

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127758.D
 Acq On : 12 Apr 2022 15:05
 Operator : CG\JU
 Sample : N2340-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-08

Quant Time: Apr 13 07:24:10 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)

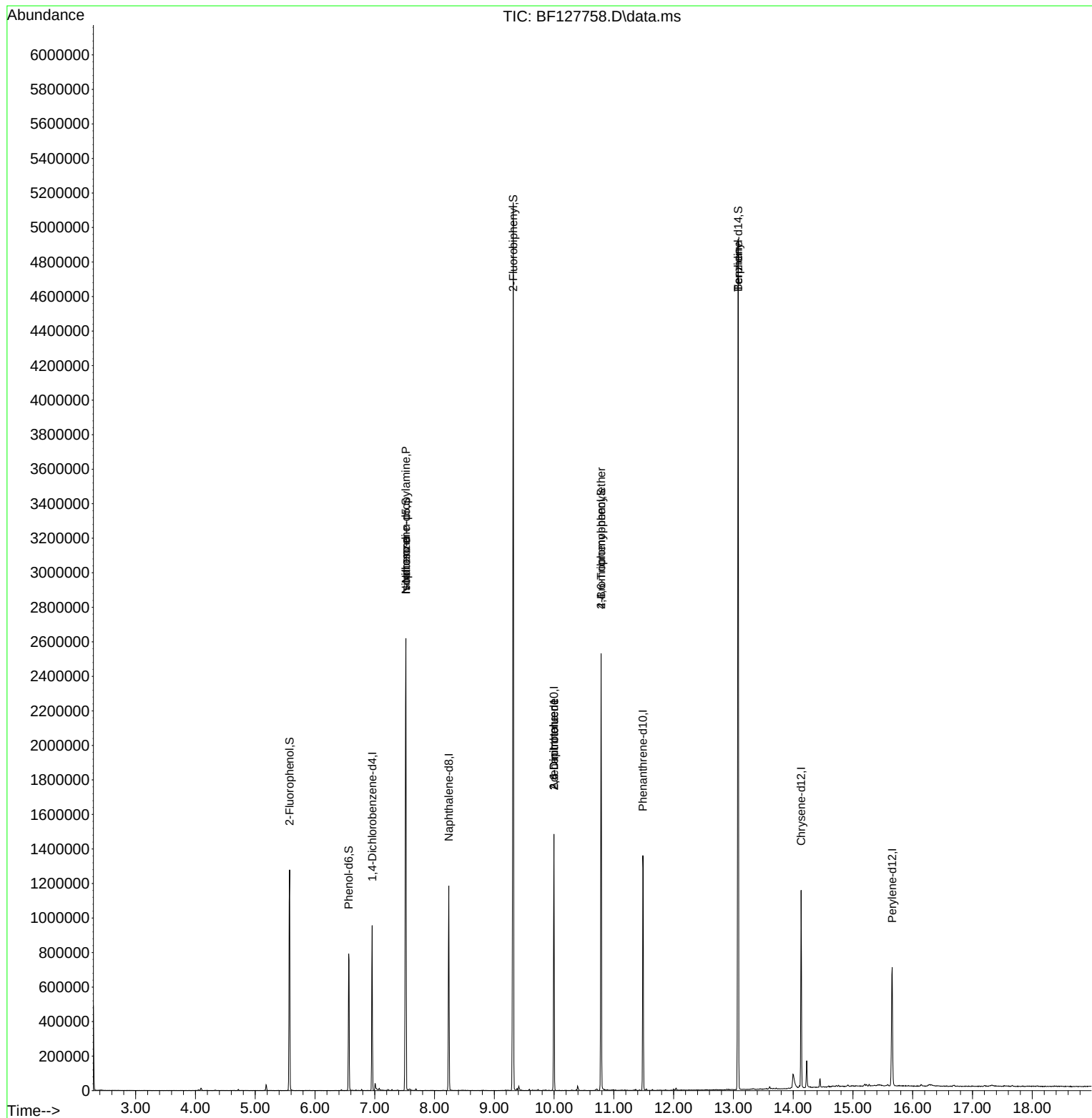
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	128581	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	474404	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	274539	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	509052	20.000	ng	0.00
76) Chrysene-d12	14.133	240	375924	20.000	ng	0.00
86) Perylene-d12	15.657	264	344026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	312635	39.508	ng	0.00
7) Phenol-d6	6.563	99	240749	23.256	ng	-0.02
23) Nitrobenzene-d5	7.522	82	902301	84.792	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	288979	98.914	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1603253	82.614	ng	0.00
79) Terphenyl-d14	13.080	244	1765887	77.536	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	463	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	121498	18.146	ng	# 75
25) Isophorone	7.522	82	902291	48.593	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	35061	9.347	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	35061	7.539	ng	# 13
67) 4-Bromophenyl-phenylether	10.786	248	18414	2.981	ng	# 1
77) Benizidine	13.080	184	25585	2.608	ng	# 93

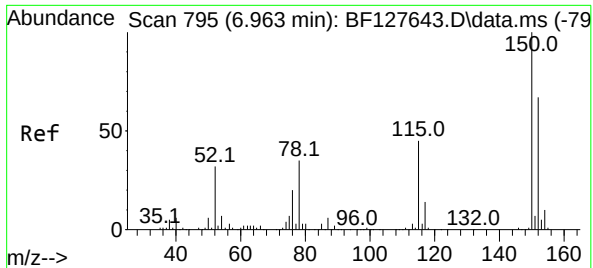
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127758.D
Acq On : 12 Apr 2022 15:05
Operator : CG\JU
Sample : N2340-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-08

Quant Time: Apr 13 07:24:10 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

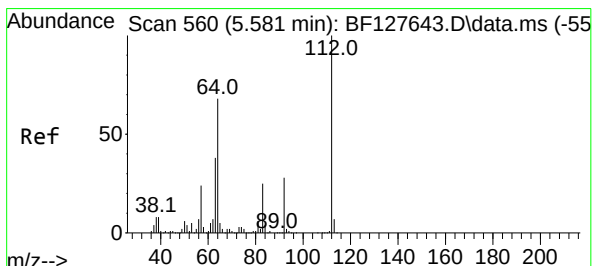
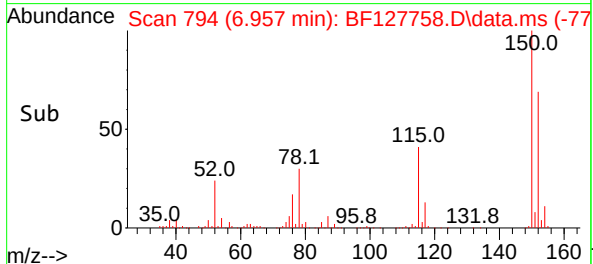
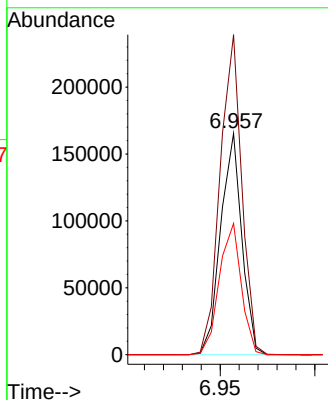
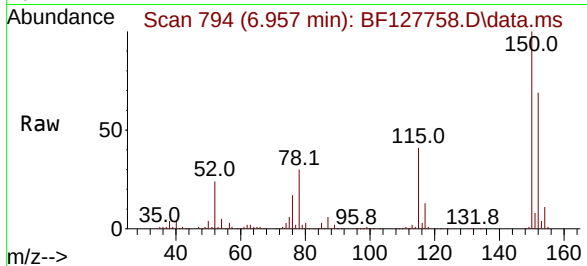




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127758.D
 Acq: 12 Apr 2022 15:05

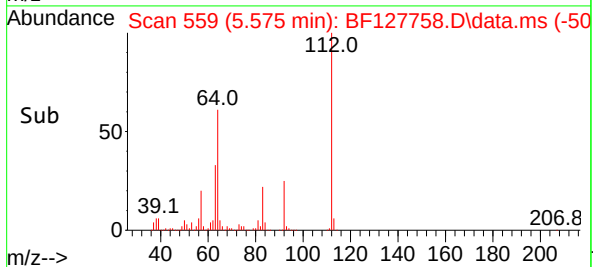
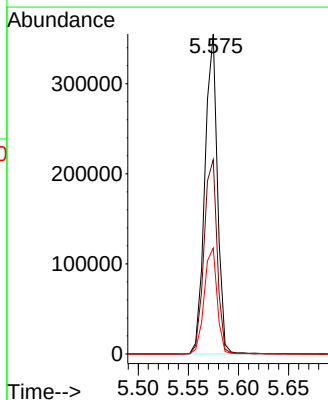
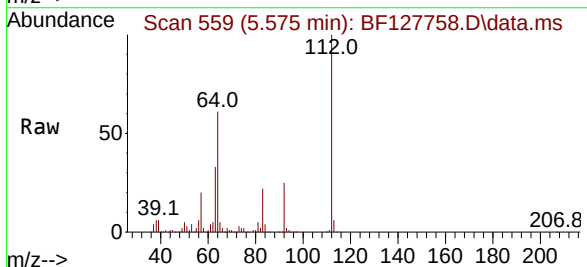
Instrument :
 BNA_F
 ClientSampleId :
 TWP-08

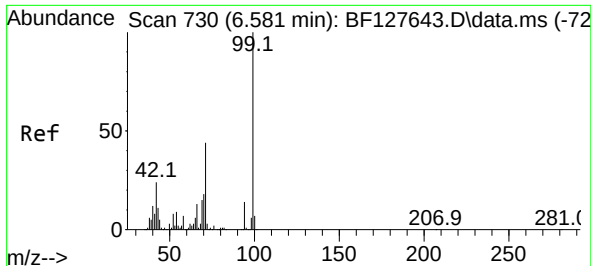
Tgt Ion:152 Resp: 128581
 Ion Ratio Lower Upper
 152 100
 150 144.6 117.2 175.8
 115 59.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 39.508 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127758.D
 Acq: 12 Apr 2022 15:05

Tgt Ion:112 Resp: 312635
 Ion Ratio Lower Upper
 112 100
 64 60.7 58.4 87.6
 63 33.1 30.1 45.1

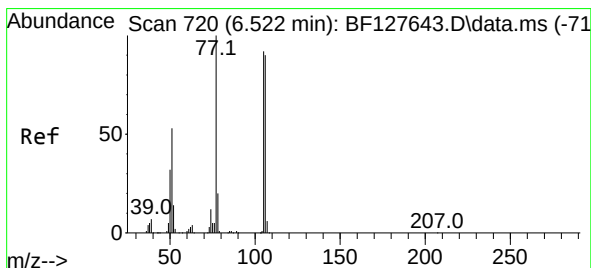
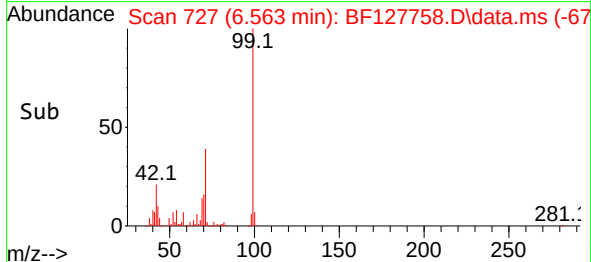
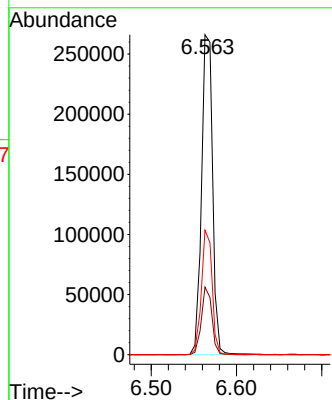
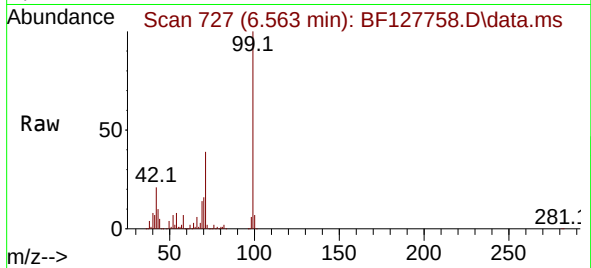




#7
Phenol-d6
Concen: 23.256 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

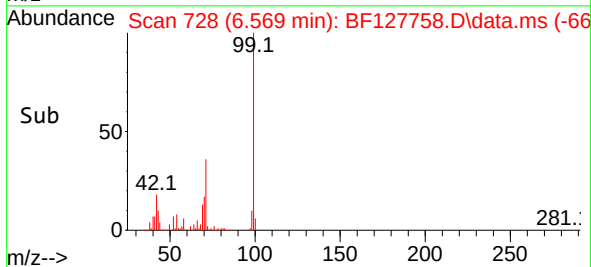
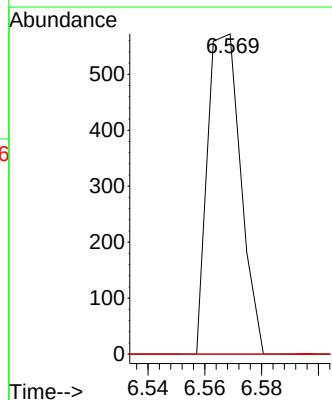
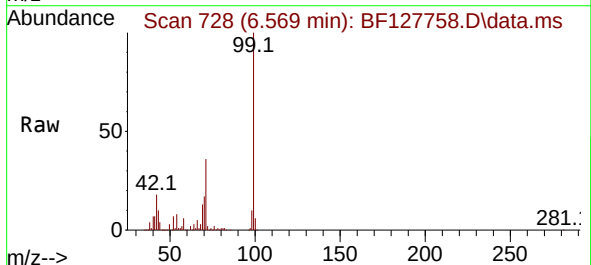
Instrument :
BNA_F
ClientSampleId :
TWP-08

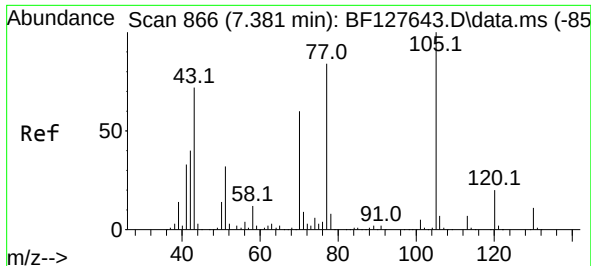
Tgt Ion: 99 Resp: 240749
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 38.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.053 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

Tgt Ion: 77 Resp: 463
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: 18.146 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127758.D

Acq: 12 Apr 2022 15:05

Instrument :

BNA_F

ClientSampleId :

TWP-08

Tgt Ion: 70 Resp: 121498

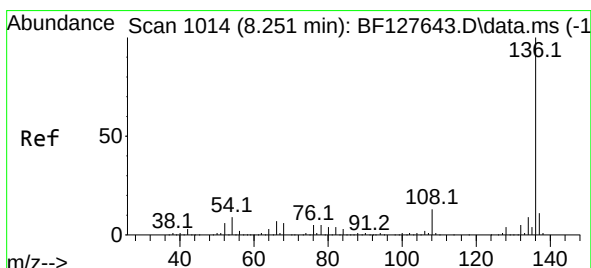
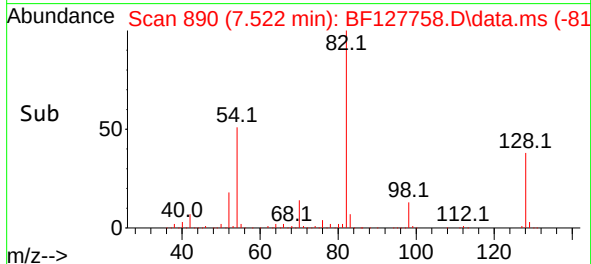
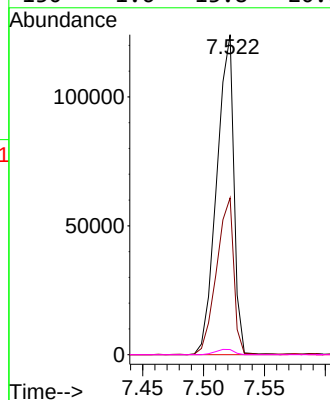
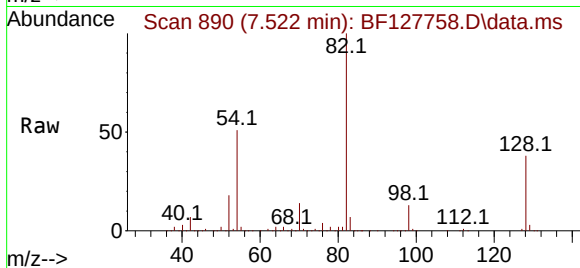
Ion Ratio Lower Upper

70 100

42 49.0 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: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127758.D

Acq: 12 Apr 2022 15:05

Tgt Ion:136 Resp: 474404

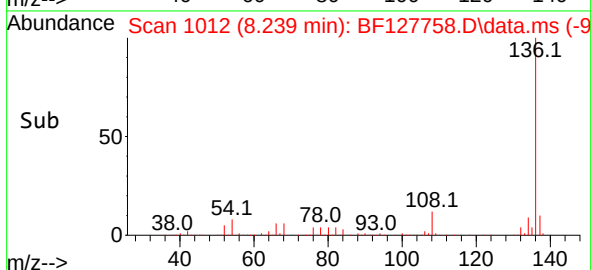
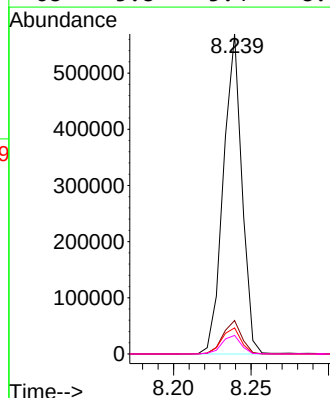
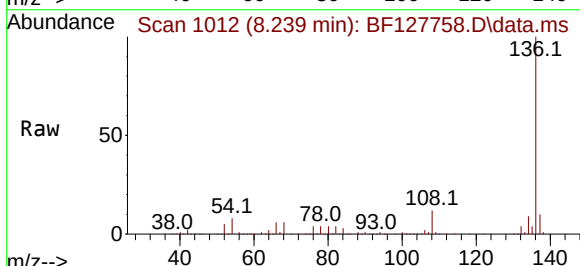
Ion Ratio Lower Upper

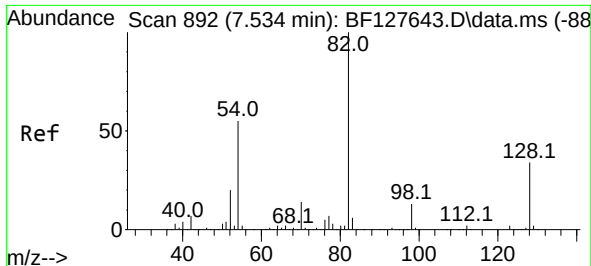
136 100

137 10.5 8.6 13.0

54 8.1 9.2 13.8#

68 5.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.792 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127758.D

Acq: 12 Apr 2022 15:05

Instrument :

BNA_F

ClientSampleId :

TWP-08

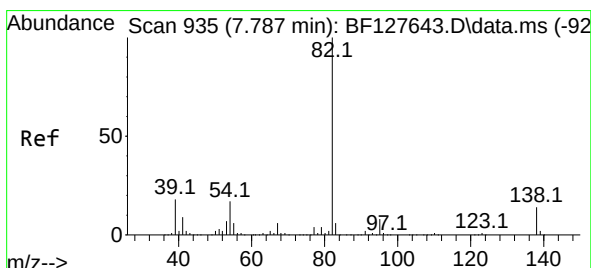
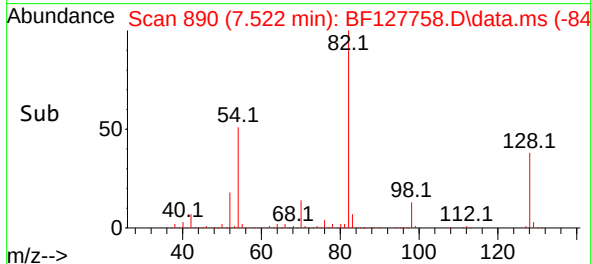
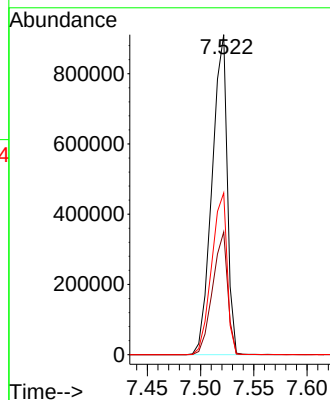
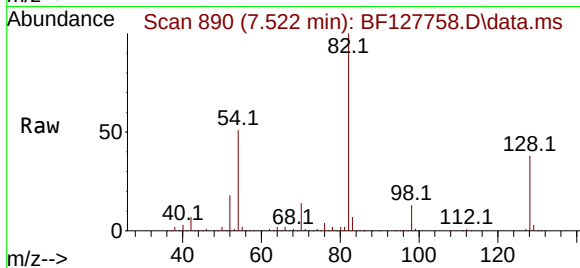
Tgt Ion: 82 Resp: 902301

Ion Ratio Lower Upper

82 100

128 38.4 30.6 45.8

54 50.5 48.2 72.2



#25

Isophorone

Concen: 48.593 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.259 min

Lab File: BF127758.D

Acq: 12 Apr 2022 15:05

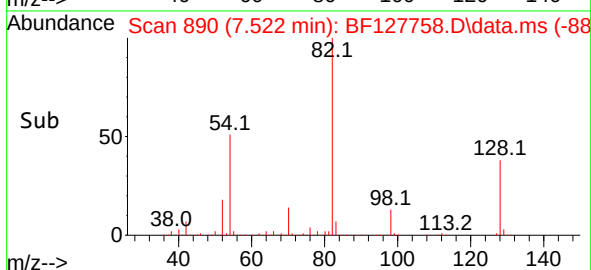
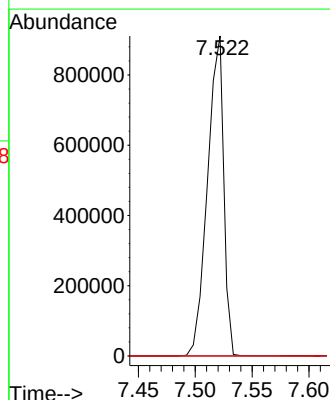
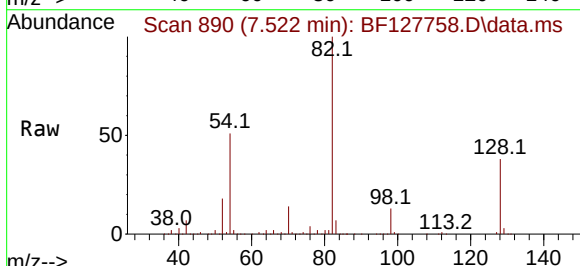
Tgt Ion: 82 Resp: 902291

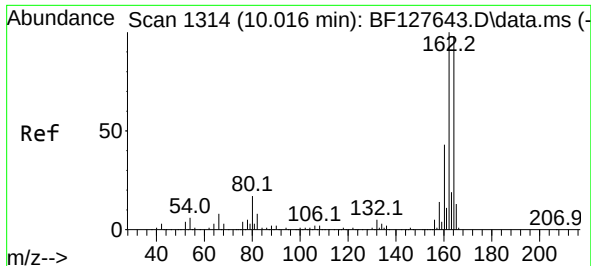
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

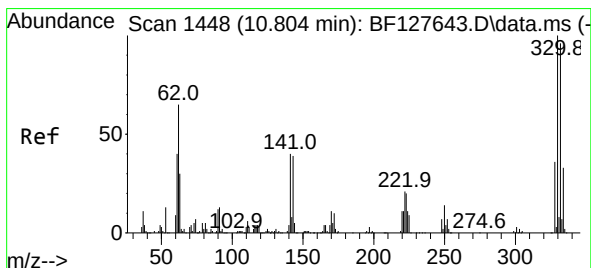
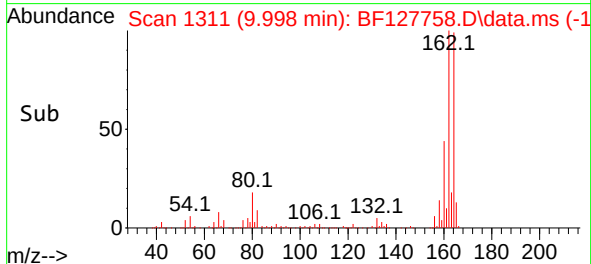
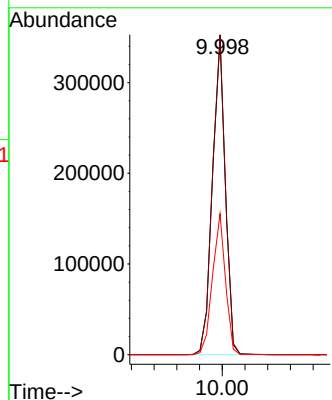
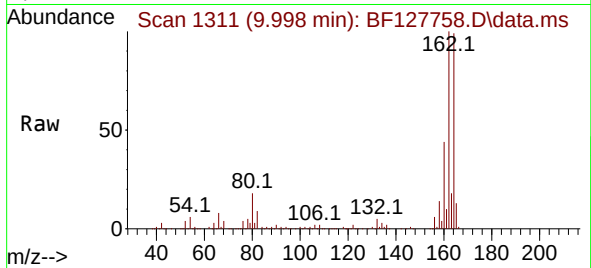




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

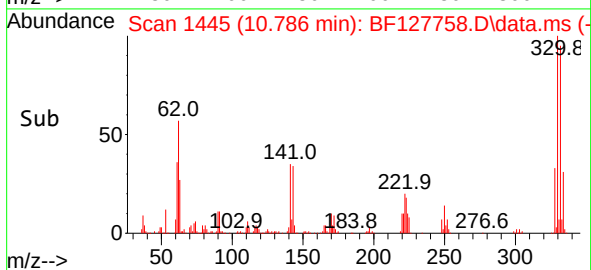
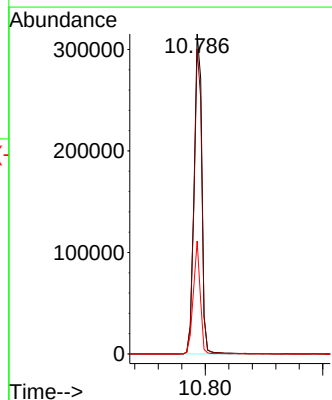
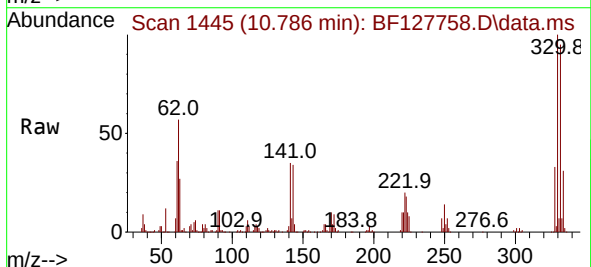
Instrument :
BNA_F
ClientSampleId :
TWP-08

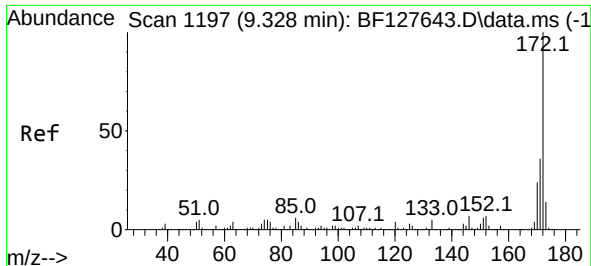
Tgt Ion:164 Resp: 274539
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 98.914 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

Tgt Ion:330 Resp: 288979
Ion Ratio Lower Upper
330 100
332 94.9 79.1 118.7
141 31.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 82.614 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127758.D

Acq: 12 Apr 2022 15:05

Instrument :

BNA_F

ClientSampleId :

TWP-08

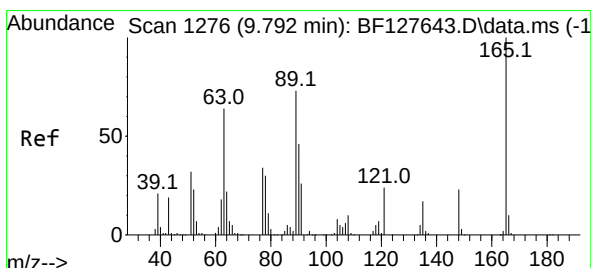
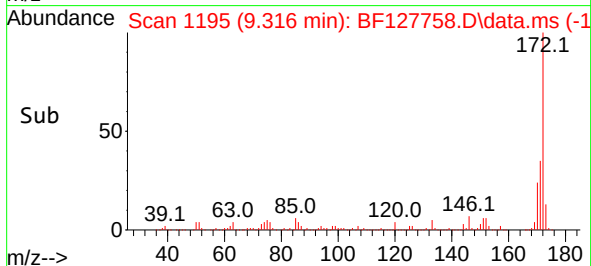
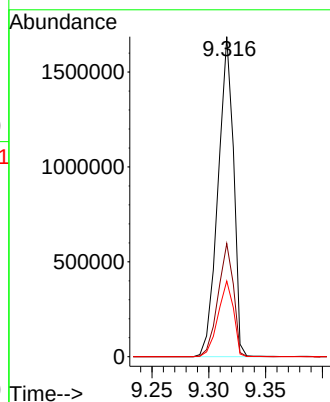
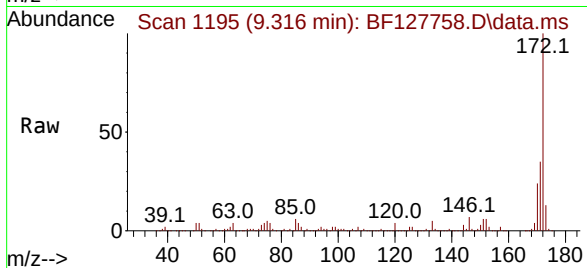
Tgt Ion:172 Resp: 1603253

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.347 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127758.D

Acq: 12 Apr 2022 15:05

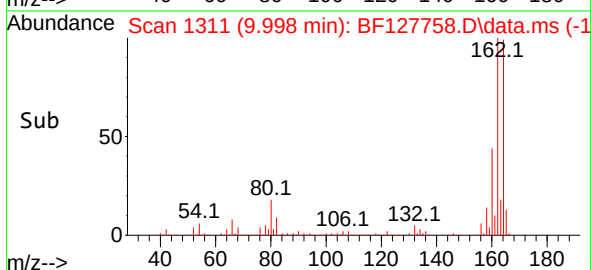
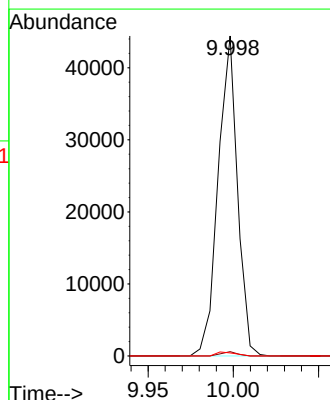
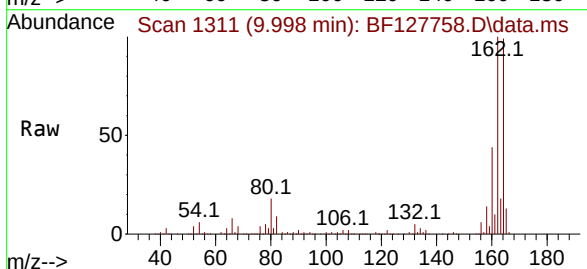
Tgt Ion:165 Resp: 35061

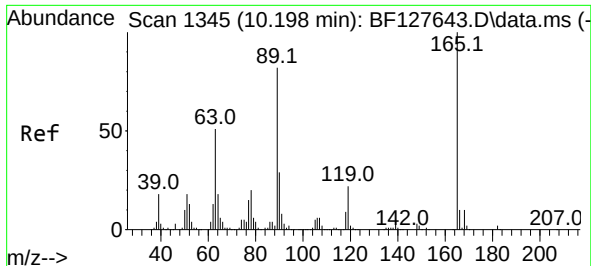
Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.0 51.5 77.3#

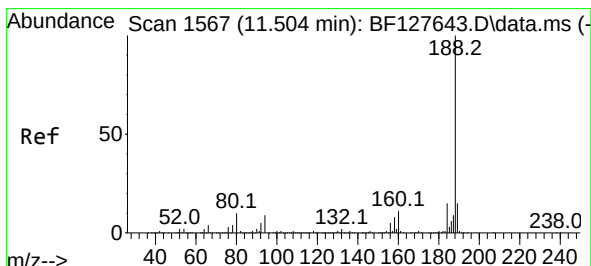
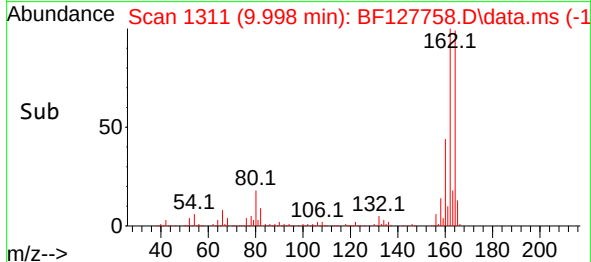
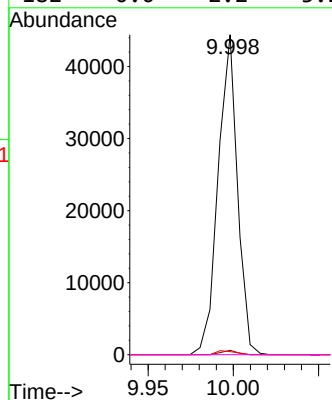
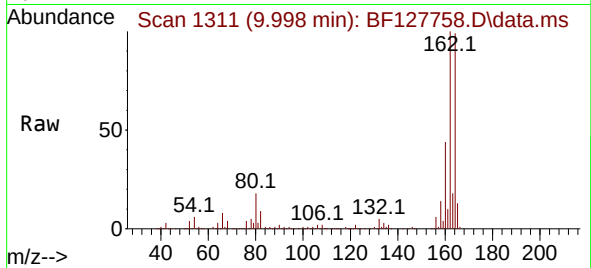




#57
2,4-Dinitrotoluene
Concen: 7.539 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

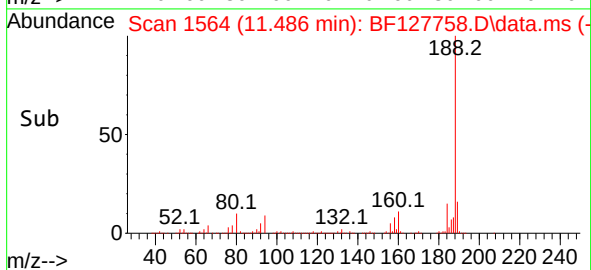
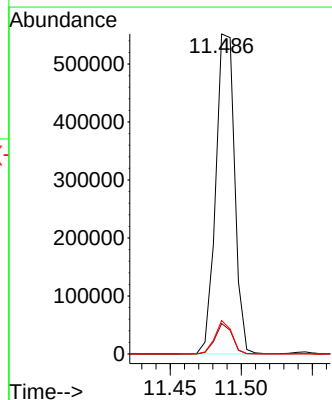
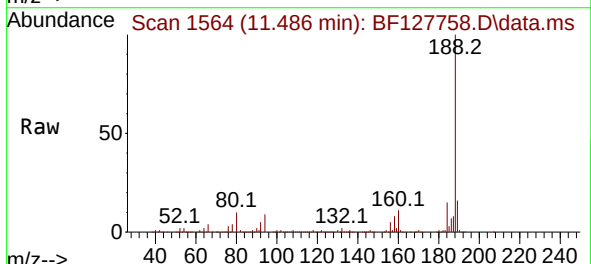
Instrument :
BNA_F
ClientSampleId :
TWP-08

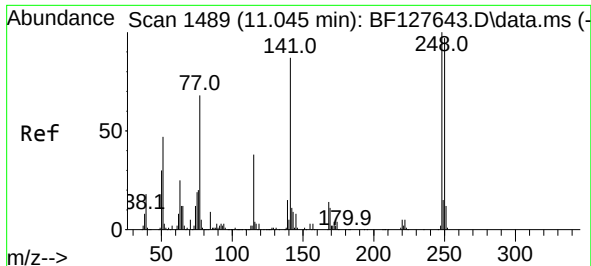
Tgt Ion:165 Resp: 35061
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

Tgt Ion:188 Resp: 509052
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.4 8.0 12.0

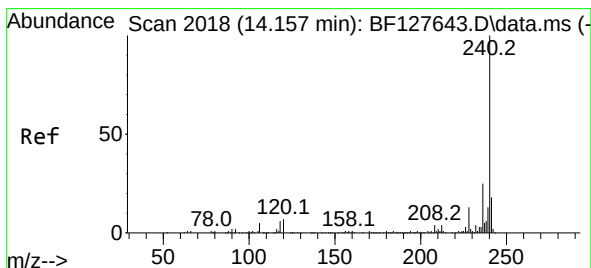
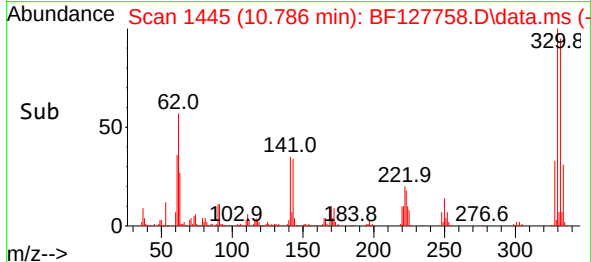
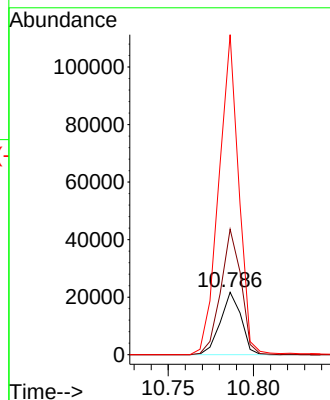
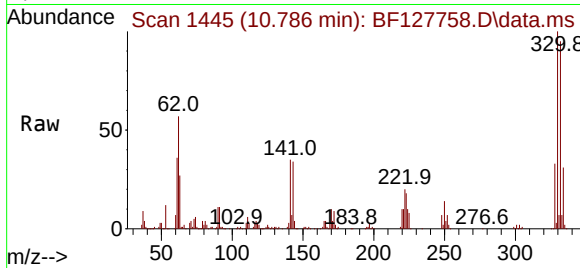




#67
4-Bromophenyl-phenylether
Concen: 2.981 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

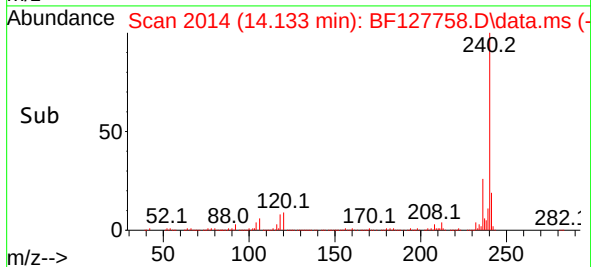
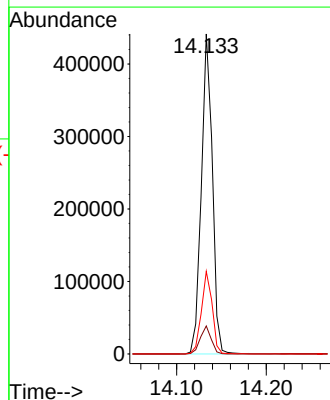
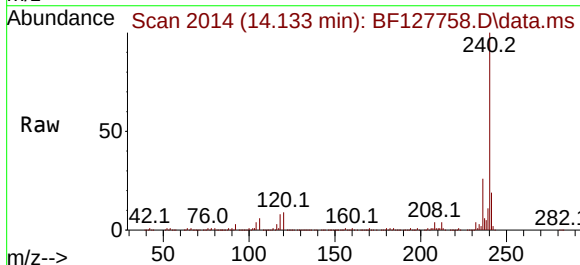
Instrument :
BNA_F
ClientSampleId :
TWP-08

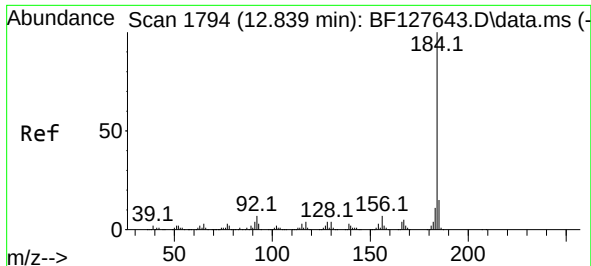
Tgt Ion:248 Resp: 18414
Ion Ratio Lower Upper
248 100
250 201.2 76.6 115.0#
141 513.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

Tgt Ion:240 Resp: 375924
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 25.8 20.7 31.1

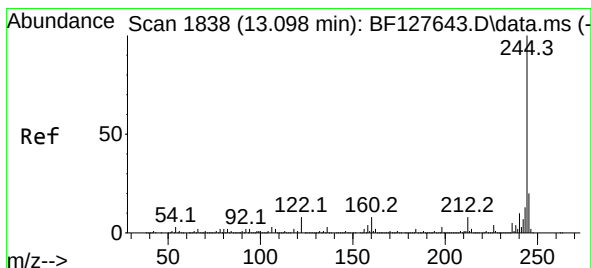
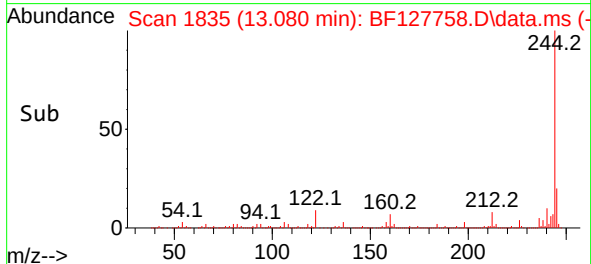
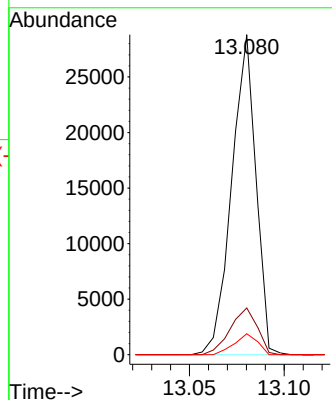
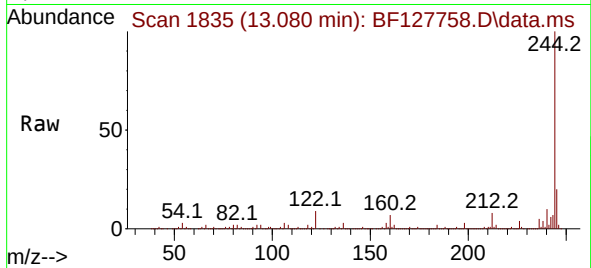




#77
Benzidine
Concen: 2.608 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

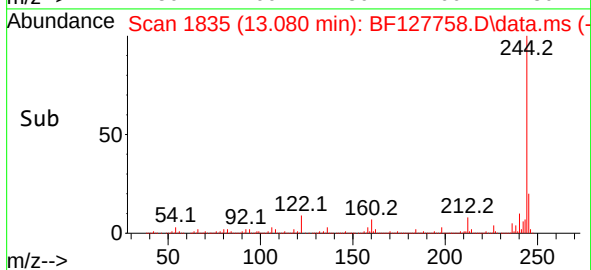
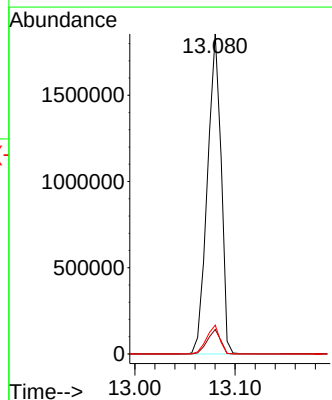
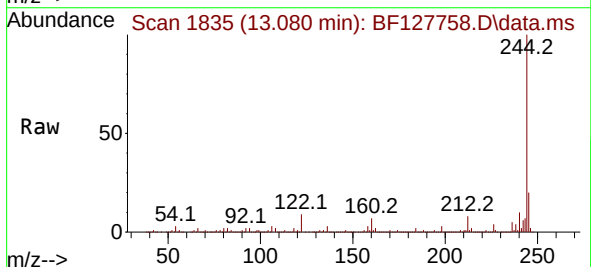
Instrument :
BNA_F
ClientSampleId :
TWP-08

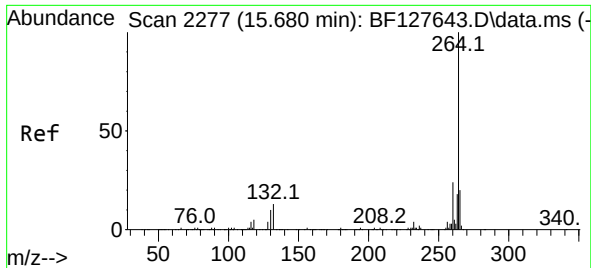
Tgt Ion:184 Resp: 25585
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 77.536 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127758.D
Acq: 12 Apr 2022 15:05

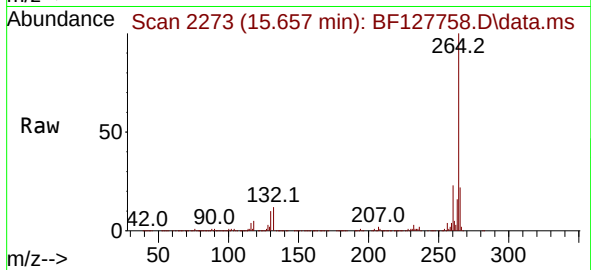
Tgt Ion:244 Resp: 1765887
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.0 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127758.D
 Acq: 12 Apr 2022 15:05

Instrument :
 BNA_F
 ClientSampleId :
 TWP-08



Tgt Ion:264	Resp:	344026
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.1 28.7
265	21.7	17.4 26.2

