

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127782.D
 Acq On : 13 Apr 2022 14:13
 Operator : CG\JU
 Sample : N2334-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: Apr 13 16:51:10 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 16:40:15 2022
 Response via : Initial Calibration

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

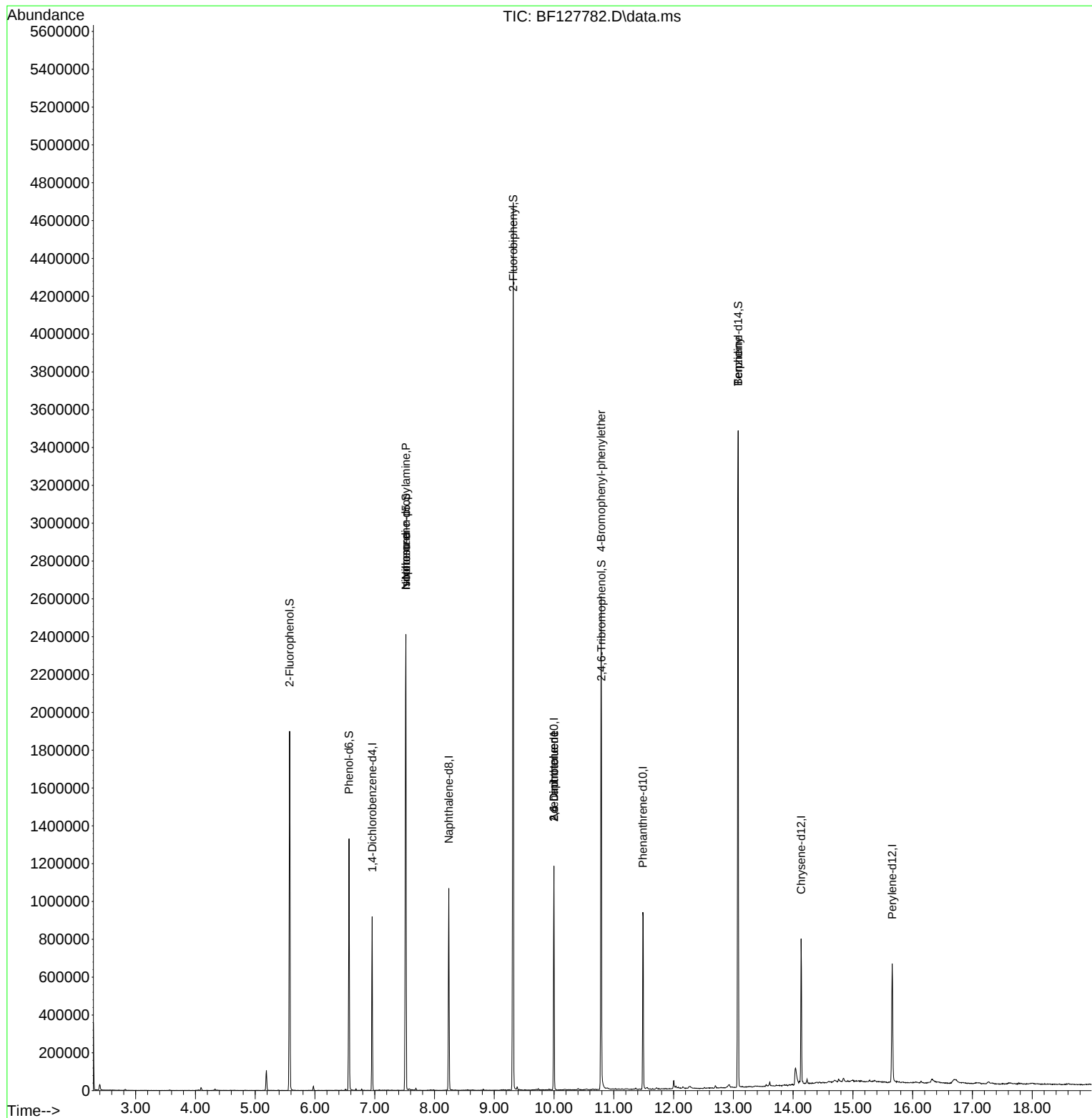
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	118478	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	427875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	219100	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	356202	20.000	ng	0.00
76) Chrysene-d12	14.133	240	258526	20.000	ng	-0.01
86) Perylene-d12	15.657	264	300715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	472068	64.743	ng	0.00
7) Phenol-d6	6.569	99	373137	39.118	ng	-0.02
23) Nitrobenzene-d5	7.522	82	836799	87.188	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	300561	128.910	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1411814	91.157	ng	0.00
79) Terphenyl-d14	13.080	244	1255815	80.180	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	350	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.522	70	114123	18.498	ng	# 70
25) Isophorone	7.522	82	833870	49.792	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	28276	9.445	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	28276	7.619	ng	# 13
67) 4-Bromophenyl-phenylether	10.786	248	20053	4.639	ng	# 1
77) Benizidine	13.080	184	17699	2.623	ng	# 93

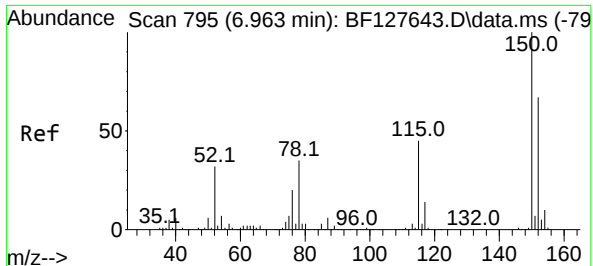
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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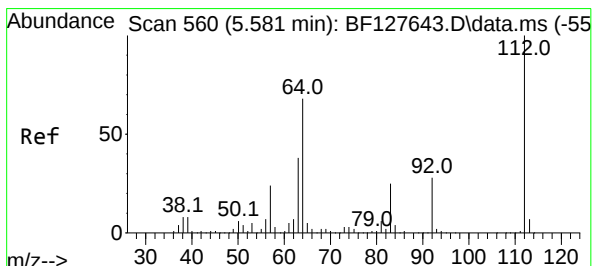
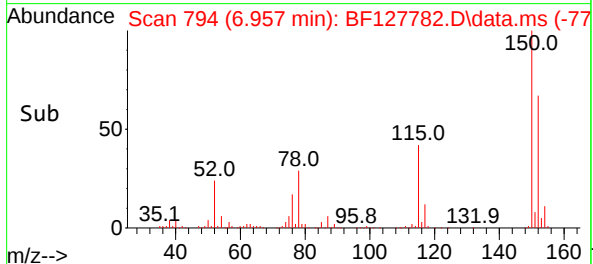
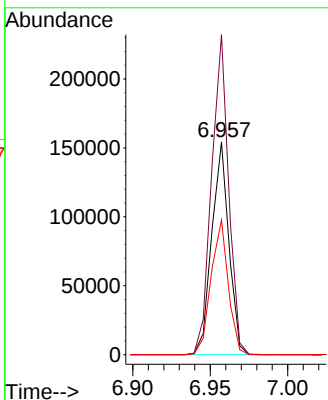
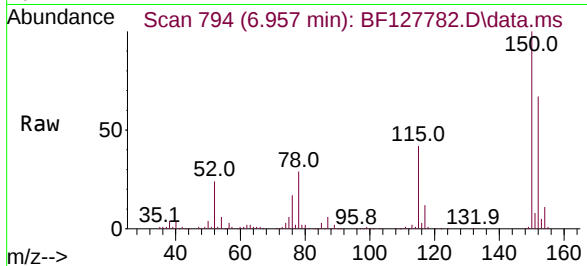




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

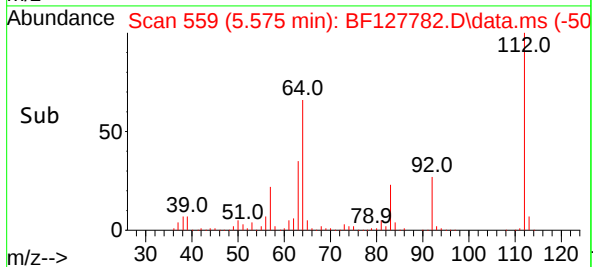
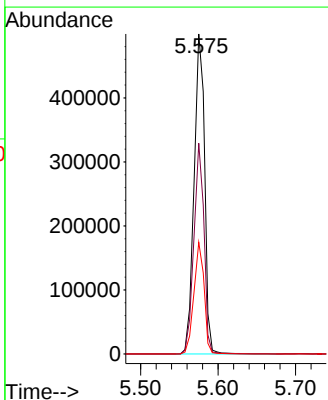
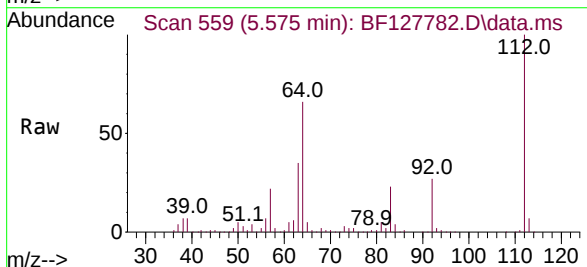
Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion:152 Resp: 118478
Ion Ratio Lower Upper
152 100
150 150.4 117.2 175.8
115 63.3 49.8 74.6



#5
2-Fluorophenol
Concen: 64.743 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

Tgt Ion:112 Resp: 472068
Ion Ratio Lower Upper
112 100
64 65.9 58.4 87.6
63 34.9 30.1 45.1

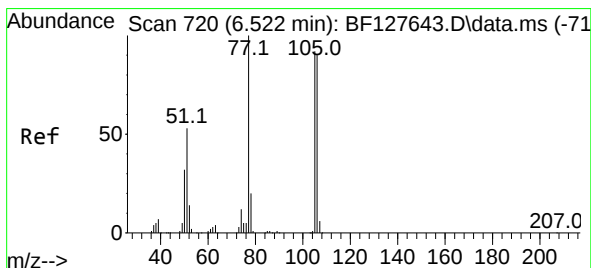
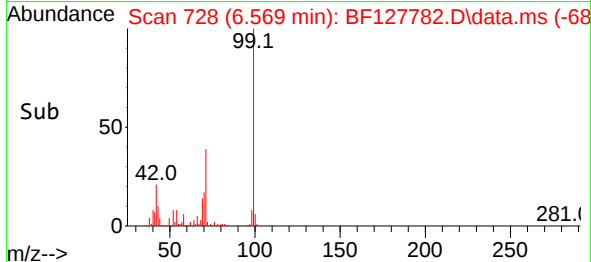
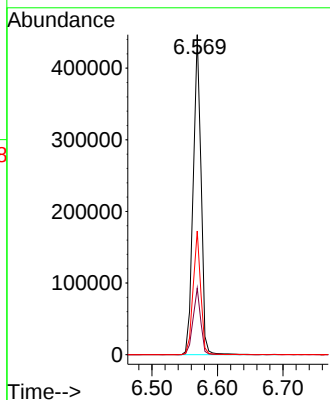
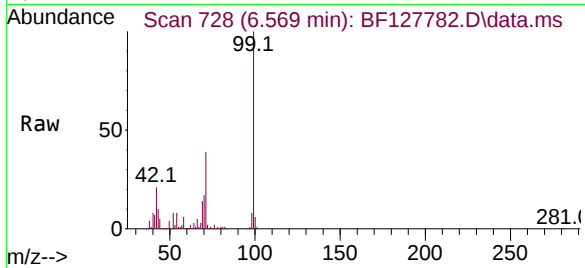




#7
Phenol-d6
Concen: 39.118 ng
RT: 6.569 min Scan# 717
Delta R.T. -0.018 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

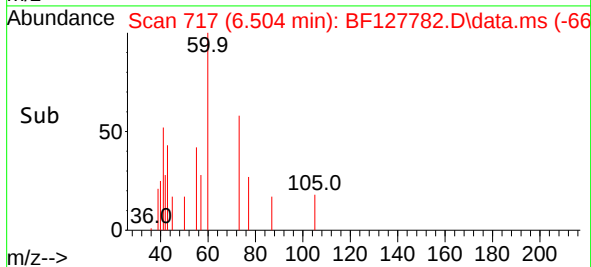
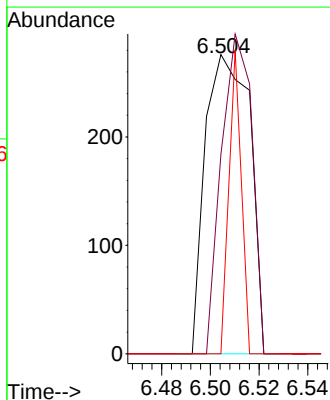
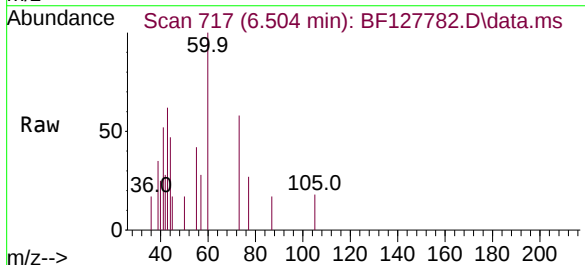
Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion: 99 Resp: 373137
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 38.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

Tgt Ion: 77 Resp: 350
Ion Ratio Lower Upper
77 100
105 66.7 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 18.498 ng

RT: 7.522 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

Instrument :

BNA_F

ClientSampleId :

MW-26

Tgt Ion: 70 Resp: 114123

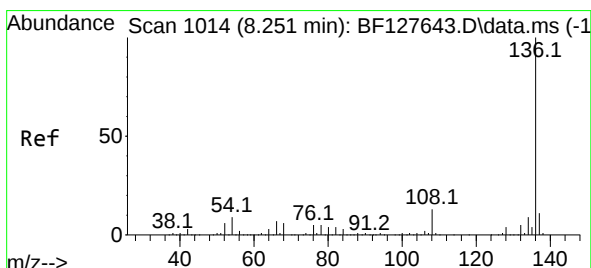
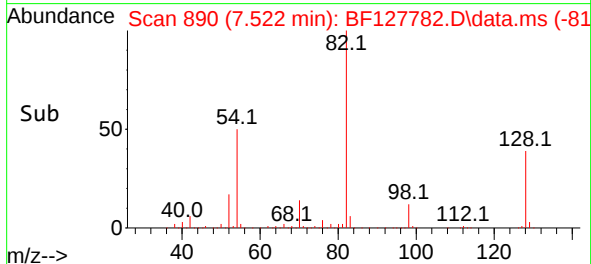
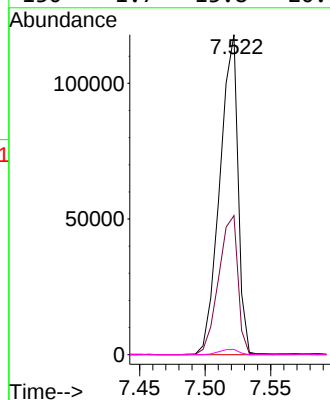
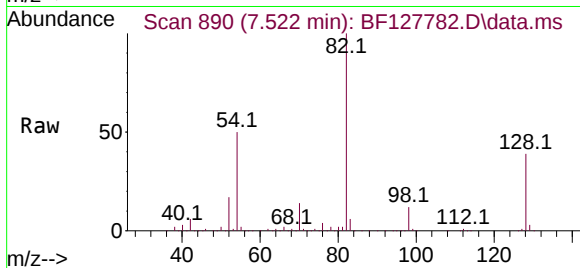
Ion Ratio Lower Upper

70 100

42 43.5 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: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

Tgt Ion:136 Resp: 427875

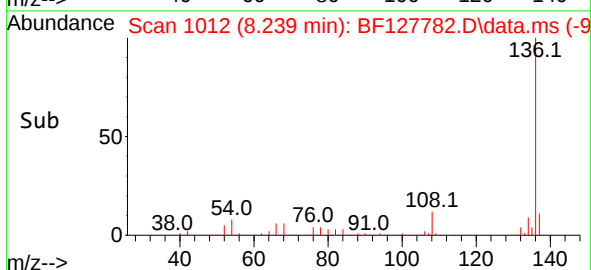
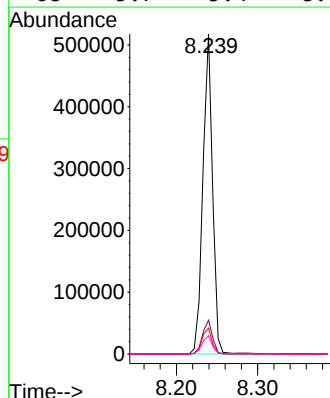
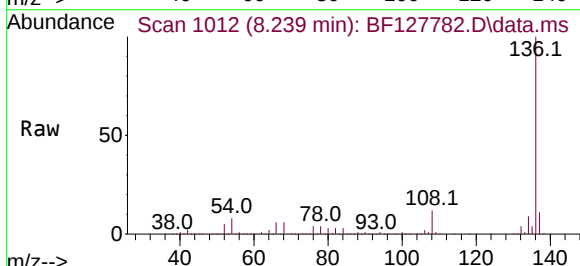
Ion Ratio Lower Upper

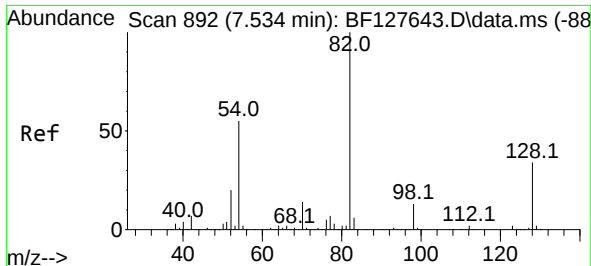
136 100

137 10.5 8.6 13.0

54 8.1 9.2 13.8#

68 5.7 5.4 8.0

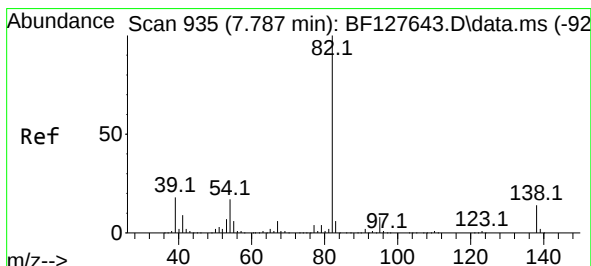
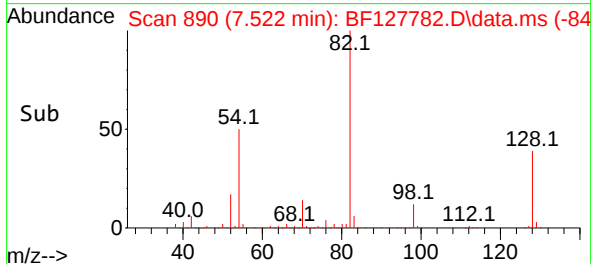
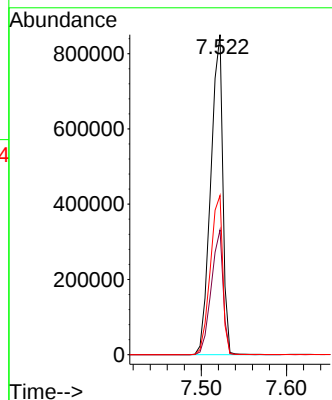
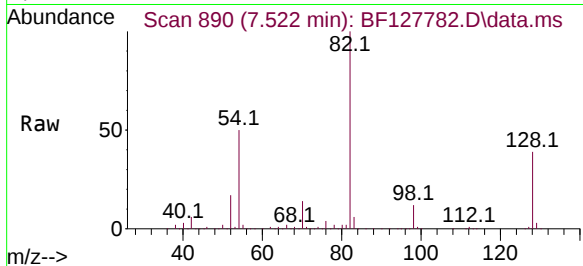




#23
Nitrobenzene-d5
Concen: 87.188 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

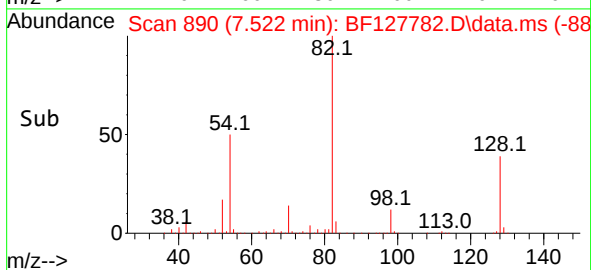
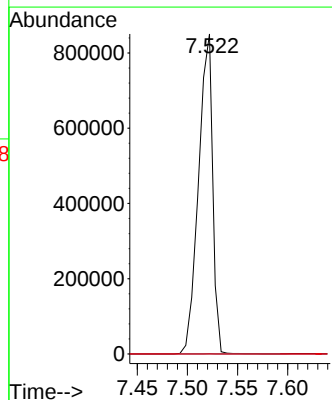
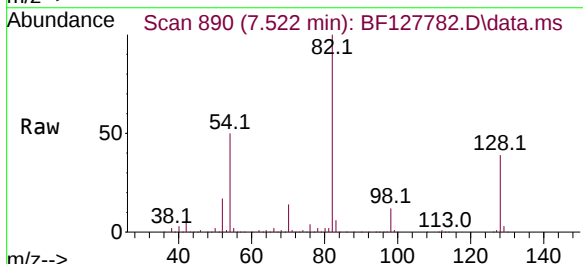
Instrument :
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Tgt Ion: 82 Resp: 836799
Ion Ratio Lower Upper
82 100
128 39.0 30.6 45.8
54 49.7 48.2 72.2



#25
Isophorone
Concen: 49.792 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

Tgt Ion: 82 Resp: 833870
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

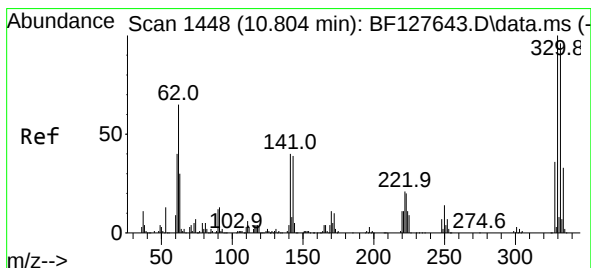
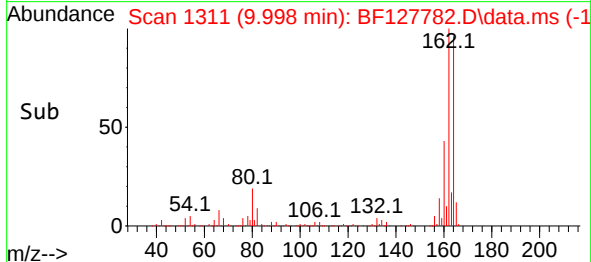
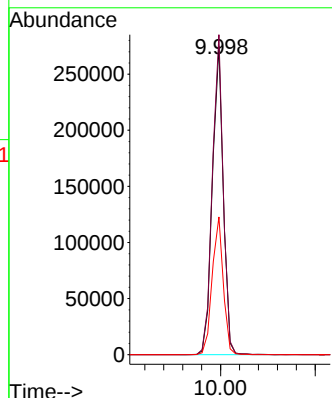
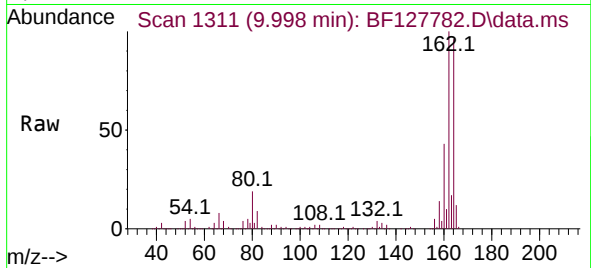




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

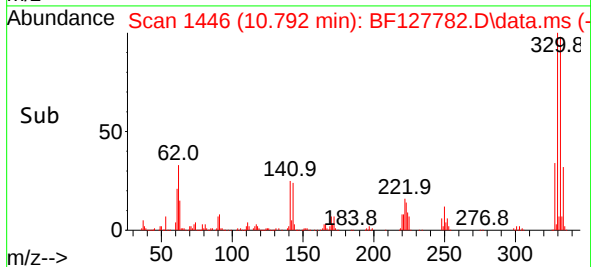
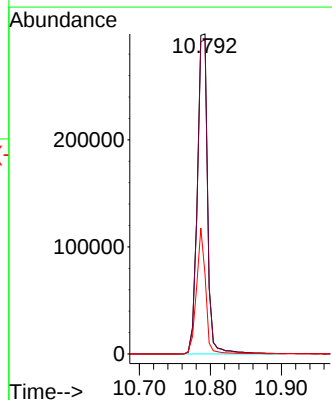
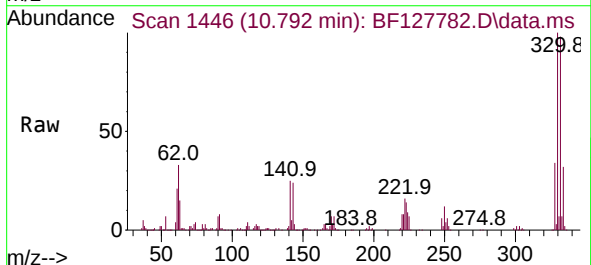
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ClientSampleId :
MW-26

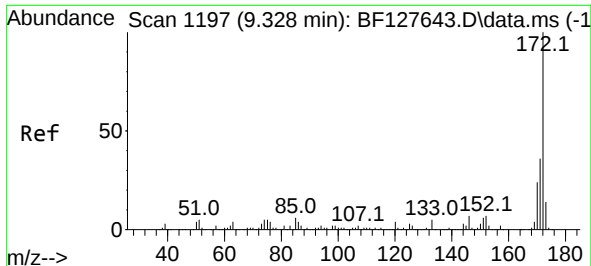
Tgt Ion:164 Resp: 219100
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 44.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 128.910 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

Tgt Ion:330 Resp: 300561
Ion Ratio Lower Upper
330 100
332 98.3 79.1 118.7
141 34.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 91.157 ng

RT: 9.316 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

Instrument :

BNA_F

ClientSampleId :

MW-26

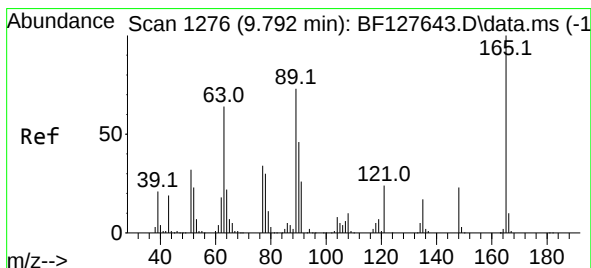
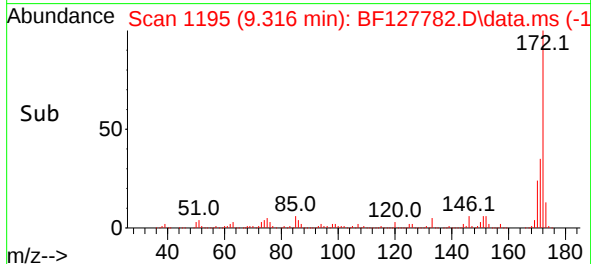
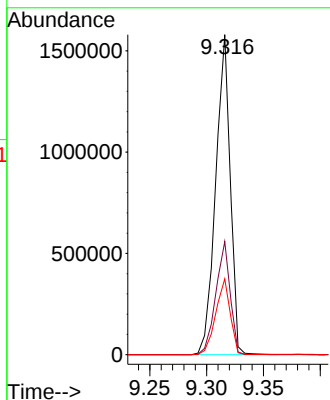
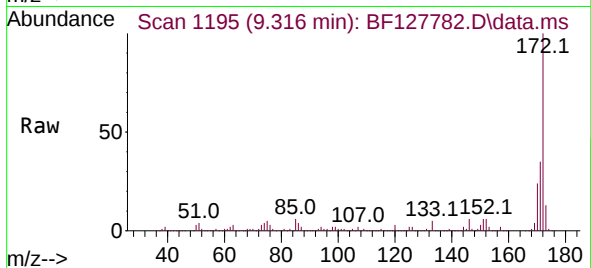
Tgt Ion:172 Resp: 1411814

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.445 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

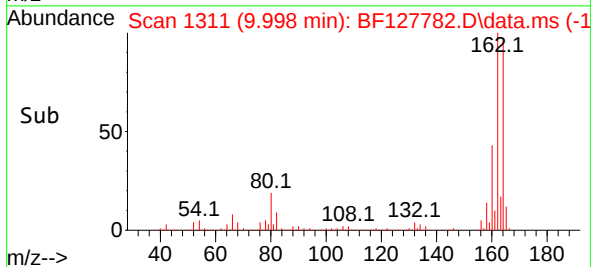
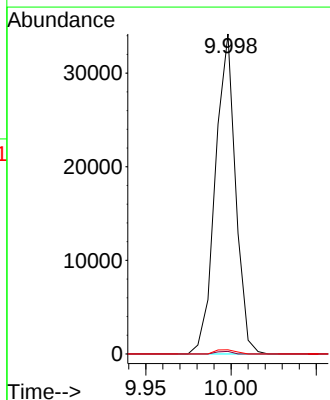
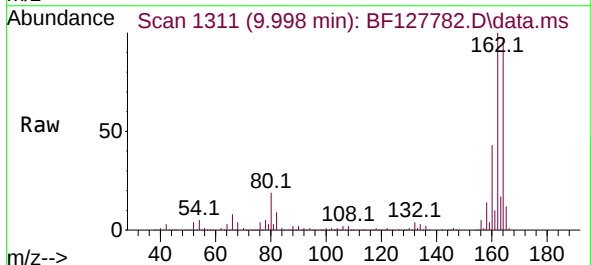
Tgt Ion:165 Resp: 28276

Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.3 51.5 77.3#

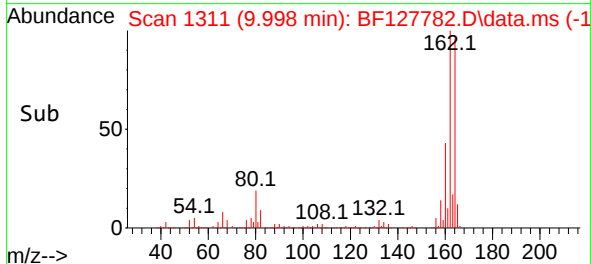
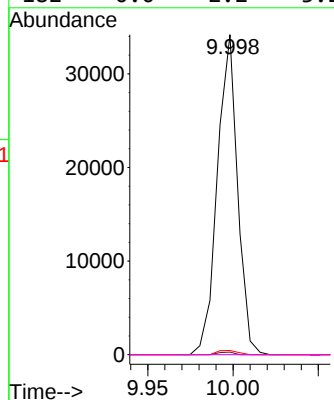
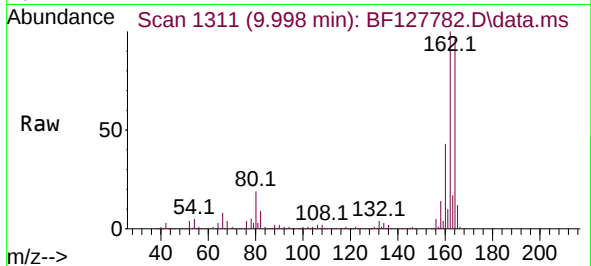




#57
2,4-Dinitrotoluene
Concen: 7.619 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

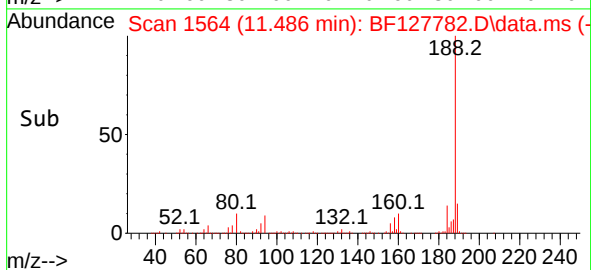
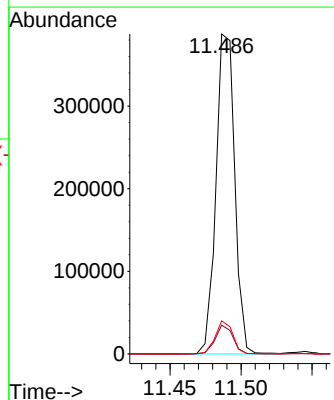
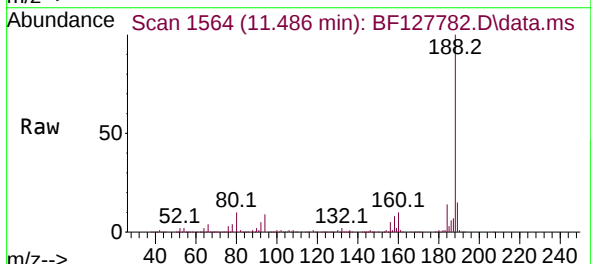
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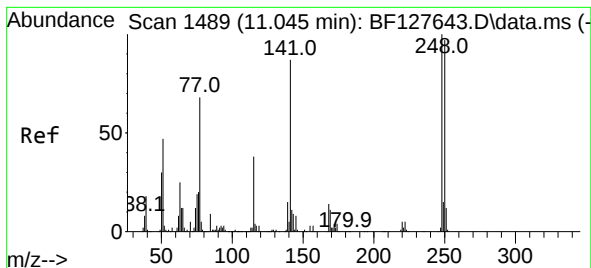
Tgt Ion:165 Resp: 28276
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

Tgt Ion:188 Resp: 356202
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.3 8.0 12.0

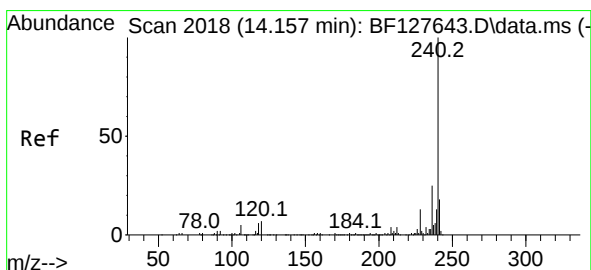
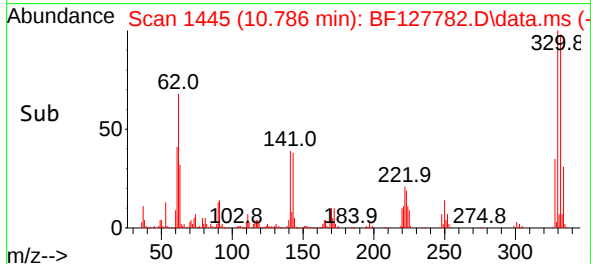
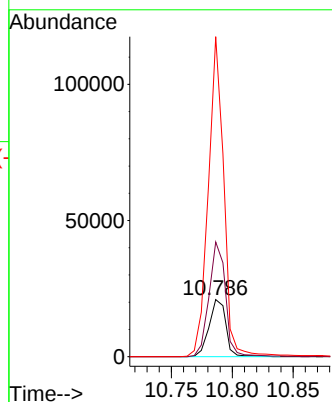
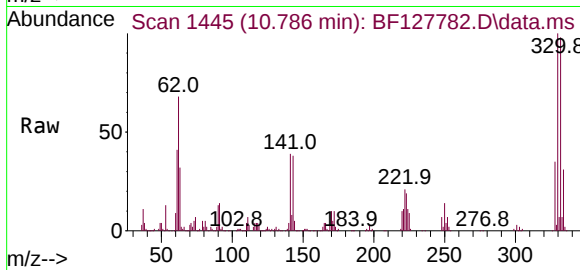




#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

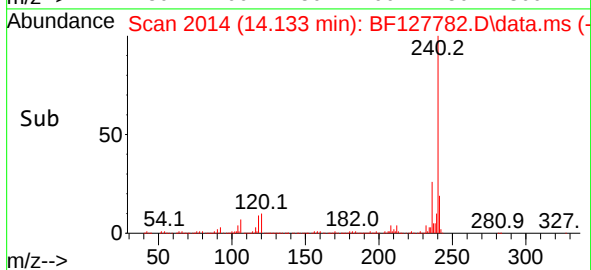
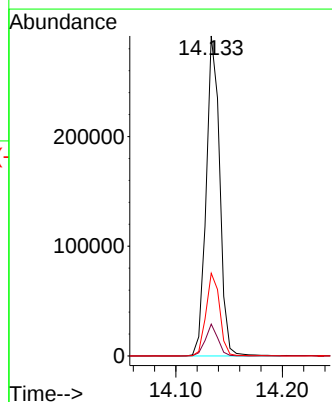
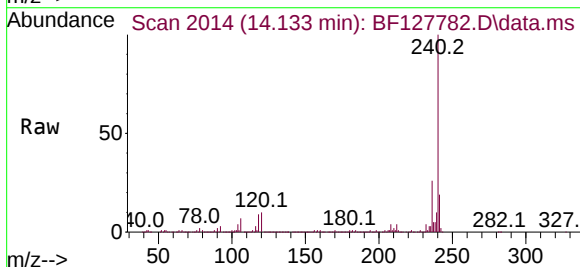
Instrument :
BNA_F
ClientSampleId :
MW-26

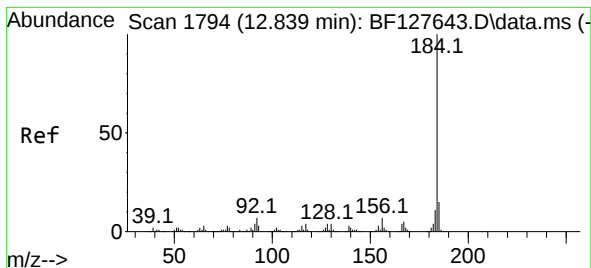
Tgt Ion:248 Resp: 20053
Ion Ratio Lower Upper
248 100
250 201.1 76.6 115.0#
141 560.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127782.D
Acq: 13 Apr 2022 14:13

Tgt Ion:240 Resp: 258526
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.8 20.7 31.1





#77

Benzidine

Concen: 2.623 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.253 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

Instrument :

BNA_F

ClientSampleId :

MW-26

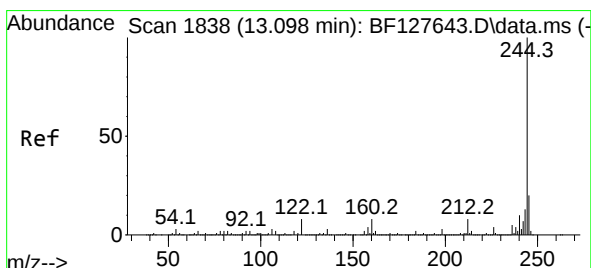
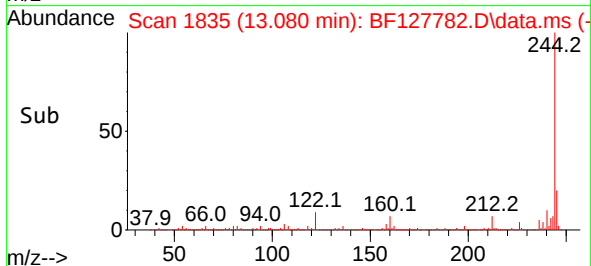
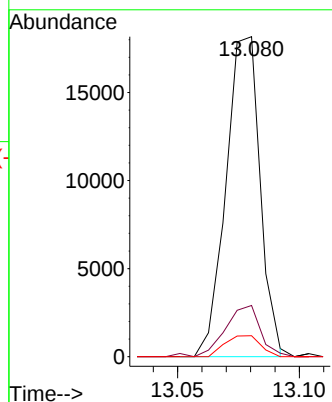
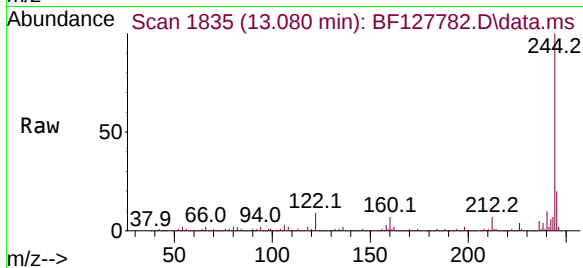
Tgt Ion:184 Resp: 17699

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 6.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 80.180 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

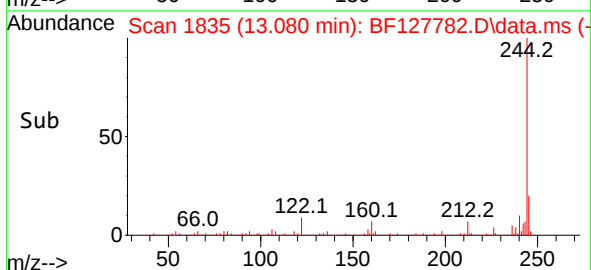
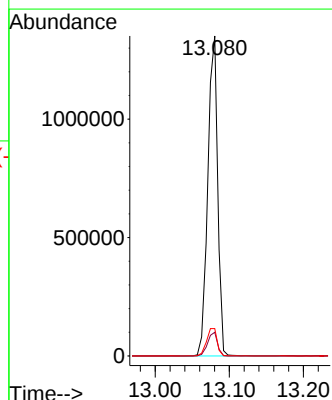
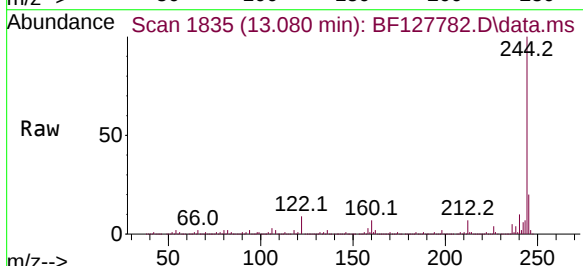
Tgt Ion:244 Resp: 1255815

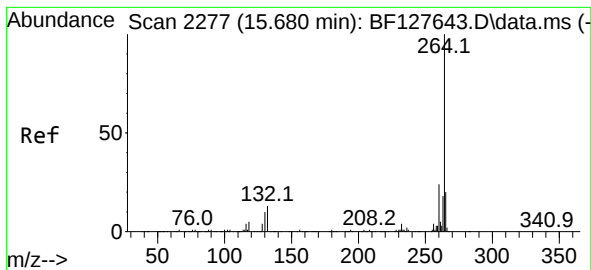
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 8.6 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127782.D

Acq: 13 Apr 2022 14:13

Instrument :

BNA_F

ClientSampleId :

MW-26

Tgt Ion:264 Resp: 300715

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.9 17.4 26.2

