

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127759.D
 Acq On : 12 Apr 2022 15:34
 Operator : CG\JU
 Sample : N2340-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-14.5-15.0

Quant Time: Apr 13 07:24:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

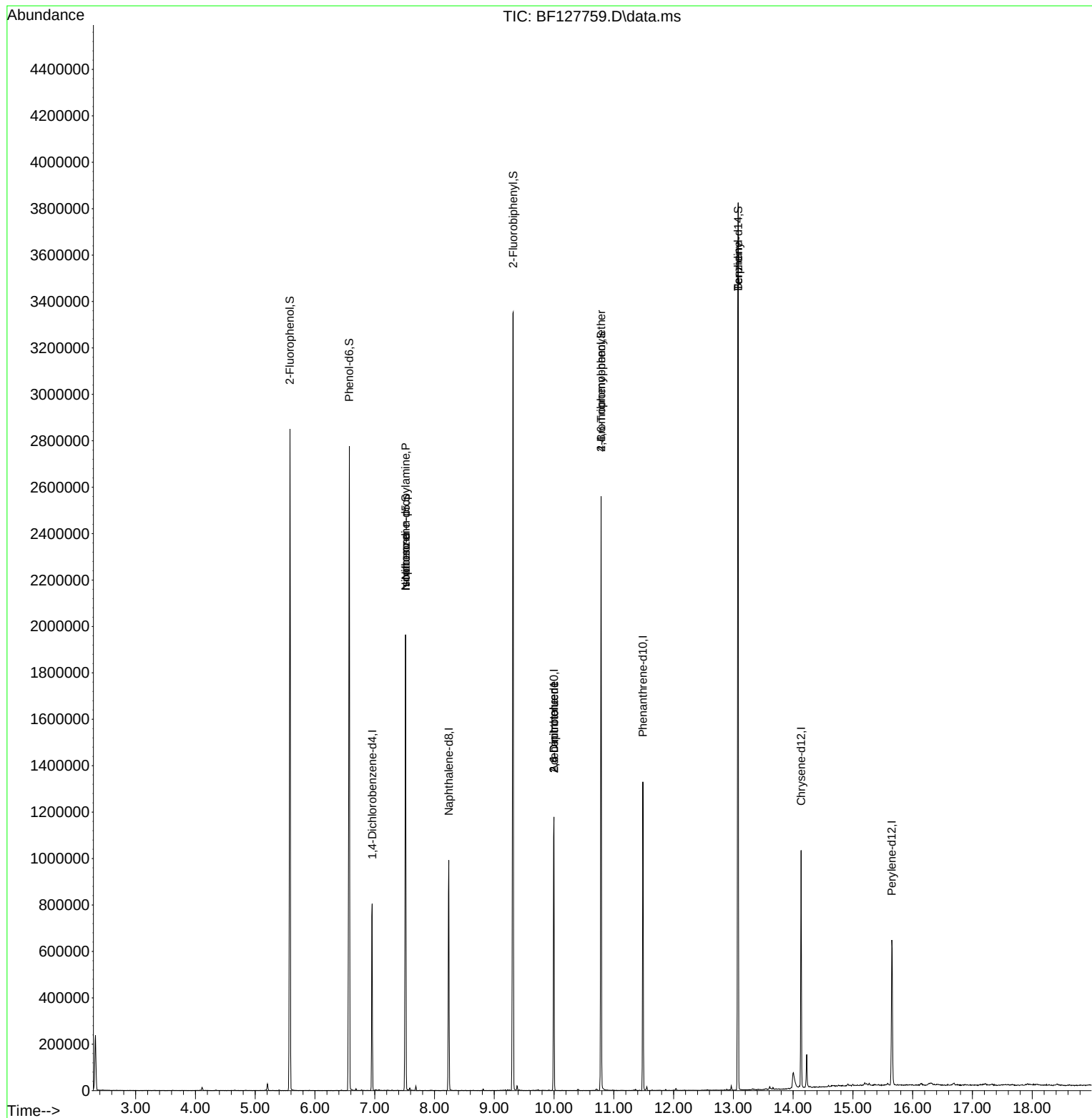
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	118355	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	434786	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	247535	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	466654	20.000	ng	0.00
76) Chrysene-d12	14.133	240	338317	20.000	ng	0.00
86) Perylene-d12	15.651	264	306494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	735651	100.998	ng	0.00
7) Phenol-d6	6.575	99	933377	97.953	ng	0.00
23) Nitrobenzene-d5	7.516	82	648852	66.531	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	287824	109.267	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1165346	66.600	ng	0.00
79) Terphenyl-d14	13.080	244	1372623	66.968	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	1640	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	88271	14.323	ng	# 75
25) Isophorone	7.516	82	647155	38.028	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	31477	9.307	ng	# 18
57) 2,4-Dinitrotoluene	9.998	165	31477	7.507	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	18287	3.229	ng	# 1
77) Benizidine	13.080	184	19277	2.183	ng	# 92

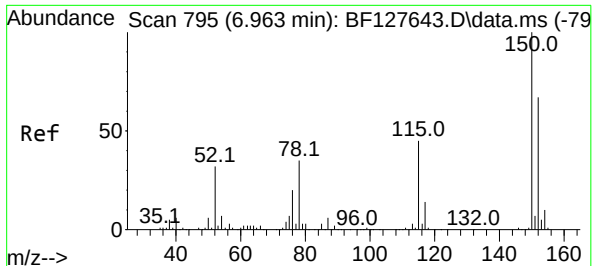
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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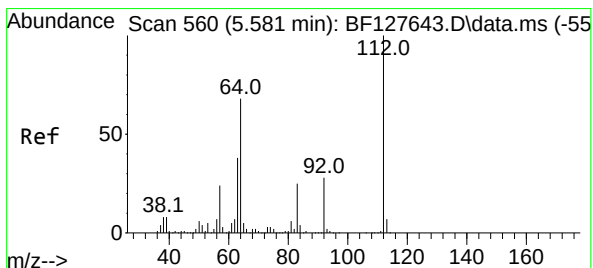
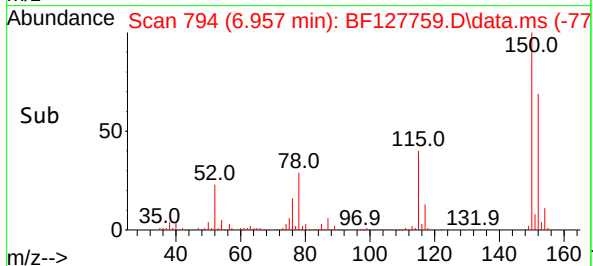
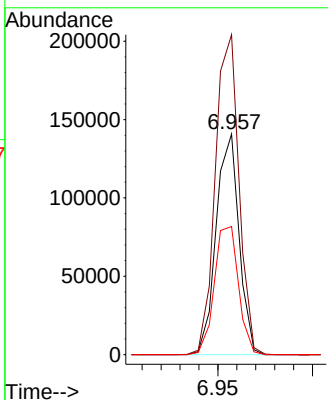
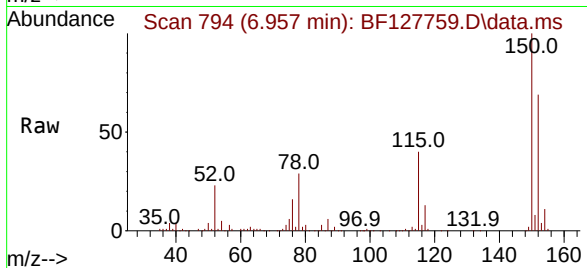




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127759.D
 Acq: 12 Apr 2022 15:34

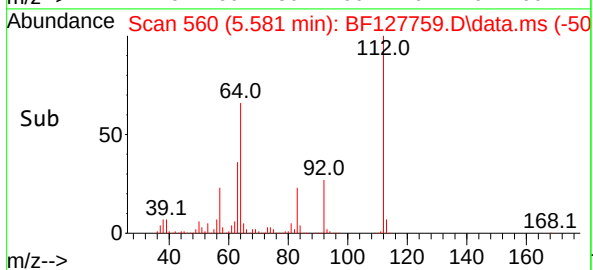
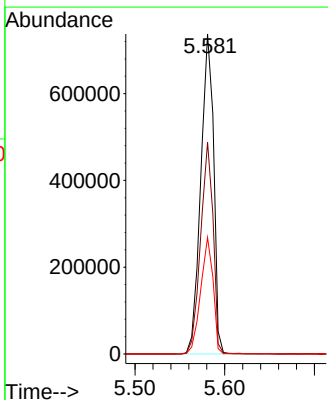
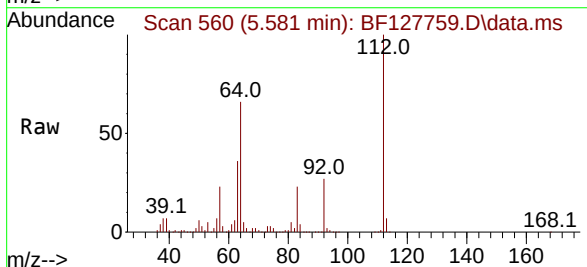
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-14.5-15.0

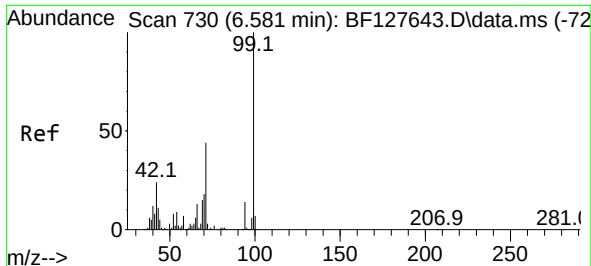
Tgt Ion:152 Resp: 118355
 Ion Ratio Lower Upper
 152 100
 150 145.0 117.2 175.8
 115 58.1 49.8 74.6



#5
 2-Fluorophenol
 Concen: 100.998 ng
 RT: 5.581 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BF127759.D
 Acq: 12 Apr 2022 15:34

Tgt Ion:112 Resp: 735651
 Ion Ratio Lower Upper
 112 100
 64 66.2 58.4 87.6
 63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 97.953 ng

RT: 6.575 min Scan# 729

Delta R.T. -0.006 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

Instrument :

BNA_F

ClientSampleId :

SB-04-14.5-15.0

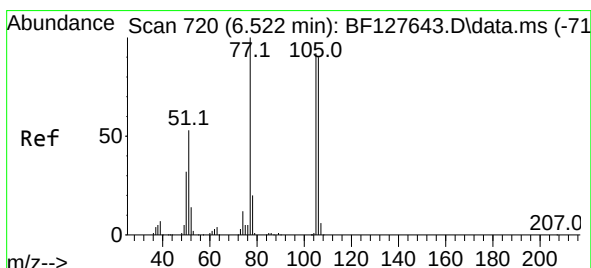
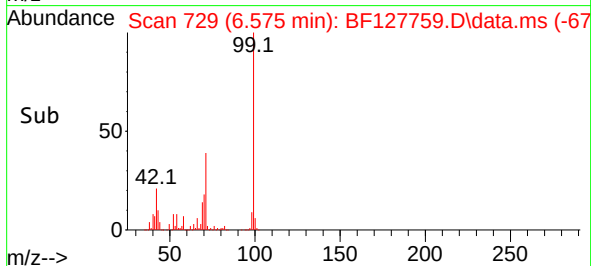
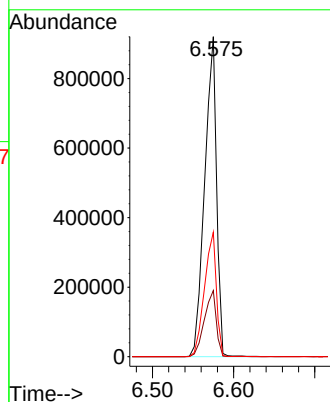
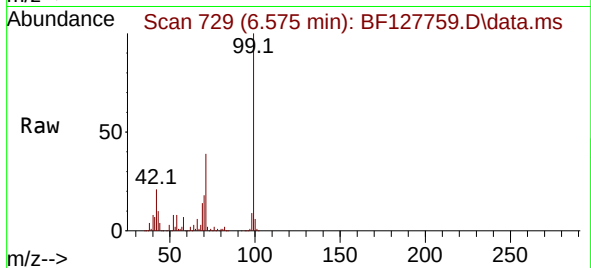
Tgt Ion: 99 Resp: 933377

Ion Ratio Lower Upper

99 100

42 20.6 17.8 26.6

71 38.9 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 729

Delta R.T. 0.059 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

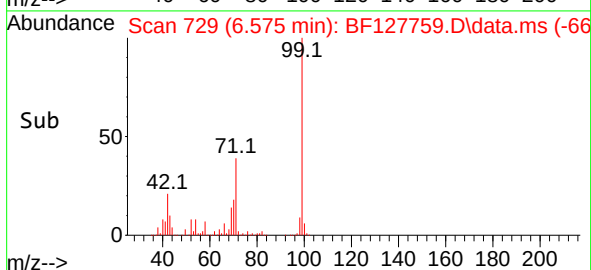
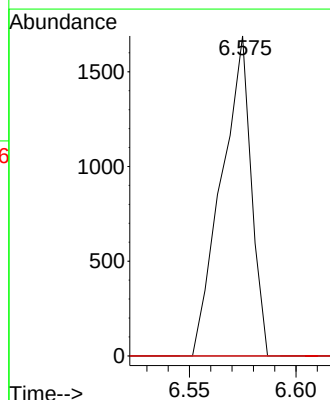
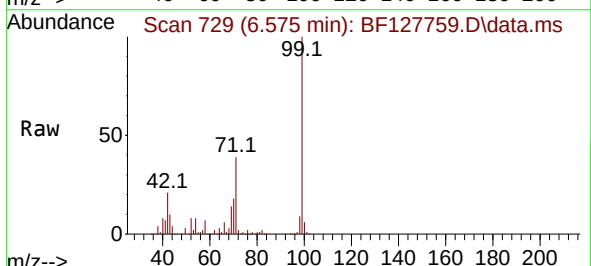
Tgt Ion: 77 Resp: 1640

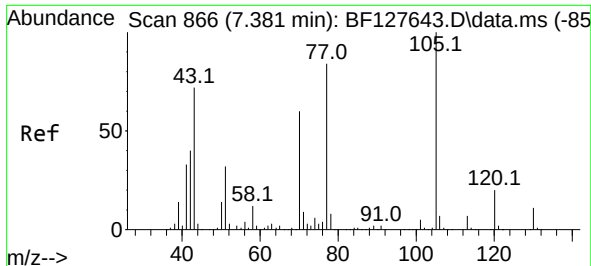
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 14.323 ng

RT: 7.516 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127759.D

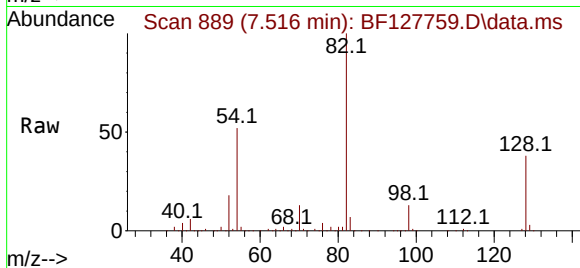
Acq: 12 Apr 2022 15:34

Instrument :

BNA_F

ClientSampleId :

SB-04-14.5-15.0



Tgt Ion: 70 Resp: 88271

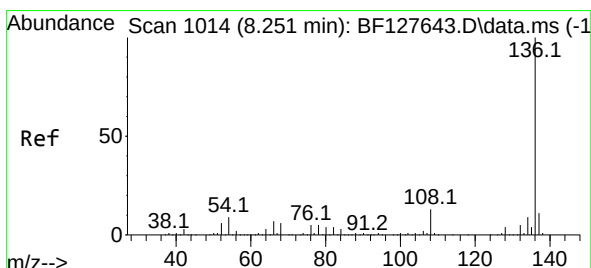
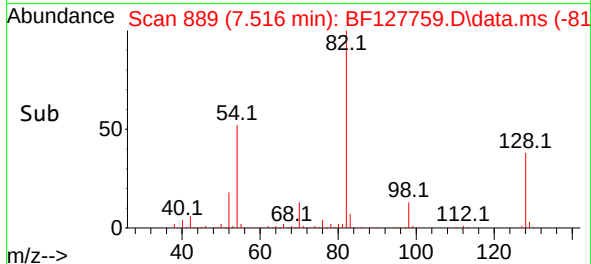
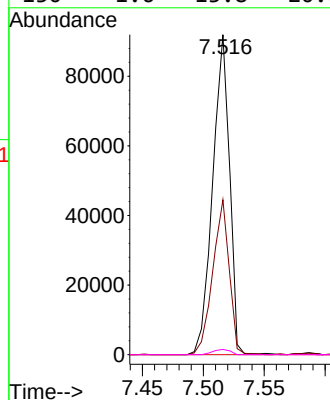
Ion Ratio Lower Upper

70 100

42 48.4 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

Tgt Ion: 136 Resp: 434786

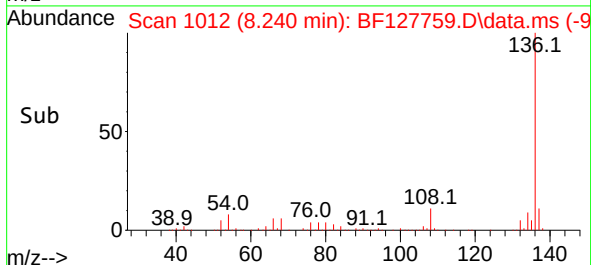
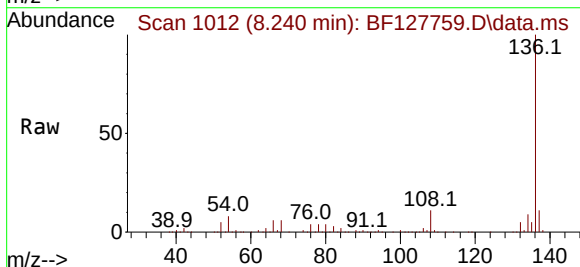
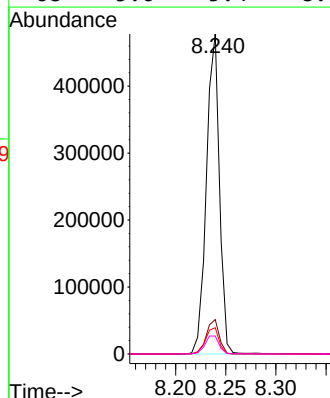
Ion Ratio Lower Upper

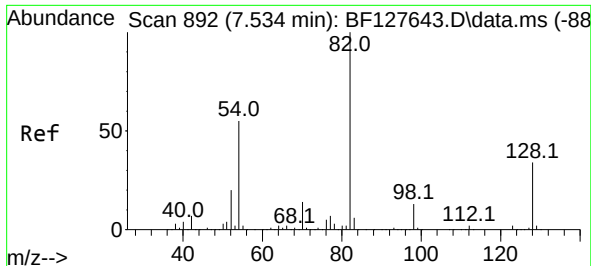
136 100

137 10.8 8.6 13.0

54 8.2 9.2 13.8#

68 5.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 66.531 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

Instrument :

BNA_F

ClientSampleId :

SB-04-14.5-15.0

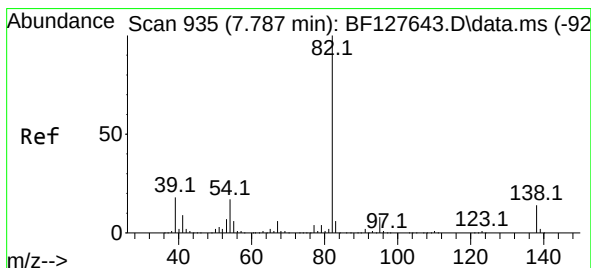
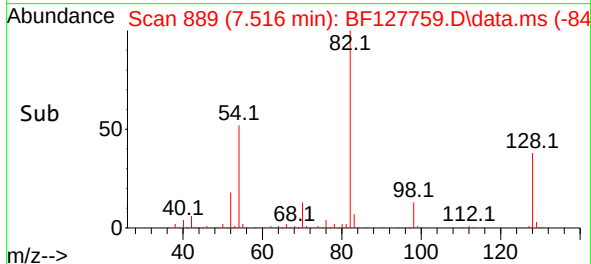
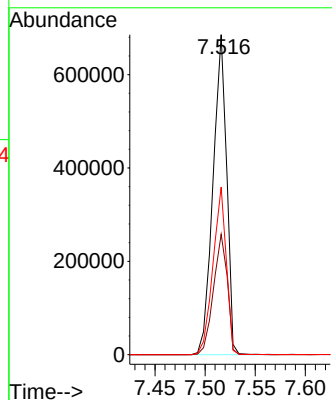
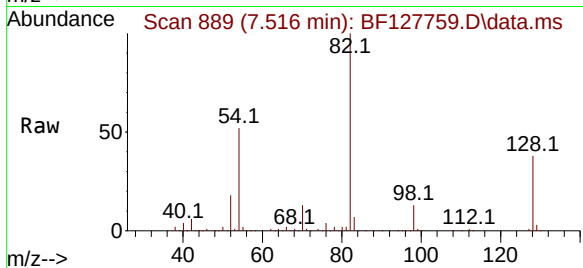
Tgt Ion: 82 Resp: 648852

Ion Ratio Lower Upper

82 100

128 37.6 30.6 45.8

54 52.3 48.2 72.2



#25

Isophorone

Concen: 38.028 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.265 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

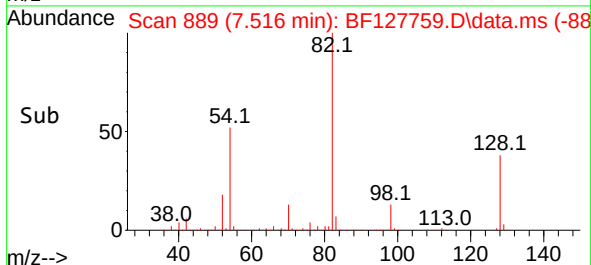
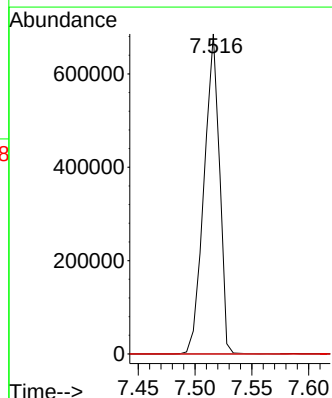
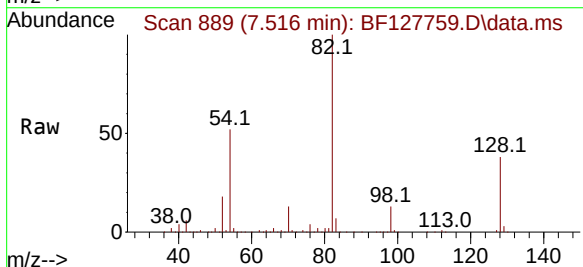
Tgt Ion: 82 Resp: 647155

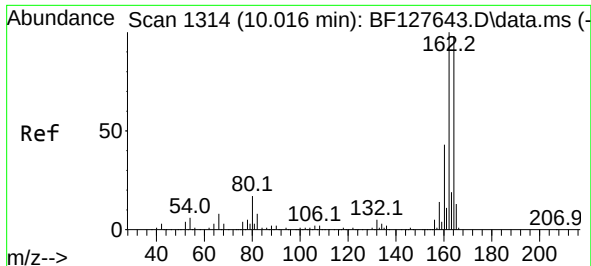
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

Instrument :

BNA_F

ClientSampleId :

SB-04-14.5-15.0

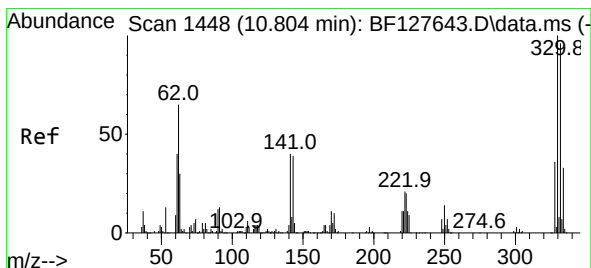
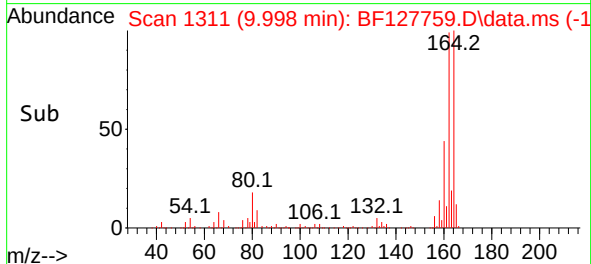
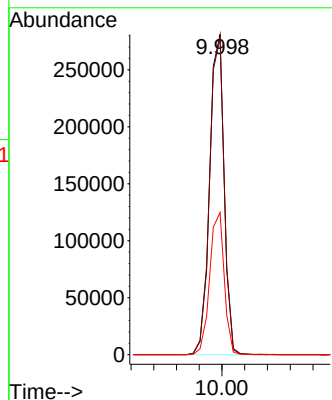
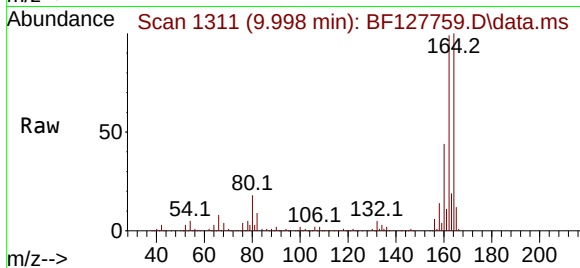
Tgt Ion:164 Resp: 247535

Ion Ratio Lower Upper

164 100

162 99.0 81.2 121.8

160 44.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 109.267 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

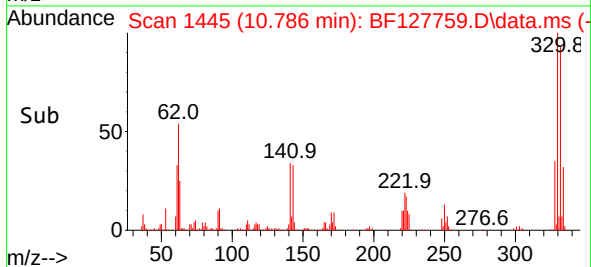
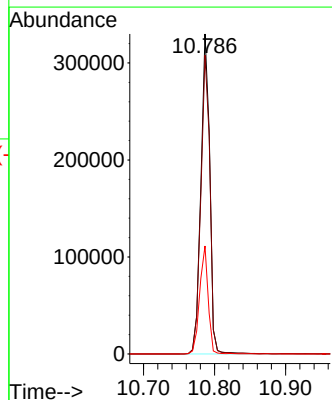
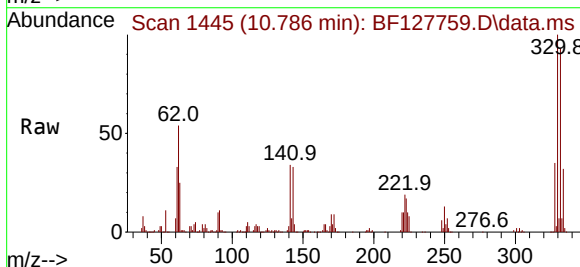
Tgt Ion:330 Resp: 287824

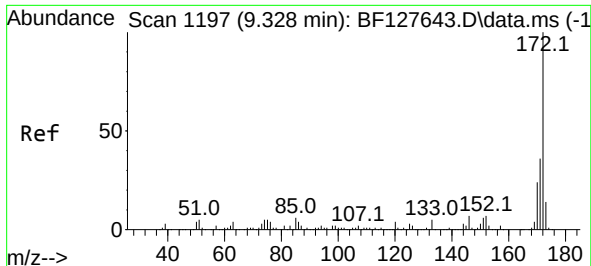
Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

141 32.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 66.600 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

Instrument :

BNA_F

ClientSampleId :

SB-04-14.5-15.0

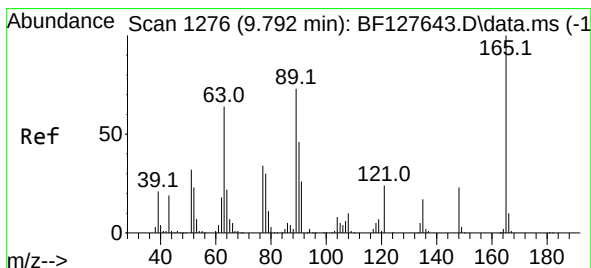
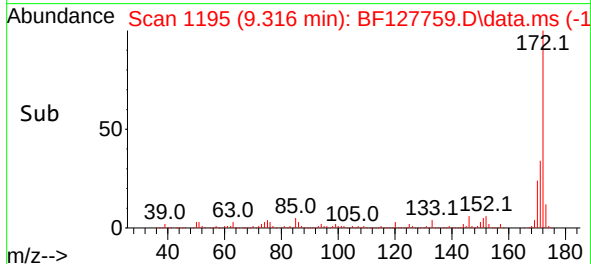
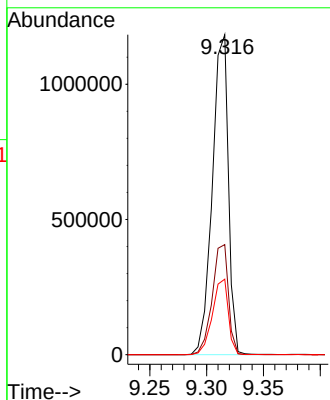
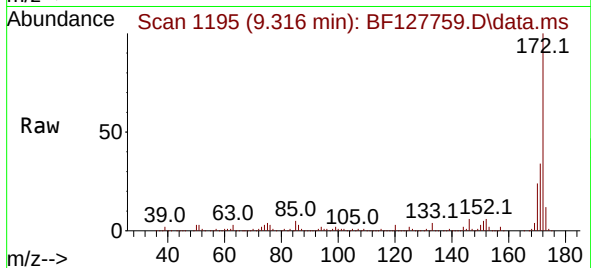
Tgt Ion:172 Resp: 1165346

Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 23.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.307 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127759.D

Acq: 12 Apr 2022 15:34

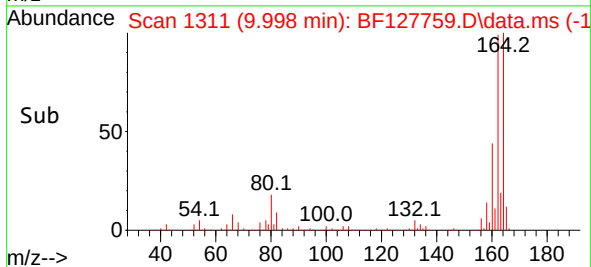
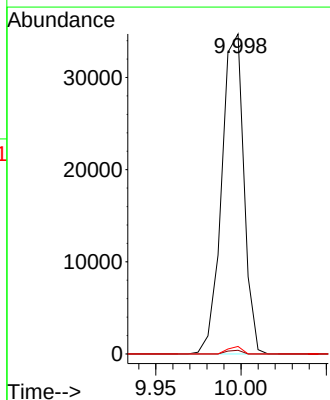
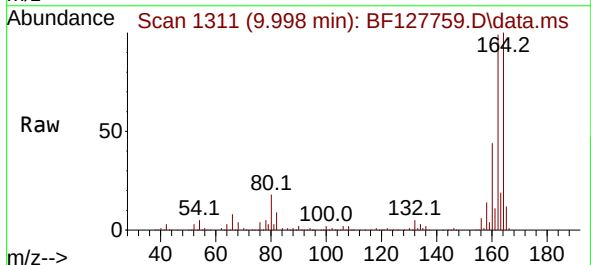
Tgt Ion:165 Resp: 31477

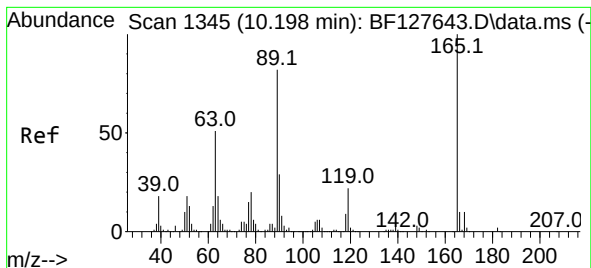
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

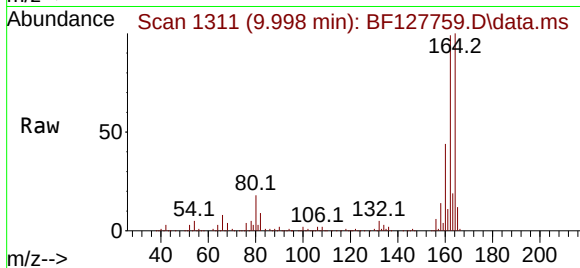
89 2.4 51.5 77.3#



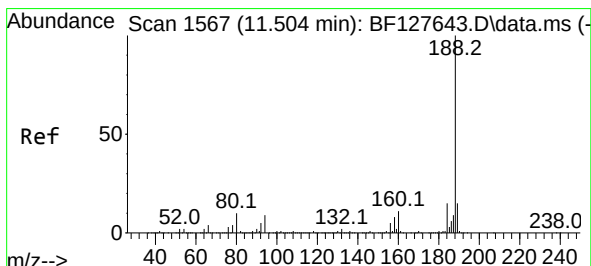
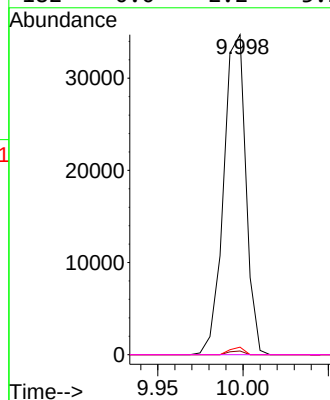
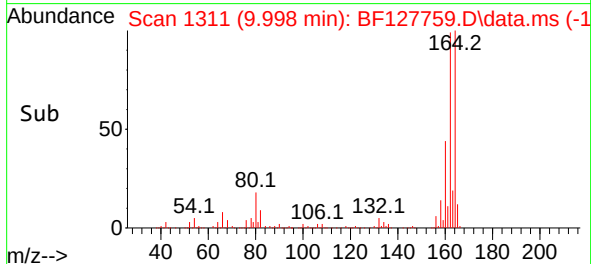


#57
2,4-Dinitrotoluene
Concen: 7.507 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

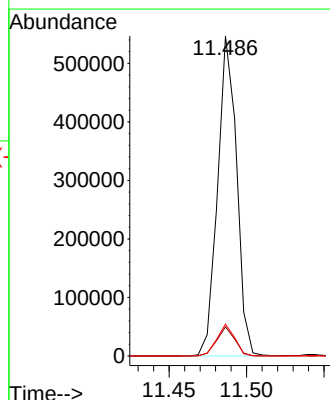
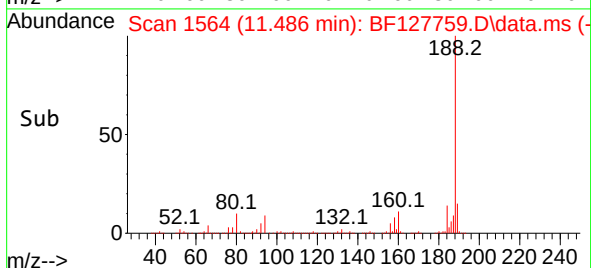
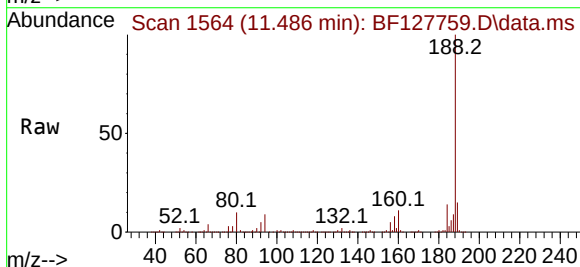


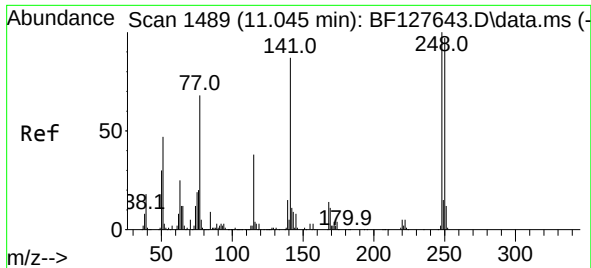
Tgt Ion:165 Resp: 31477
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 2.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

Tgt Ion:188 Resp: 466654
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 9.9 8.0 12.0

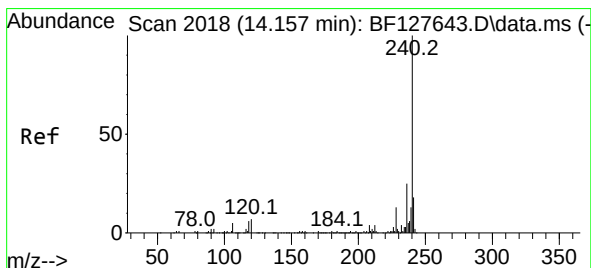
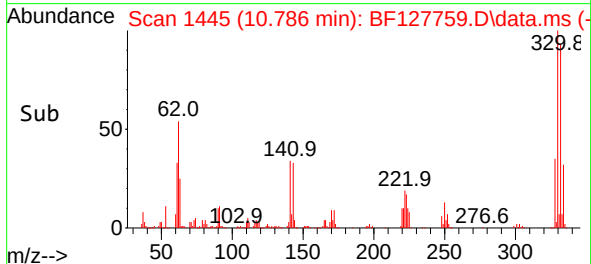
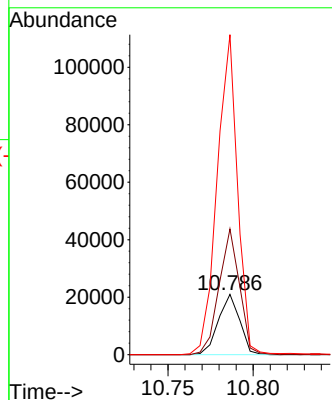
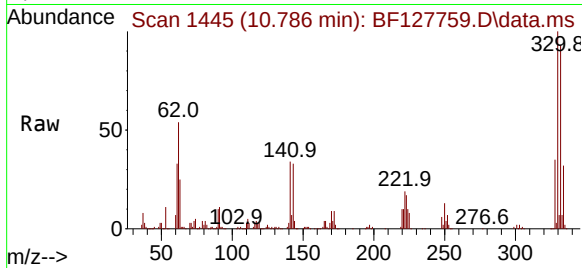




#67
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

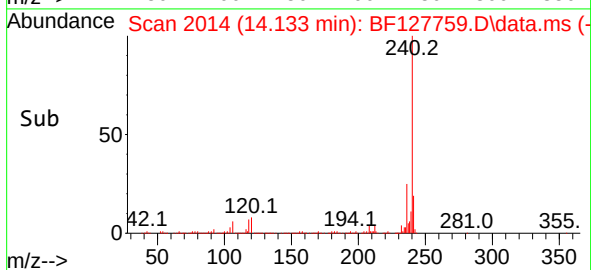
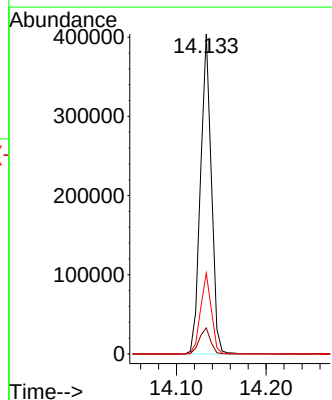
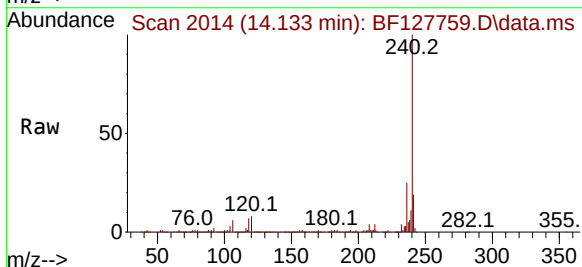
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

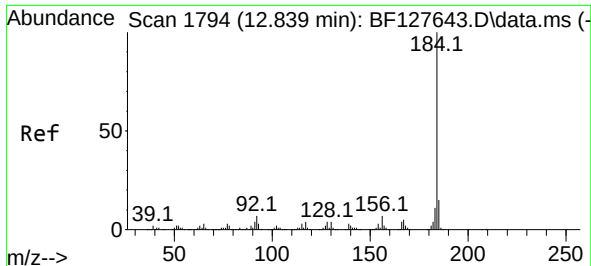
Tgt Ion:248 Resp: 18287
Ion Ratio Lower Upper
248 100
250 208.4 76.6 115.0#
141 530.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

Tgt Ion:240 Resp: 338317
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.3 20.7 31.1

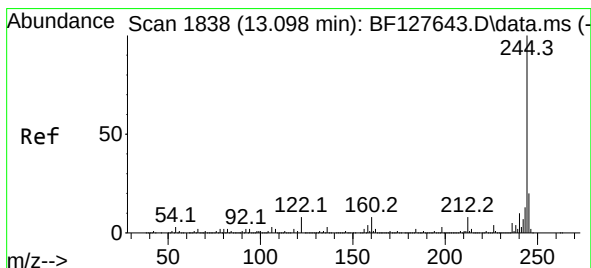
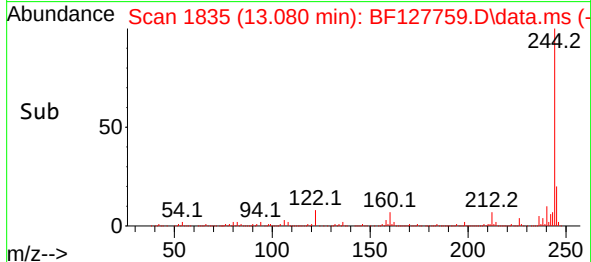
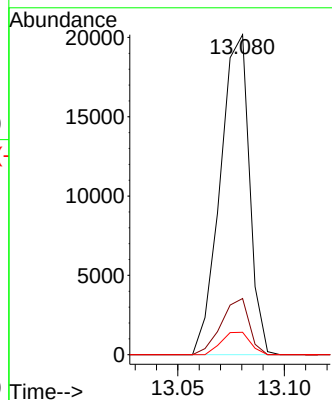
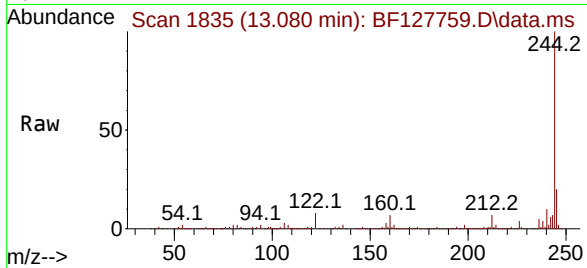




#77
Benzidine
Concen: 2.183 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

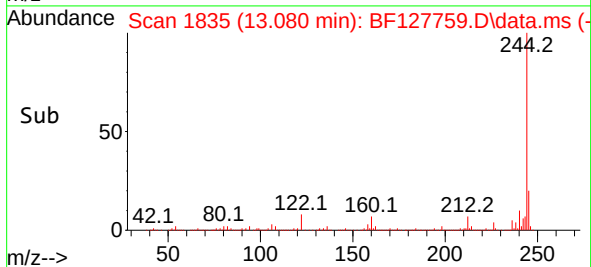
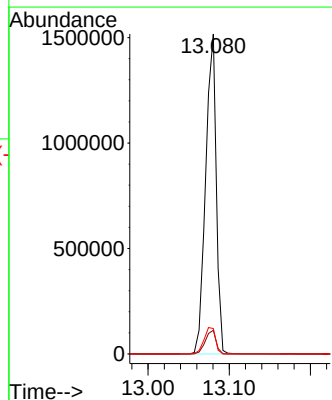
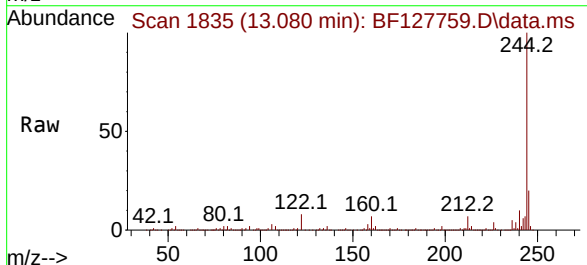
Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

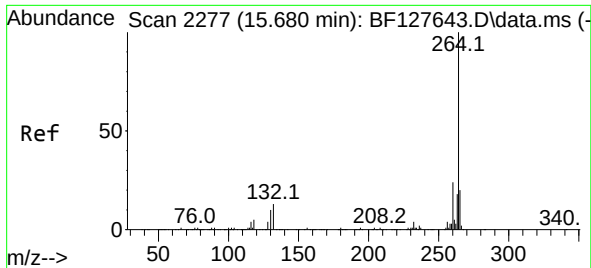
Tgt Ion:184 Resp: 19277
Ion Ratio Lower Upper
184 100
185 17.5 12.2 18.2
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.968 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

Tgt Ion:244 Resp: 1372623
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.0 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127759.D
Acq: 12 Apr 2022 15:34

Instrument :
BNA_F
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion:264 Resp: 306494

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.4	17.4	26.2

