

Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 28 05:05:49 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	240565	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	937555	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	472821	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	942042	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	697512	20.00	ng	-0.03
87) Perylene-d12	15.08	264	560603	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	668225	42.87	ng	-0.02
7) Phenol-d6	6.24	99	862697	45.59	ng	-0.02
23) Nitrobenzene-d5	7.15	82	495650	32.52	ng	-0.03
42) 2,4,6-Tribromophenol	10.41	330	259597	52.06	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	994169	35.72	ng	-0.03
79) Terphenyl-d14	12.68	244	1145347	34.91	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.01	88	358	0.049	ng	# 24
3) Pyridine	2.84	79	221	0.011	ng	# 26
4) n-Nitrosodimethylamine	2.75	42	114	0.014	ng	# 1
6) Aniline	6.24	93	256	0.010	ng	# 1
9) Benzaldehyde	6.20	77	532	0.043	ng	# 1
10) Phenol	6.24	94	12220	0.551	ng	# 64
11) bis(2-Chloroethyl)ether	6.37	93	1172	0.072	ng	# 1
15) Benzyl Alcohol	6.75	79	8889	0.645	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.15	45	131	0.006	ng	# 1
18) Hexachloroethane	7.12	117	229	0.033	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	65338	5.394	ng	# 79
22) Acetophenone	7.00	105	1016	0.047	ng	# 74
24) Nitrobenzene	7.15	77	2059	0.123	ng	# 34
25) Isophorone	7.15	82	490036	15.695	ng	# 63
28) bis(2-Chloroethoxy)methane	7.88	93	268	0.014	ng	# 1
31) Naphthalene	7.90	128	11556	0.251	ng	# 100
32) Benzoic acid	7.88	122	117	0.012	ng	# 1
33) 4-Chloroaniline	7.90	127	1559	0.074	ng	# 35
35) Caprolactam	8.59	113	143	0.030	ng	# 31
36) 4-Chloro-3-methylphenol	8.35	107	108	0.008	ng	# 17
37) 2-Methylnaphthalene	8.59	142	9456	0.305	ng	# 95
38) 1-Methylnaphthalene	8.69	142	11021	0.372	ng	# 97
46) 1,1'-Biphenyl	9.05	154	4598	0.122	ng	# 96
47) 2-Chloronaphthalene	9.12	162	390	0.013	ng	# 39
48) 2-Nitroaniline	9.17	65	118	0.013	ng	# 1
49) Acenaphthylene	9.48	152	37700	0.788	ng	# 98
50) Dimethylphthalate	9.35	163	194277	5.585	ng	# 99
51) 2,6-Dinitrotoluene	9.35	165	2300	0.286	ng	# 3
52) Acenaphthene	9.65	154	16982	0.568	ng	# 98
53) 3-Nitroaniline	9.82	138	313	0.032	ng	# 5
55) Dibenzofuran	9.82	168	16304	0.380	ng	# 98
56) 4-Nitrophenol	9.73	139	507	0.065	ng	# 1
57) 2,4-Dinitrotoluene	9.62	165	62248	6.003	ng	# 30
58) Fluorene	10.17	166	28660	Below Cal		# 93

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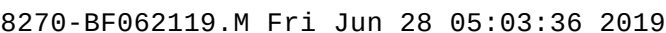
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

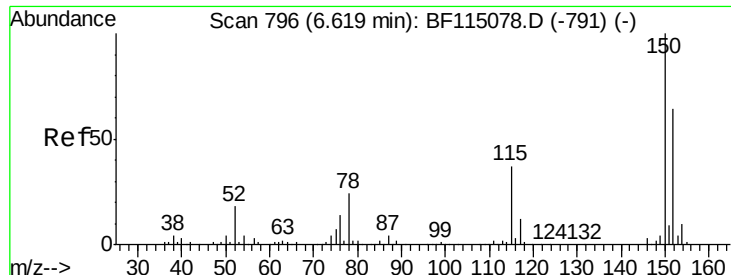
Quant Time: Jun 28 05:05:49 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	10.05	149	1497	0.043	ng	# 48
62) 4-Nitroaniline	10.17	138	261	0.027	ng	# 24
63) Azobenzene	10.33	77	756	0.023	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.40	198	605	5.068	ng	# 1
66) n-Nitrosodiphenylamine	10.29	169	2761	0.094	ng	# 57
67) 4-Bromophenyl-phenylether	10.40	248	16446	1.610	ng	# 1
69) Atrazine	10.78	200	124	0.013	ng	# 36
71) Phenanthrene	11.12	178	274040	5.403	ng	# 96
72) Anthracene	11.17	178	79140	1.546	ng	# 98
73) Carbazole	11.32	167	22386	0.490	ng	# 93
74) Di-n-butylphthalate	11.67	149	5011	0.095	ng	# 56
75) Fluoranthene	12.30	202	375940	7.429	ng	# 98
77) Benzidine	12.40	184	599	0.019	ng	# 1
78) Pyrene	12.52	202	387527	7.229	ng	# 98
80) Butylbenzylphthalate	13.13	149	493	0.021	ng	# 34
81) Benzo(a)anthracene	13.71	228	167113	3.339	ng	# 93
82) 3,3'-Dichlorobenzidine	13.69	252	881	0.049	ng	# 67
83) Chrysene	13.74	228	170848	3.727	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.73	149	5749	0.185	ng	# 55
85) Di-n-octyl phthalate	14.34	149	4816	0.092	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.34	276	57821	1.066	ng	# 93
88) Benzo(b)fluoranthene	14.71	252	223788	6.398	ng	# 85
89) Benzo(k)fluoranthene	14.71	252	223788	7.134	ng	# 88
90) Benzo(a)pyrene	15.02	252	120300	3.816	ng	# 89
91) Dibenzo(a,h)anthracene	16.41	278	5732	0.195	ng	# 1
92) Benzo(g,h,i)perylene	16.72	276	57921	1.944	ng	# 87

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

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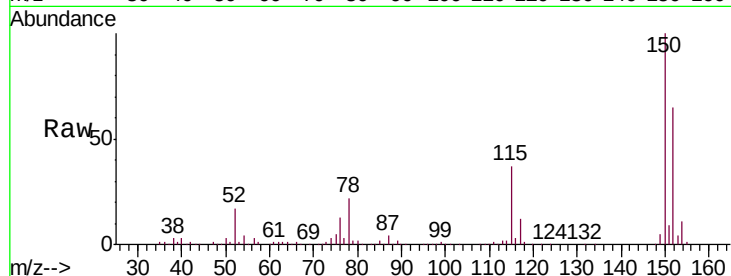


#1

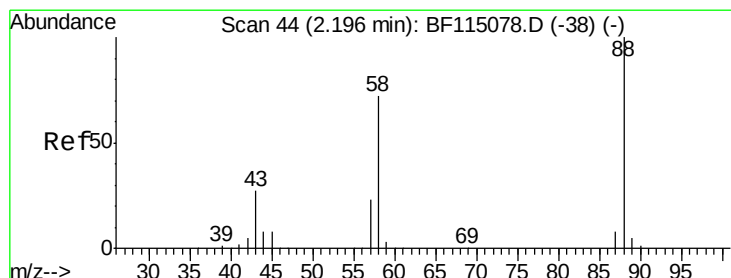
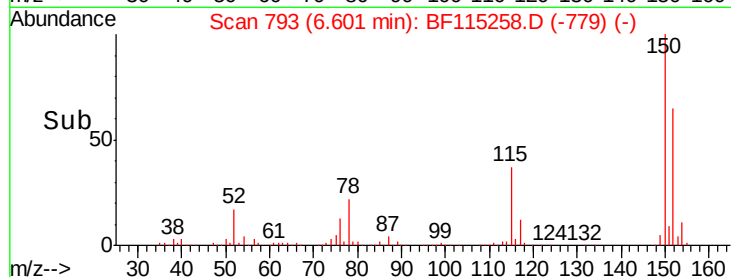
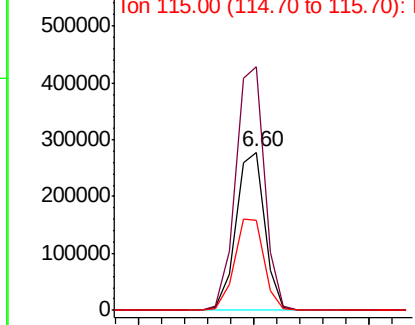
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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CL-02-062619-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.2	186.2
115	56.7	46.1	69.1



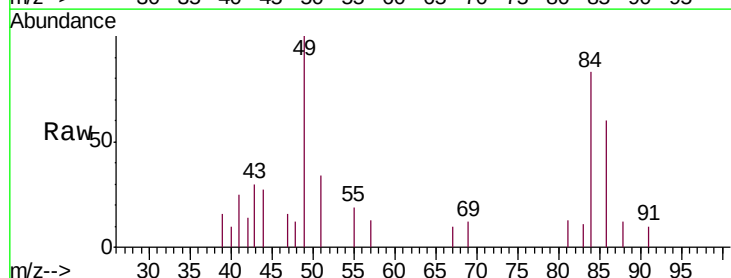
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



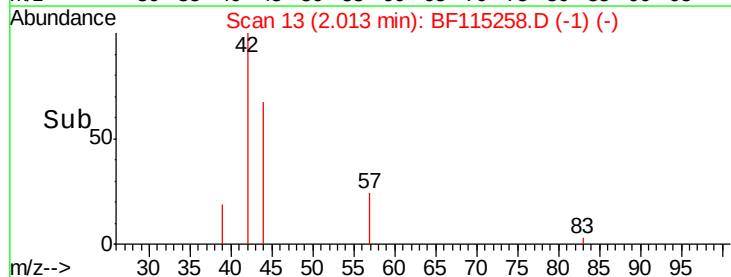
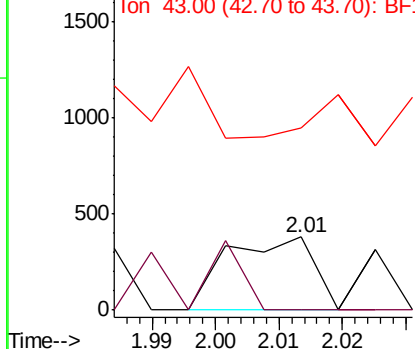
#2

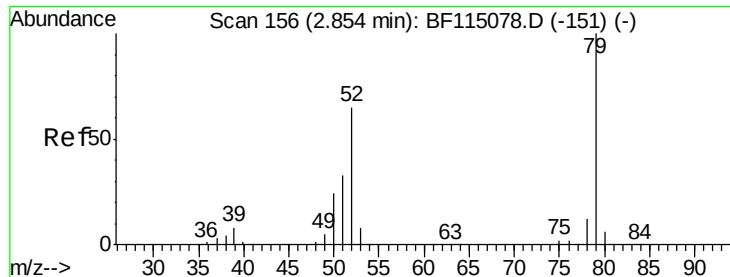
1,4-Dioxane
Concen: 0.049 ng
RT: 2.01 min Scan# 13
Delta R.T. -0.18 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt 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: 0.011 ng

RT: 2.84 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

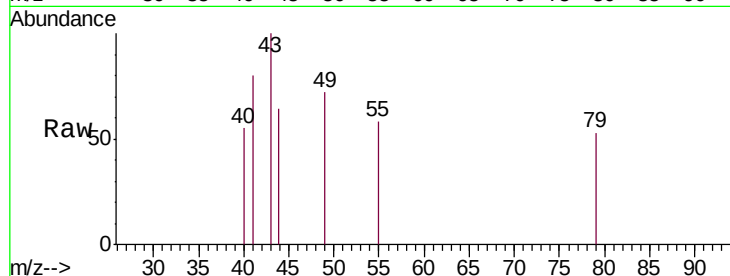
Tgt Ion: 79 Resp: 221

Ion Ratio Lower Upper

79 100

52 0.0 52.3 78.5#

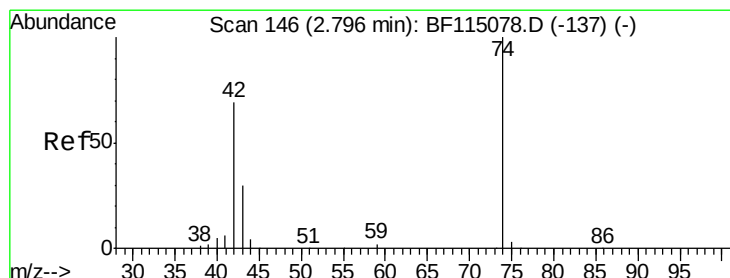
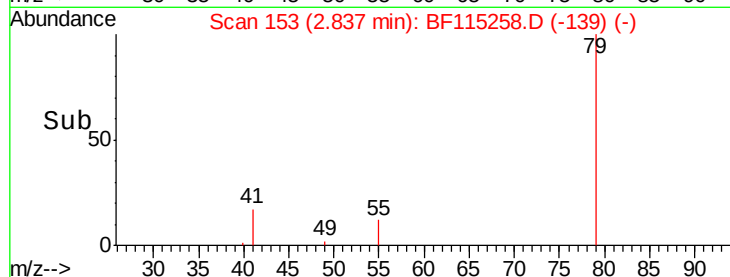
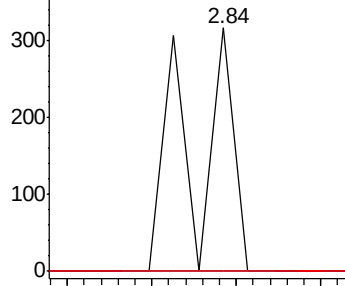
51 0.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.014 ng

RT: 2.75 min Scan# 139

Delta R.T. -0.04 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

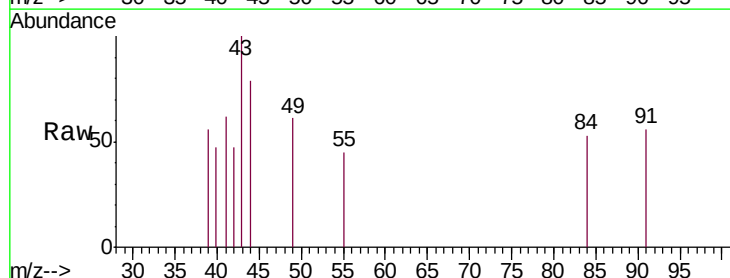
Tgt Ion: 42 Resp: 114

Ion Ratio Lower Upper

42 100

74 0.0 116.6 175.0#

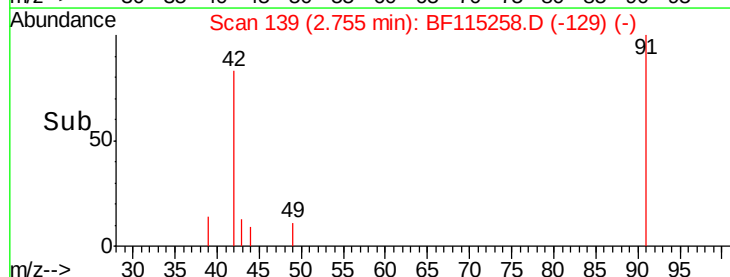
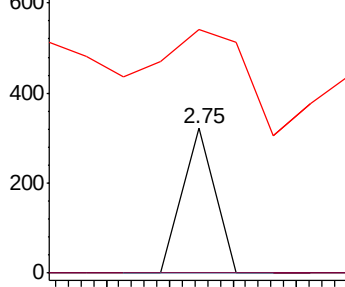
44 168.0 5.3 7.9#

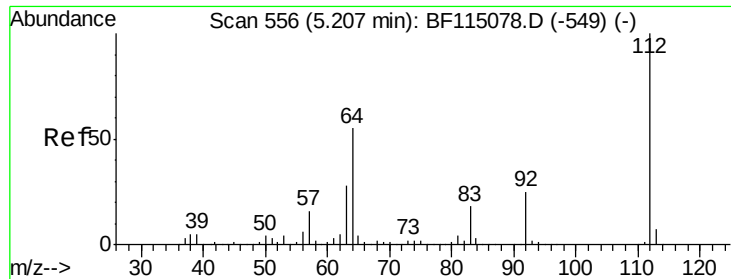


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 42.865 ng

RT: 5.19 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

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ClientSampleId :

CL-02-062619-C

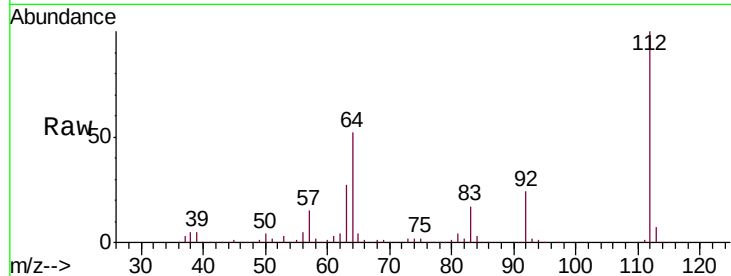
Tgt Ion: 112 Resp: 668225

Ion Ratio Lower Upper

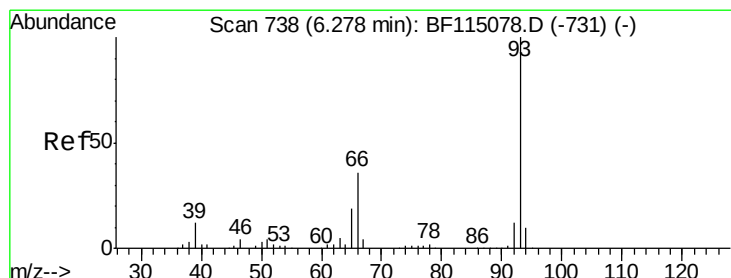
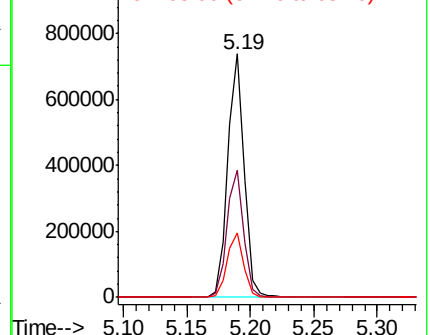
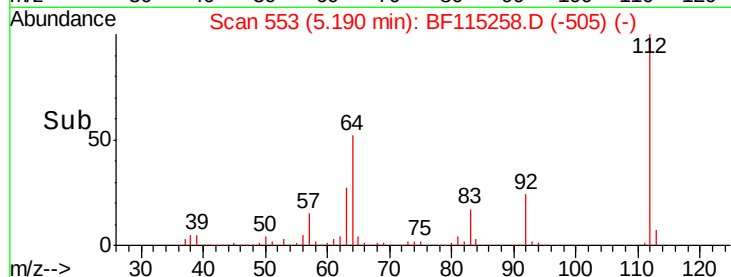
112 100

64 52.3 43.8 65.6

63 26.6 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.010 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

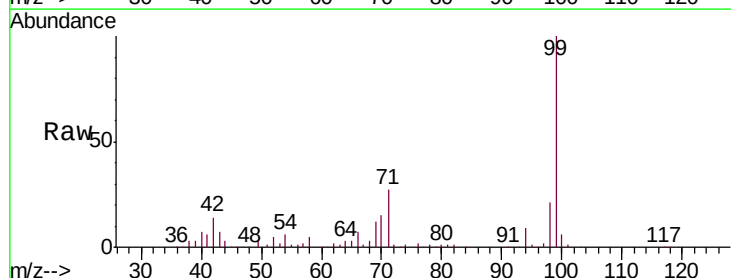
Tgt Ion: 93 Resp: 256

Ion Ratio Lower Upper

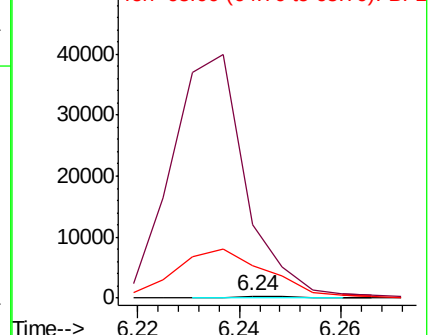
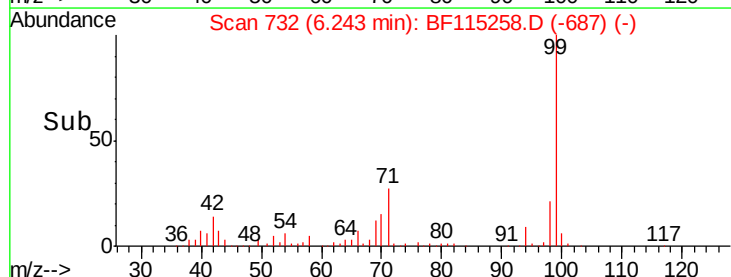
93 100

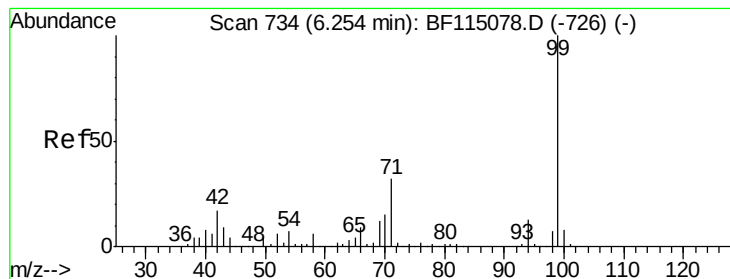
66 3141.3 30.0 45.0#

65 1420.3 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: 45.594 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

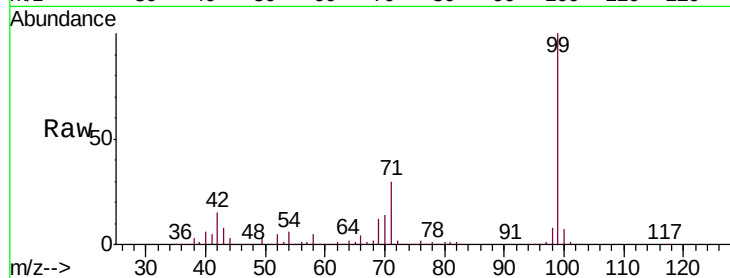
Tgt Ion: 99 Resp: 862697

Ion Ratio Lower Upper

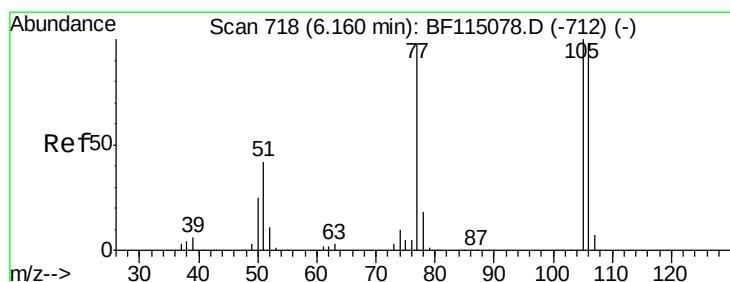
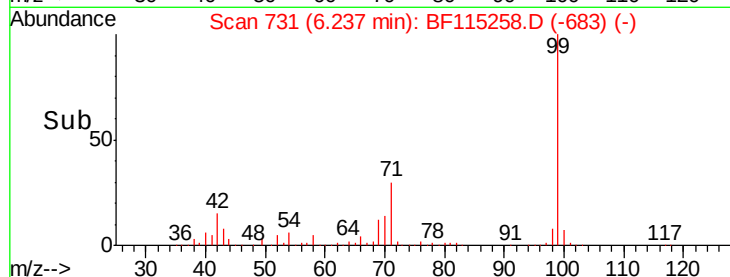
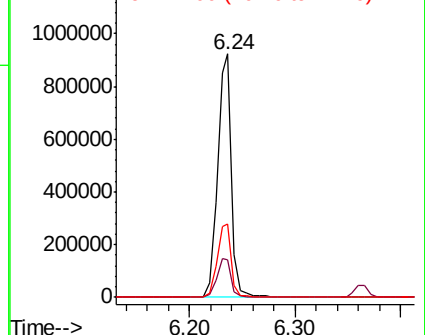
99 100

42 15.4 13.6 20.4

71 30.0 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: 0.043 ng

RT: 6.20 min Scan# 725

Delta R.T. 0.04 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

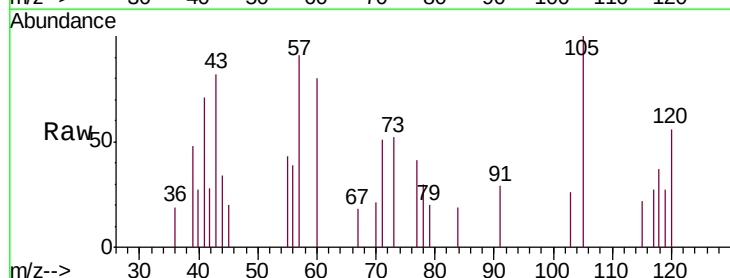
Tgt Ion: 77 Resp: 532

Ion Ratio Lower Upper

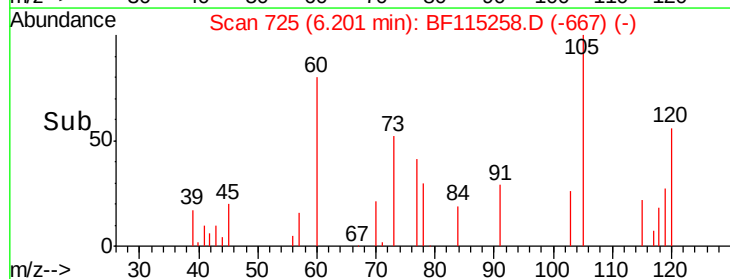
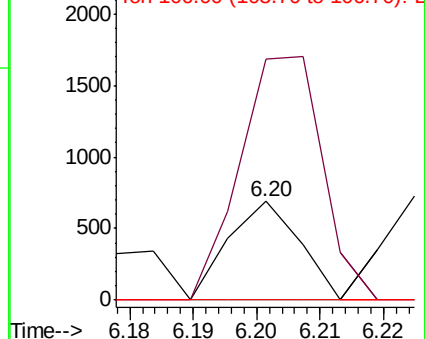
77 100

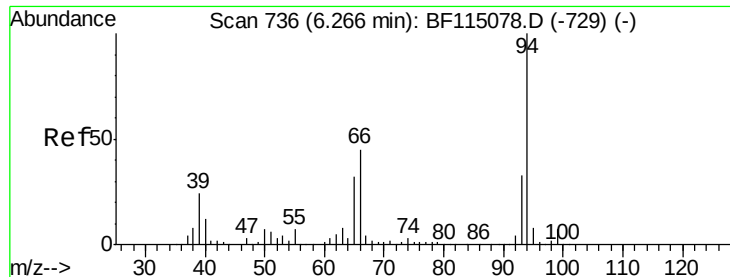
105 245.2 81.5 121.5#

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: 0.551 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.02 min

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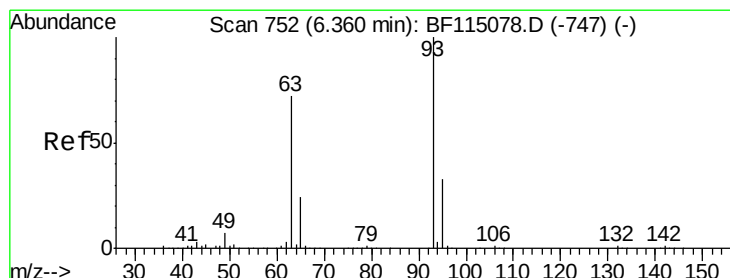
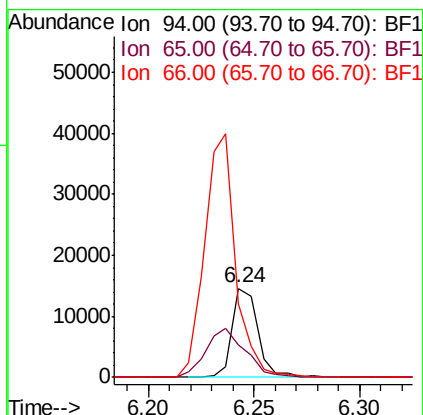
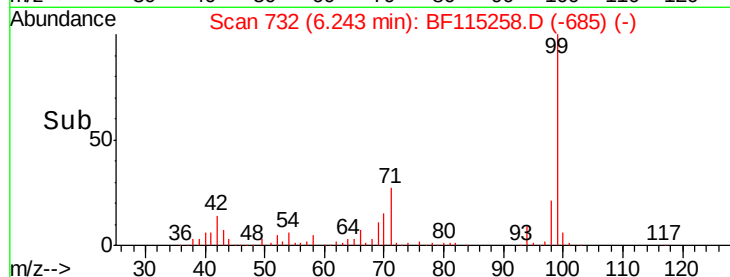
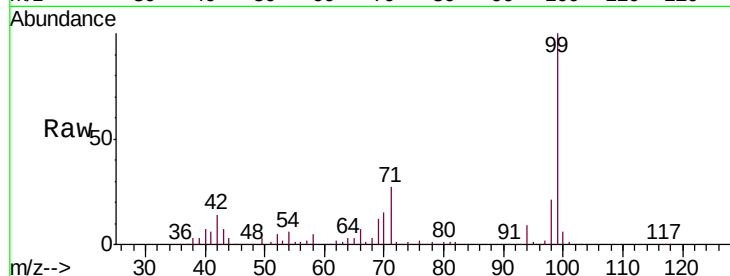
Tgt Ion: 94 Resp: 12220

Ion Ratio Lower Upper

94 100

65 37.0 11.9 51.9

66 81.7 25.2 65.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.072 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

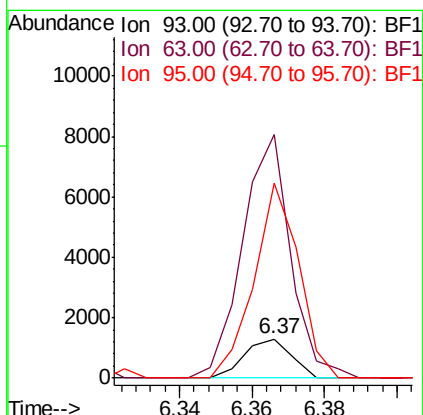
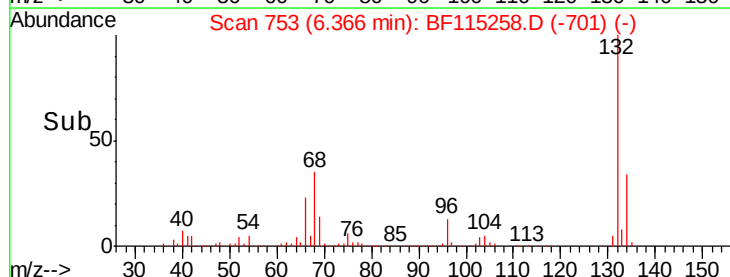
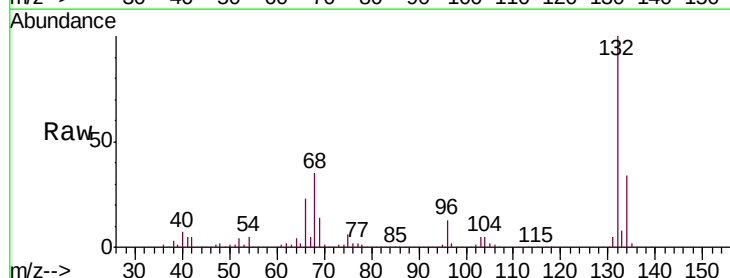
Tgt Ion: 93 Resp: 1172

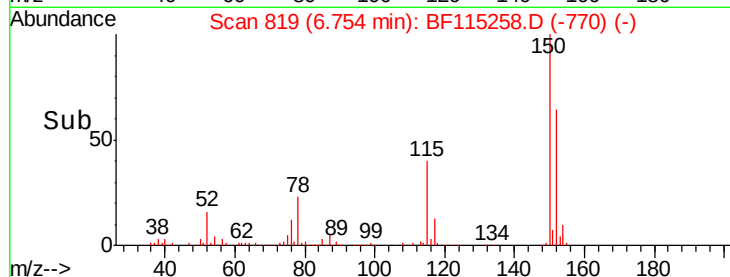
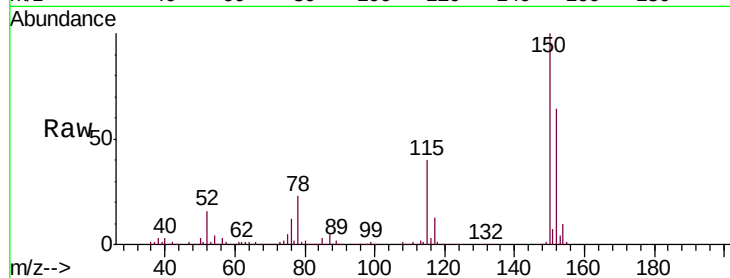
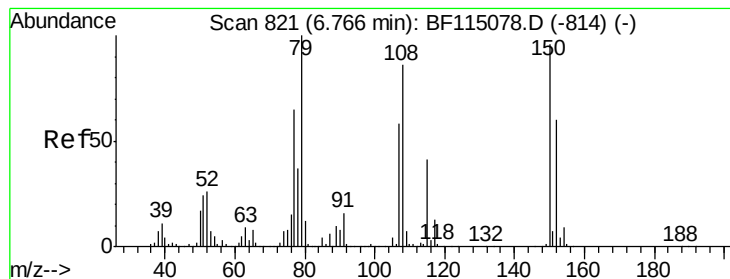
Ion Ratio Lower Upper

93 100

63 619.6 51.5 91.5#

95 495.8 13.4 53.4#





#15

Benzyl Alcohol

Concen: 0.645 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

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ClientSampleId :

CL-02-062619-C

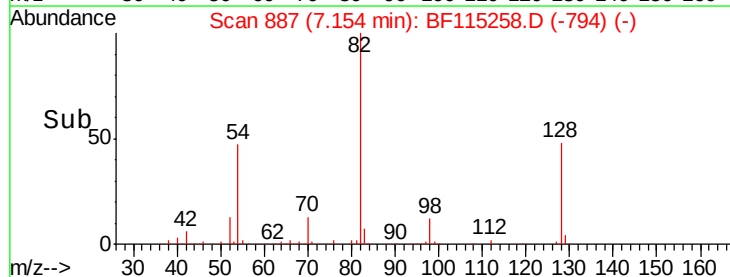
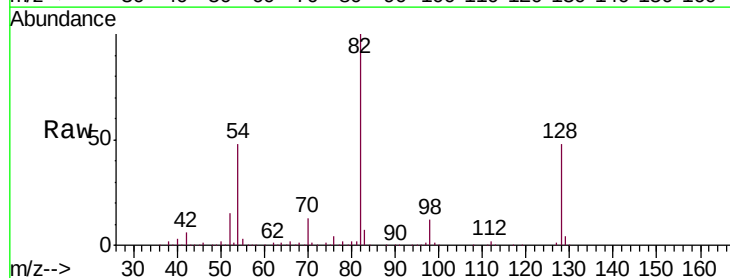
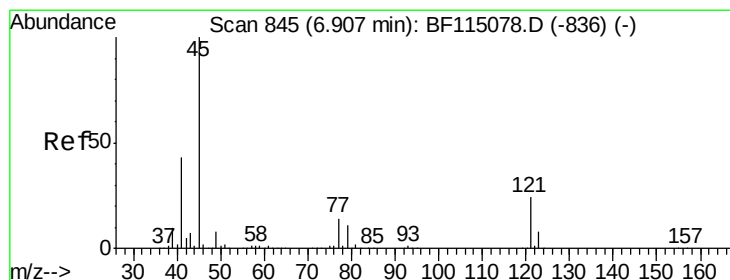
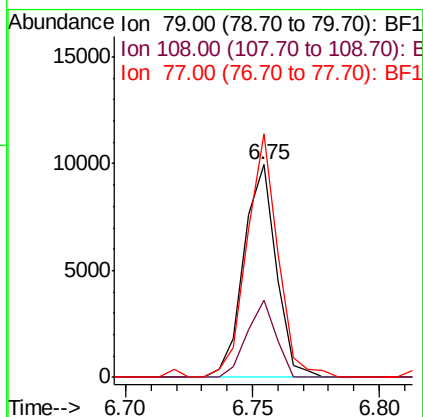
Tgt Ion: 79 Resp: 8889

Ion Ratio Lower Upper

79 100

108 36.2 68.7 103.1#

77 114.6 51.7 77.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.25 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

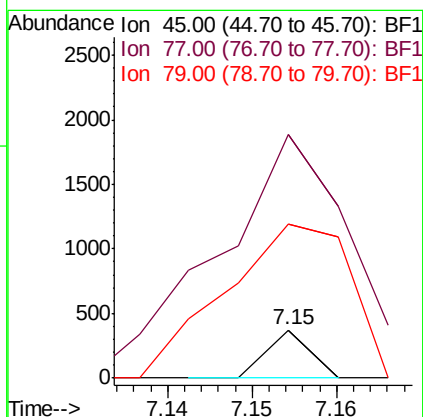
Tgt Ion: 45 Resp: 131

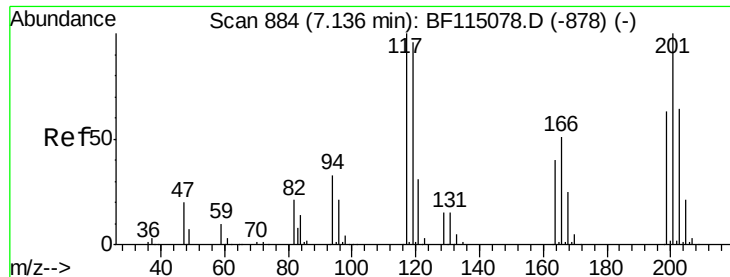
Ion Ratio Lower Upper

45 100

77 508.1 0.0 34.6#

79 321.0 0.0 31.2#

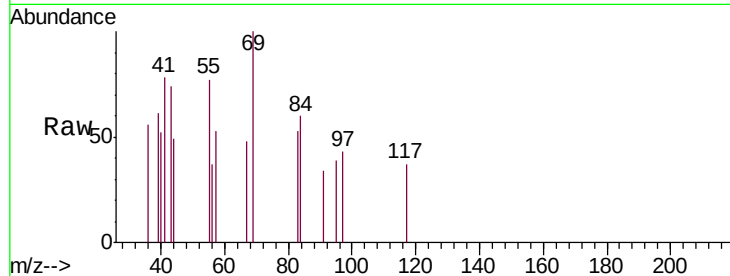




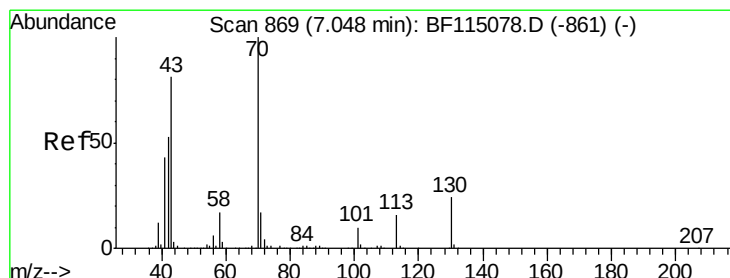
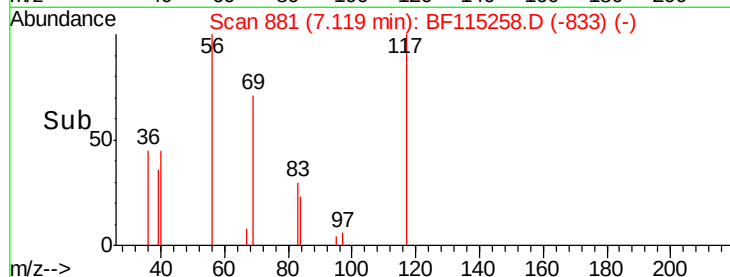
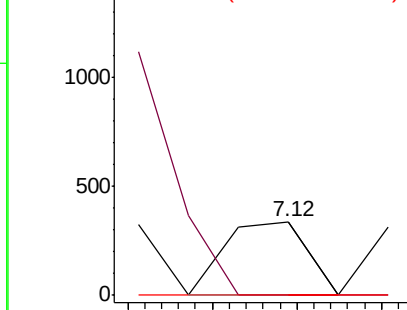
#18
Hexachloroethane
Concen: 0.033 ng
RT: 7.12 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion: 117 Resp: 229
Ion Ratio Lower Upper
117 100
119 0.0 76.6 114.8#
201 0.0 80.2 120.2#



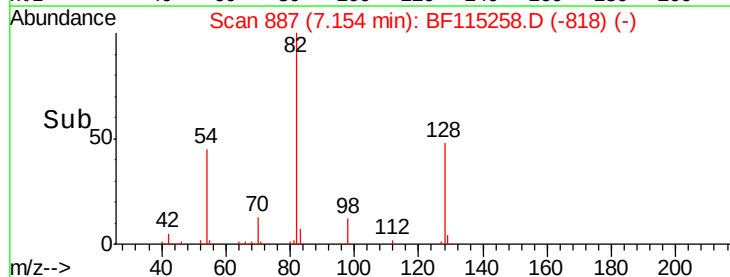
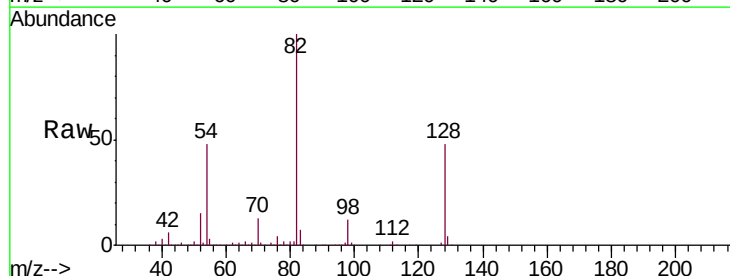
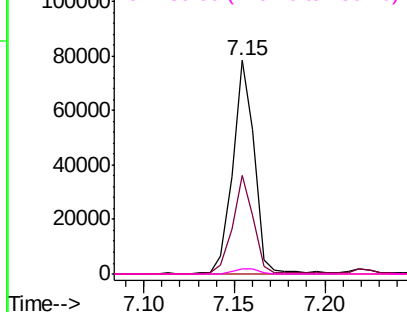
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

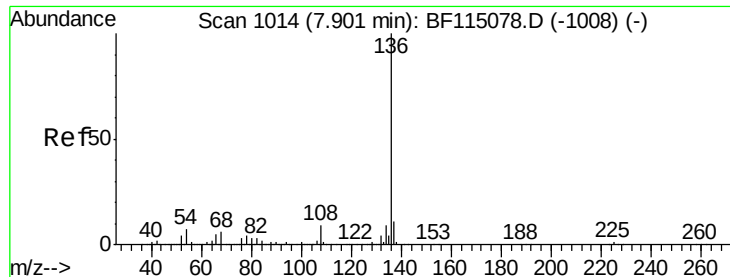


#19
n-Nitroso-di-n-propylamine
Concen: 5.394 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.11 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion: 70 Resp: 65338
Ion Ratio Lower Upper
70 100
42 46.4 42.6 63.8
101 0.0 8.0 12.0#
130 2.3 19.4 29.0#

Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

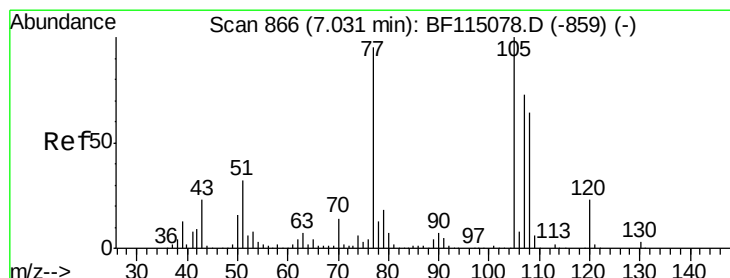
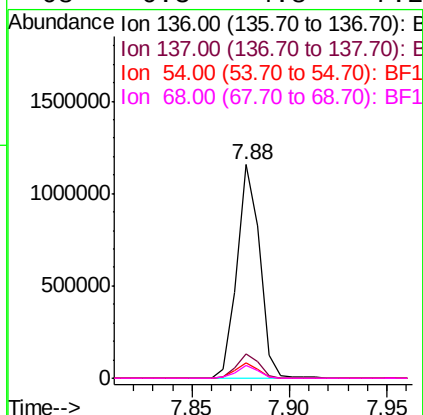
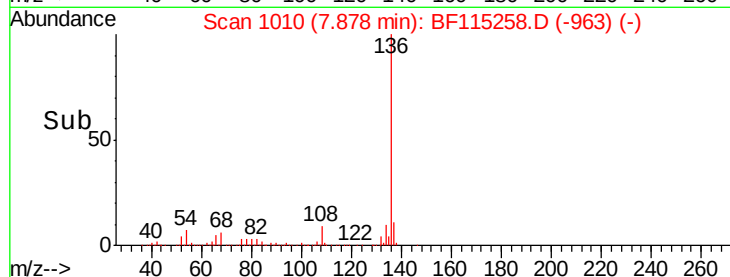
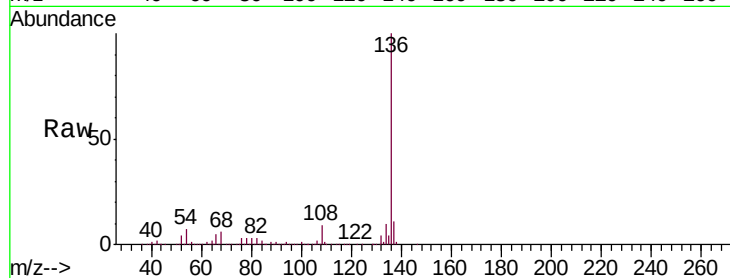




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

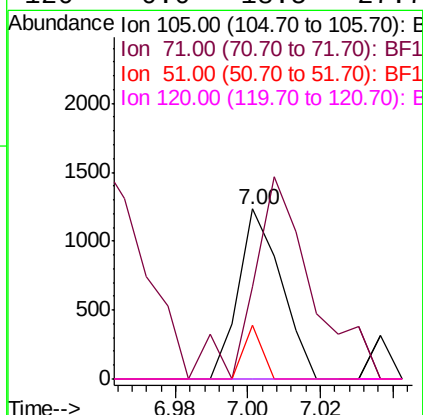
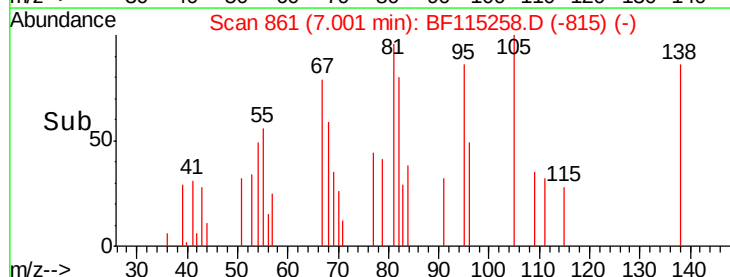
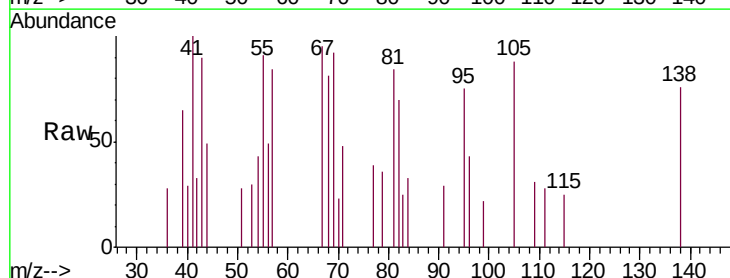
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

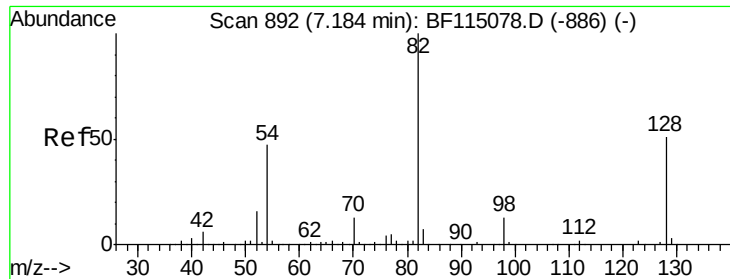
Tgt Ion:	136	Resp:	937555
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	5.6	8.4
68	6.3	4.8	7.2



#22
Acetophenone
Concen: 0.047 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion:	105	Resp:	1016
Ion	Ratio	Lower	Upper
105	100		
71	54.0	1.9	2.9#
51	31.7	25.8	38.8
120	0.0	18.5	27.7#

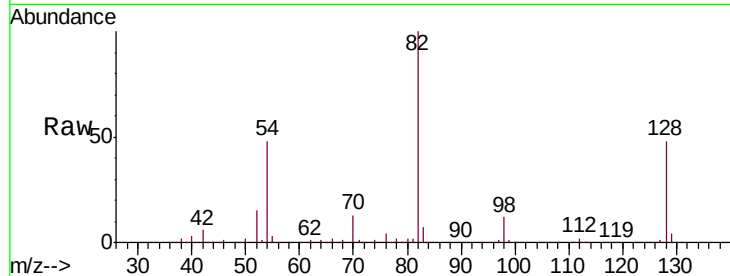




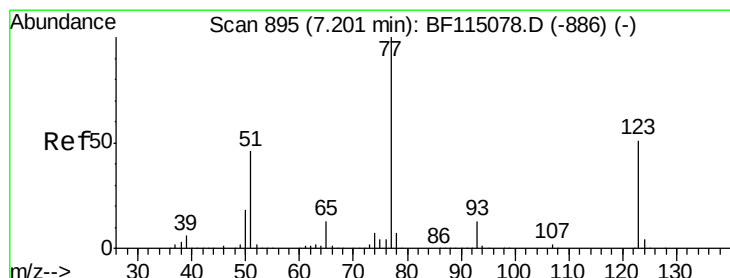
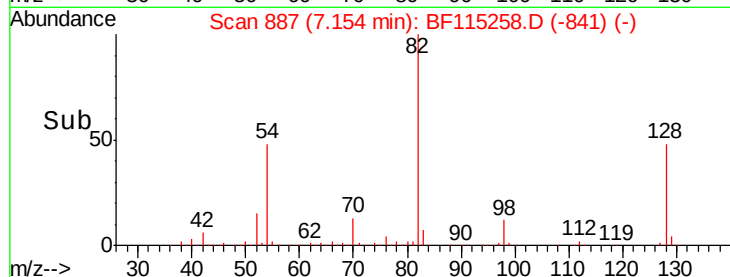
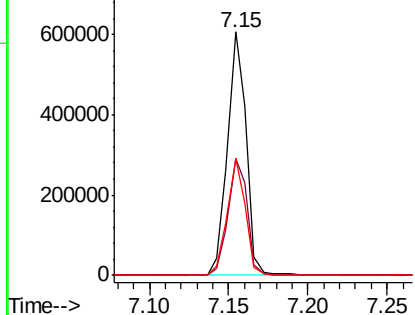
#23
Nitrobenzene-d5
Concen: 32.521 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion: 82 Resp: 495650
Ion Ratio Lower Upper
82 100
128 48.0 40.4 60.6
54 47.8 37.5 56.3

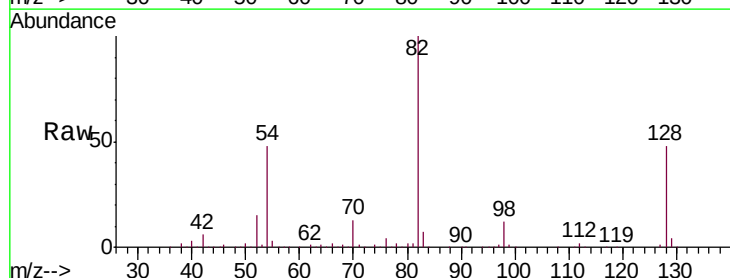


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

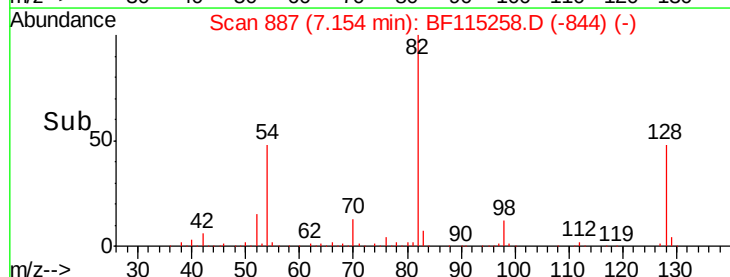
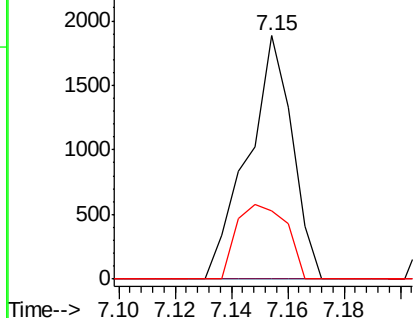


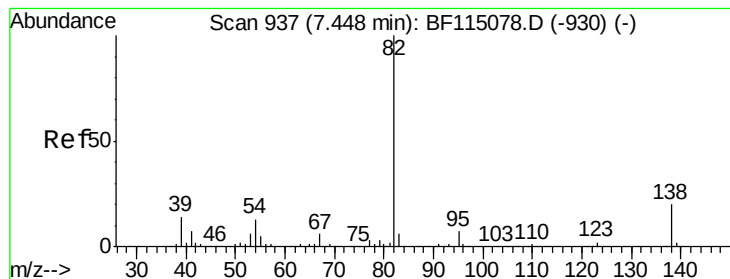
#24
Nitrobenzene
Concen: 0.123 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.05 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion: 77 Resp: 2059
Ion Ratio Lower Upper
77 100
123 0.0 41.0 61.6#
65 28.2 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: 15.695 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.29 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

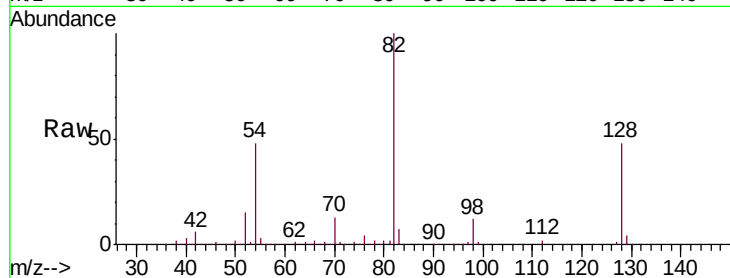
Tgt Ion: 82 Resp: 490036

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

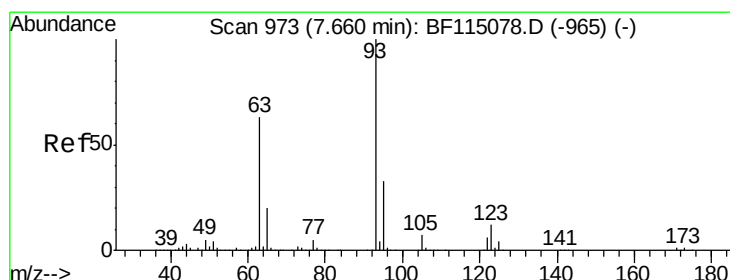
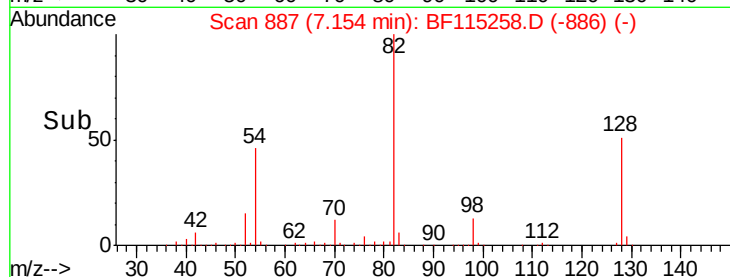
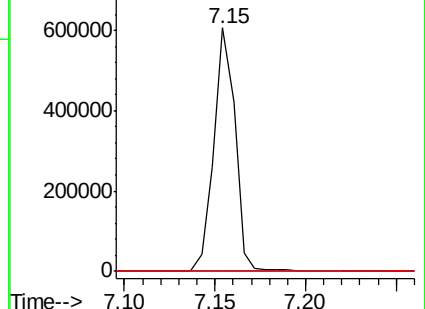
138 0.0 15.9 23.9#



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: 0.014 ng

RT: 7.88 min Scan# 1010

Delta R.T. 0.22 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

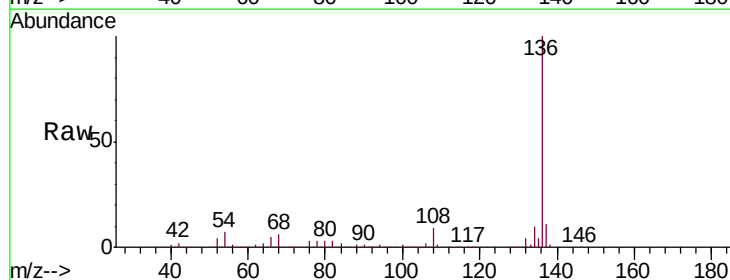
Tgt Ion: 93 Resp: 268

Ion Ratio Lower Upper

93 100

95 215.7 26.2 39.4#

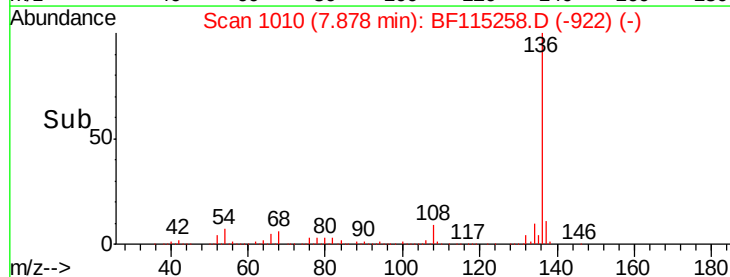
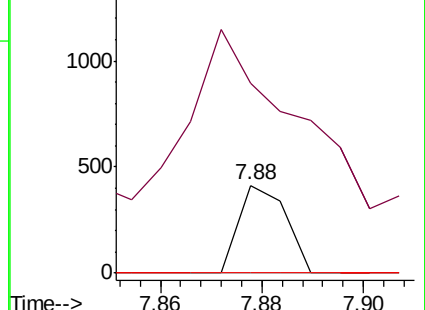
123 0.0 9.7 14.5#

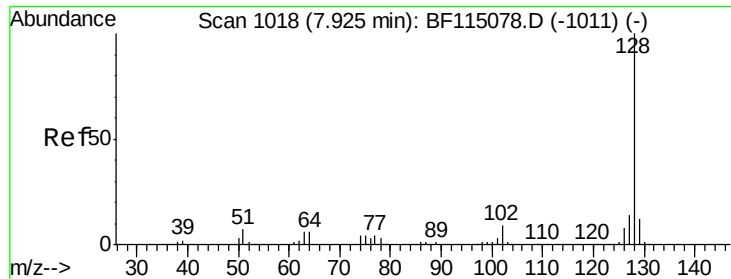


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

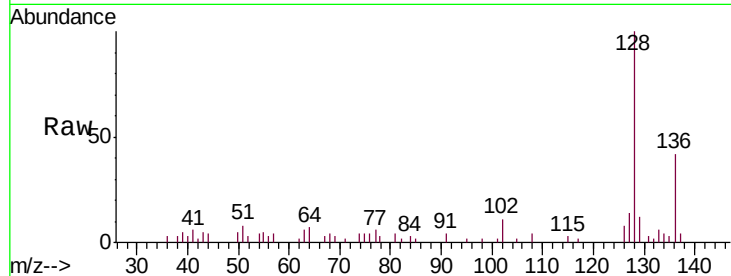




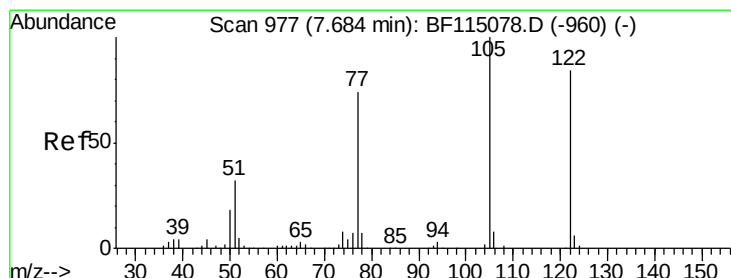
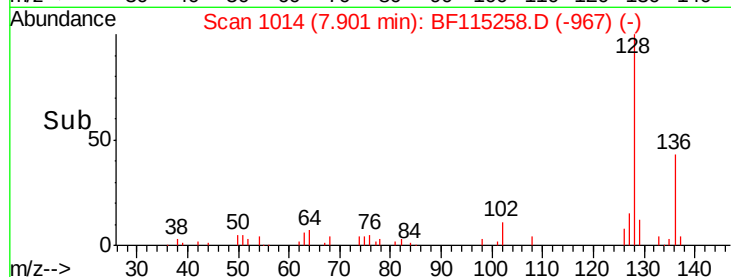
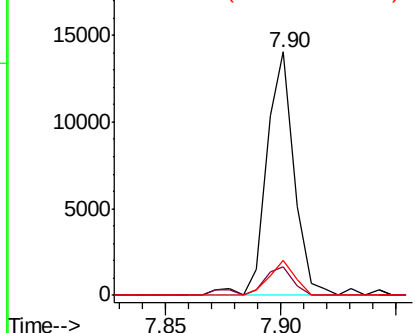
#31
Naphthalene
Concen: 0.251 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion:128 Resp: 11556
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 14.2 11.4 17.0

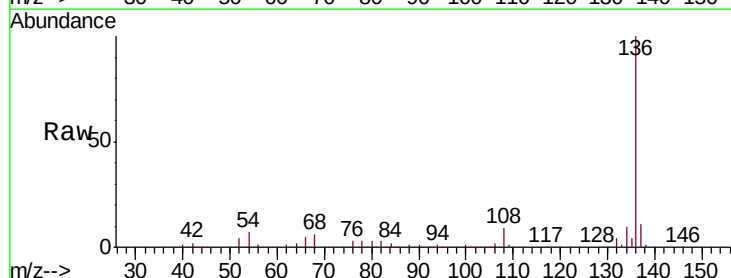


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

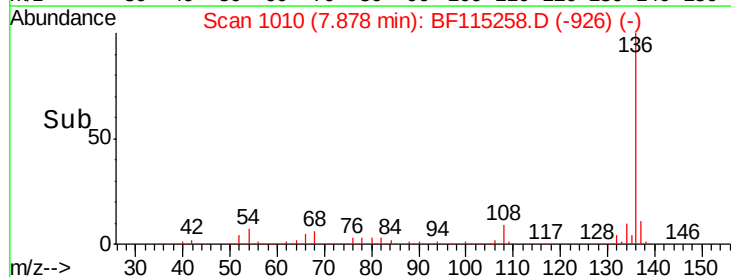
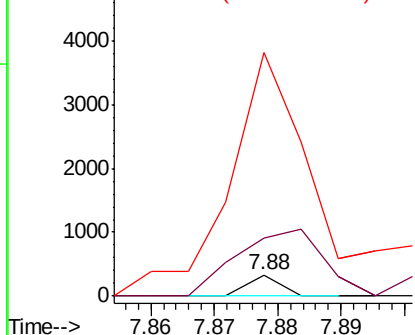


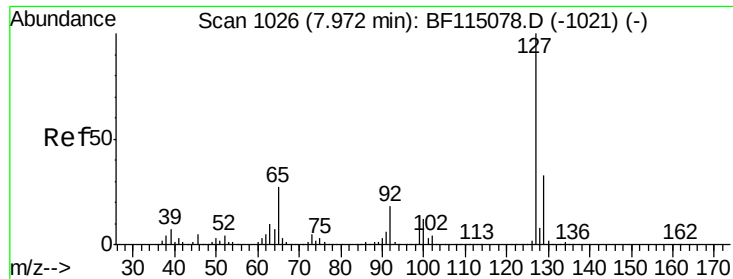
#32
Benzoic acid
Concen: 0.012 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.19 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 275.5 98.2 138.2#
77 1152.9 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

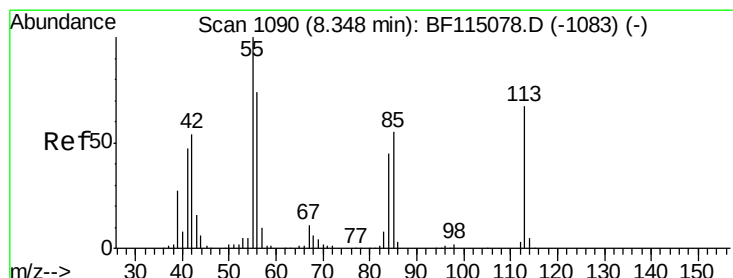
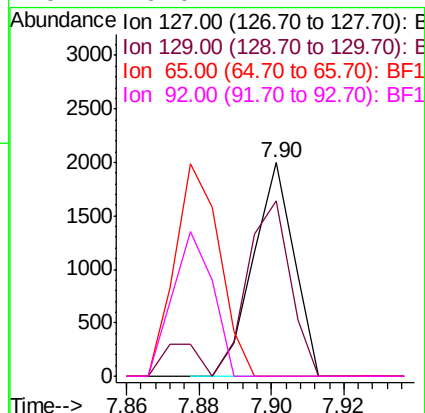
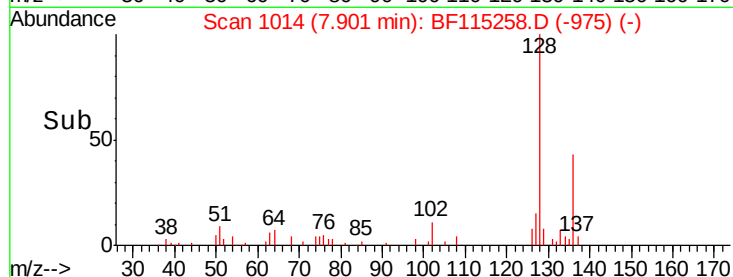
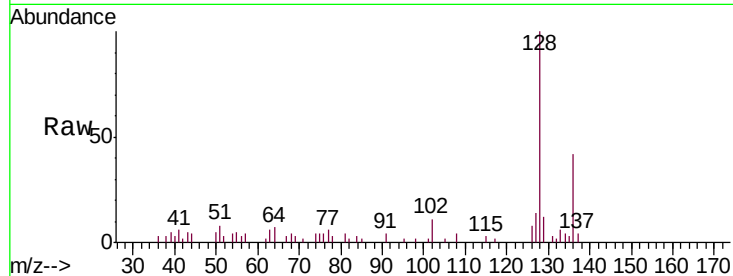




#33
4-Chloroaniline
Concen: 0.074 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.07 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

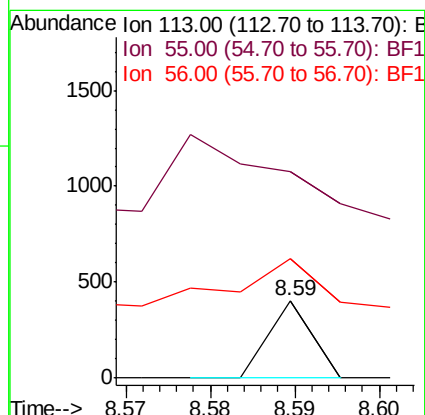
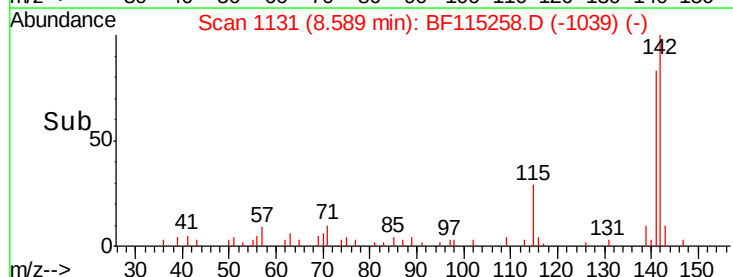
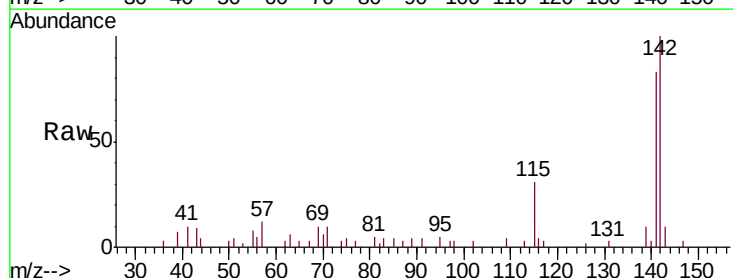
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

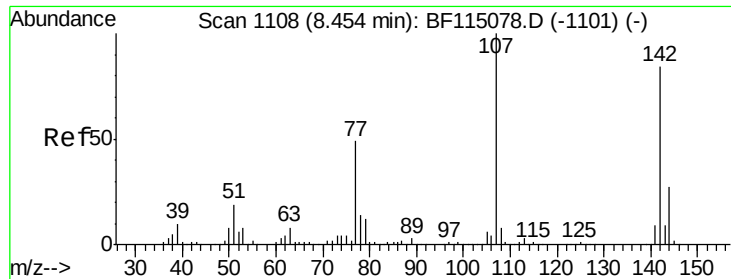
Tgt Ion:	127	Resp:	1559
Ion	Ratio	Lower	Upper
127	100		
129	82.1	26.1	39.1#
65	0.0	21.4	32.2#
92	0.0	14.1	21.1#



#35
Caprolactam
Concen: 0.030 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.24 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion:	113	Resp:	143
Ion	Ratio	Lower	Upper
113	100		
55	266.2	130.2	170.2#
56	153.8	91.6	131.6#

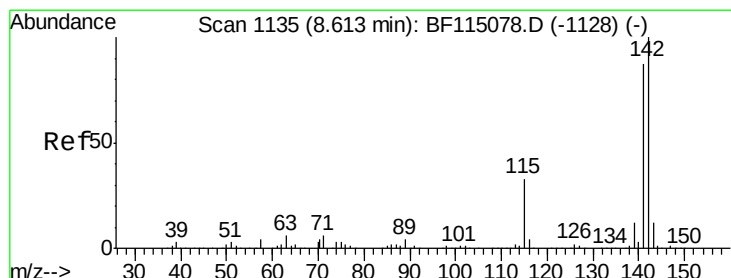
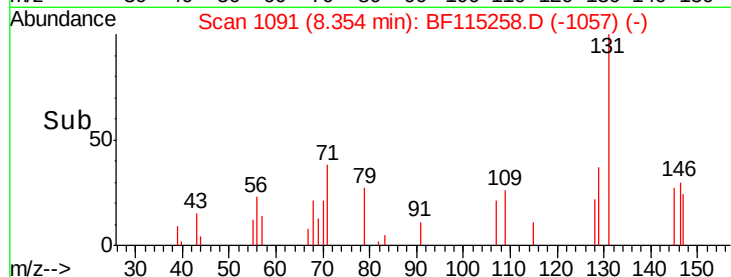
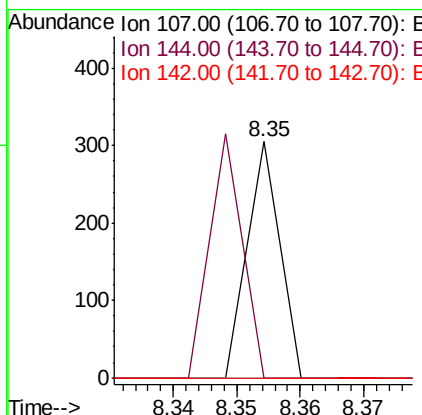
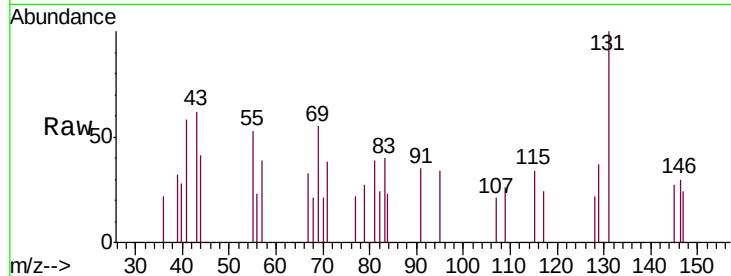




#36
 4-Chloro-3-methylphenol
 Concen: 0.008 ng
 RT: 8.35 min Scan# 1091
 Delta R.T. -0.10 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

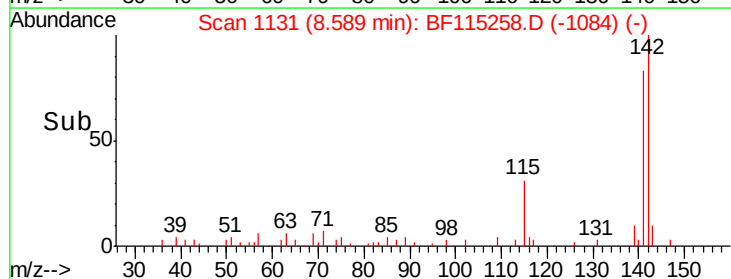
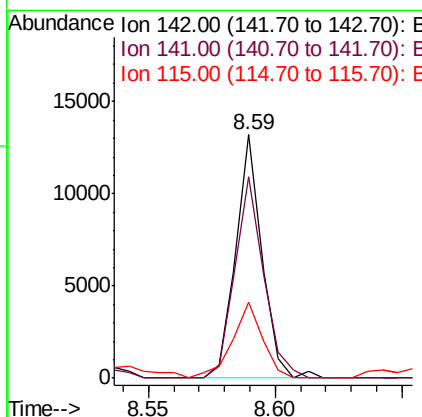
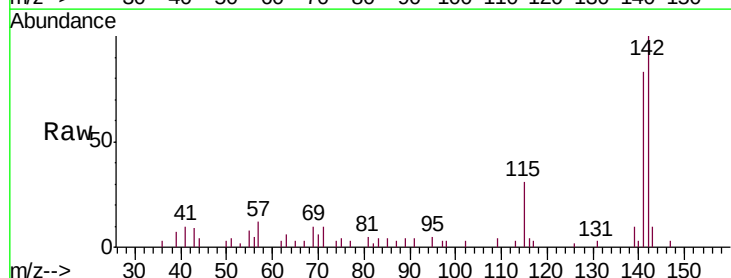
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-C

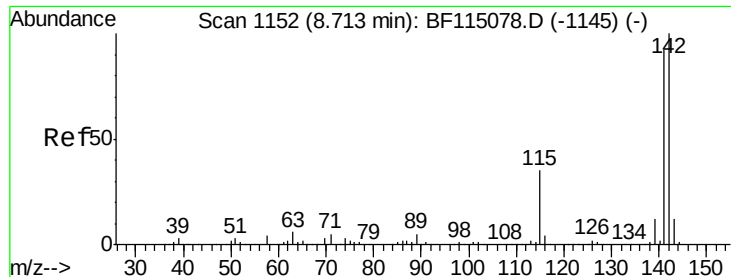
Tgt Ion:107 Resp: 108
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.7 32.5#
 142 0.0 67.0 100.4#



#37
 2-Methylnaphthalene
 Concen: 0.305 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. -0.02 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

Tgt Ion:142 Resp: 9456
 Ion Ratio Lower Upper
 142 100
 141 82.7 69.8 104.6
 115 31.0 26.7 40.1

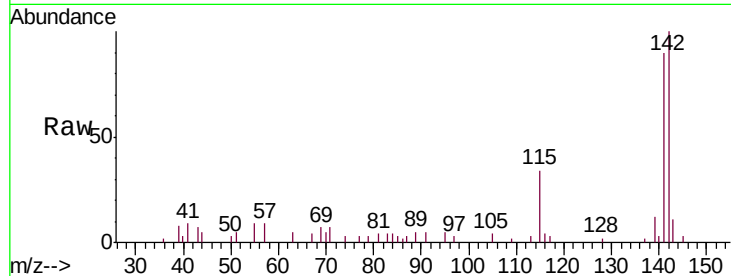




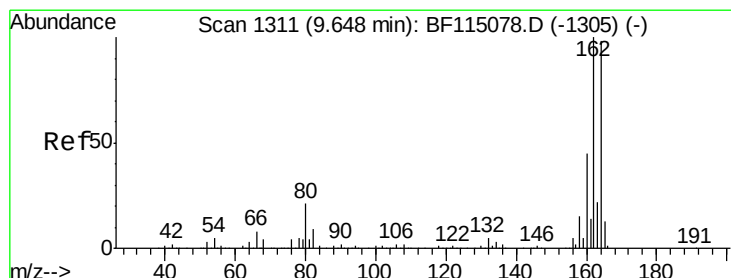
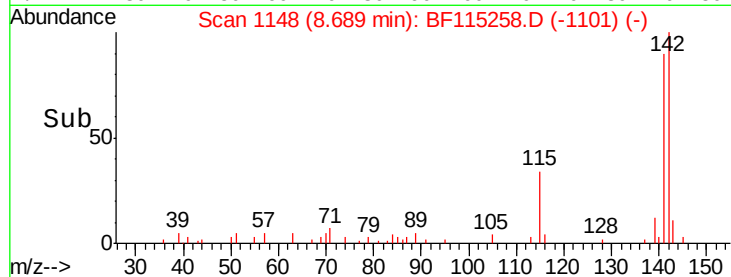
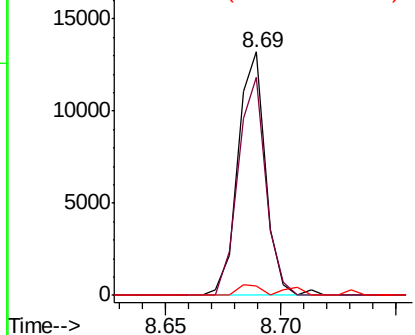
#38
 1-Methylnaphthalene
 Concen: 0.372 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

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

Tgt Ion:142 Resp: 11021
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.8 110.8
 116 3.9 2.8 4.2

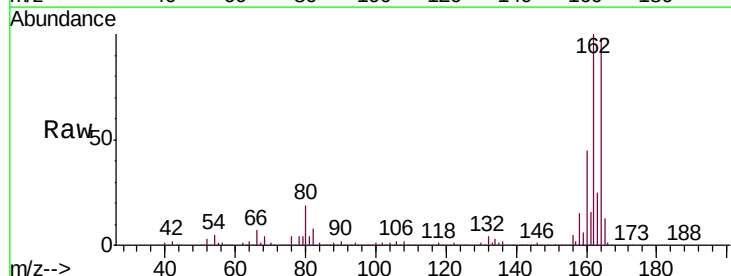


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

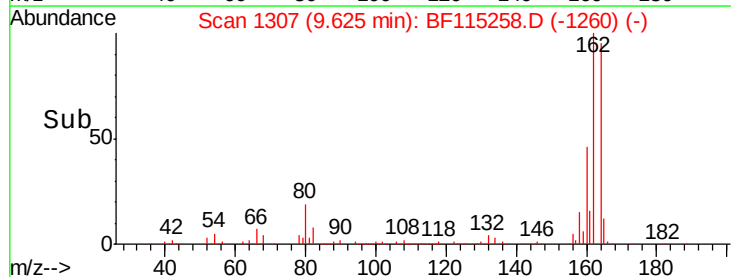
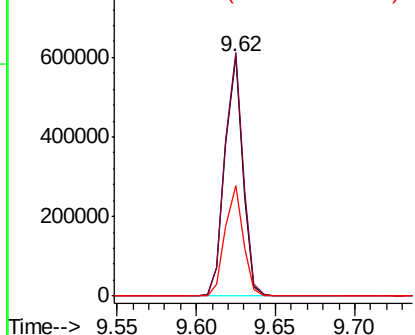


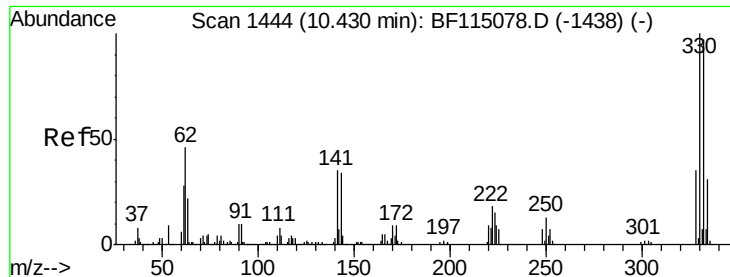
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

Tgt Ion:164 Resp: 472821
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.7 122.5
 160 46.2 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

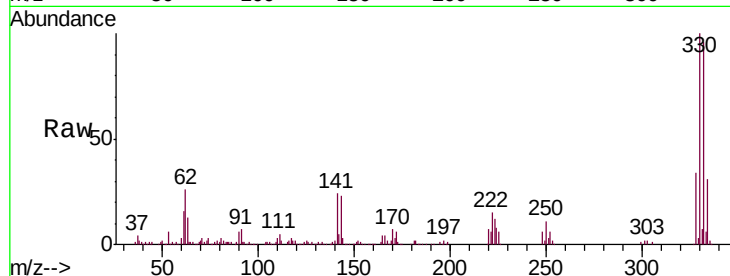




#42
 2,4,6-Tribromophenol
 Concen: 52.064 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.5	28.2	42.2

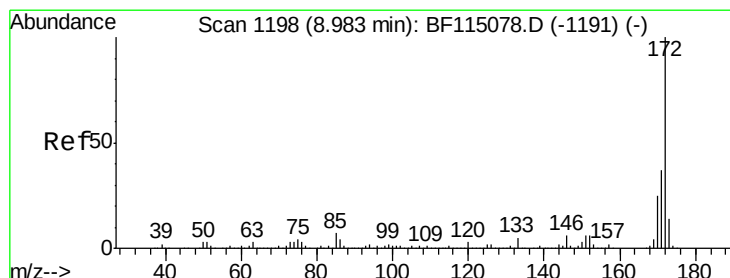
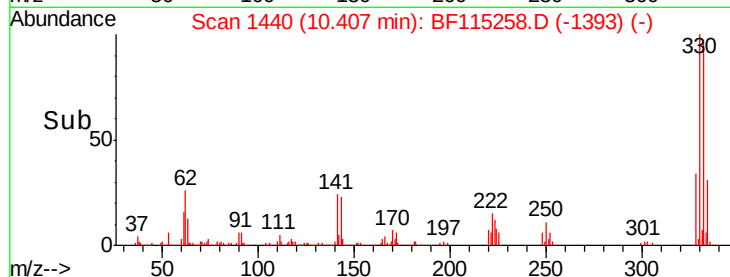
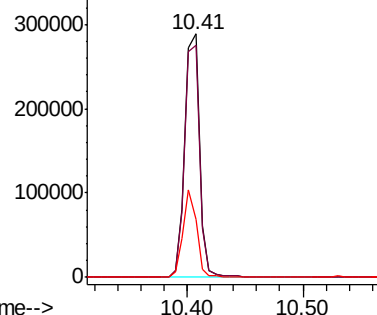


Abundance

Ion 329.80 (329.50 to 330.50): E

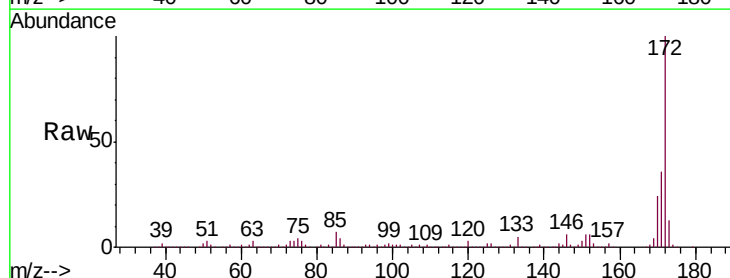
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 35.716 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	24.1	20.3	30.5

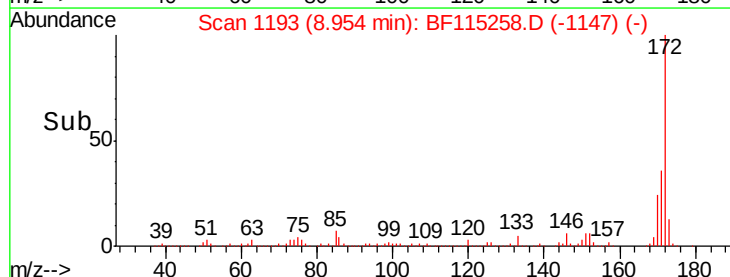
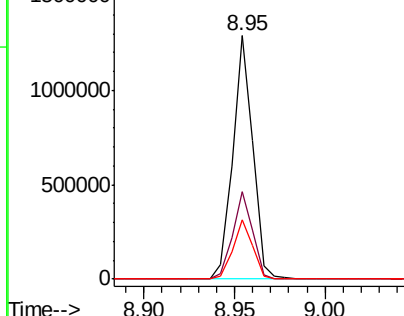


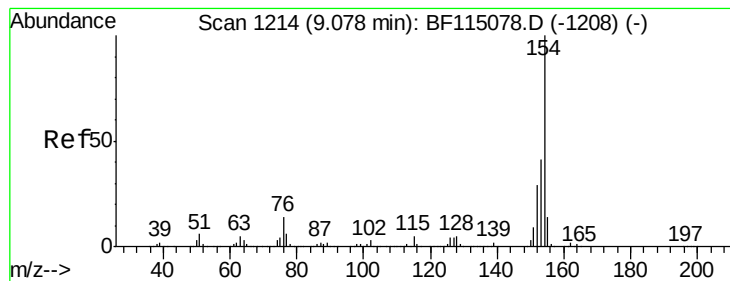
Abundance

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: 9.05 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

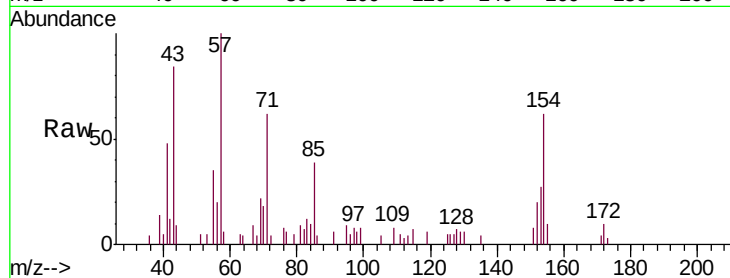
Tgt Ion:154 Resp: 4598

Ion Ratio Lower Upper

154 100

153 43.2 20.9 60.9

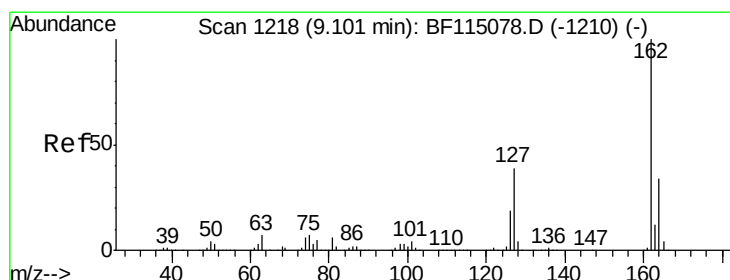
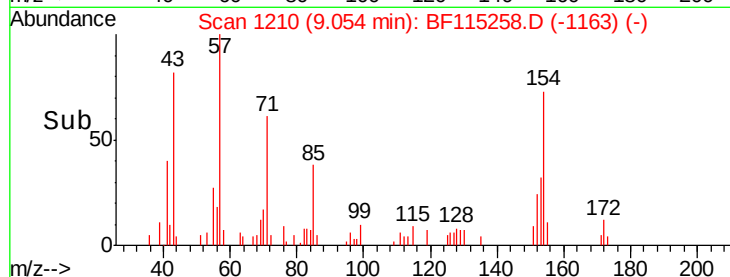
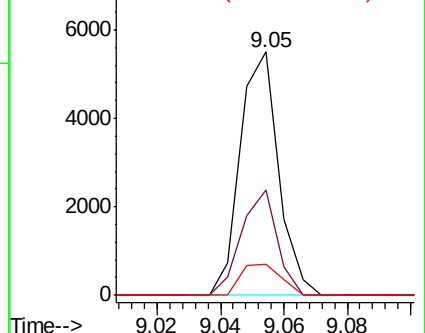
76 12.6 0.0 34.1



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: 0.013 ng

RT: 9.12 min Scan# 1222

Delta R.T. 0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

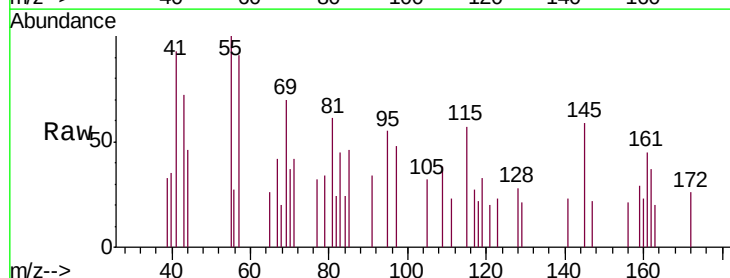
Tgt Ion:162 Resp: 390

Ion Ratio Lower Upper

162 100

127 0.0 30.8 46.2#

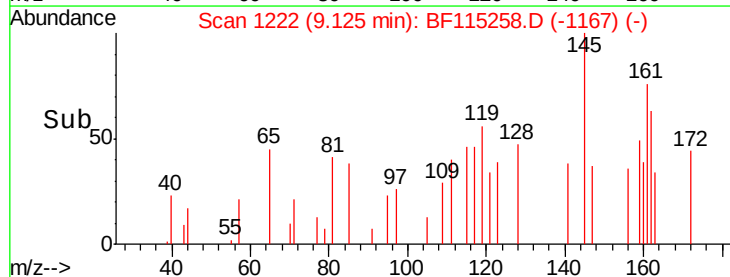
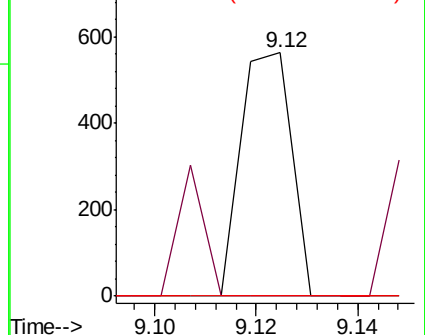
164 0.0 27.0 40.4#

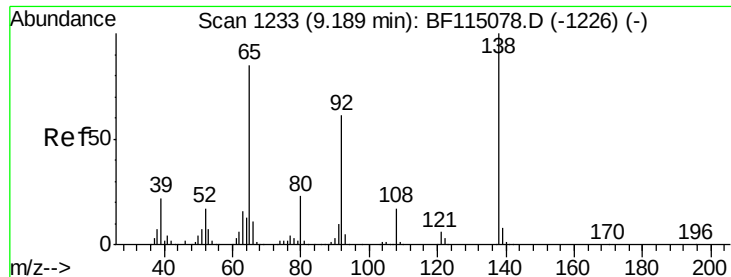


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

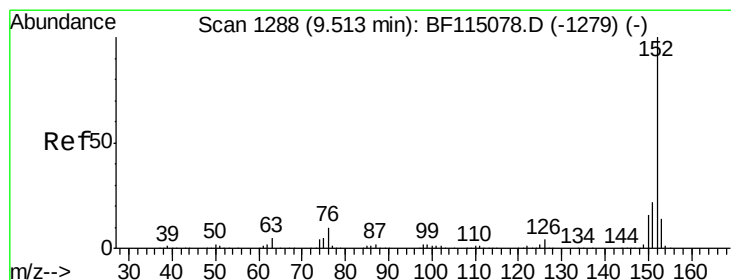
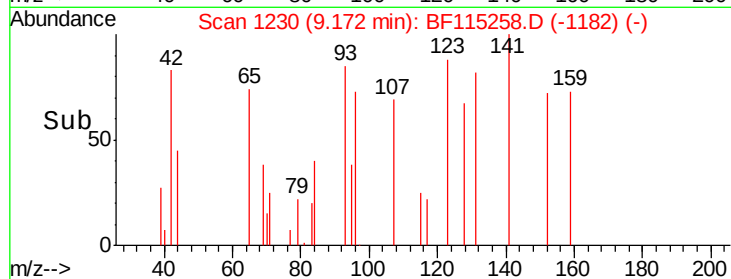
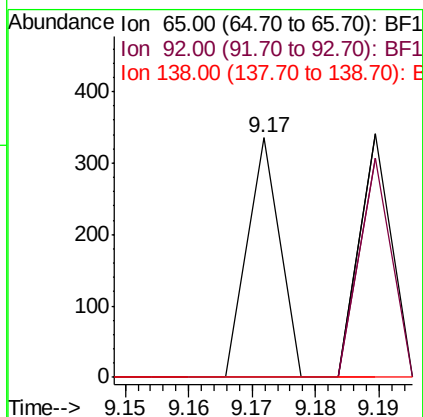
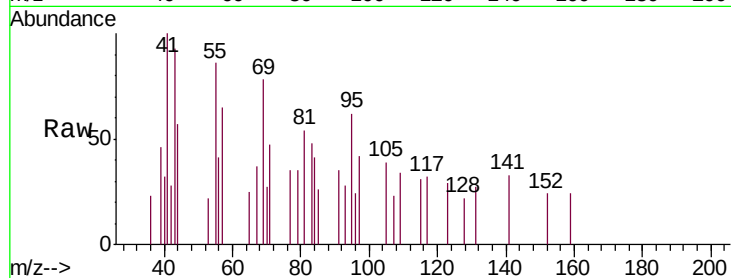




#48
2-Nitroaniline
Concen: 0.013 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

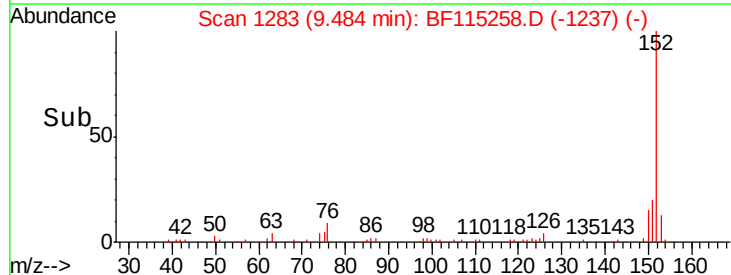
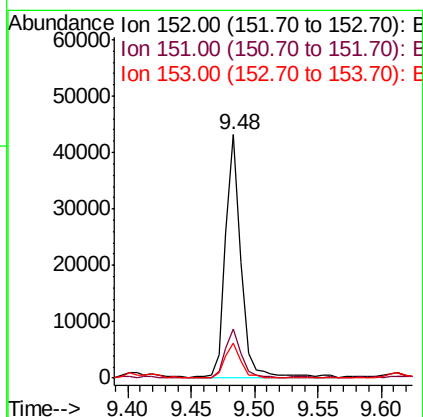
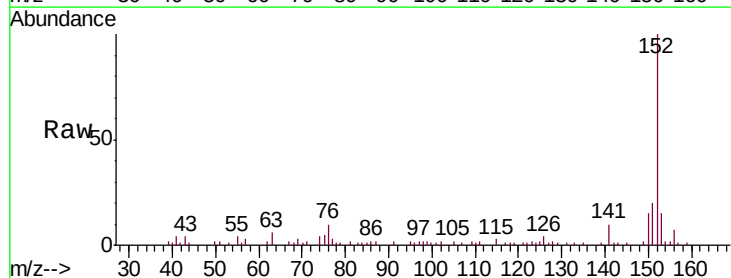
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

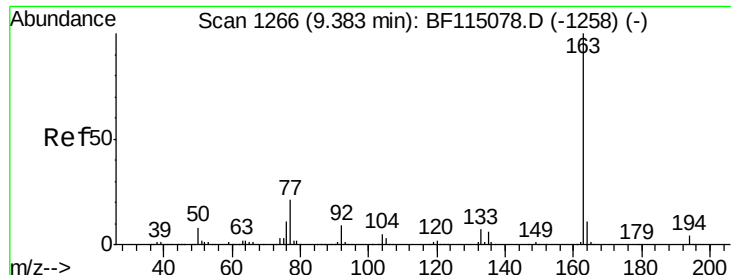
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 0.0 57.4 86.2#
138 0.0 94.1 141.1#



#49
Acenaphthylene
Concen: 0.788 ng
RT: 9.48 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion: 152 Resp: 37700
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 14.6 11.0 16.6

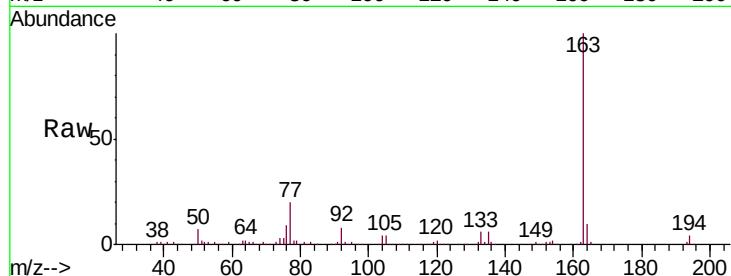




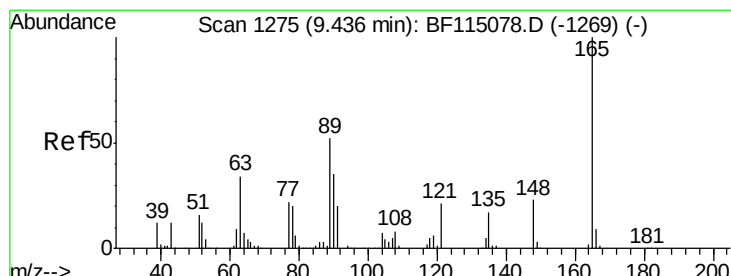
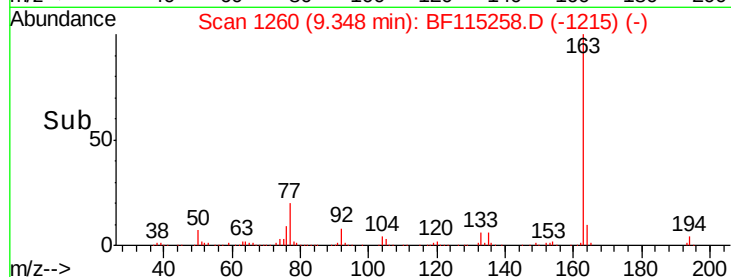
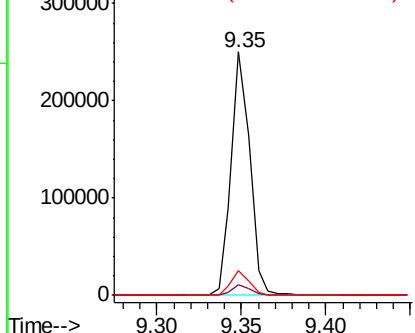
#50
Dimethylphthalate
Concen: 5.585 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	8.6	13.0

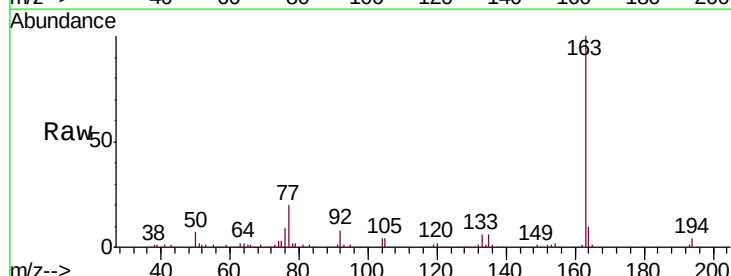


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

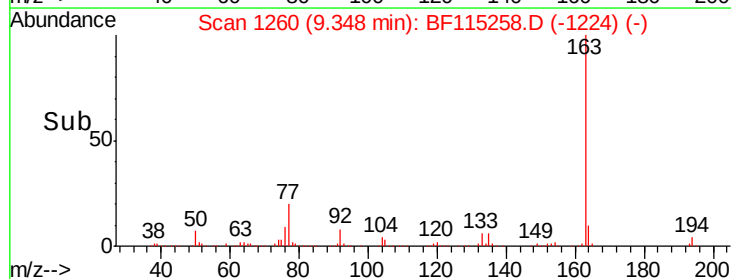
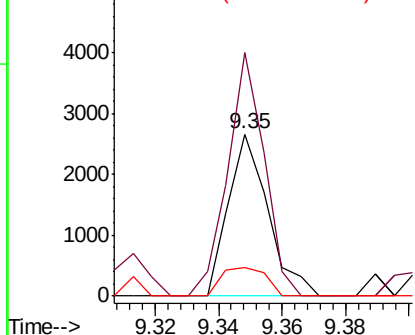


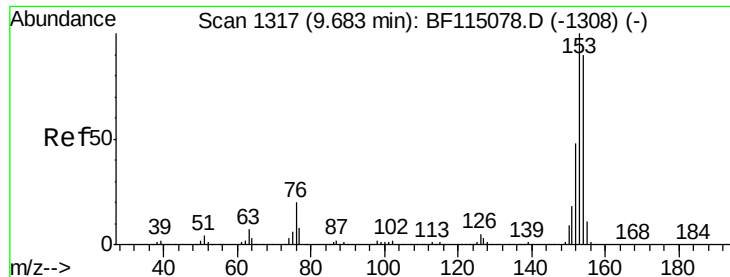
#51
2,6-Dinitrotoluene
Concen: 0.286 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.09 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	150.3	39.4	59.2#
89	17.9	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: 0.568 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

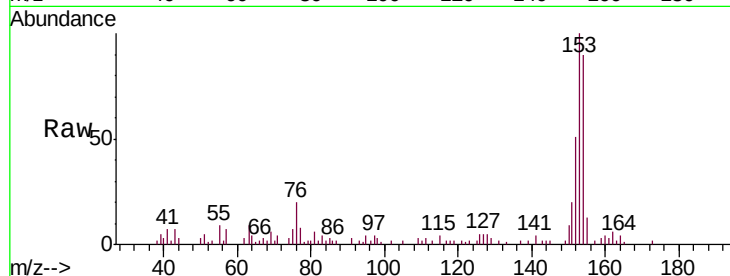
Tgt Ion:154 Resp: 16982

Ion Ratio Lower Upper

154 100

153 111.3 88.7 133.1

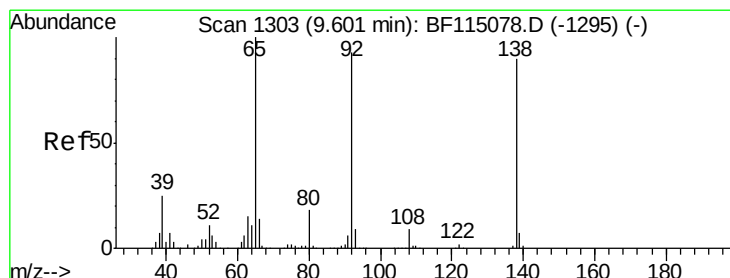
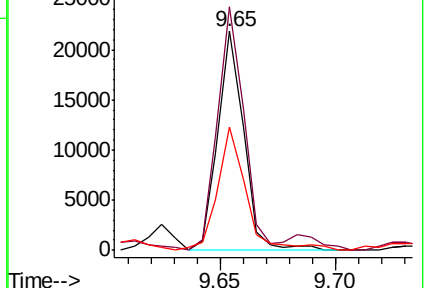
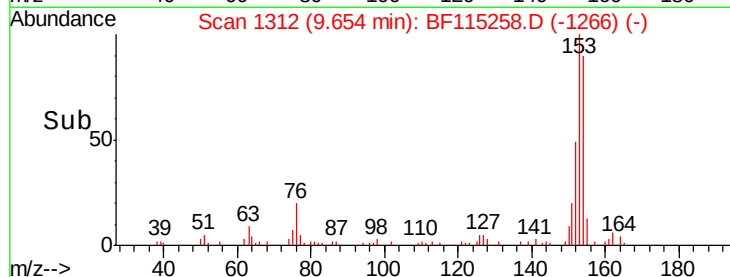
152 56.3 42.6 64.0



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: 0.032 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.22 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

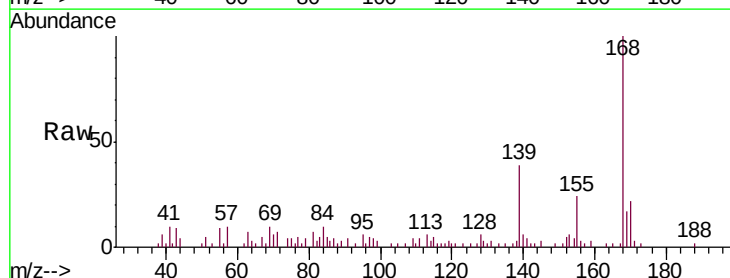
Tgt Ion:138 Resp: 313

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.6#

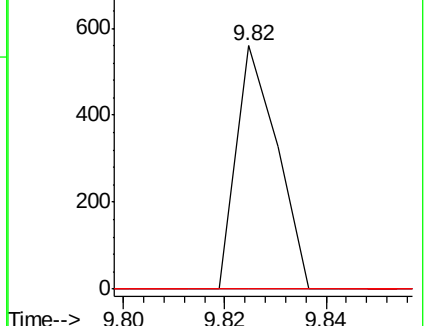
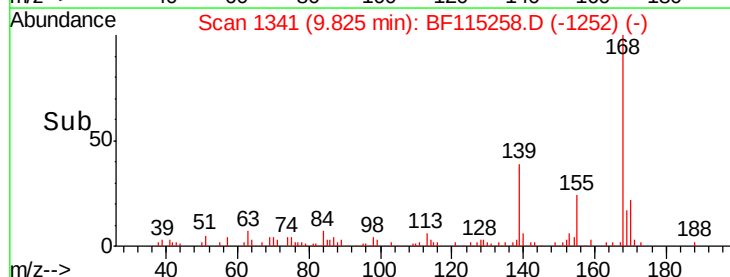
92 0.0 82.9 124.3#

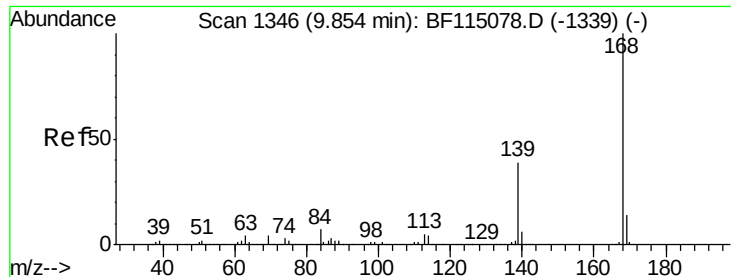


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

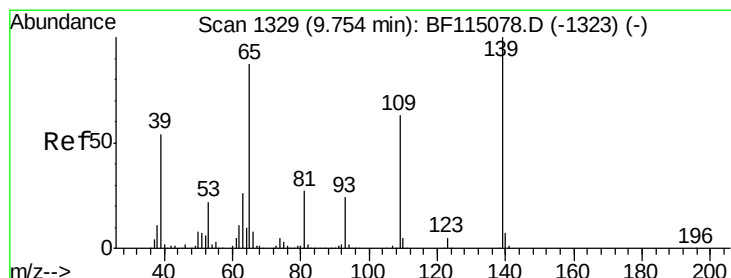
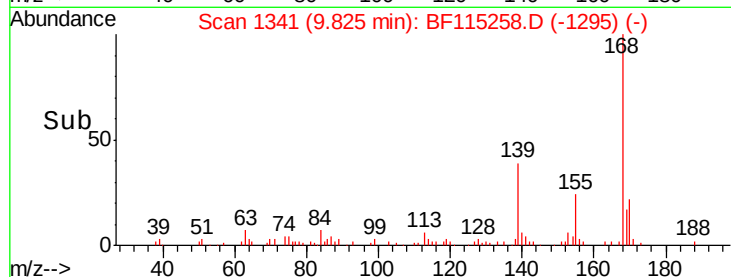
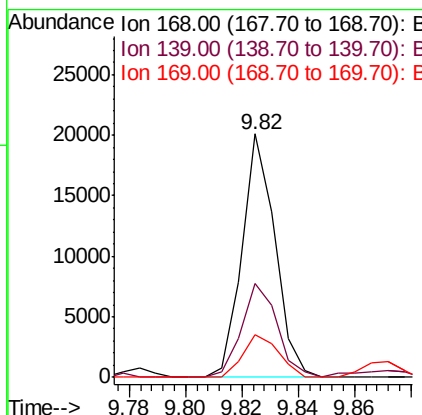
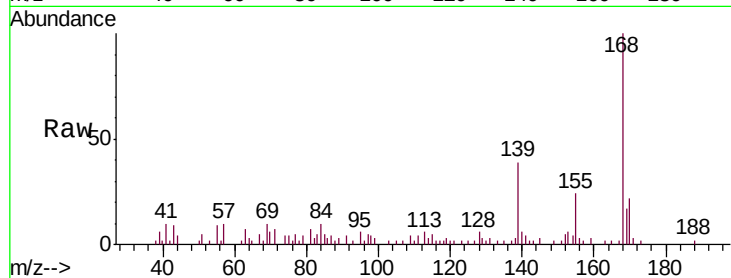




#55
Dibenzofuran
Concen: 0.380 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

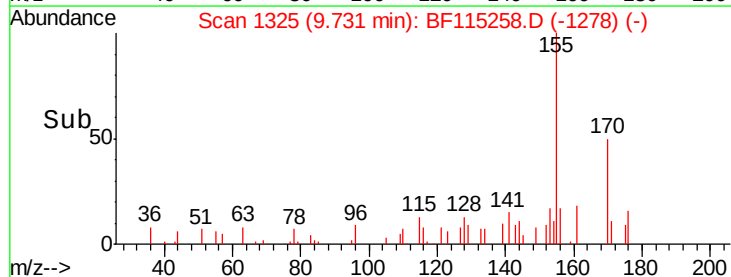
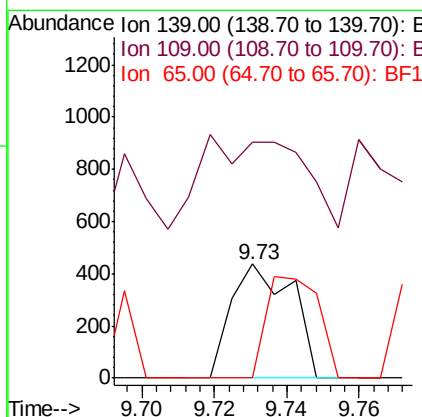
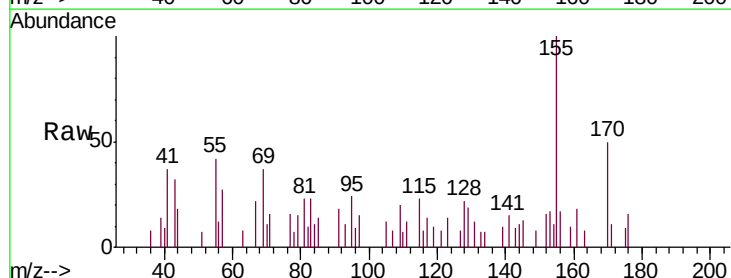
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

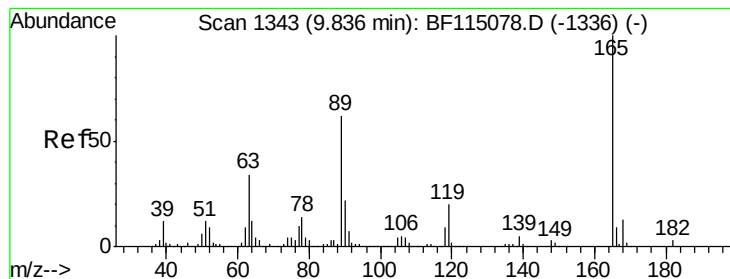
Tgt Ion:168 Resp: 16304
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 17.3 11.3 16.9#



#56
4-Nitrophenol
Concen: 0.065 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion:139 Resp: 507
Ion Ratio Lower Upper
139 100
109 206.9 43.0 83.0#
65 0.0 67.0 107.0#





#57

2,4-Dinitrotoluene

Concen: 6.003 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

Tgt Ion:165 Resp: 62248

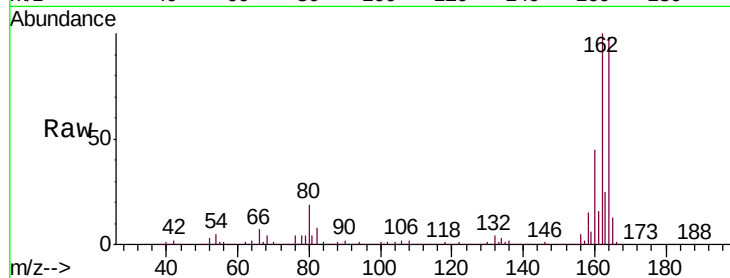
Ion Ratio Lower Upper

165 100

63 1.2 27.5 41.3#

89 1.4 49.9 74.9#

182 0.5 2.1 3.1#

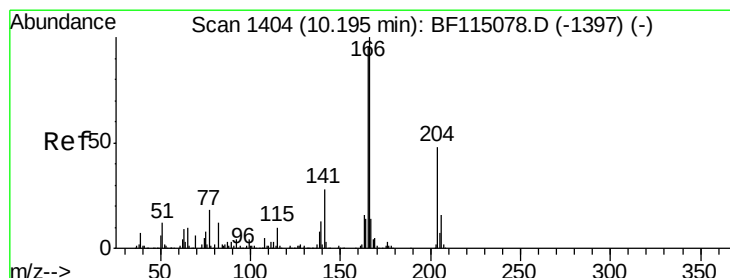
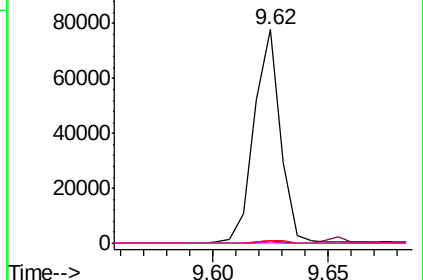
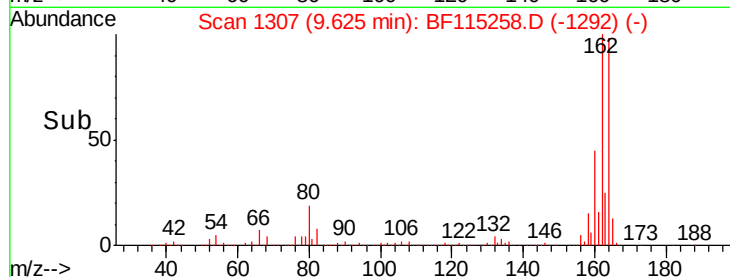


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.17 min Scan# 1399

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

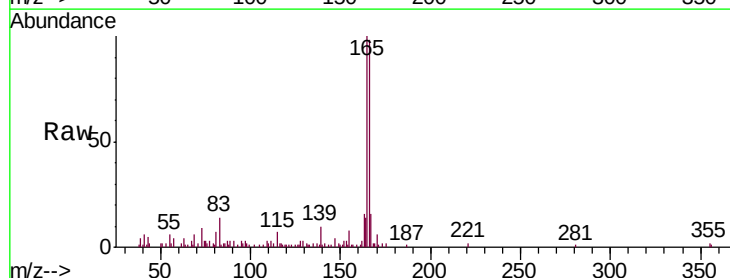
Tgt Ion:166 Resp: 28660

Ion Ratio Lower Upper

166 100

165 102.0 76.5 114.7

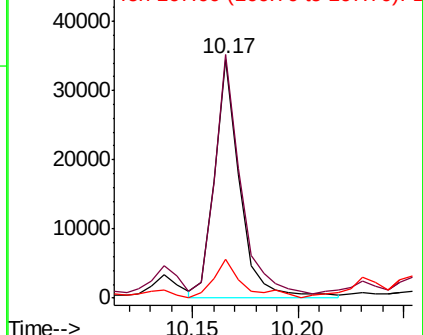
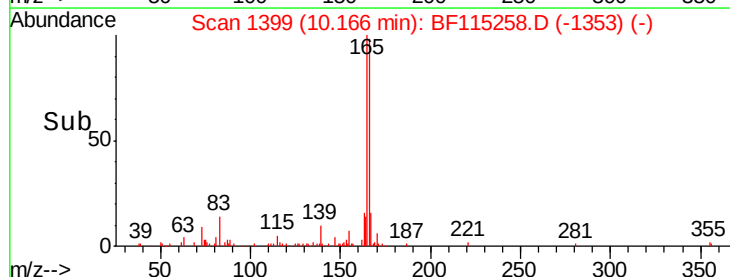
167 16.5 11.0 16.4#

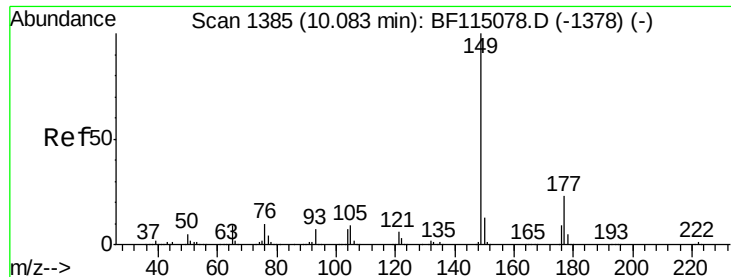


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

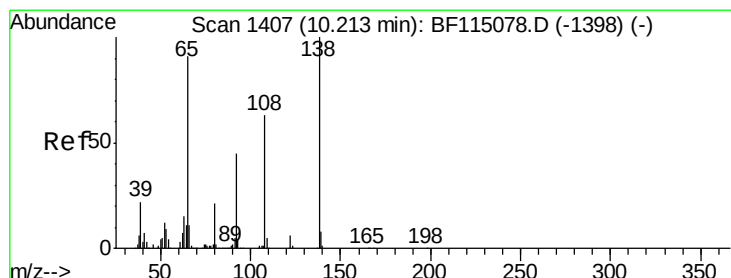
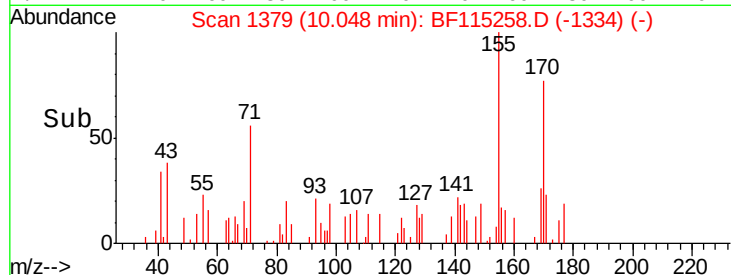
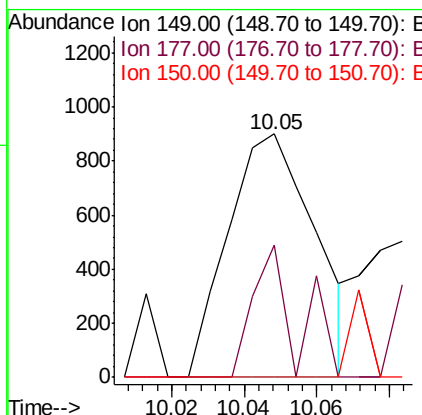
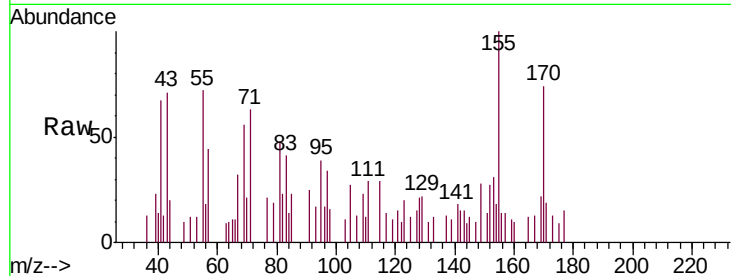




#60
 Diethylphthalate
 Concen: 0.043 ng
 RT: 10.05 min Scan# 1379
 Delta R.T. -0.04 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

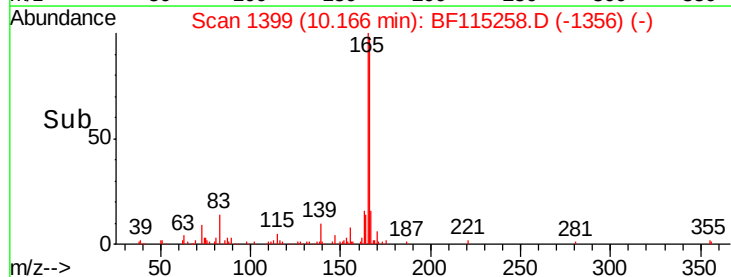
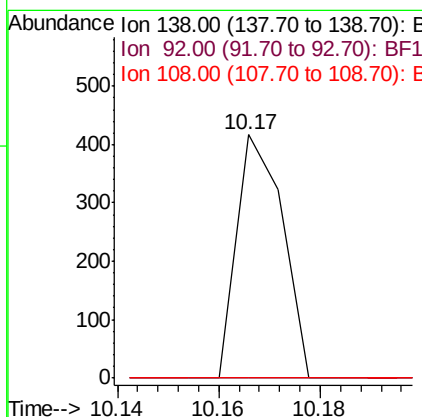
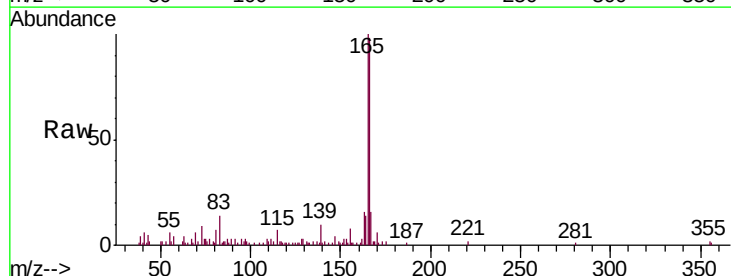
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-C

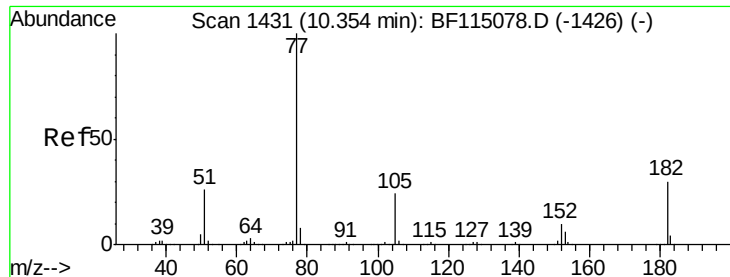
Tgt Ion:149 Resp: 1497
 Ion Ratio Lower Upper
 149 100
 177 54.3 18.7 28.1#
 150 0.0 10.4 15.6#



#62
 4-Nitroaniline
 Concen: 0.027 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.05 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

Tgt Ion:138 Resp: 261
 Ion Ratio Lower Upper
 138 100
 92 0.0 24.8 64.8#
 108 0.0 43.3 83.3#





#63

Azobenzene

Concen: 0.023 ng

RT: 10.33 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

Tgt Ion: 77 Resp: 756

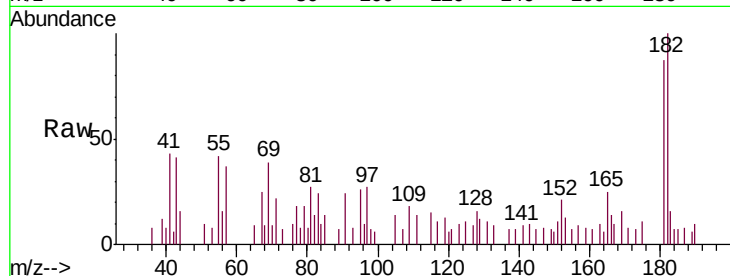
Ion Ratio Lower Upper

77 100

182 553.1 10.1 50.1#

105 76.5 4.5 44.5#

51 53.3 6.4 46.4#

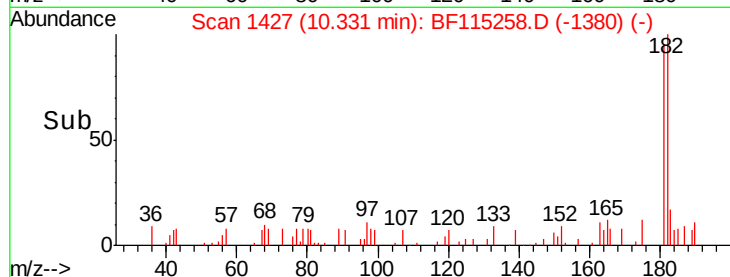


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

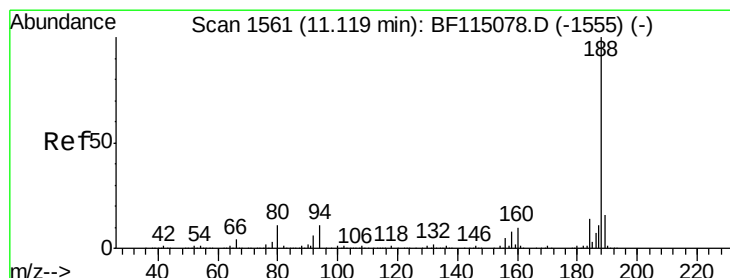
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.33



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

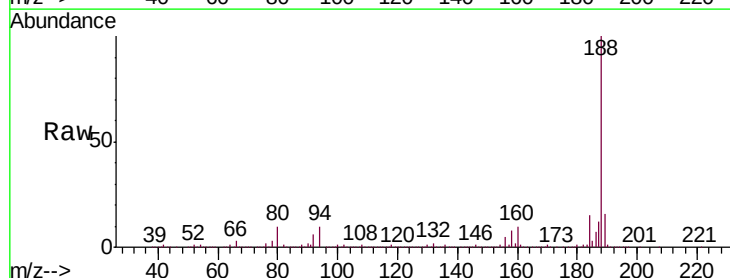
Tgt Ion: 188 Resp: 942042

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

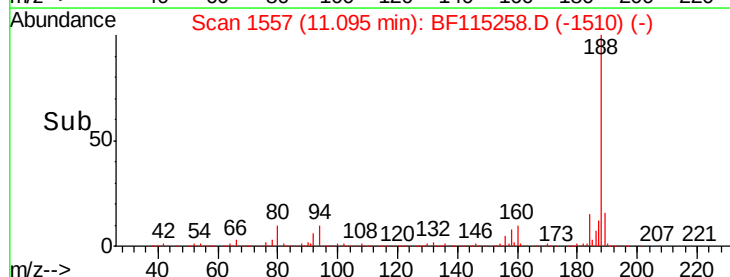
80 10.5 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

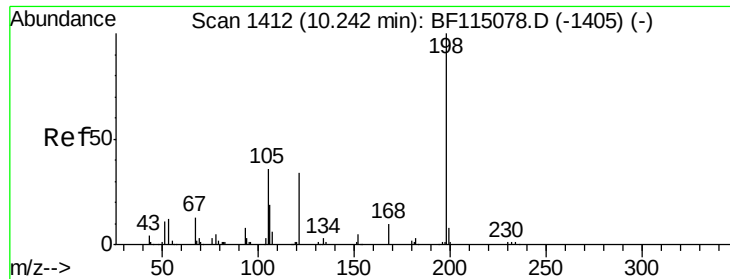
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.10



#65

4,6-Dinitro-2-methylphenol

Concen: 5.068 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.16 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

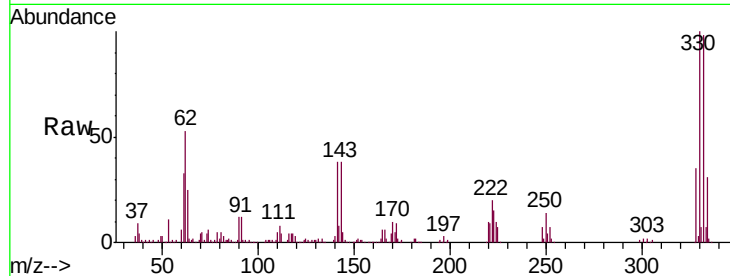
Tgt Ion:198 Resp: 605

Ion Ratio Lower Upper

198 100

51 166.0 11.0 51.0#

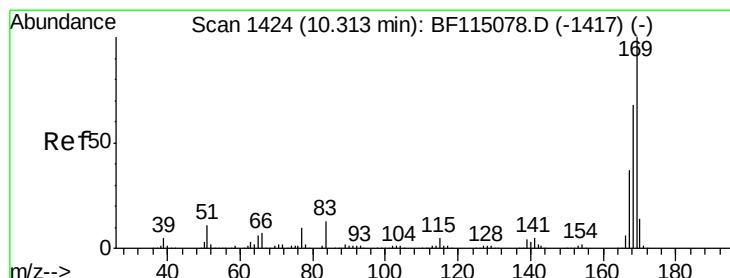
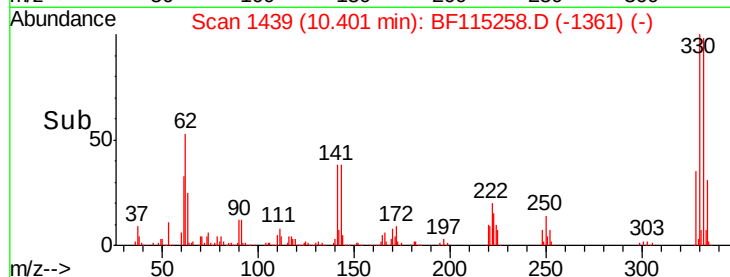
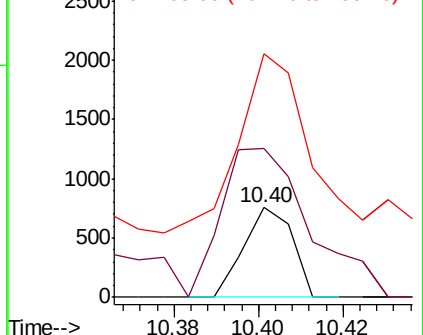
105 272.4 17.3 57.3#



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: 0.094 ng

RT: 10.29 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

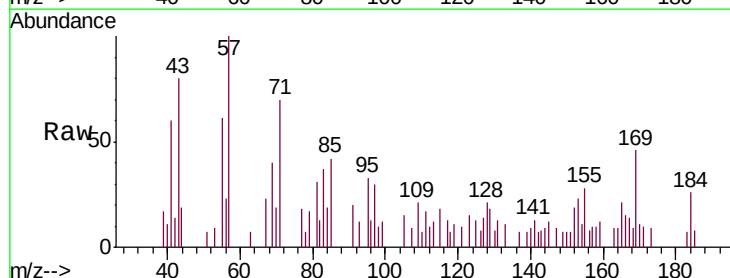
Tgt Ion:169 Resp: 2761

Ion Ratio Lower Upper

169 100

168 19.1 54.2 81.4#

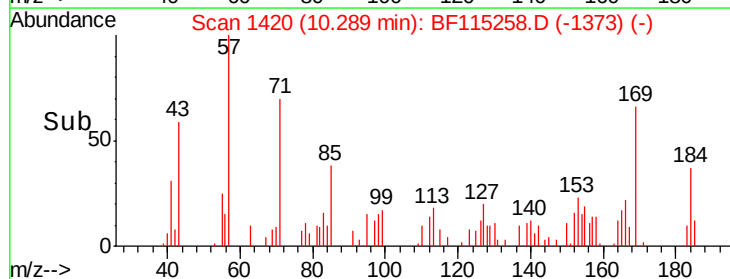
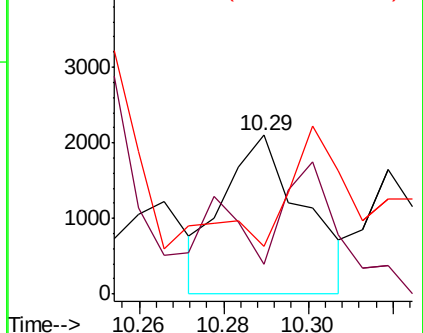
167 30.4 29.4 44.0

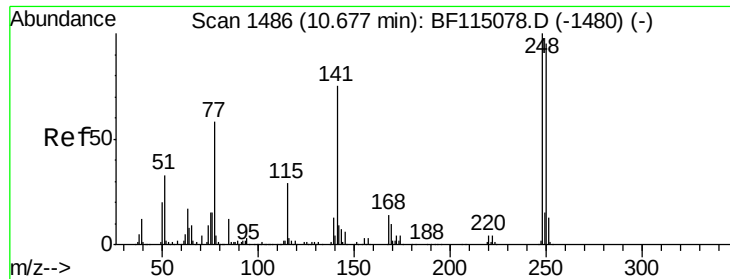


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

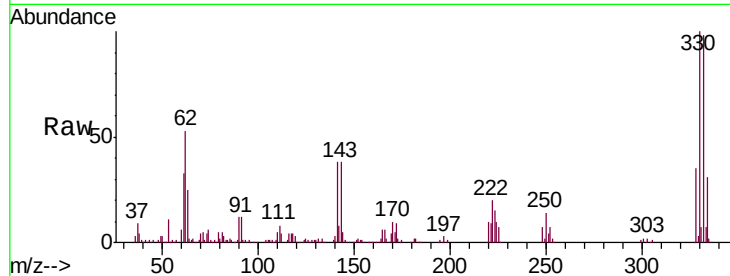




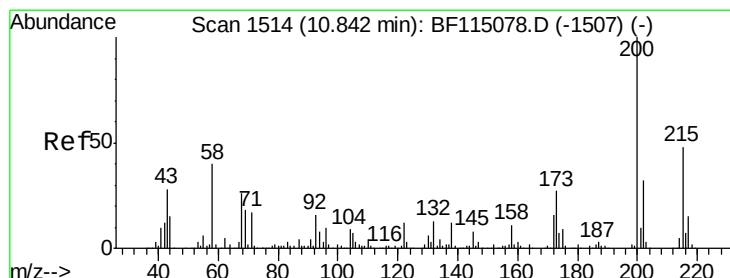
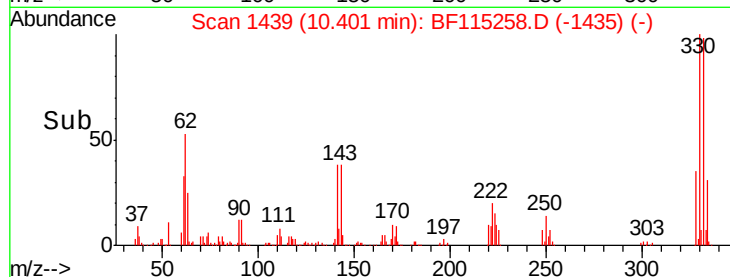
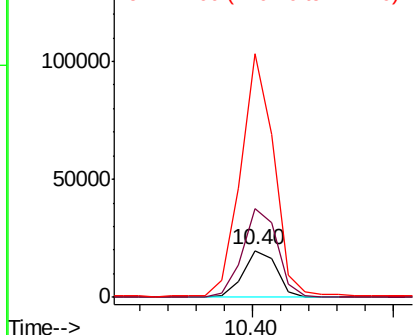
#67
4-Bromophenyl-phenylether
Concen: 1.610 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.28 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion:248 Resp: 16446
Ion Ratio Lower Upper
248 100
250 189.7 76.2 114.2#
141 522.7 59.6 89.4#

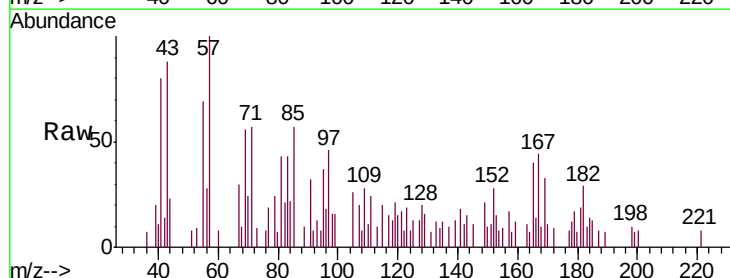


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

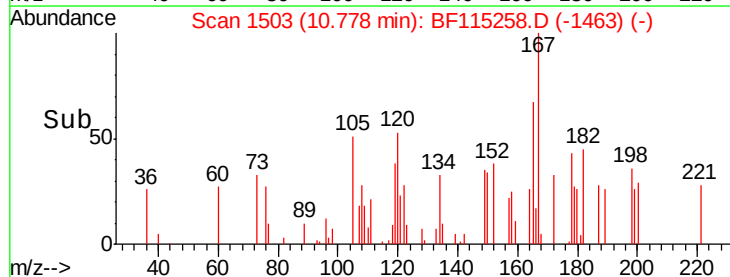
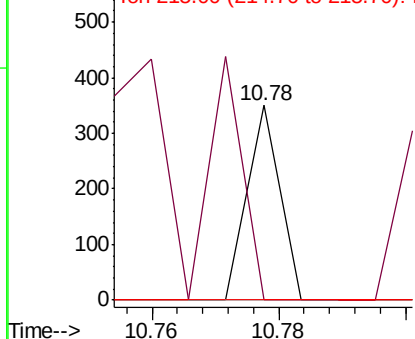


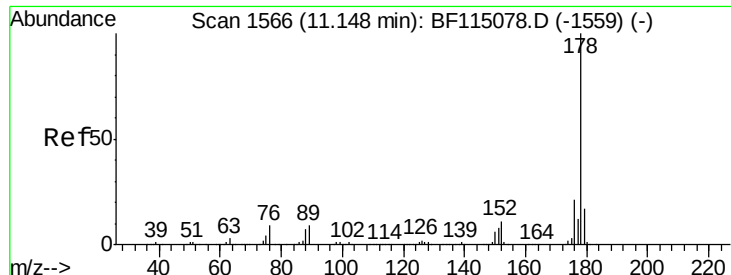
#69
Atrazine
Concen: 0.013 ng
RT: 10.78 min Scan# 1503
Delta R.T. -0.06 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion:200 Resp: 124
Ion Ratio Lower Upper
200 100
173 0.0 7.4 47.4#
215 0.0 27.8 67.8#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

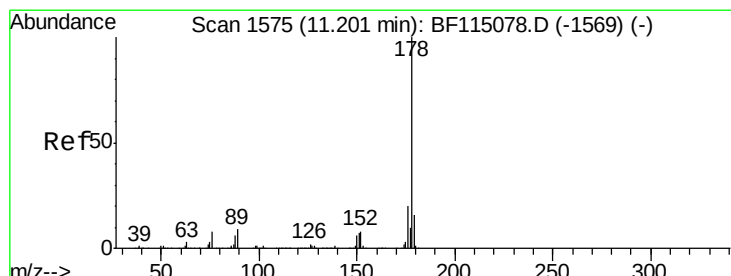
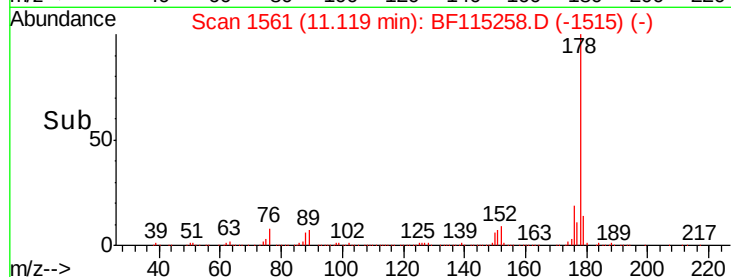
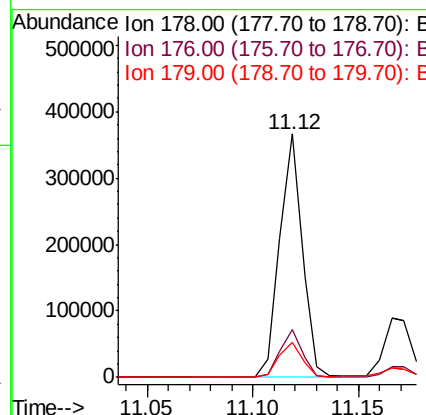
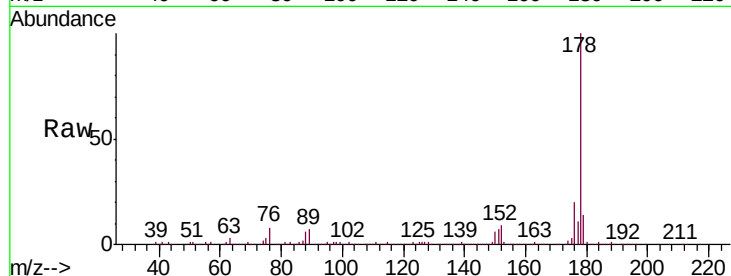




#71
Phenanthrene
Concen: 5.403 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

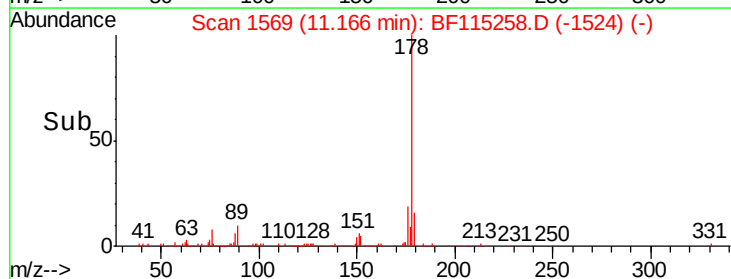
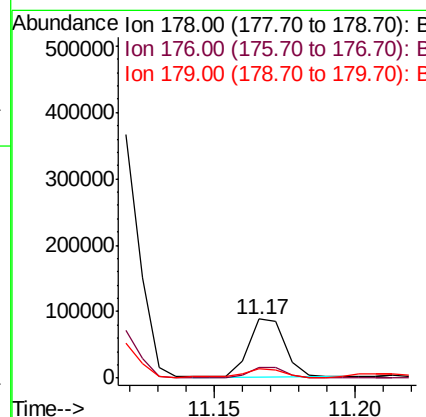
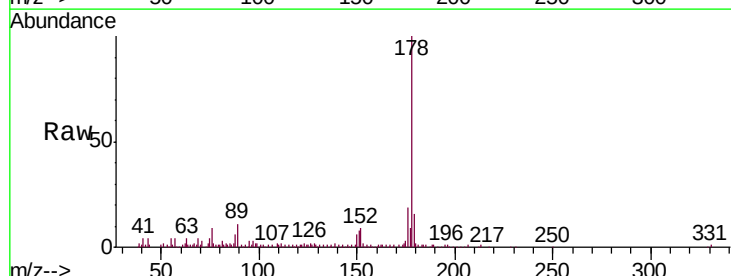
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

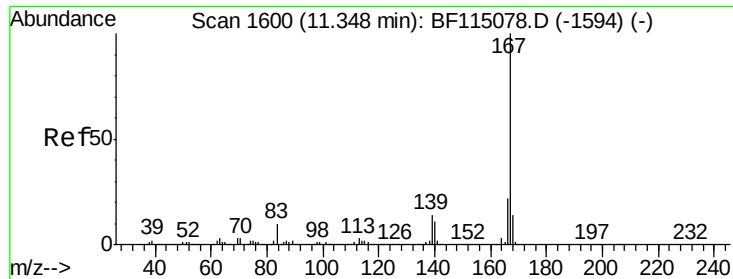
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.9	25.3
179	14.4	13.2	19.8



#72
Anthracene
Concen: 1.546 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.1	24.1
179	16.5	12.9	19.3

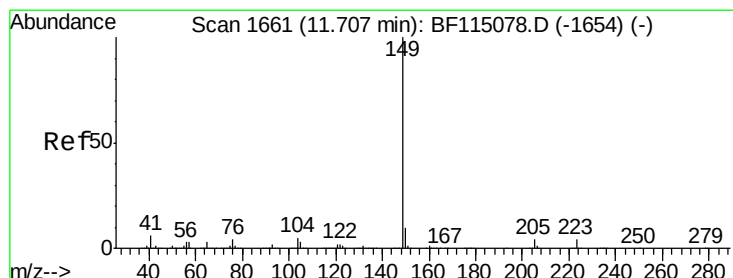
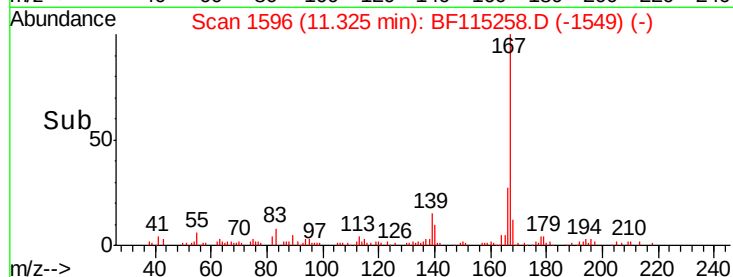
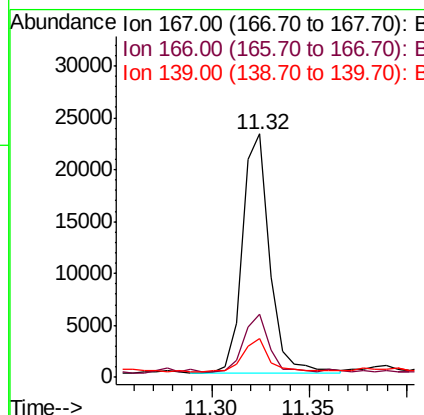
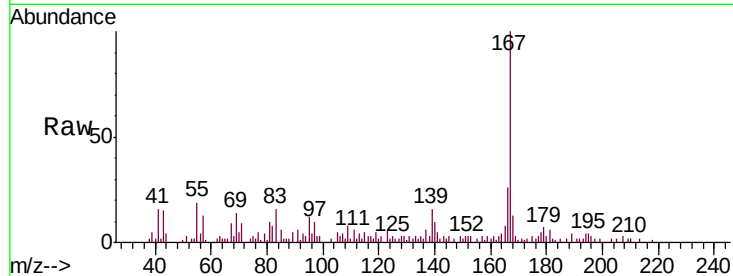




#73
 Carbazole
 Concen: 0.490 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

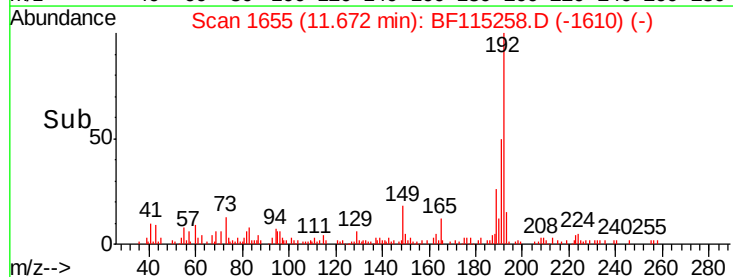
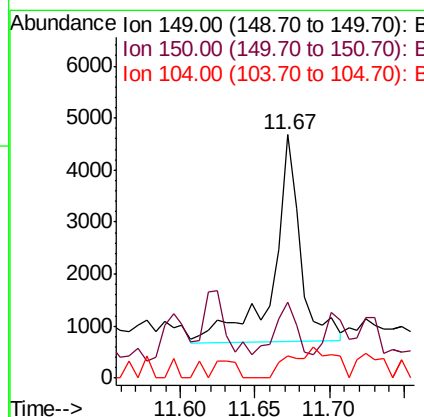
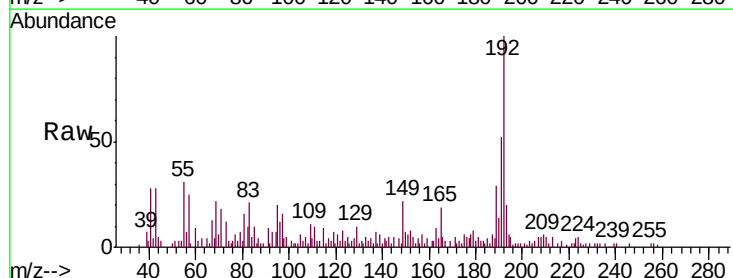
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062619-C

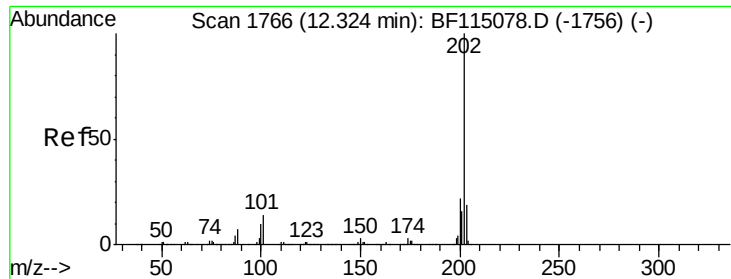
Tgt Ion:167 Resp: 22386
 Ion Ratio Lower Upper
 167 100
 166 26.1 18.0 27.0
 139 16.0 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 0.095 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BF115258.D
 Acq: 28 Jun 2019 2:14

Tgt Ion:149 Resp: 5011
 Ion Ratio Lower Upper
 149 100
 150 31.0 7.8 11.8#
 104 9.1 3.7 5.5#





#75

Fluoranthene

Concen: 7.429 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

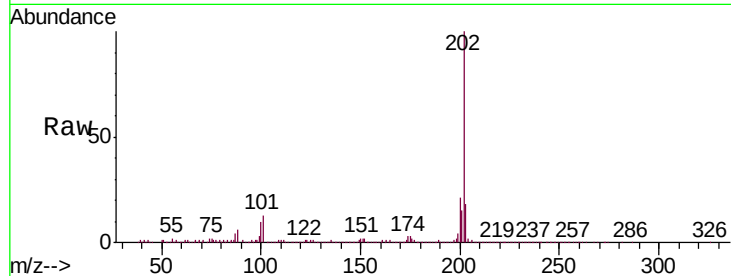
Tgt Ion:202 Resp: 375940

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.0

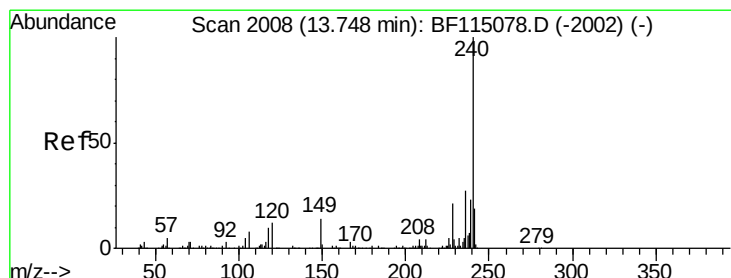
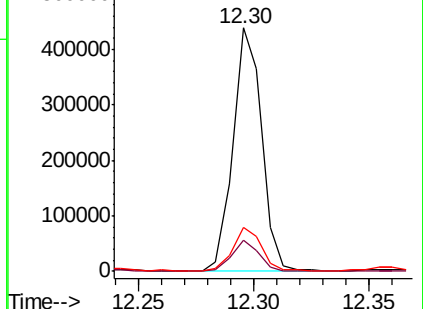
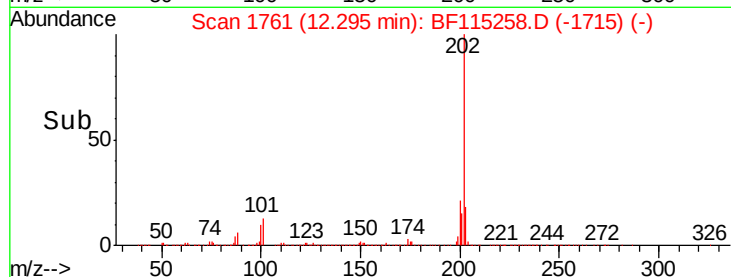
203 17.9 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

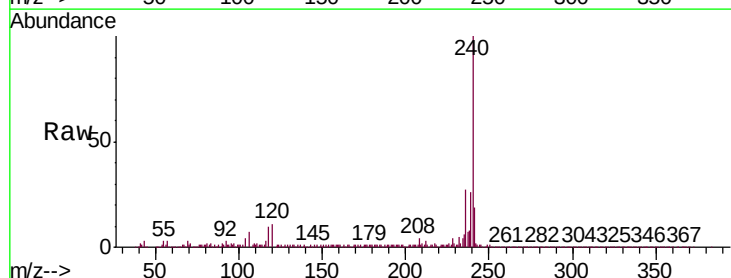
Tgt Ion:240 Resp: 697512

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

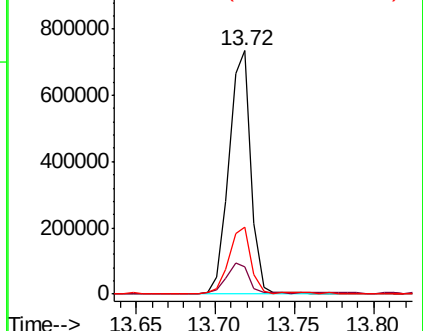
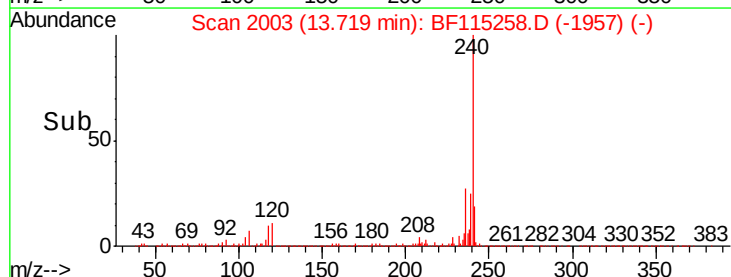
236 27.3 21.7 32.5

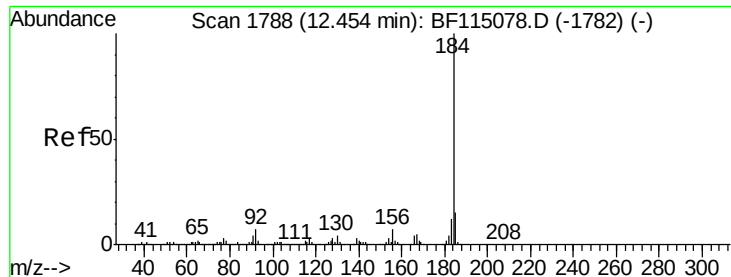


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.019 ng

RT: 12.40 min Scan# 1779

Delta R.T. -0.05 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

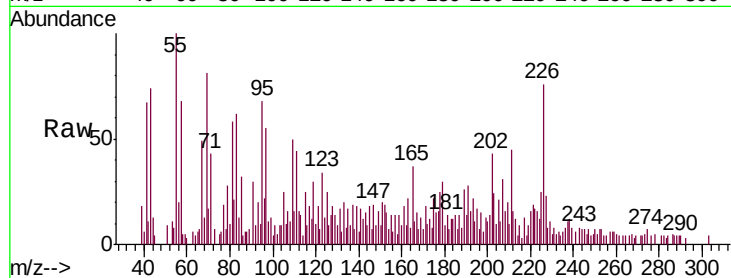
Tgt Ion:184 Resp: 599

Ion Ratio Lower Upper

184 100

185 111.2 12.2 18.2#

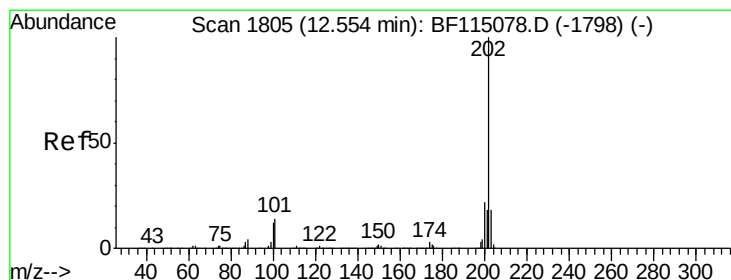
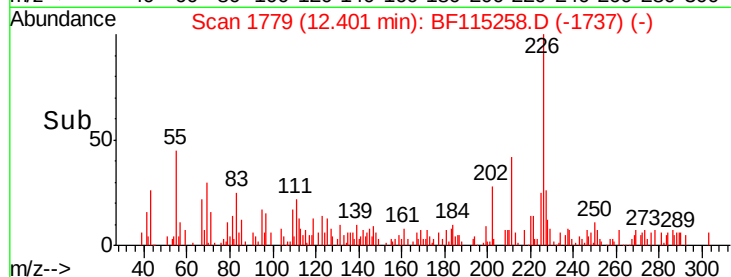
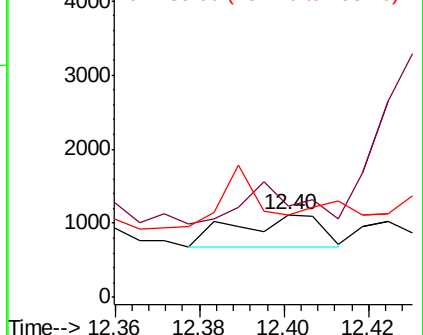
183 100.5 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.229 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

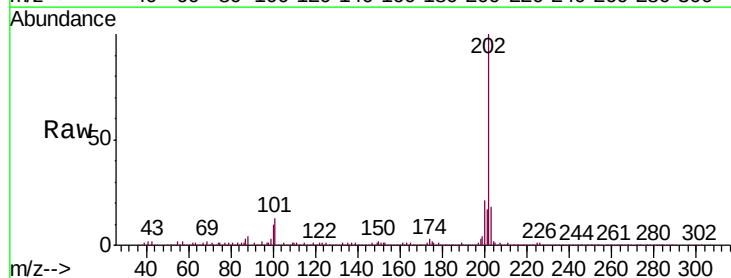
Tgt Ion:202 Resp: 387527

Ion Ratio Lower Upper

202 100

200 20.9 17.9 26.9

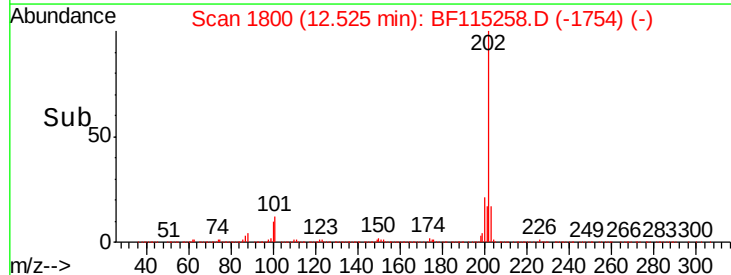
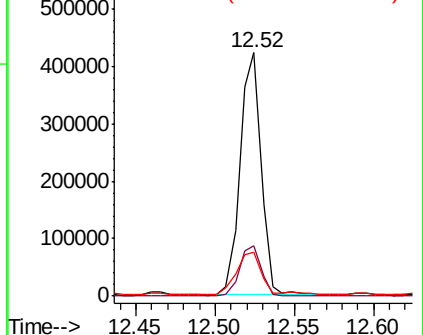
203 17.8 14.6 21.8

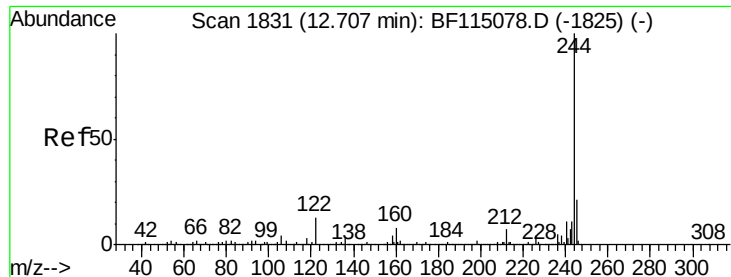


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 34.912 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

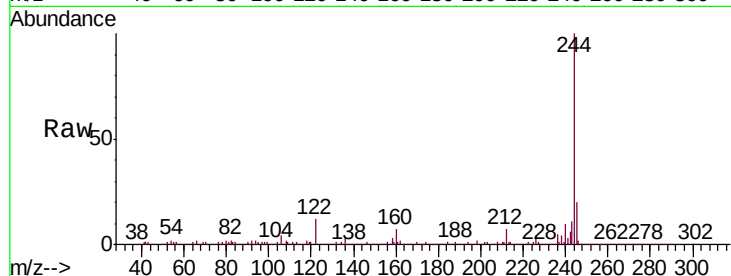
Tgt Ion:244 Resp: 1145347

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

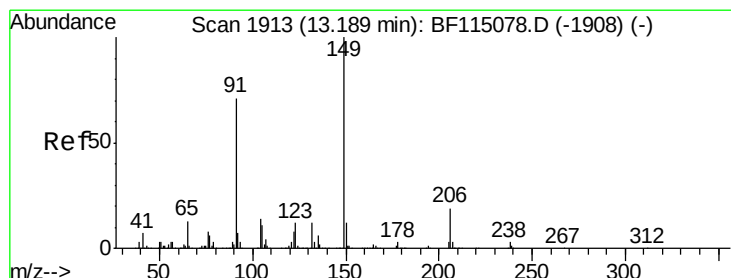
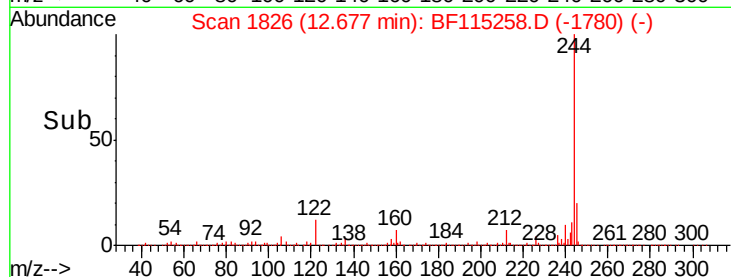
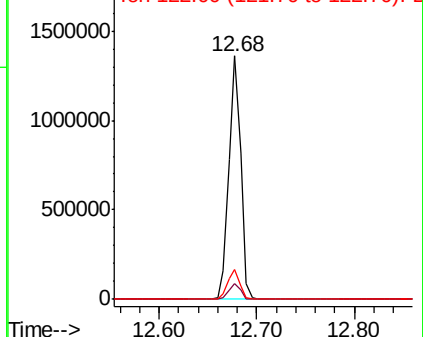
122 12.1 10.4 15.6



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: 0.021 ng

RT: 13.13 min Scan# 1903

Delta R.T. -0.06 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

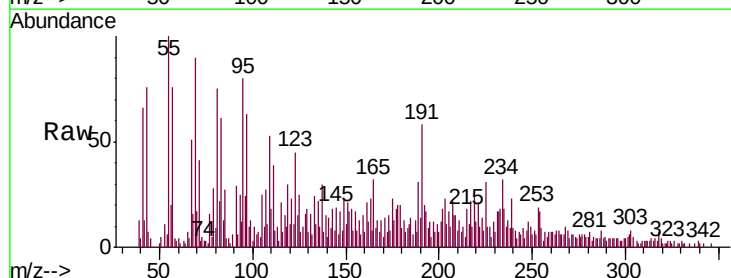
Tgt Ion:149 Resp: 493

Ion Ratio Lower Upper

149 100

91 126.8 56.5 84.7#

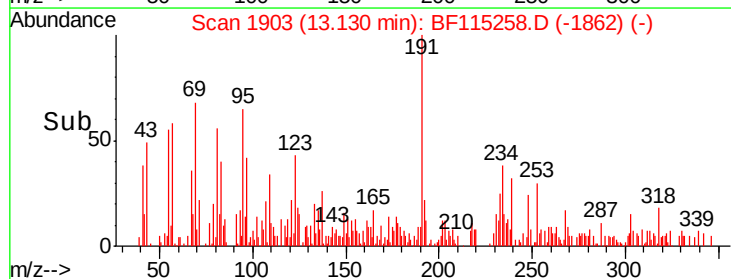
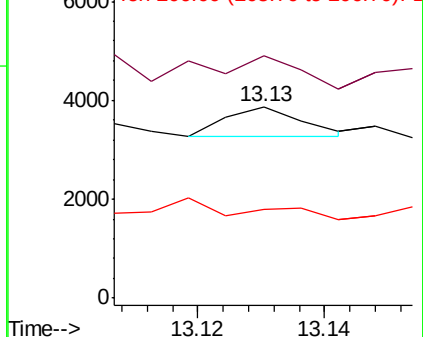
206 46.1 15.3 22.9#

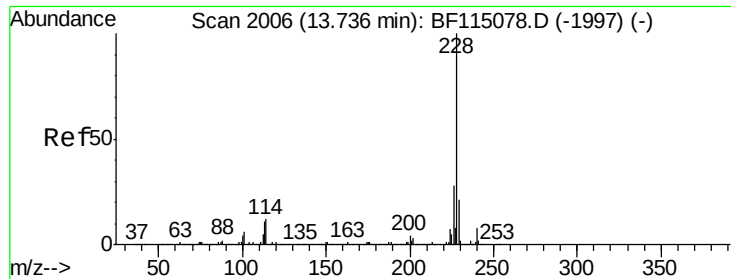


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

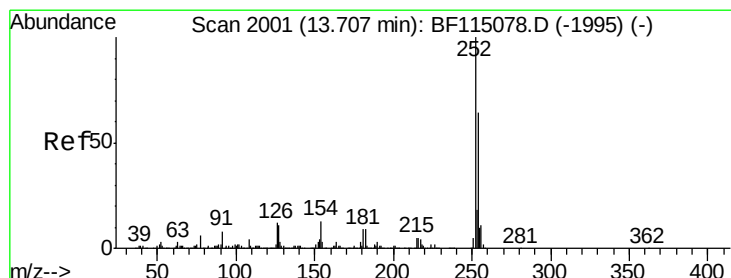
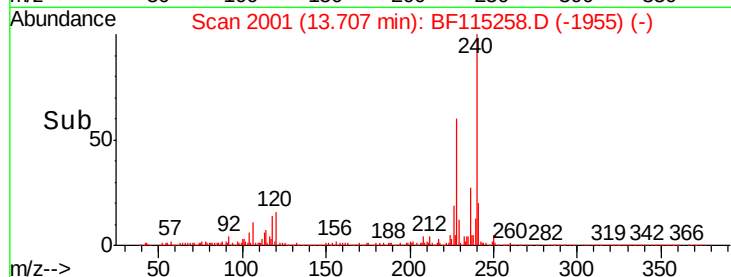
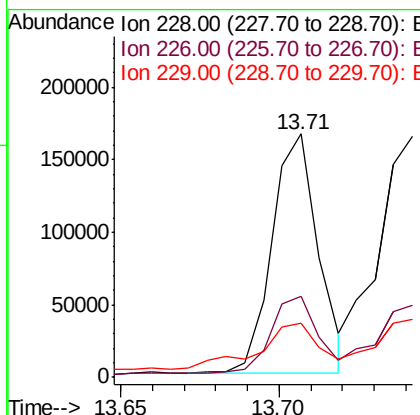
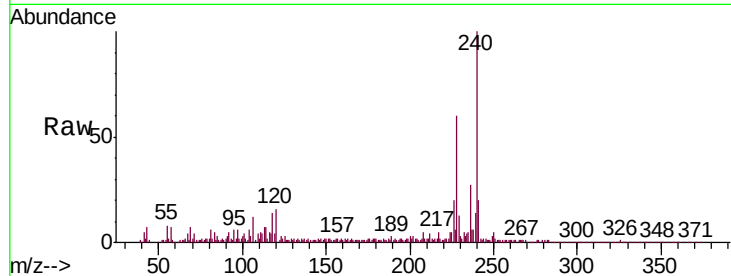




#81
Benzo(a)anthracene
Concen: 3.339 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

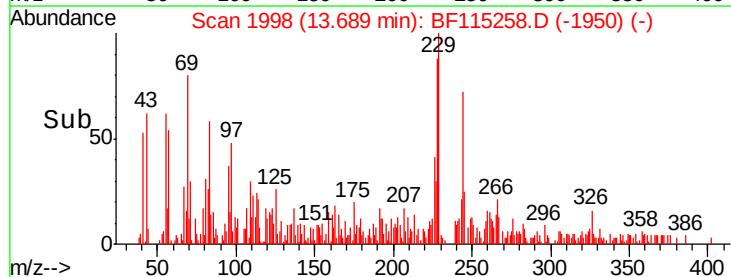
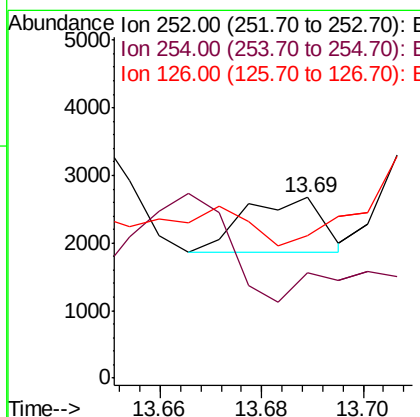
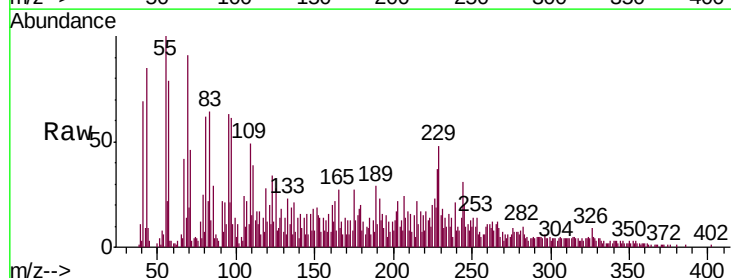
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

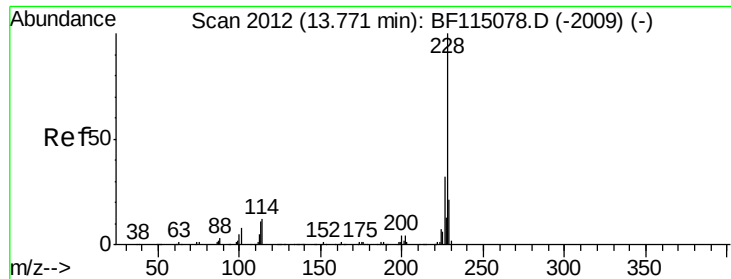
Tgt Ion: 228 Resp: 167113
Ion Ratio Lower Upper
228 100
226 33.2 22.5 33.7
229 22.5 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 0.049 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion: 252 Resp: 881
Ion Ratio Lower Upper
252 100
254 58.0 51.1 76.7
126 78.5 9.4 14.0#





#83

Chrysene

Concen: 3.727 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

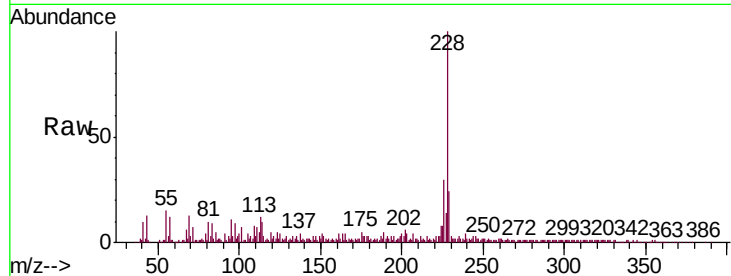
Tgt Ion: 228 Resp: 170848

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

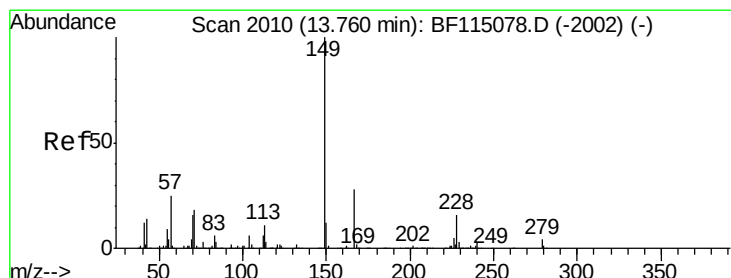
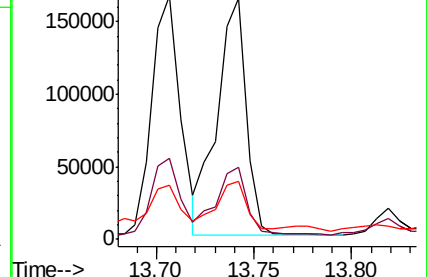
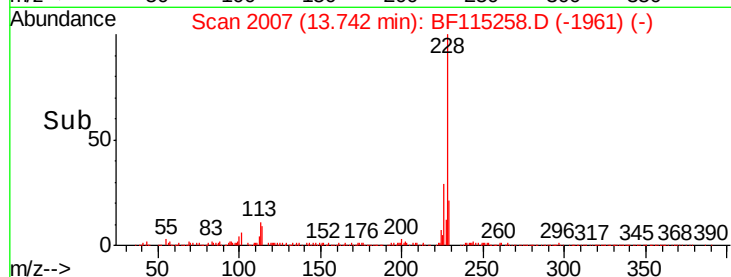
229 24.0 16.5 24.7



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: 0.185 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.03 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

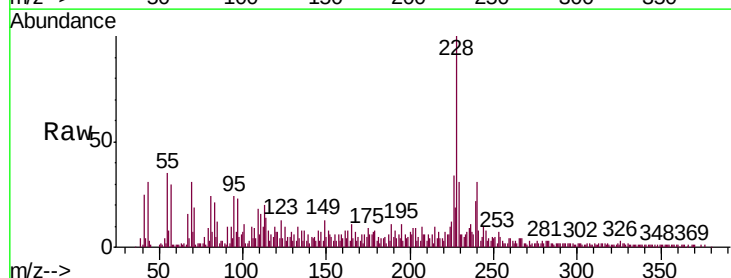
Tgt Ion: 149 Resp: 5749

Ion Ratio Lower Upper

149 100

167 51.0 22.2 33.4#

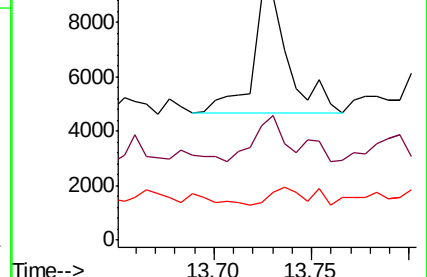
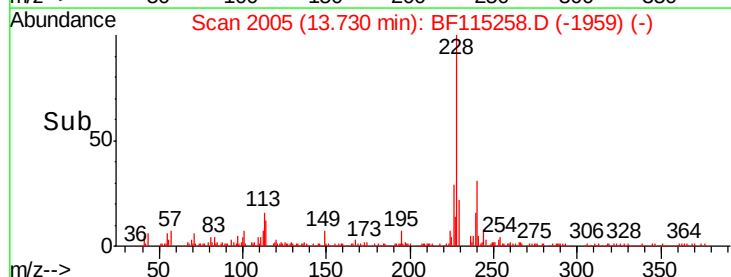
279 19.7 2.9 4.3#

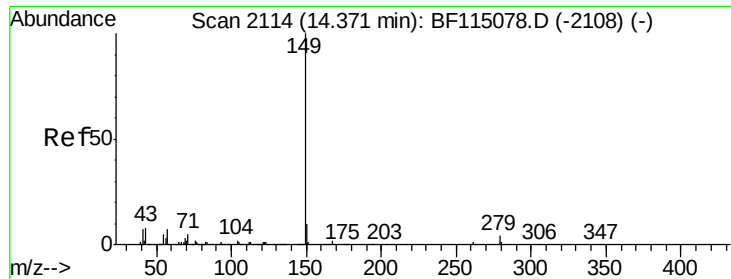


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.092 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

Instrument :

BNA_F

ClientSampleId :

CL-02-062619-C

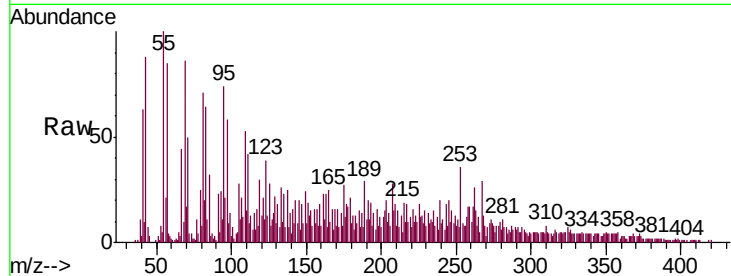
Tgt Ion:149 Resp: 4816

Ion Ratio Lower Upper

149 100

167 25.4 1.2 1.8#

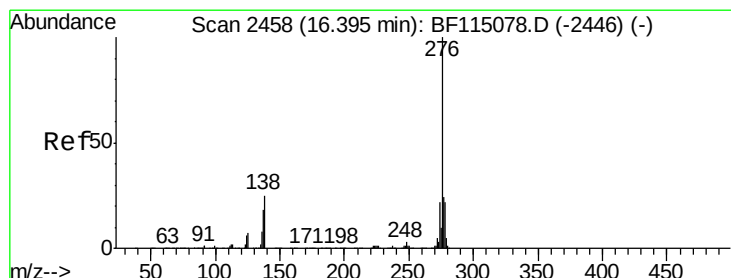
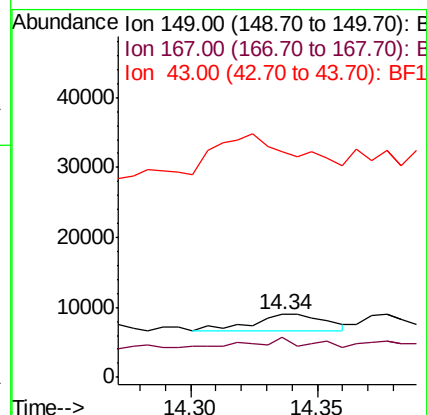
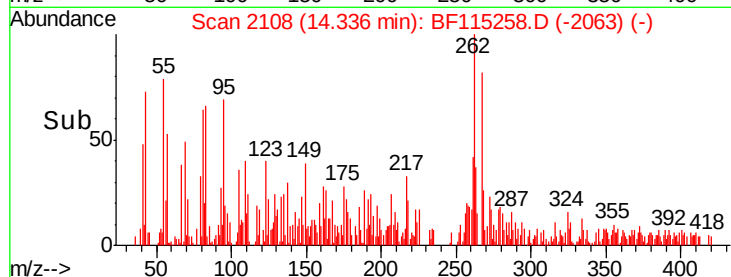
43 288.4 7.0 10.6#



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: 1.066 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.05 min

Lab File: BF115258.D

Acq: 28 Jun 2019 2:14

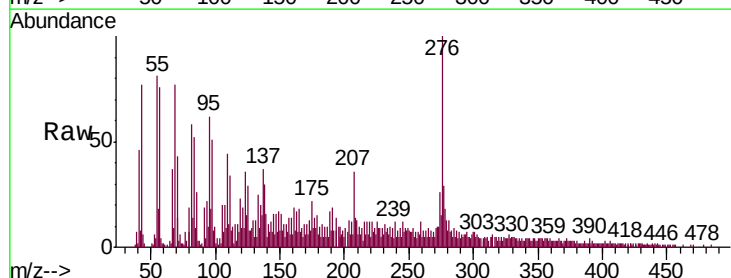
Tgt Ion:276 Resp: 57821

Ion Ratio Lower Upper

276 100

138 31.2 23.2 34.8

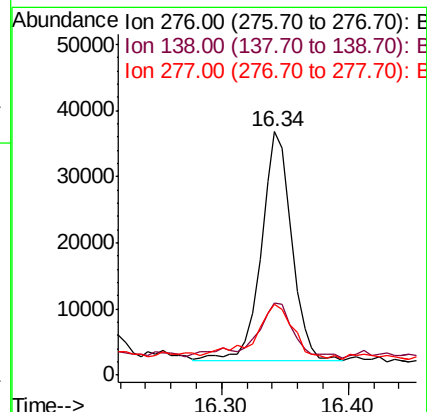
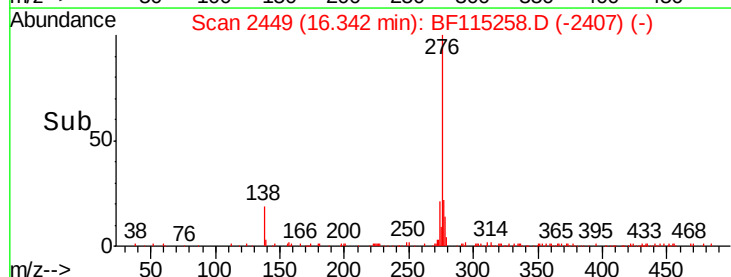
277 30.7 20.1 30.1#

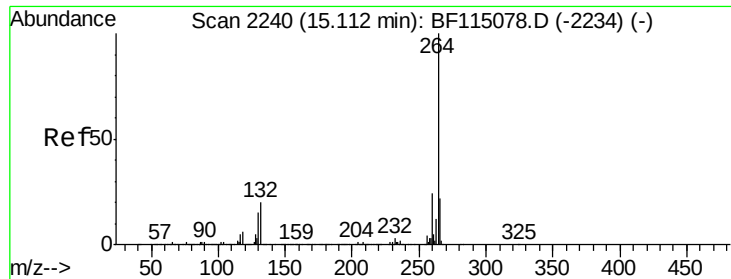


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

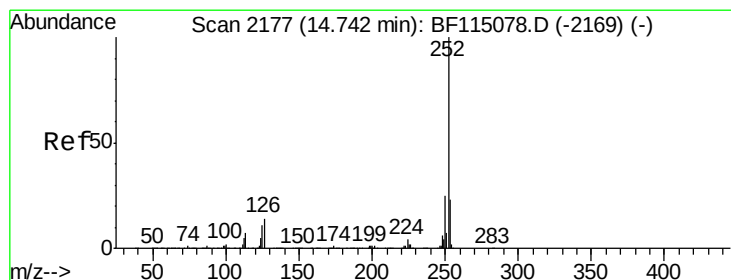
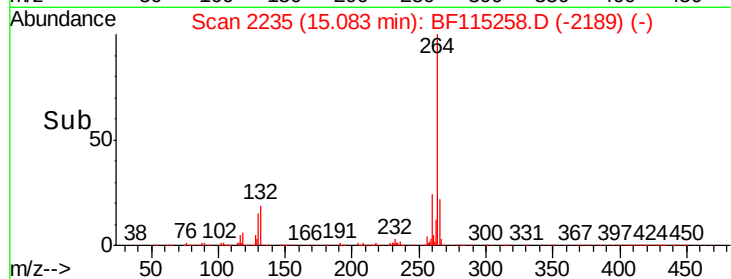
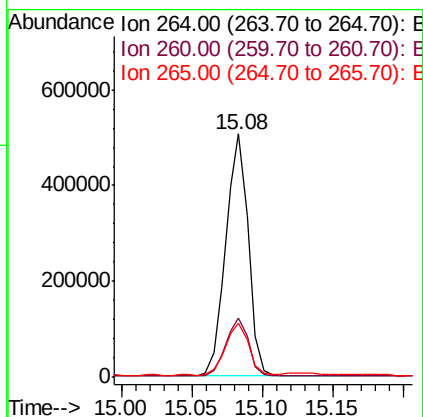
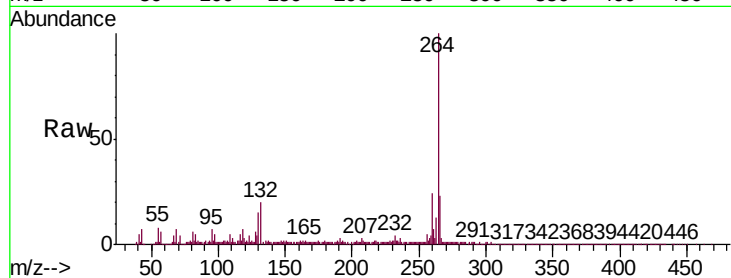




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

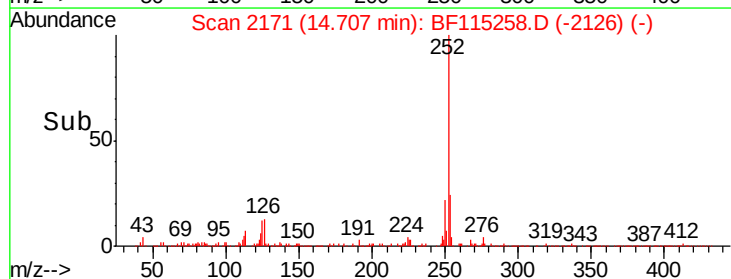
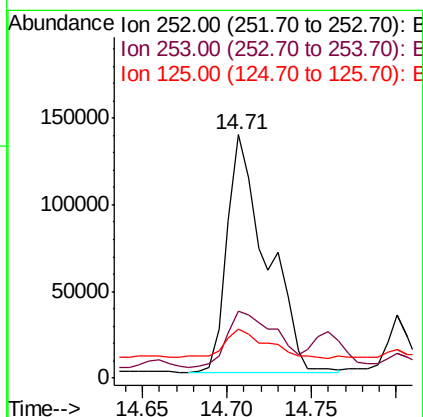
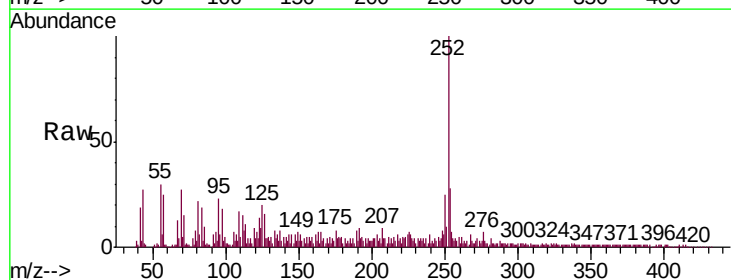
Instrument :
BNA_F
ClientSampleId :
CL-02-062619-C

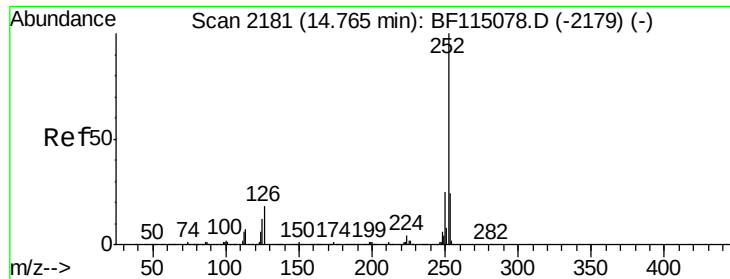
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.5	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 6.398 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.1	27.1#
125	19.9	8.7	13.1#

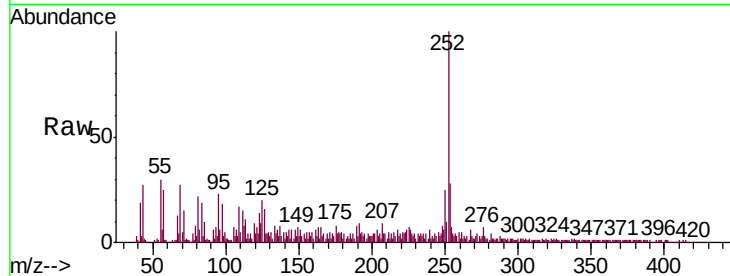




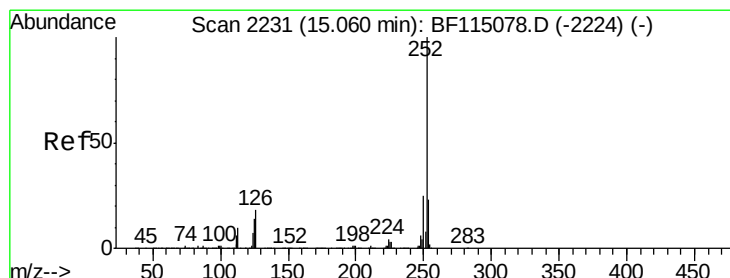
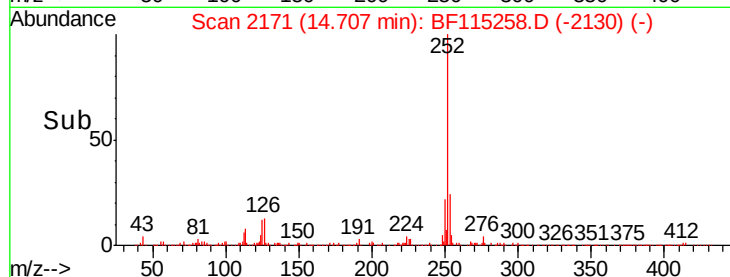
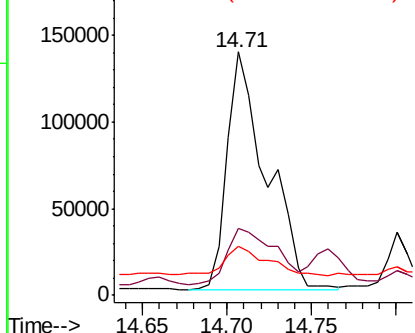
#89
Benzo(k)fluoranthene
Concen: 7.134 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.06 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.9	28.3
125	19.9	10.2	15.2

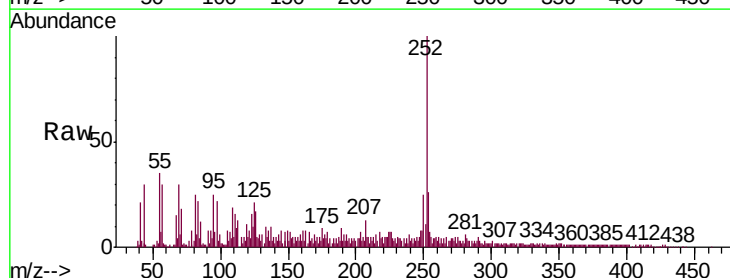


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

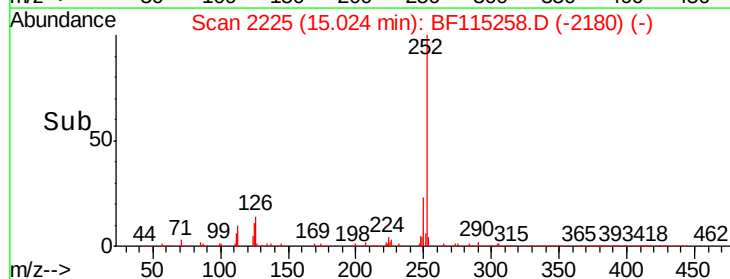
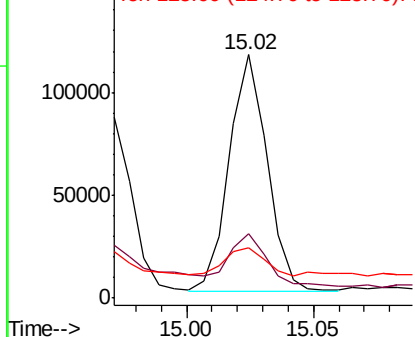


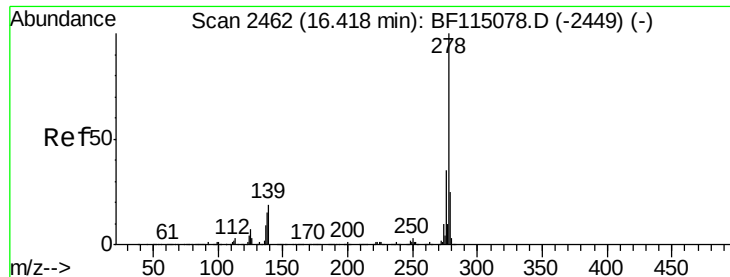
#90
Benzo(a)pyrene
Concen: 3.816 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.3	27.5
125	20.8	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



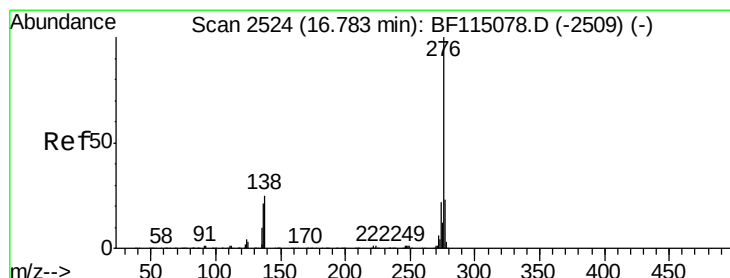
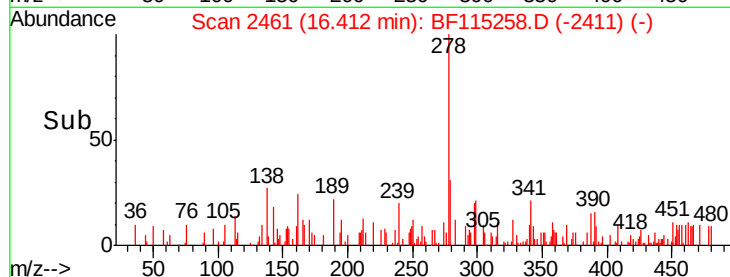
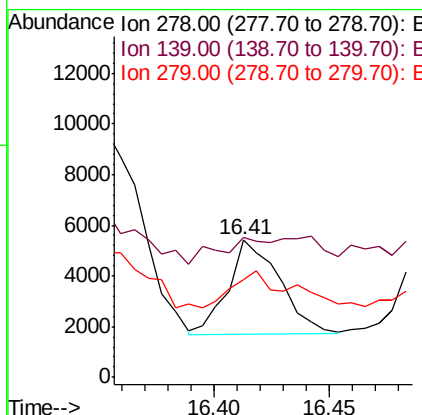
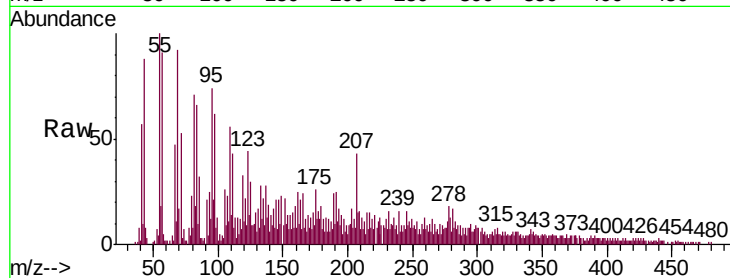


#91
Dibenzo(a,h)anthracene
Concen: 0.195 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

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

Tgt Ion: 278 Resp: 5732

Ion	Ratio	Lower	Upper
278	100		
139	102.2	15.4	23.2#
279	71.3	19.9	29.9#



#92
Benzo(g,h,i)perylene
Concen: 1.944 ng
RT: 16.72 min Scan# 2513
Delta R.T. -0.06 min
Lab File: BF115258.D
Acq: 28 Jun 2019 2:14

Tgt Ion: 276 Resp: 57921

Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.6	28.0#
138	30.9	19.8	29.6#

