

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126967.D
 Acq On : 21 Feb 2022 11:54
 Operator : CG\JU
 Sample : PB142454BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142454BL

Quant Time: Feb 21 13:18:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

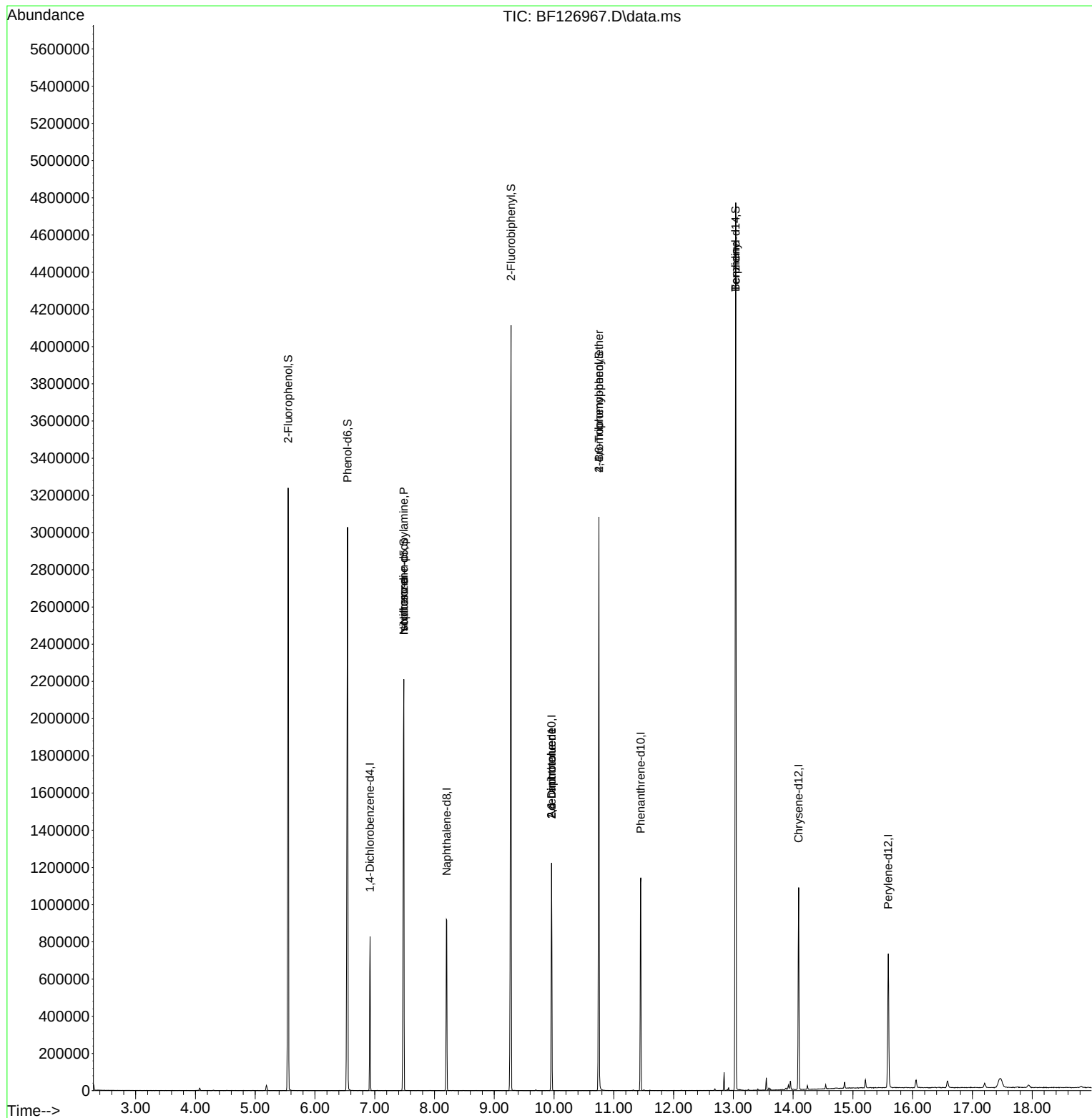
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	104302	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	427534	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	222895	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	416126	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	327354	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	304103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	850261	125.994	ng	0.01
7) Phenol-d6	6.545	99	1110425	121.944	ng	0.00
23) Nitrobenzene-d5	7.487	82	785796	82.961	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	335328	130.664	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1257833	83.076	ng	0.00
79) Terphenyl-d14	13.039	244	1585268	71.189	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	108844	18.550	ng	# 76
25) Isophorone	7.487	82	783114	49.964	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	27667	8.535	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	27667	6.313	ng	# 15
67) 4-Bromophenyl-phenylether	10.751	248	20515	4.412	ng	# 1
77) Benzidine	13.039	184	23792	2.674	ng	98

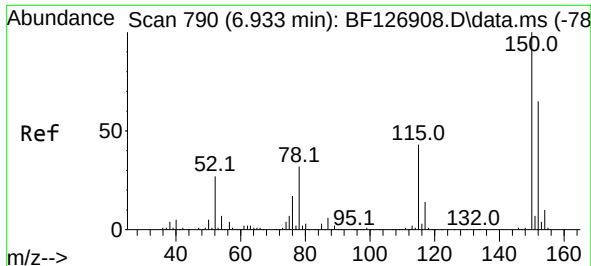
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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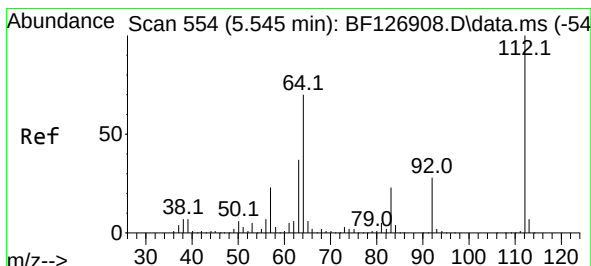
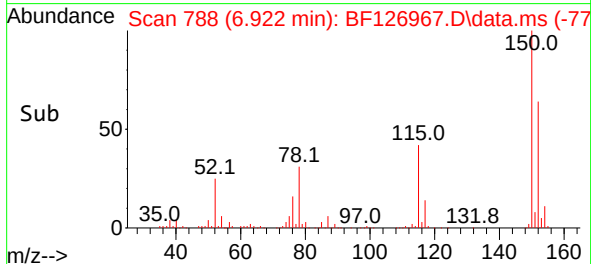
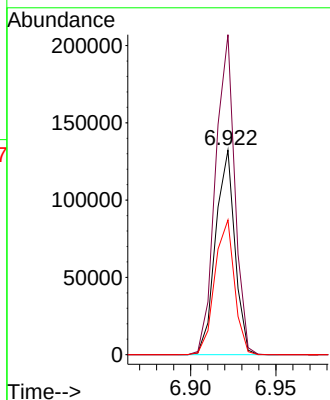
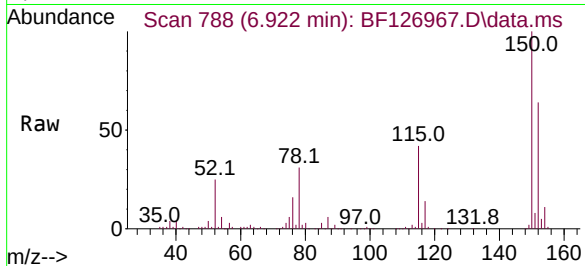




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

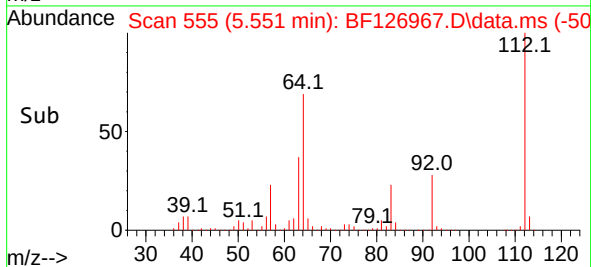
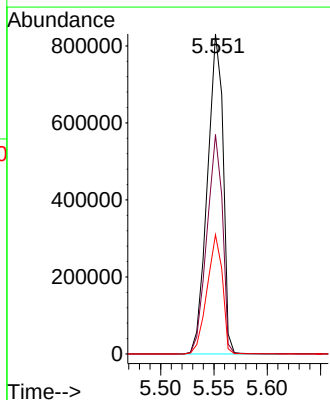
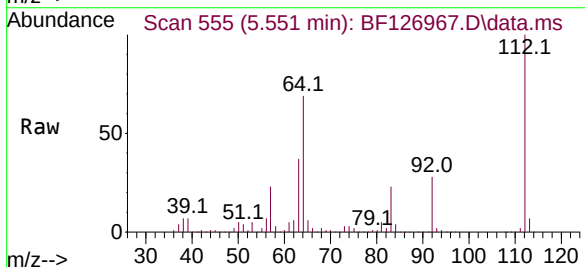
Instrument :
BNA_F
ClientSampleId :
PB142454BL

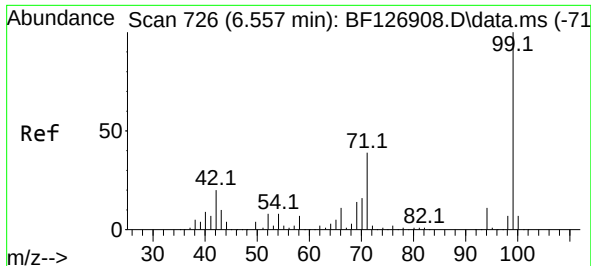
Tgt Ion:152 Resp: 104302
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 65.9 56.7 85.1



#5
2-Fluorophenol
Concen: 125.994 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

Tgt Ion:112 Resp: 850261
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 37.2 23.9 35.9#

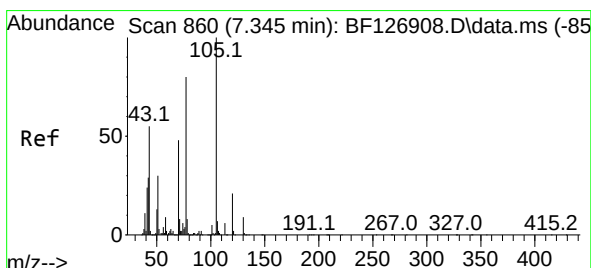
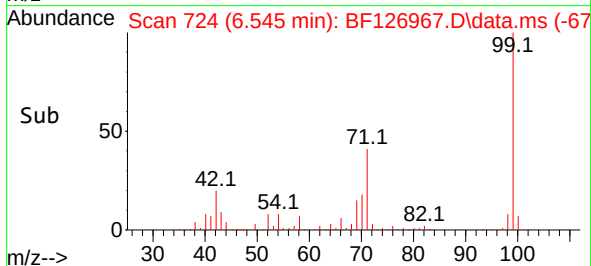
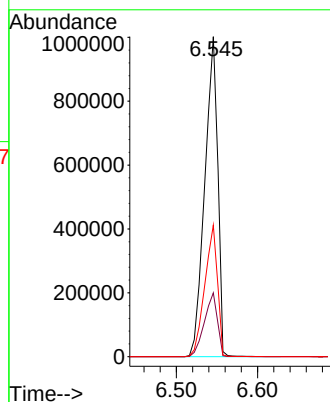
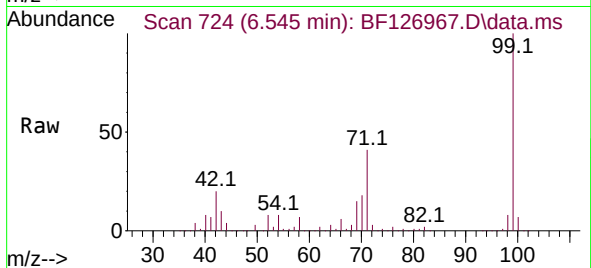




#7
Phenol-d6
Concen: 121.944 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

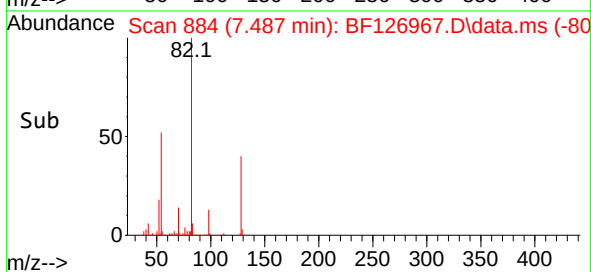
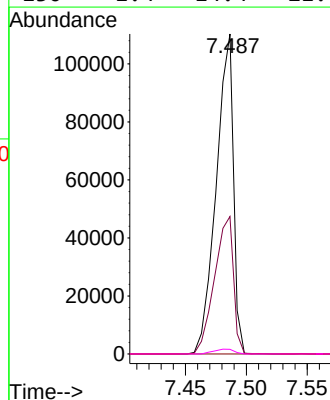
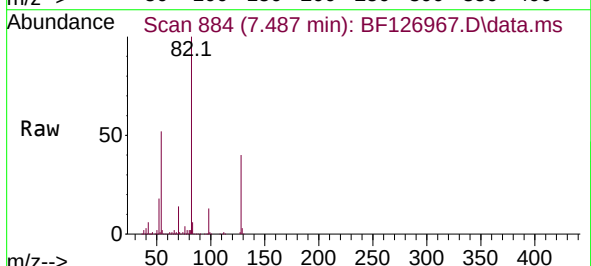
Instrument :
BNA_F
ClientSampleId :
PB142454BL

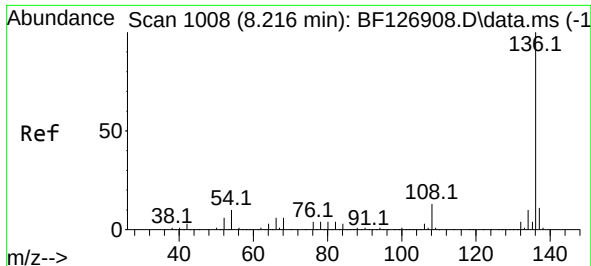
Tgt Ion: 99 Resp: 1110425
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 41.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.550 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.153 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

Tgt Ion: 70 Resp: 108844
Ion Ratio Lower Upper
70 100
42 43.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

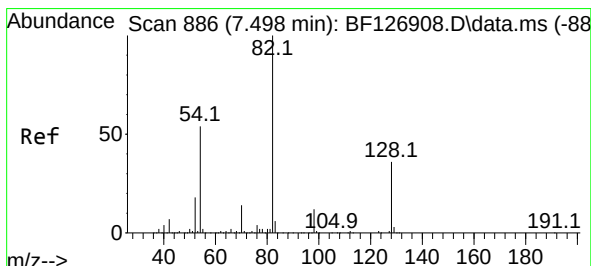
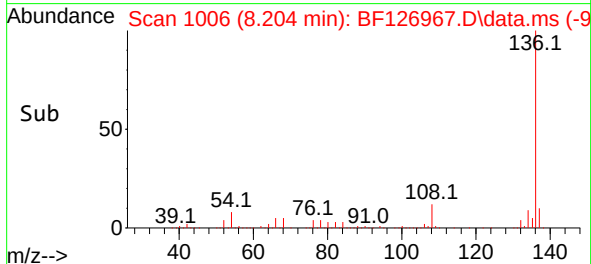
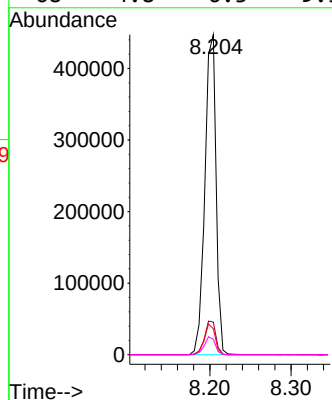
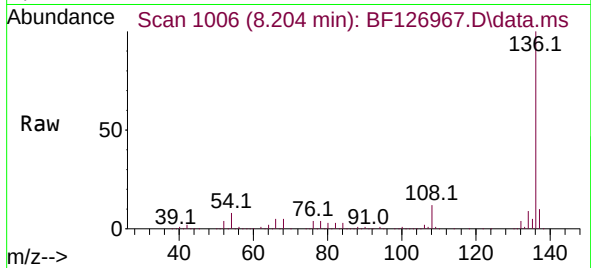




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

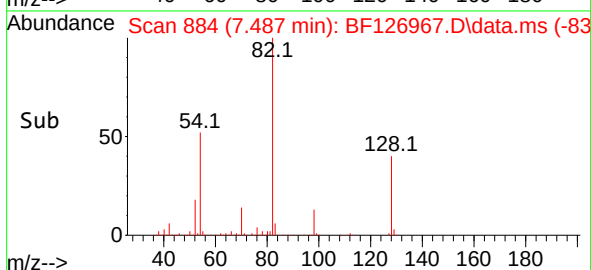
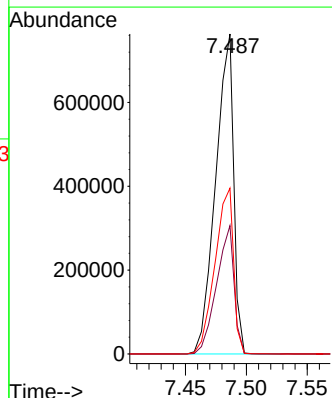
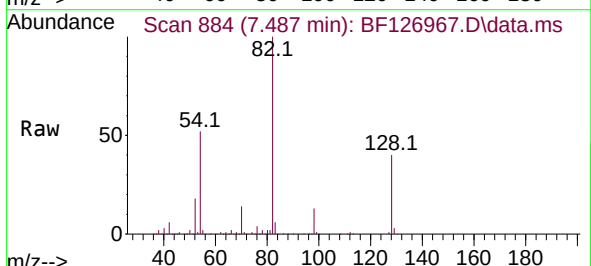
Instrument :
BNA_F
ClientSampleId :
PB142454BL

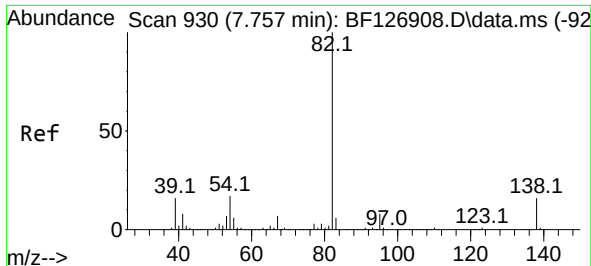
Tgt Ion:136 Resp: 427534
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.1 7.8 11.6
68 4.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.961 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

Tgt Ion: 82 Resp: 785796
Ion Ratio Lower Upper
82 100
128 40.1 32.7 49.1
54 51.8 41.7 62.5

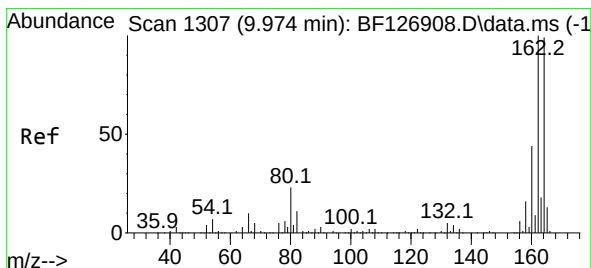
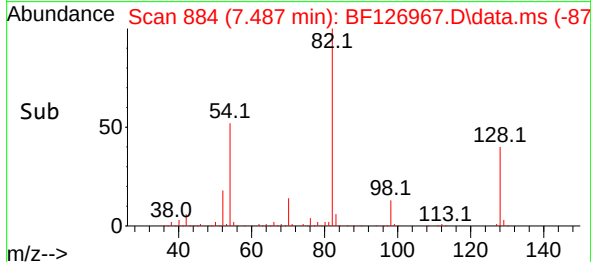
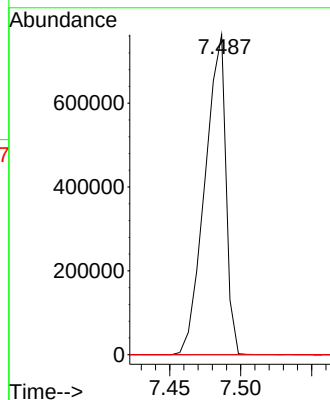
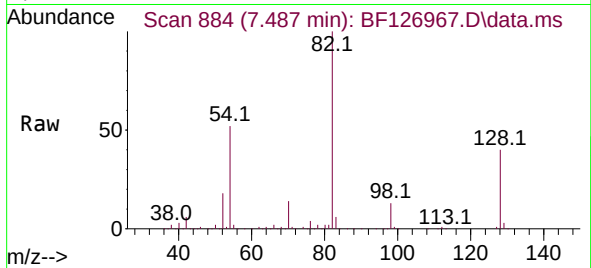




#25
Isophorone
Concen: 49.964 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

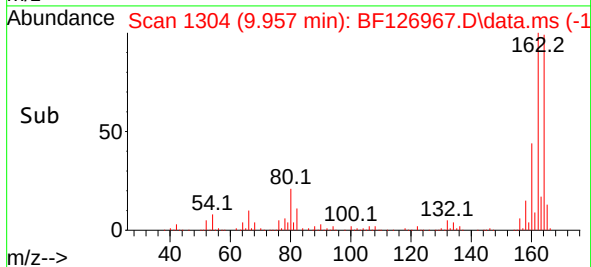
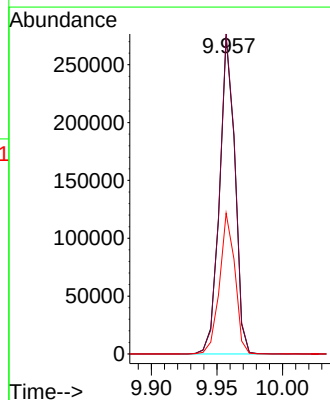
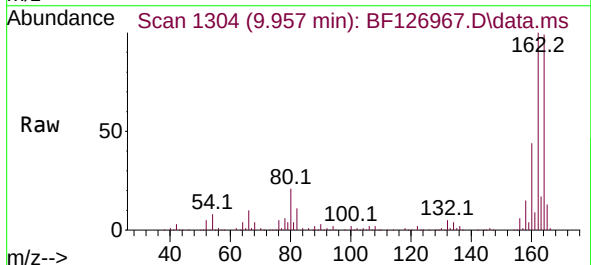
Instrument :
BNA_F
ClientSampleId :
PB142454BL

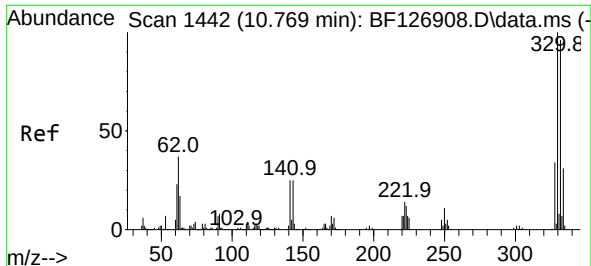
Tgt Ion: 82 Resp: 783114
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126967.D
Acq: 21 Feb 2022 11:54

Tgt Ion:164 Resp: 222895
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 130.664 ng

RT: 10.751 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB142454BL

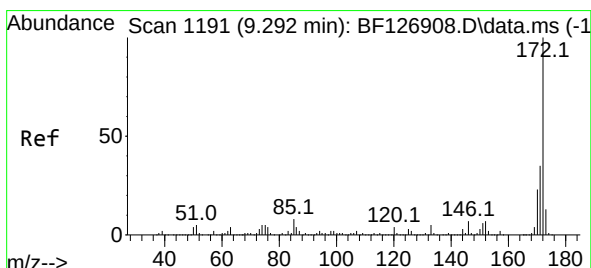
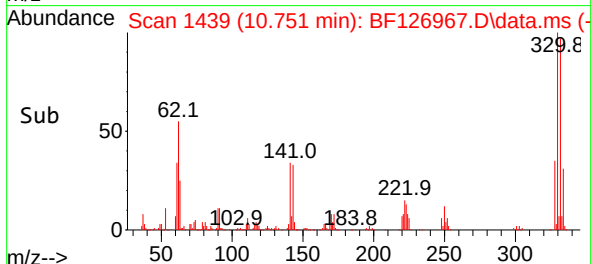
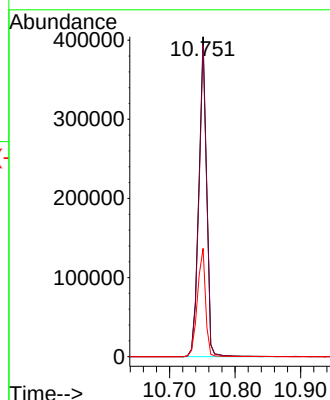
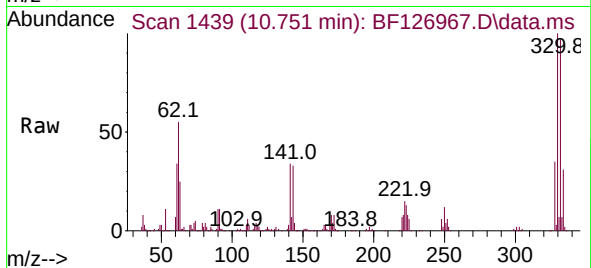
Tgt Ion:330 Resp: 335328

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 35.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.076 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

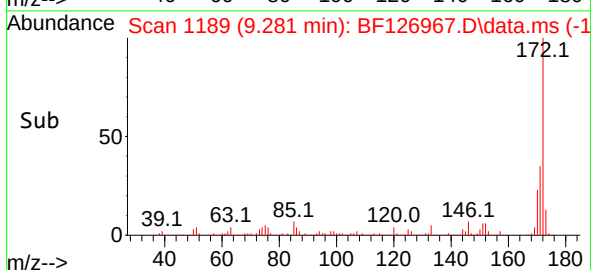
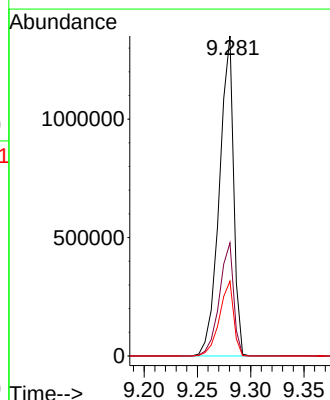
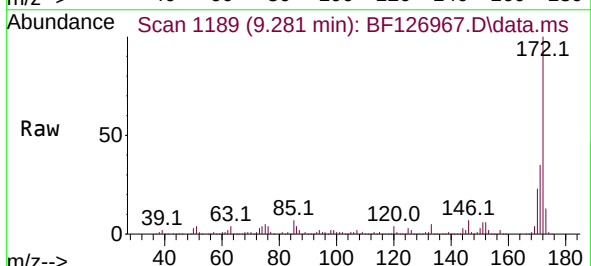
Tgt Ion:172 Resp: 1257833

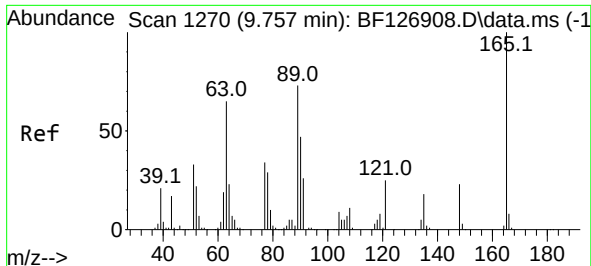
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.535 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB142454BL

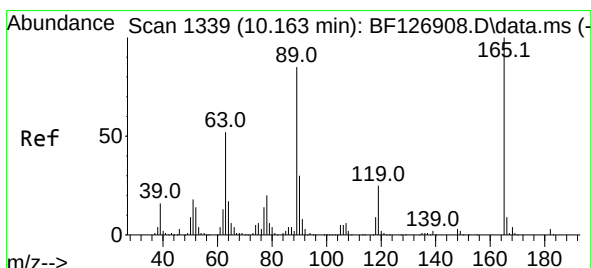
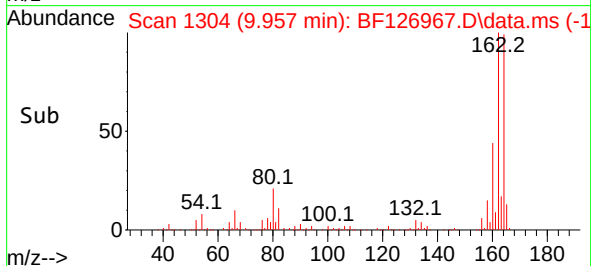
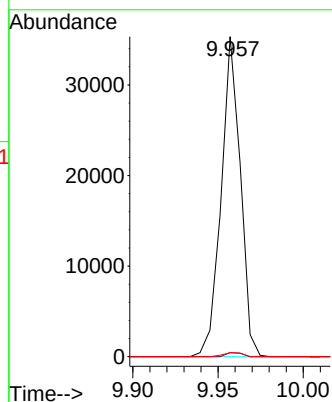
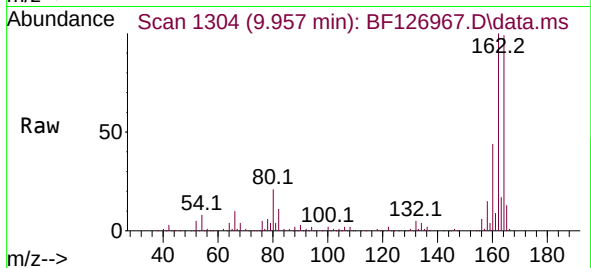
Tgt Ion:165 Resp: 27667

Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.313 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Tgt Ion:165 Resp: 27667

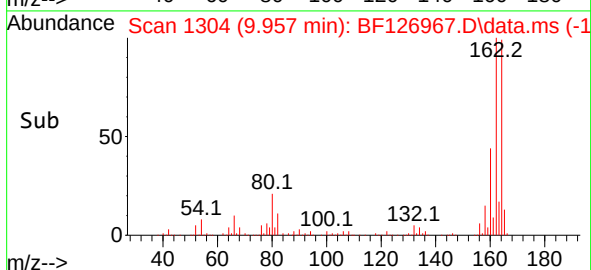
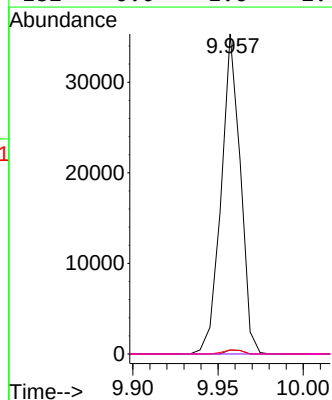
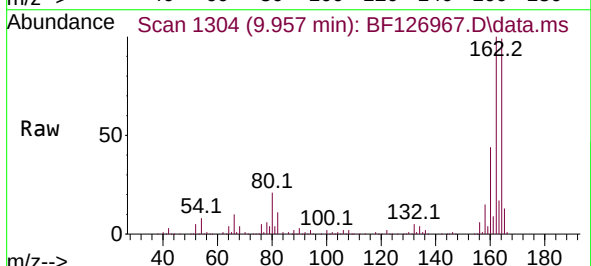
Ion Ratio Lower Upper

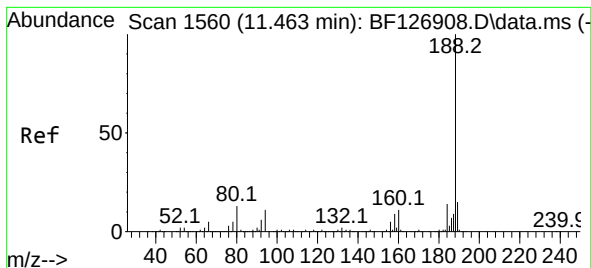
165 100

63 1.2 43.0 64.6#

89 1.3 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Instrument :

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ClientSampleId :

PB142454BL

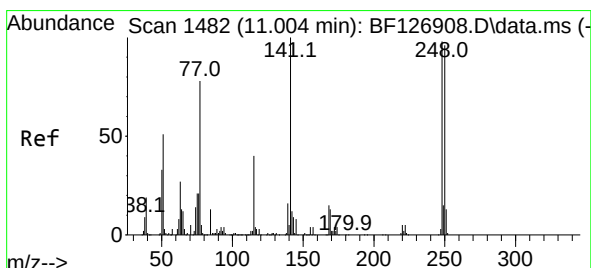
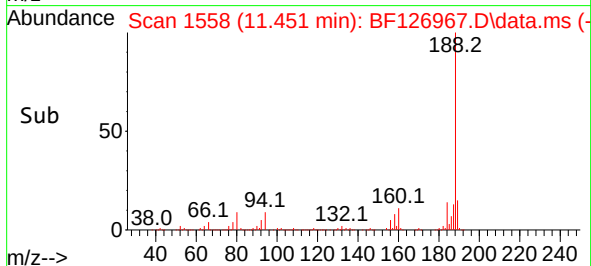
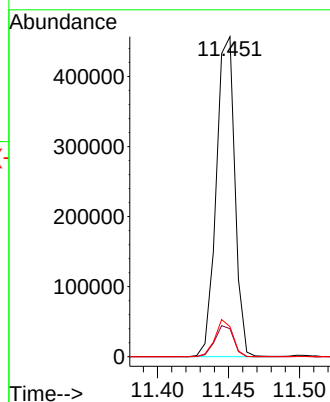
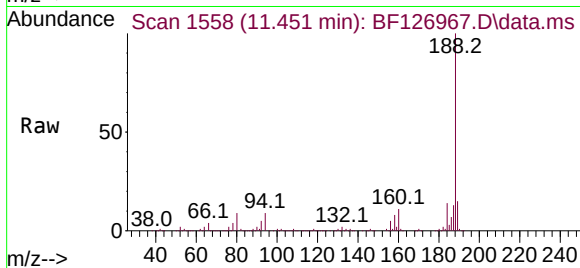
Tgt Ion:188 Resp: 416126

Ion Ratio Lower Upper

188 100

94 8.8 10.1 15.1#

80 9.4 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.412 ng

RT: 10.751 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

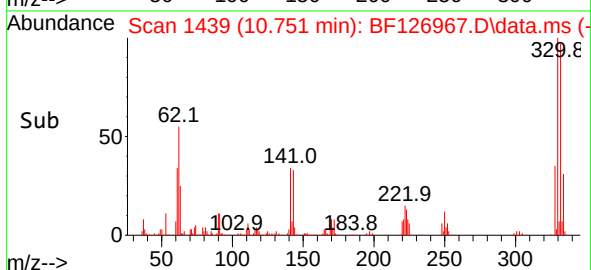
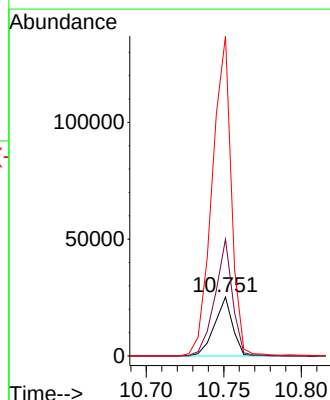
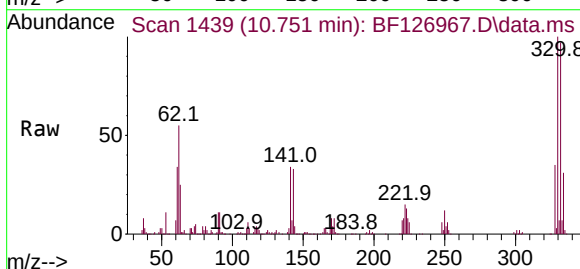
Tgt Ion:248 Resp: 20515

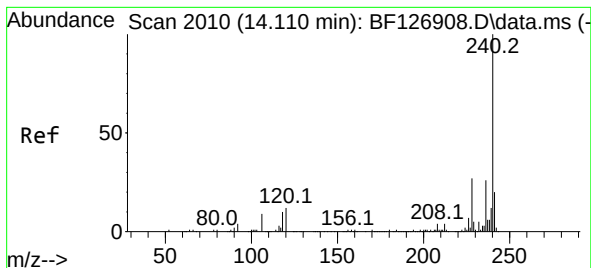
Ion Ratio Lower Upper

248 100

250 198.6 76.2 114.4#

141 544.0 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB142454BL

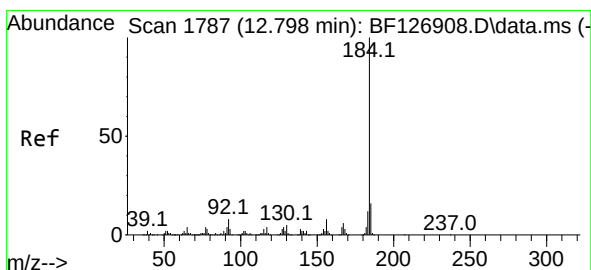
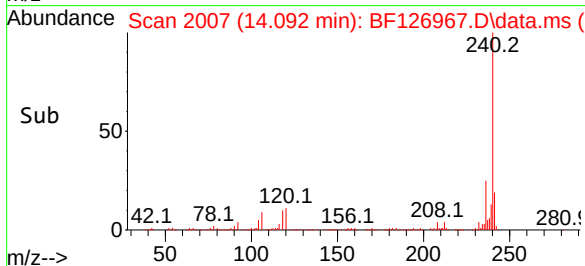
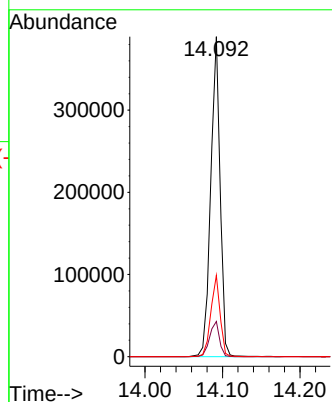
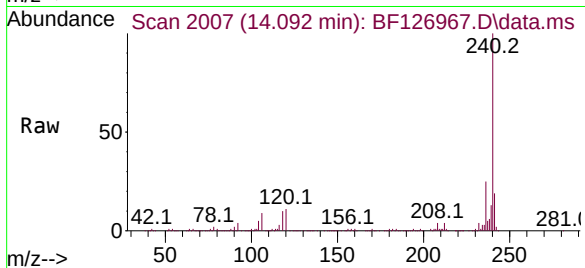
Tgt Ion:240 Resp: 327354

Ion Ratio Lower Upper

240 100

120 11.0 14.4 21.6#

236 25.4 20.5 30.7



#77

Benidine

Concen: 2.674 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

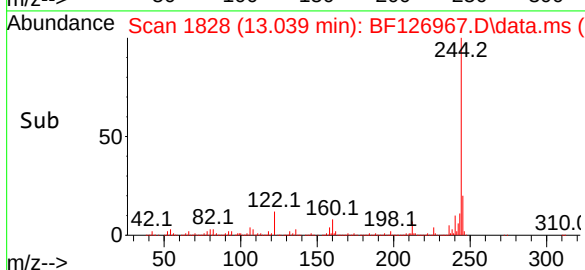
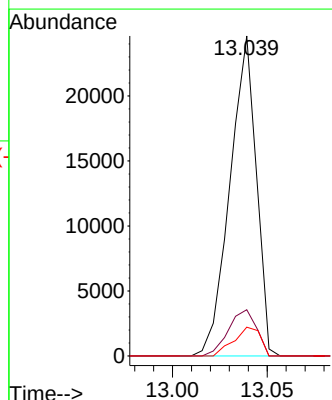
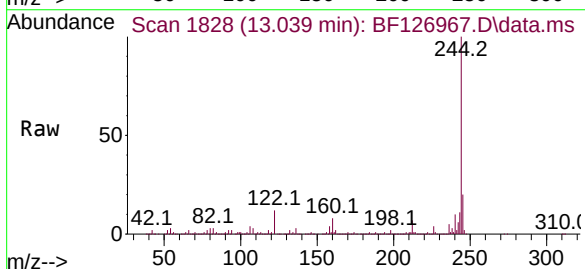
Tgt Ion:184 Resp: 23792

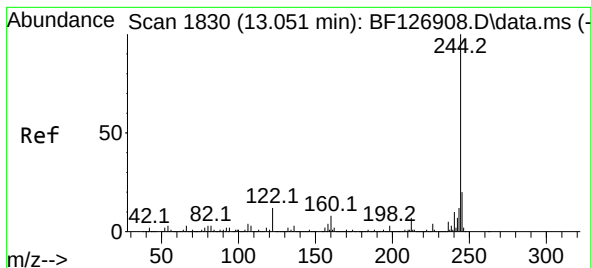
Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

183 9.0 8.2 12.2





#79

Terphenyl-d14

Concen: 71.189 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Instrument :

BNA_F

ClientSampleId :

PB142454BL

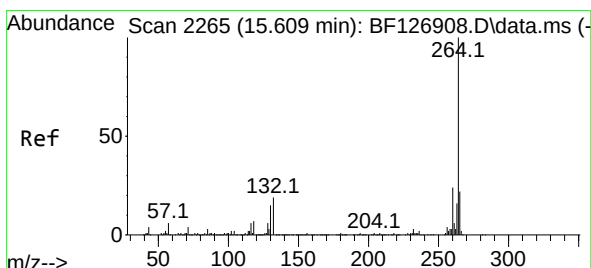
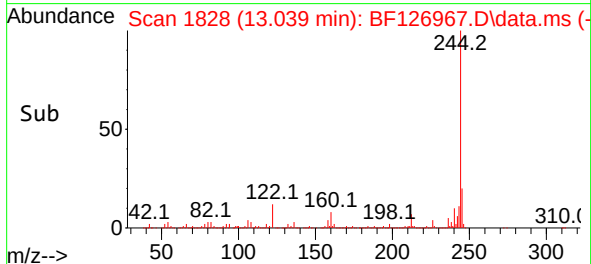
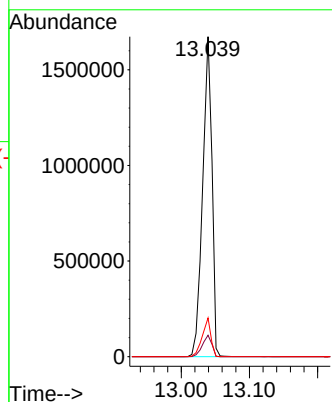
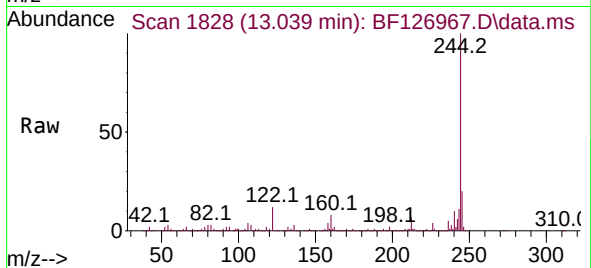
Tgt Ion:244 Resp: 1585268

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 12.1 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF126967.D

Acq: 21 Feb 2022 11:54

Tgt Ion:264 Resp: 304103

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.6 17.4 26.2

