

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115314.D
 Acq On : 29 Jun 2019 11:19
 Operator : HP/JU
 Sample : K3555-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Quant Time: Jun 30 02:05:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	233232	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	927120	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	470299	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	946733	20.00	ng	0.00
76) Chrysene-d12	13.71	240	837672	20.00	ng	0.00
87) Perylene-d12	15.08	264	944128	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1159635	76.73	ng	0.00
7) Phenol-d6	6.24	99	1475758	80.45	ng	0.00
23) Nitrobenzene-d5	7.16	82	878420	58.28	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	426823	86.06	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1626262	58.74	ng	0.00
79) Terphenyl-d14	12.68	244	1904329	48.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	107	0.015	ng	# 24
3) Pyridine	2.85	79	107	0.005	ng	# 1
4) n-Nitrosodimethylamine	2.77	42	138	0.018	ng	# 1
6) Aniline	6.24	93	445	0.018	ng	# 1
8) 2-Chlorophenol	6.38	128	378	0.022	ng	# 1
9) Benzaldehyde	6.24	77	2111	0.176	ng	# 1
10) Phenol	6.25	94	14737	0.686	ng	94
11) bis(2-Chloroethyl)ether	6.37	93	1839	0.116	ng	# 1
15) Benzyl Alcohol	6.75	79	13894	1.040	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.15	45	407	0.018	ng	# 1
22) Acetophenone	7.01	105	112	0.005	ng	# 1
24) Nitrobenzene	7.16	77	2679	0.161	ng	# 30
28) bis(2-Chloroethoxy)methane	7.88	93	278	0.014	ng	# 1
38) 1-Methylnaphthalene	8.95	142	877	0.030	ng	# 37
46) 1,1'-Biphenyl	9.05	154	2945	0.078	ng	96
47) 2-Chloronaphthalene	9.35	162	1108	0.036	ng	# 1
48) 2-Nitroaniline	9.35	65	1713	0.192	ng	# 1
50) Dimethylphthalate	9.35	163	203237	5.874	ng	97
51) 2,6-Dinitrotoluene	9.35	165	2298	0.288	ng	# 19
52) Acenaphthene	9.62	154	1683	0.057	ng	# 5
60) Diethylphthalate	10.05	149	1717	0.049	ng	# 58
63) Azobenzene	10.34	77	272	0.008	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	11644	0.395	ng	# 41
71) Phenanthrene	11.12	178	1513	0.030	ng	# 81
72) Anthracene	11.17	178	570	0.011	ng	# 59
73) Carbazole	11.32	167	275	0.006	ng	# 58
74) Di-n-butylphthalate	11.67	149	4470	0.084	ng	# 91
75) Fluoranthene	12.30	202	1199	0.024	ng	# 43
77) Benzidine	12.68	184	24369	0.655	ng	# 92
78) Pyrene	12.52	202	1269	0.020	ng	# 66
80) Butylbenzylphthalate	13.37	149	124	0.004	ng	# 48
81) Benzo(a)anthracene	13.71	228	3213	0.053	ng	# 56
83) Chrysene	13.71	228	3213	0.058	ng	# 53
84) Bis(2-ethylhexyl)phthalate	13.72	149	3873	0.104	ng	# 85

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115314.D
Acq On : 29 Jun 2019 11:19
Operator : HP/JU
Sample : K3555-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

Quant Time: Jun 30 02:05:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

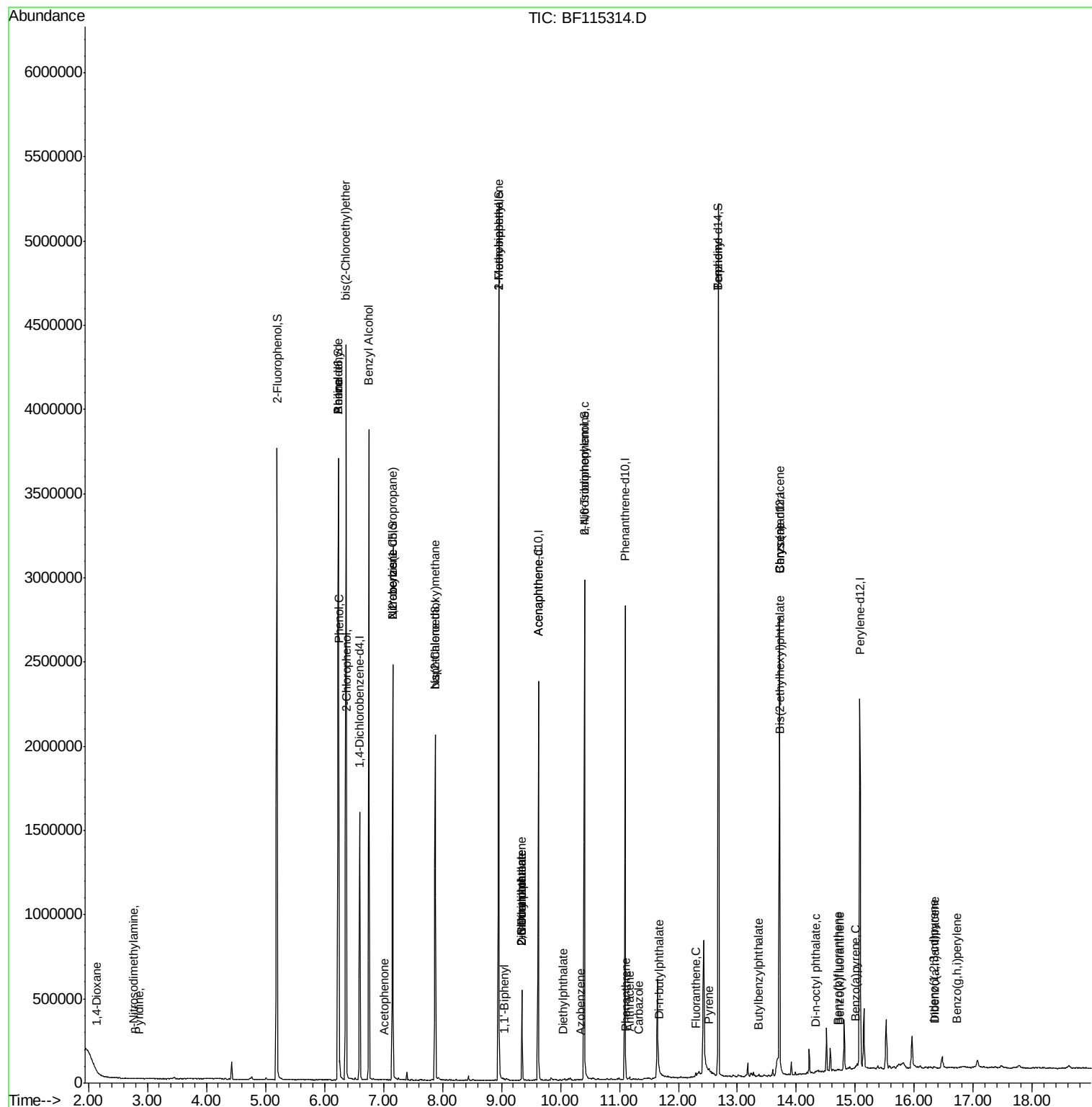
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	14.32	149	653	0.010	ng	# 79
86) Indeno(1,2,3-cd)pyrene	16.33	276	627	0.010	ng	# 66
88) Benzo(b)fluoranthene	14.70	252	1128	0.019	ng	# 55
89) Benzo(k)fluoranthene	14.73	252	699	0.013	ng	# 24
90) Benzo(a)pyrene	15.01	252	595	0.011	ng	# 1
91) Dibenzo(a,h)anthracene	16.35	278	573	0.012	ng	# 1
92) Benzo(g,h,i)perylene	16.72	276	713	0.014	ng	# 51

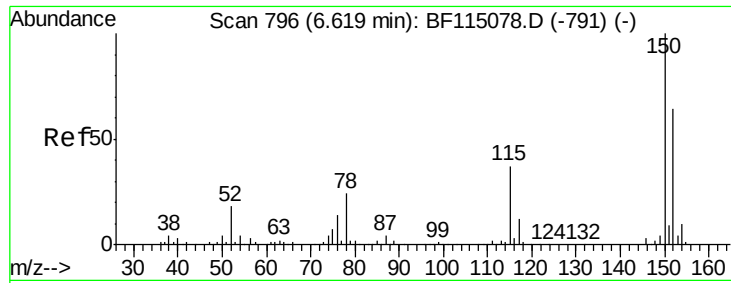
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115314.D
Acq On : 29 Jun 2019 11:19
Operator : HP/JU
Sample : K3555-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

Quant Time: Jun 30 02:05:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration



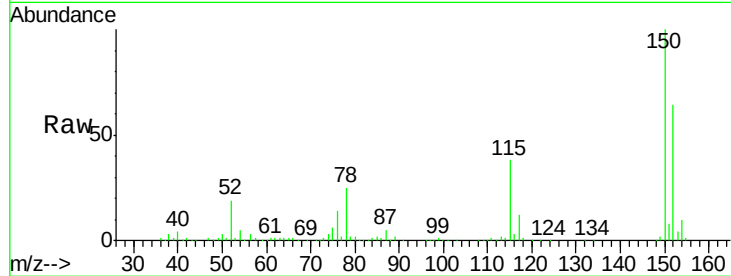


#1

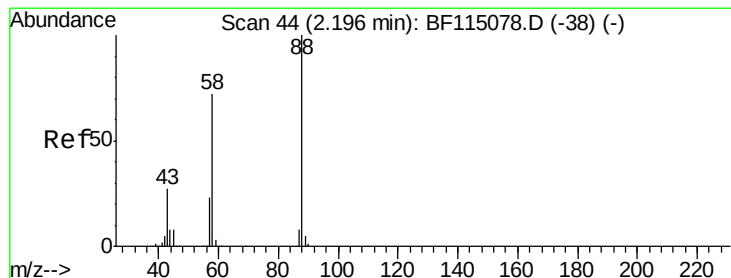
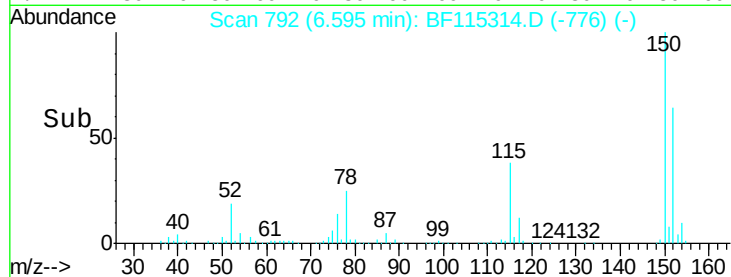
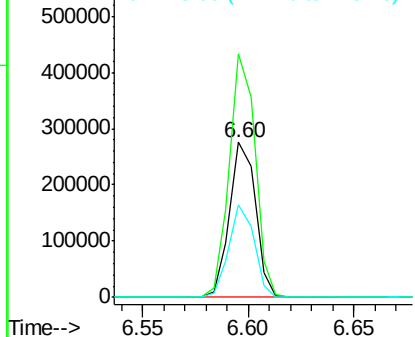
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	59.9	46.1	69.1



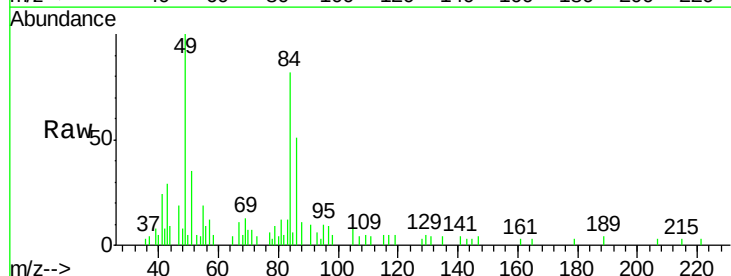
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



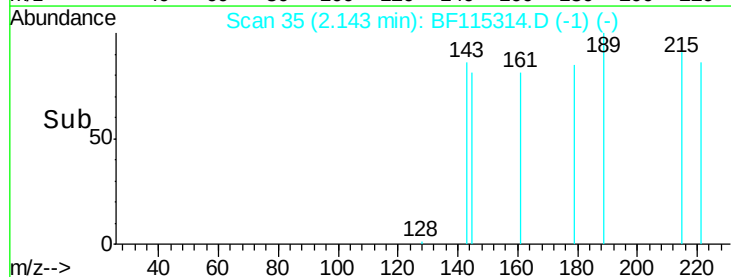
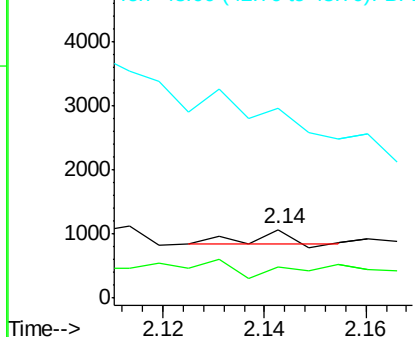
#2

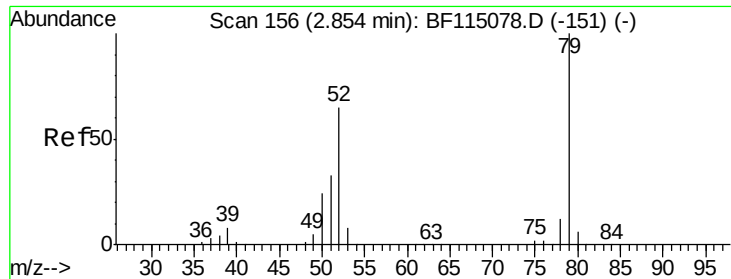
1,4-Dioxane
Concen: 0.015 ng
RT: 2.14 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

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

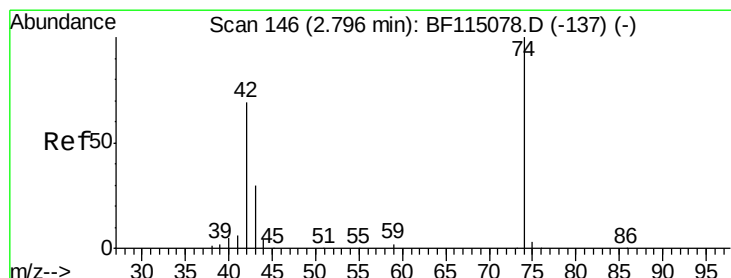
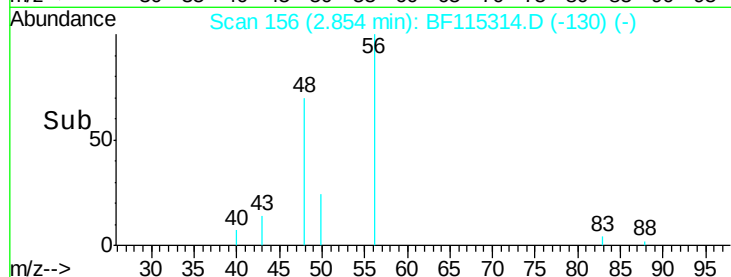
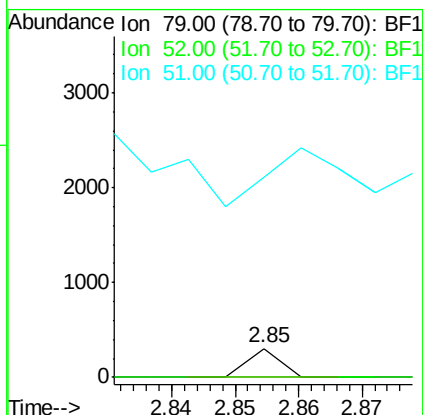
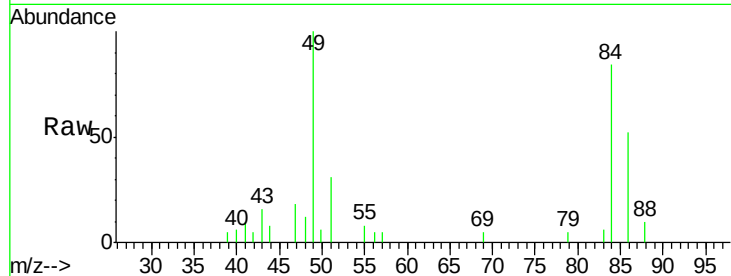




#3
Pyridine
Concen: 0.005 ng
RT: 2.85 min Scan# 156
Delta R.T. 0.05 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

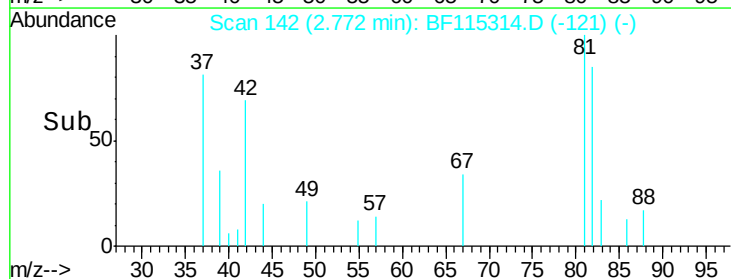
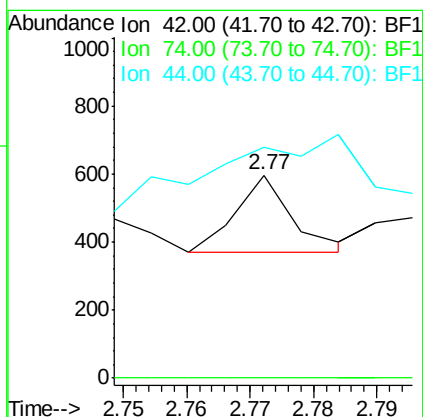
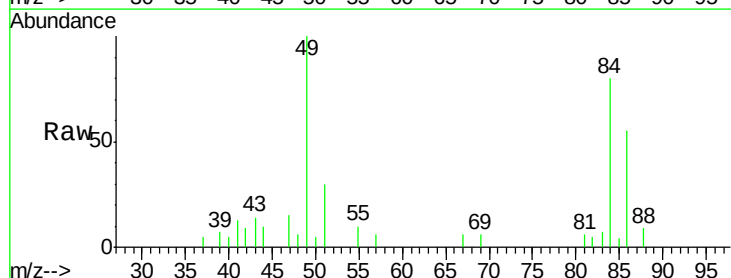
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

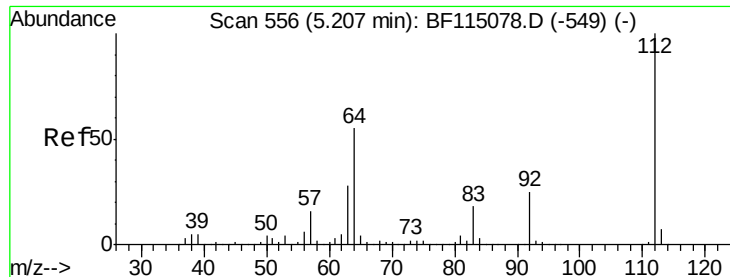
Tgt Ion: 79 Resp: 107
Ion Ratio Lower Upper
79 100
52 0.0 52.3 78.5#
51 696.7 26.1 39.1#



#4
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 2.77 min Scan# 142
Delta R.T. 0.02 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion: 42 Resp: 138
Ion Ratio Lower Upper
42 100
74 0.0 116.6 175.0#
44 113.6 5.3 7.9#





#5

2-Fluorophenol

Concen: 76.727 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

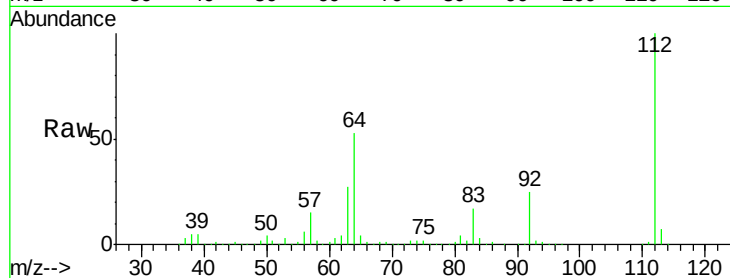
Tgt Ion: 112 Resp: 1159635

Ion Ratio Lower Upper

112 100

64 52.9 43.8 65.6

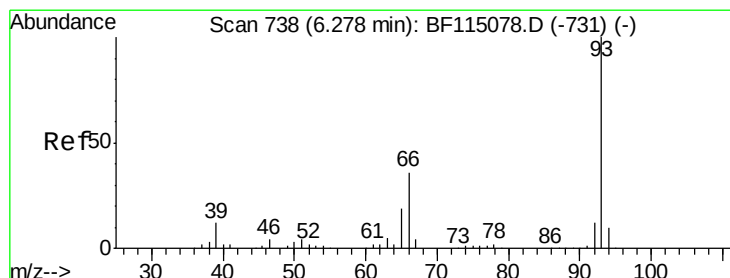
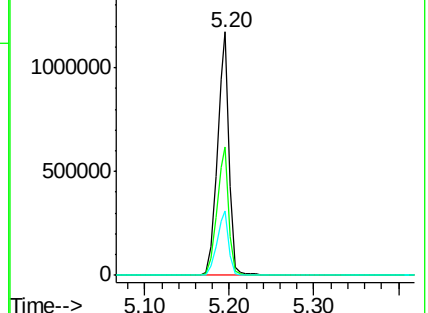
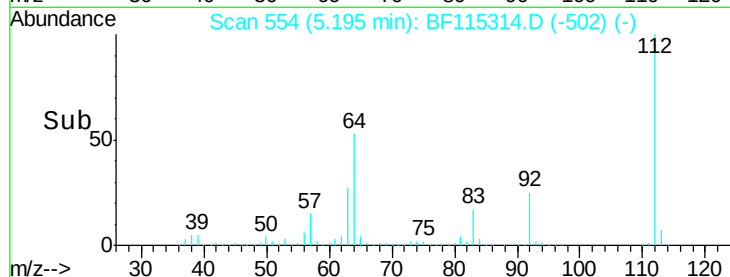
63 26.7 22.2 33.4



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: 0.018 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

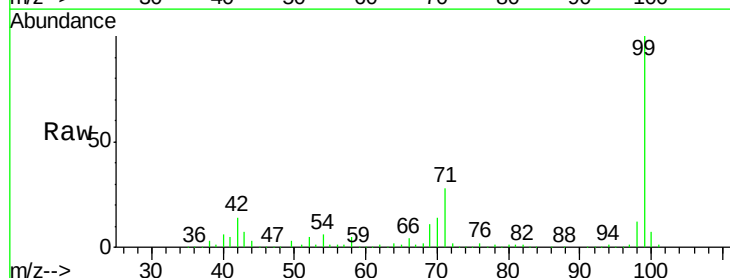
Tgt Ion: 93 Resp: 445

Ion Ratio Lower Upper

93 100

66 7773.5 30.0 45.0#

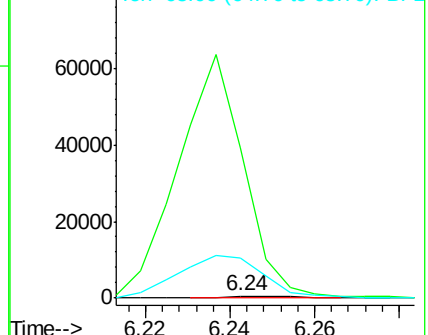
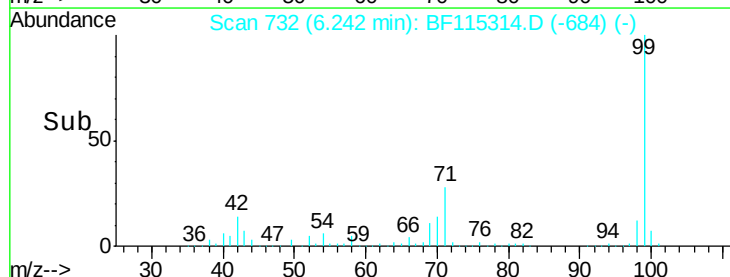
65 2094.9 15.6 23.4#

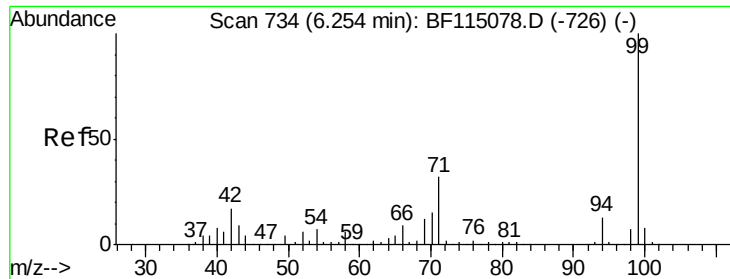


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.447 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

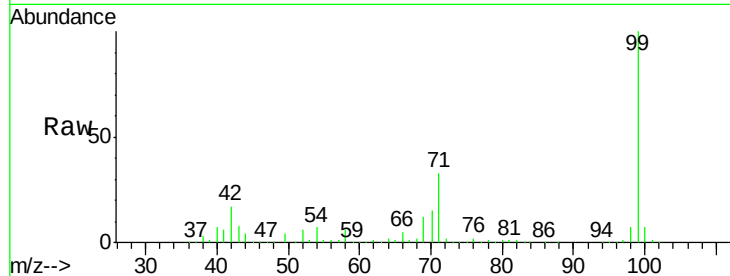
Tgt Ion: 99 Resp: 1475758

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

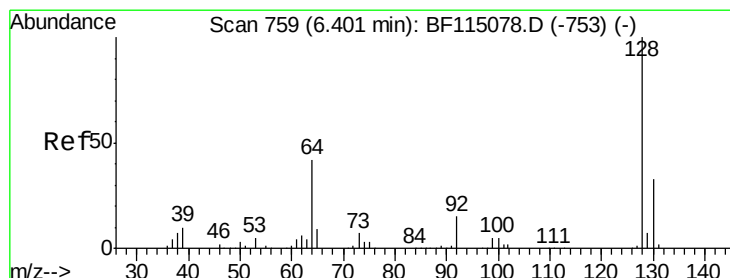
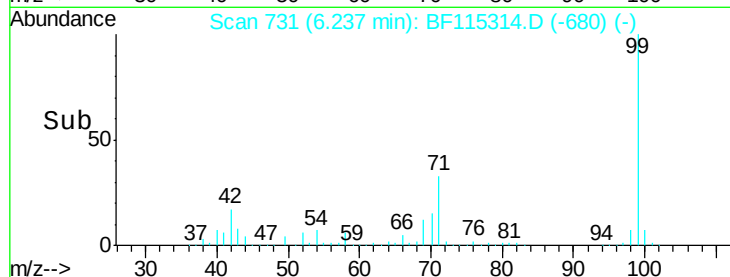
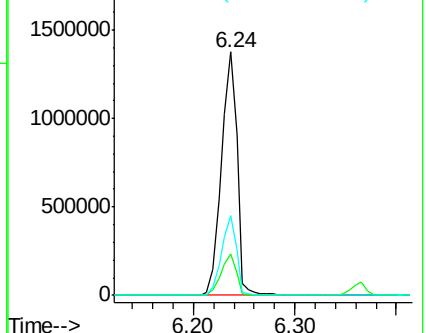
71 32.6 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.022 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

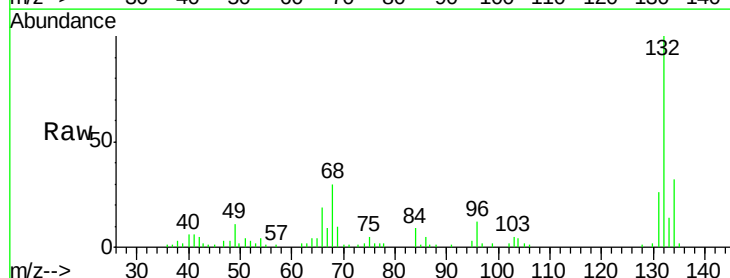
Tgt Ion: 128 Resp: 378

Ion Ratio Lower Upper

128 100

130 147.2 12.9 52.9#

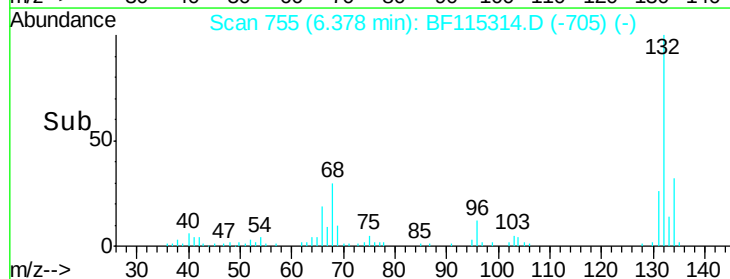
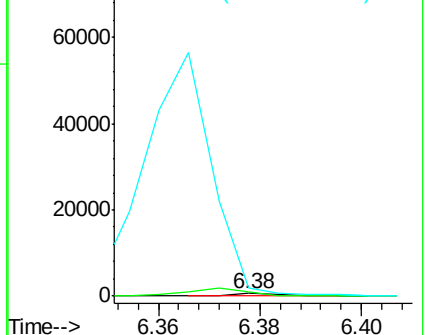
64 351.4 22.9 62.9#

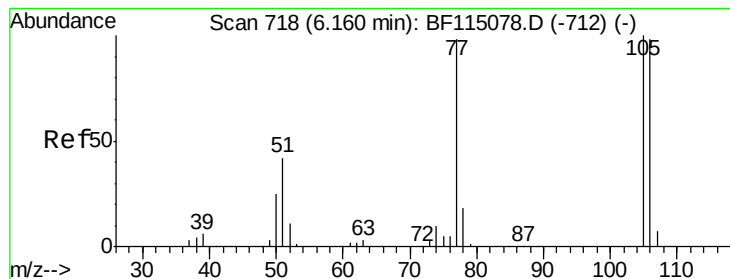


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.176 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.09 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

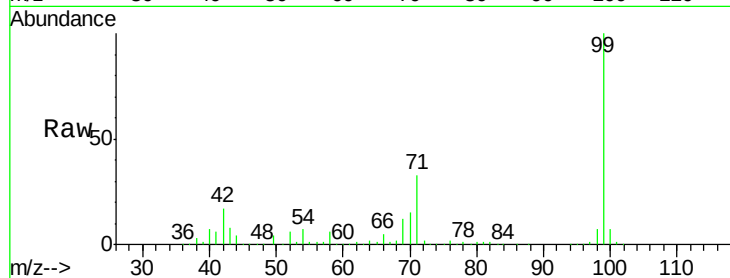
Tgt Ion: 77 Resp: 2111

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

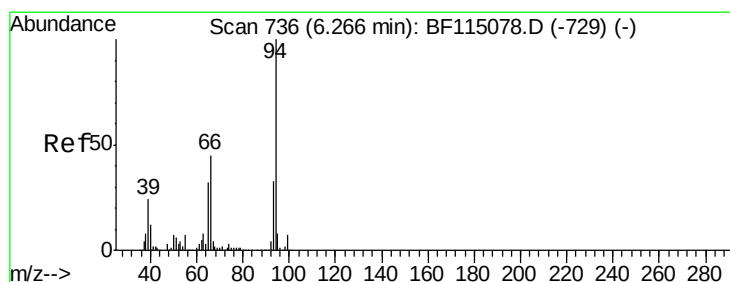
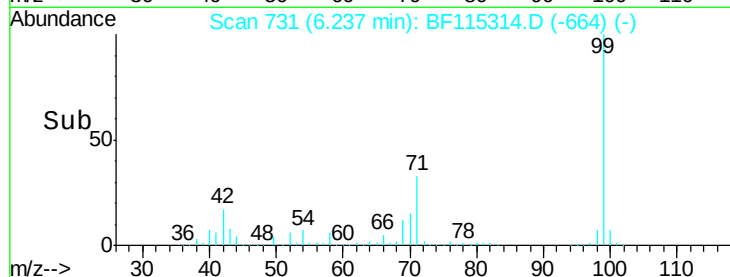
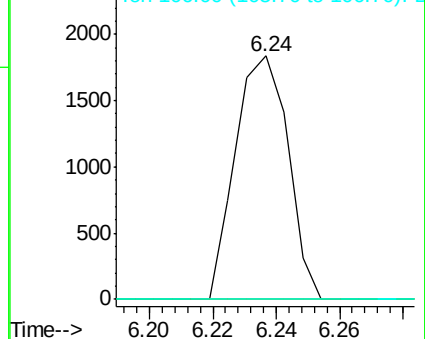
106 0.0 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.686 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

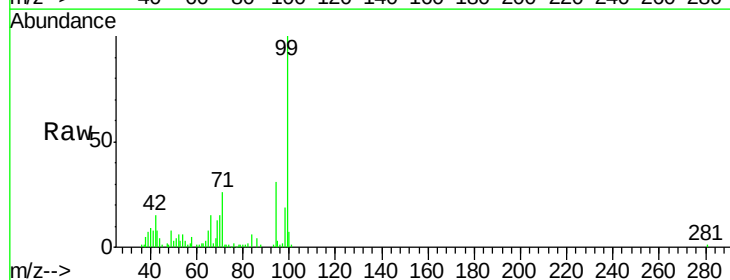
Tgt Ion: 94 Resp: 14737

Ion Ratio Lower Upper

94 100

65 26.7 11.9 51.9

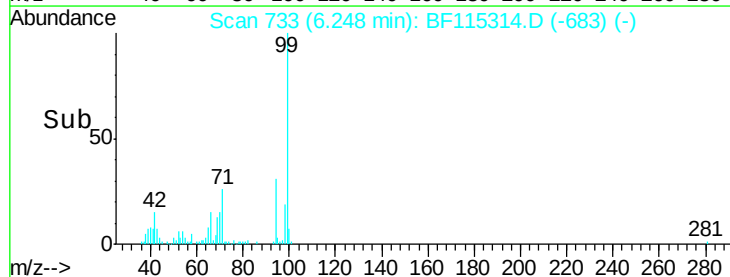
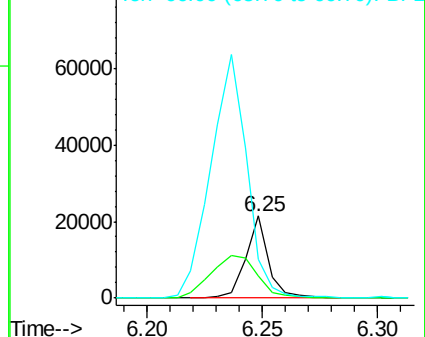
66 47.2 25.2 65.2

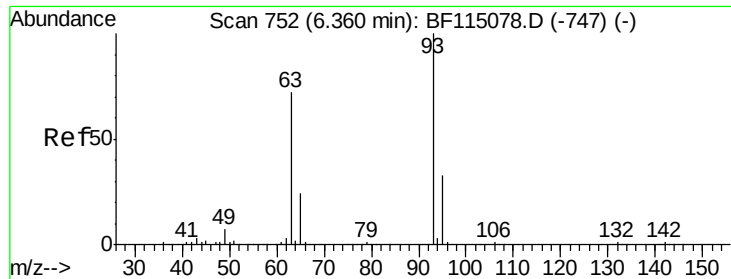


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

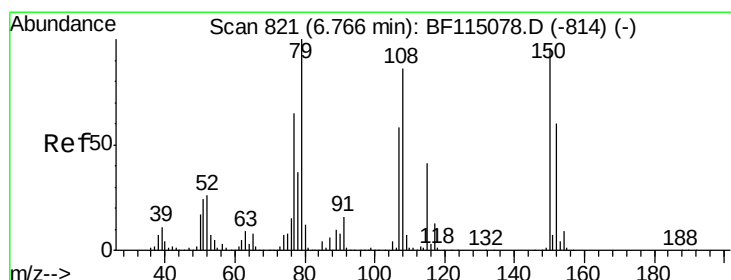
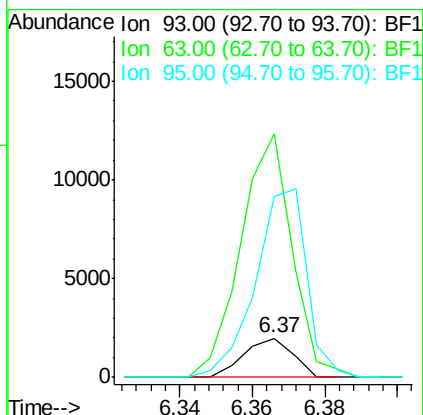
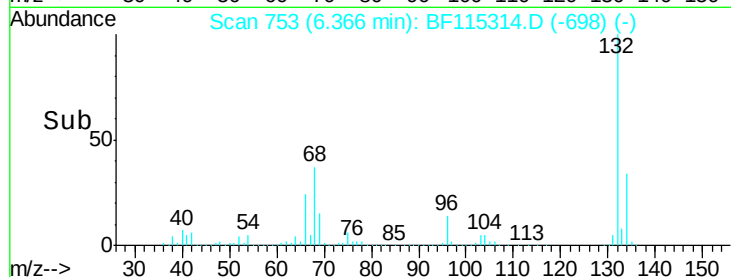
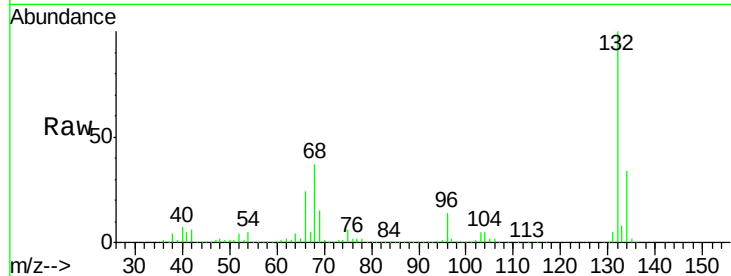




#11
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

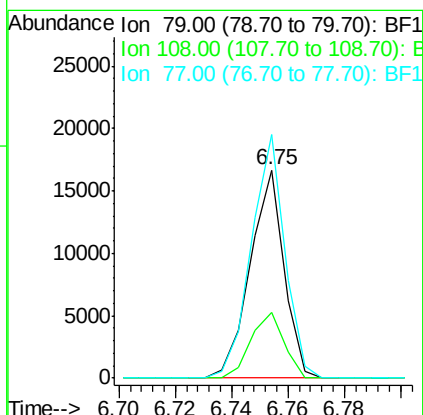
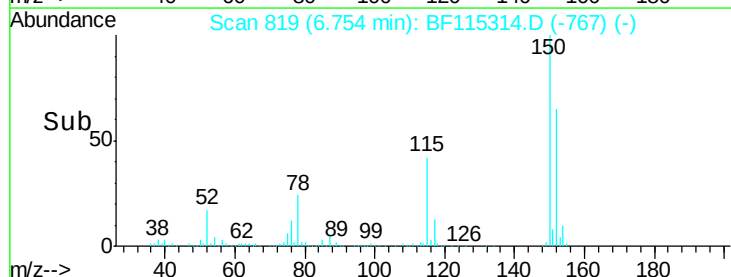
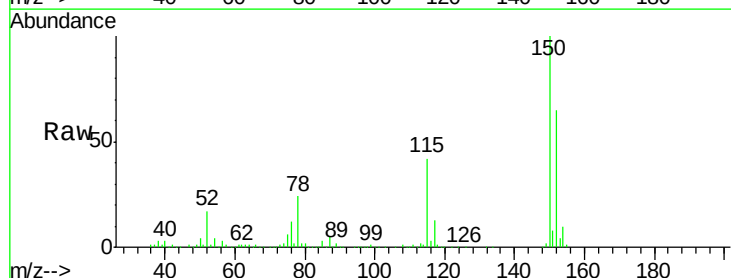
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

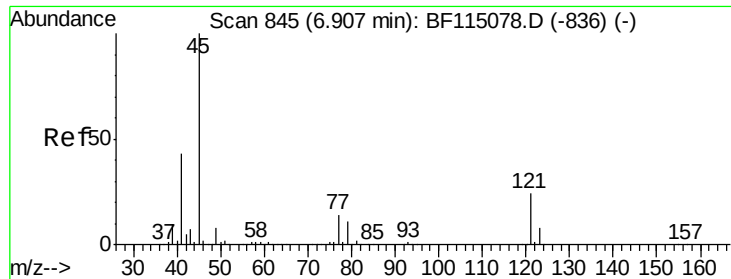
Tgt Ion: 93 Resp: 1839
Ion Ratio Lower Upper
93 100
63 624.1 51.5 91.5#
95 464.8 13.4 53.4#



#15
Benzyl Alcohol
Concen: 1.040 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion: 79 Resp: 13894
Ion Ratio Lower Upper
79 100
108 31.8 68.7 103.1#
77 116.8 51.7 77.5#

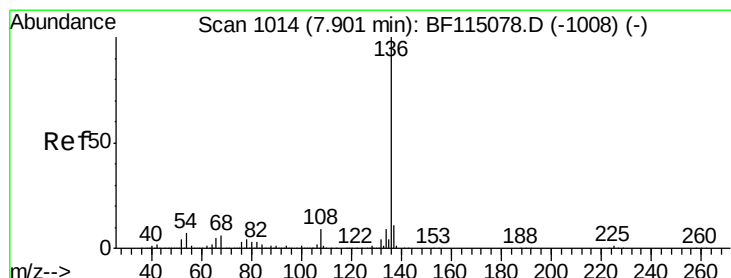
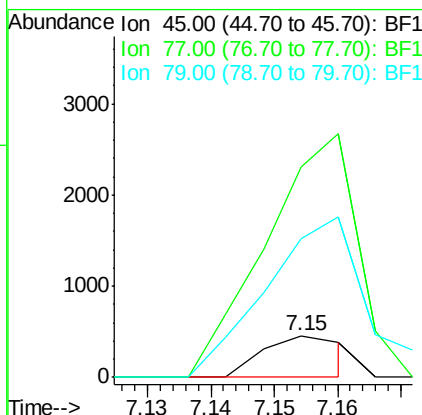
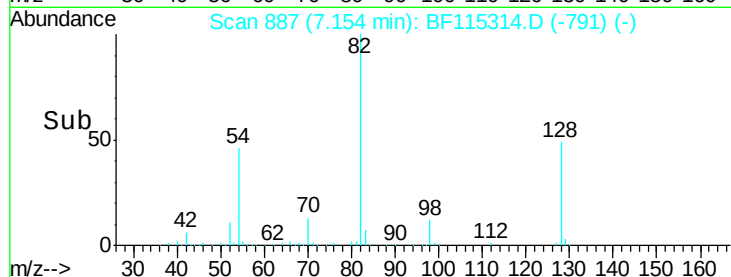
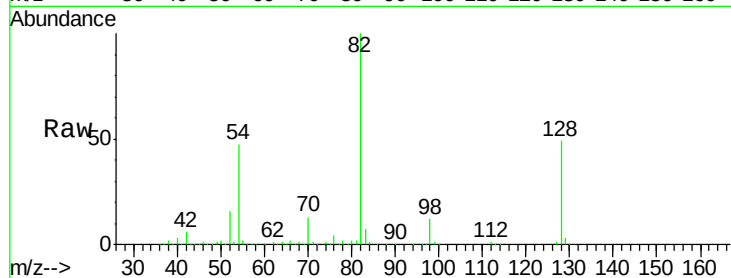




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.018 ng
 RT: 7.15 min Scan# 887
 Delta R.T. 0.26 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

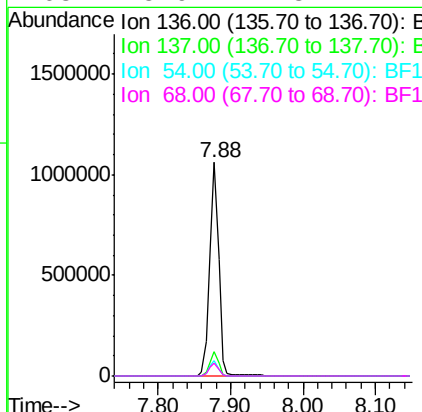
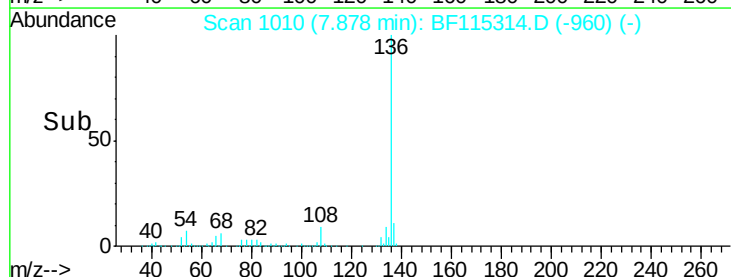
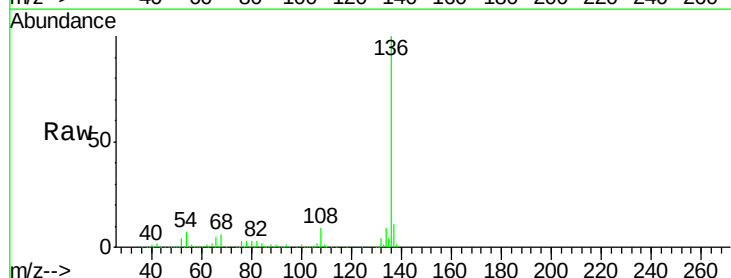
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

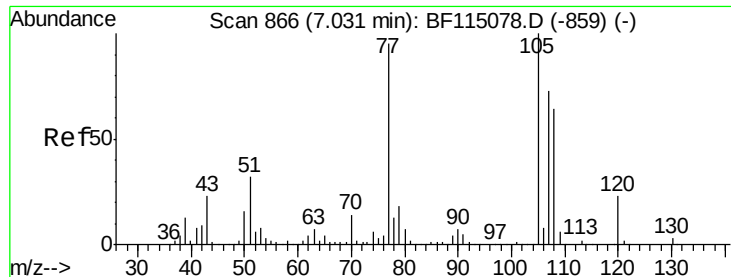
Tgt Ion: 45 Resp: 407
 Ion Ratio Lower Upper
 45 100
 77 502.6 0.0 34.6#
 79 330.7 0.0 31.2#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.88 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion: 136 Resp: 927120
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.9 13.3
 54 7.0 5.6 8.4
 68 5.9 4.8 7.2

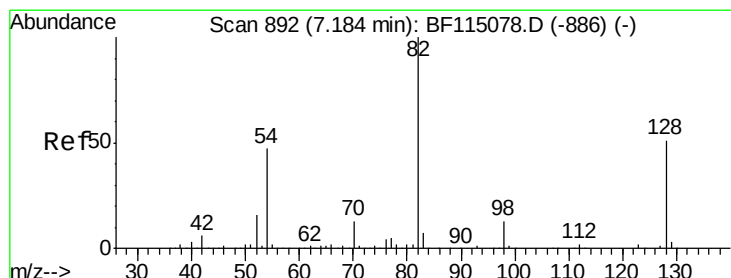
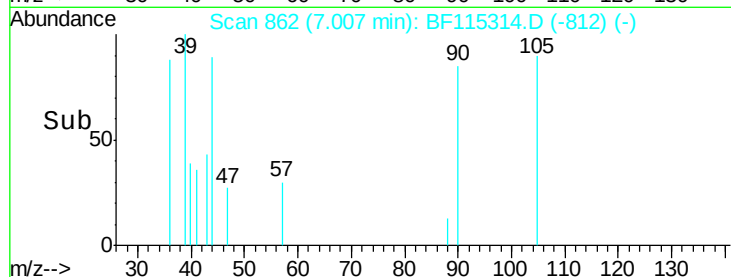
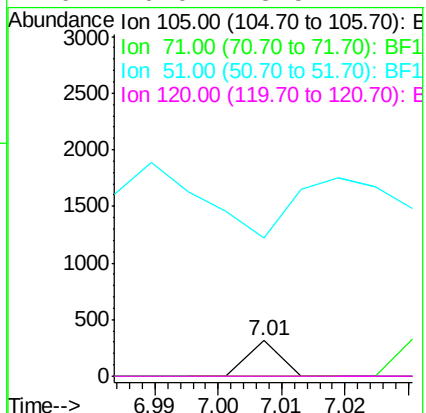
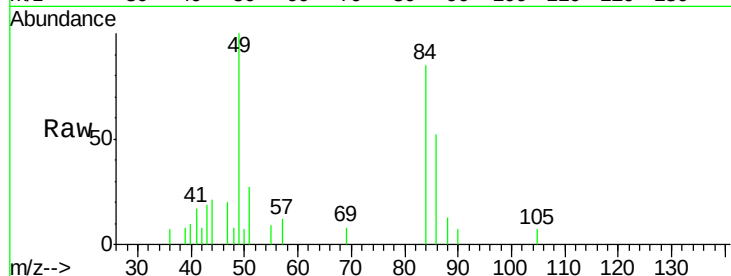




#22
Acetophenone
Concen: 0.005 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

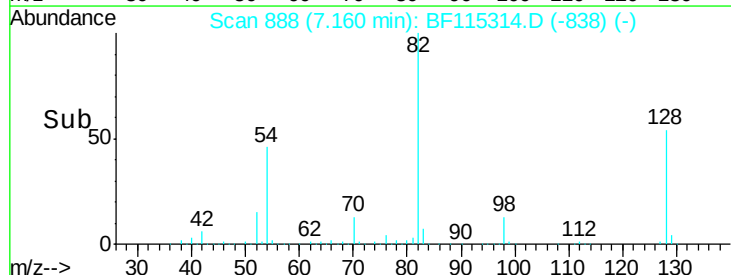
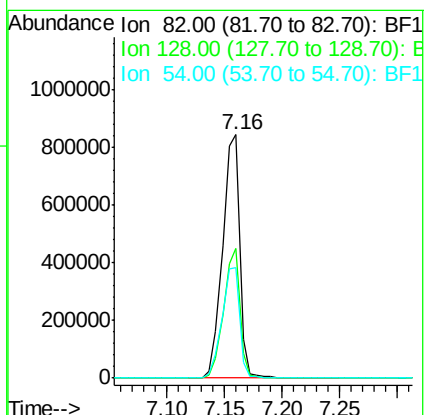
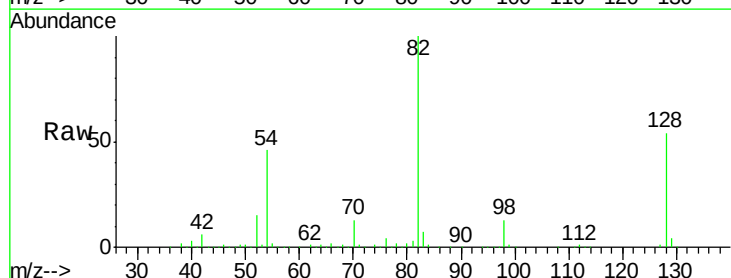
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

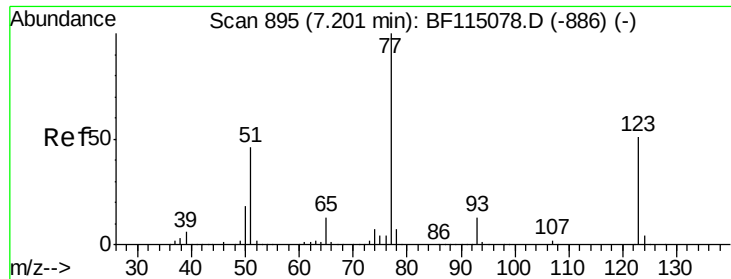
Tgt Ion: 105 Resp: 112
Ion Ratio Lower Upper
105 100
71 0.0 1.9 2.9#
51 387.7 25.8 38.8#
120 0.0 18.5 27.7#



#23
Nitrobenzene-d5
Concen: 58.284 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion: 82 Resp: 878420
Ion Ratio Lower Upper
82 100
128 53.5 40.4 60.6
54 45.6 37.5 56.3





#24

Nitrobenzene

Concen: 0.161 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

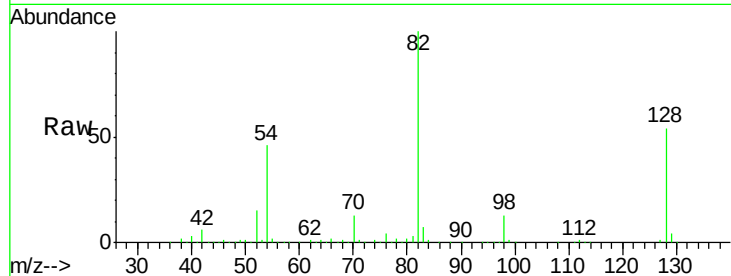
Tgt Ion: 77 Resp: 2679

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

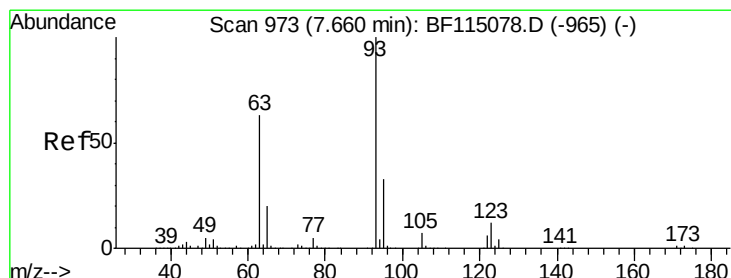
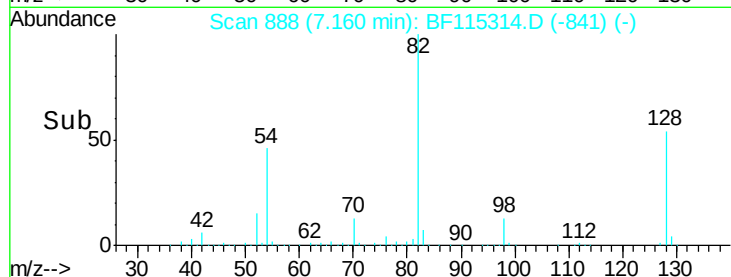
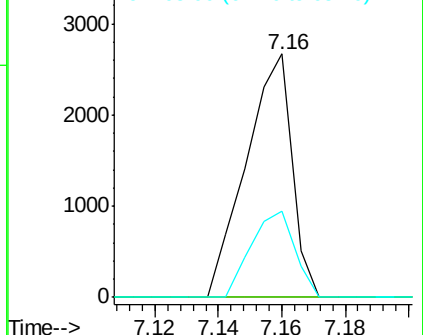
65 35.5 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#28

bis(2-Chloroethoxy)methane

Concen: 0.014 ng

RT: 7.88 min Scan# 1010

Delta R.T. 0.24 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

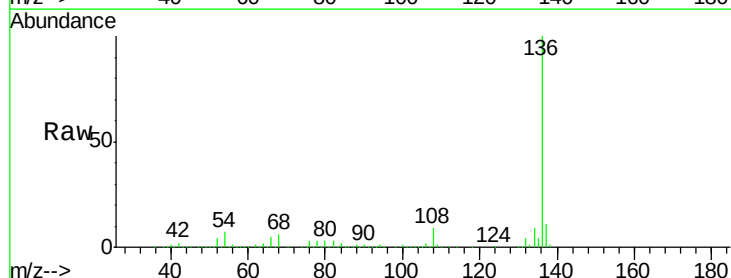
Tgt Ion: 93 Resp: 278

Ion Ratio Lower Upper

93 100

95 174.5 26.2 39.4#

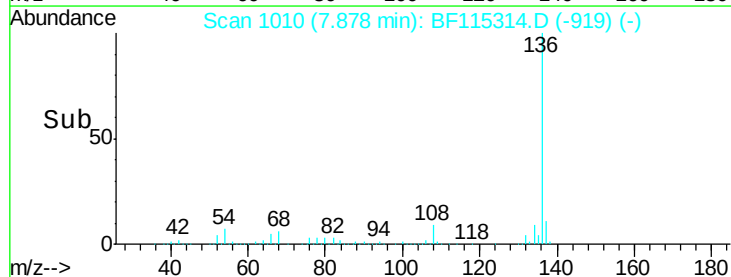
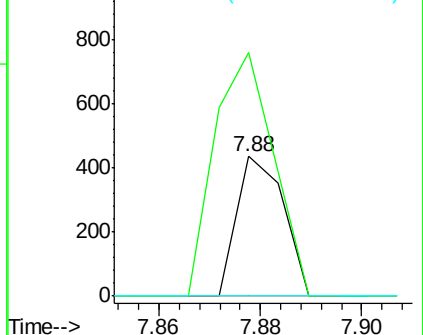
123 0.0 9.7 14.5#

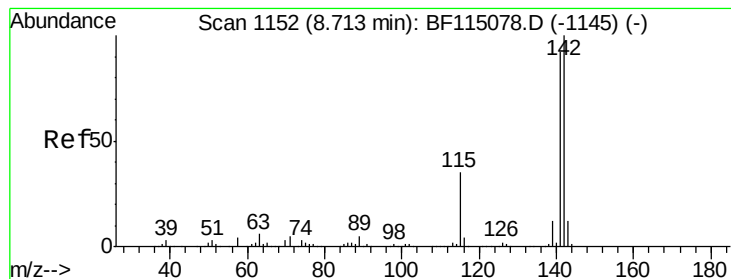


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#38

1-Methylnaphthalene

Concen: 0.030 ng

RT: 8.95 min Scan# 1193

Delta R.T. 0.26 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

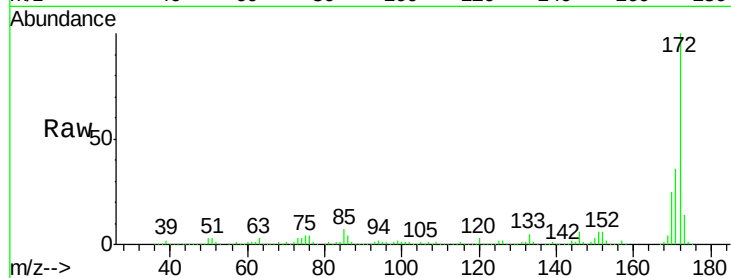
Tgt Ion:142 Resp: 877

Ion Ratio Lower Upper

142 100

141 56.8 73.8 110.8#

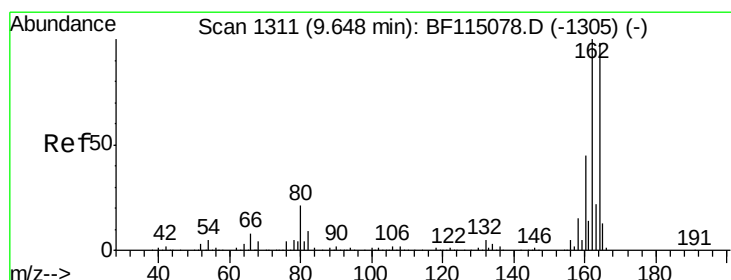
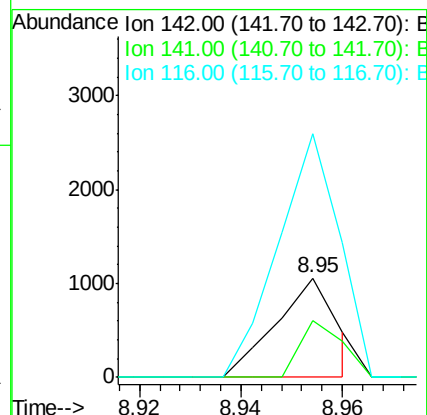
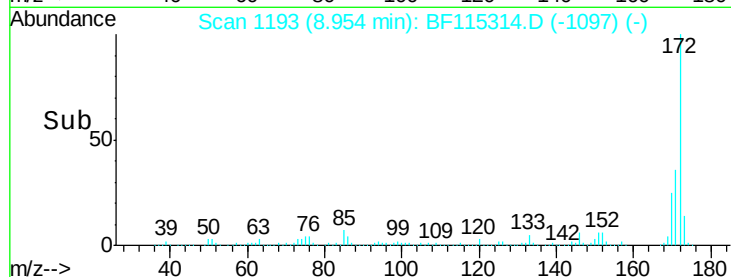
116 244.5 2.8 4.2#



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. 0.00 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

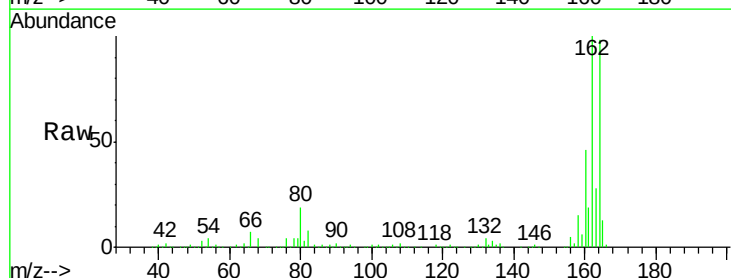
Tgt Ion:164 Resp: 470299

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

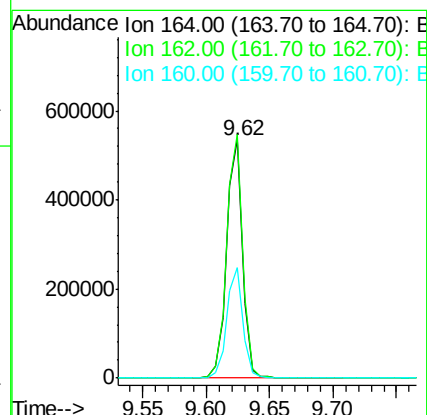
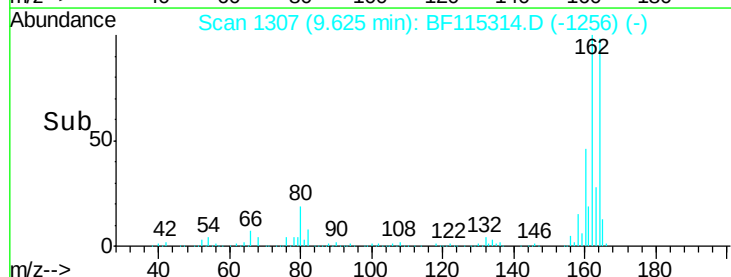
160 46.6 37.0 55.4

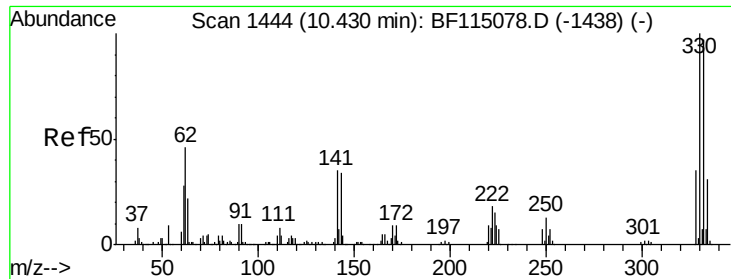


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

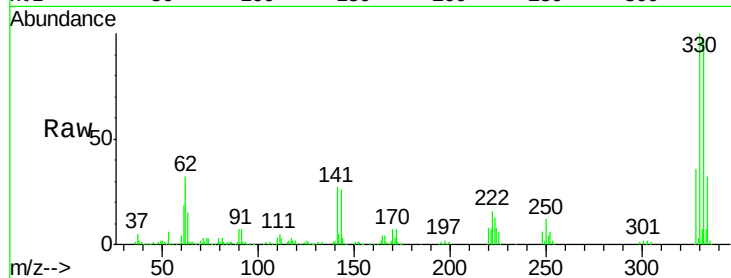




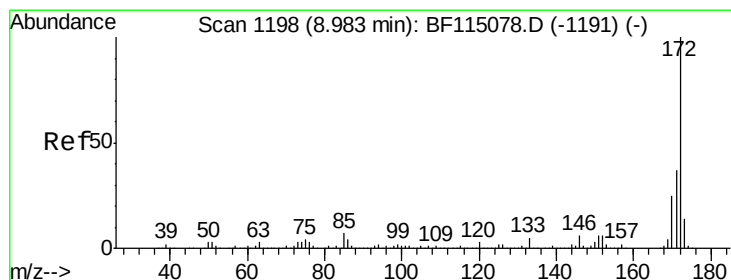
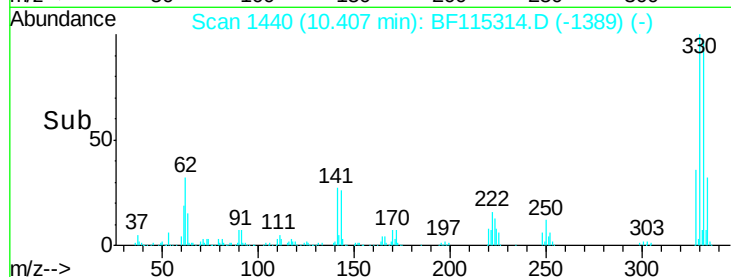
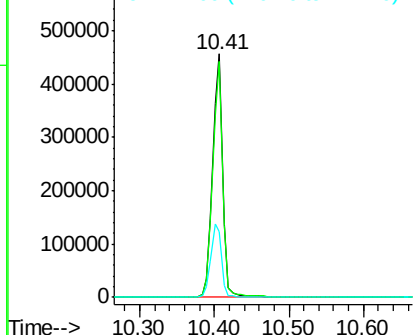
#42
 2,4,6-Tribromophenol
 Concen: 86.062 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Tgt Ion:330 Resp: 426823
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 32.2 28.2 42.2

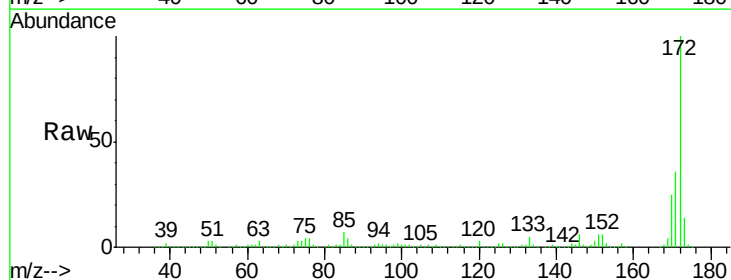


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

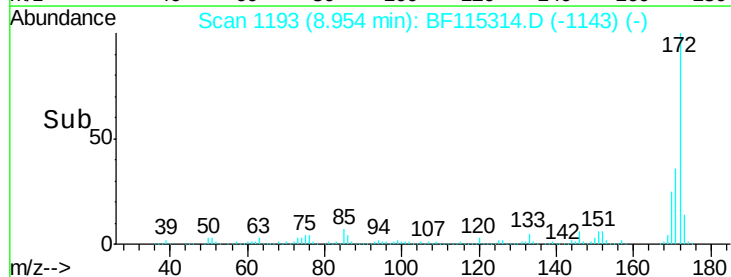
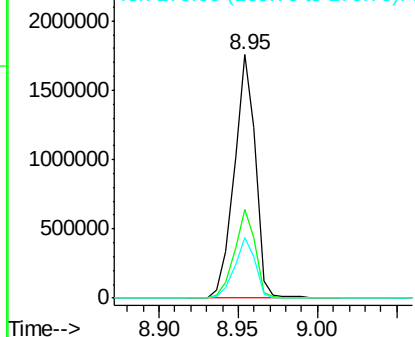


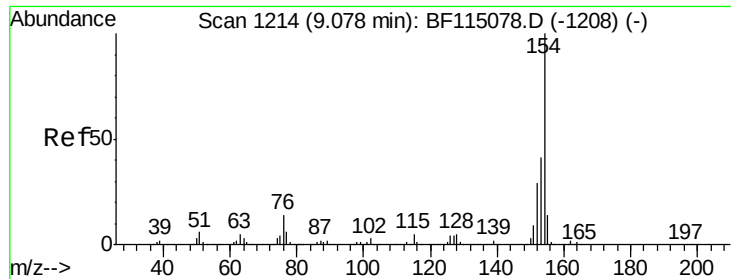
#45
 2-Fluorobiphenyl
 Concen: 58.737 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion:172 Resp: 1626262
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.9 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

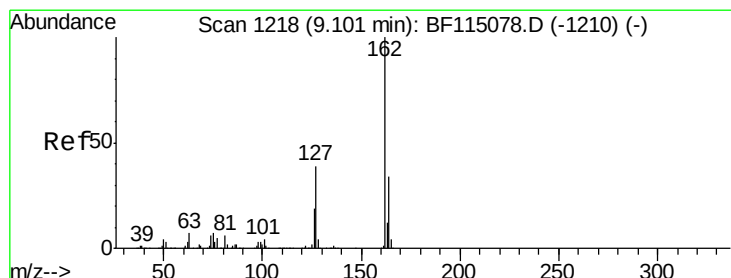
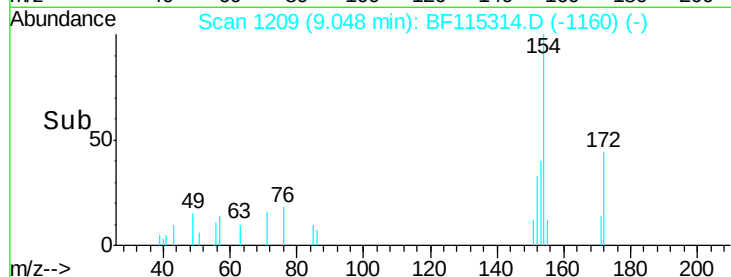
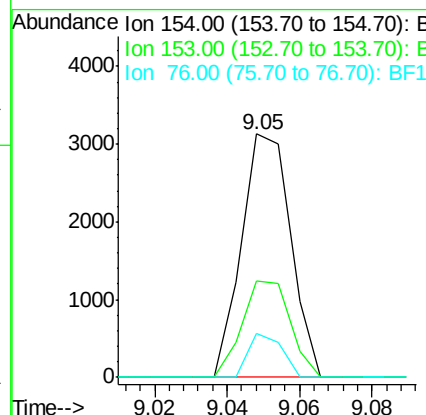
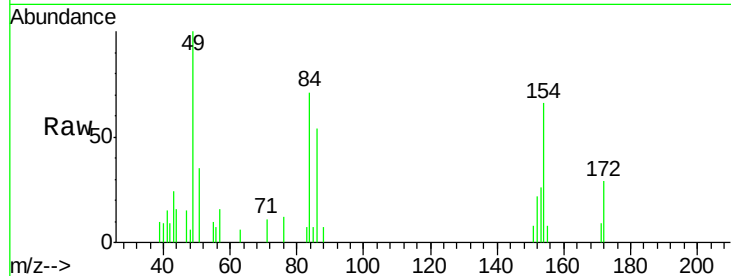




#46
 1,1'-Biphenyl
 Concen: 0.078 ng
 RT: 9.05 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

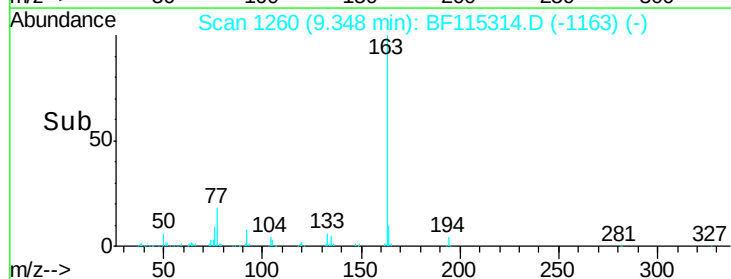
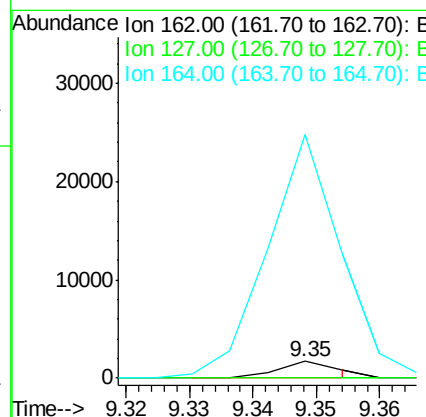
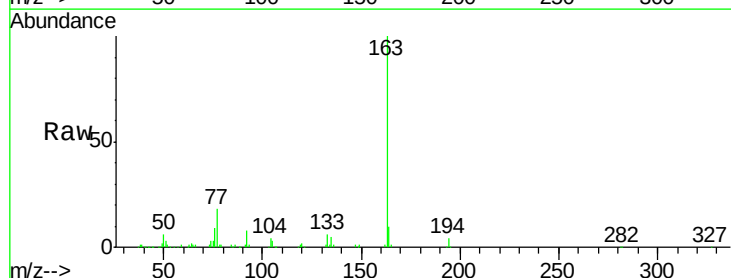
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

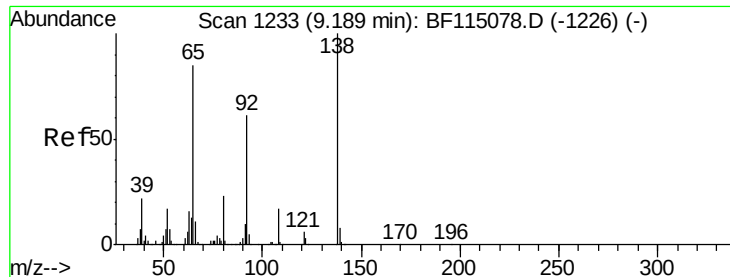
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.9	60.9
76	18.3	0.0	34.1



#47
 2-Chloronaphthalene
 Concen: 0.036 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.27 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.8	46.2#
164	1469.1	27.0	40.4#

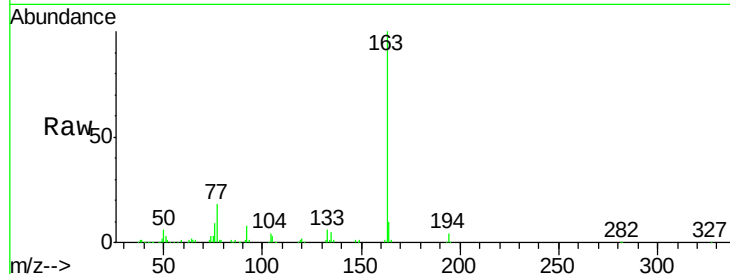




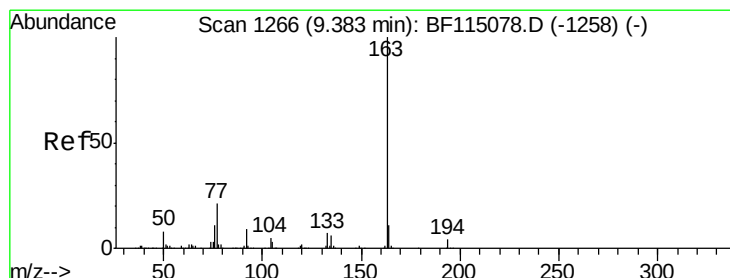
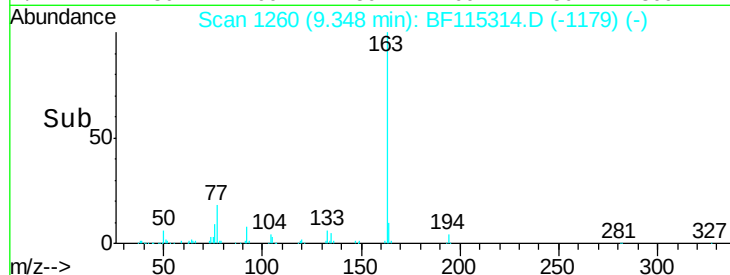
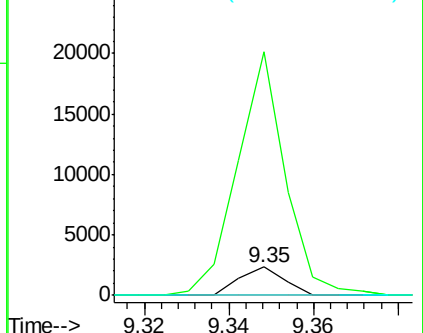
#48
 2-Nitroaniline
 Concen: 0.192 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.18 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Tgt Ion: 65 Resp: 1713
 Ion Ratio Lower Upper
 65 100
 92 855.0 57.4 86.2#
 138 0.0 94.1 141.1#

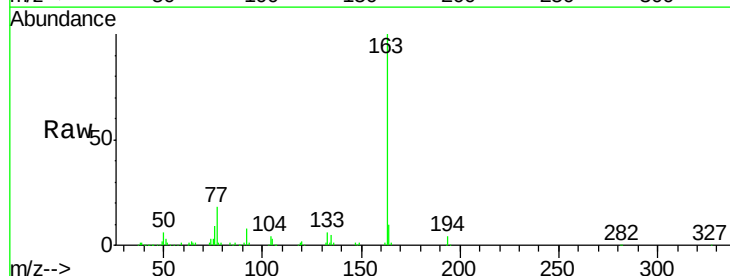


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

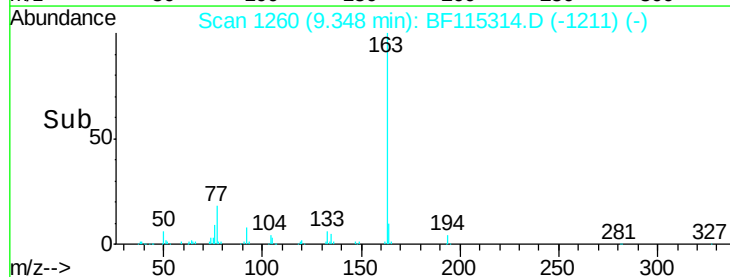
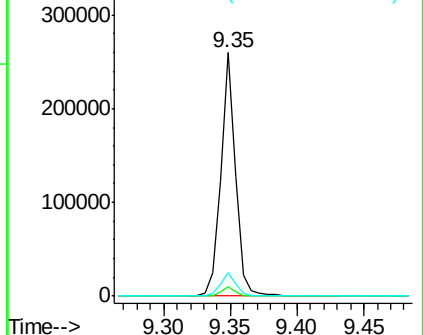


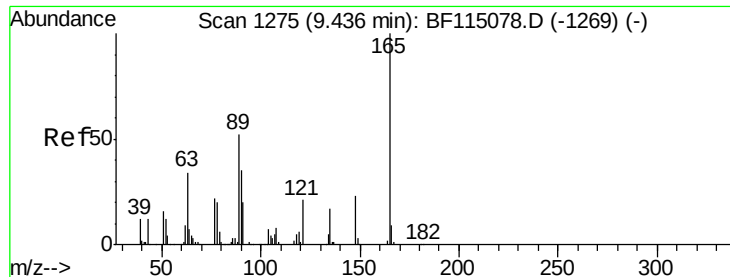
#50
 Dimethylphthalate
 Concen: 5.874 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion: 163 Resp: 203237
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 9.5 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: 0.288 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.06 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

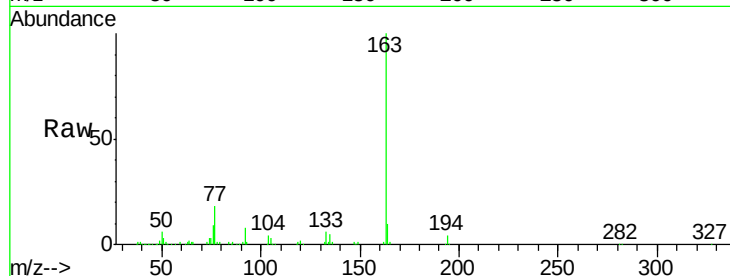
Tgt Ion:165 Resp: 2298

Ion Ratio Lower Upper

165 100

63 125.0 39.4 59.2#

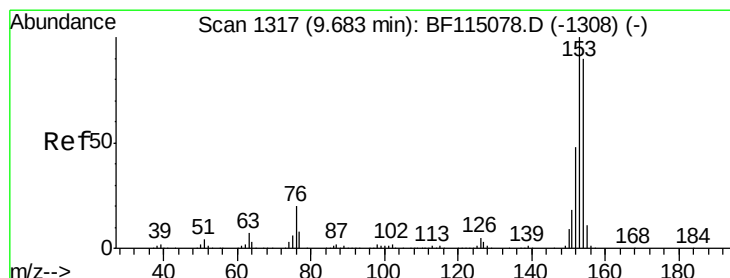
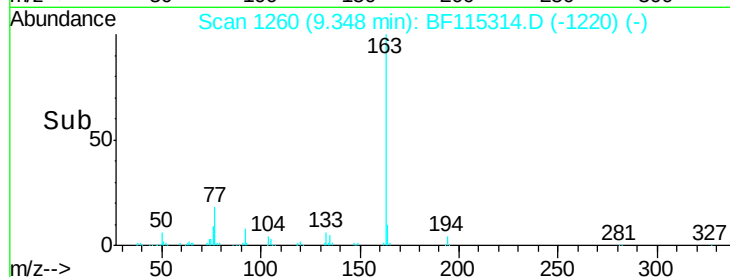
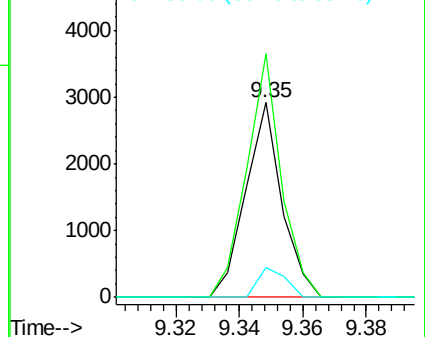
89 15.0 42.0 63.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.057 ng

RT: 9.62 min Scan# 1307

Delta R.T. -0.04 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

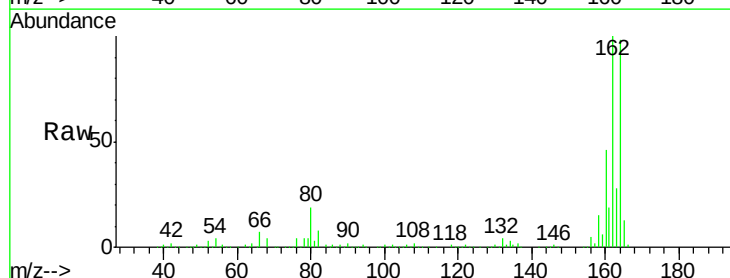
Tgt Ion:154 Resp: 1683

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

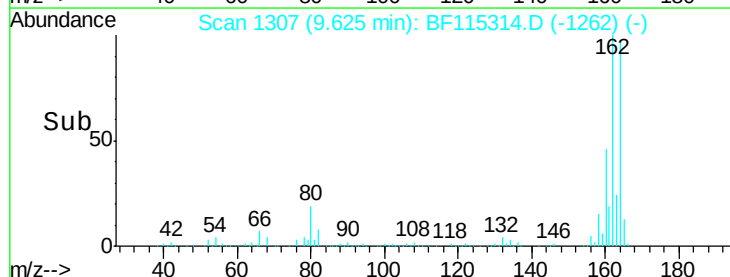
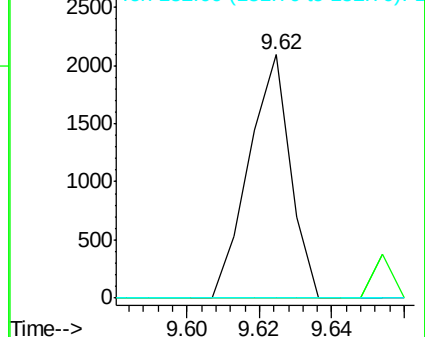
152 0.0 42.6 64.0#

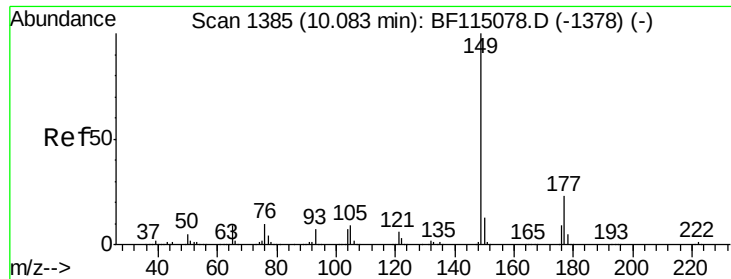


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

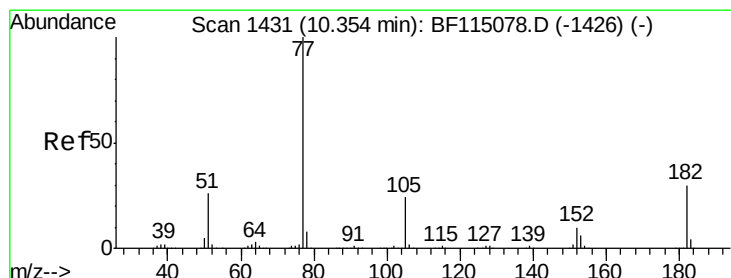
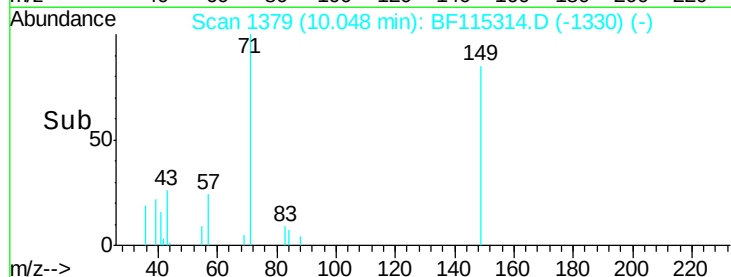
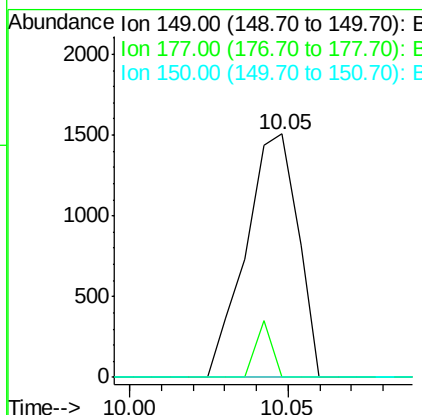
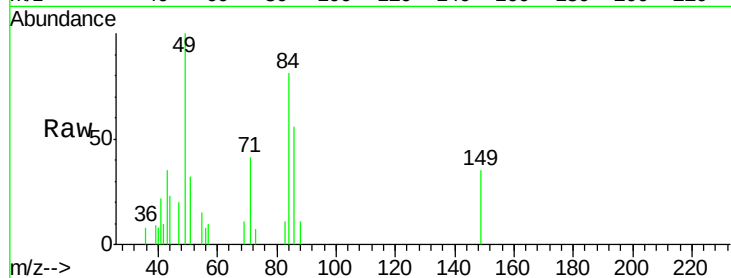




#60
Diethylphthalate
Concen: 0.049 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

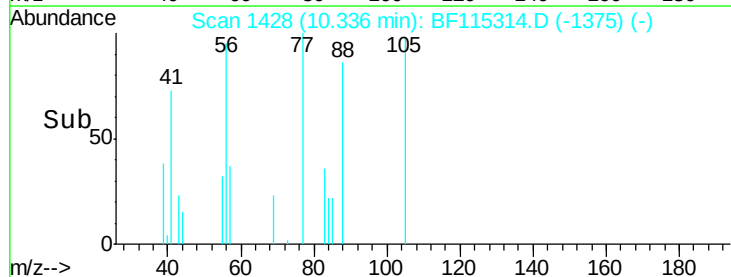
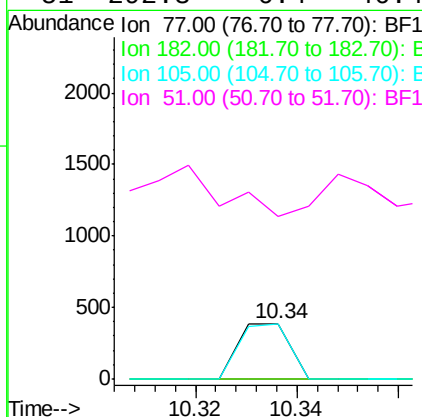
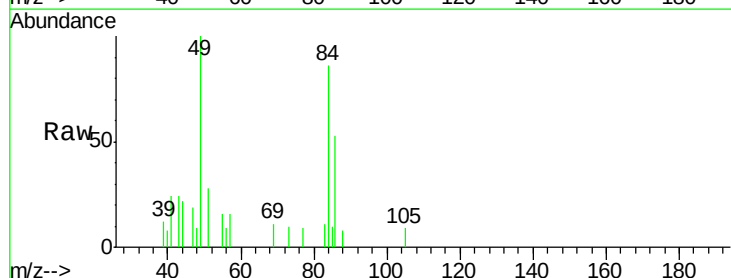
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

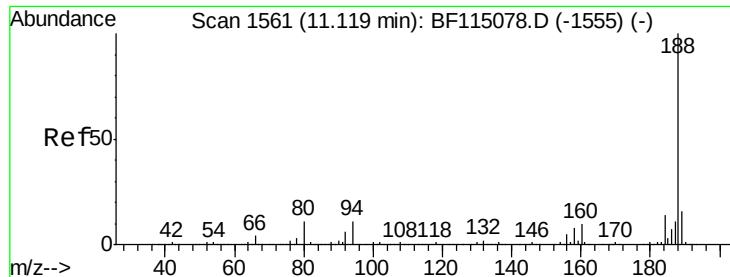
Tgt Ion: 149 Resp: 1717
Ion Ratio Lower Upper
149 100
177 0.0 18.7 28.1#
150 0.0 10.4 15.6#



#63
Azobenzene
Concen: 0.008 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion: 77 Resp: 272
Ion Ratio Lower Upper
77 100
182 0.0 10.1 50.1#
105 98.2 4.5 44.5#
51 292.3 6.4 46.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

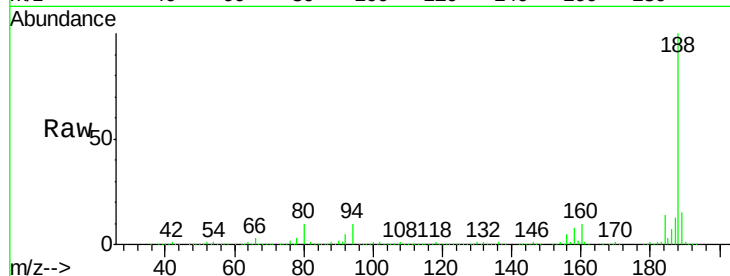
Tgt Ion:188 Resp: 946733

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

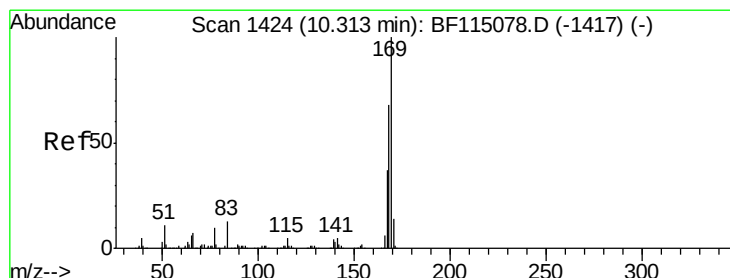
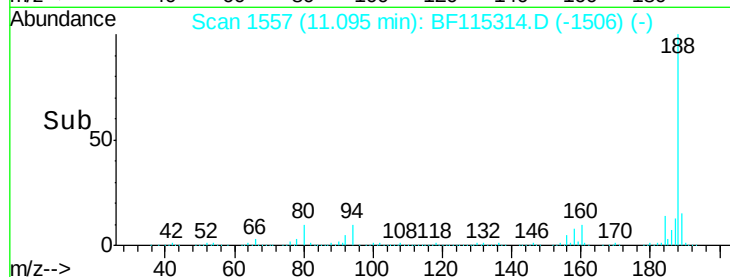
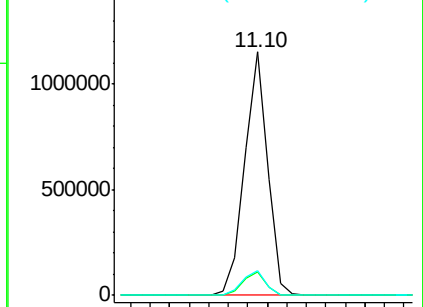
80 10.2 8.8 13.2



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



#66

n-Nitrosodiphenylamine

Concen: 0.395 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.12 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

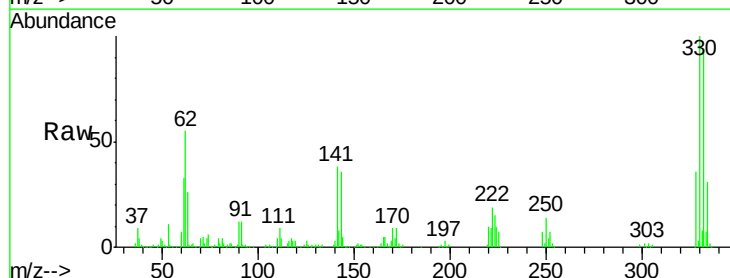
Tgt Ion:169 Resp: 11644

Ion Ratio Lower Upper

169 100

168 7.8 54.2 81.4#

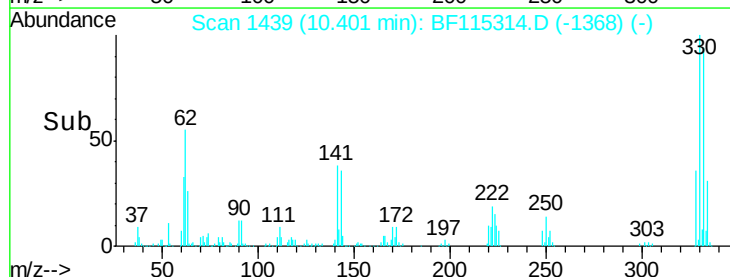
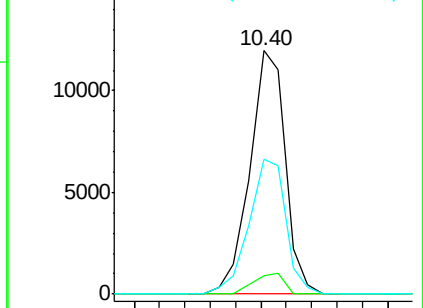
167 55.1 29.4 44.0#

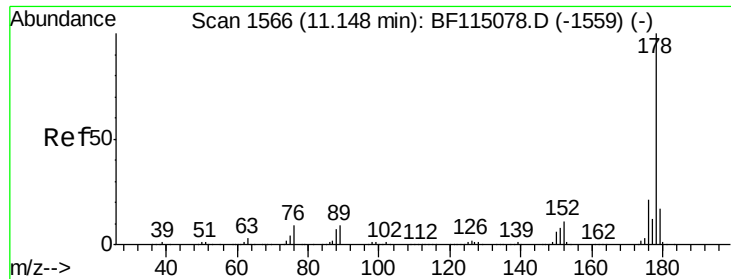


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

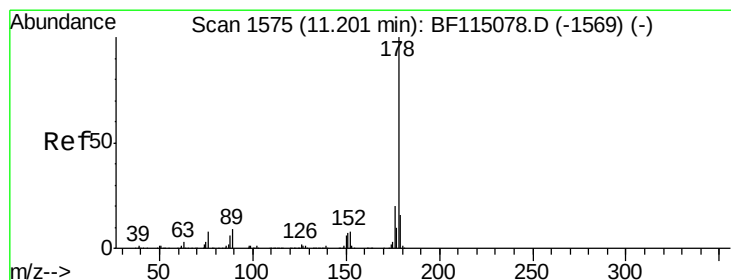
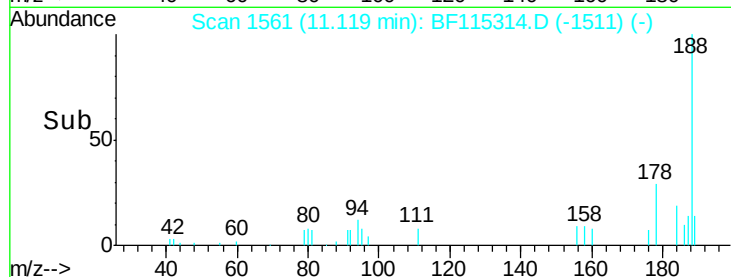
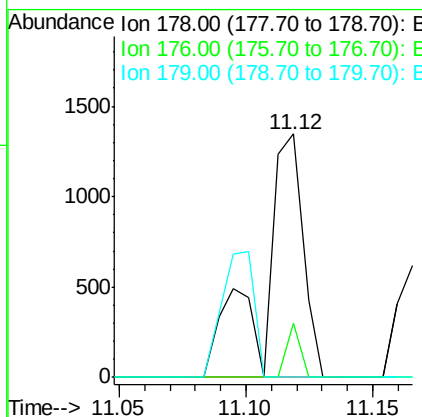
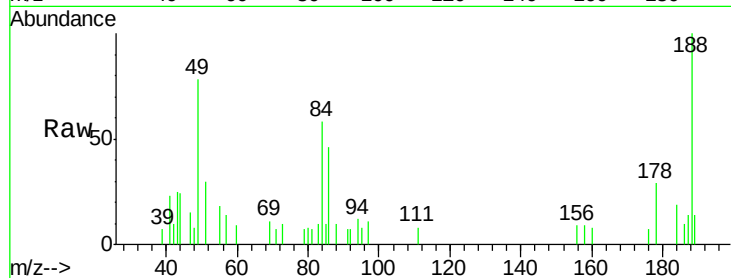




#71
Phenanthrene
Concen: 0.030 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

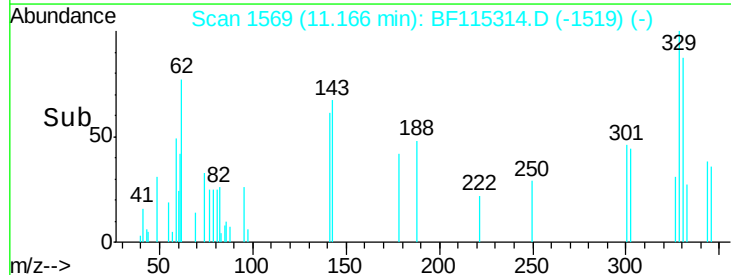
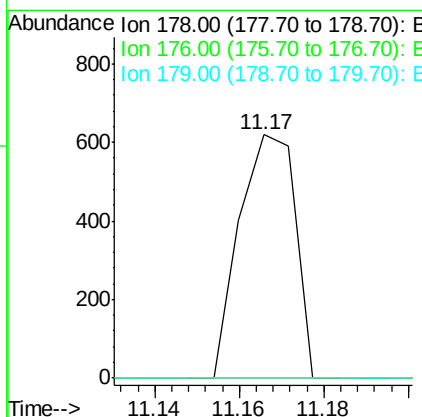
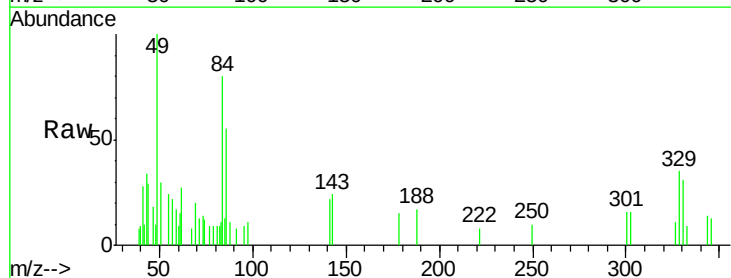
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

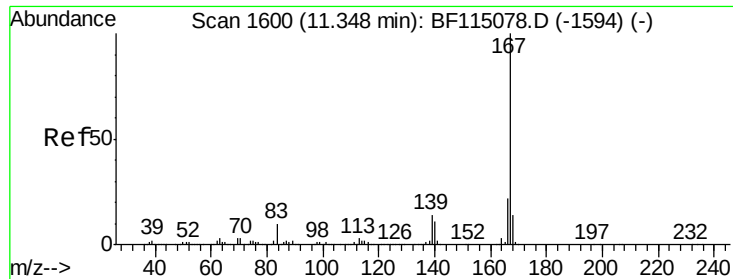
Tgt Ion:178 Resp: 1513
Ion Ratio Lower Upper
178 100
176 22.5 16.9 25.3
179 0.0 13.2 19.8#



#72
Anthracene
Concen: 0.011 ng
RT: 11.17 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion:178 Resp: 570
Ion Ratio Lower Upper
178 100
176 0.0 16.1 24.1#
179 0.0 12.9 19.3#





#73

Carbazole

Concen: 0.006 ng

RT: 11.32 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

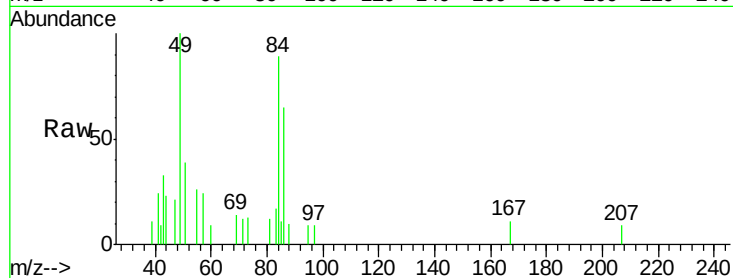
Tgt Ion:167 Resp: 275

Ion Ratio Lower Upper

167 100

166 0.0 18.0 27.0#

139 0.0 11.1 16.7#

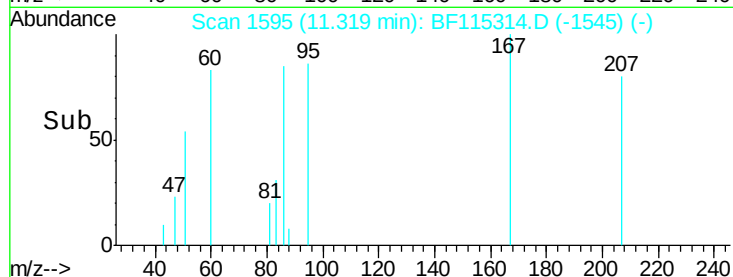


Abundance Ion 167.00 (166.70 to 167.70): E

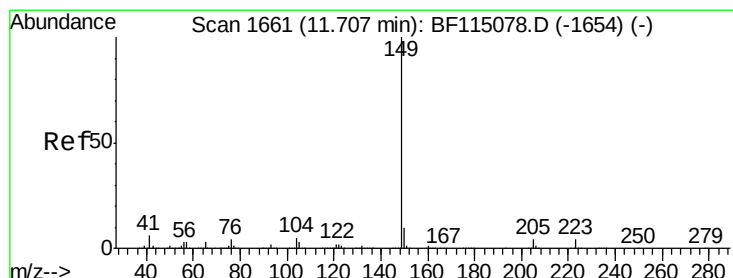
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.32



Time-->



#74

Di-n-butylphthalate

Concen: 0.084 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

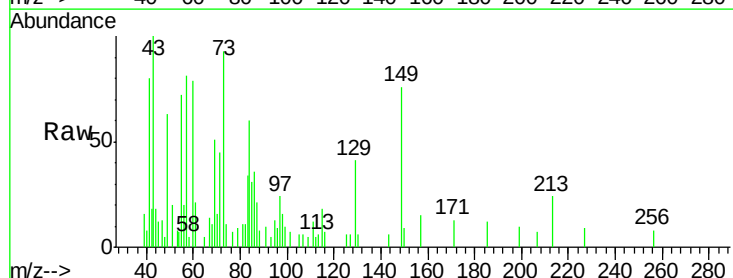
Tgt Ion:149 Resp: 4470

Ion Ratio Lower Upper

149 100

150 12.3 7.8 11.8#

104 0.0 3.7 5.5#

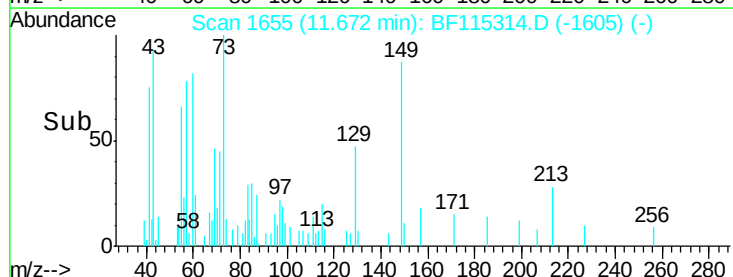


Abundance Ion 149.00 (148.70 to 149.70): E

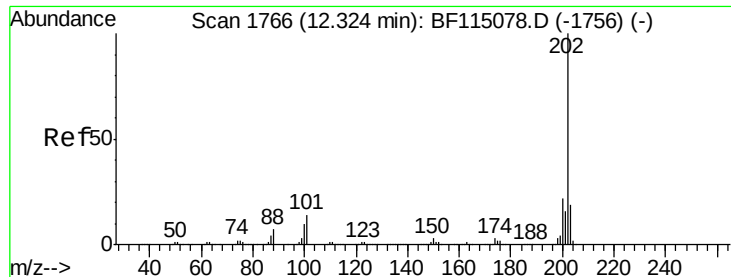
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.67



Time-->



#75

Fluoranthene

Concen: 0.024 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

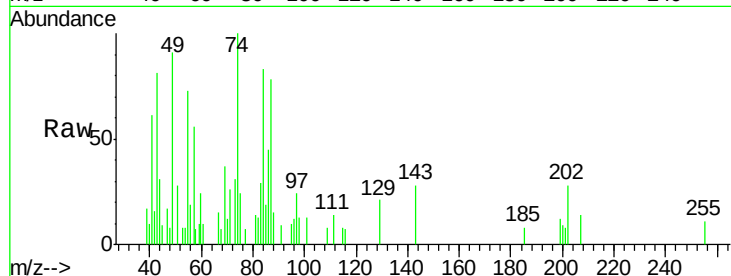
Tgt Ion:202 Resp: 1199

Ion Ratio Lower Upper

202 100

101 45.7 0.0 34.0#

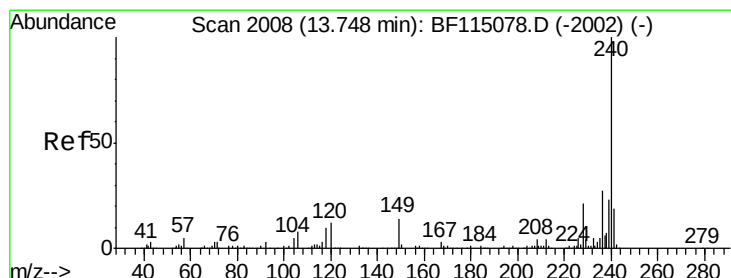
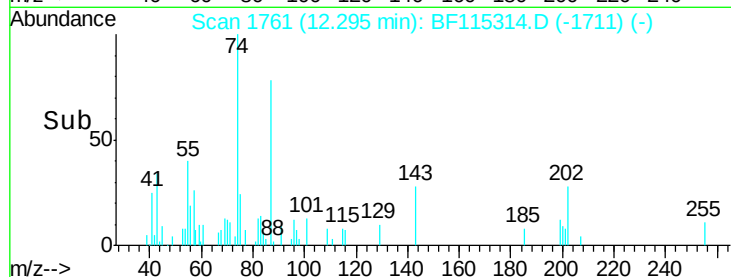
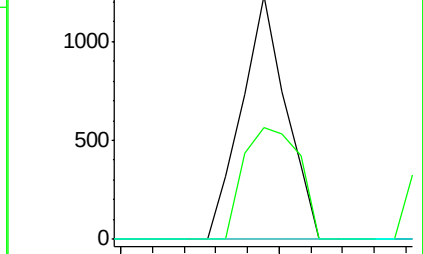
203 0.0 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

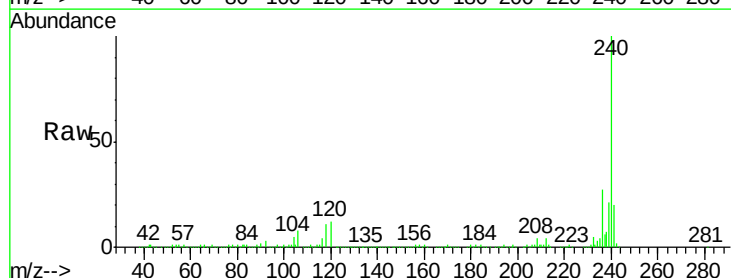
Tgt Ion:240 Resp: 837672

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

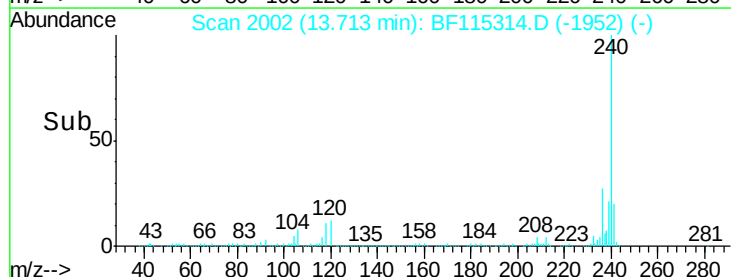
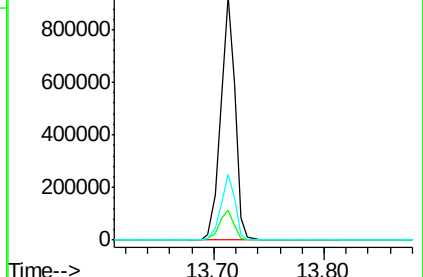
236 27.0 21.7 32.5

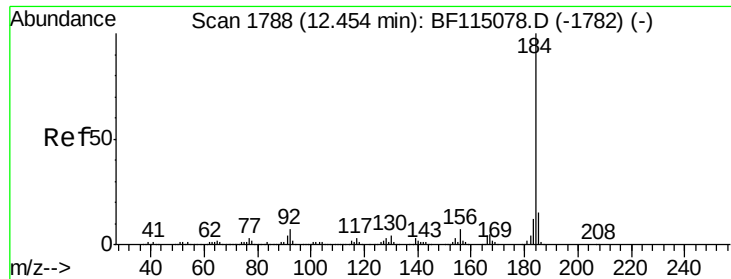


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.655 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.25 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

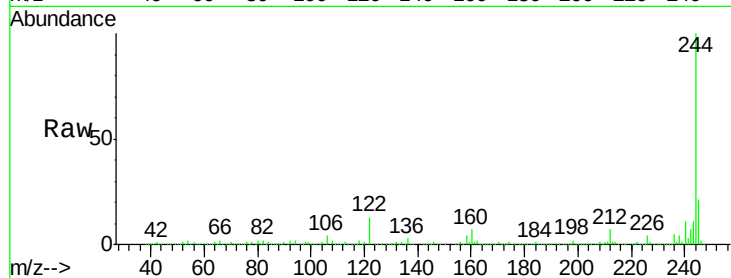
Tgt Ion:184 Resp: 24369

Ion Ratio Lower Upper

184 100

185 18.2 12.2 18.2

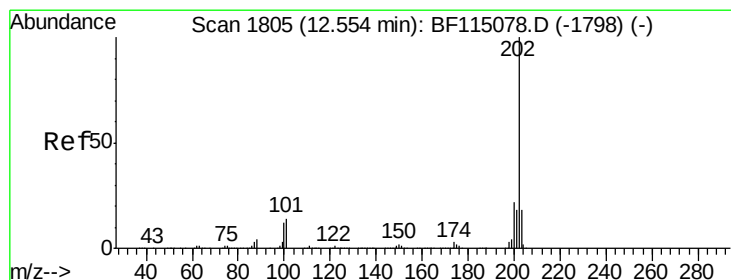
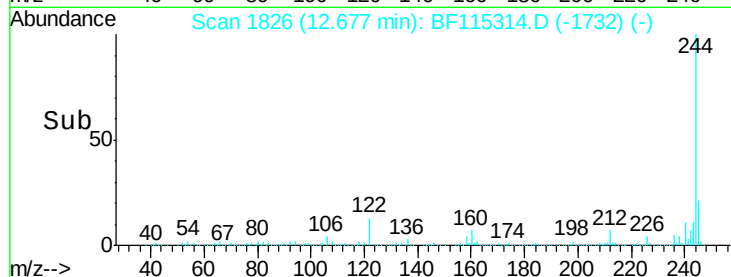
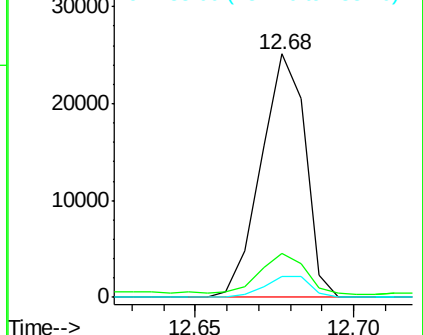
183 8.4 9.6 14.4#



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: 0.020 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

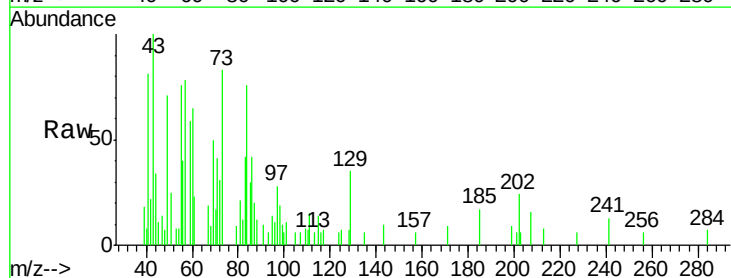
Tgt Ion:202 Resp: 1269

Ion Ratio Lower Upper

202 100

200 0.0 17.9 26.9#

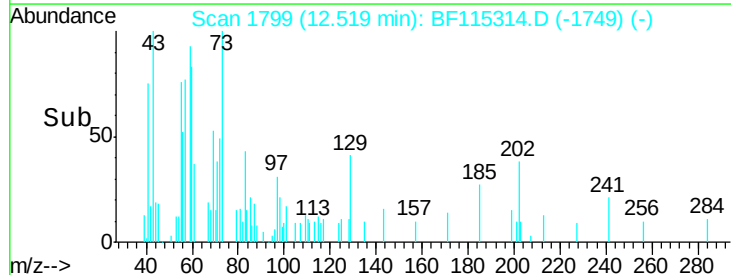
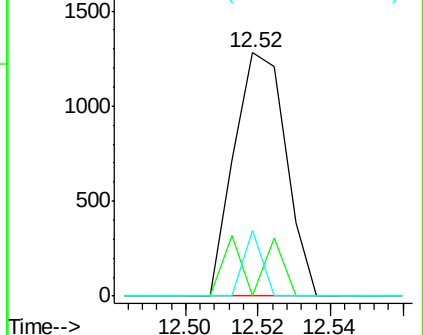
203 26.9 14.6 21.8#

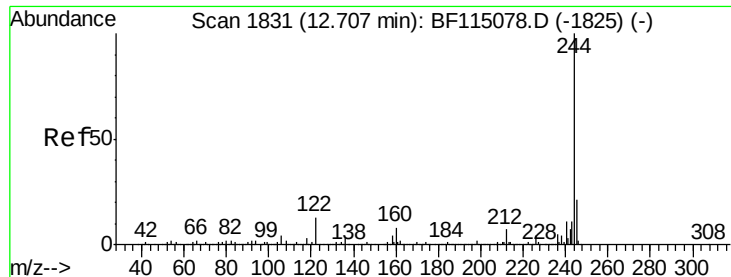


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.335 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

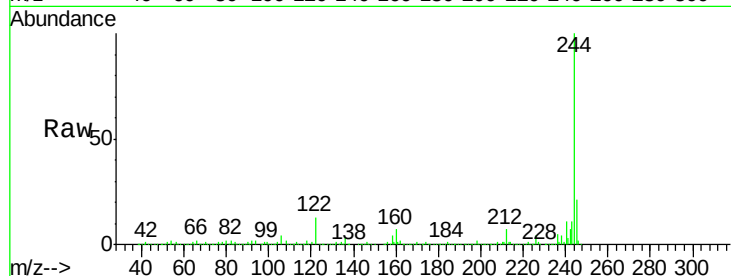
Tgt Ion:244 Resp: 1904329

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

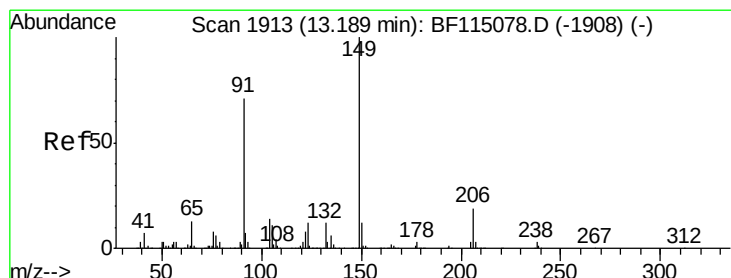
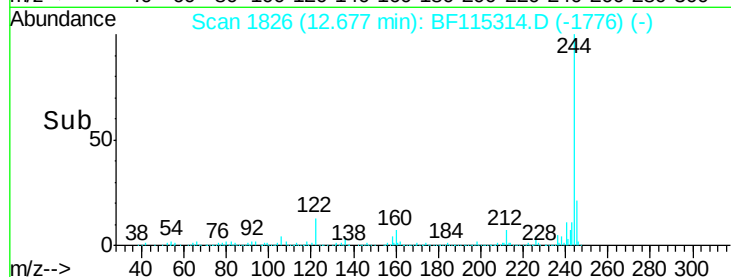
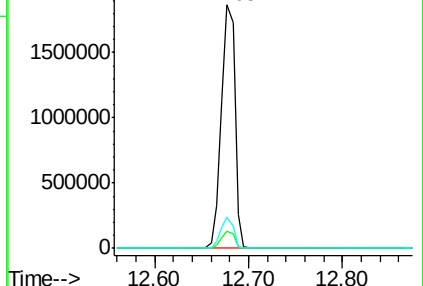
122 12.8 10.4 15.6



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: 0.004 ng

RT: 13.37 min Scan# 1943

Delta R.T. 0.21 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

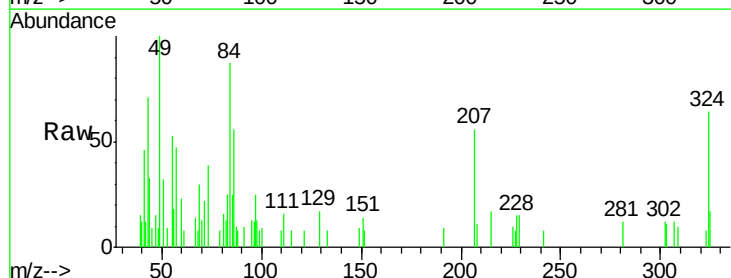
Tgt Ion:149 Resp: 124

Ion Ratio Lower Upper

149 100

91 116.0 56.5 84.7#

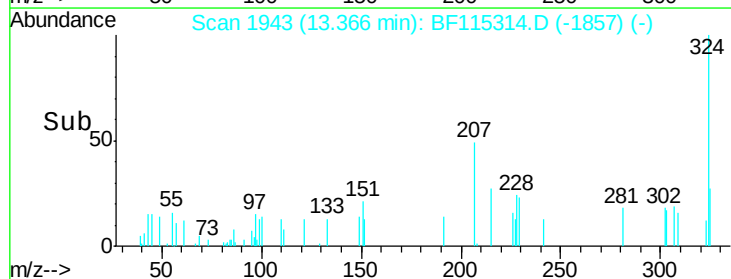
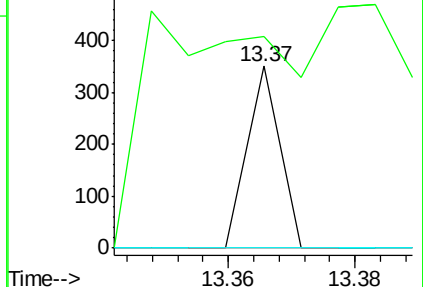
206 0.0 15.3 22.9#

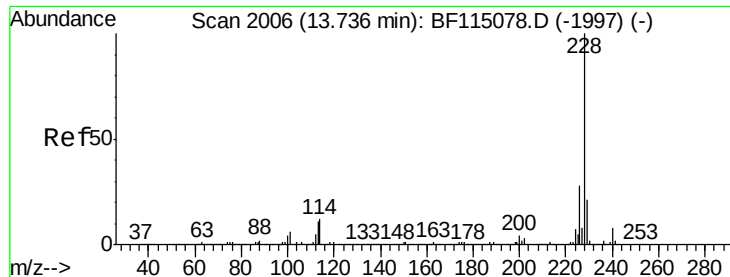


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.053 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

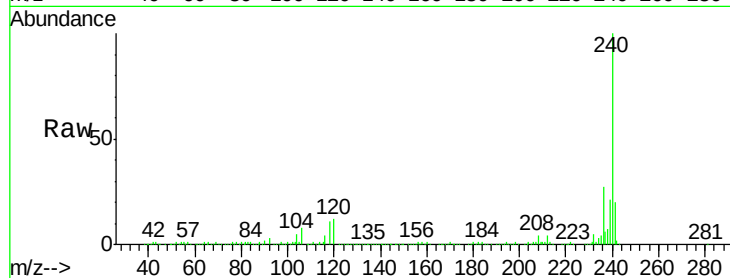
Tgt Ion:228 Resp: 3213

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

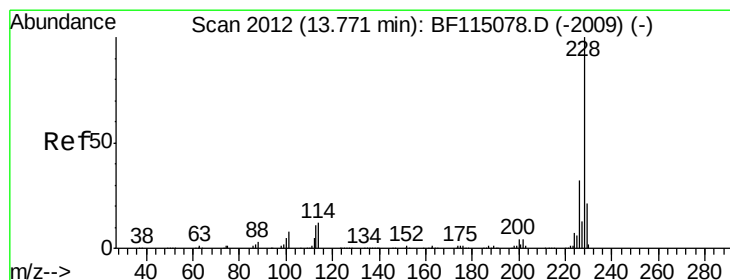
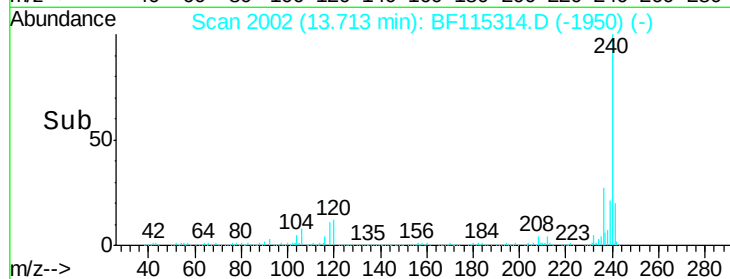
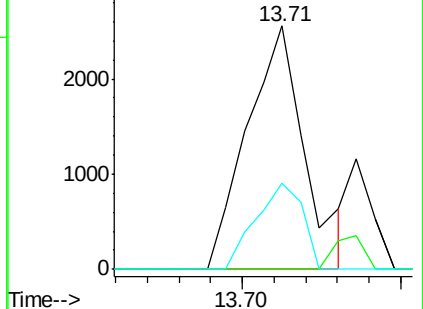
229 35.2 16.6 24.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.058 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

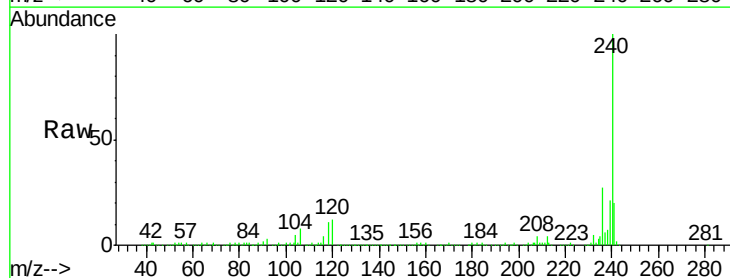
Tgt Ion:228 Resp: 3213

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

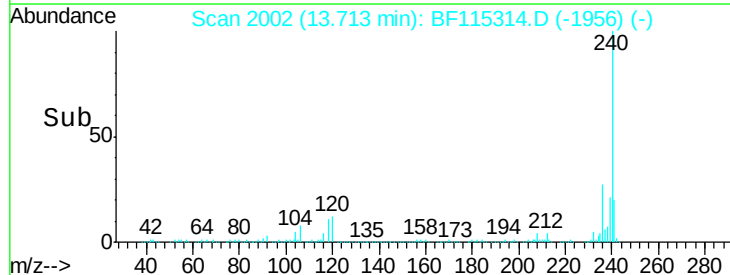
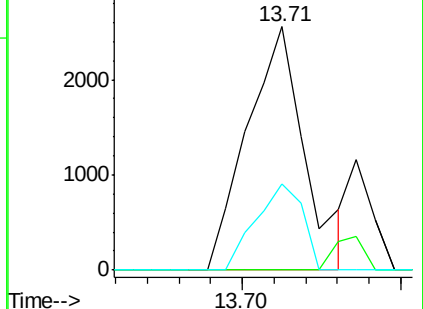
229 35.2 16.5 24.7#

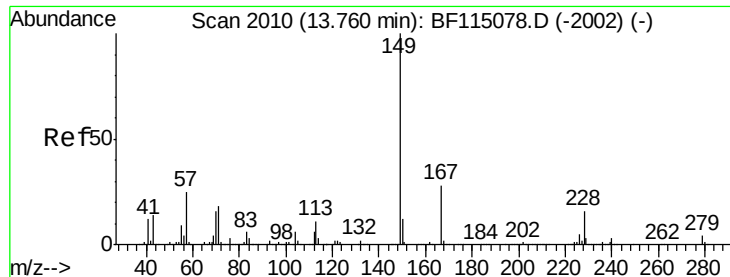


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

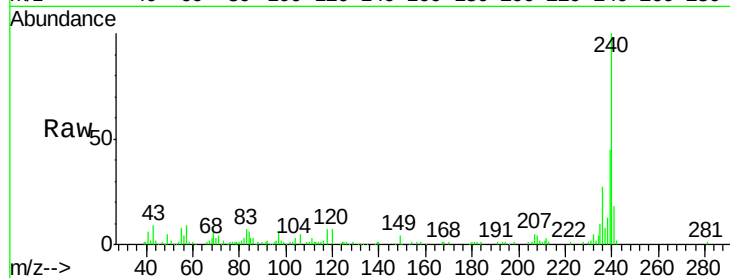
Tgt Ion:149 Resp: 3873

Ion Ratio Lower Upper

149 100

167 35.7 22.2 33.4#

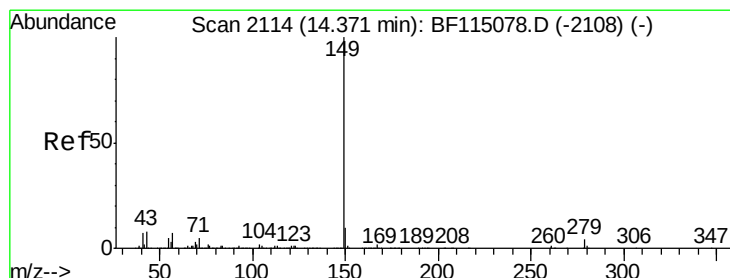
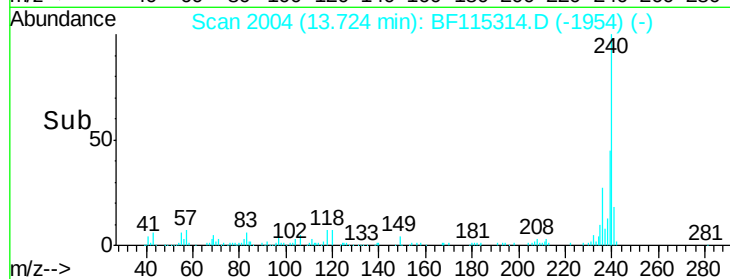
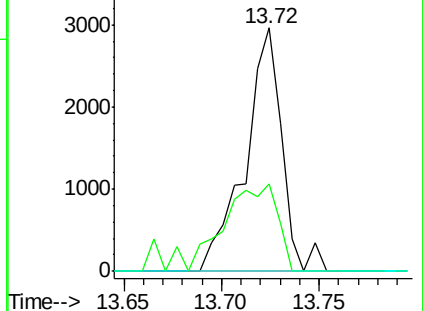
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.010 ng

RT: 14.32 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

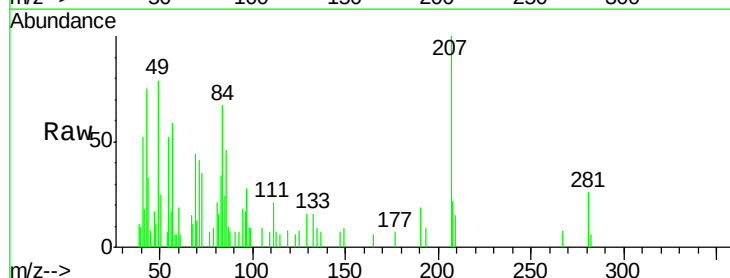
Tgt Ion:149 Resp: 653

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

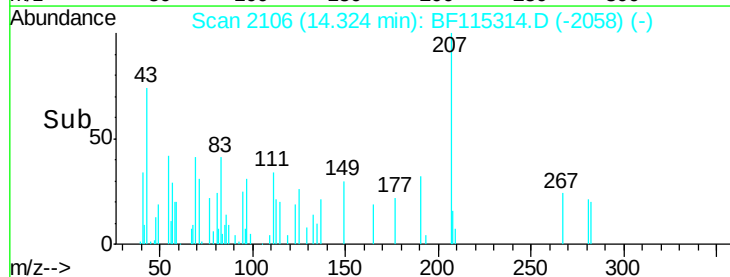
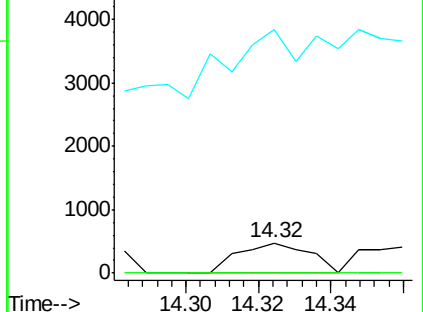
43 0.0 7.0 10.6#

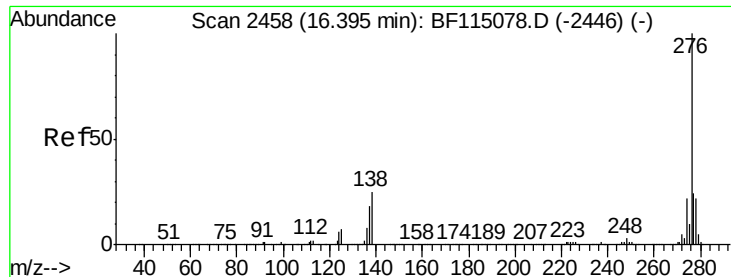


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

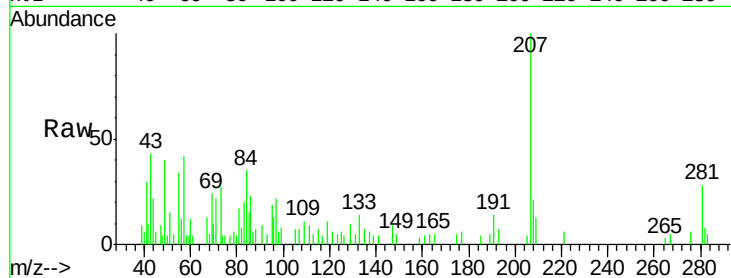




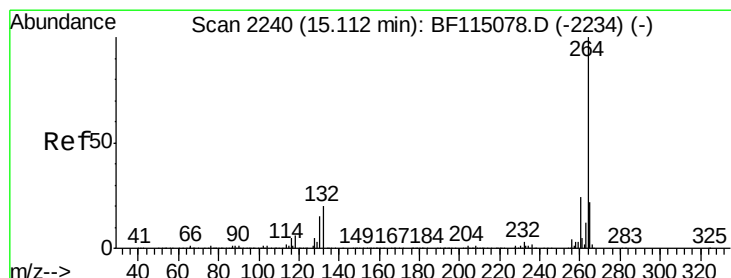
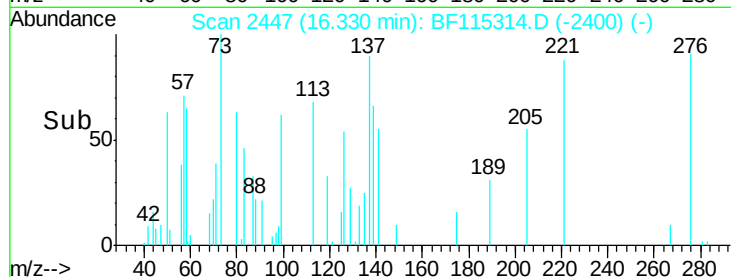
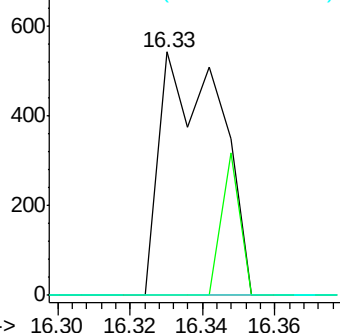
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.010 ng
 RT: 16.33 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Tgt Ion:276 Resp: 627
 Ion Ratio Lower Upper
 276 100
 138 18.0 23.2 34.8#
 277 0.0 20.1 30.1#

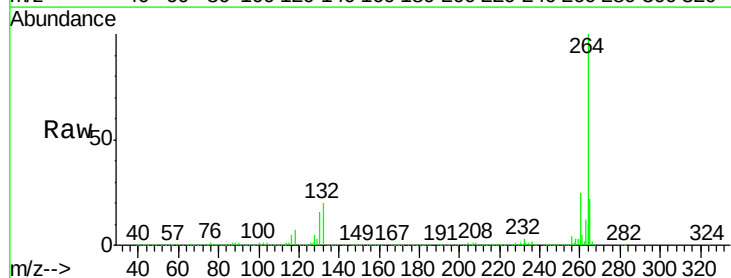


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

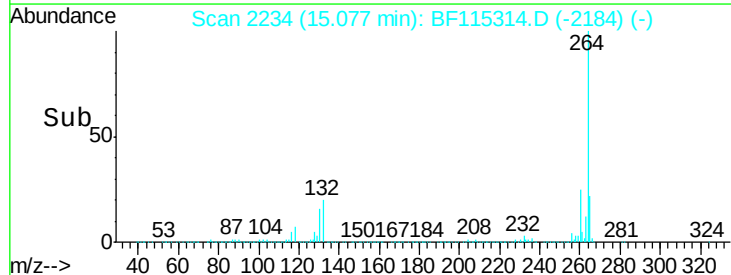
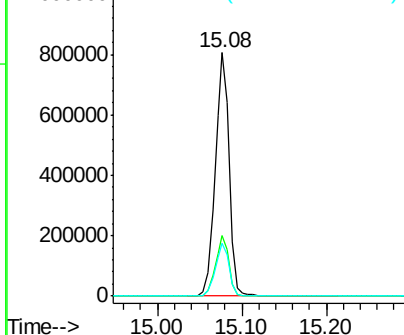


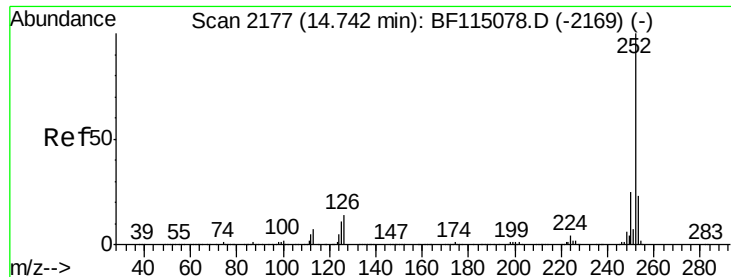
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion:264 Resp: 944128
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

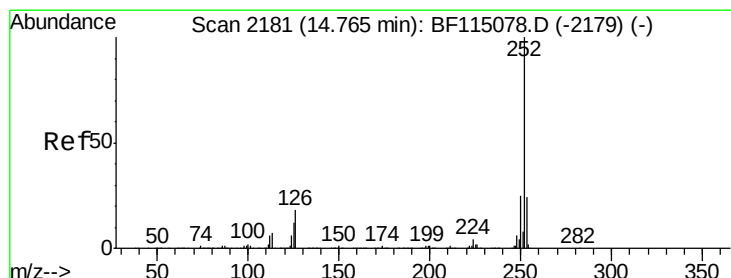
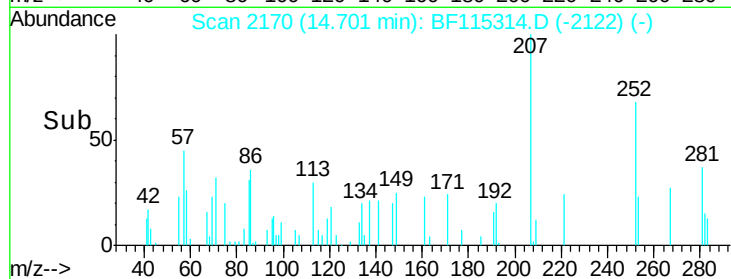
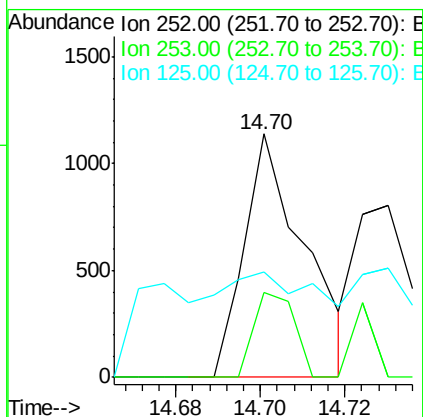
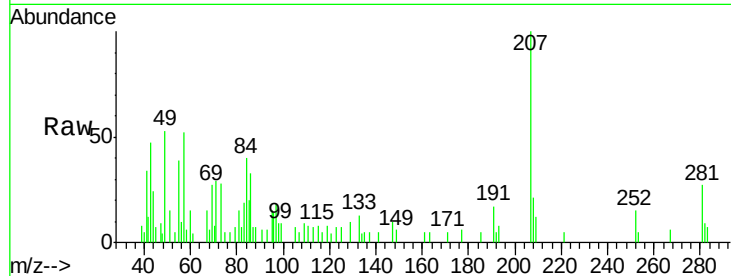




#88
Benzo(b)fluoranthene
Concen: 0.019 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

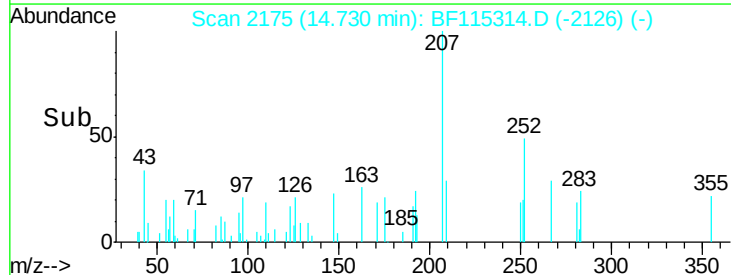
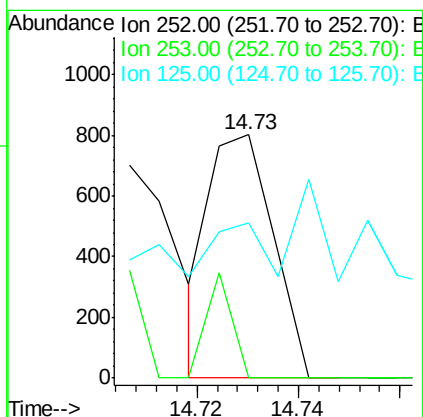
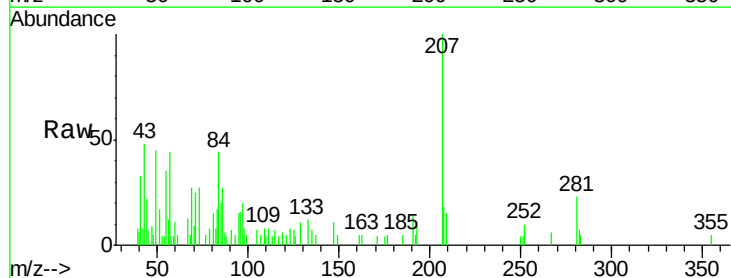
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

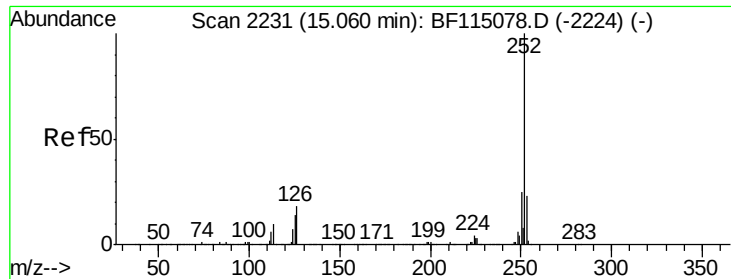
Tgt Ion:252 Resp: 1128
Ion Ratio Lower Upper
252 100
253 34.7 18.1 27.1#
125 43.5 8.7 13.1#



#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion:252 Resp: 699
Ion Ratio Lower Upper
252 100
253 0.0 18.9 28.3#
125 63.6 10.2 15.2#

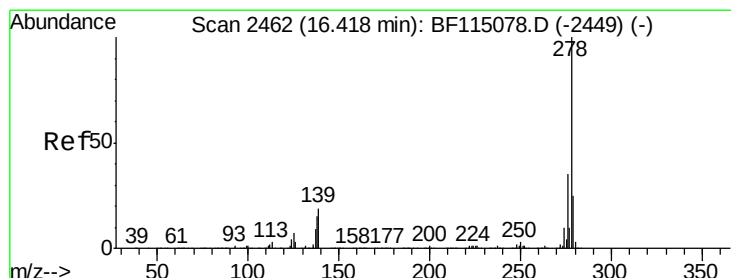
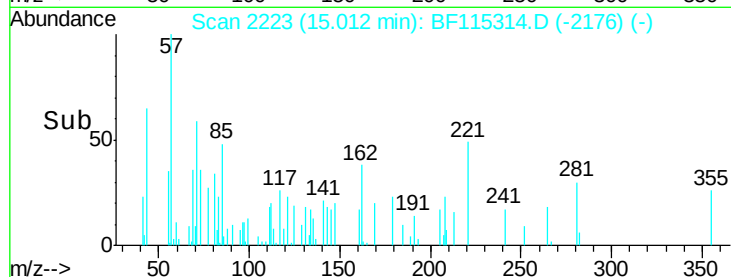
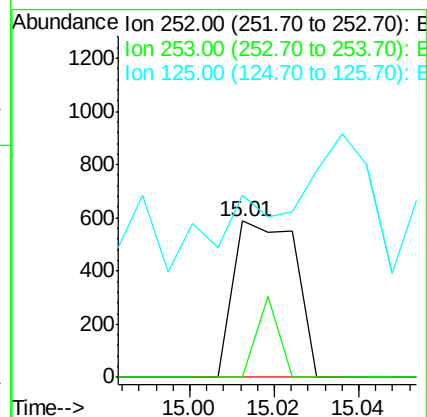
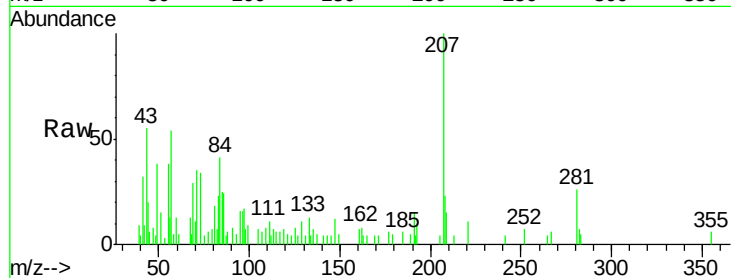




#90
Benzo(a)pyrene
Concen: 0.011 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

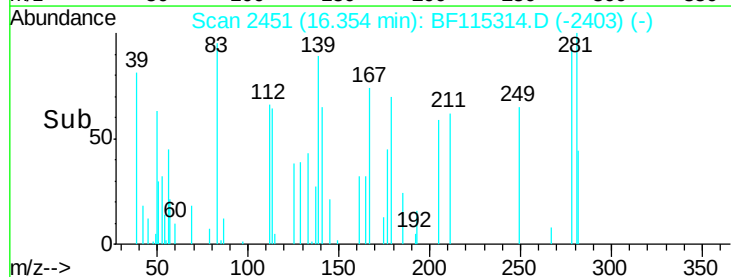
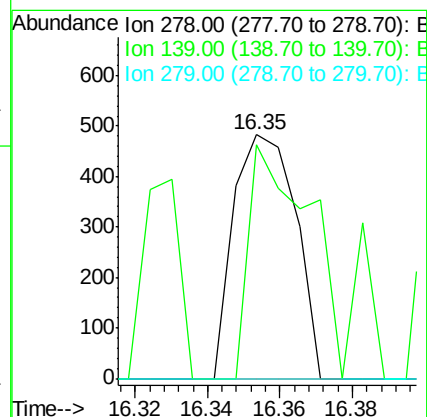
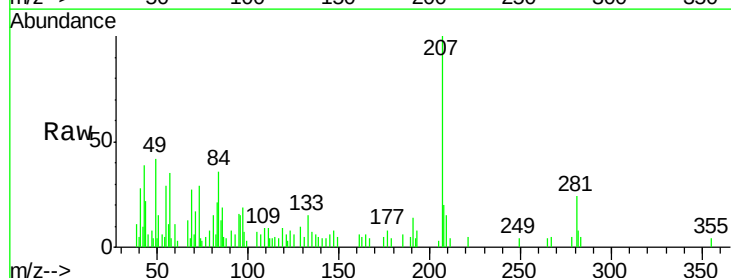
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

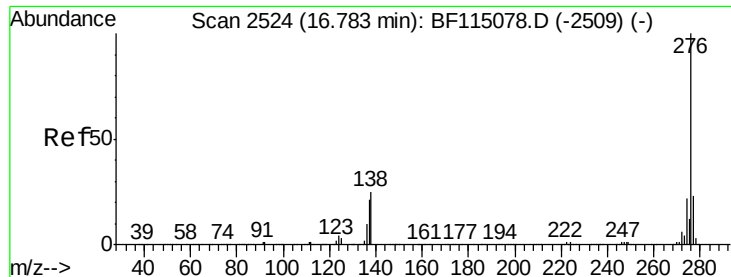
Tgt Ion: 252 Resp: 595
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 116.9 10.9 16.3#



#91
Dibenzo(a,h)anthracene
Concen: 0.012 ng
RT: 16.35 min Scan# 2451
Delta R.T. -0.02 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion: 278 Resp: 573
Ion Ratio Lower Upper
278 100
139 95.9 15.4 23.2#
279 0.0 19.9 29.9#





#92

Benzo(g,h,i)perylene

Concen: 0.014 ng

RT: 16.72 min Scan# 2513

Delta R.T. -0.02 min

Lab File: BF115314.D

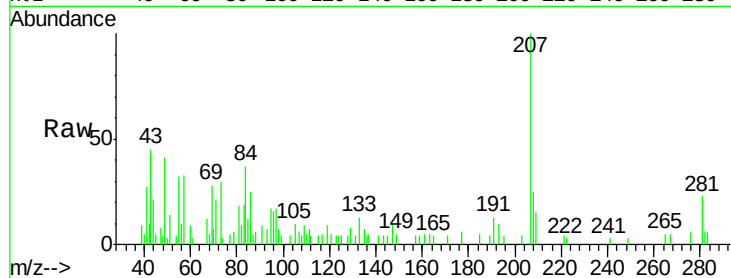
Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14



Tgt Ion:	276	Resp:	713
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	19.8	29.6#

