

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126737.D
 Acq On : 29 Jan 2022 00:42
 Operator : CG/JU
 Sample : N1316-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-012722

Quant Time: Jan 29 02:32:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

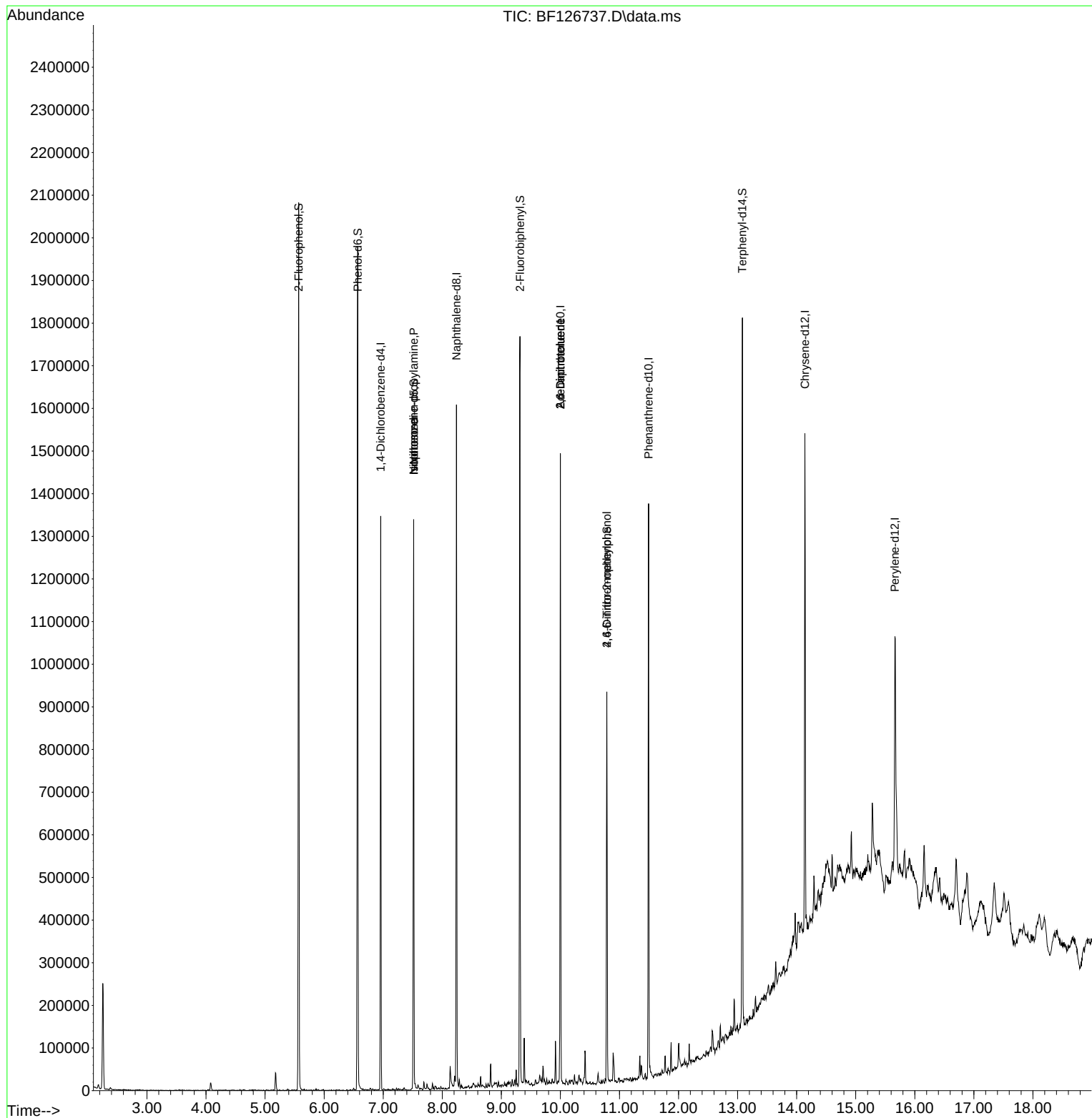
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	161041	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	566570	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	261802	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	416080	20.000	ng	0.00
76) Chrysene-d12	14.139	240	379834	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	264016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	520482	42.530	ng	0.00
7) Phenol-d6	6.569	99	665933	39.165	ng	0.00
23) Nitrobenzene-d5	7.516	82	437704	30.238	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	89756	36.634	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	515078	30.131	ng	0.00
79) Terphenyl-d14	13.080	244	503344	22.227	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	124	Below Cal	#	51
19) n-Nitroso-di-n-propyla...	7.516	70	55627	4.482	ng	# 68
25) Isophorone	7.516	82	434268	15.470	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	34679	10.808	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	34679	8.919	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	126	7.425	ng	# 1

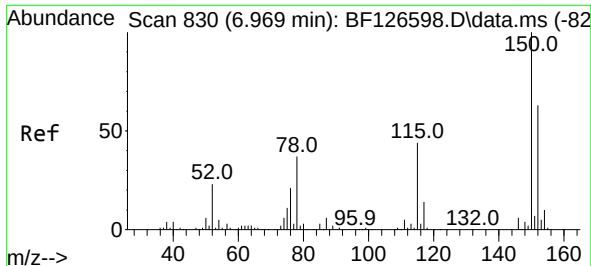
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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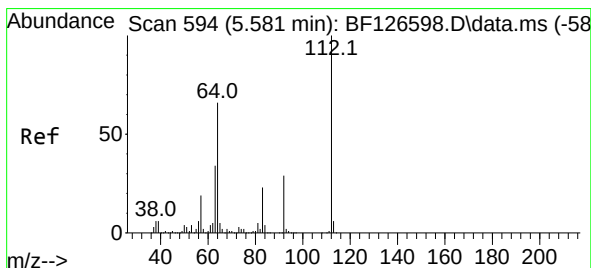
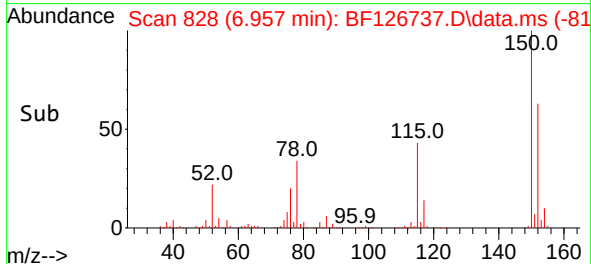
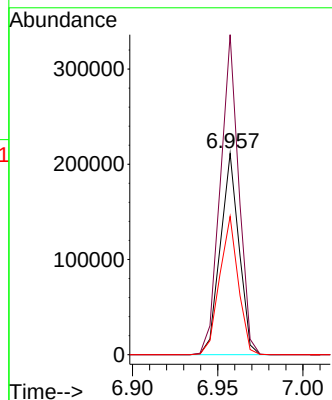
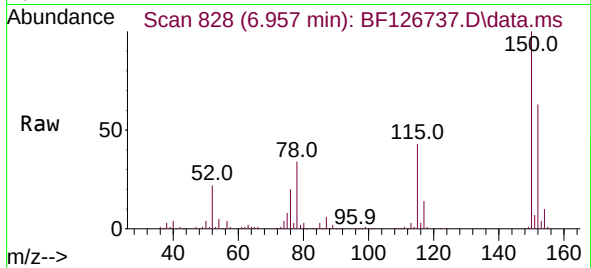




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

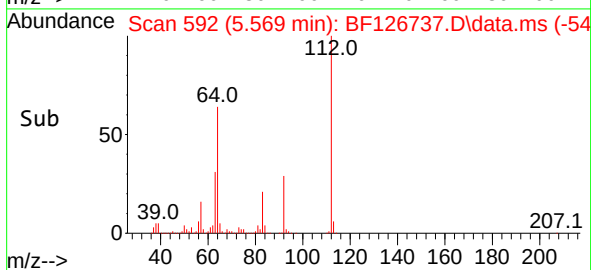
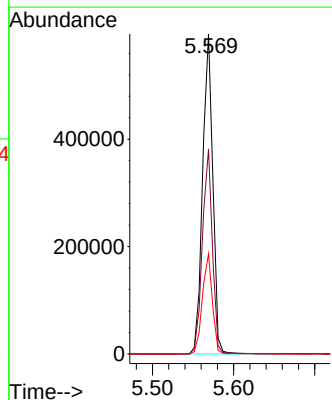
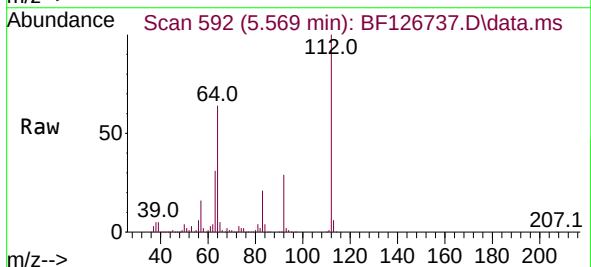
Instrument :
BNA_F
ClientSampleId :
TR-05-012722

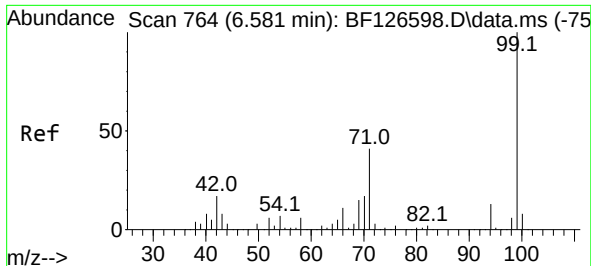
Tgt Ion:152 Resp: 161041
Ion Ratio Lower Upper
152 100
150 159.0 128.1 192.1
115 68.7 56.7 85.1



#5
2-Fluorophenol
Concen: 42.530 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.000 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

Tgt Ion:112 Resp: 520482
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 31.3 23.9 35.9

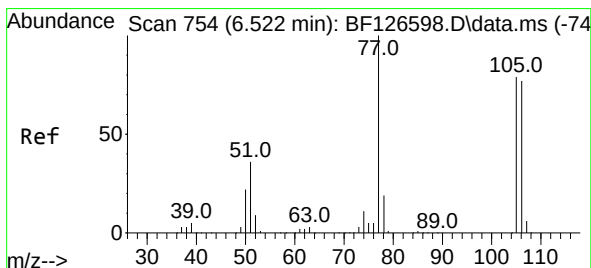
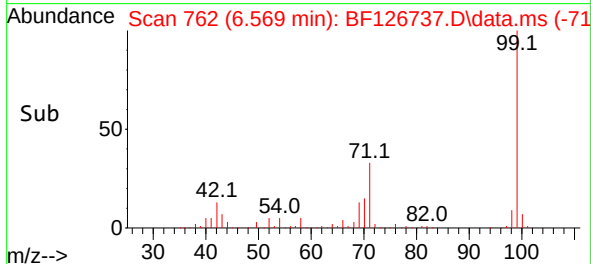
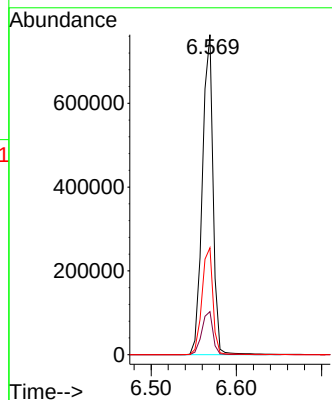
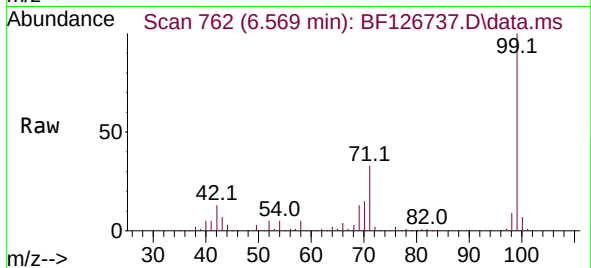




#7
Phenol-d6
Concen: 39.165 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

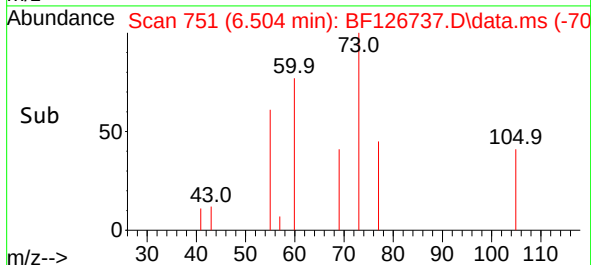
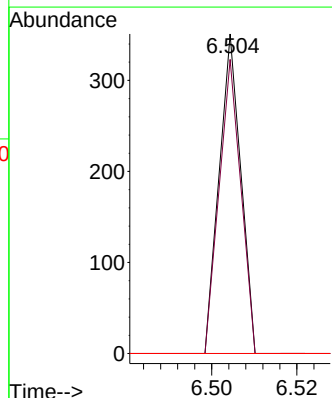
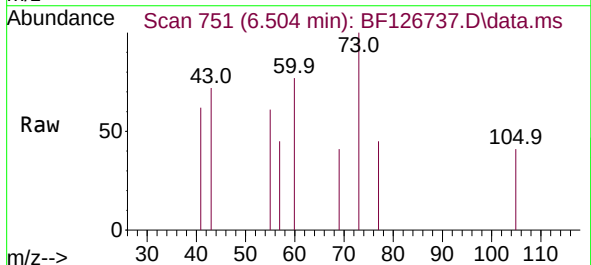
Instrument :
BNA_F
ClientSampleId :
TR-05-012722

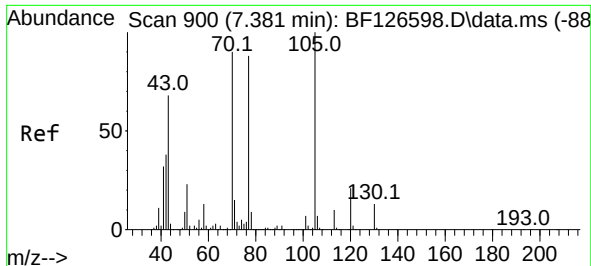
Tgt Ion: 99 Resp: 665933
Ion Ratio Lower Upper
99 100
42 13.5 14.2 21.4#
71 33.4 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

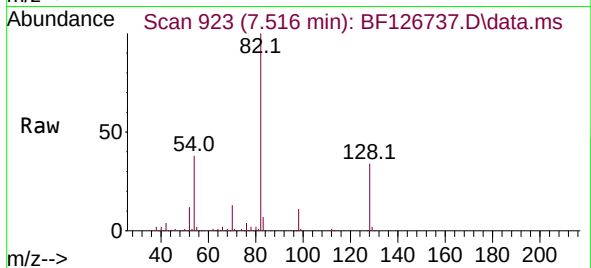
Tgt Ion: 77 Resp: 124
Ion Ratio Lower Upper
77 100
105 92.0 74.9 114.9
106 0.0 72.4 112.4#



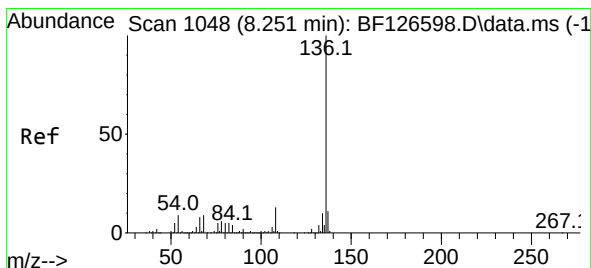
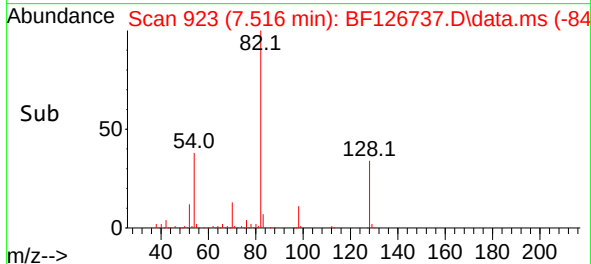
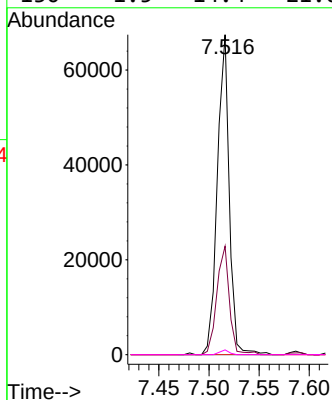


#19
n-Nitroso-di-n-propylamine
Concen: 4.482 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

Instrument :
BNA_F
ClientSampleId :
TR-05-012722

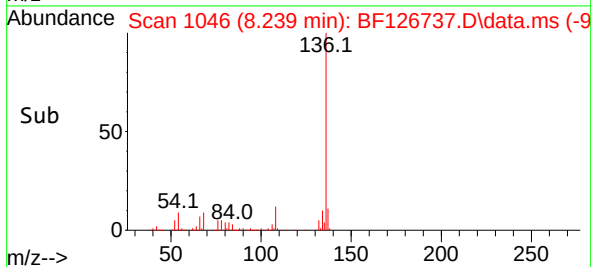
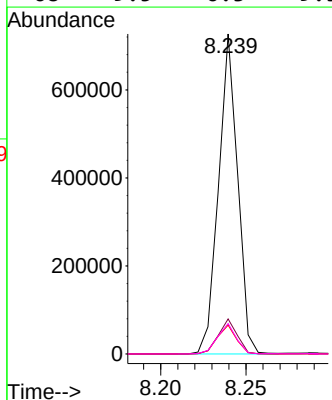
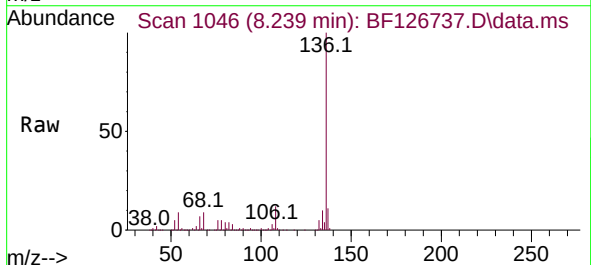


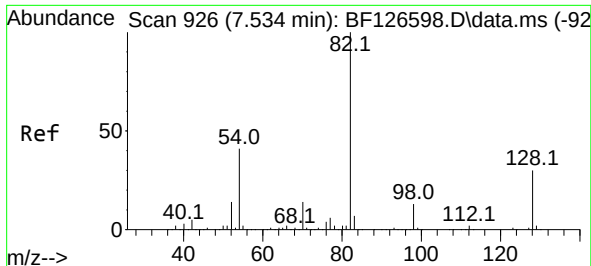
Tgt Ion: 70 Resp: 55627
Ion Ratio Lower Upper
70 100
42 33.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

Tgt Ion: 136 Resp: 566570
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.8 11.6
68 9.5 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 30.238 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

Instrument :

BNA_F

ClientSampleId :

TR-05-012722

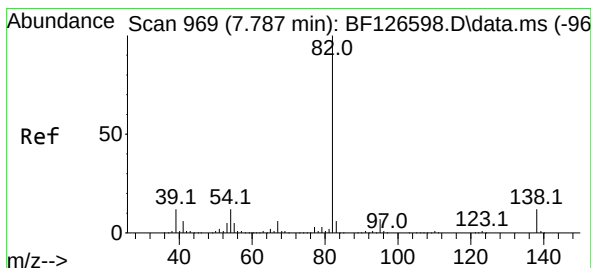
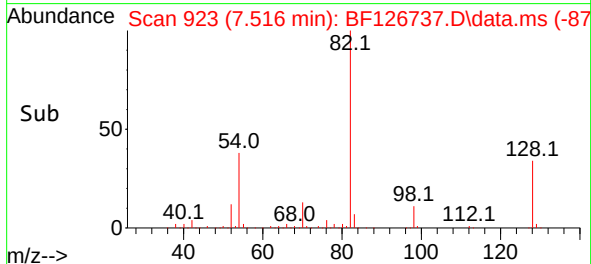
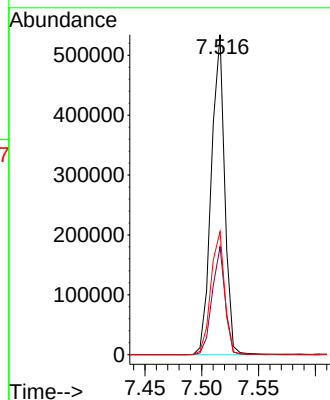
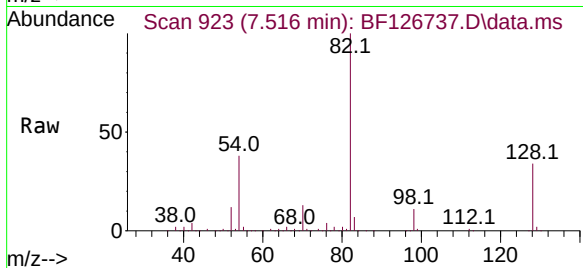
Tgt Ion: 82 Resp: 437704

Ion Ratio Lower Upper

82 100

128 33.8 32.7 49.1

54 38.5 41.7 62.5#



#25

Isophorone

Concen: 15.470 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

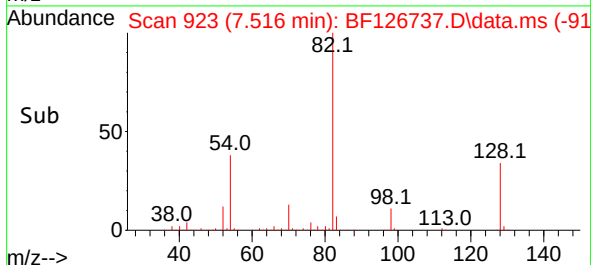
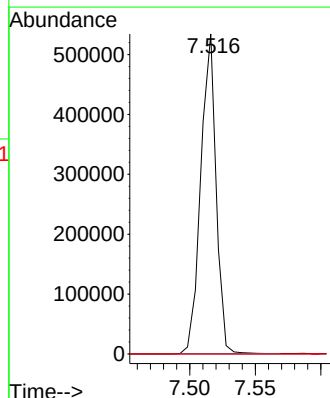
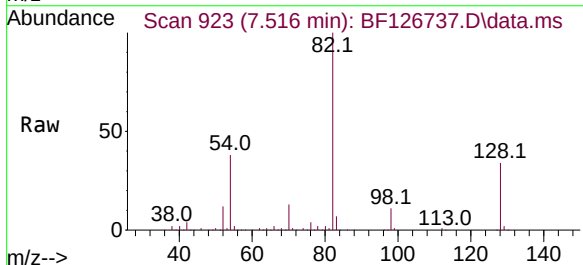
Tgt Ion: 82 Resp: 434268

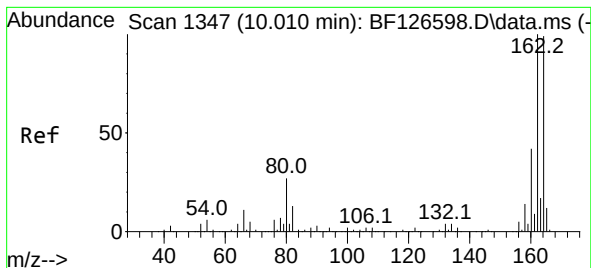
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

Instrument :

BNA_F

ClientSampleId :

TR-05-012722

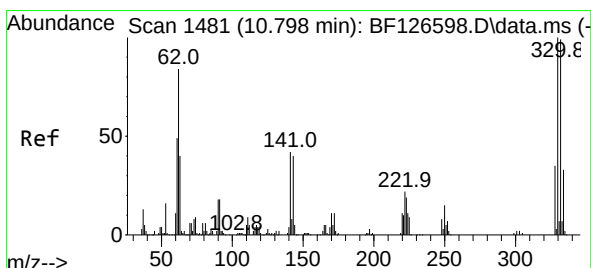
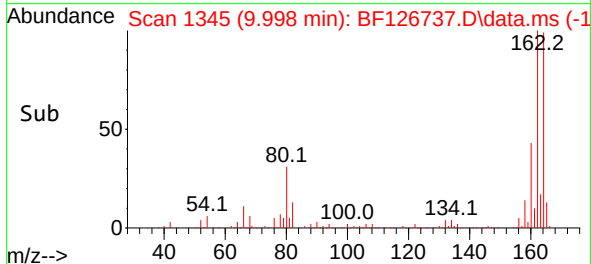
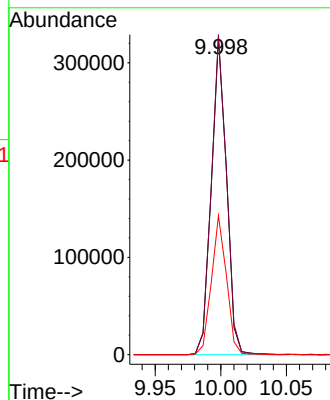
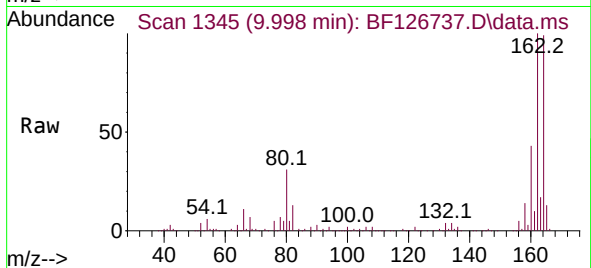
Tgt Ion:164 Resp: 261802

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

160 43.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 36.634 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

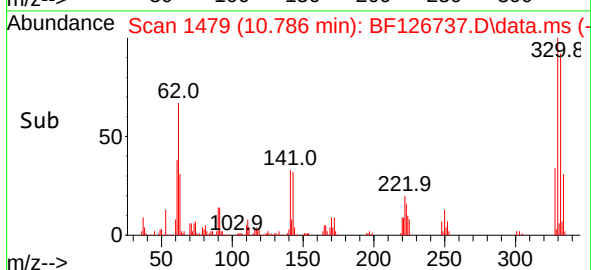
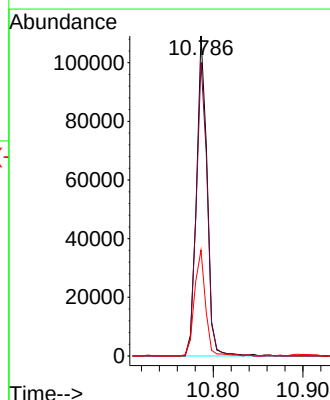
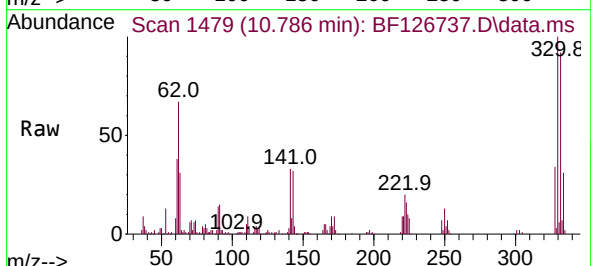
Tgt Ion:330 Resp: 89756

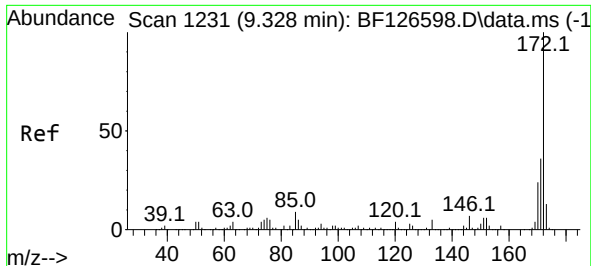
Ion Ratio Lower Upper

330 100

332 94.1 76.0 114.0

141 34.2 30.1 45.1

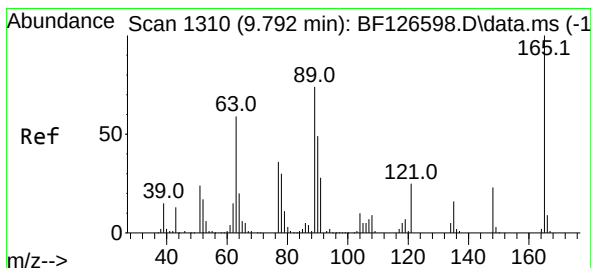
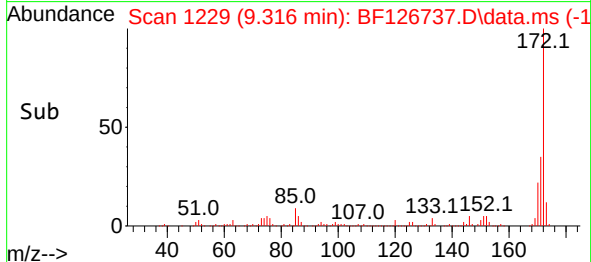
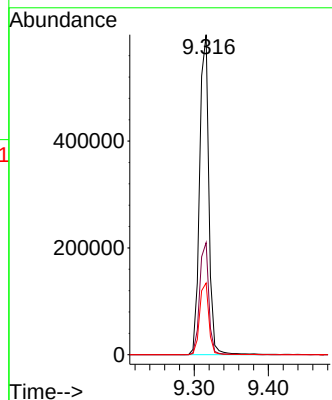
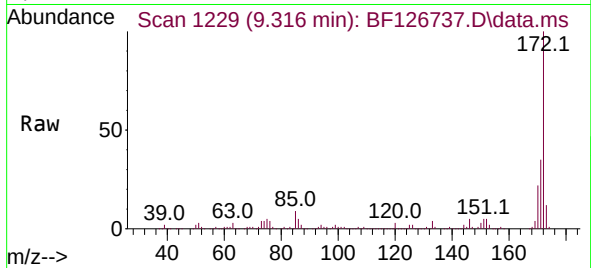




#45
2-Fluorobiphenyl
Concen: 30.131 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

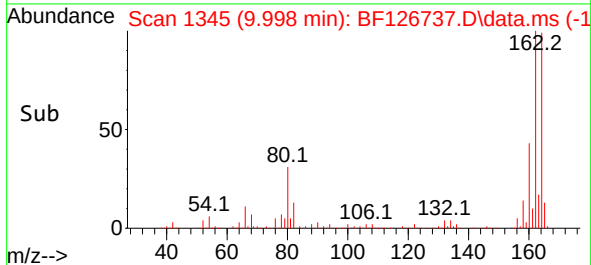
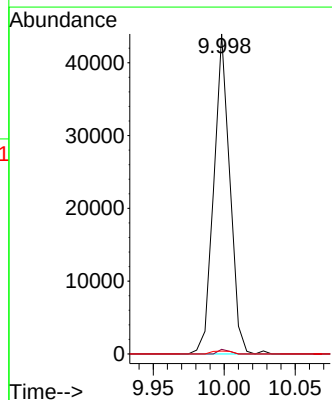
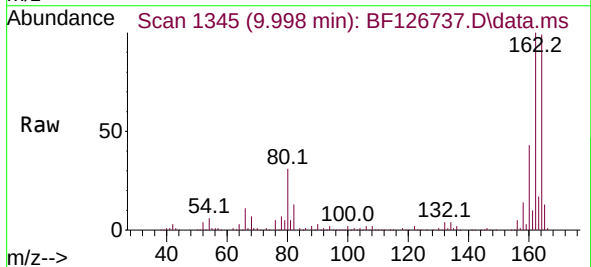
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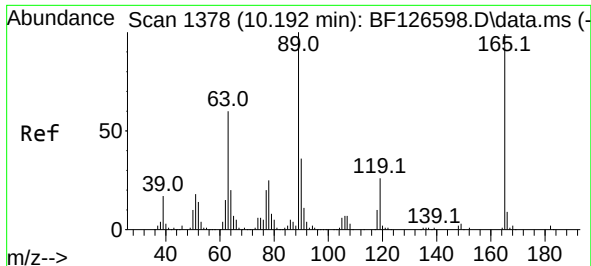
Tgt Ion:172 Resp: 515078
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.808 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

Tgt Ion:165 Resp: 34679
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 0.9 50.5 75.7#

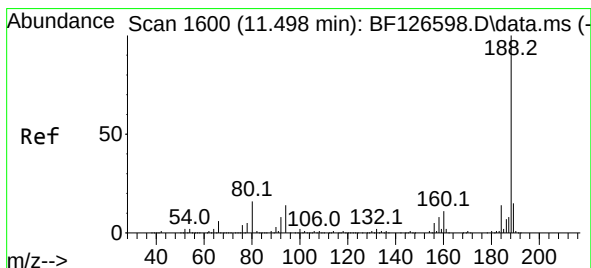
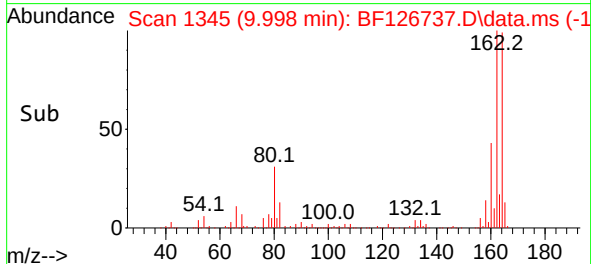
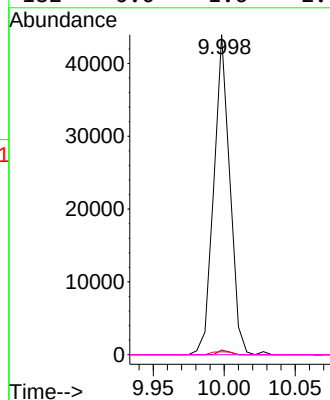
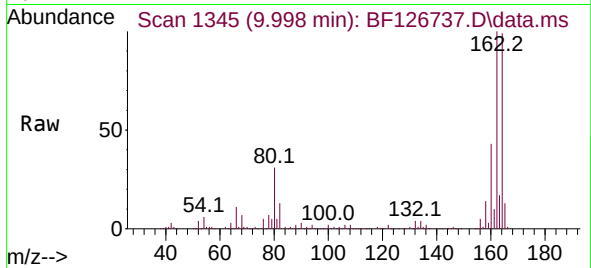




#57
2,4-Dinitrotoluene
Concen: 8.919 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

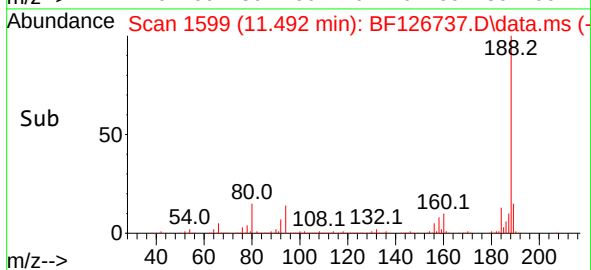
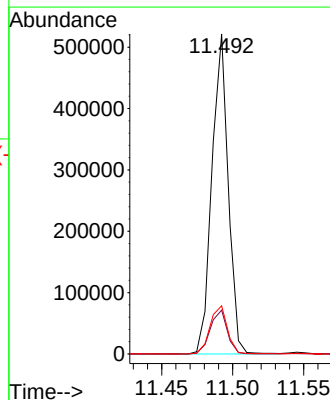
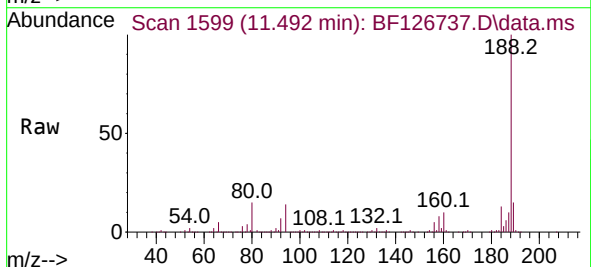
Instrument :
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ClientSampleId :
TR-05-012722

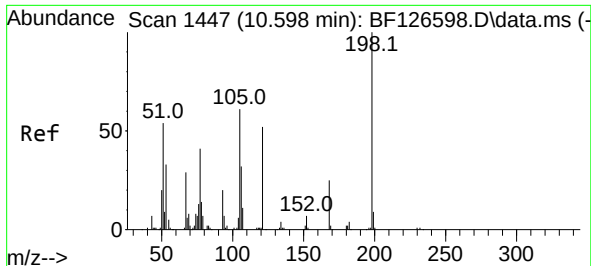
Tgt Ion:165 Resp: 34679
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126737.D
Acq: 29 Jan 2022 00:42

Tgt Ion:188 Resp: 416080
Ion Ratio Lower Upper
188 100
94 13.7 10.1 15.1
80 15.1 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.425 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

Instrument :

BNA_F

ClientSampleId :

TR-05-012722

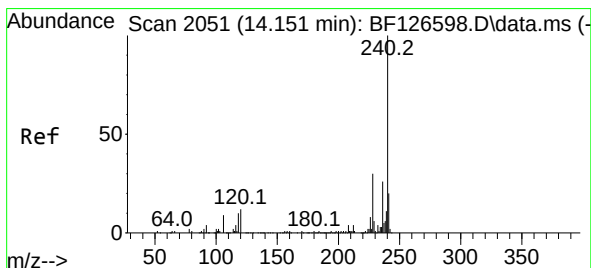
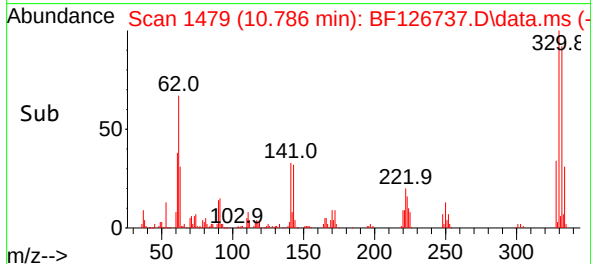
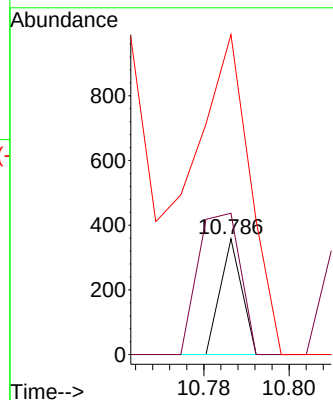
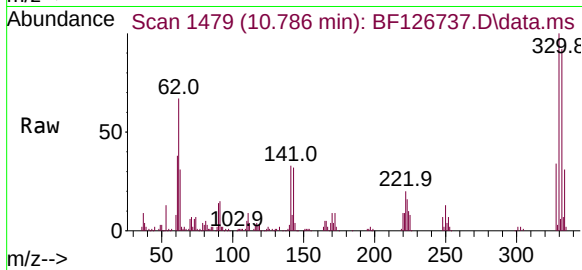
Tgt Ion:198 Resp: 126

Ion Ratio Lower Upper

198 100

51 122.1 32.0 72.0#

105 276.3 32.7 72.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

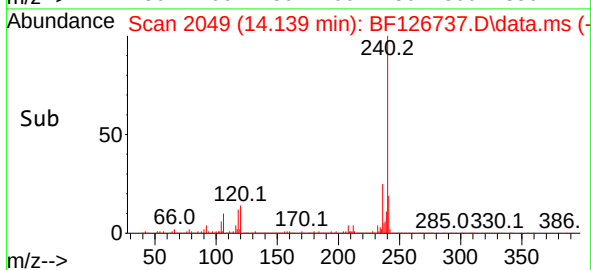
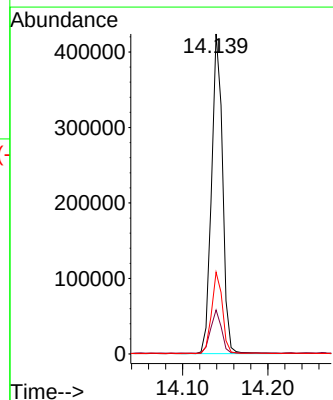
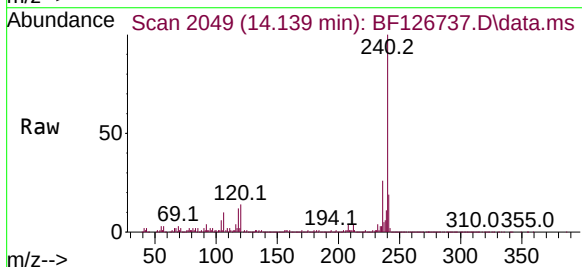
Tgt Ion:240 Resp: 379834

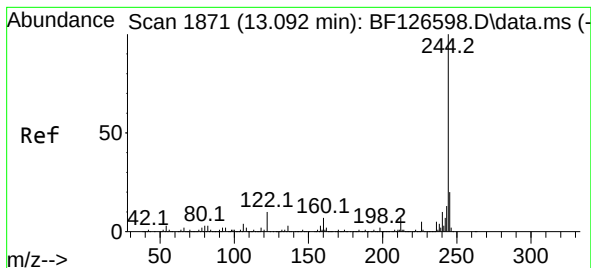
Ion Ratio Lower Upper

240 100

120 13.8 14.4 21.6#

236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 22.227 ng

RT: 13.080 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

Instrument :

BNA_F

ClientSampleId :

TR-05-012722

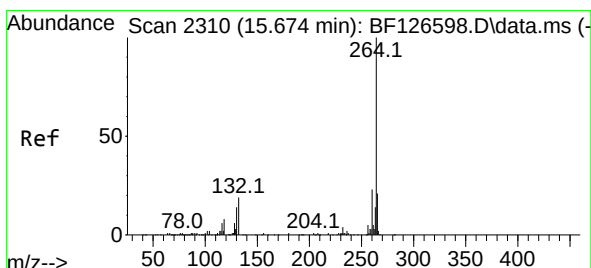
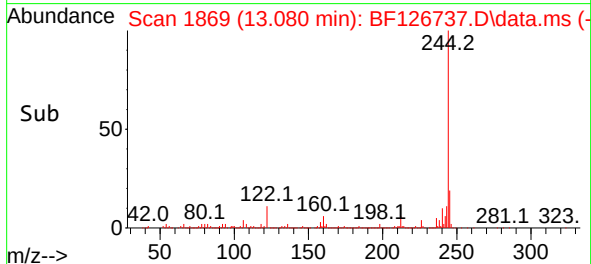
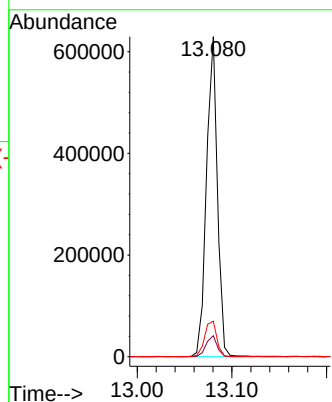
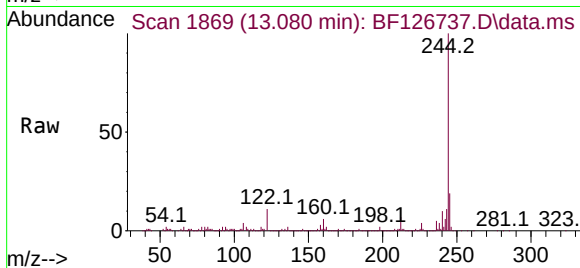
Tgt Ion:244 Resp: 503344

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.1 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.663 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BF126737.D

Acq: 29 Jan 2022 00:42

Tgt Ion:264 Resp: 264016

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 17.4 26.2

