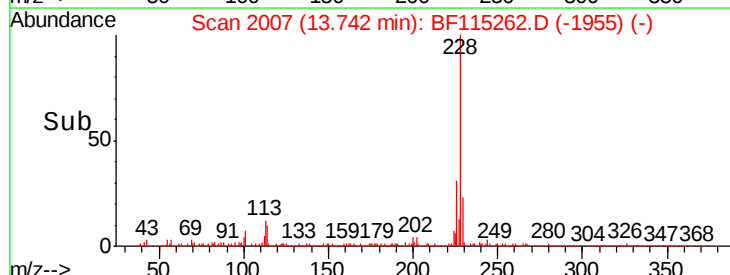
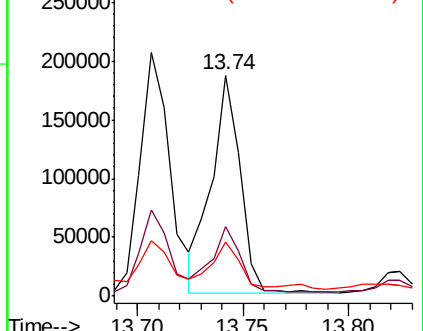
229 24.6 16.6 24.8

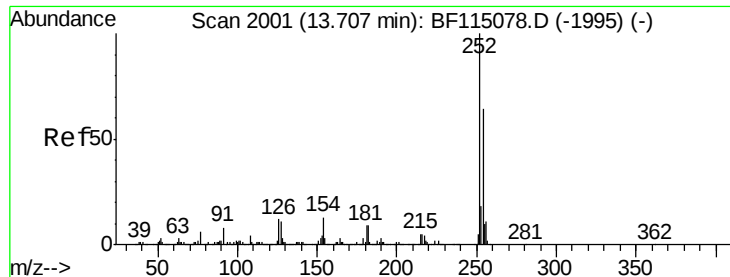


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.102 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

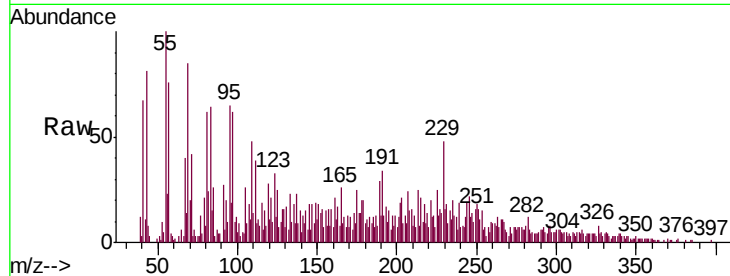
Tgt Ion:252 Resp: 1557

Ion Ratio Lower Upper

252 100

254 53.9 51.1 76.7

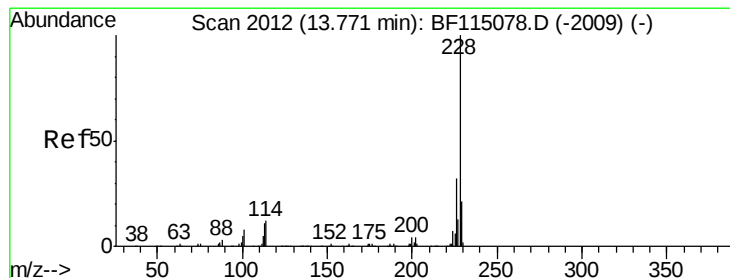
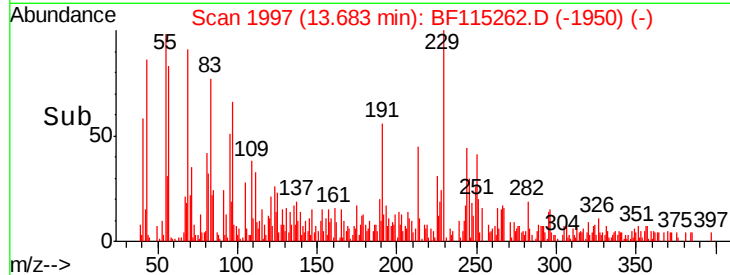
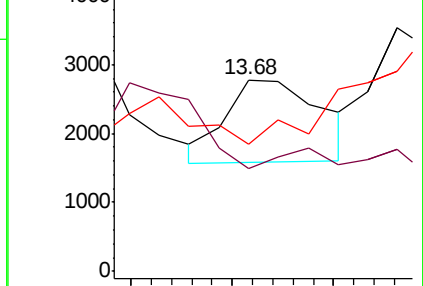
126 66.4 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 4.537 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

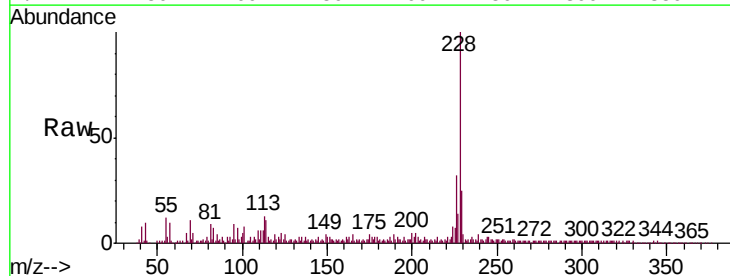
Tgt Ion:228 Resp: 176037

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

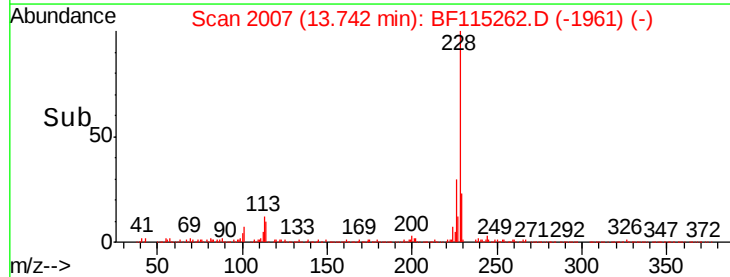
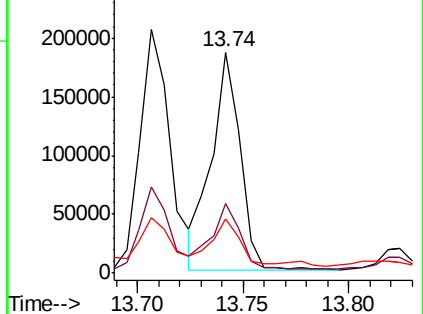
229 24.6 16.5 24.7

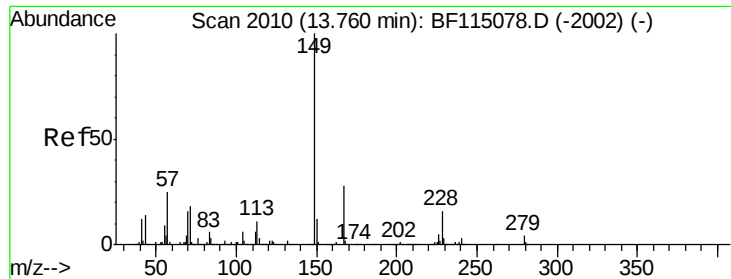


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.321 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

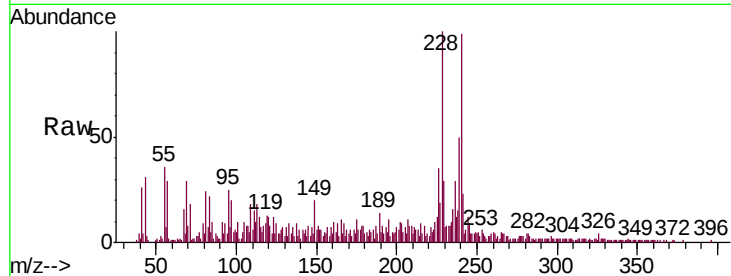
Tgt Ion:149 Resp: 8420

Ion Ratio Lower Upper

149 100

167 43.1 22.2 33.4#

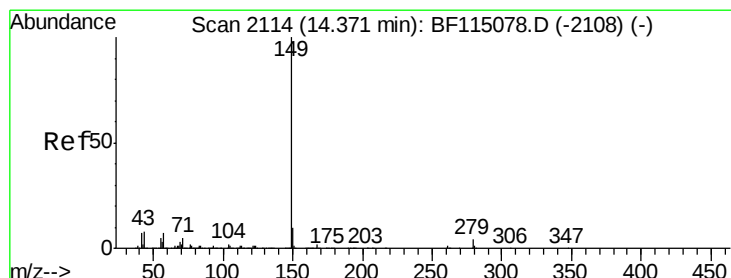
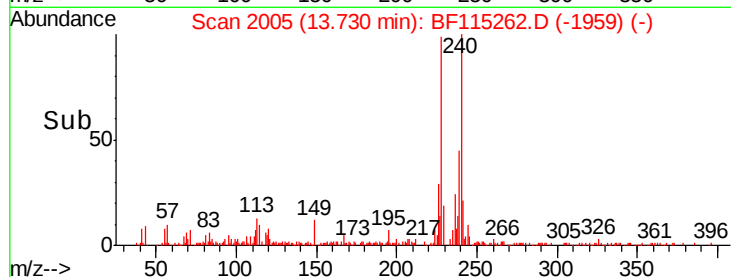
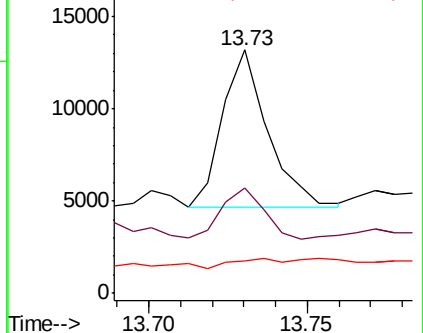
279 13.5 2.9 4.3#



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: 0.082 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

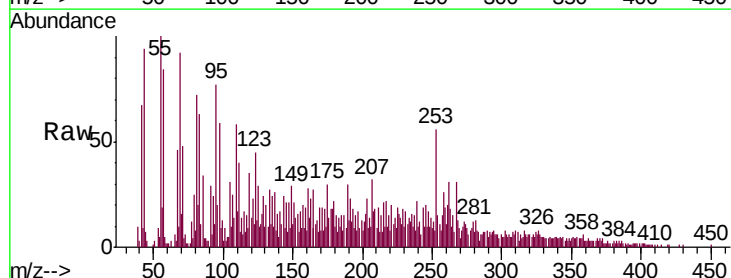
Tgt Ion:149 Resp: 3609

Ion Ratio Lower Upper

149 100

167 39.2 1.2 1.8#

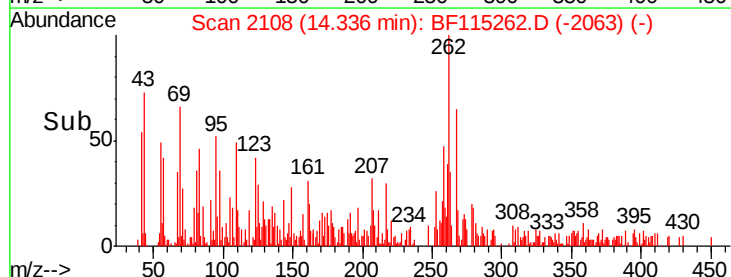
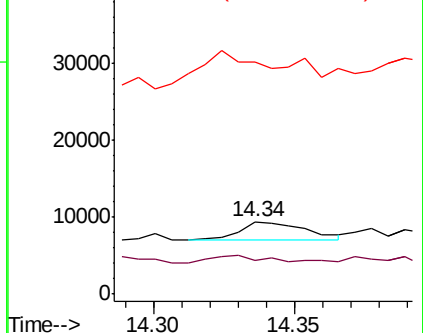
43 222.5 7.0 10.6#

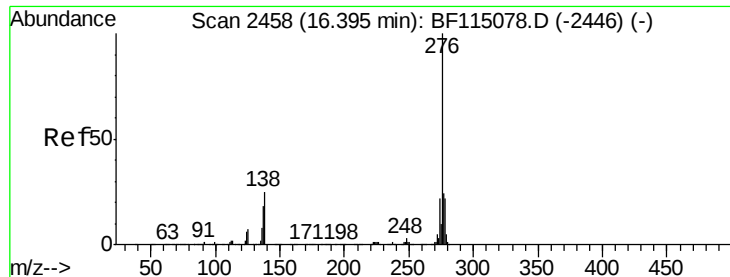


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.444 ng

RT: 16.35 min Scan# 2450

Delta R.T. -0.05 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

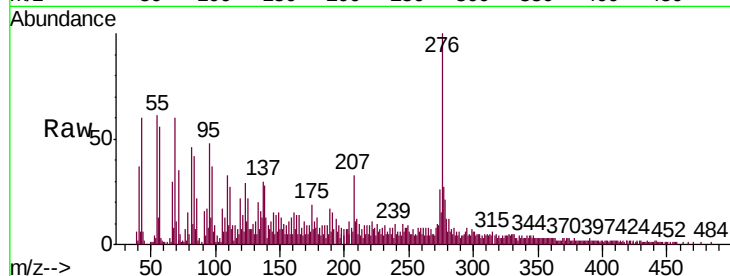
Tgt Ion: 276 Resp: 66299

Ion Ratio Lower Upper

276 100

138 28.2 23.2 34.8

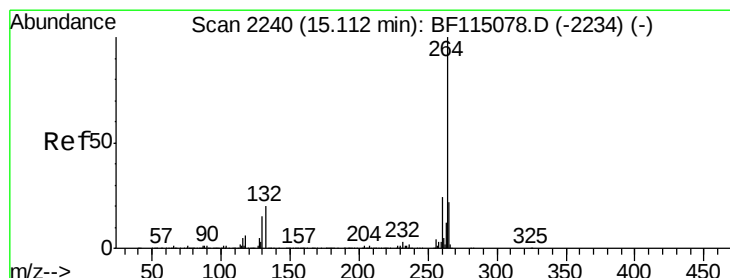
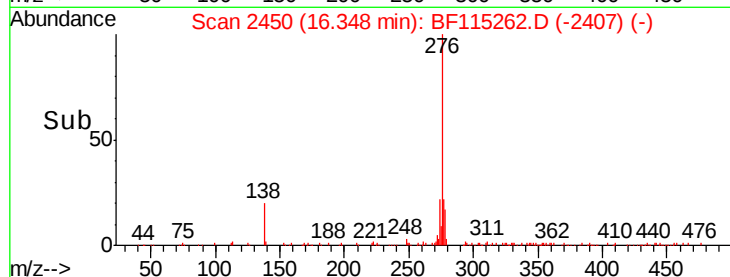
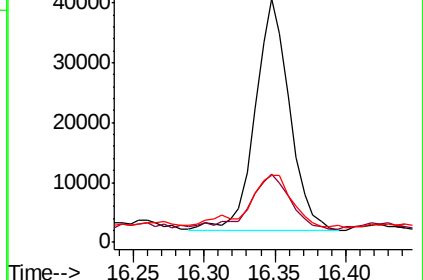
277 23.7 20.1 30.1



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: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

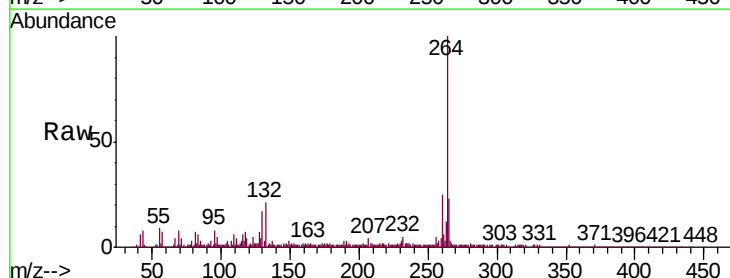
Tgt Ion: 264 Resp: 407345

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

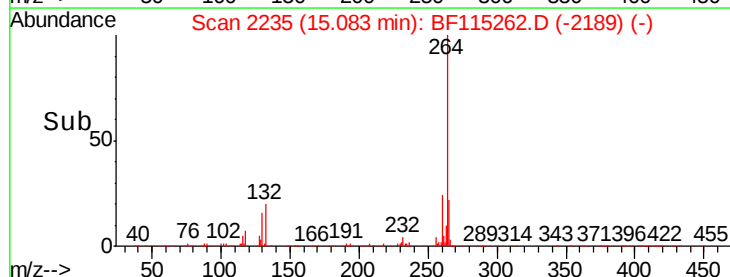
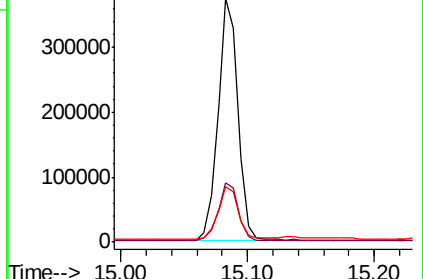
265 22.8 17.3 25.9

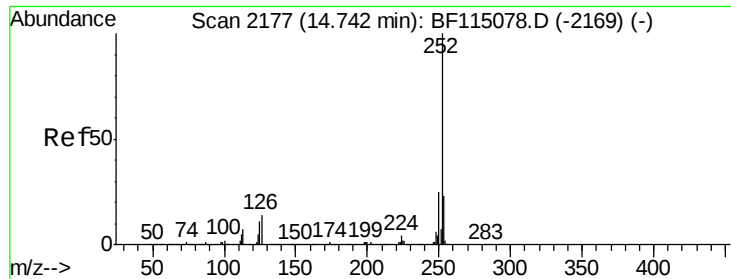


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 8.275 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.03 min

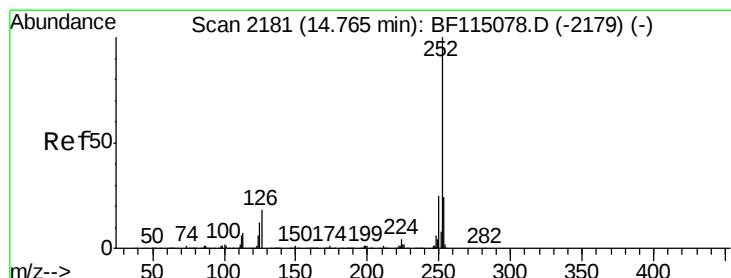
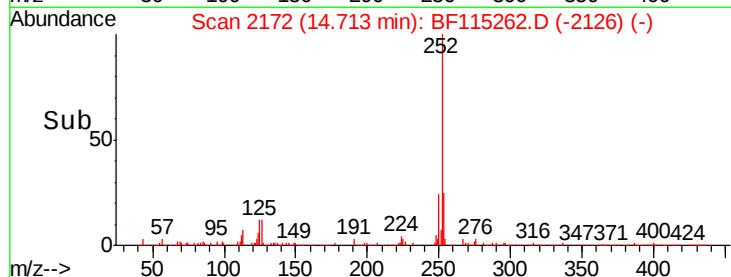
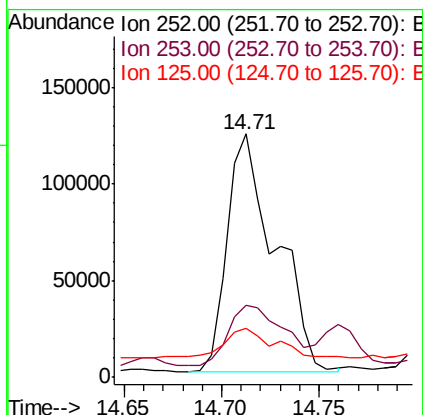
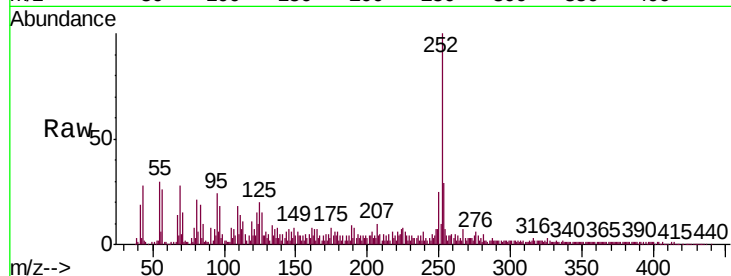
Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Tgt Ion: 252 Resp: 210339

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.1	27.1#
125	20.0	8.7	13.1#



#89

Benzo(k)fluoranthene

Concen: 9.228 ng

RT: 14.71 min Scan# 2172

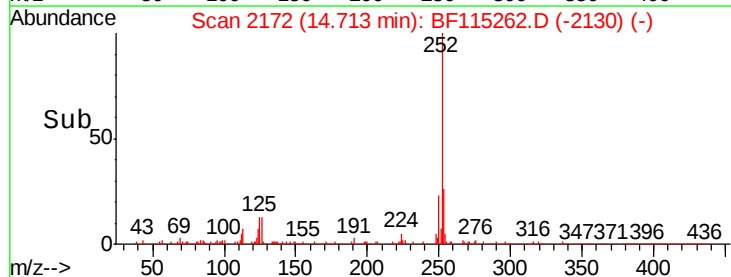
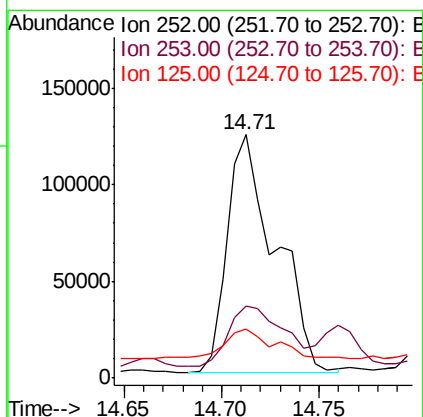
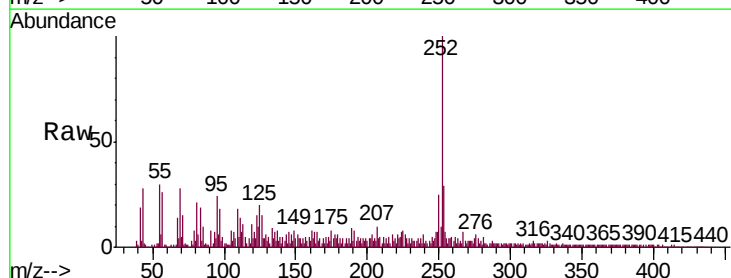
Delta R.T. -0.05 min

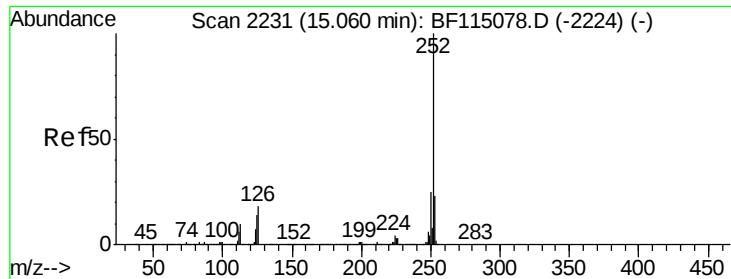
Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Tgt Ion: 252 Resp: 210339

Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.9	28.3#
125	20.0	10.2	15.2#





#90

Benzo(a)pyrene

Concen: 4.884 ng

RT: 15.03 min Scan# 2226

Delta R.T. -0.03 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

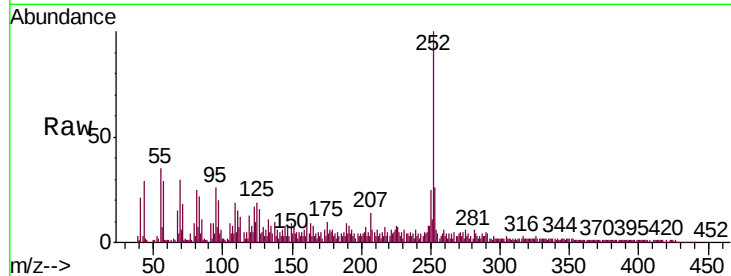
Tgt Ion: 252 Resp: 111881

Ion Ratio Lower Upper

252 100

253 25.9 18.3 27.5

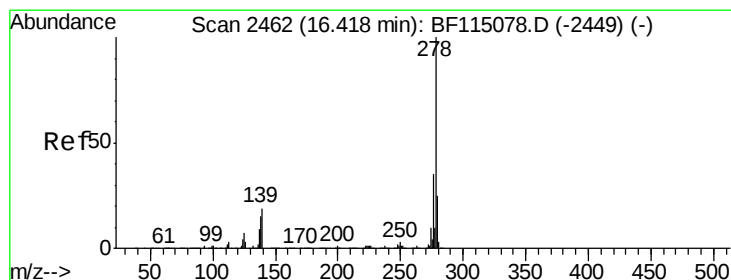
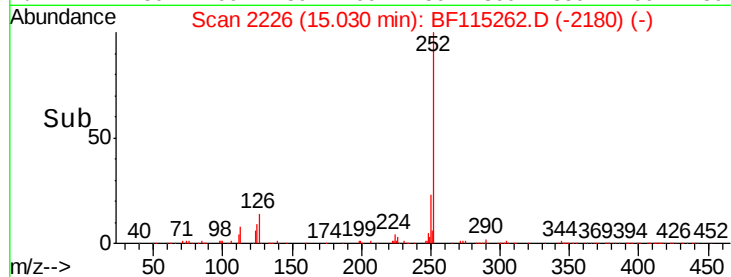
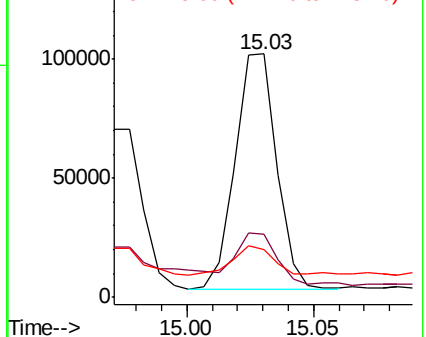
125 19.4 10.9 16.3#



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: 0.838 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.06 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

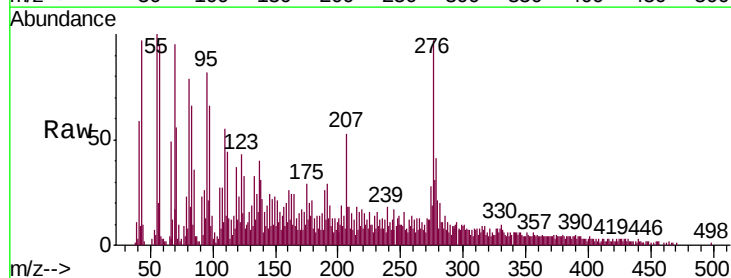
Tgt Ion: 278 Resp: 17922

Ion Ratio Lower Upper

278 100

139 54.4 15.4 23.2#

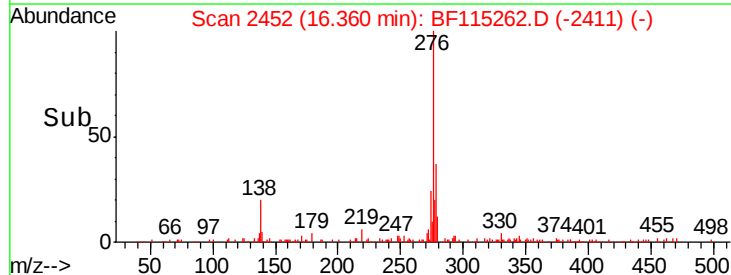
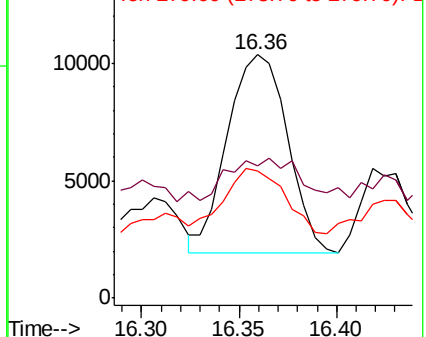
279 52.2 19.9 29.9#

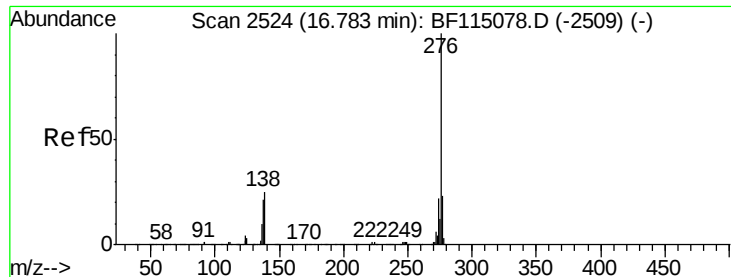


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.115 ng

RT: 16.73 min Scan# 2515

Delta R.T. -0.05 min

Lab File: BF115262.D

Acq: 28 Jun 2019 4:01

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-B

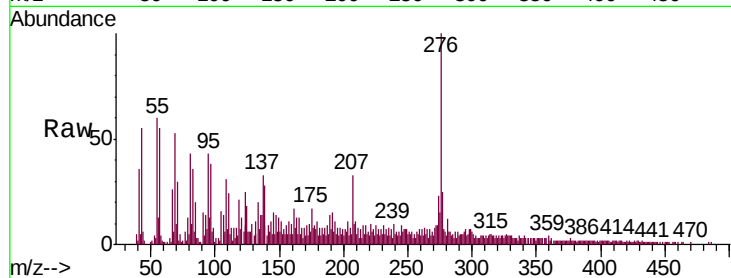
Tgt Ion: 276 Resp: 67422

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 28.3 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

