

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127760.D
 Acq On : 12 Apr 2022 16:03
 Operator : CG\JU
 Sample : N2340-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Apr 13 07:24:26 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)

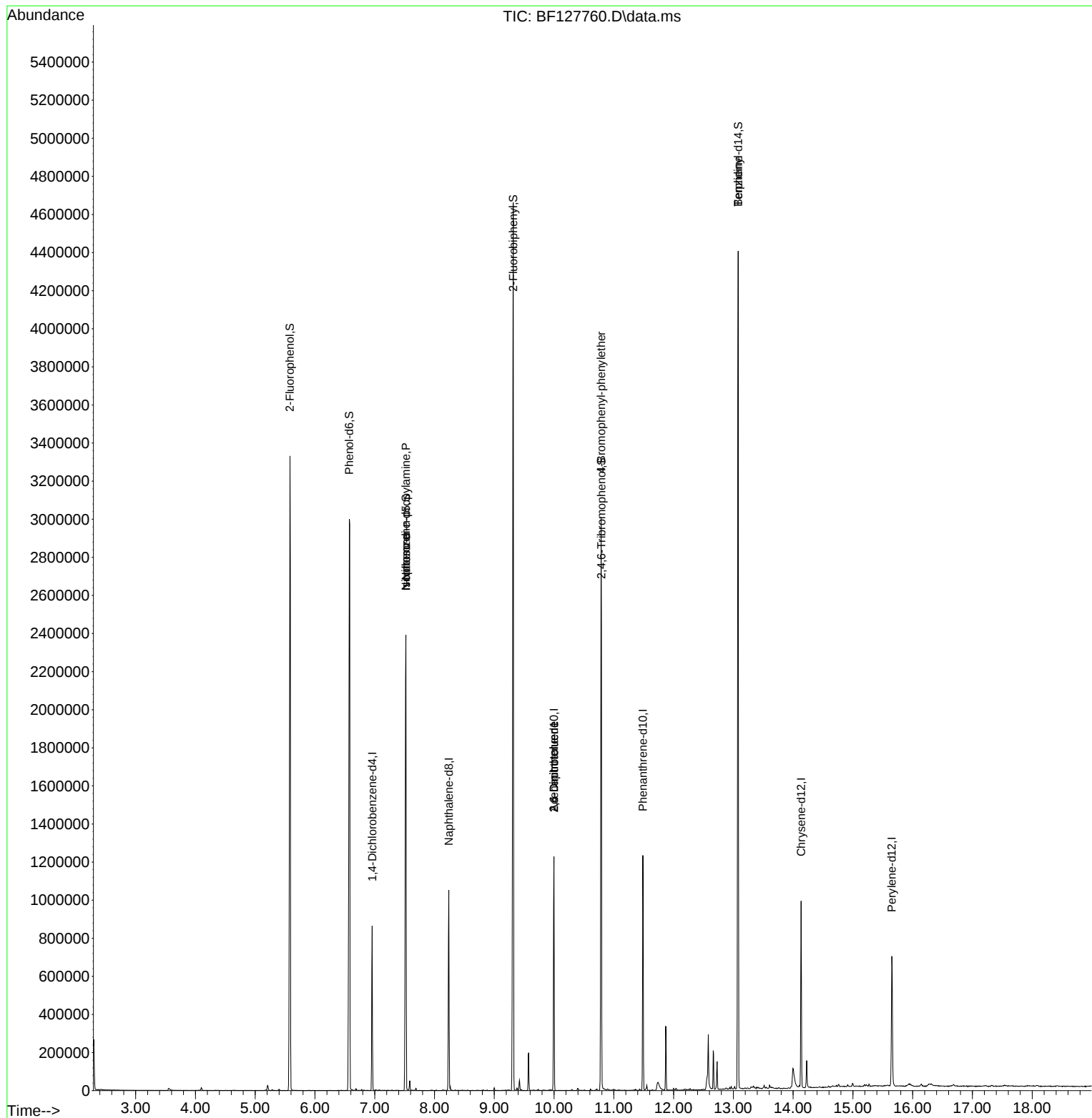
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	113869	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	422142	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	243104	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	427474	20.000	ng	0.00
76) Chrysene-d12	14.133	240	327393	20.000	ng	0.00
86) Perylene-d12	15.651	264	323459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	930949	132.846	ng	0.00
7) Phenol-d6	6.575	99	1194167	130.259	ng	0.00
23) Nitrobenzene-d5	7.522	82	848237	89.580	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	379930	146.862	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1483101	86.304	ng	0.00
79) Terphenyl-d14	13.080	244	1569075	79.107	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	2196	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	114530	19.316	ng	# 75
25) Isophorone	7.522	82	848224	51.337	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	31418	9.459	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	31418	7.629	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	23117	4.456	ng	# 1
77) Benizidine	13.080	184	21810	2.552	ng	# 95

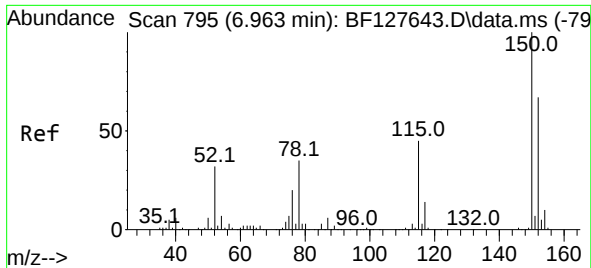
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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SB-05-COMP

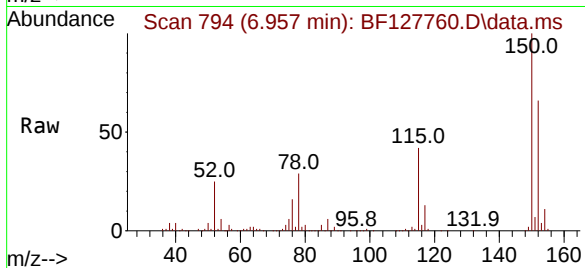
Quant Time: Apr 13 07:24:26 2022
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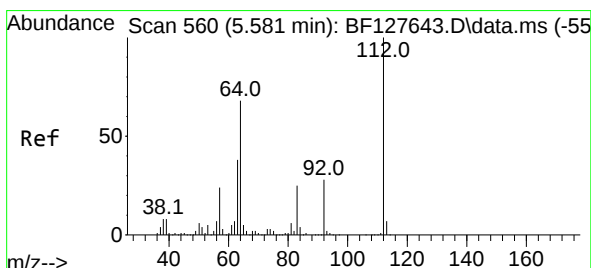
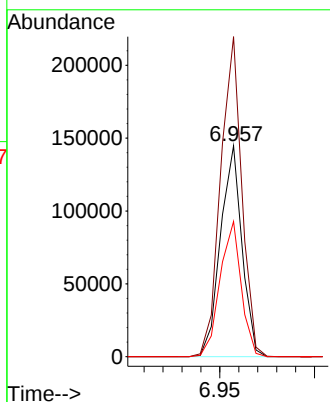
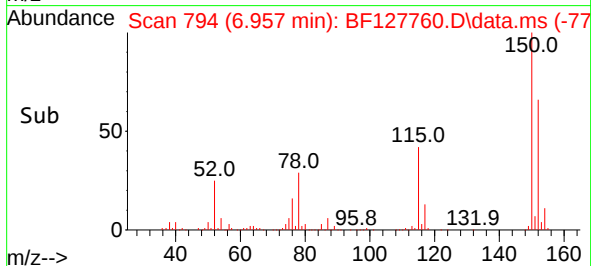


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

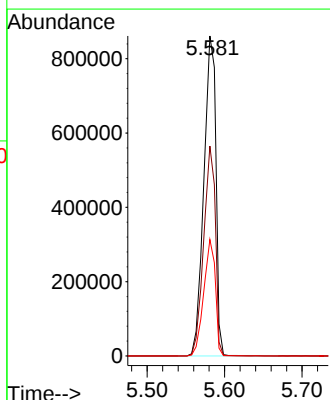
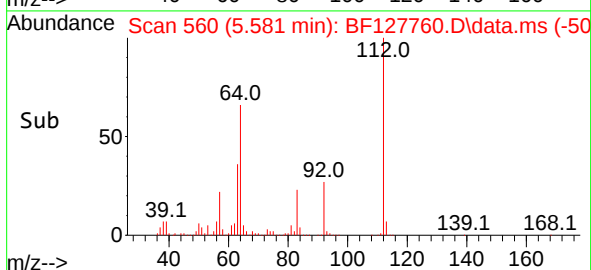
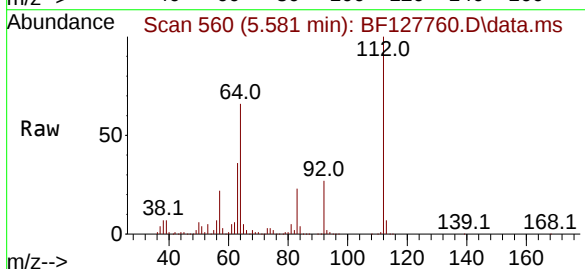


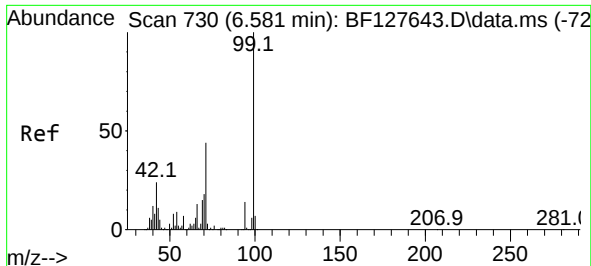
Tgt Ion:152 Resp: 113869
Ion Ratio Lower Upper
152 100
150 151.8 117.2 175.8
115 64.1 49.8 74.6



#5
2-Fluorophenol
Concen: 132.846 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Tgt Ion:112 Resp: 930949
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 36.4 30.1 45.1



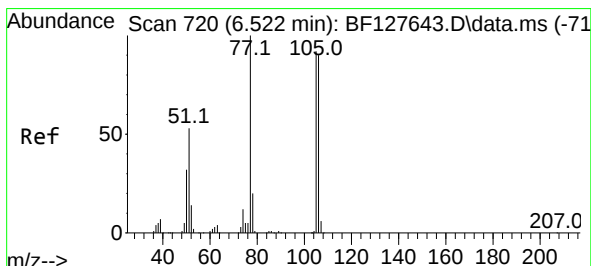
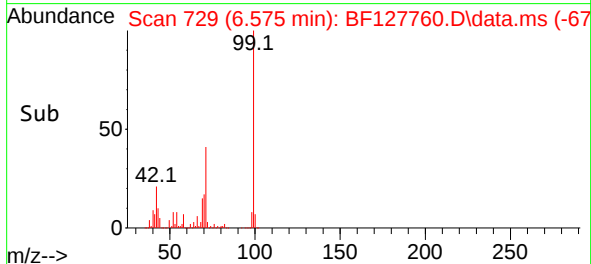
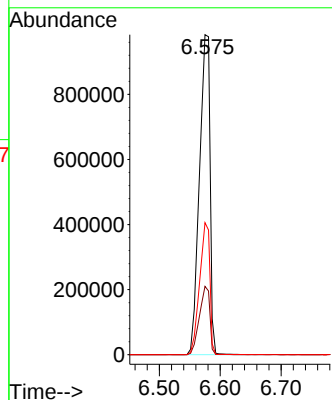
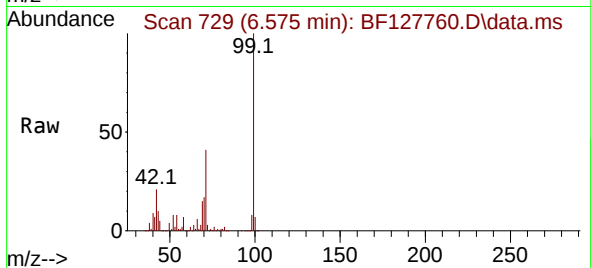


#7
Phenol-d6
Concen: 130.259 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion: 99 Resp: 1194167

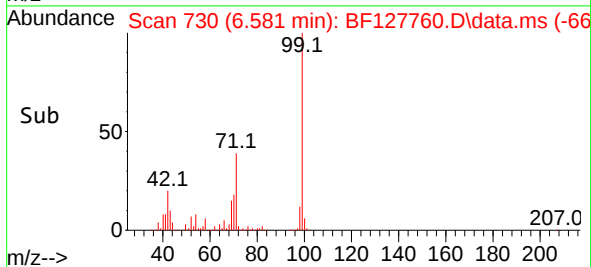
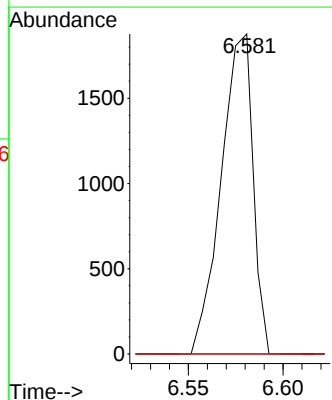
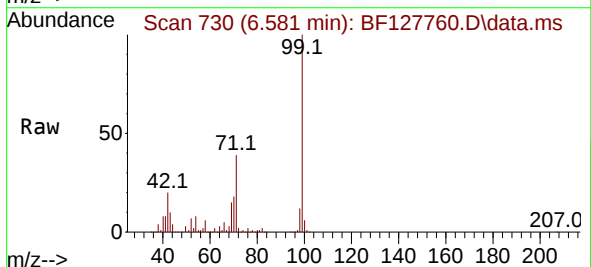
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	41.3	29.6	44.4

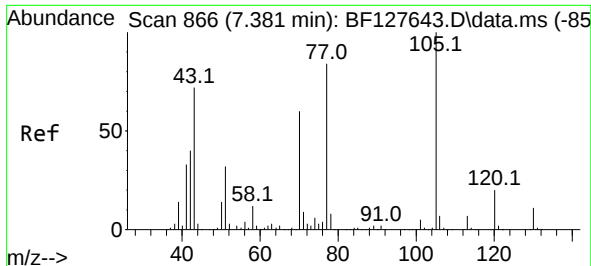


#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.065 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Tgt Ion: 77 Resp: 2196

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: 19.316 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.153 min

Lab File: BF127760.D

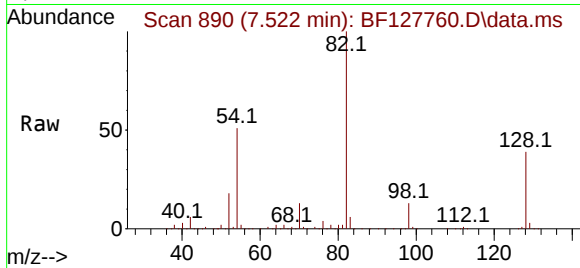
Acq: 12 Apr 2022 16:03

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP



Tgt Ion: 70 Resp: 114530

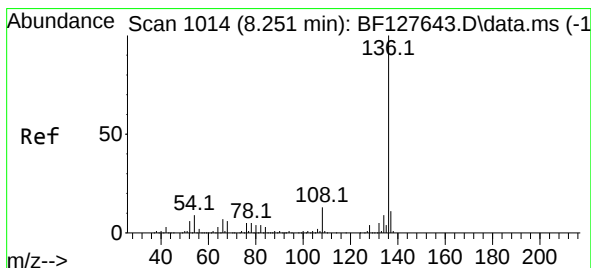
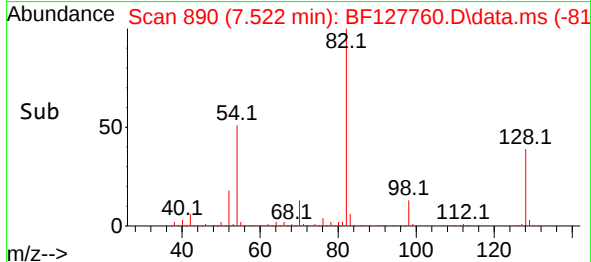
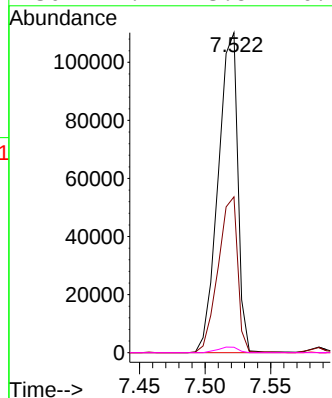
Ion Ratio Lower Upper

70 100

42 48.7 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 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: BF127760.D

Acq: 12 Apr 2022 16:03

Tgt Ion: 136 Resp: 422142

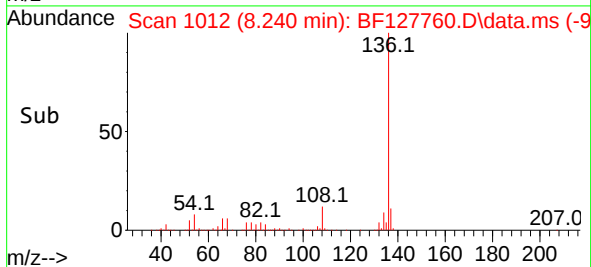
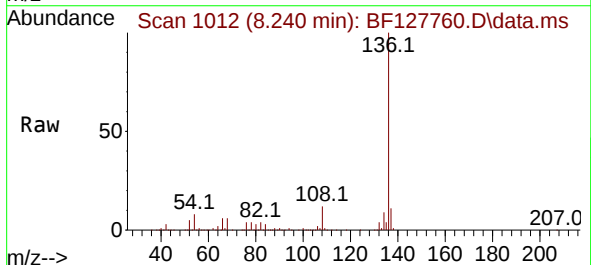
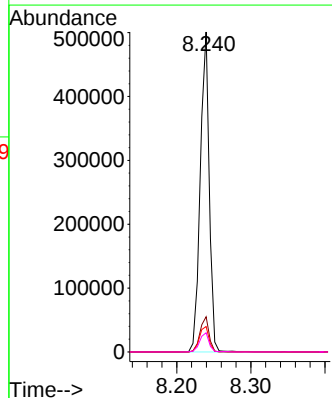
Ion Ratio Lower Upper

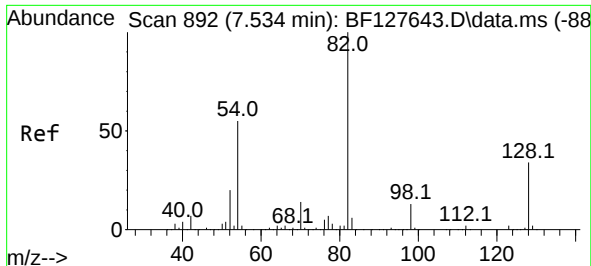
136 100

137 11.0 8.6 13.0

54 7.9 9.2 13.8#

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 89.580 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127760.D

Acq: 12 Apr 2022 16:03

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

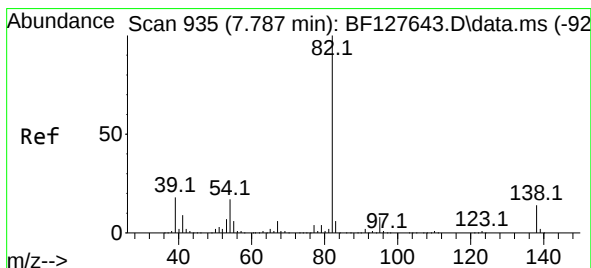
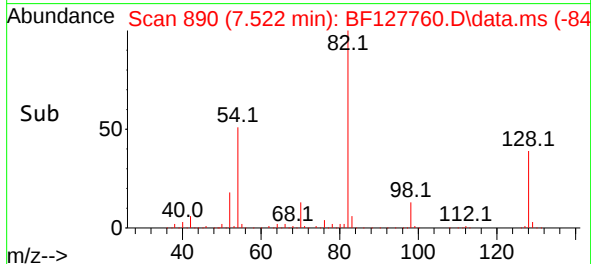
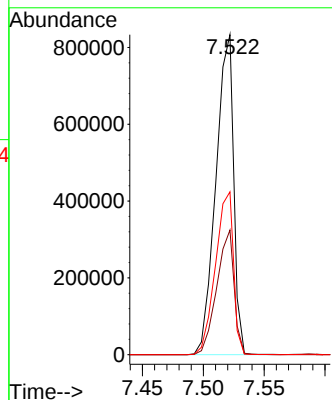
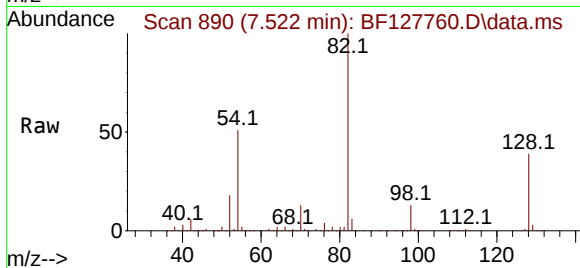
Tgt Ion: 82 Resp: 848237

Ion Ratio Lower Upper

82 100

128 39.0 30.6 45.8

54 50.9 48.2 72.2



#25

Isophorone

Concen: 51.337 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.259 min

Lab File: BF127760.D

Acq: 12 Apr 2022 16:03

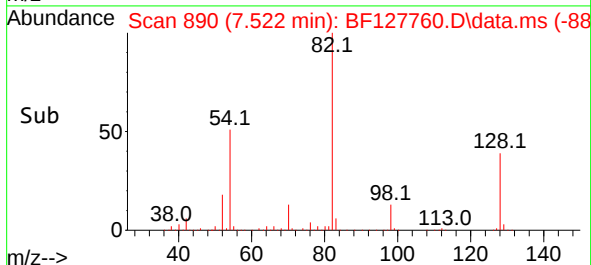
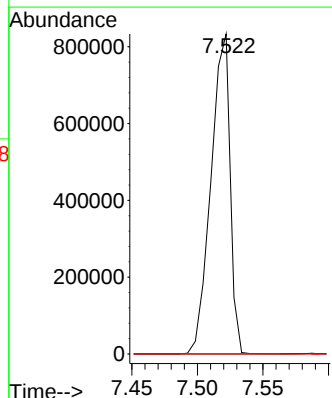
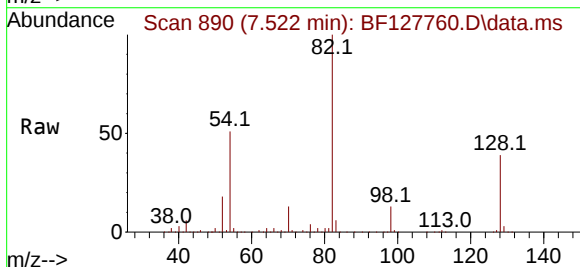
Tgt Ion: 82 Resp: 848224

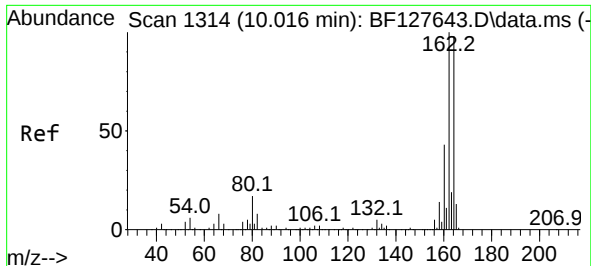
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

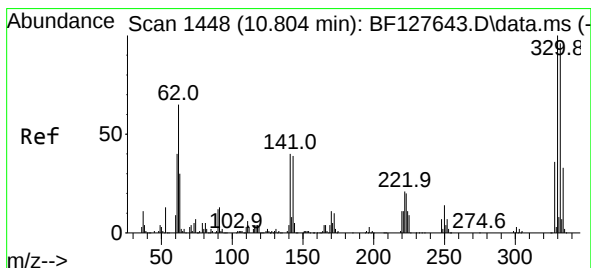
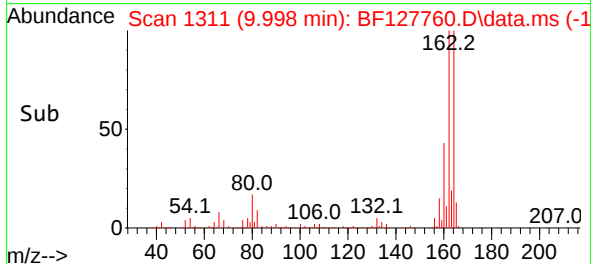
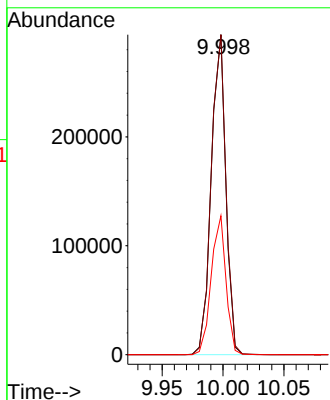
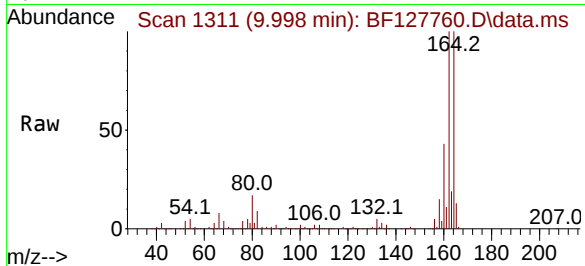




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

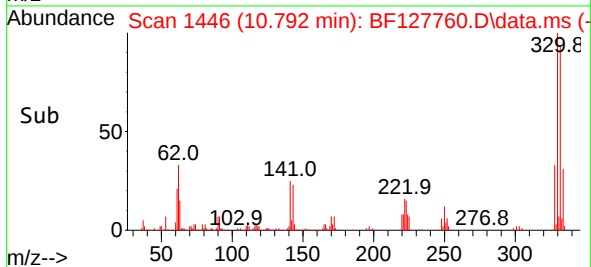
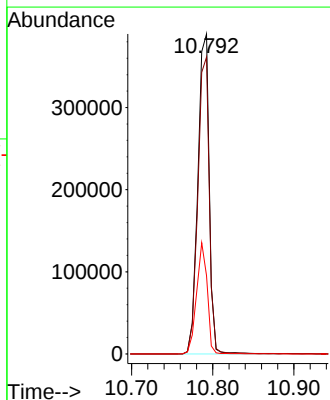
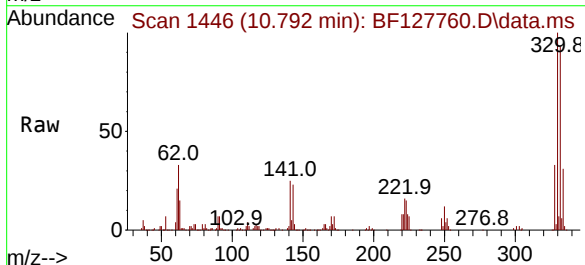
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

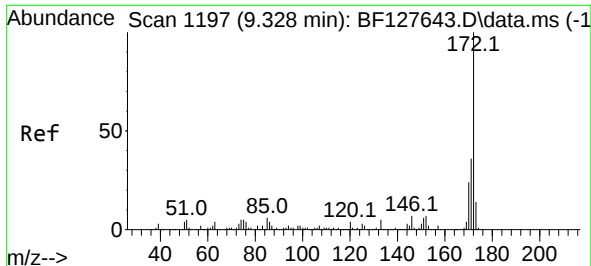
Tgt Ion:164 Resp: 243104
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 43.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 146.862 ng
RT: 10.792 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Tgt Ion:330 Resp: 379930
Ion Ratio Lower Upper
330 100
332 93.8 79.1 118.7
141 32.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 86.304 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127760.D

Acq: 12 Apr 2022 16:03

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

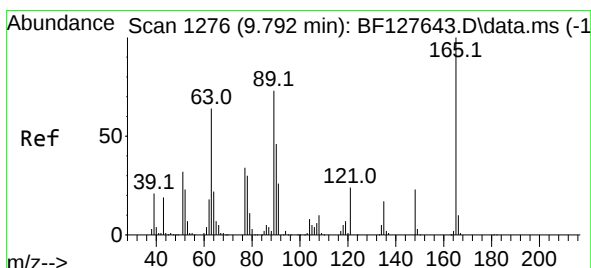
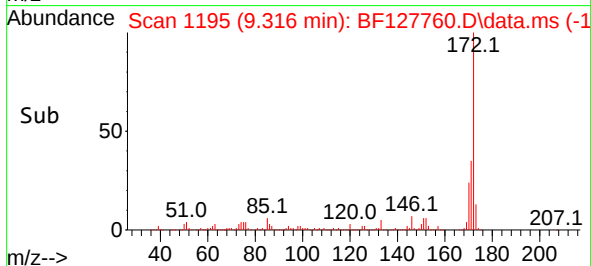
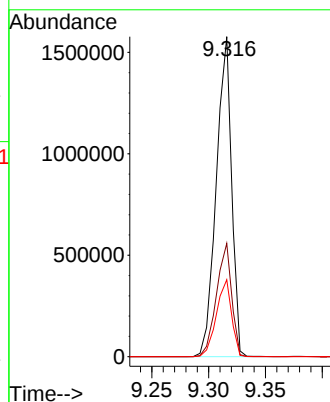
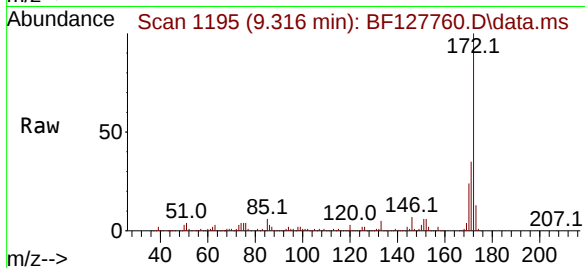
Tgt Ion:172 Resp: 1483101

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.459 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127760.D

Acq: 12 Apr 2022 16:03

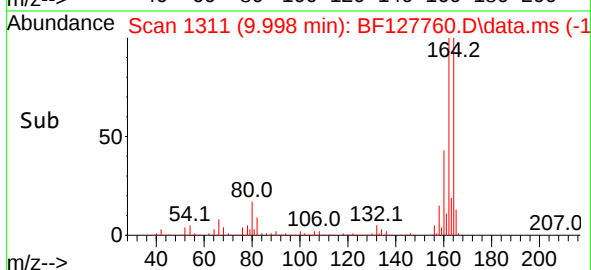
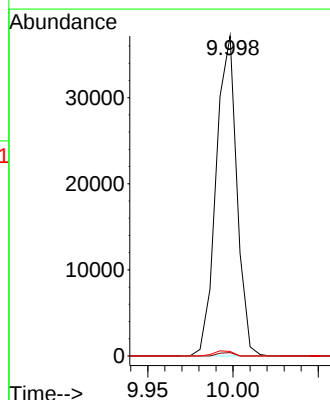
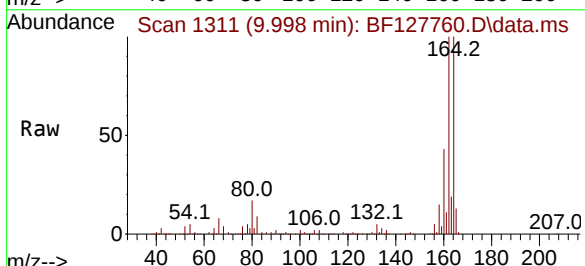
Tgt Ion:165 Resp: 31418

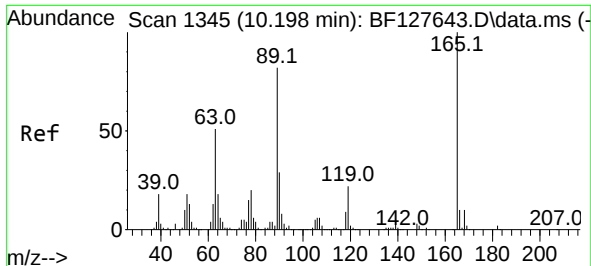
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.4 51.5 77.3#

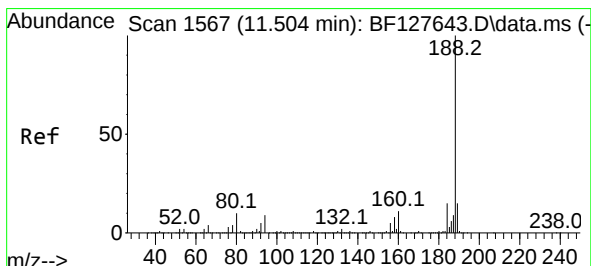
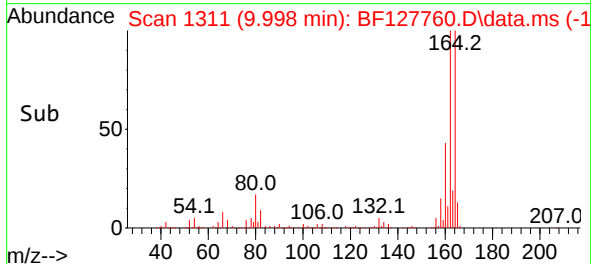
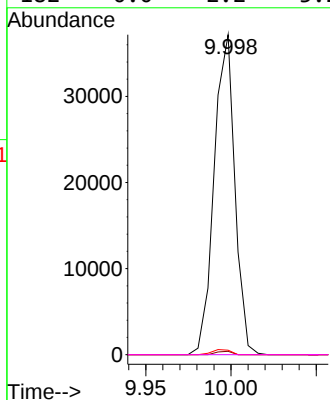
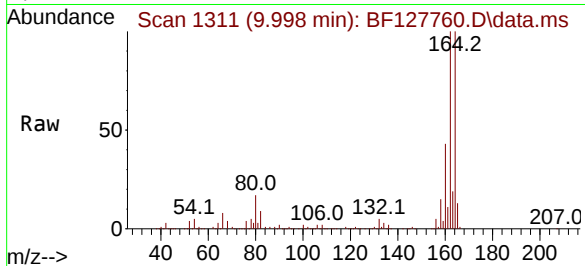




#57
2,4-Dinitrotoluene
Concen: 7.629 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

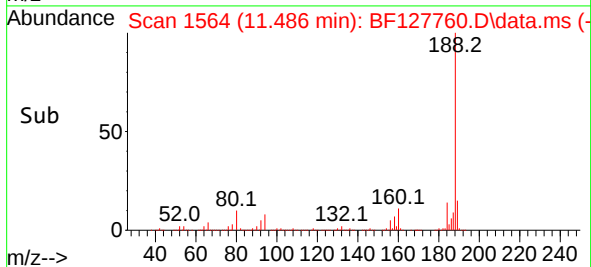
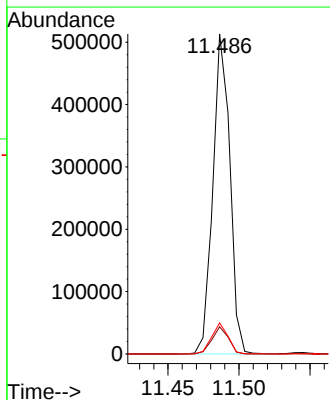
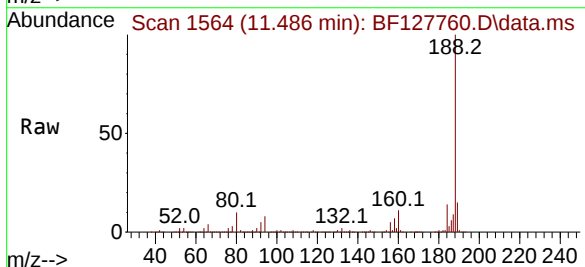
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

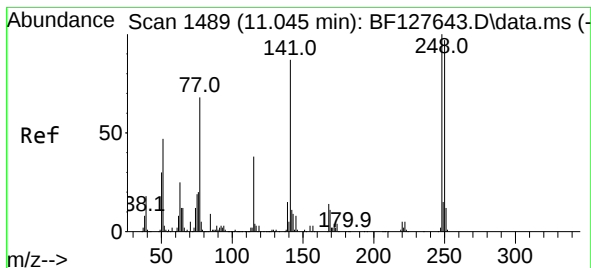
Tgt Ion:165 Resp: 31418
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Tgt Ion:188 Resp: 427474
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.7 8.0 12.0

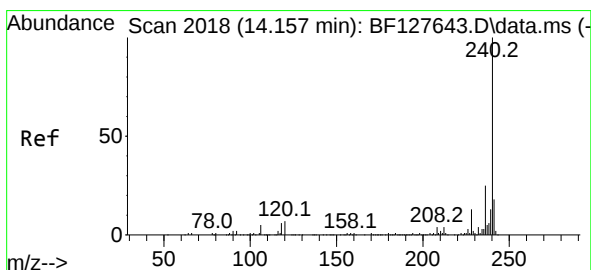
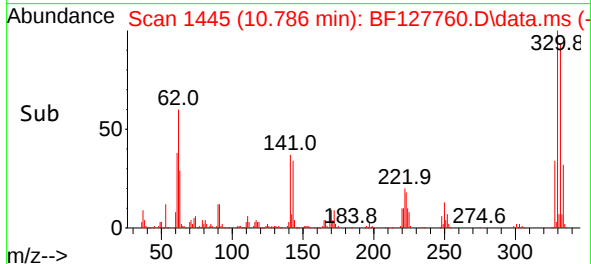
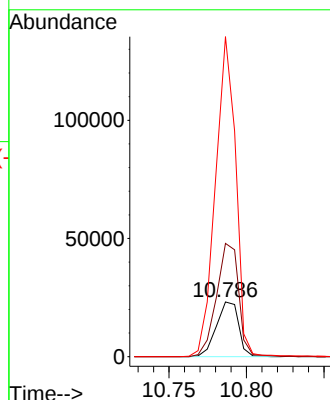
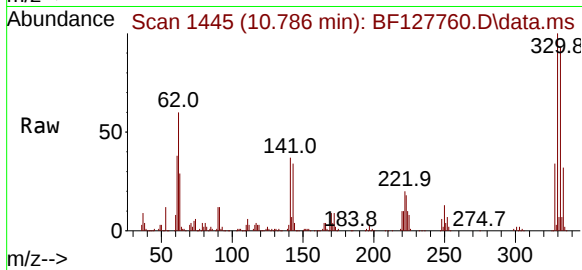




#67
4-Bromophenyl-phenylether
Concen: 4.456 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

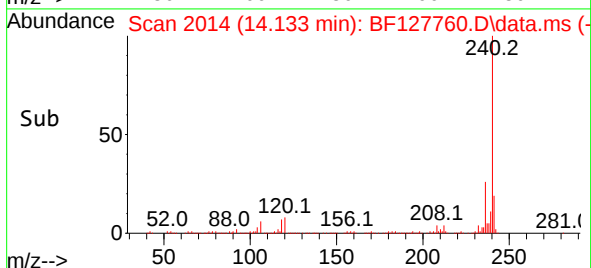
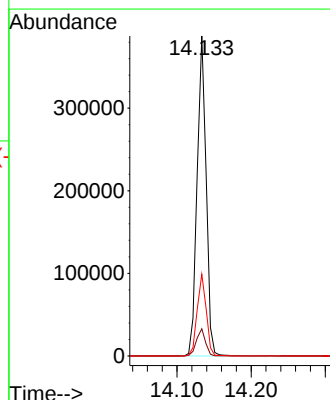
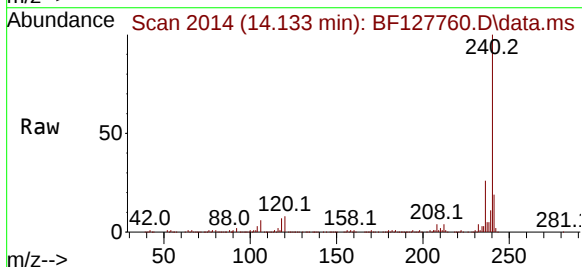
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

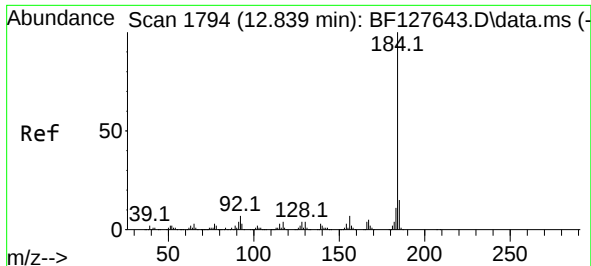
Tgt Ion:248 Resp: 23117
Ion Ratio Lower Upper
248 100
250 206.9 76.6 115.0#
141 584.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Tgt Ion:240 Resp: 327393
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.5 20.7 31.1

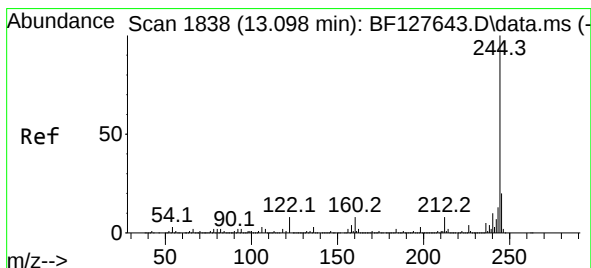
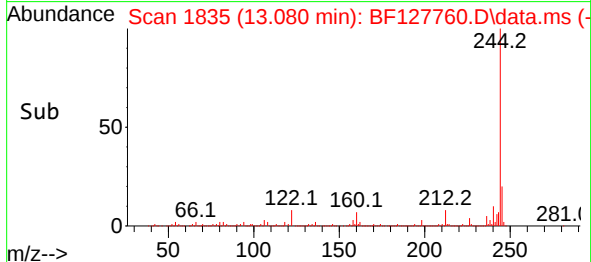
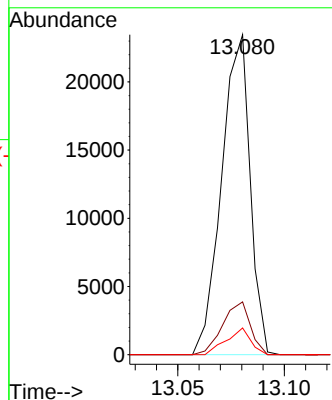
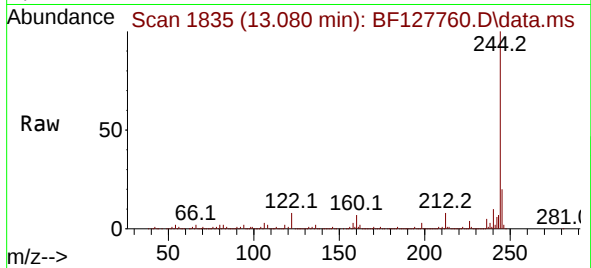




#77
Benzidine
Concen: 2.552 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

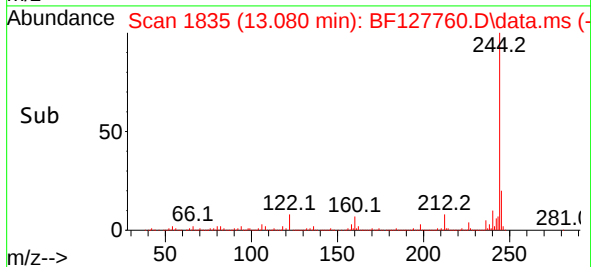
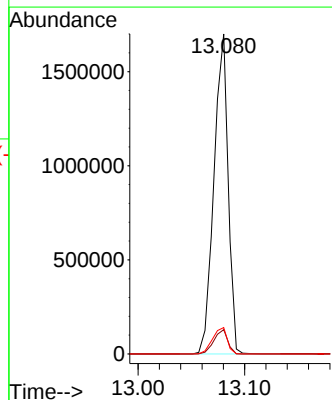
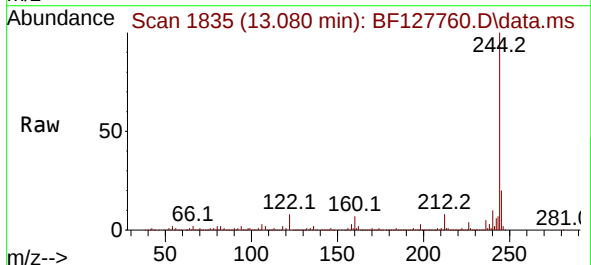
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

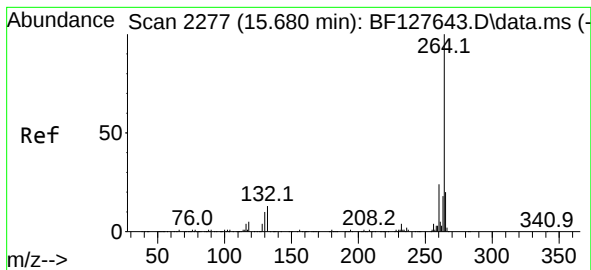
Tgt Ion:184 Resp: 21810
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 8.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 79.107 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

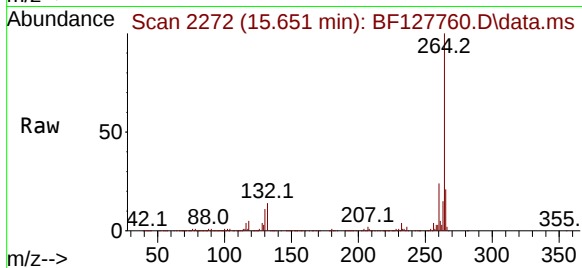
Tgt Ion:244 Resp: 1569075
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.2 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127760.D
Acq: 12 Apr 2022 16:03

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP



Tgt Ion:264 Resp: 323459

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.3	17.4	26.2

