

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127024.D
 Acq On : 22 Feb 2022 22:41
 Operator : CG\JU
 Sample : N1626-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A1

Quant Time: Feb 23 00:00:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

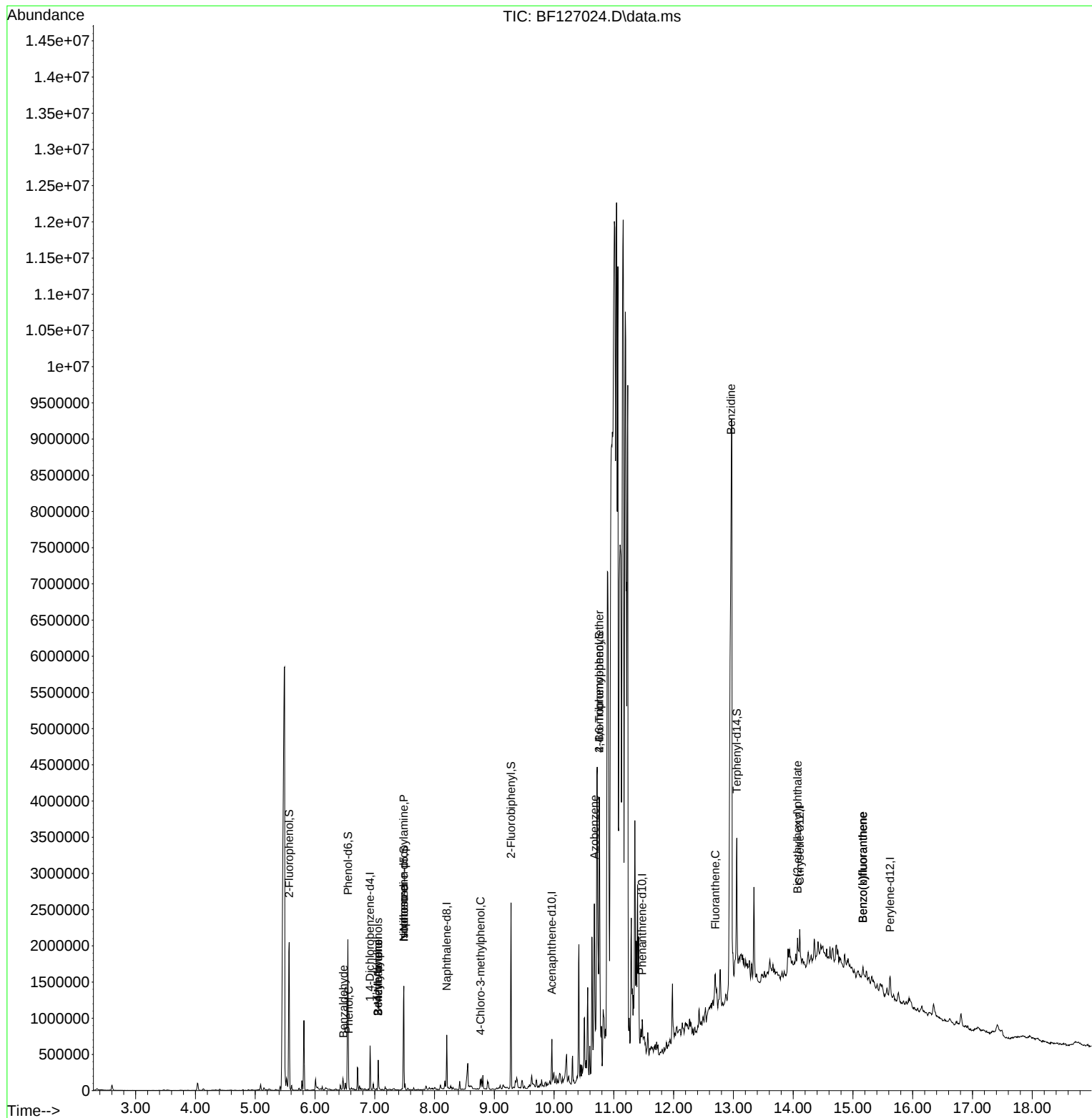
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	72989	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	261405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	108832	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	167627	20.000	ng	# 0.02
76) Chrysene-d12	14.110	240	120140	20.000	ng	# 0.01
86) Perylene-d12	15.621	264	90070	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	500427	105.968	ng	0.03
7) Phenol-d6	6.551	99	632019	99.183	ng	0.00
23) Nitrobenzene-d5	7.486	82	435438	75.188	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	121561	97.012	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	614757	83.157	ng	0.00
79) Terphenyl-d14	13.057	244	592211	72.463	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	12692	3.272	ng	93
10) Phenol	6.563	94	16672	2.589	ng	80
15) Benzyl Alcohol	7.057	79	72174	13.444	ng	91
17) 2-Methylphenol	7.057	107	34527	7.876	ng	# 3
19) n-Nitroso-di-n-propyla...	7.486	70	63127	15.374	ng	# 79
20) 3+4-Methylphenols	7.057	107	34527	6.065	ng	# 22
25) Isophorone	7.486	82	434304	45.320	ng	# 69
36) 4-Chloro-3-methylphenol	8.769	107	17078	3.714	ng	# 23
63) Azobenzene	10.675	77	56426	6.234	ng	74
67) 4-Bromophenyl-phenylether	10.757	248	7283	3.889	ng	# 1
75) Fluoranthene	12.698	202	42439	4.764	ng	79
77) Benzidine	12.963	184	53316	16.330	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.074	149	91424	14.093	ng	# 98
88) Benzo(b)fluoranthene	15.168	252	13541	2.238	ng	# 1
89) Benzo(k)fluoranthene	15.168	252	13541	2.321	ng	# 1

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

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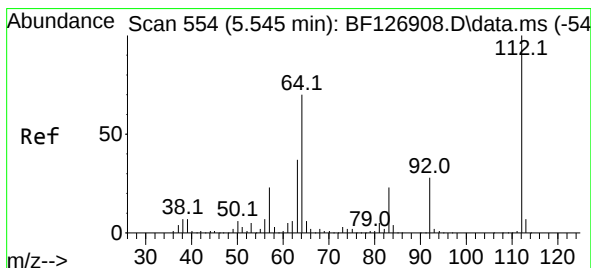
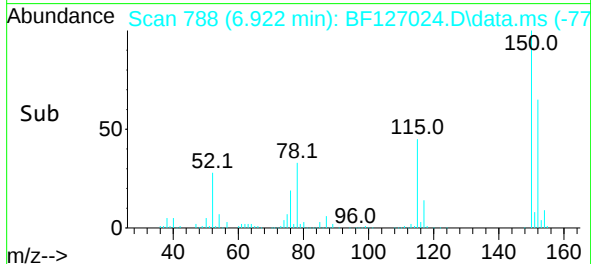
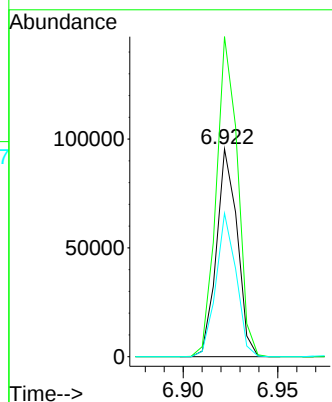
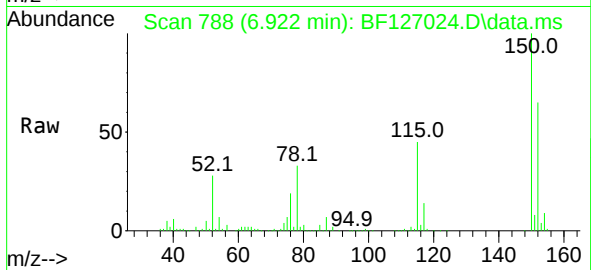




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

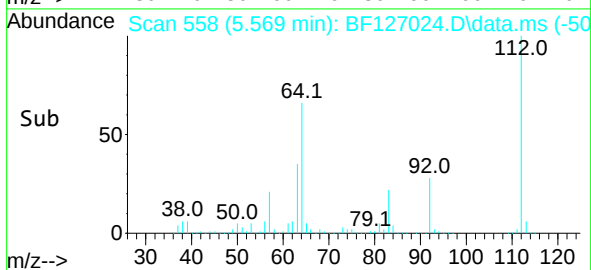
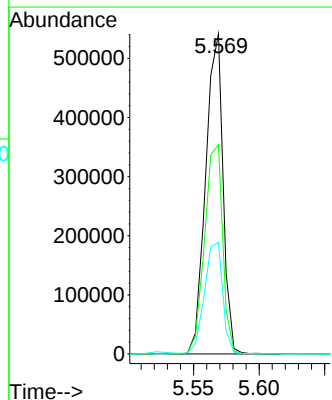
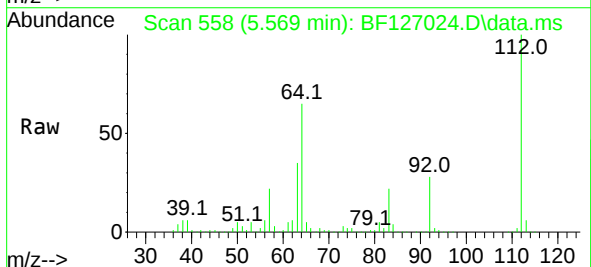
Instrument :
BNA_F
ClientSampleId :
CC-A1

Tgt Ion:152 Resp: 72989
Ion Ratio Lower Upper
152 100
150 154.0 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 105.968 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.029 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion:112 Resp: 500427
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 34.9 23.9 35.9

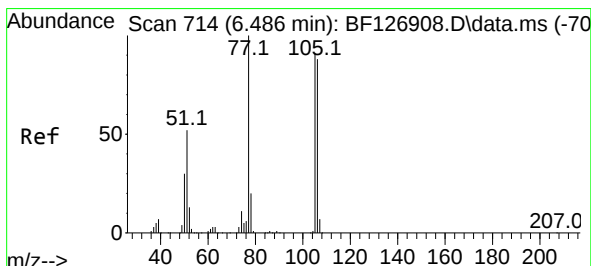
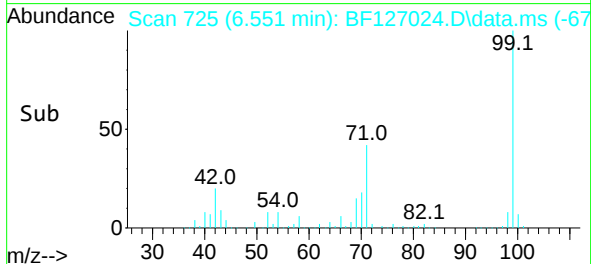
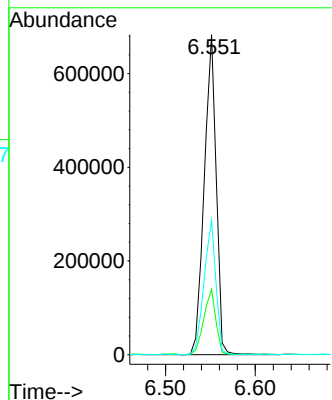
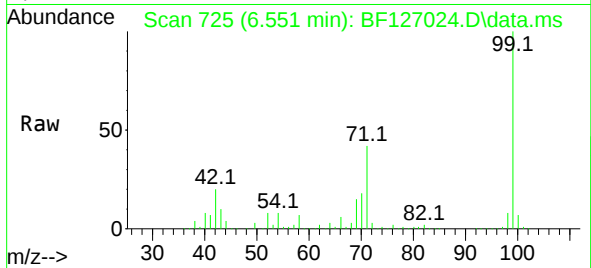




#7
Phenol-d6
Concen: 99.183 ng
RT: 6.551 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

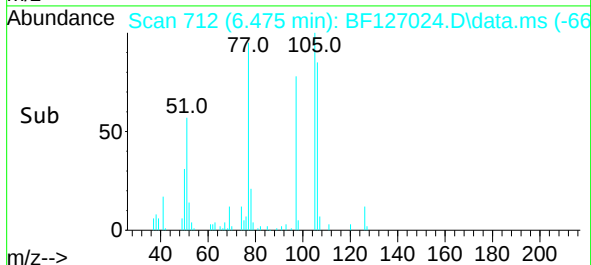
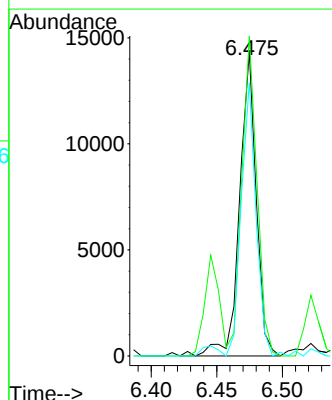
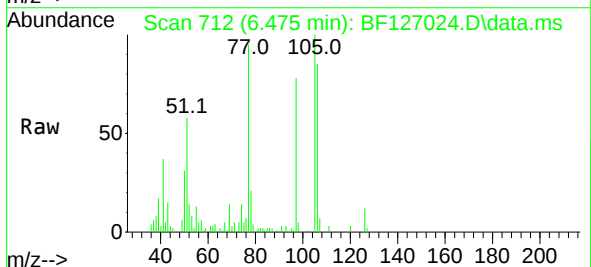
Instrument :
BNA_F
ClientSampleId :
CC-A1

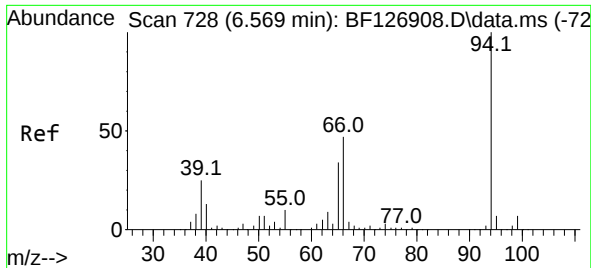
Tgt Ion: 99 Resp: 632019
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 42.1 24.3 36.5#



#9
Benzaldehyde
Concen: 3.272 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion: 77 Resp: 12692
Ion Ratio Lower Upper
77 100
105 105.4 74.9 114.9
106 90.0 72.4 112.4





#10

Phenol

Concen: 2.589 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Instrument :

BNA_F

ClientSampleId :

CC-A1

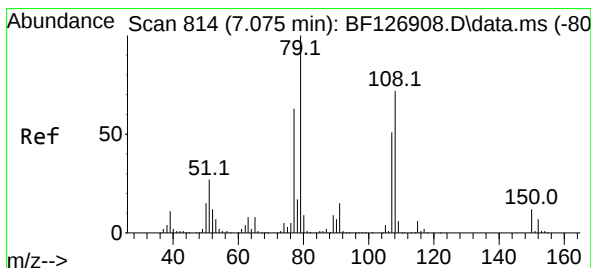
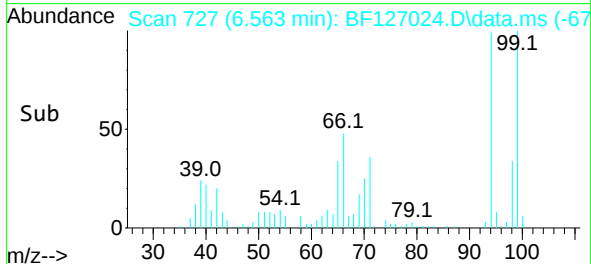
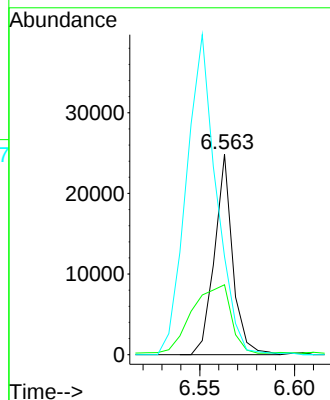
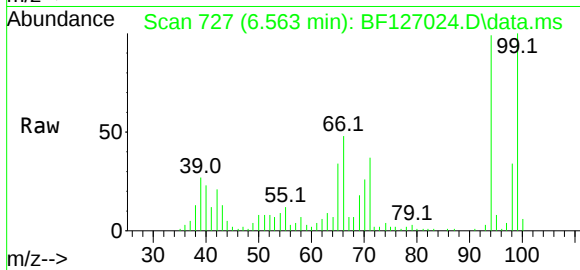
Tgt Ion: 94 Resp: 16672

Ion Ratio Lower Upper

94 100

65 34.9 7.2 47.2

66 48.9 14.5 54.5



#15

Benzyl Alcohol

Concen: 13.444 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

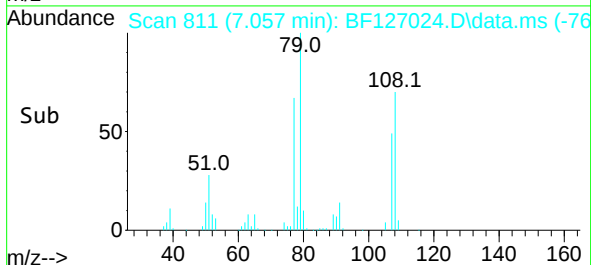
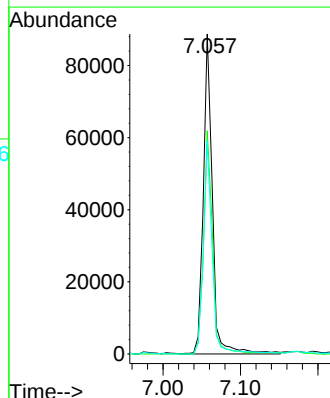
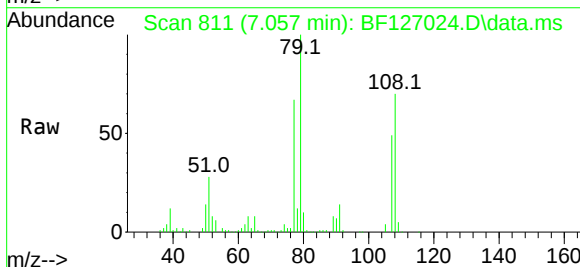
Tgt Ion: 79 Resp: 72174

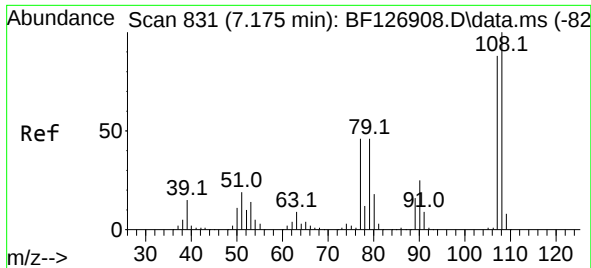
Ion Ratio Lower Upper

79 100

108 69.7 63.2 94.8

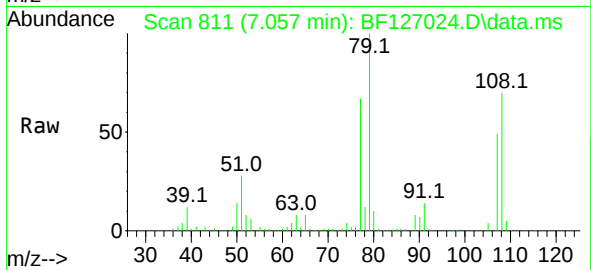
77 66.6 49.4 74.2



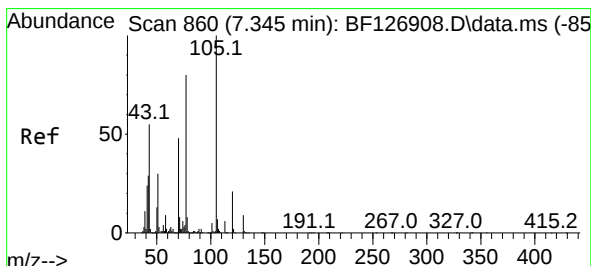
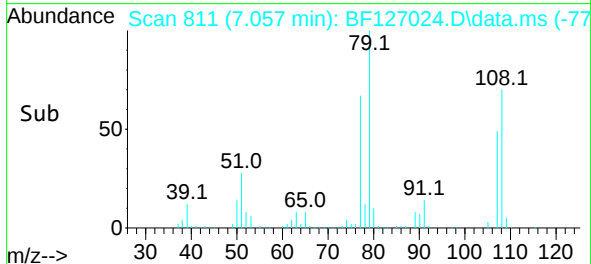
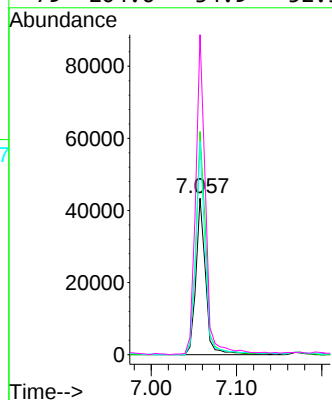


#17
2-Methylphenol
Concen: 7.876 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.112 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Instrument :
BNA_F
ClientSampleId :
CC-A1

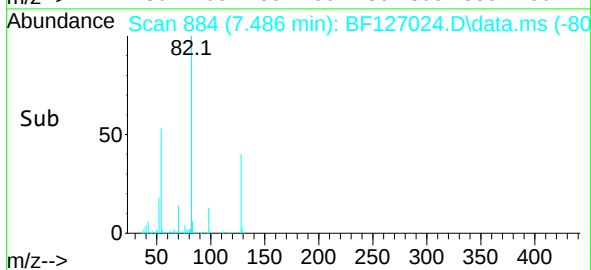
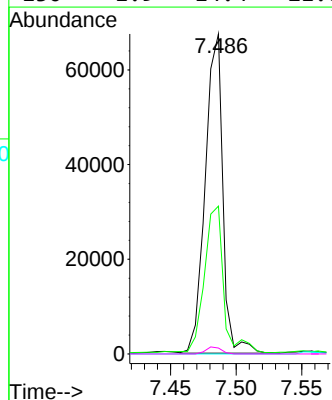
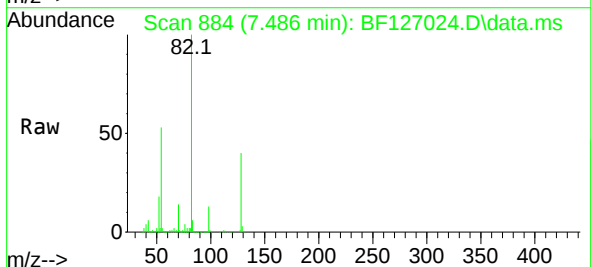


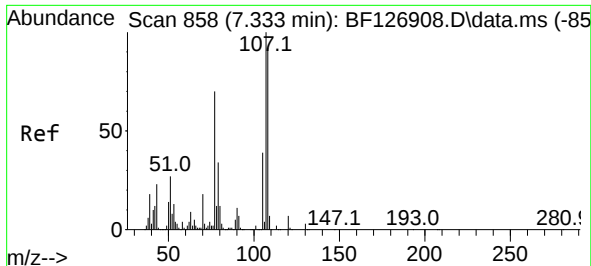
Tgt Ion:	107	Resp:	34527
Ion	Ratio	Lower	Upper
107	100		
108	142.6	93.4	140.0#
77	136.2	36.1	54.1#
79	204.6	34.9	52.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.374 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.153 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion:	70	Resp:	63127
Ion	Ratio	Lower	Upper
70	100		
42	46.2	45.8	68.8
101	0.0	6.9	10.3#
130	1.9	14.4	21.6#





#20

3+4-Methylphenols

Concen: 6.065 ng

RT: 7.057 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF127024.D

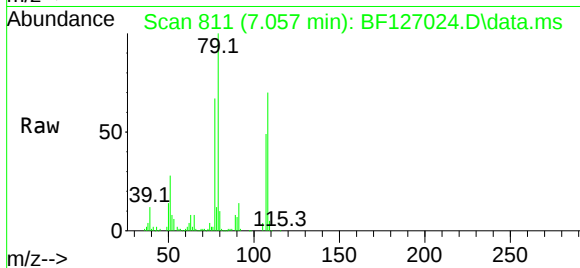
Acq: 22 Feb 2022 22:41

Instrument :

BNA_F

ClientSampleId :

CC-A1



Tgt Ion:107 Resp: 34527

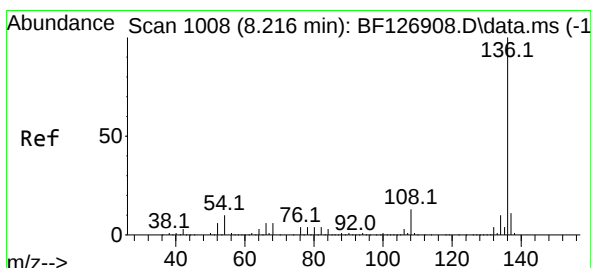
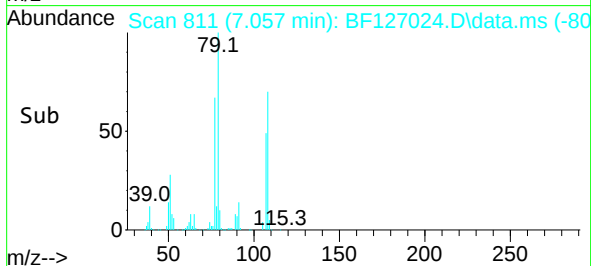
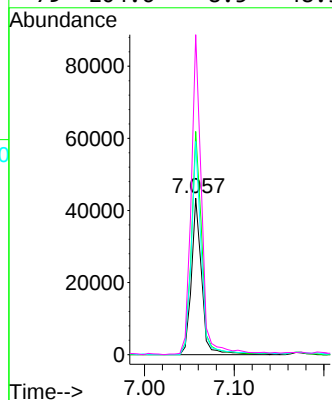
Ion Ratio Lower Upper

107 100

108 142.6 72.4 112.4#

77 136.2 83.8 123.8#

79 204.6 8.5 48.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.204 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Tgt Ion:136 Resp: 261405

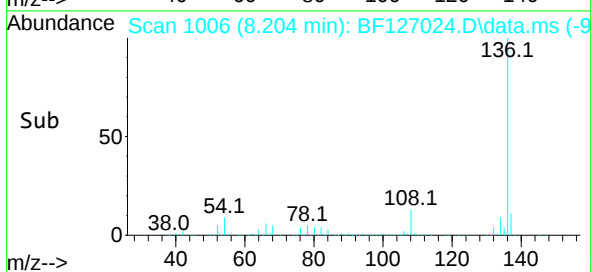
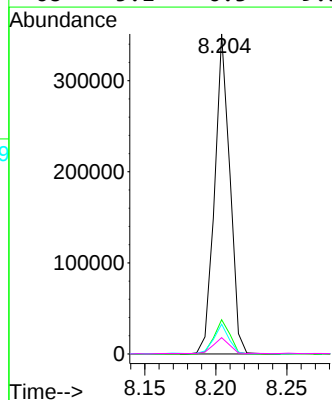
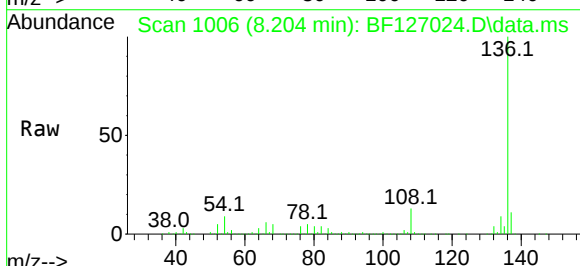
Ion Ratio Lower Upper

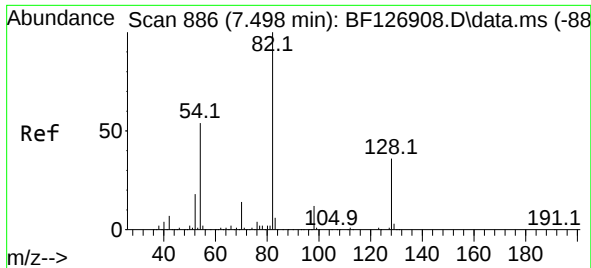
136 100

137 10.7 8.6 13.0

54 9.3 7.8 11.6

68 5.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 75.188 ng

RT: 7.486 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Instrument :

BNA_F

ClientSampleId :

CC-A1

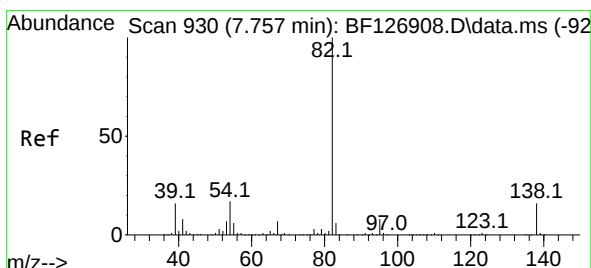
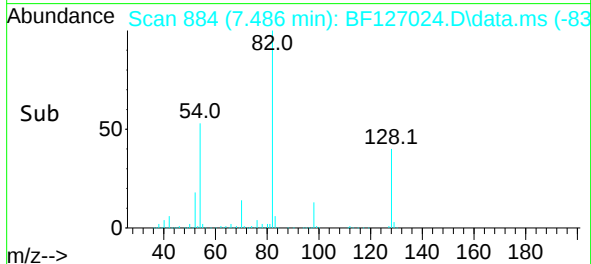
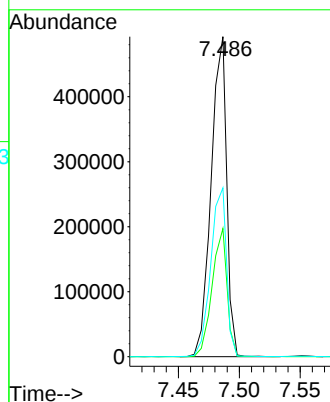
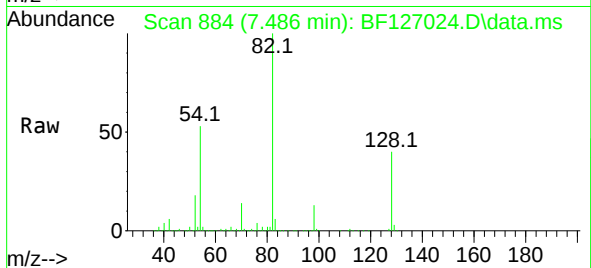
Tgt Ion: 82 Resp: 435438

Ion Ratio Lower Upper

82 100

128 40.1 32.7 49.1

54 52.8 41.7 62.5



#25

Isophorone

Concen: 45.320 ng

RT: 7.486 min Scan# 884

Delta R.T. -0.259 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

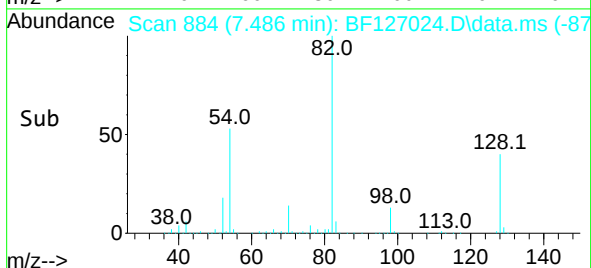
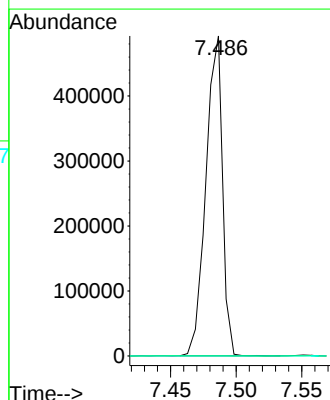
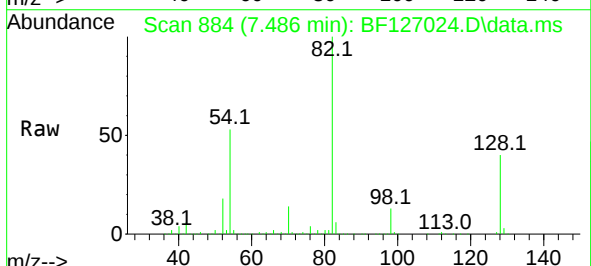
Tgt Ion: 82 Resp: 434304

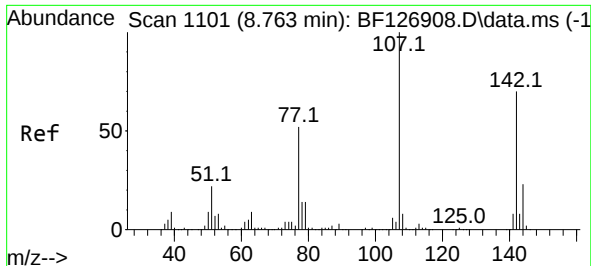
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#





#36

4-Chloro-3-methylphenol

Concen: 3.714 ng

RT: 8.769 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Instrument :

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CC-A1

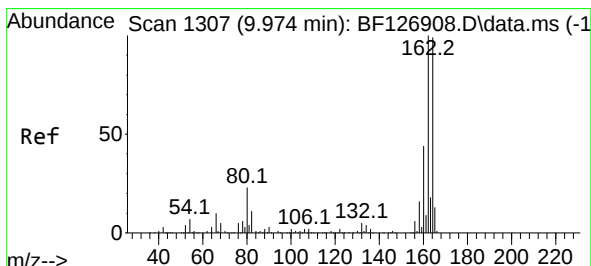
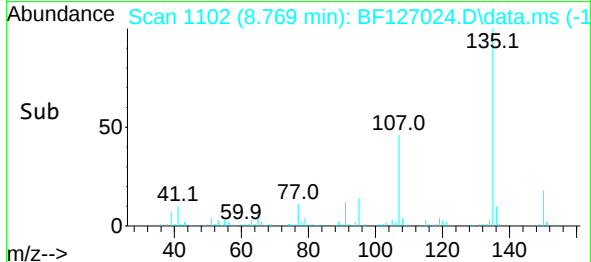
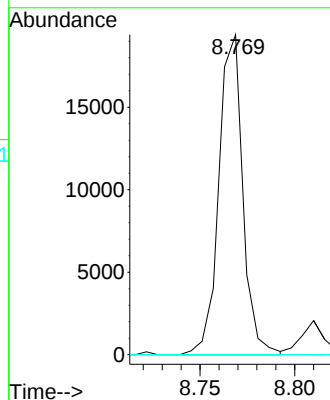
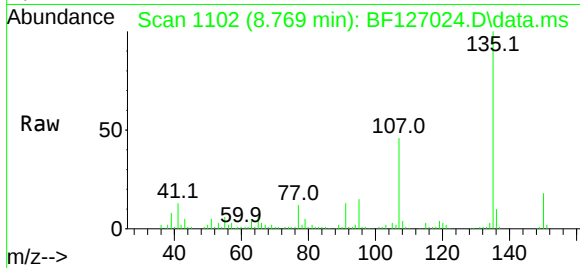
Tgt Ion:107 Resp: 17078

Ion Ratio Lower Upper

107 100

144 0.0 18.5 27.7#

142 0.0 58.1 87.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

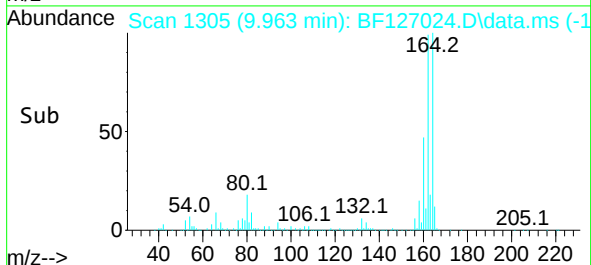
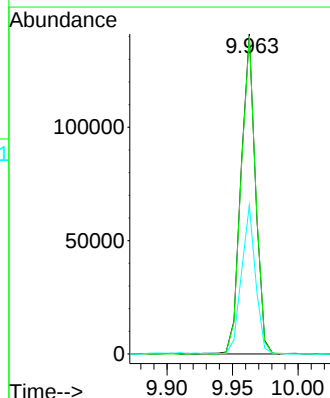
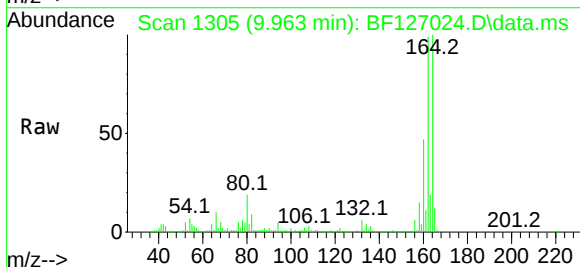
Tgt Ion:164 Resp: 108832

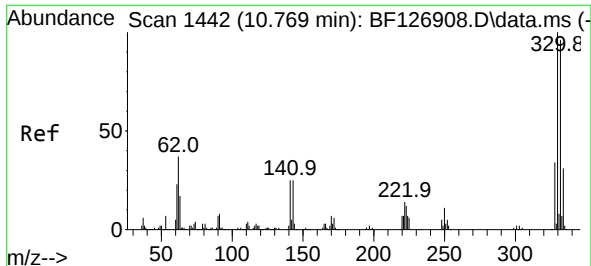
Ion Ratio Lower Upper

164 100

162 99.2 81.4 122.0

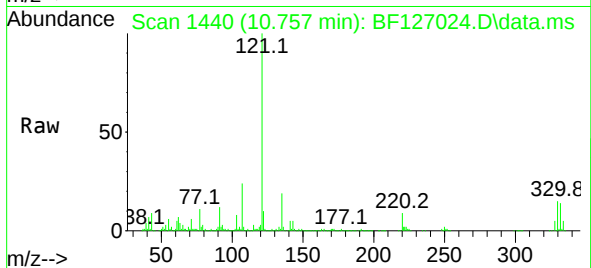
160 46.5 36.6 54.8



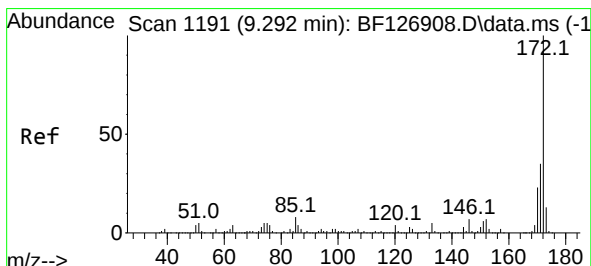
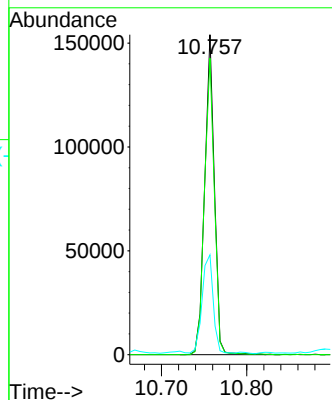
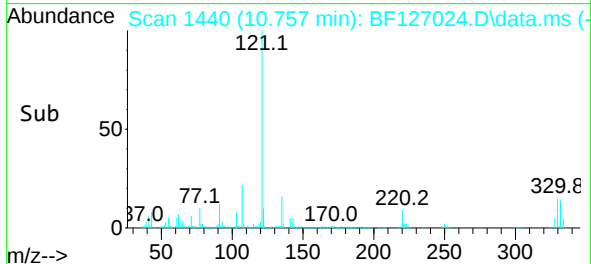


#42
 2,4,6-Tribromophenol
 Concen: 97.012 ng
 RT: 10.757 min Scan# 1440
 Delta R.T. 0.006 min
 Lab File: BF127024.D
 Acq: 22 Feb 2022 22:41

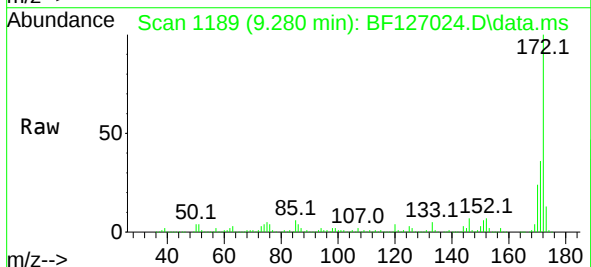
Instrument :
 BNA_F
 ClientSampleId :
 CC-A1



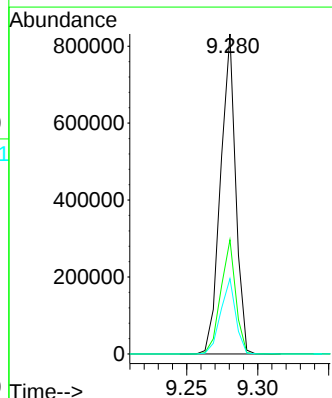
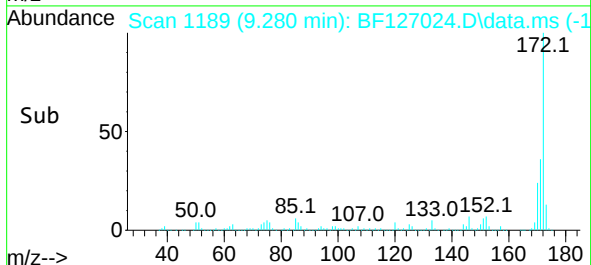
Tgt Ion:330 Resp: 121561
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 34.8 30.1 45.1

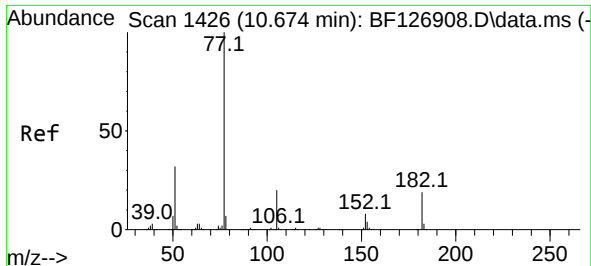


#45
 2-Fluorobiphenyl
 Concen: 83.157 ng
 RT: 9.280 min Scan# 1189
 Delta R.T. -0.000 min
 Lab File: BF127024.D
 Acq: 22 Feb 2022 22:41



Tgt Ion:172 Resp: 614757
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 23.6 19.0 28.6

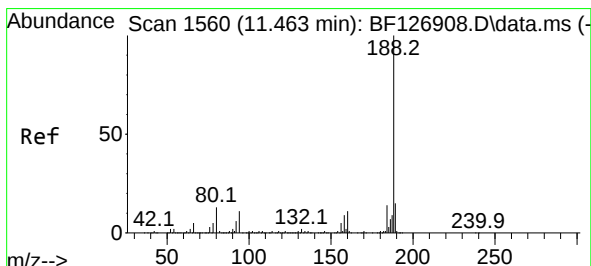
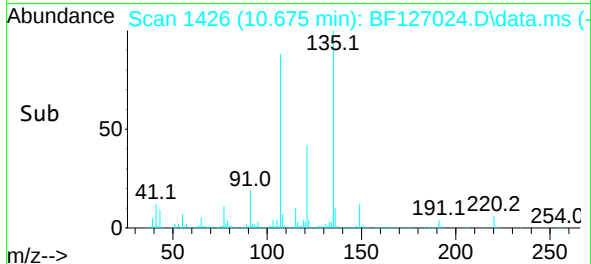
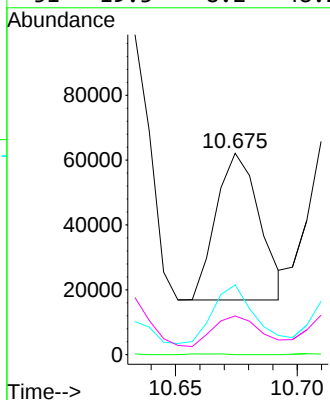
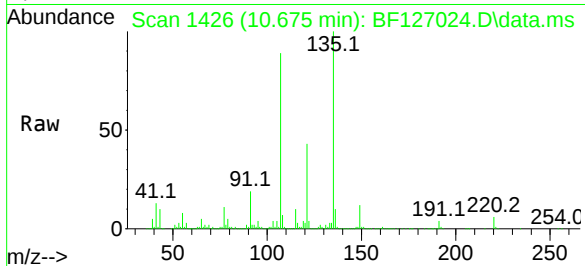




#63
Azobenzene
Concen: 6.234 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

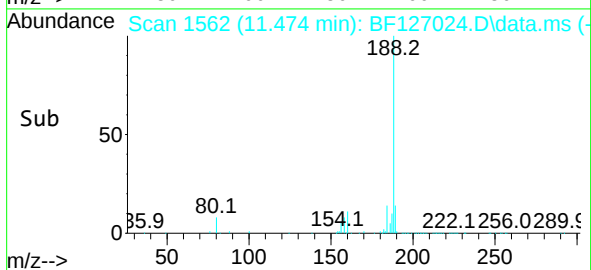
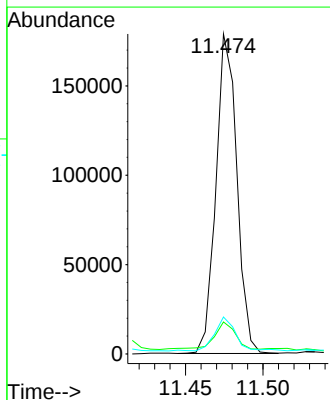
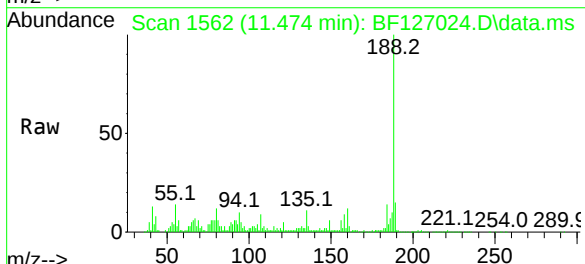
Instrument :
BNA_F
ClientSampleId :
CC-A1

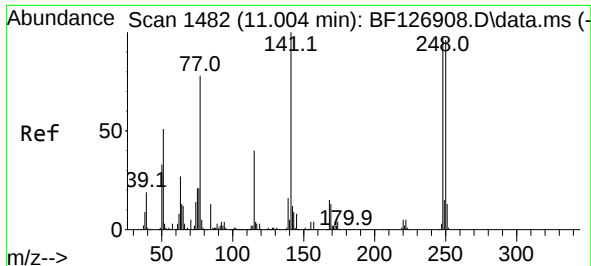
Tgt Ion: 77	Resp: 56426
Ion Ratio	Lower Upper
77 100	
182 0.0	0.0 39.0
105 34.6	3.2 43.2
51 19.3	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. 0.024 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion: 188	Resp: 167627
Ion Ratio	Lower Upper
188 100	
94 10.0	10.1 15.1#
80 11.5	11.8 17.6#

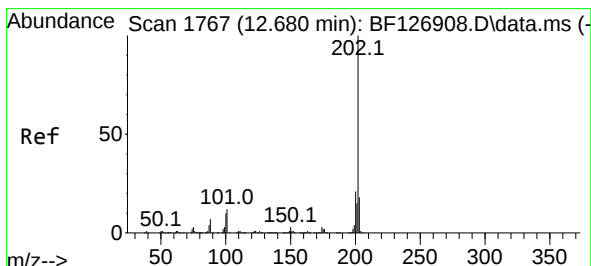
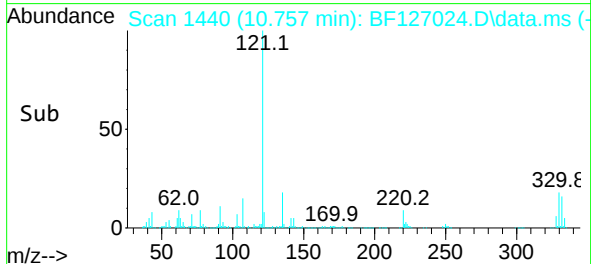
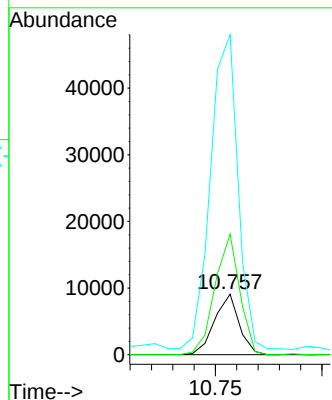
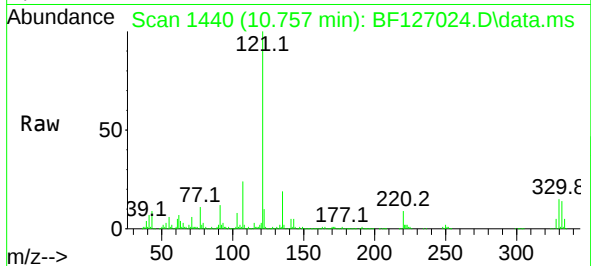




#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

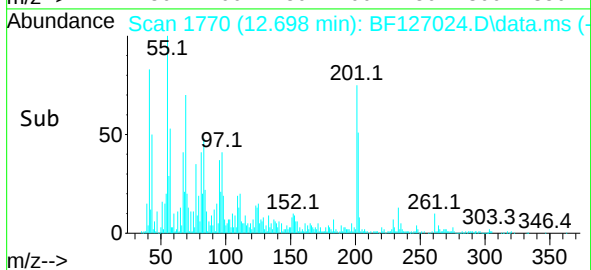
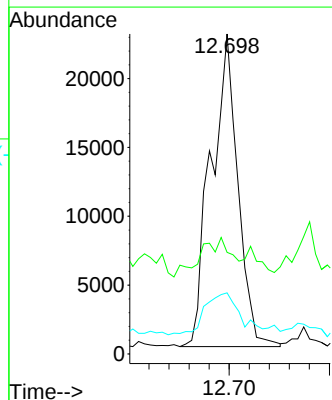
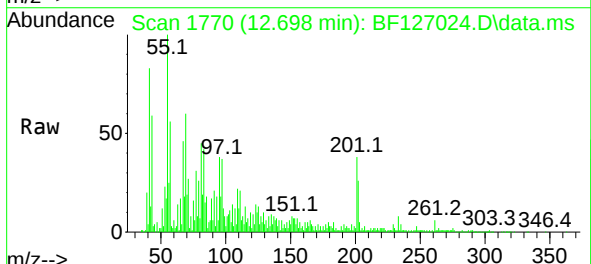
Instrument :
BNA_F
ClientSampleId :
CC-A1

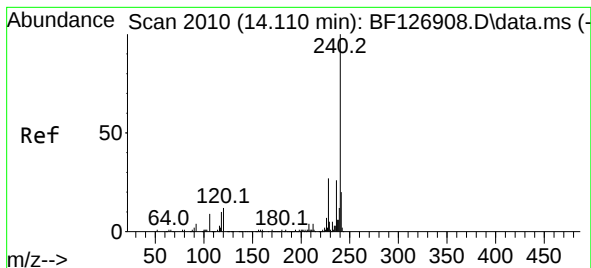
Tgt Ion:248 Resp: 7283
Ion Ratio Lower Upper
248 100
250 199.2 76.2 114.4#
141 529.2 66.2 99.4#



#75
Fluoranthene
Concen: 4.764 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.029 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Tgt Ion:202 Resp: 42439
Ion Ratio Lower Upper
202 100
101 31.7 0.0 35.7
203 19.1 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Instrument :

BNA_F

ClientSampleId :

CC-A1

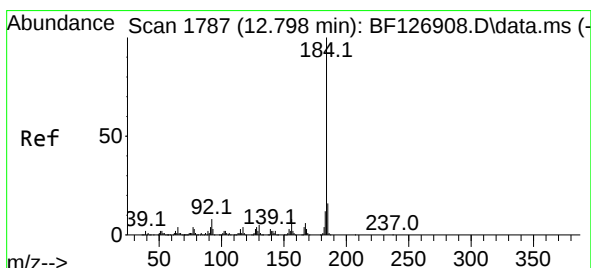
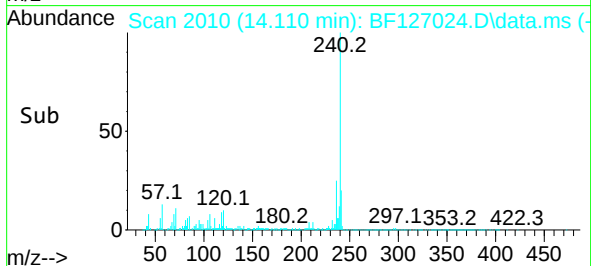
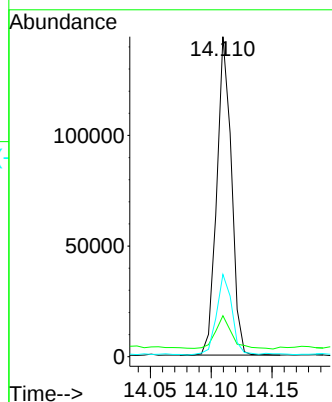
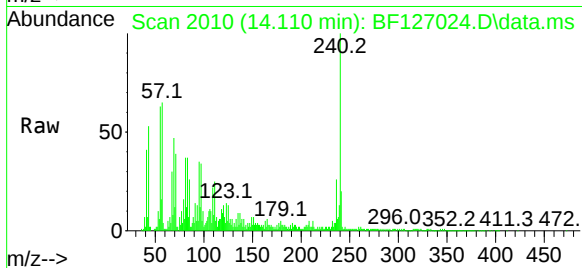
Tgt Ion:240 Resp: 120140

Ion Ratio Lower Upper

240 100

120 12.8 14.4 21.6#

236 25.7 20.5 30.7



#77

Benzidine

Concen: 16.330 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.176 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

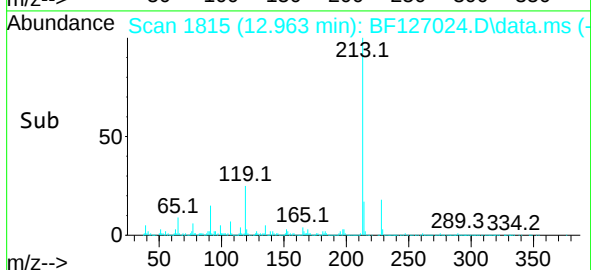
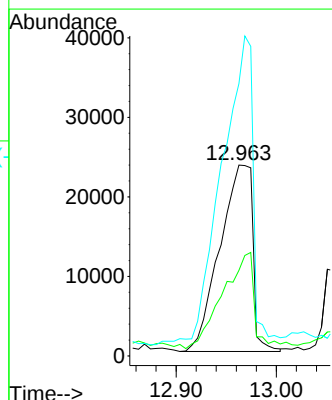
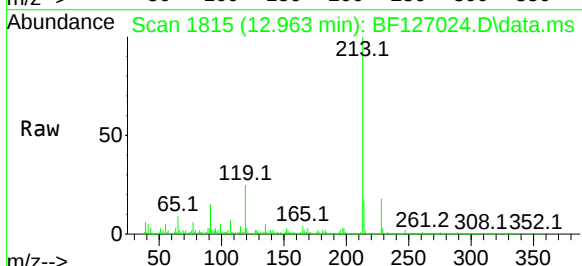
Tgt Ion:184 Resp: 53316

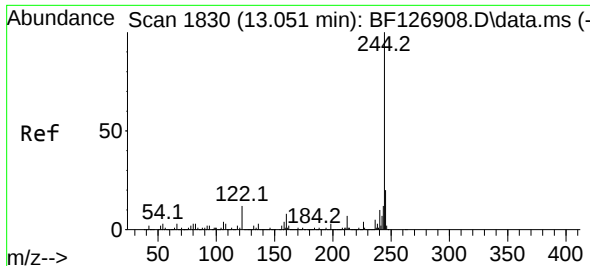
Ion Ratio Lower Upper

184 100

185 44.8 11.8 17.8#

183 142.7 8.2 12.2#

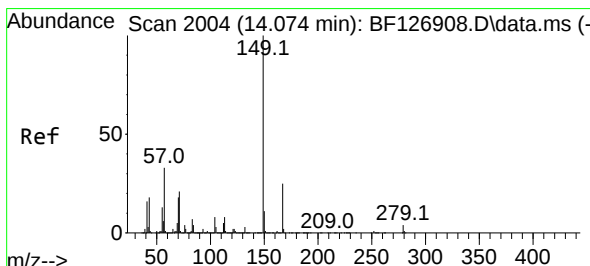
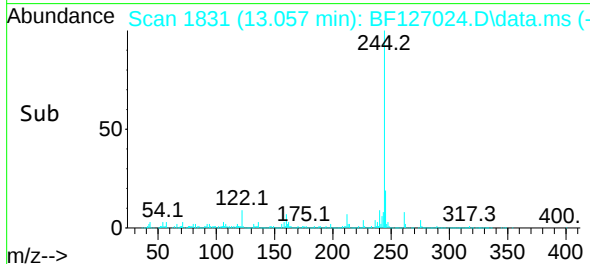
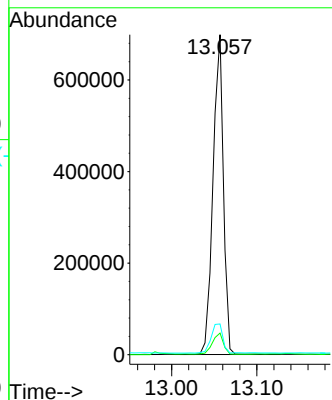
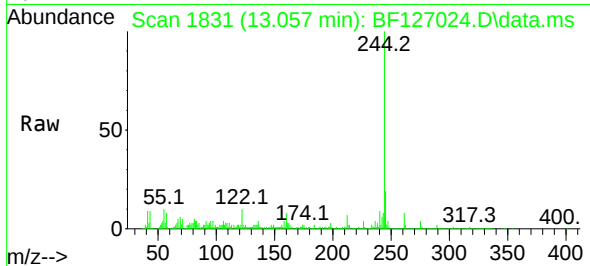




#79
 Terphenyl-d14
 Concen: 72.463 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. 0.018 min
 Lab File: BF127024.D
 Acq: 22 Feb 2022 22:41

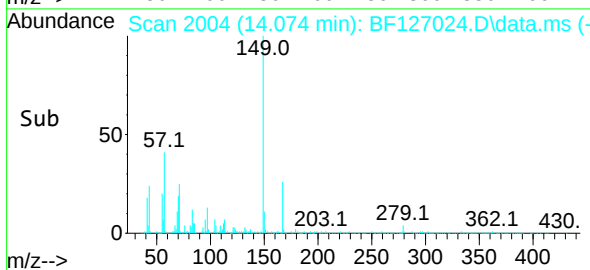
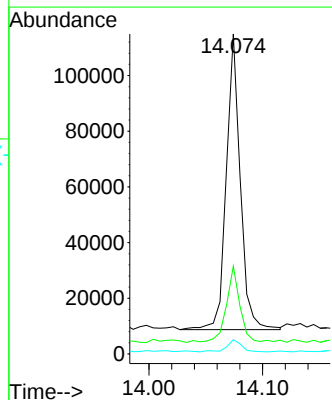
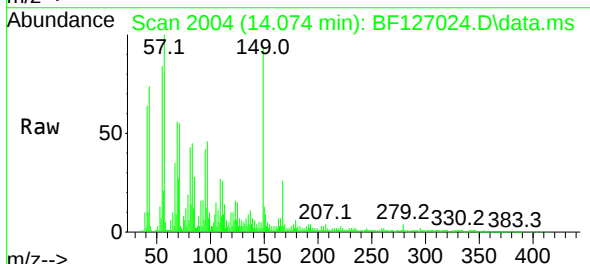
Instrument :
 BNA_F
 ClientSampleId :
 CC-A1

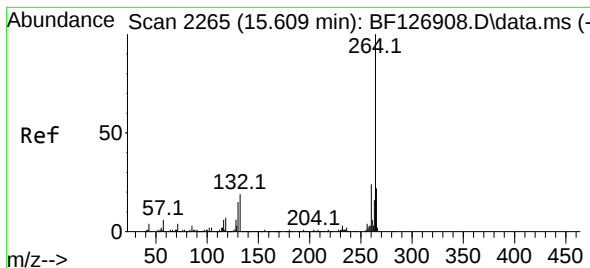
Tgt Ion:244 Resp: 592211
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.6 13.3 19.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.093 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. 0.012 min
 Lab File: BF127024.D
 Acq: 22 Feb 2022 22:41

Tgt Ion:149 Resp: 91424
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.2
 279 4.5 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

Instrument :

BNA_F

ClientSampleId :

CC-A1

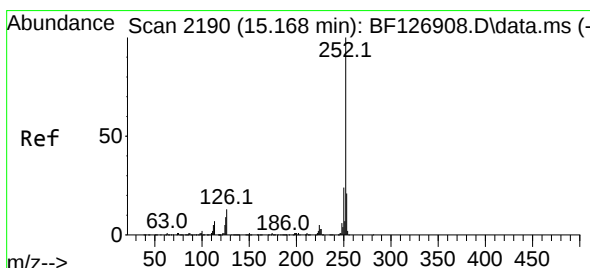
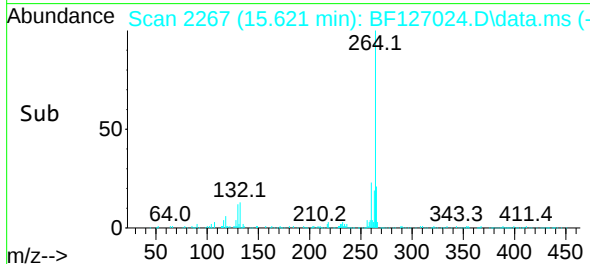
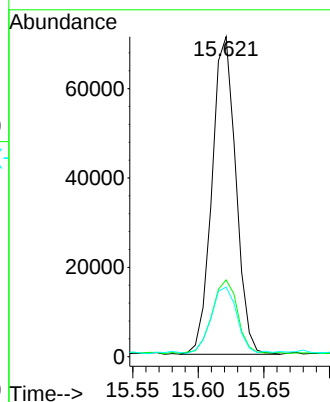
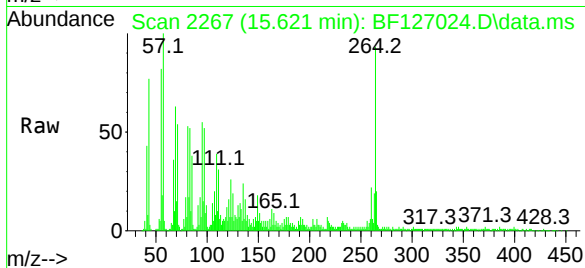
Tgt Ion:264 Resp: 90070

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.8 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.238 ng

RT: 15.168 min Scan# 2190

Delta R.T. 0.018 min

Lab File: BF127024.D

Acq: 22 Feb 2022 22:41

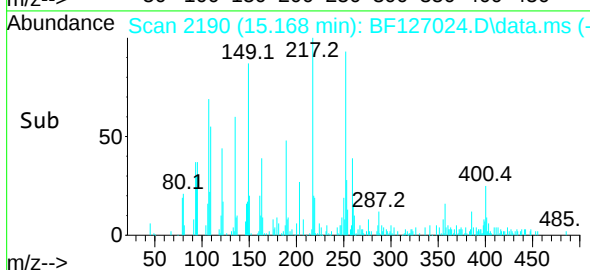
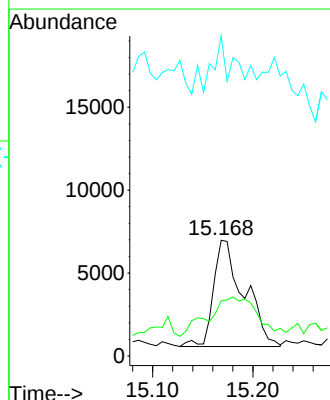
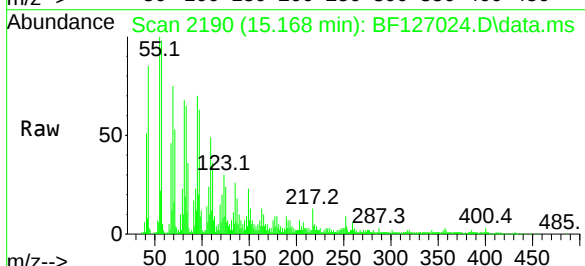
Tgt Ion:252 Resp: 13541

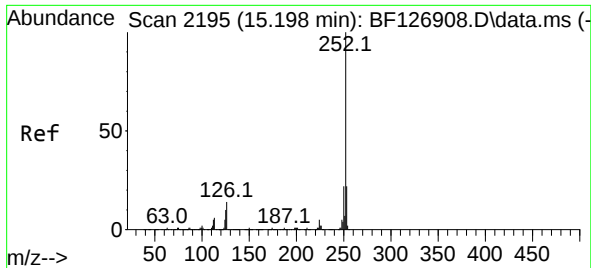
Ion Ratio Lower Upper

252 100

253 47.6 17.8 26.8#

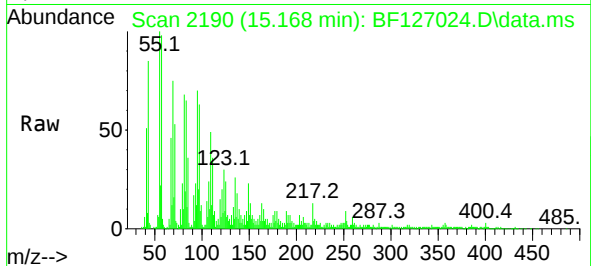
125 276.6 12.4 18.6#





#89
Benzo(k)fluoranthene
Concen: 2.321 ng
RT: 15.168 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127024.D
Acq: 22 Feb 2022 22:41

Instrument :
BNA_F
ClientSampleId :
CC-A1



Tgt Ion:252 Resp: 13541
Ion Ratio Lower Upper
252 100
253 47.6 17.5 26.3#
125 276.6 11.8 17.6#

