

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127078.D
 Acq On : 25 Feb 2022 18:41
 Operator : CG\JU
 Sample : N1669-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRAKER-PEDESTALS

Quant Time: Feb 26 01:40:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

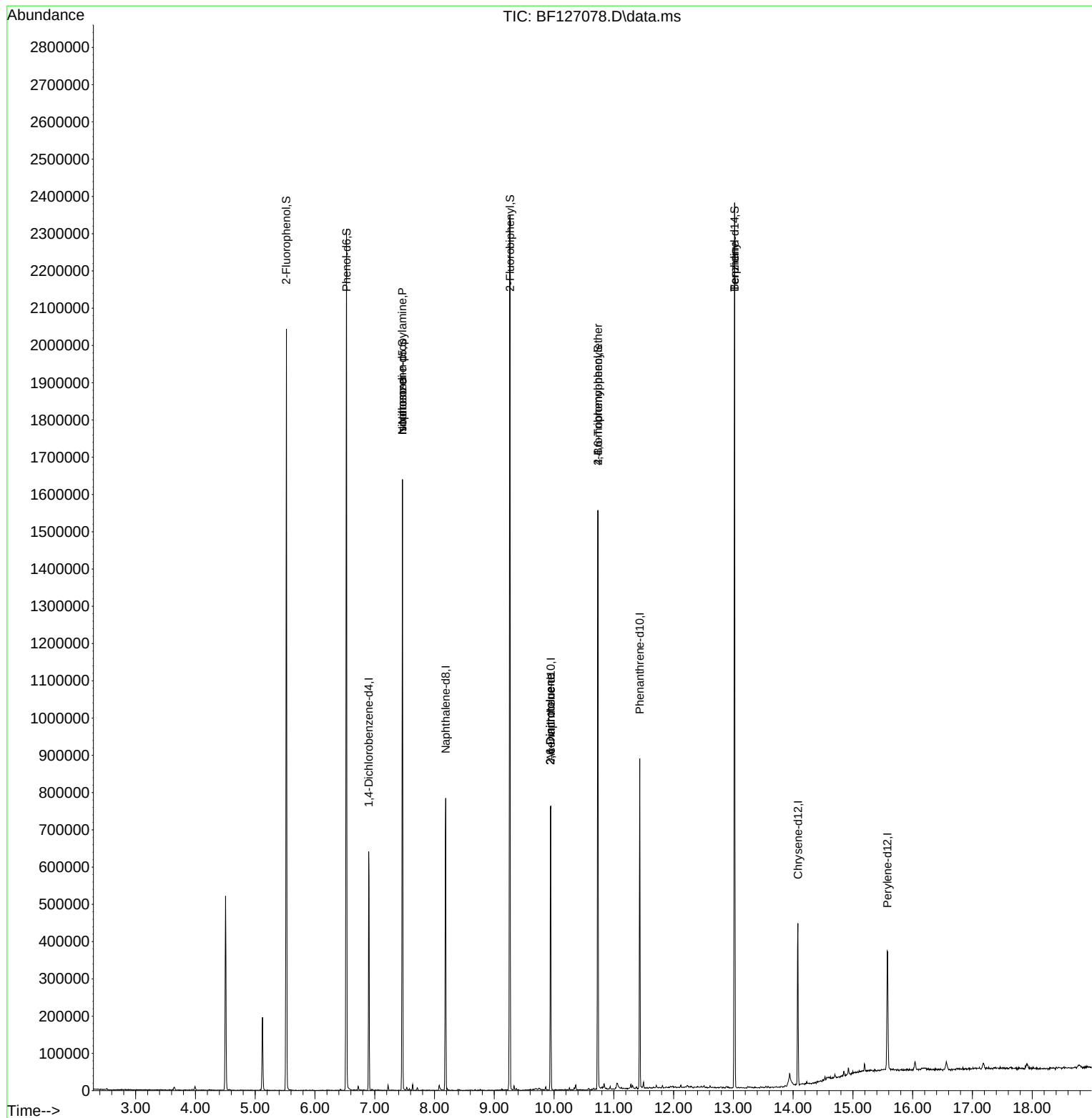
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86735	20.000	ng	-0.01
21) Naphthalene-d8	8.187	136	312353	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	154079	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	261566	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	141533	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	142639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	450565	80.288	ng	0.00
7) Phenol-d6	6.528	99	692566	91.460	ng	-0.01
23) Nitrobenzene-d5	7.463	82	479757	69.328	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	157412	88.732	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	710473	67.882	ng	0.00
79) Terphenyl-d14	13.022	244	708694	73.609	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	65351	13.393	ng	# 79
25) Isophorone	7.463	82	478381	41.777	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	20226	9.027	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	20226	6.676	ng	# 15
67) 4-Bromophenyl-phenylether	10.733	248	10154	3.474	ng	# 1
77) Benzidine	13.022	184	11765	3.059	ng	# 91

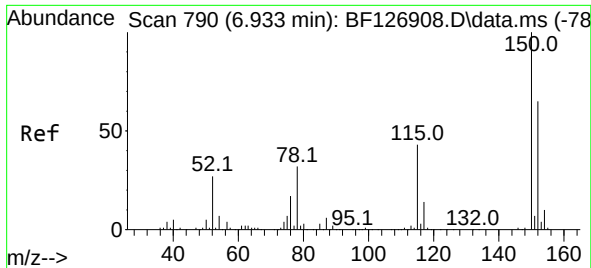
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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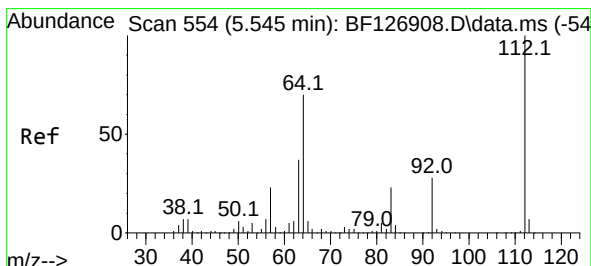
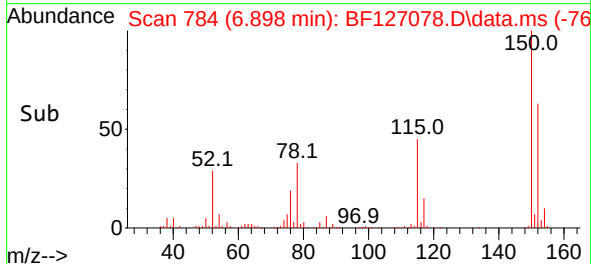
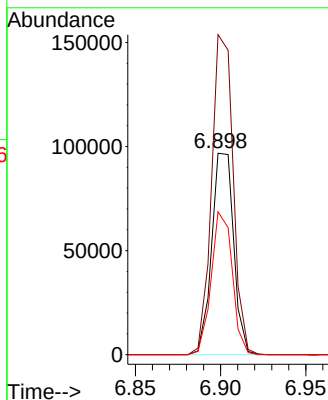
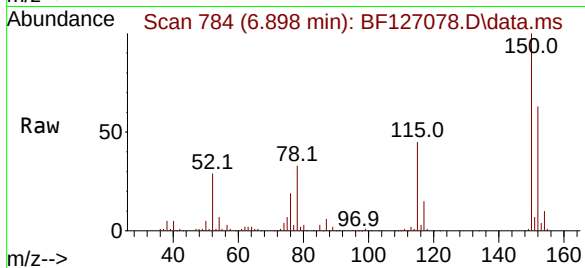




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

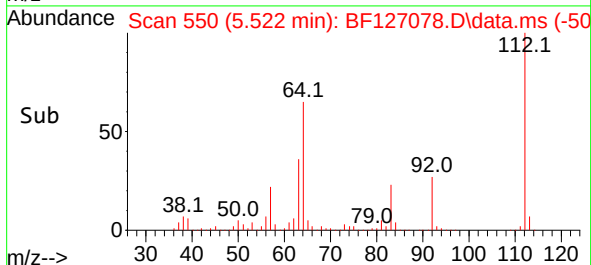
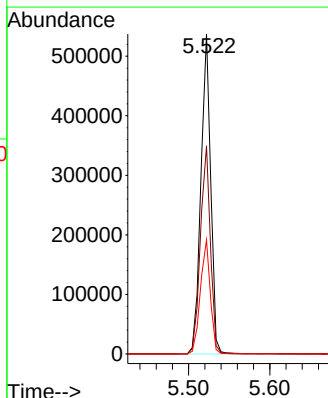
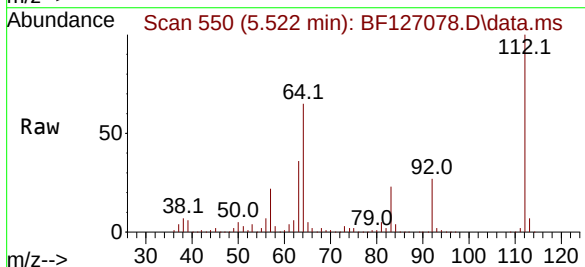
Instrument :
BNA_F
ClientSampleId :
BRAKER-PEDESTALS

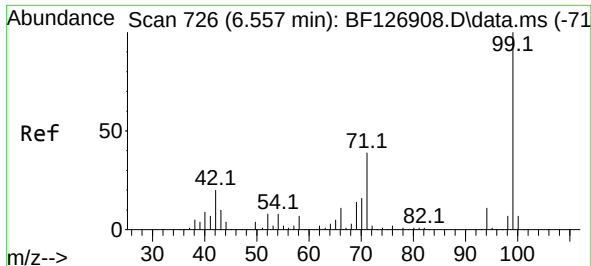
Tgt Ion:152 Resp: 86735
Ion Ratio Lower Upper
152 100
150 158.9 128.1 192.1
115 70.9 56.7 85.1



#5
2-Fluorophenol
Concen: 80.288 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Tgt Ion:112 Resp: 450565
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 35.7 23.9 35.9

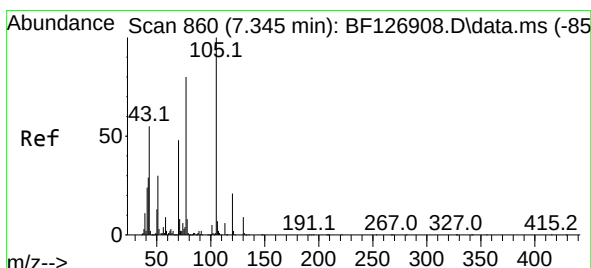
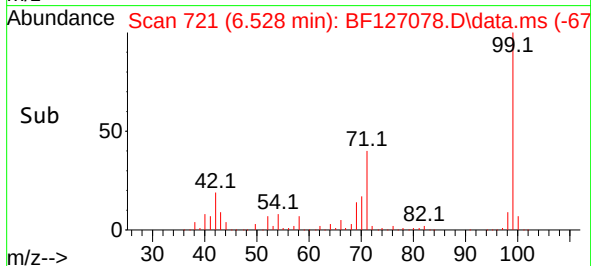
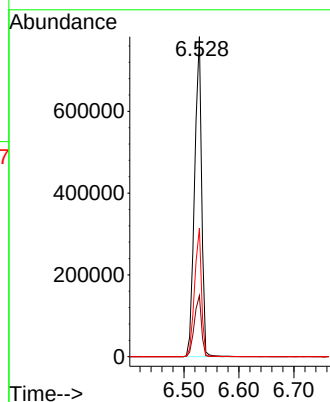
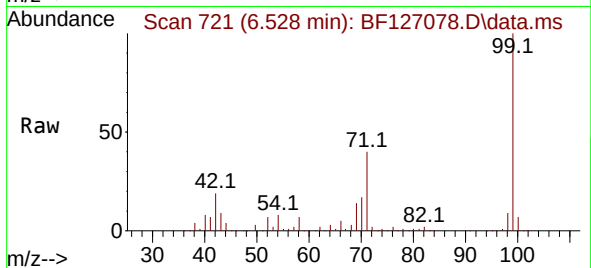




#7
Phenol-d6
Concen: 91.460 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

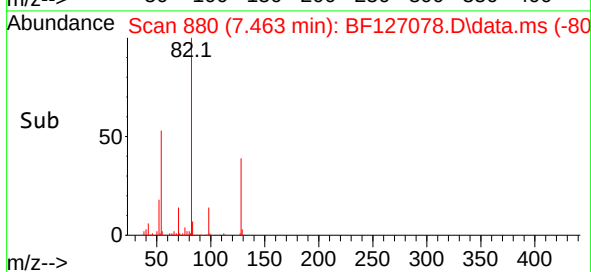
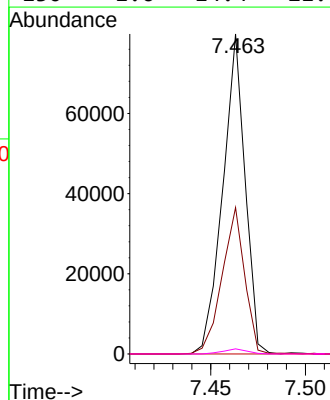
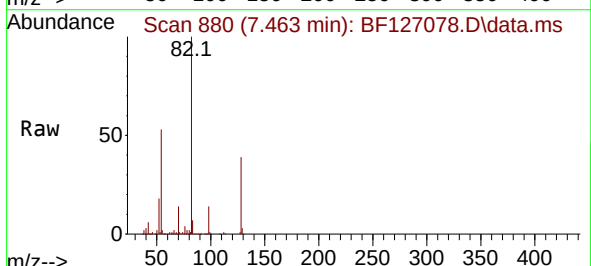
Instrument :
BNA_F
ClientSampleId :
BRAKER-PEDESTALS

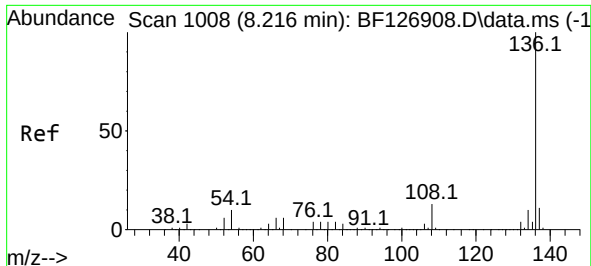
Tgt Ion: 99 Resp: 692566
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 40.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.393 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

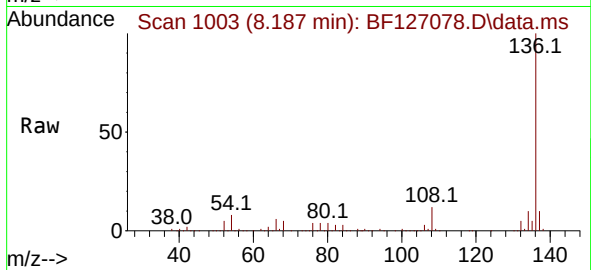
Tgt Ion: 70 Resp: 65351
Ion Ratio Lower Upper
70 100
42 45.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



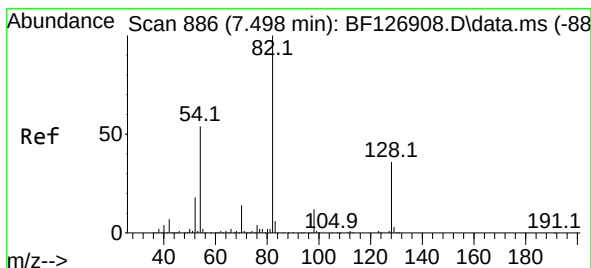
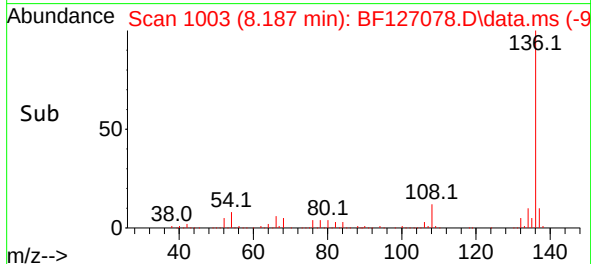
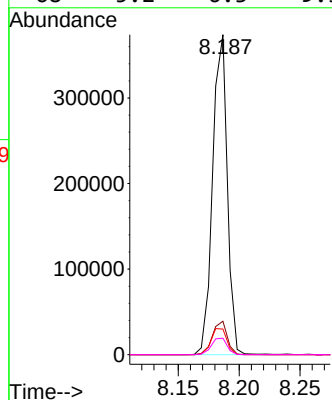


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Instrument :
BNA_F
ClientSampleId :
BRAKER-PEDESTALS

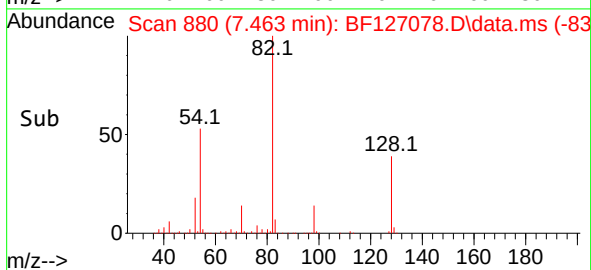
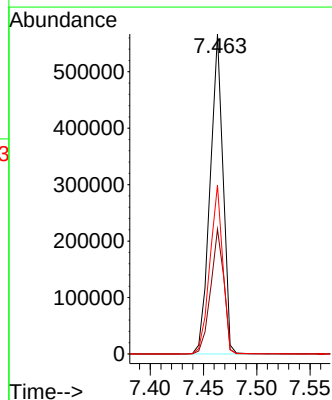
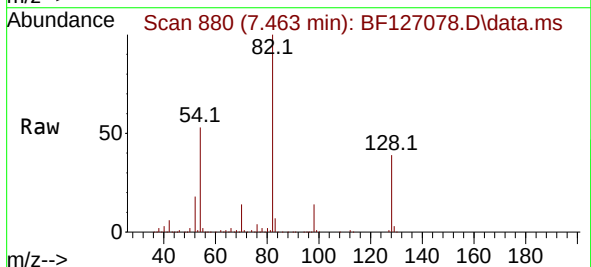


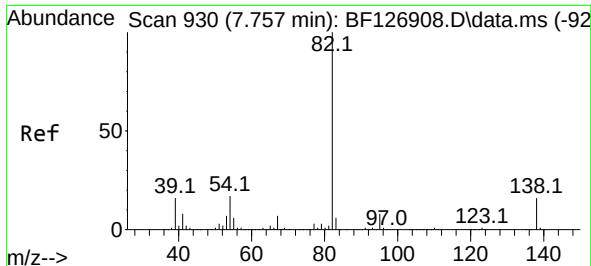
Tgt Ion:136 Resp: 312353
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.0 7.8 11.6
68 5.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 69.328 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Tgt Ion: 82 Resp: 479757
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 52.8 41.7 62.5

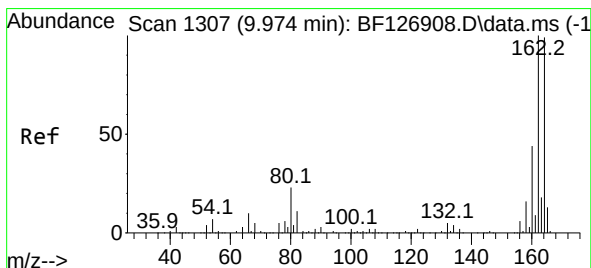
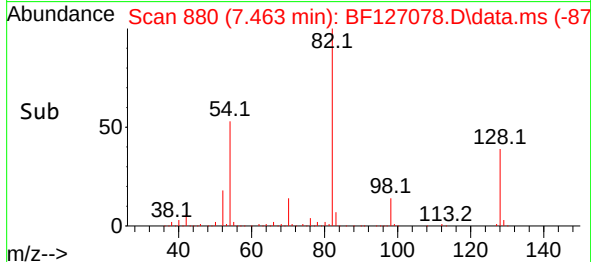
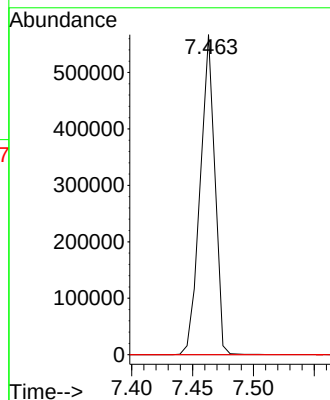
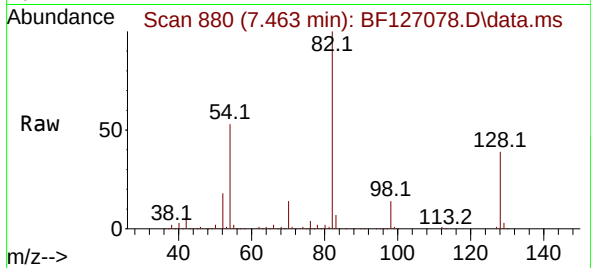




#25
Isophorone
Concen: 41.777 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

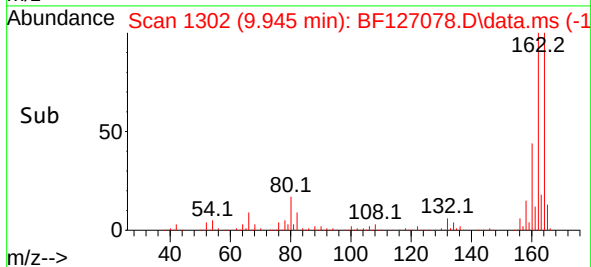
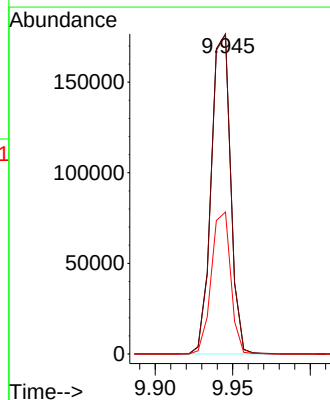
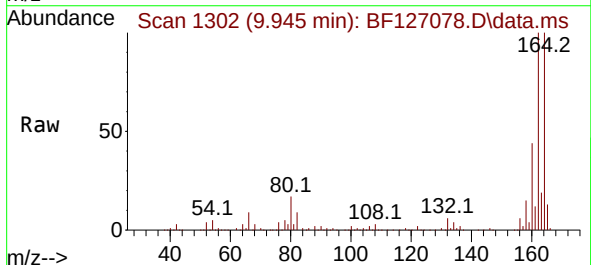
Instrument :
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ClientSampleId :
BRAKER-PEDESTALS

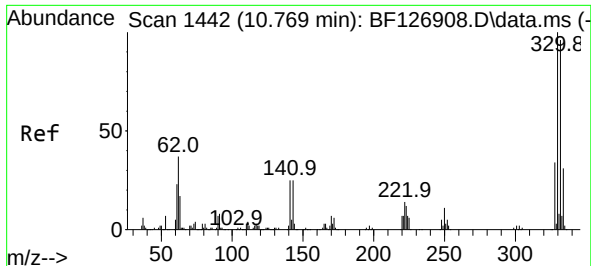
Tgt Ion: 82 Resp: 478381
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Tgt Ion: 164 Resp: 154079
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 88.732 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127078.D

Acq: 25 Feb 2022 18:41

Instrument :

BNA_F

ClientSampleId :

BRAKER-PEDESTALS

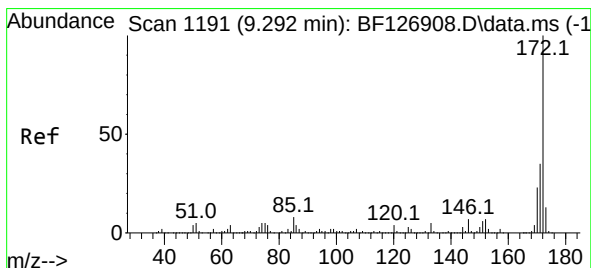
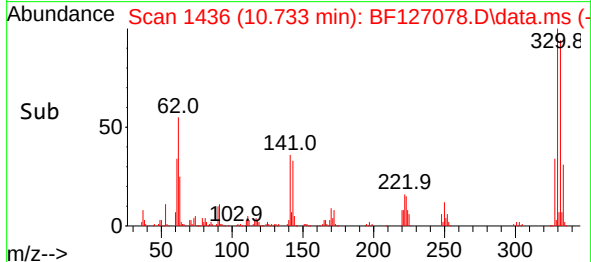
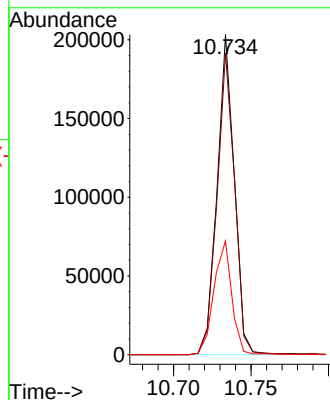
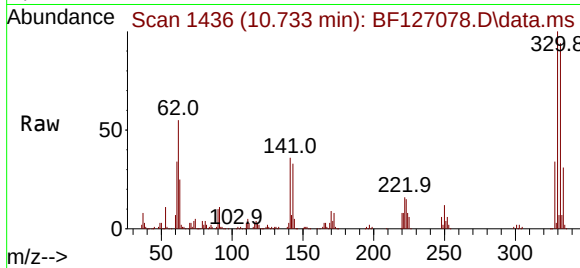
Tgt Ion:330 Resp: 157412

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 37.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 67.882 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127078.D

Acq: 25 Feb 2022 18:41

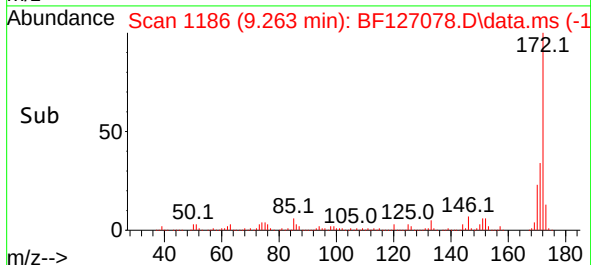
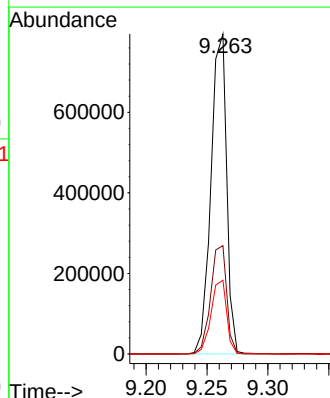
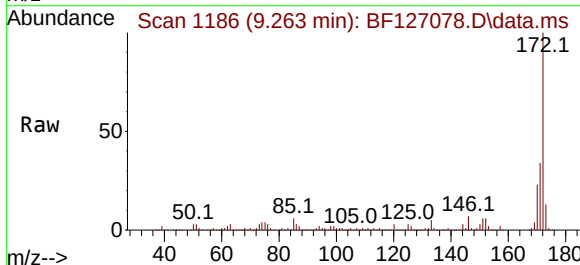
Tgt Ion:172 Resp: 710473

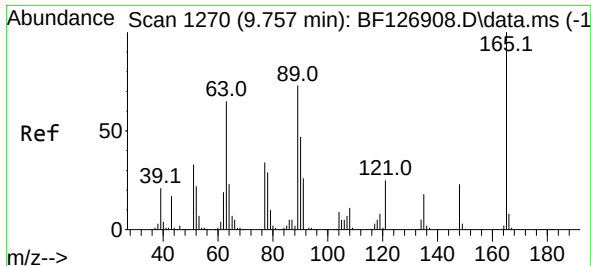
Ion Ratio Lower Upper

172 100

171 33.9 28.3 42.5

170 23.0 19.0 28.6

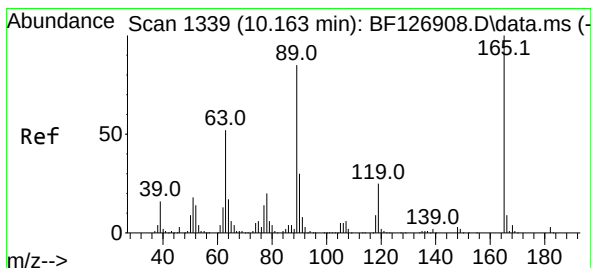
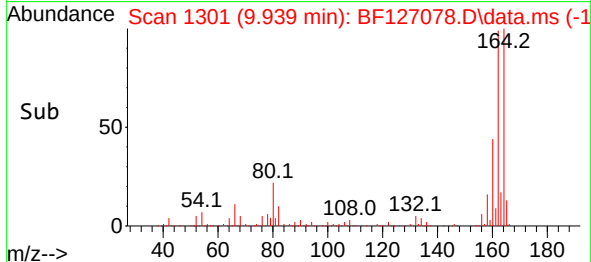
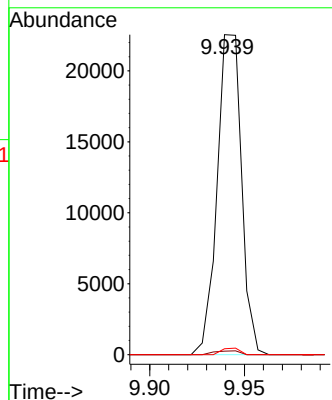
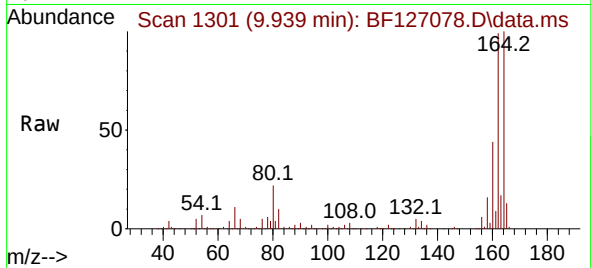




#51
2,6-Dinitrotoluene
Concen: 9.027 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

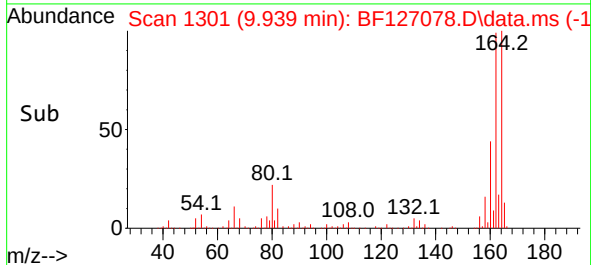
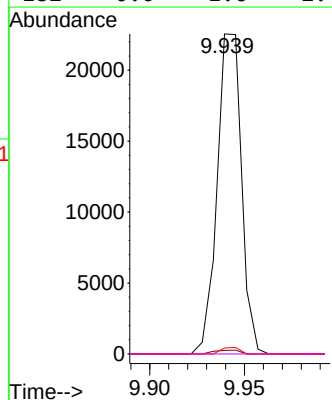
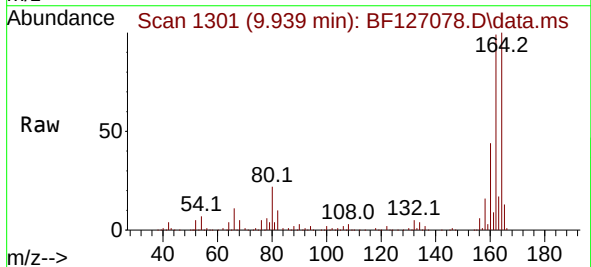
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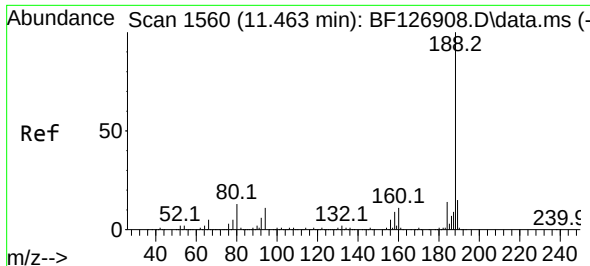
Tgt Ion:165 Resp: 20226
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.676 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Tgt Ion:165 Resp: 20226
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

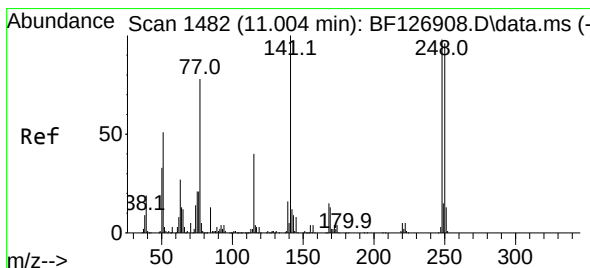
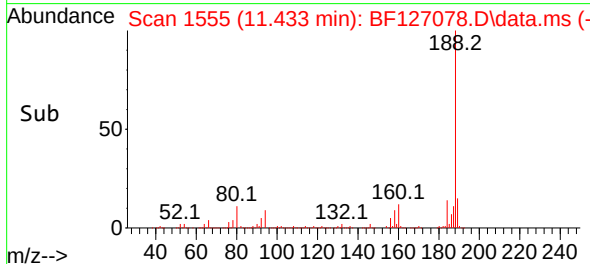
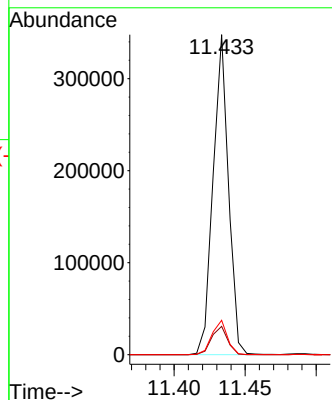
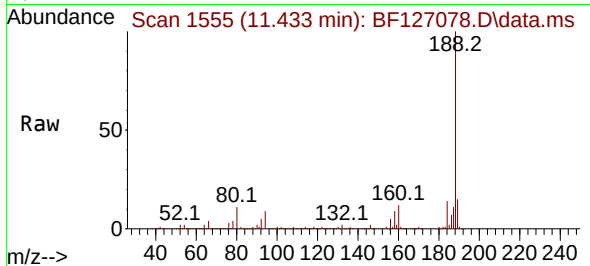




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

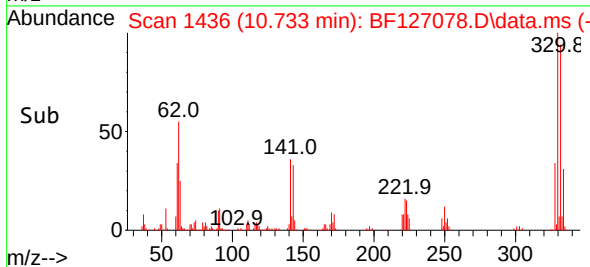
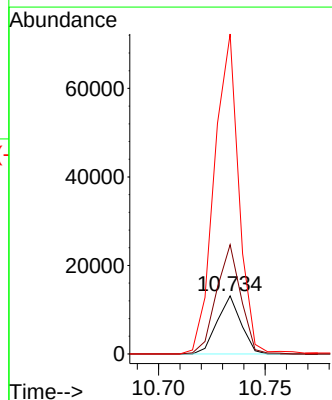
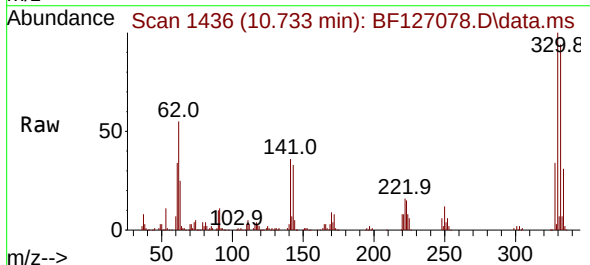
Instrument :
BNA_F
ClientSampleId :
BRAKER-PEDESTALS

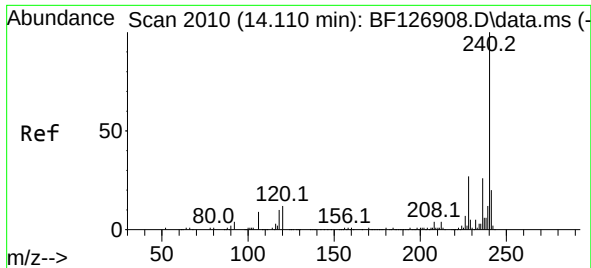
Tgt Ion:188 Resp: 261566
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 10.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.474 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.253 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Tgt Ion:248 Resp: 10154
Ion Ratio Lower Upper
248 100
250 188.1 76.2 114.4#
141 551.1 66.2 99.4#

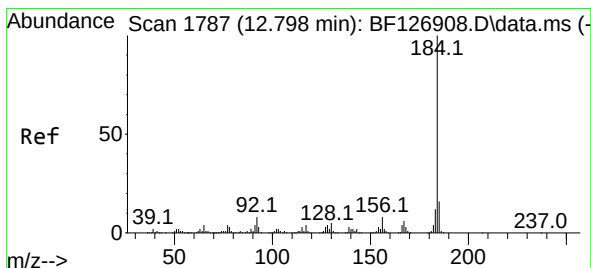
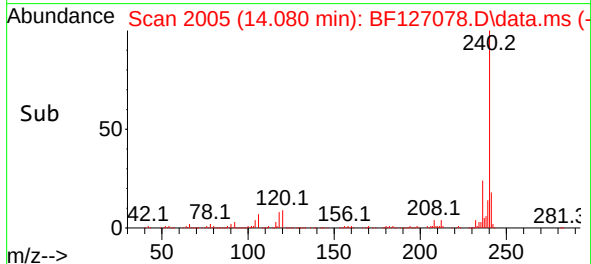
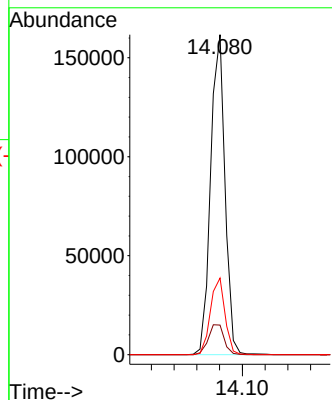
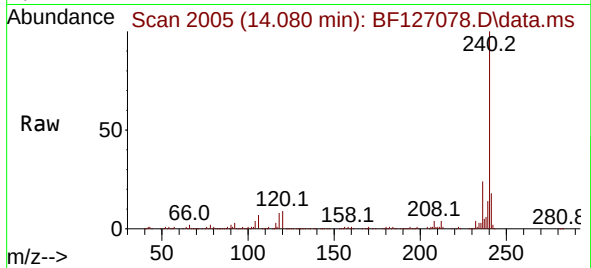




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

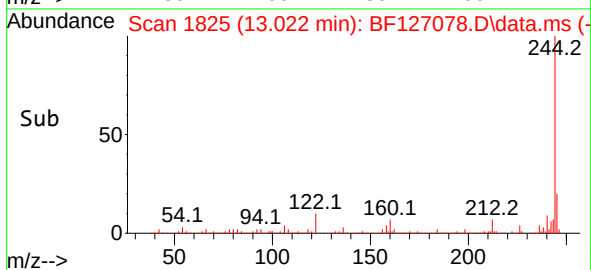
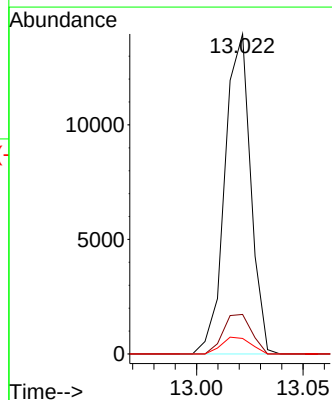
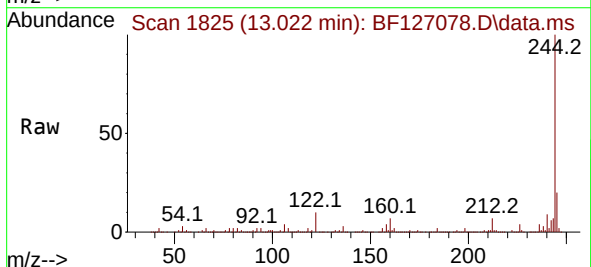
Instrument :
BNA_F
ClientSampleId :
BRAKER-PEDESTALS

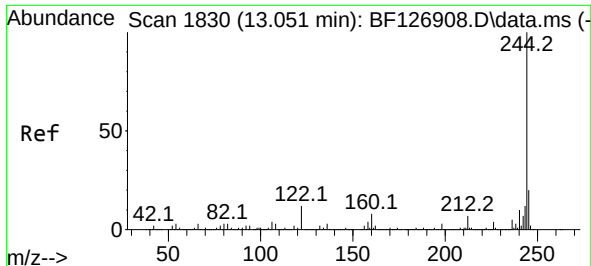
Tgt Ion:240 Resp: 141533
Ion Ratio Lower Upper
240 100
120 9.3 14.4 21.6#
236 23.9 20.5 30.7



#77
Benzidine
Concen: 3.059 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127078.D
Acq: 25 Feb 2022 18:41

Tgt Ion:184 Resp: 11765
Ion Ratio Lower Upper
184 100
185 12.4 11.8 17.8
183 4.8 8.2 12.2#

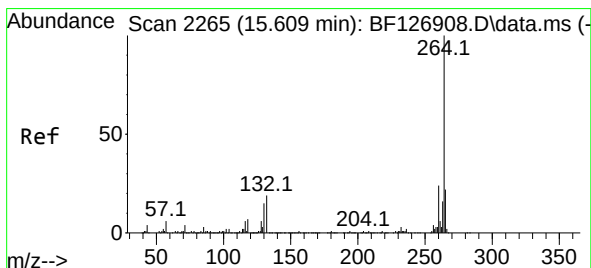
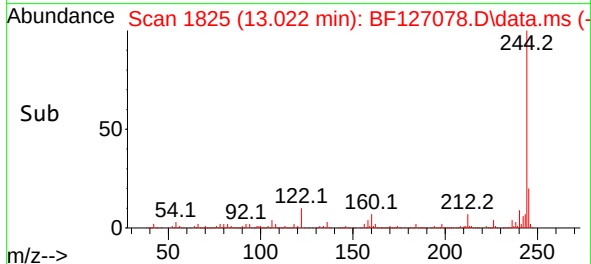
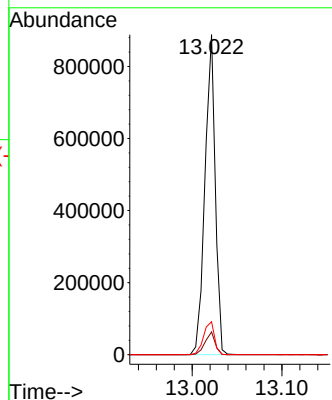
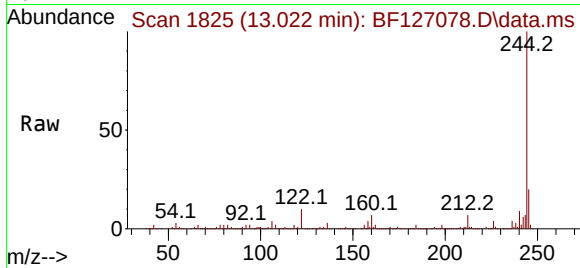




#79
 Terphenyl-d14
 Concen: 73.609 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127078.D
 Acq: 25 Feb 2022 18:41

Instrument :
 BNA_F
 ClientSampleId :
 BRAKER-PEDESTALS

Tgt Ion:244 Resp: 708694
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF127078.D
 Acq: 25 Feb 2022 18:41

Tgt Ion:264 Resp: 142639
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 17.4 26.2

