

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127623.D
 Acq On : 01 Apr 2022 20:30
 Operator : CG\JU
 Sample : N2220-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A10095

Quant Time: Apr 01 23:49:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

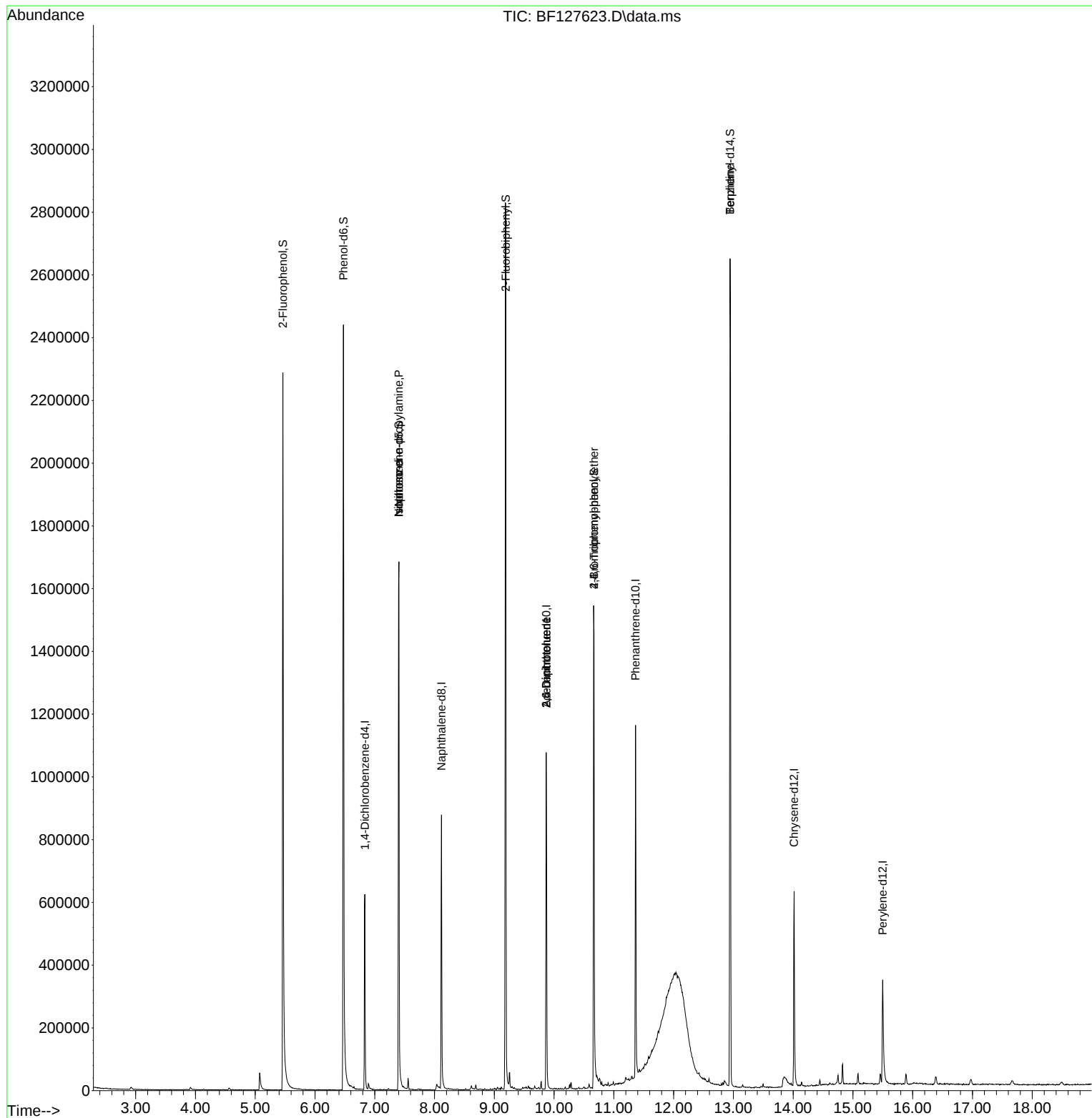
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	95567	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	362969	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	212998	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	378684	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	233059	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	183461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	607370	101.447	ng	0.00
7) Phenol-d6	6.475	99	834871	102.014	ng	0.00
23) Nitrobenzene-d5	7.404	82	576699	67.916	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	193127	85.117	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	970964	66.566	ng	0.00
79) Terphenyl-d14	12.945	244	981158	68.917	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1439	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	78274	15.956	ng	# 80
25) Isophorone	7.404	82	576693	42.641	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	26919	8.654	ng	# 17
55) Dibenzofuran	10.092	168	687	Below Cal	#	79
57) 2,4-Dinitrotoluene	9.869	165	26919	6.724	ng	# 14
58) Fluorene	10.663	166	8100	Below Cal	#	78
67) 4-Bromophenyl-phenylether	10.668	248	12960	2.931	ng	# 1
77) Benzidine	12.945	184	12678	2.281	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127623.D
Acq On : 01 Apr 2022 20:30
Operator : CG\JU
Sample : N2220-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A10095

Quant Time: Apr 01 23:49:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

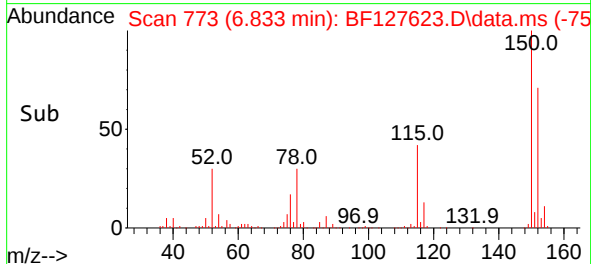
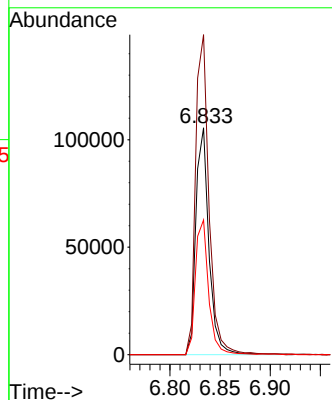
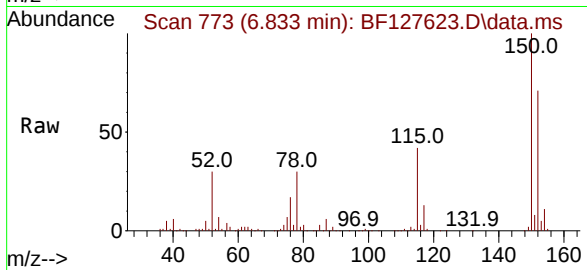




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

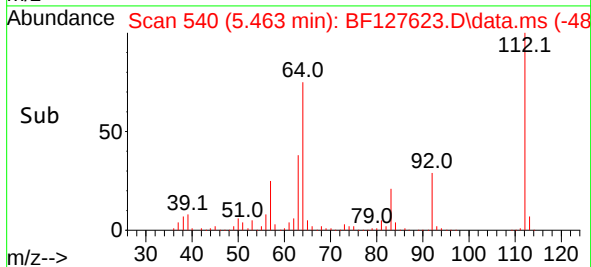
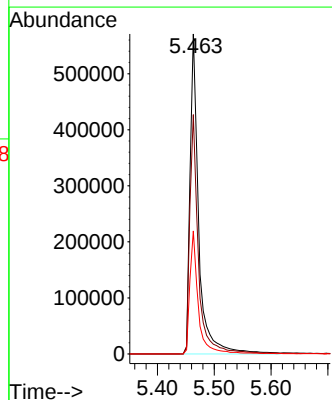
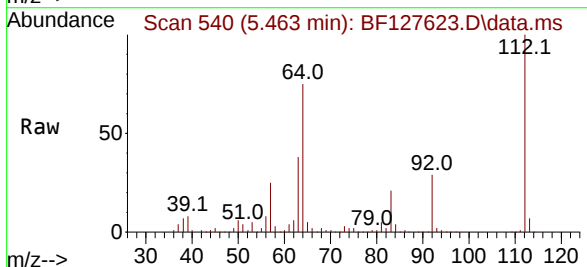
Instrument :
BNA_F
ClientSampleId :
A10095

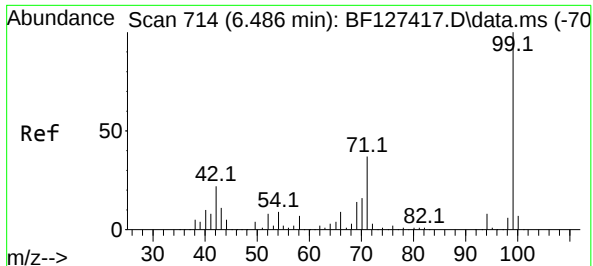
Tgt Ion:152 Resp: 95567
Ion Ratio Lower Upper
152 100
150 141.1 117.2 175.8
115 59.4 49.8 74.6



#5
2-Fluorophenol
Concen: 101.447 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

Tgt Ion:112 Resp: 607370
Ion Ratio Lower Upper
112 100
64 74.8 58.4 87.6
63 38.4 30.1 45.1

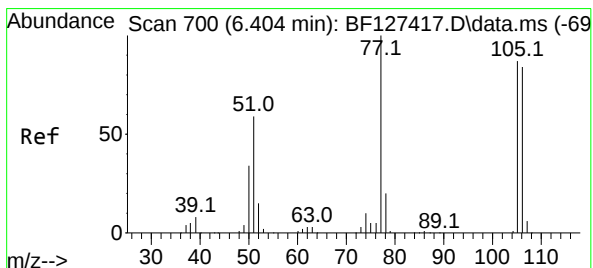
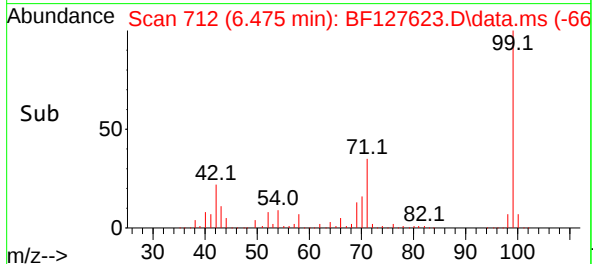
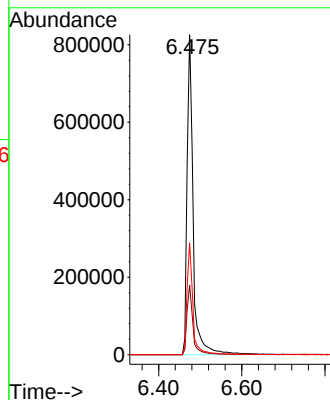
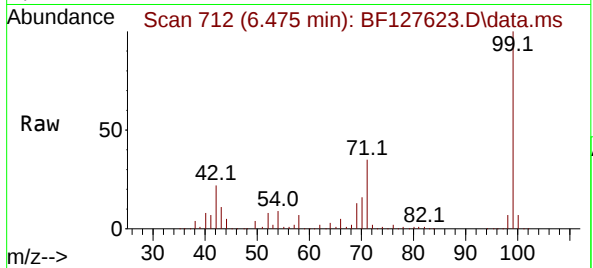




#7
Phenol-d6
Concen: 102.014 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

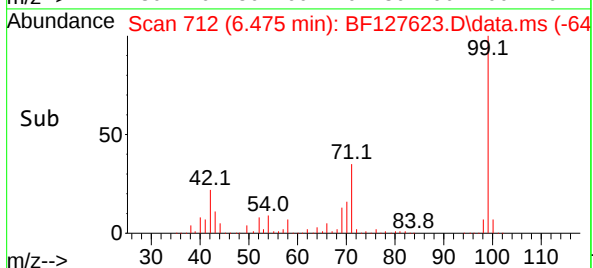
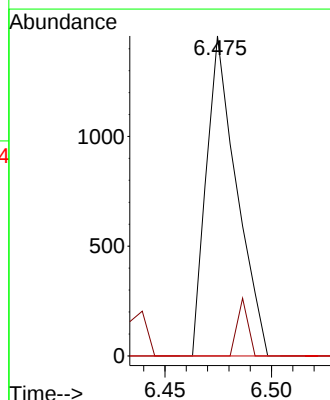
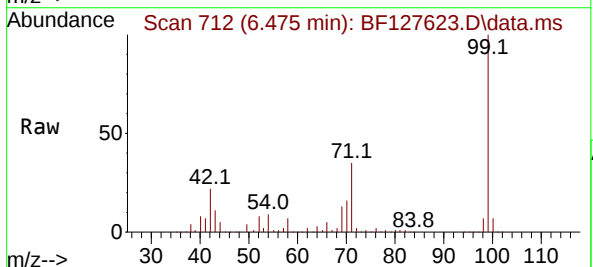
Instrument :
BNA_F
ClientSampleId :
A10095

Tgt Ion: 99 Resp: 834871
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 35.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

Tgt Ion: 77 Resp: 1439
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 15.956 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127623.D

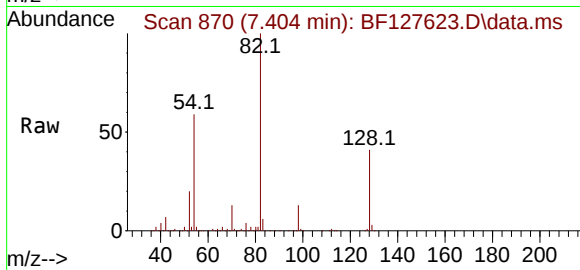
Acq: 01 Apr 2022 20:30

Instrument :

BNA_F

ClientSampleId :

A10095



Tgt Ion: 70 Resp: 78274

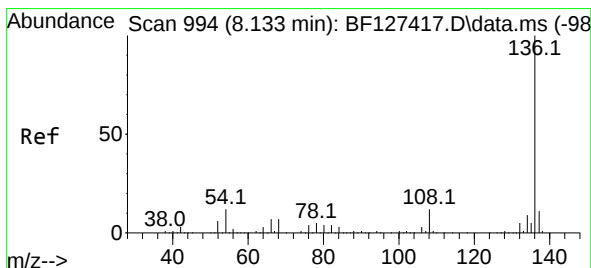
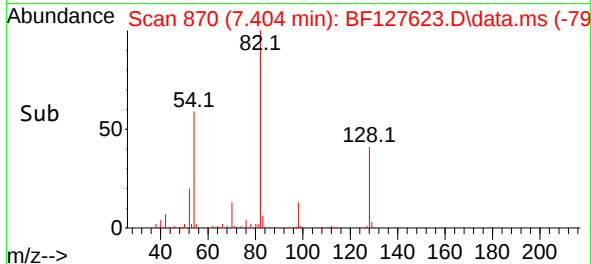
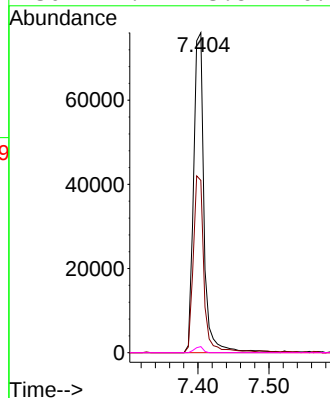
Ion Ratio Lower Upper

70 100

42 53.9 53.0 79.6

101 0.0 6.8 10.2#

130 1.9 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF127623.D

Acq: 01 Apr 2022 20:30

Tgt Ion: 136 Resp: 362969

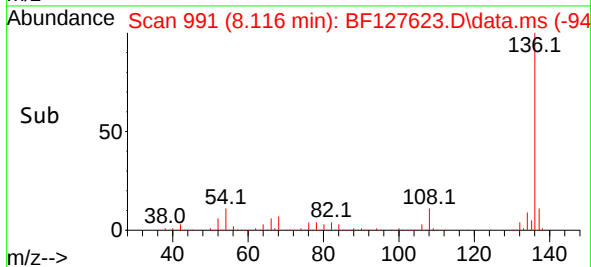
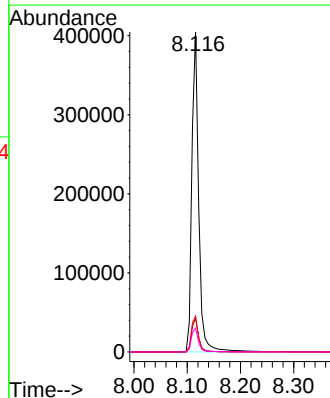
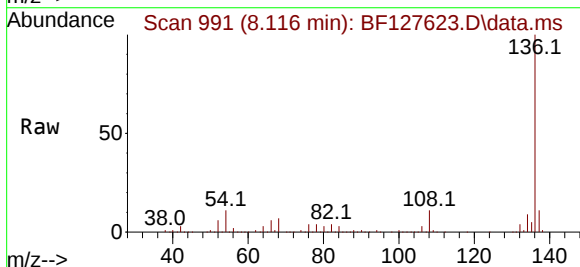
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 11.2 9.2 13.8

68 7.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 67.916 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127623.D

Acq: 01 Apr 2022 20:30

Instrument :

BNA_F

ClientSampleId :

A10095

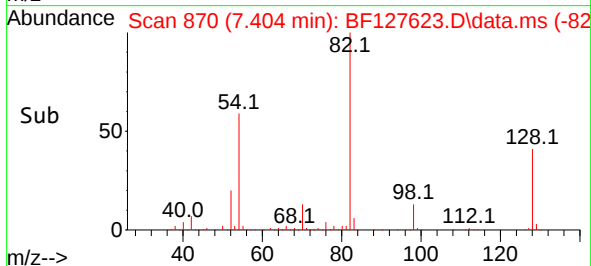
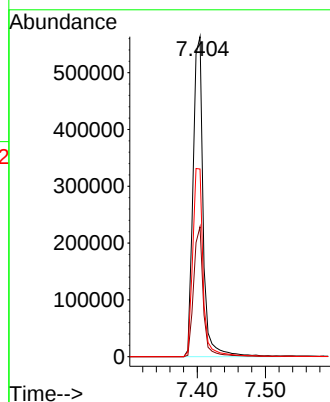
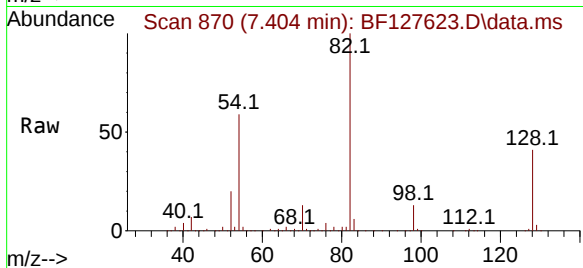
Tgt Ion: 82 Resp: 576699

Ion Ratio Lower Upper

82 100

128 40.6 30.6 45.8

54 58.7 48.2 72.2



#25

Isophorone

Concen: 42.641 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127623.D

Acq: 01 Apr 2022 20:30

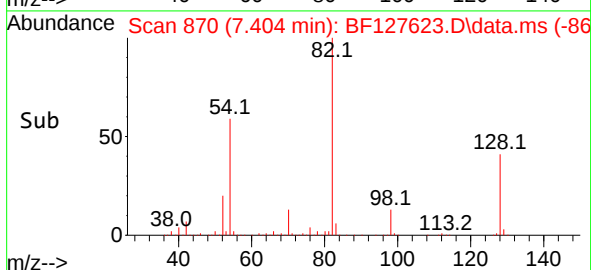
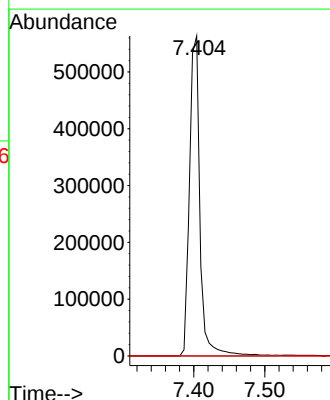
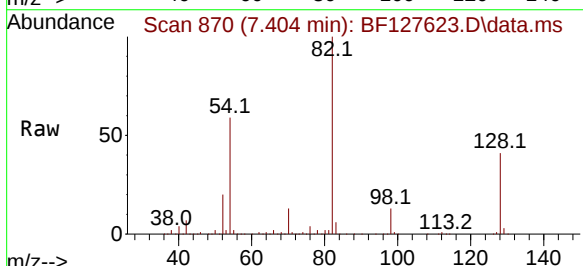
Tgt Ion: 82 Resp: 576693

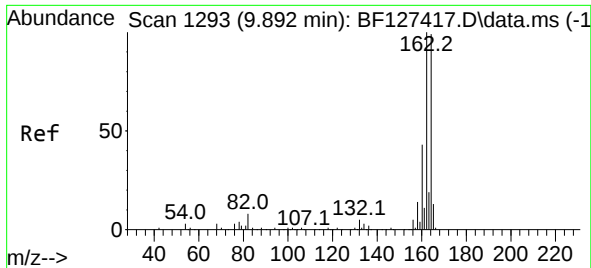
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

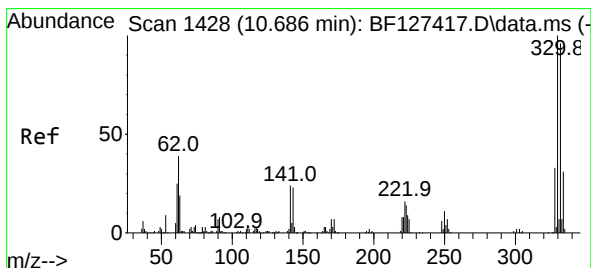
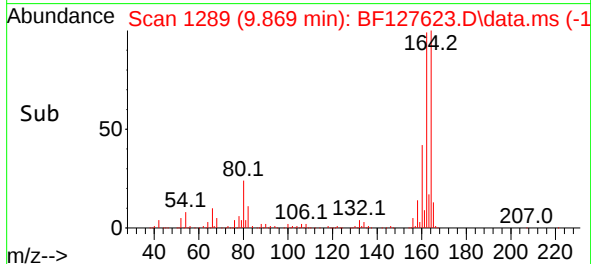
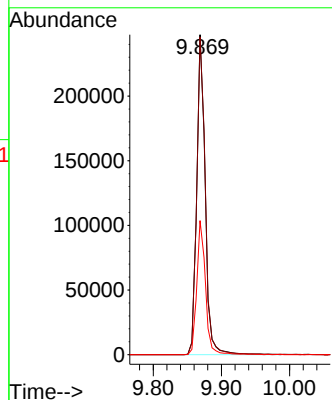
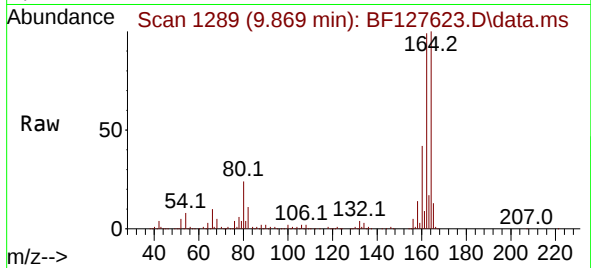




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

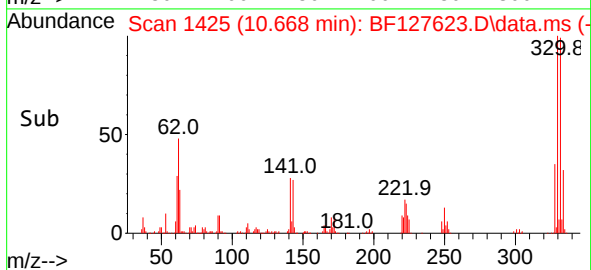
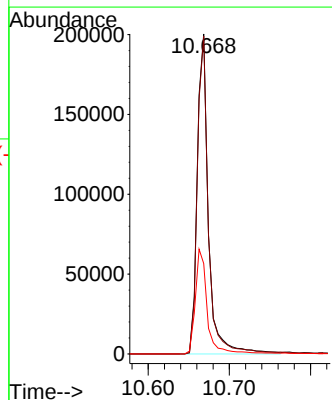
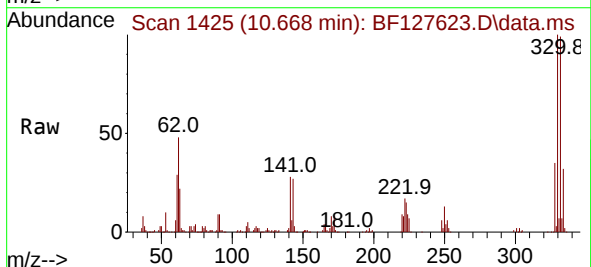
Instrument :
BNA_F
ClientSampleId :
A10095

Tgt Ion:164 Resp: 212998
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 41.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 85.117 ng
RT: 10.668 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

Tgt Ion:330 Resp: 193127
Ion Ratio Lower Upper
330 100
332 99.0 79.1 118.7
141 35.6 26.2 39.4

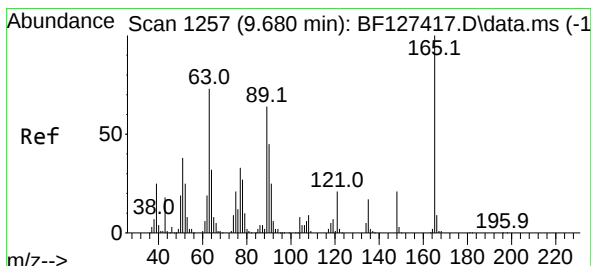
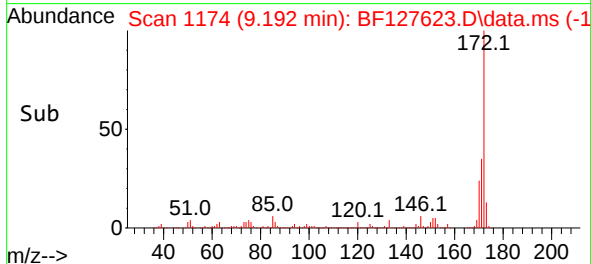
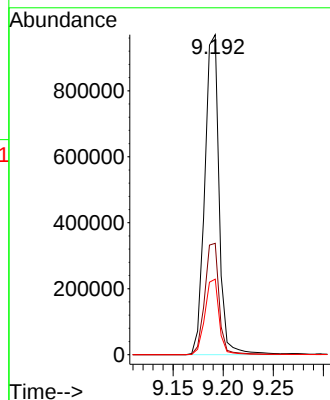
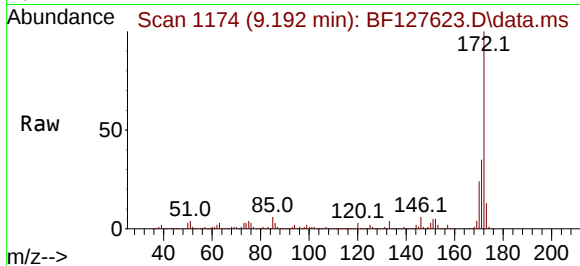




#45
2-Fluorobiphenyl
Concen: 66.566 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

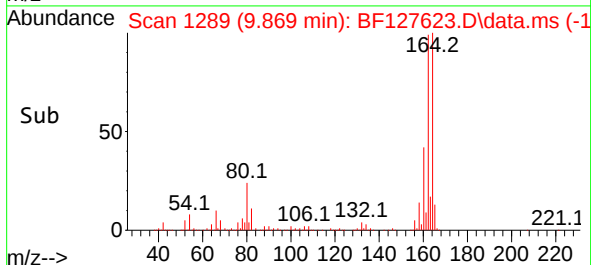
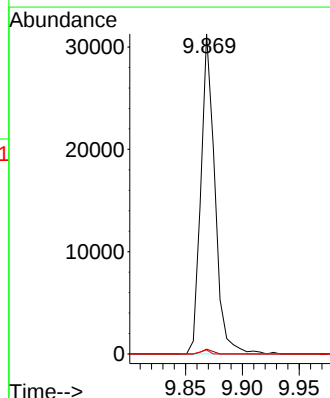
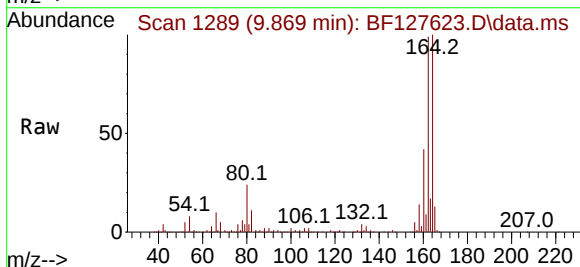
Instrument :
BNA_F
ClientSampleId :
A10095

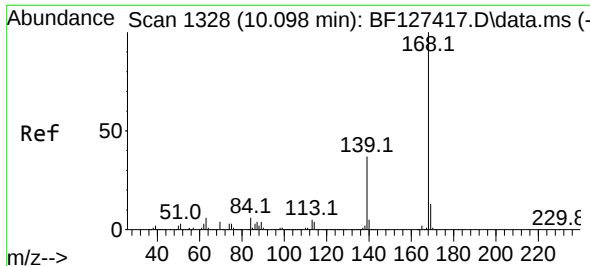
Tgt Ion:172 Resp: 970964
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.654 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

Tgt Ion:165 Resp: 26919
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.3 51.5 77.3#

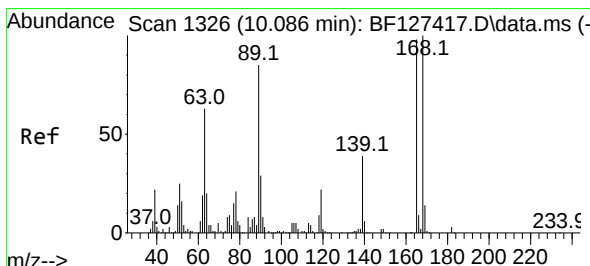
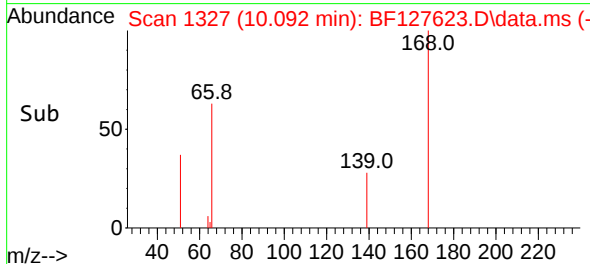
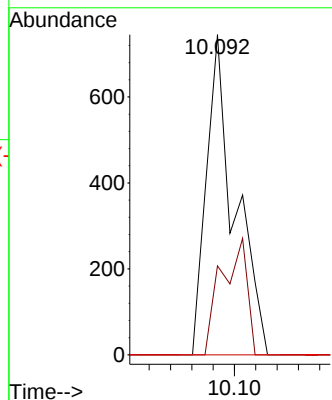
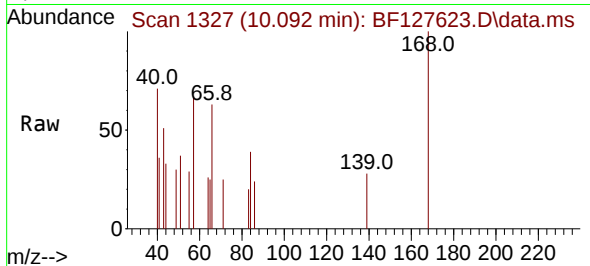




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 111
Delta R.T. 0.012 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

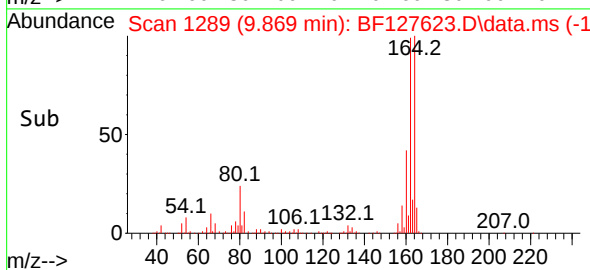
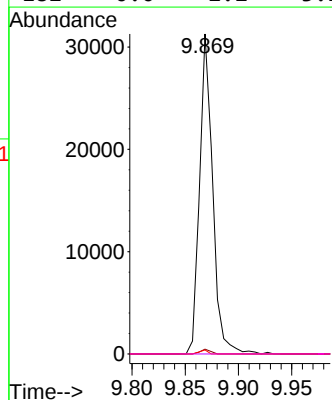
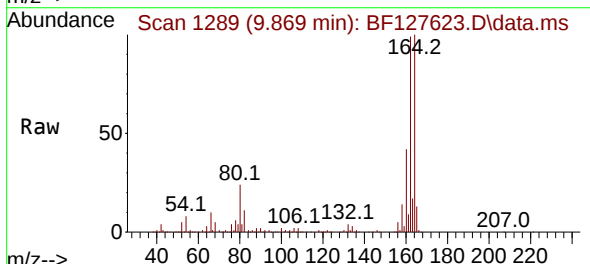
Instrument :
BNA_F
ClientSampleId :
A10095

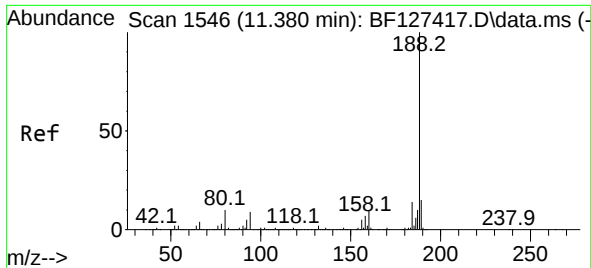
Tgt Ion:168 Resp: 687
Ion Ratio Lower Upper
168 100
139 27.8 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.724 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

Tgt Ion:165 Resp: 26919
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#

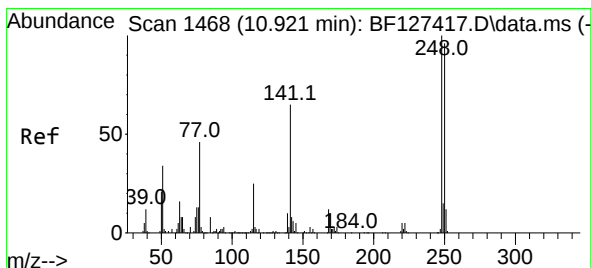
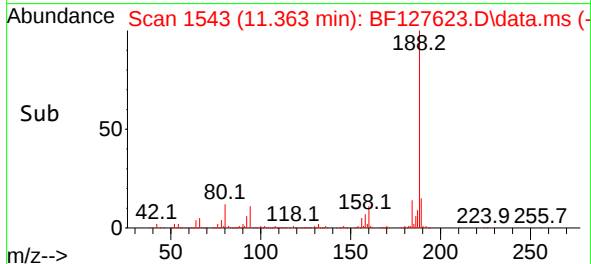
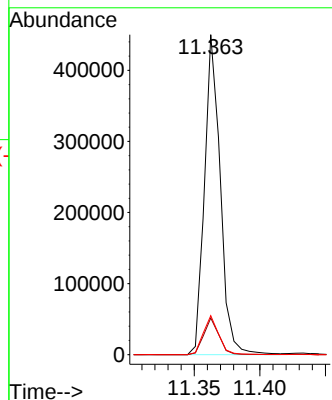
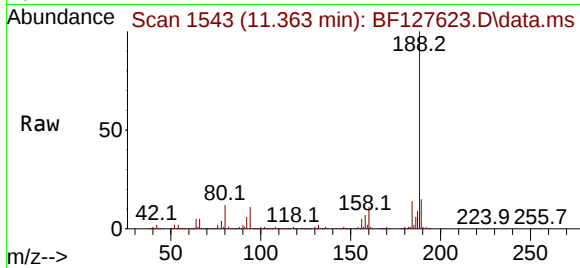




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

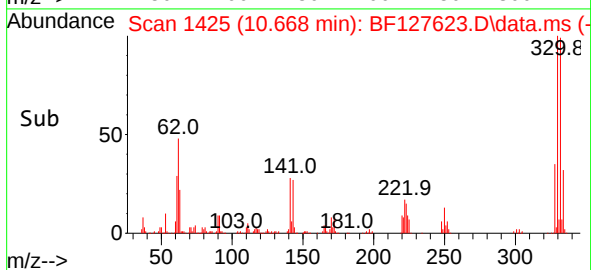
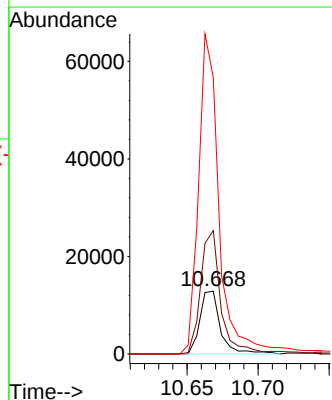
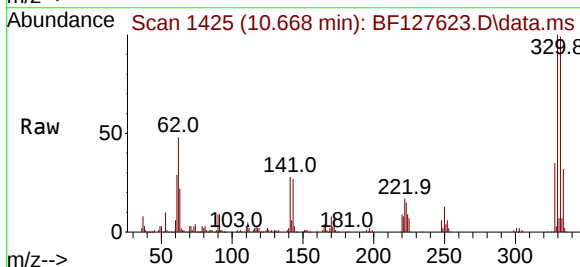
Instrument :
BNA_F
ClientSampleId :
A10095

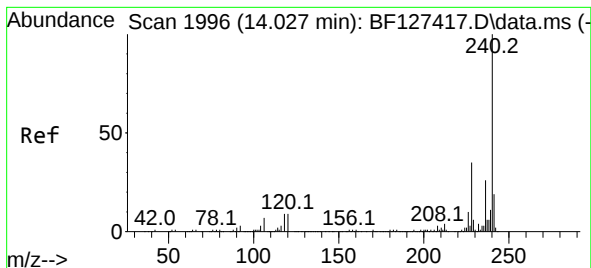
Tgt Ion:188 Resp: 378684
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.0#
80 12.2 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 2.931 ng
RT: 10.668 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127623.D
Acq: 01 Apr 2022 20:30

Tgt Ion:248 Resp: 12960
Ion Ratio Lower Upper
248 100
250 196.9 76.6 115.0#
141 440.7 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF127623.D

Acq: 01 Apr 2022 20:30

Instrument :

BNA_F

ClientSampleId :

A10095

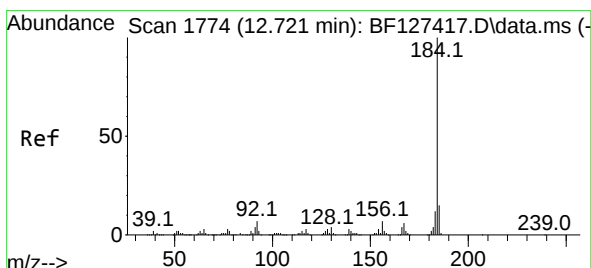
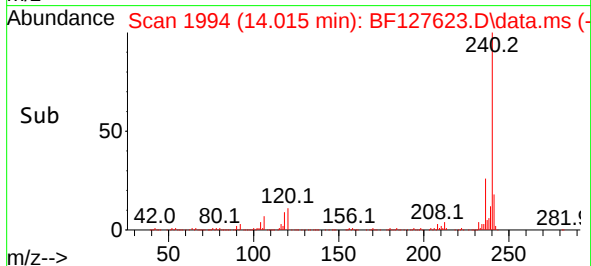
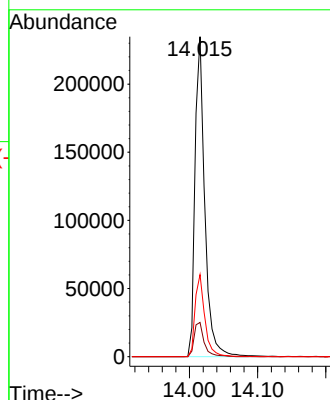
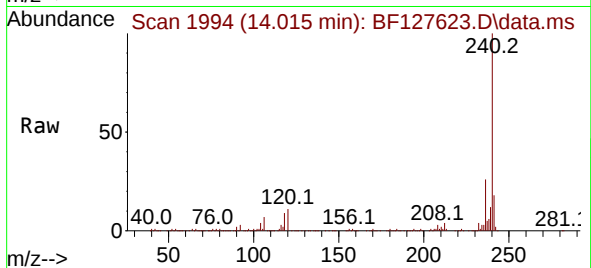
Tgt Ion:240 Resp: 233059

Ion Ratio Lower Upper

240 100

120 10.7 7.1 10.7#

236 25.7 20.7 31.1



#77

Benidine

Concen: 2.281 ng

RT: 12.945 min Scan# 1812

Delta R.T. 0.235 min

Lab File: BF127623.D

Acq: 01 Apr 2022 20:30

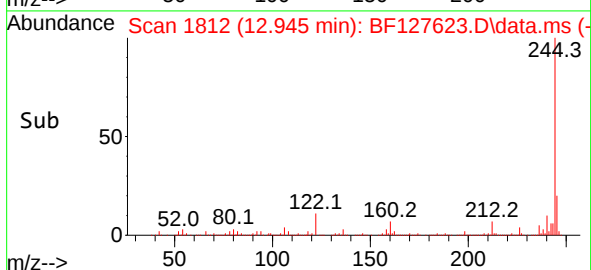
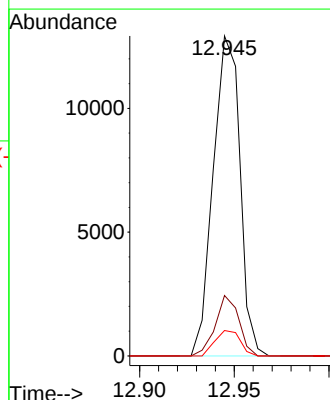
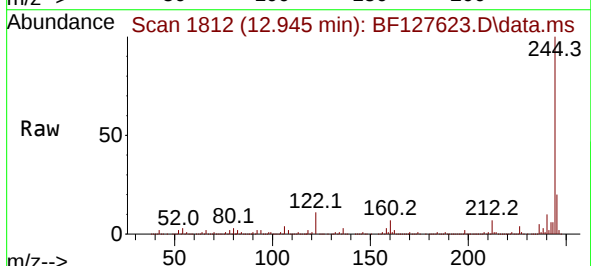
Tgt Ion:184 Resp: 12678

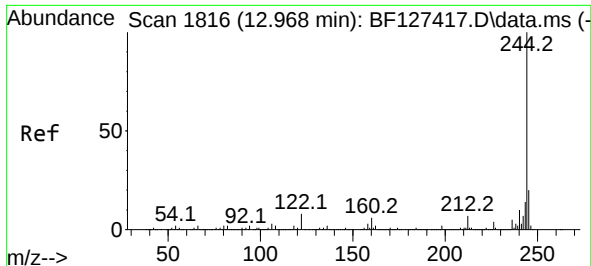
Ion Ratio Lower Upper

184 100

185 18.9 12.2 18.2#

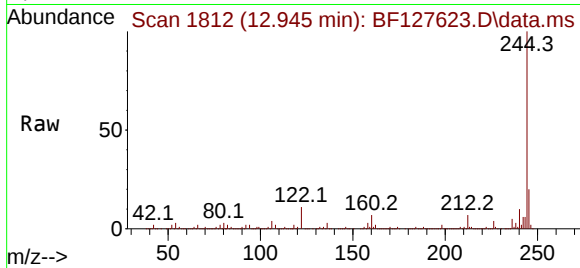
183 7.9 9.4 14.0#



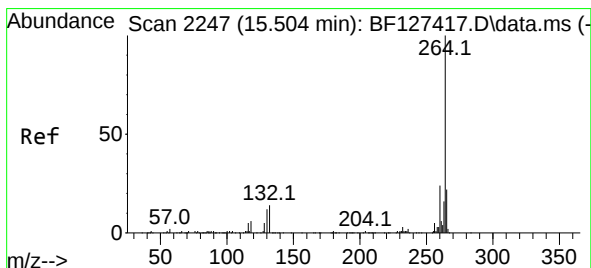
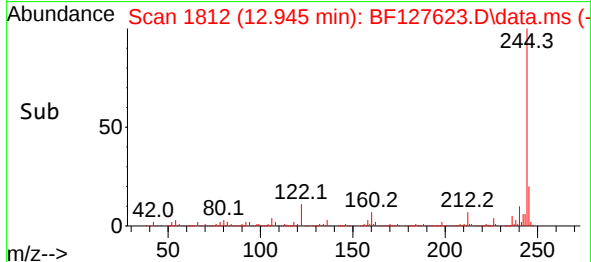
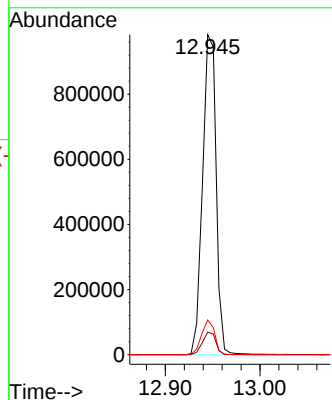


#79
 Terphenyl-d14
 Concen: 68.917 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127623.D
 Acq: 01 Apr 2022 20:30

Instrument :
 BNA_F
 ClientSampleId :
 A10095



Tgt Ion:244 Resp: 981158
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127623.D
 Acq: 01 Apr 2022 20:30

Tgt Ion:264 Resp: 183461
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 20.6 17.4 26.2

