

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127787.D
 Acq On : 13 Apr 2022 16:42
 Operator : CG\JU
 Sample : N2333-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11R

Quant Time: Apr 14 02:33:44 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)

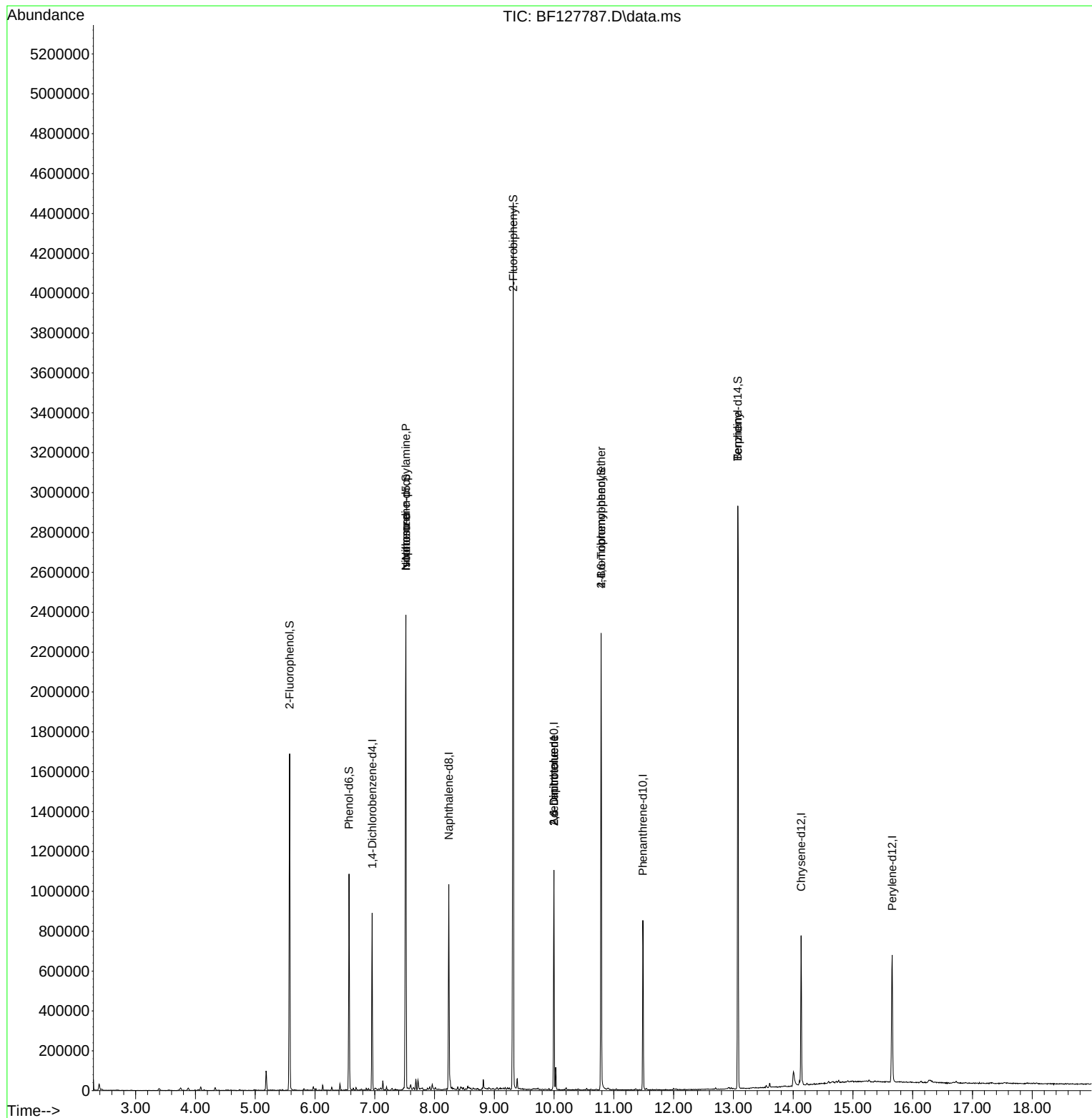
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	117734	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	406842	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	203507	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	307355	20.000	ng	0.00
76) Chrysene-d12	14.133	240	251718	20.000	ng	-0.01
86) Perylene-d12	15.657	264	306665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	401873	55.464	ng	0.00
7) Phenol-d6	6.569	99	303970	32.068	ng	-0.02
23) Nitrobenzene-d5	7.522	82	803344	88.030	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	258913	119.556	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1348895	93.768	ng	0.00
79) Terphenyl-d14	13.074	244	1049149	68.796	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	299	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.522	70	108583	17.711	ng	# 76
25) Isophorone	7.522	82	799875	50.231	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	26483	9.524	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	26483	7.682	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	16949	4.544	ng	# 1
77) Benzydine	13.074	184	14603	2.223	ng	# 91

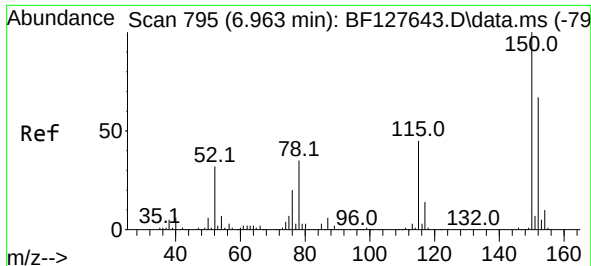
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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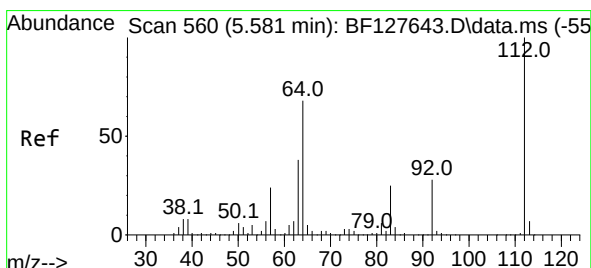
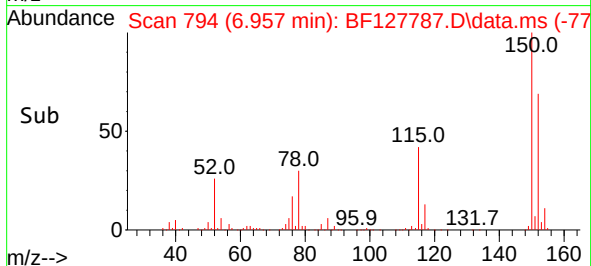
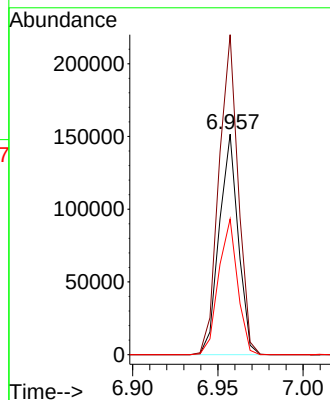
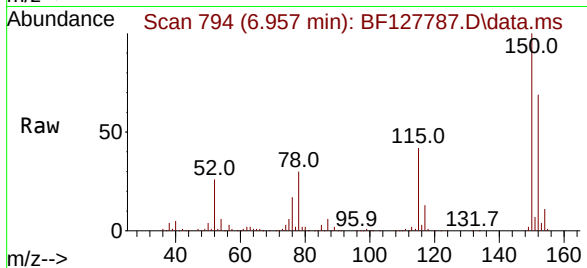




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF127787.D
 Acq: 13 Apr 2022 16:42

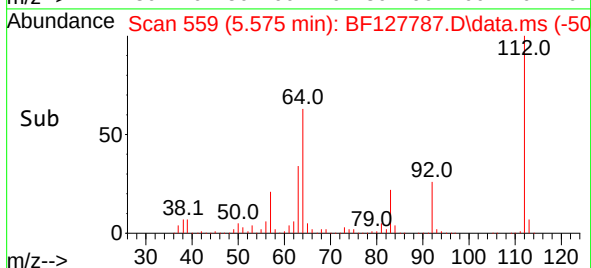
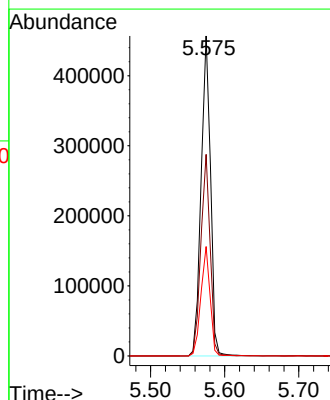
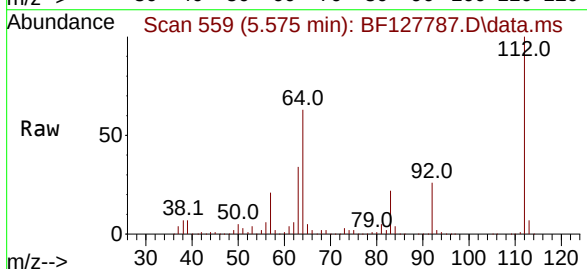
Instrument :
 BNA_F
 ClientSampleId :
 MW-11R

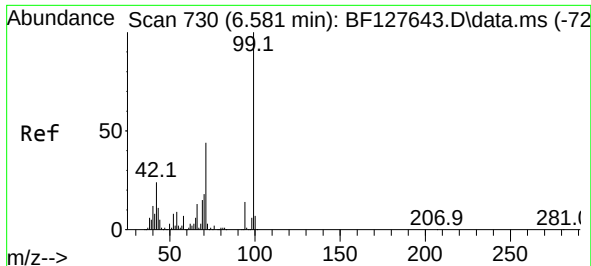
Tgt Ion:152 Resp: 117734
 Ion Ratio Lower Upper
 152 100
 150 145.1 117.2 175.8
 115 61.5 49.8 74.6



#5
 2-Fluorophenol
 Concen: 55.464 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127787.D
 Acq: 13 Apr 2022 16:42

Tgt Ion:112 Resp: 401873
 Ion Ratio Lower Upper
 112 100
 64 63.0 58.4 87.6
 63 34.2 30.1 45.1

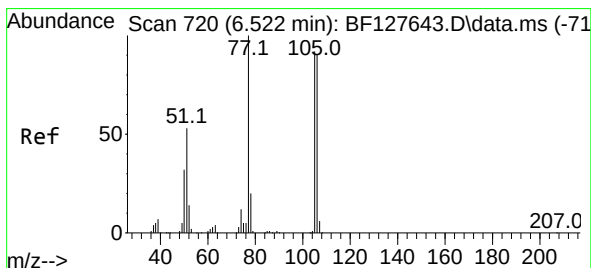
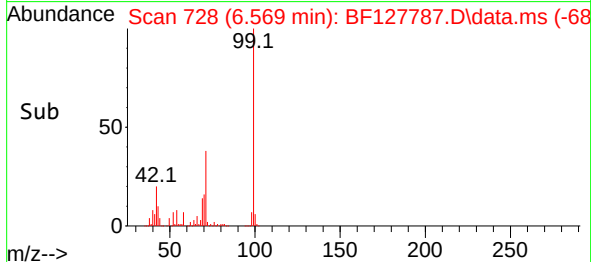
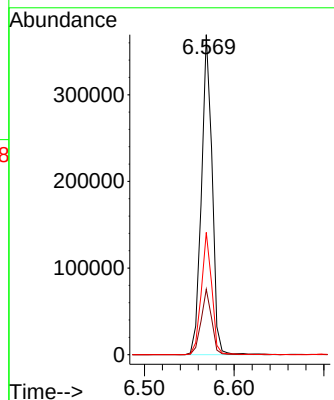
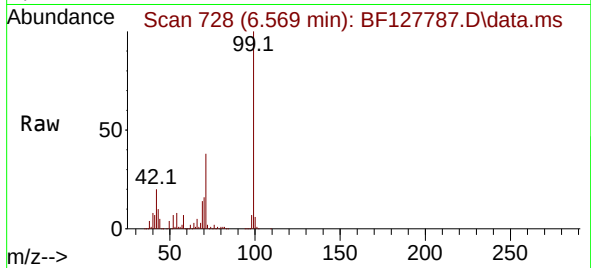




#7
Phenol-d6
Concen: 32.068 ng
RT: 6.569 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

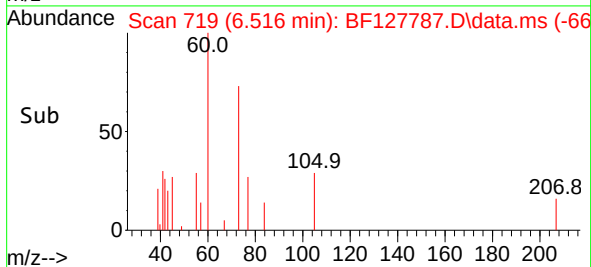
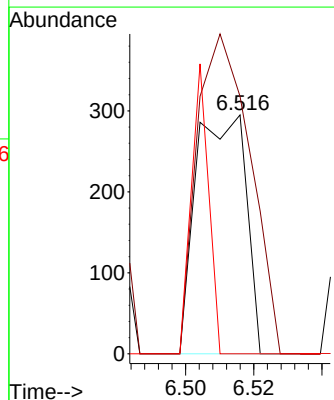
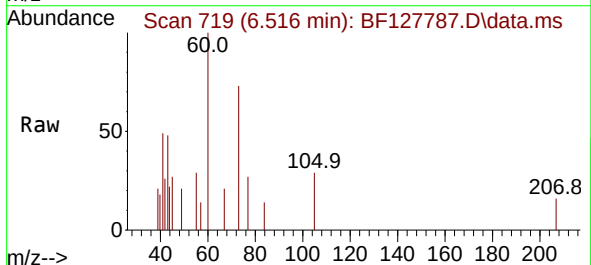
Instrument :
BNA_F
ClientSampleId :
MW-11R

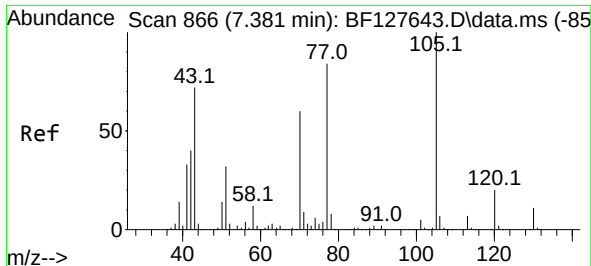
Tgt Ion: 99 Resp: 303970
Ion Ratio Lower Upper
99 100
42 20.4 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

Tgt Ion: 77 Resp: 299
Ion Ratio Lower Upper
77 100
105 107.8 66.8 106.8#
106 0.0 64.3 104.3#

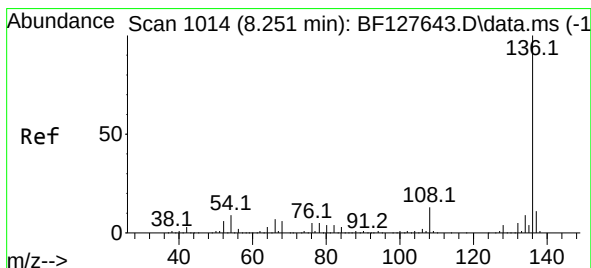
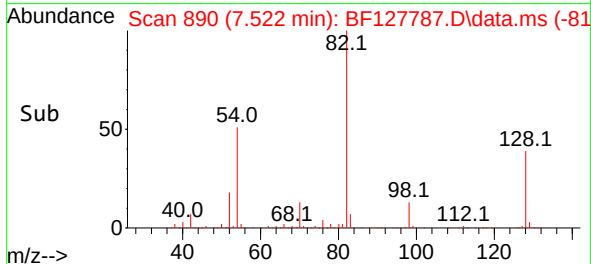
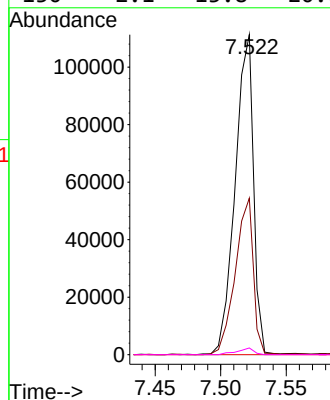
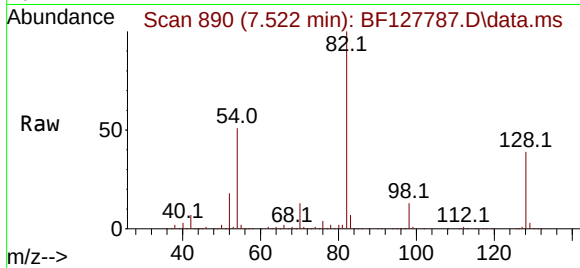




#19
n-Nitroso-di-n-propylamine
Concen: 17.711 ng
RT: 7.522 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

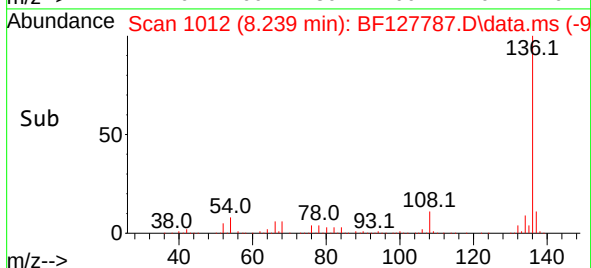
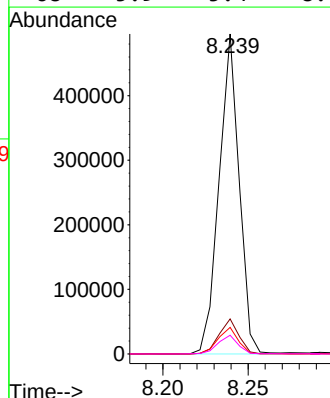
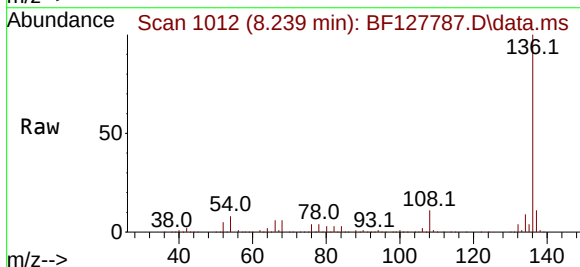
Instrument :
BNA_F
ClientSampleId :
MW-11R

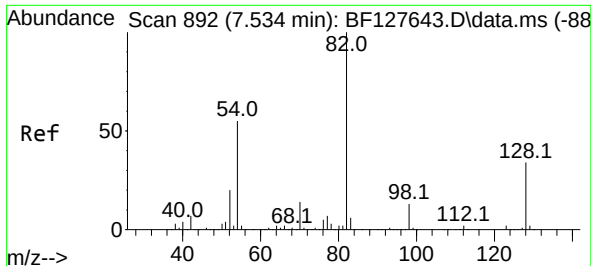
Tgt Ion: 70 Resp: 108583
Ion Ratio Lower Upper
70 100
42 48.9 53.0 79.6#
101 0.0 6.8 10.2#
130 2.1 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

Tgt Ion:136 Resp: 406842
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 9.2 13.8#
68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.030 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127787.D

Acq: 13 Apr 2022 16:42

Instrument :

BNA_F

ClientSampleId :

MW-11R

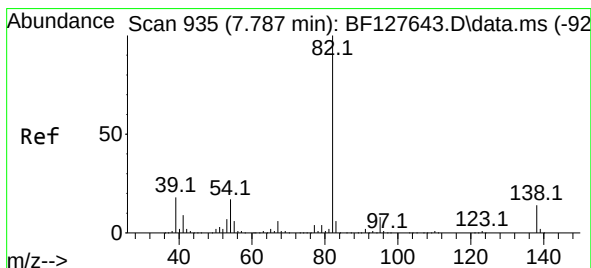
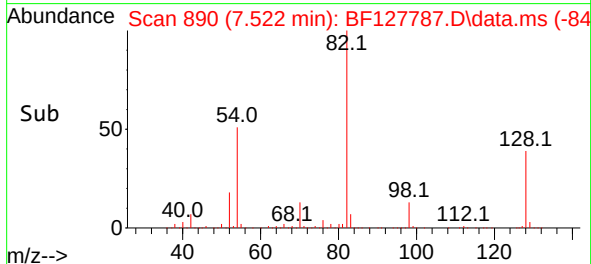
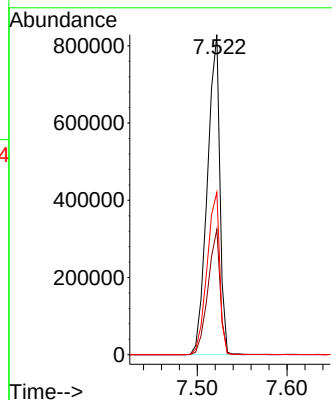
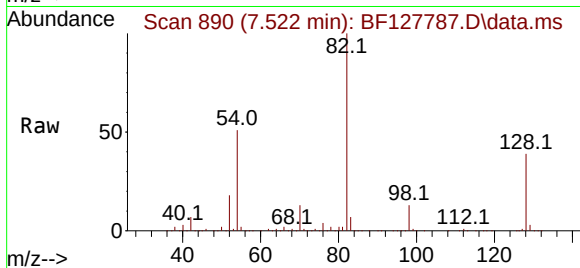
Tgt Ion: 82 Resp: 803344

Ion Ratio Lower Upper

82 100

128 39.2 30.6 45.8

54 50.7 48.2 72.2



#25

Isophorone

Concen: 50.231 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127787.D

Acq: 13 Apr 2022 16:42

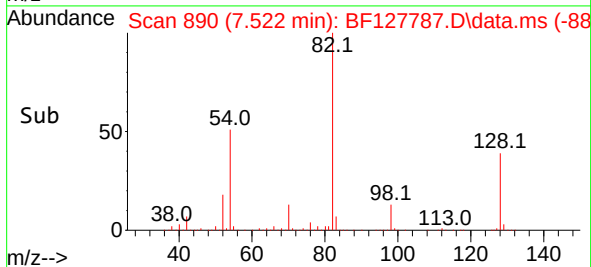
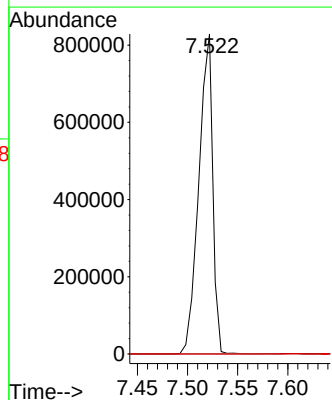
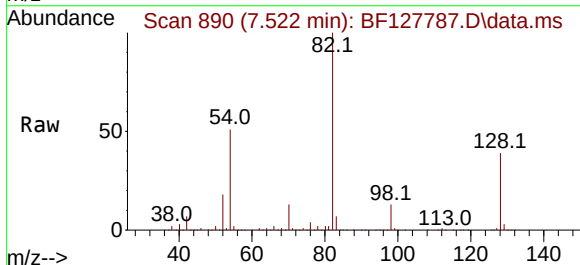
Tgt Ion: 82 Resp: 799875

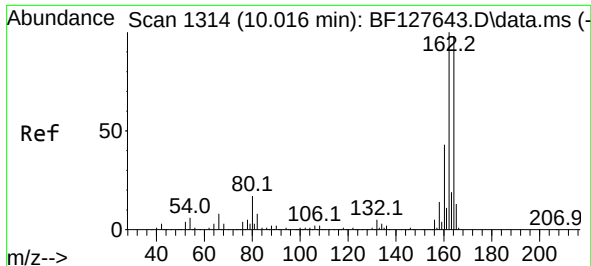
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

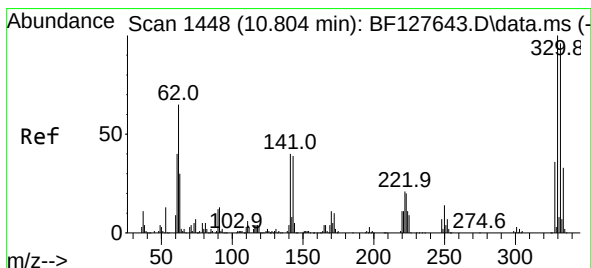
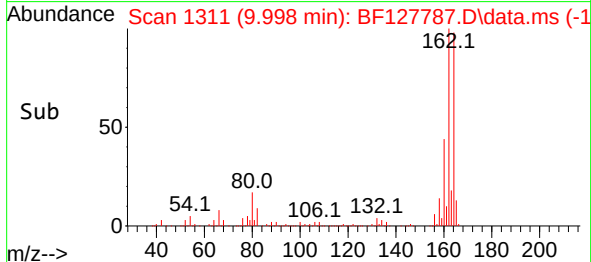
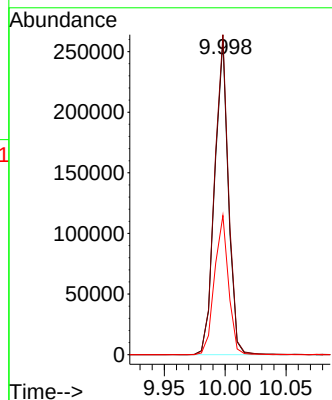
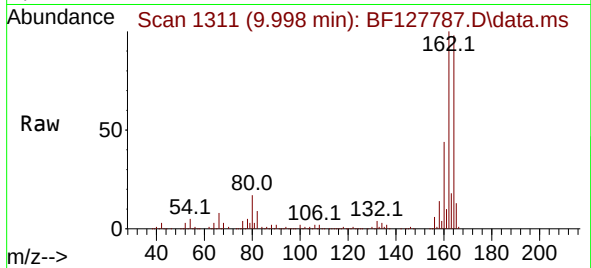




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

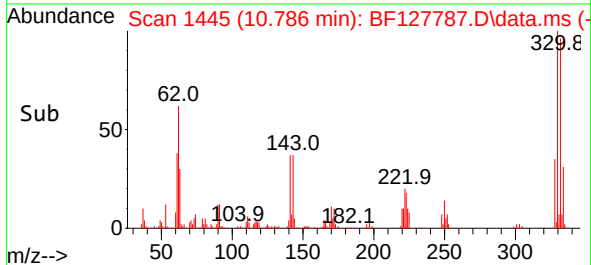
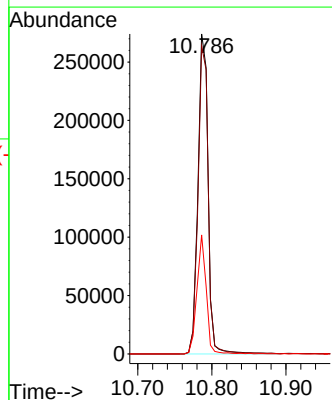
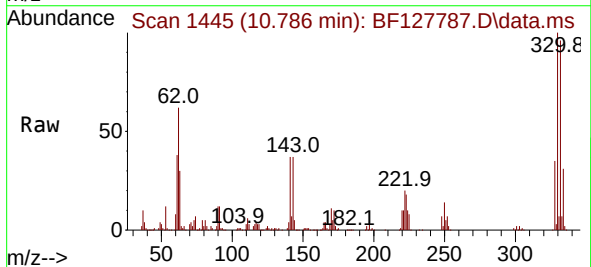
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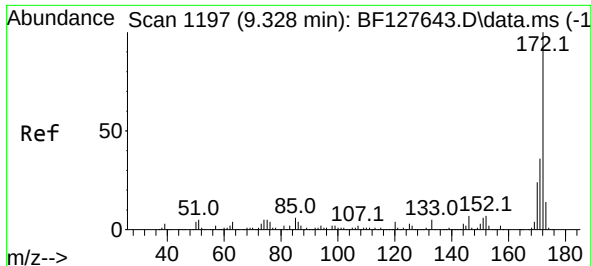
Tgt Ion:164 Resp: 203507
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 44.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 119.556 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

Tgt Ion:330 Resp: 258913
Ion Ratio Lower Upper
330 100
332 97.5 79.1 118.7
141 34.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 93.768 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127787.D

Acq: 13 Apr 2022 16:42

Instrument :

BNA_F

ClientSampleId :

MW-11R

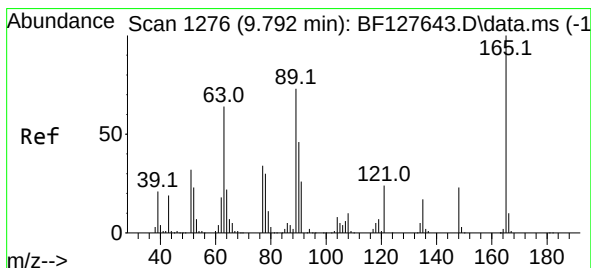
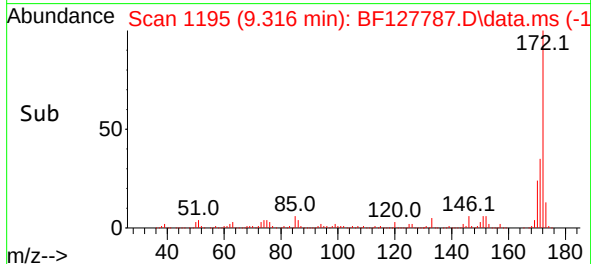
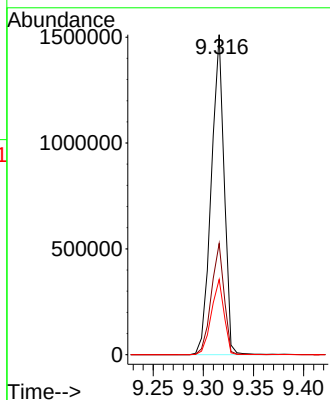
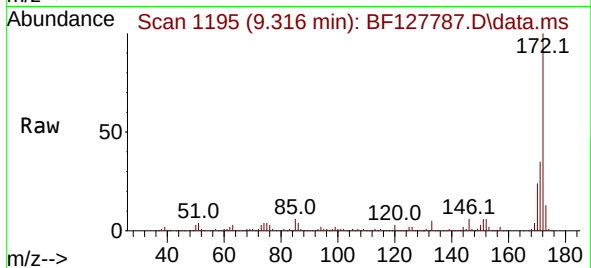
Tgt Ion:172 Resp: 1348895

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.524 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127787.D

Acq: 13 Apr 2022 16:42

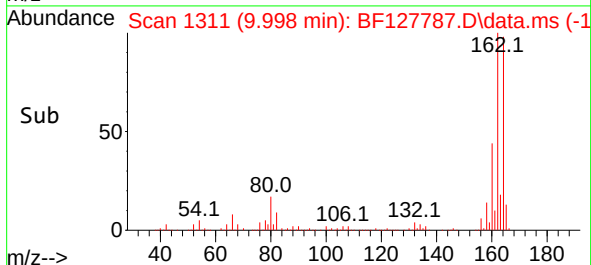
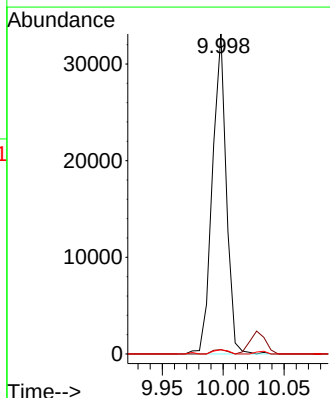
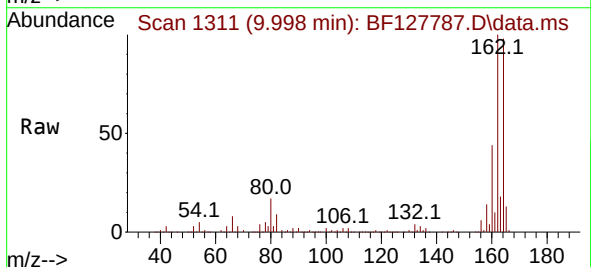
Tgt Ion:165 Resp: 26483

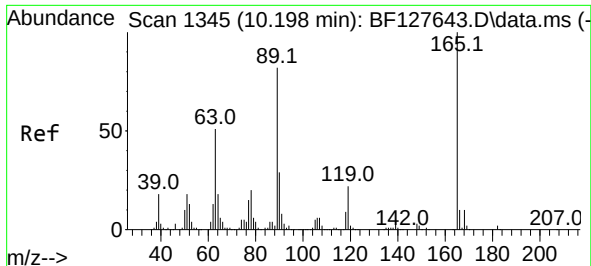
Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.3 51.5 77.3#

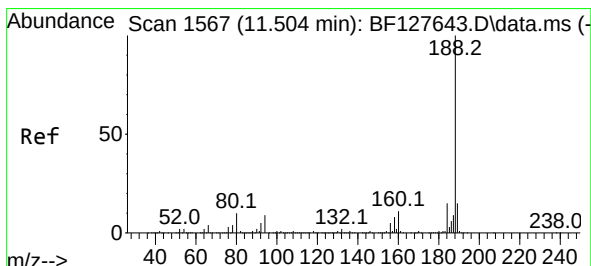
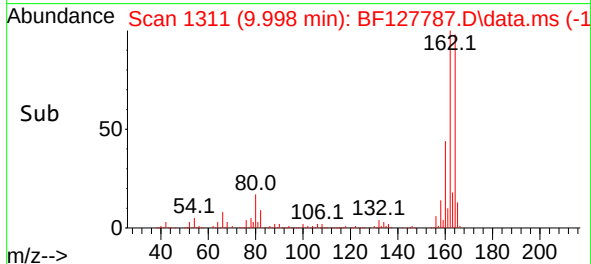
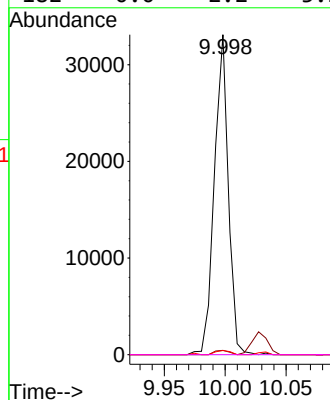
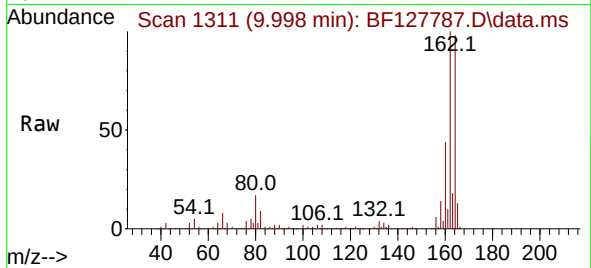




#57
2,4-Dinitrotoluene
Concen: 7.682 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

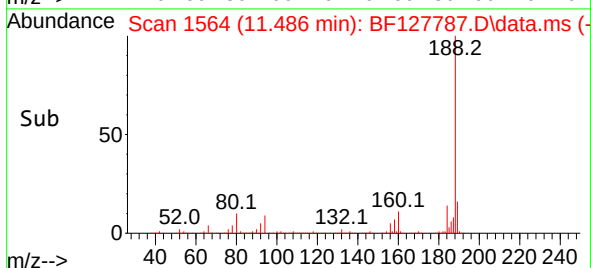
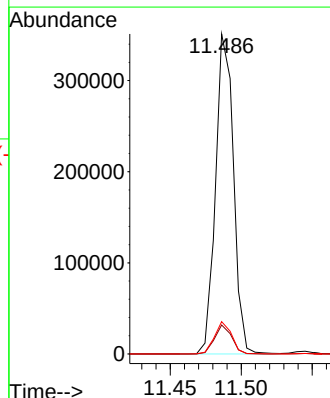
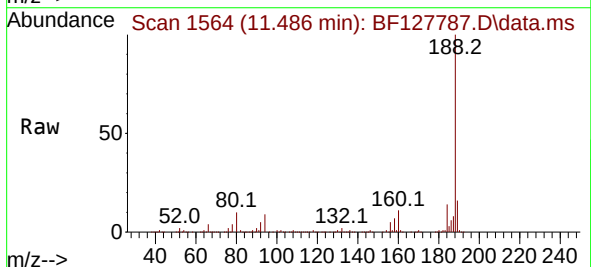
Instrument :
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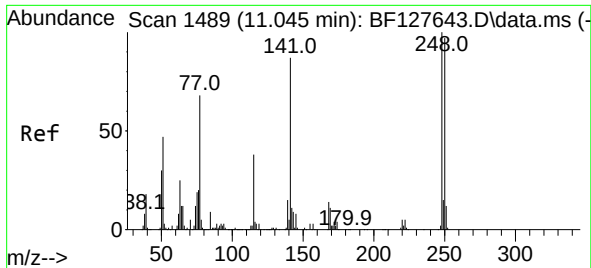
Tgt Ion:165 Resp: 26483
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

Tgt Ion:188 Resp: 307355
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.1 8.0 12.0

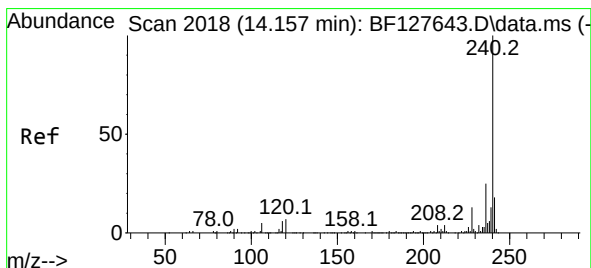
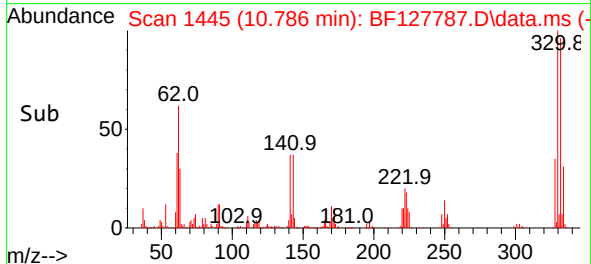
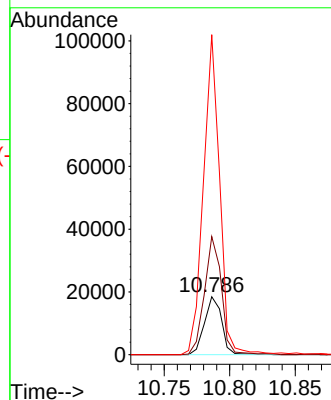
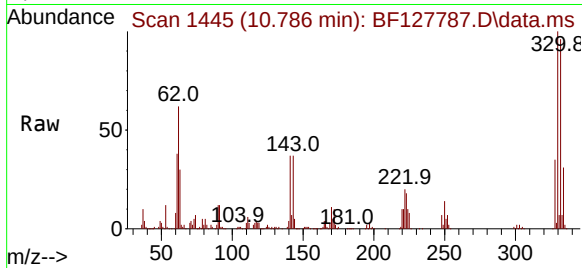




#67
4-Bromophenyl-phenylether
Concen: 4.544 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

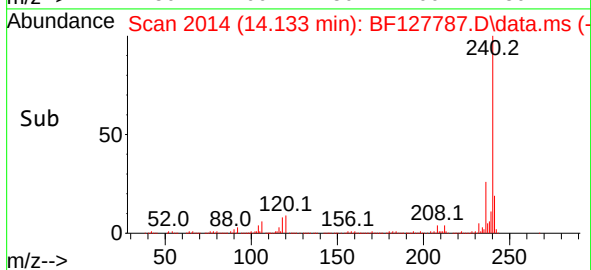
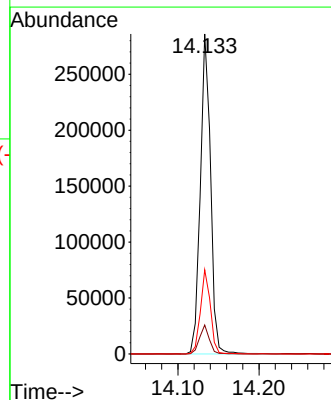
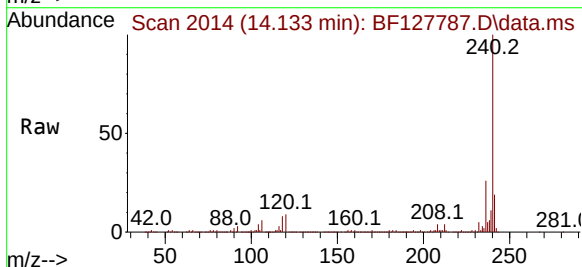
Instrument :
BNA_F
ClientSampleId :
MW-11R

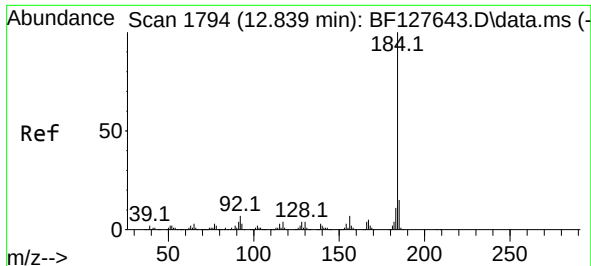
Tgt Ion:248 Resp: 16949
Ion Ratio Lower Upper
248 100
250 204.2 76.6 115.0#
141 553.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

Tgt Ion:240 Resp: 251718
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.3 20.7 31.1

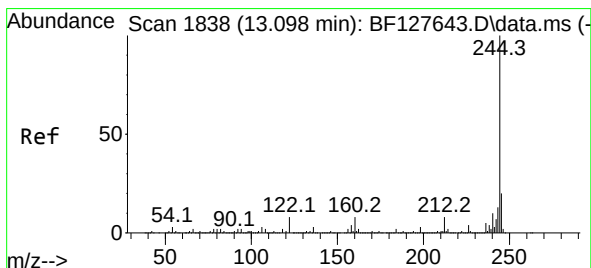
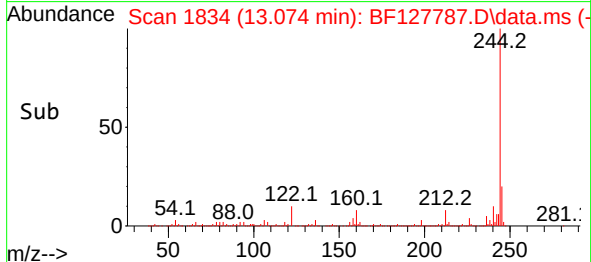
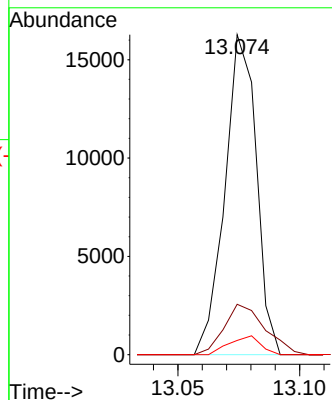
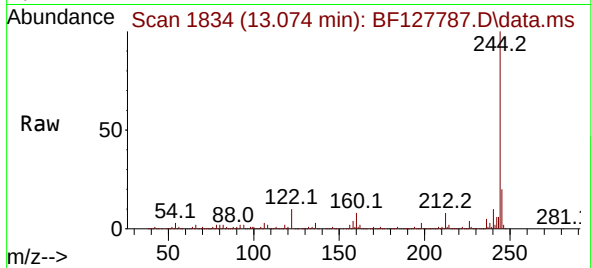




#77
Benzidine
Concen: 2.223 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

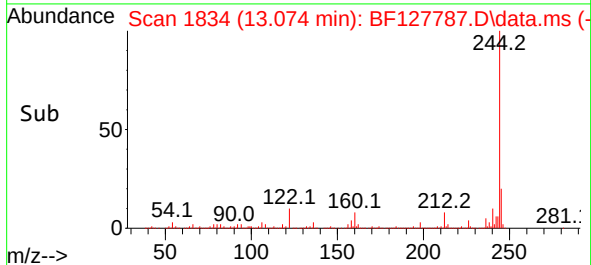
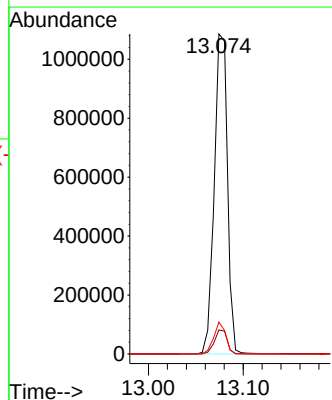
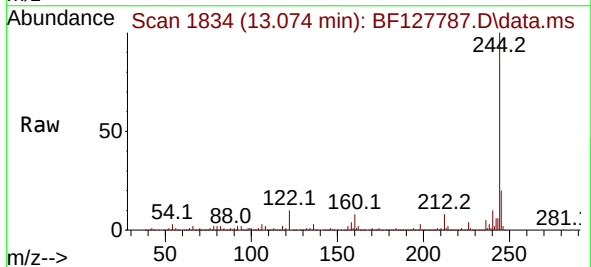
Instrument :
BNA_F
ClientSampleId :
MW-11R

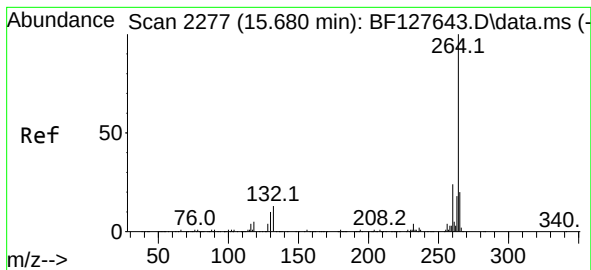
Tgt Ion:184 Resp: 14603
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 4.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 68.796 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

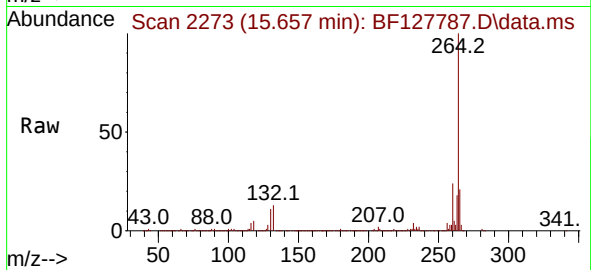
Tgt Ion:244 Resp: 1049149
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.0 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127787.D
Acq: 13 Apr 2022 16:42

Instrument :
BNA_F
ClientSampleId :
MW-11R



Tgt Ion:264 Resp: 306665
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 20.9 17.4 26.2

