

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129160.D
 Acq On : 07 Jul 2022 15:47
 Operator : CG\JU
 Sample : N3597-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220509-COMPOSITE-D

Quant Time: Jul 07 16:58:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

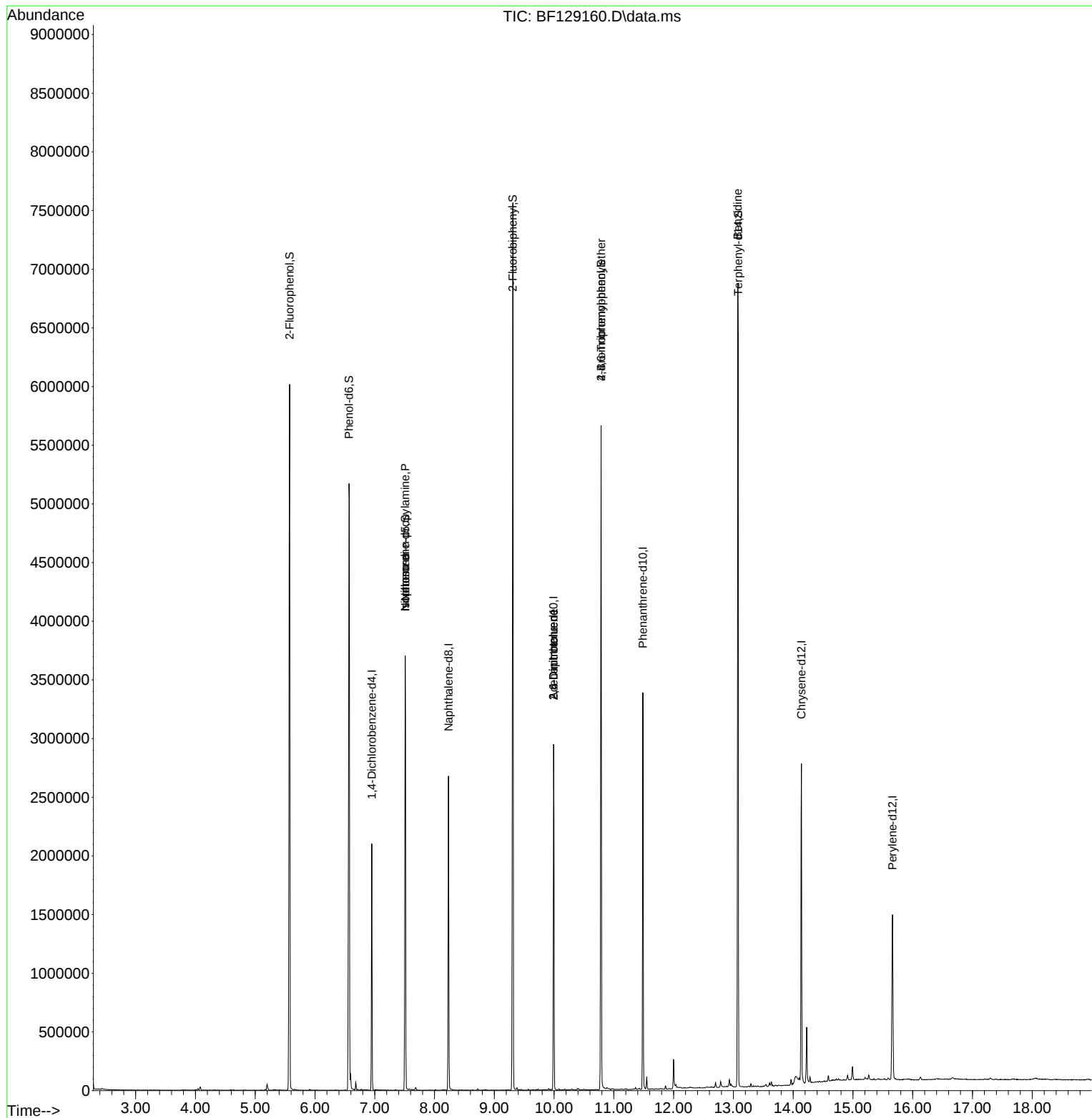
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	288009	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	1118310	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	597499	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1121539	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	893762	20.000	ng	-0.01
86) Perylene-d12	15.662	264	666067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1687677	99.068	ng	-0.01
7) Phenol-d6	6.569	99	2114359	99.934	ng	-0.02
23) Nitrobenzene-d5	7.510	82	1260531	67.232	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	689104	106.066	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2245709	60.128	ng	-0.01
79) Terphenyl-d14	13.080	244	2496775	58.012	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	396	Below Cal	#	55
19) n-Nitroso-di-n-propyla...	7.510	70	163666	13.372	ng	# 72
25) Isophorone	7.510	82	1242706	39.219	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	78436	10.269	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	78436	8.318	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	41387	3.469	ng	# 1
77) Benizidine	13.074	184	33391	2.098	ng	# 91

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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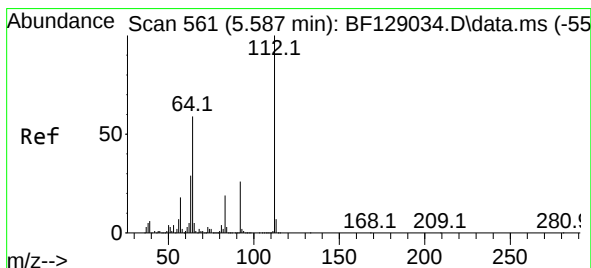
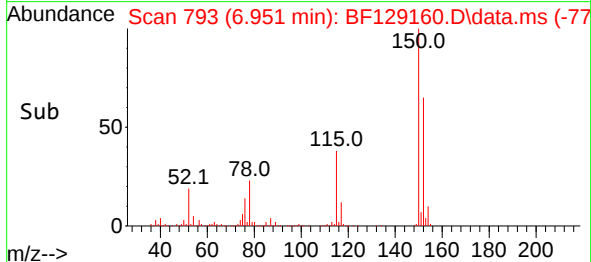
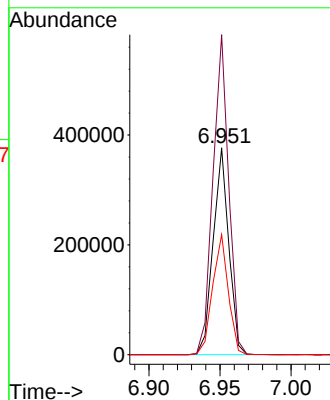
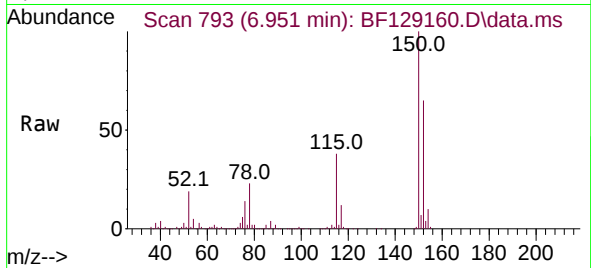




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

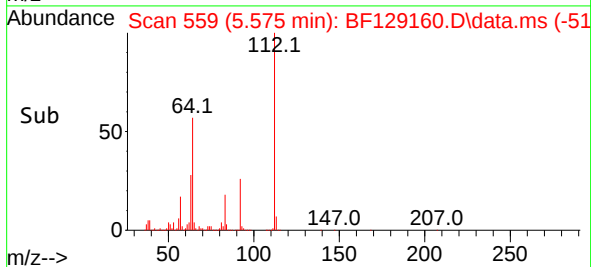
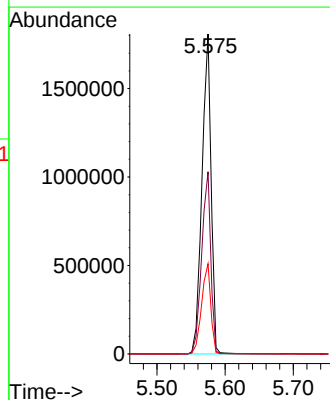
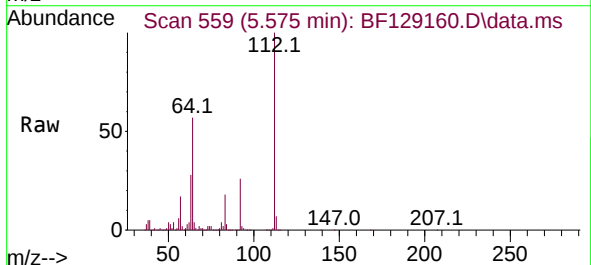
Instrument :
BNA_F
ClientSampleId :
20220509-COMPOSITE-D

Tgt Ion:152 Resp: 288009
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 99.068 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion:112 Resp: 1687677
Ion Ratio Lower Upper
112 100
64 56.9 53.3 79.9
63 28.2 28.0 42.0

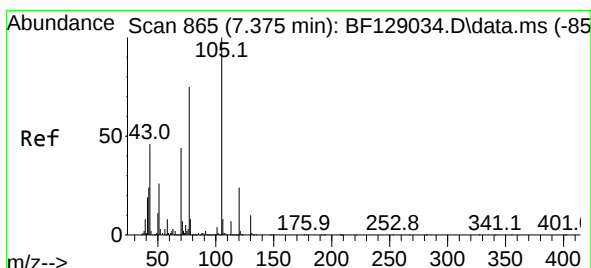
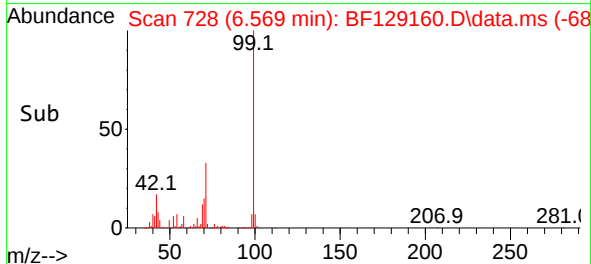
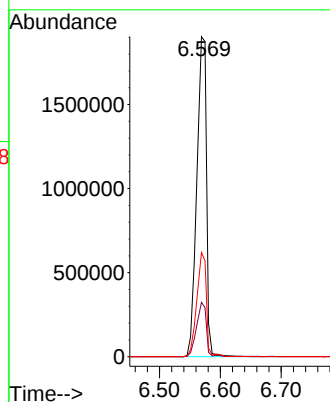
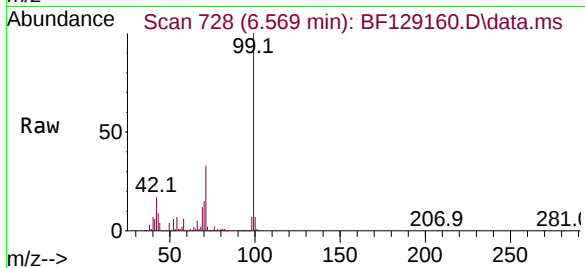




#7
Phenol-d6
Concen: 99.934 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

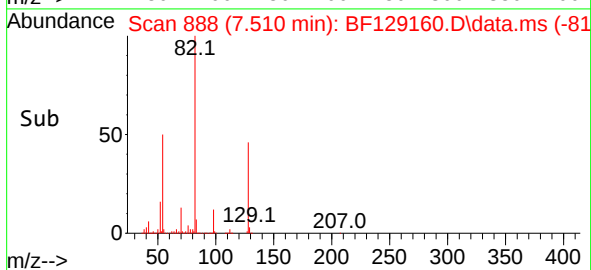
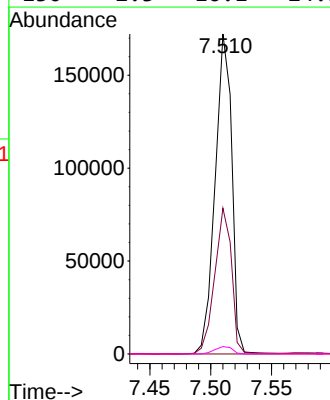
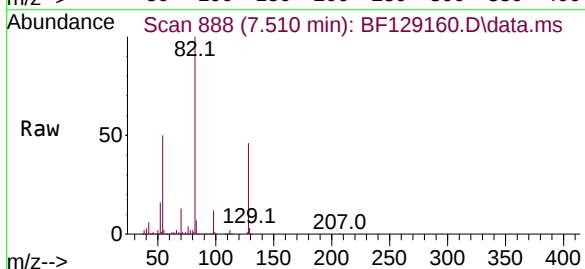
Instrument :
BNA_F
ClientSampleId :
20220509-COMPOSITE-D

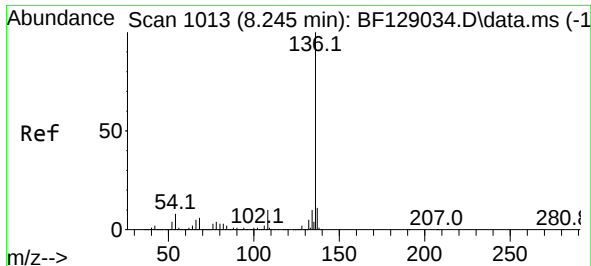
Tgt Ion: 99 Resp: 2114359
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 32.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.372 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion: 70 Resp: 163666
Ion Ratio Lower Upper
70 100
42 45.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.233 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

Instrument :

BNA_F

ClientSampleId :

20220509-COMPOSITE-D

Tgt Ion:136 Resp: 1118310

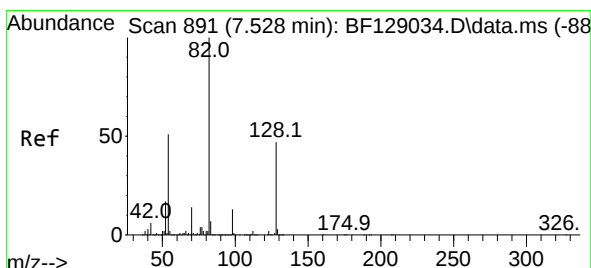
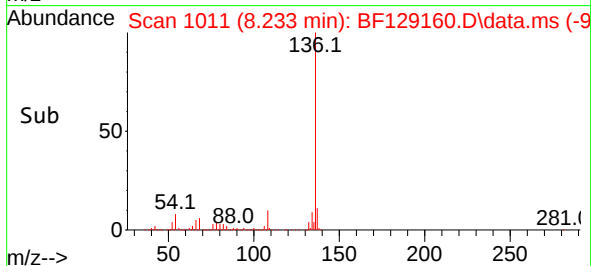
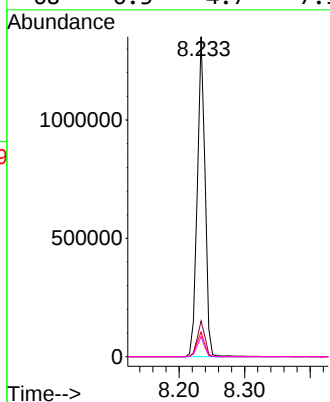
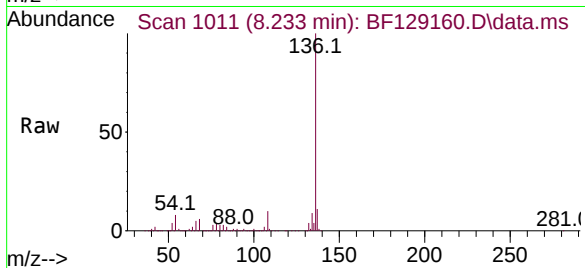
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.7 7.5 11.3

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 67.232 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

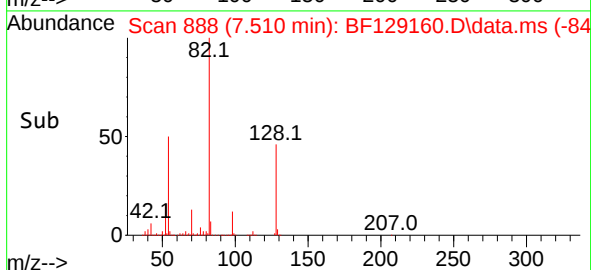
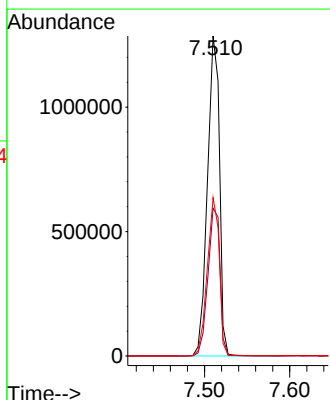
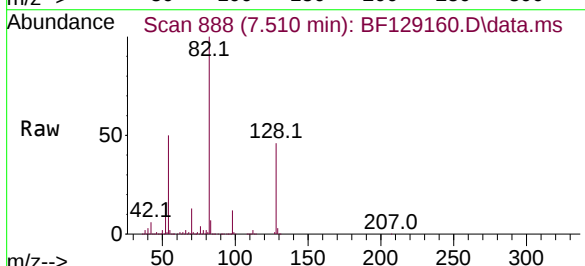
Tgt Ion: 82 Resp: 1260531

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

54 49.5 46.9 70.3

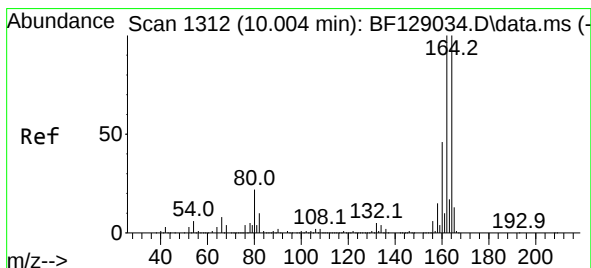
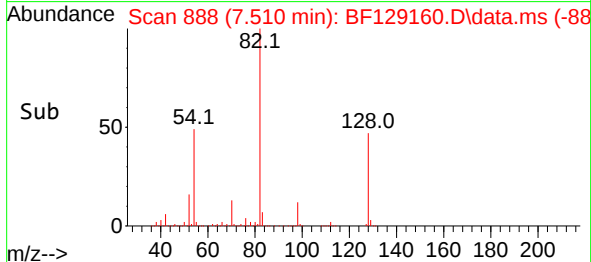
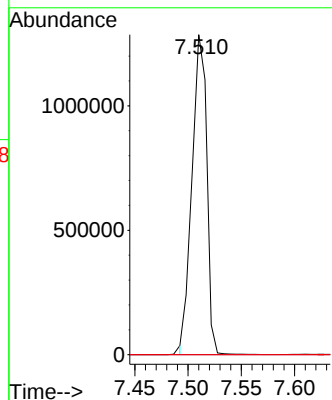
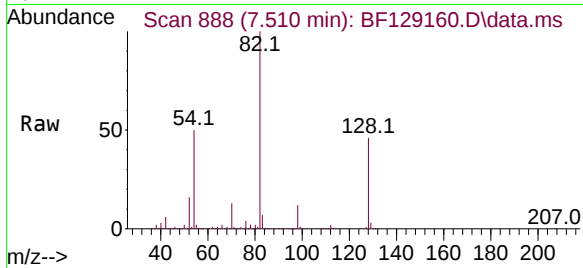




#25
Isophorone
Concen: 39.219 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.283 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

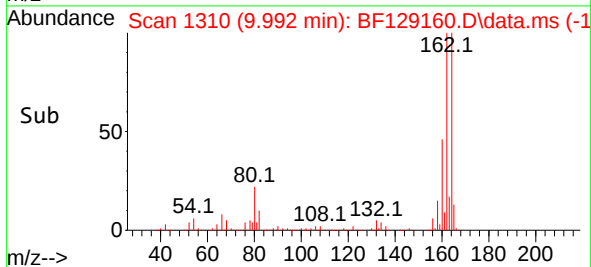
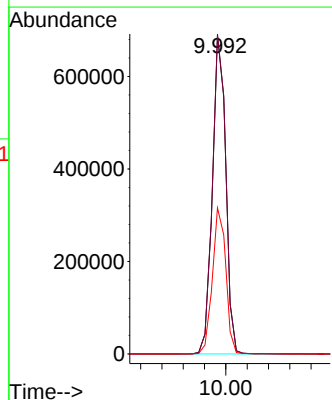
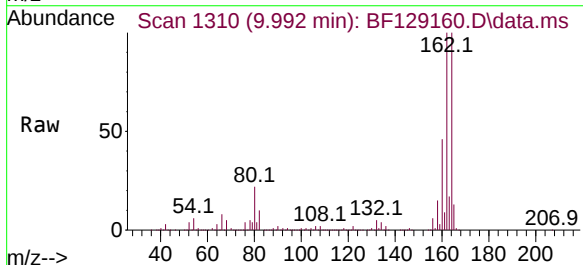
Instrument :
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20220509-COMPOSITE-D

Tgt Ion: 82 Resp: 1242706
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion:164 Resp: 597499
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 106.066 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

Instrument :

BNA_F

ClientSampleId :

20220509-COMPOSITE-D

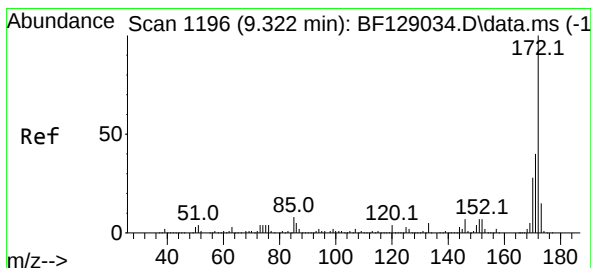
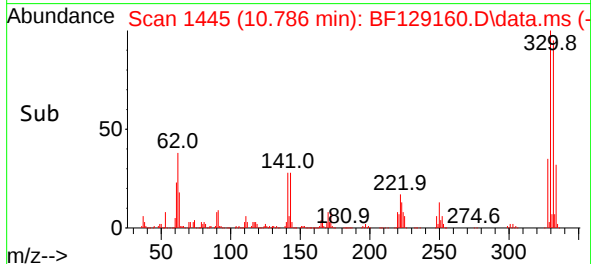
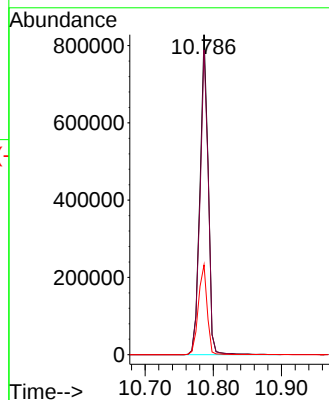
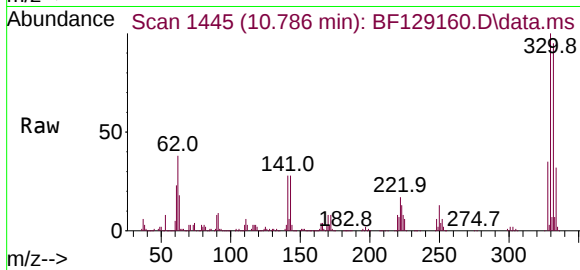
Tgt Ion:330 Resp: 689104

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 29.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.128 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

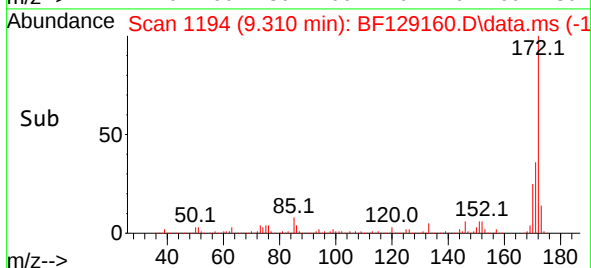
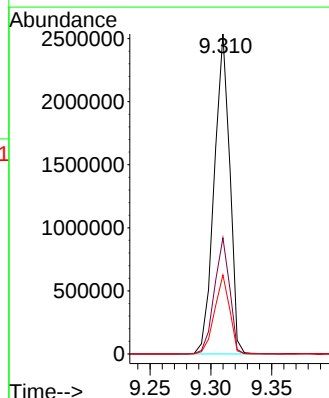
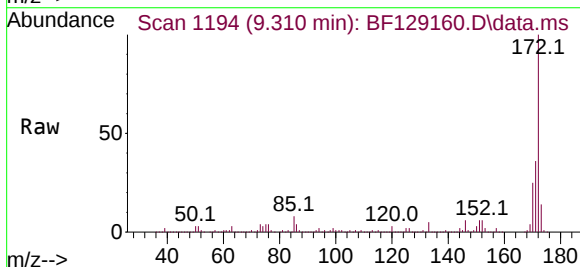
Tgt Ion:172 Resp: 2245709

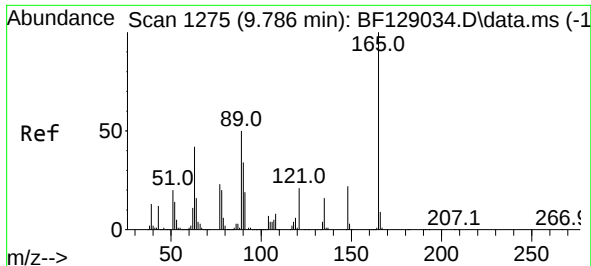
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.7 19.8 29.8

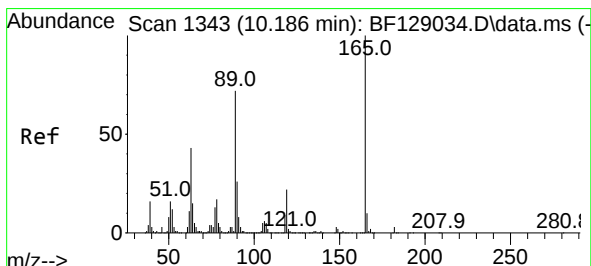
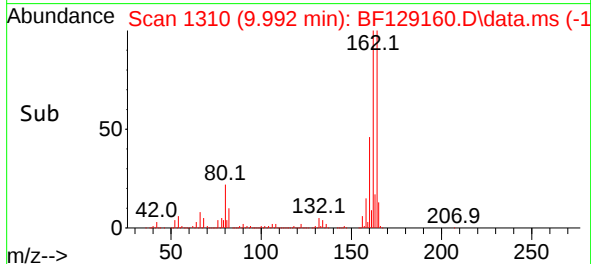
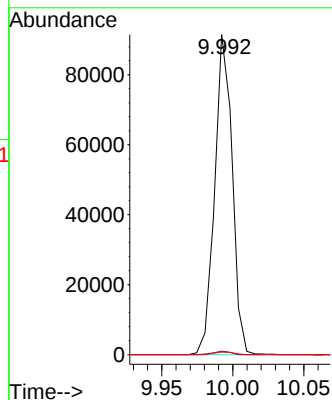
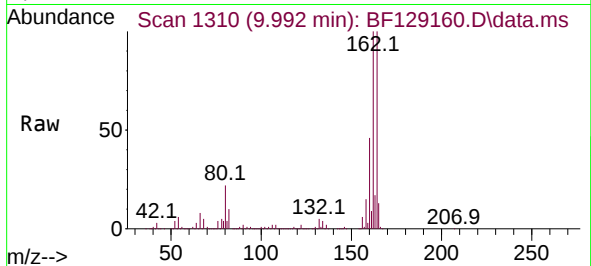




#51
2,6-Dinitrotoluene
Concen: 10.269 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

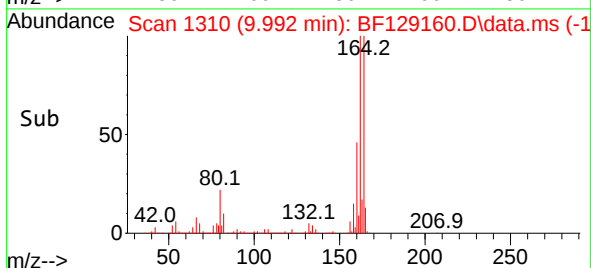
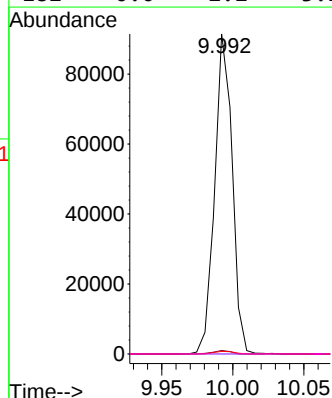
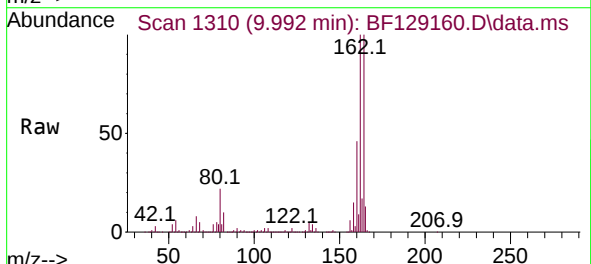
Instrument :
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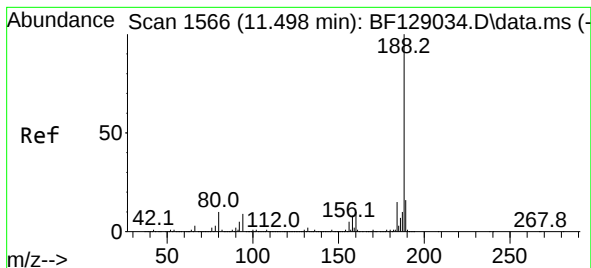
Tgt Ion:165 Resp: 78436
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 0.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.318 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion:165 Resp: 78436
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 0.8 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

Instrument :

BNA_F

ClientSampleId :

20220509-COMPOSITE-D

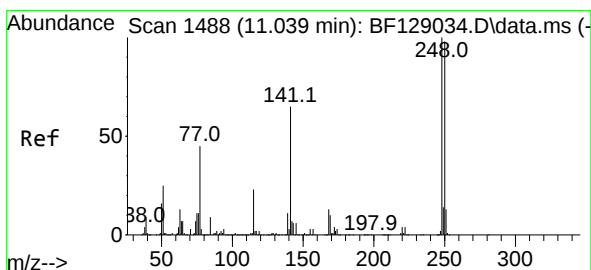
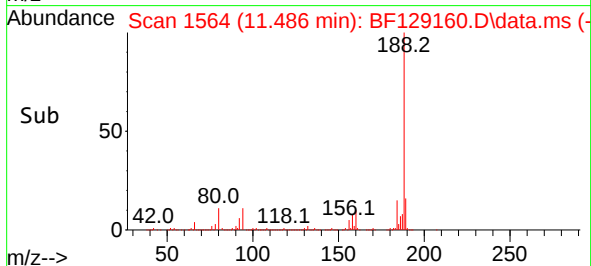
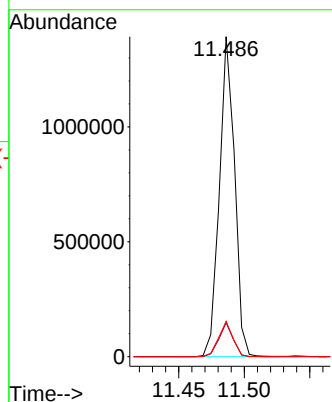
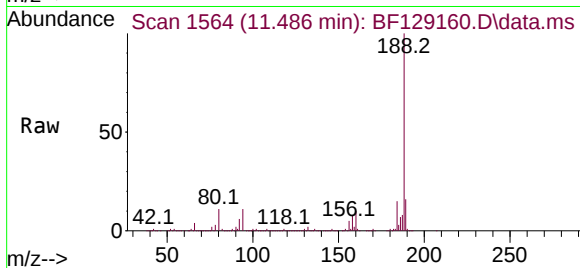
Tgt Ion:188 Resp: 1121539

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.469 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

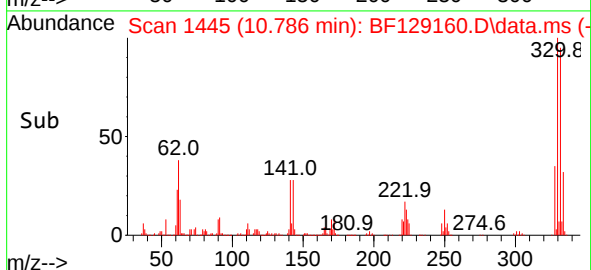
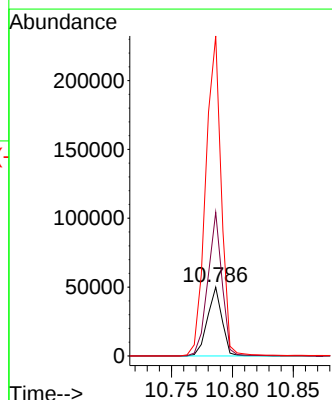
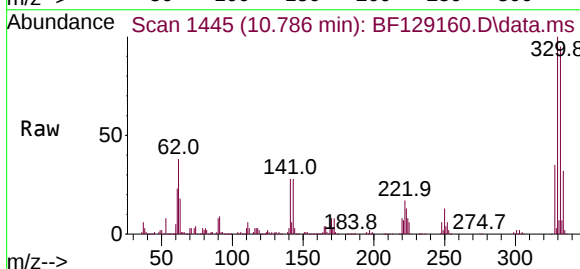
Tgt Ion:248 Resp: 41387

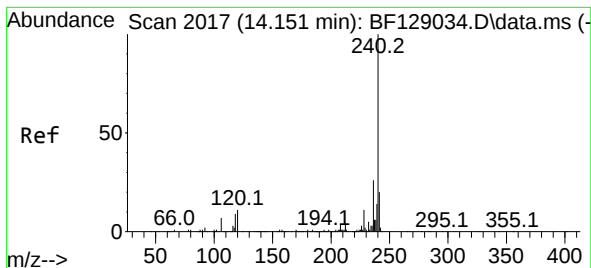
Ion Ratio Lower Upper

248 100

250 208.6 80.6 120.8#

141 464.9 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

Instrument :

BNA_F

ClientSampleId :

20220509-COMPOSITE-D

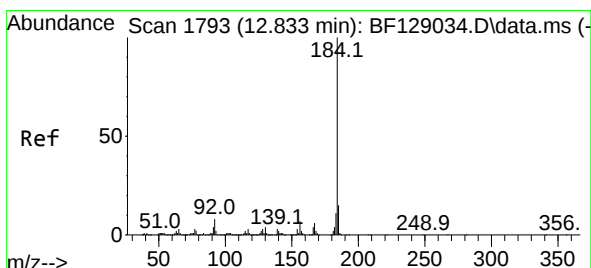
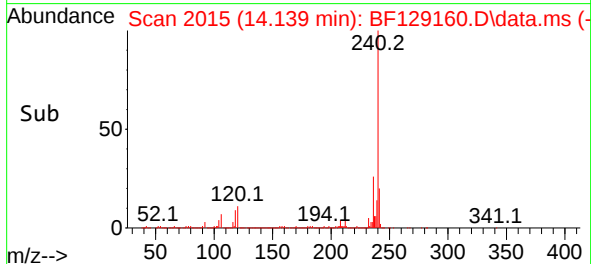
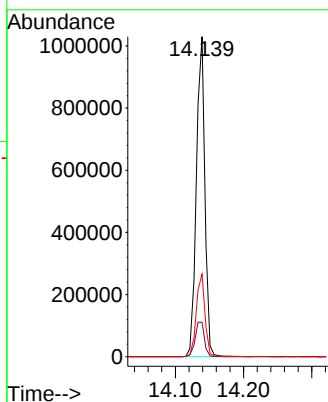
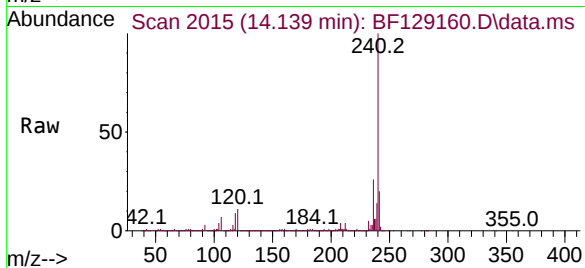
Tgt Ion:240 Resp: 893762

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.8 20.8 31.2



#77

Benzidine

Concen: 2.098 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

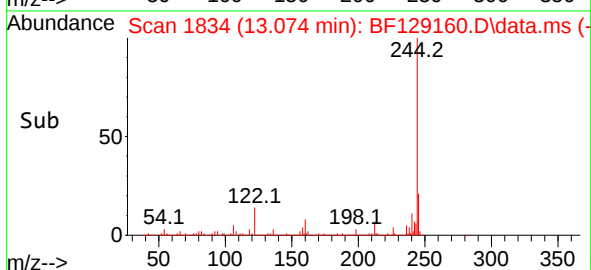
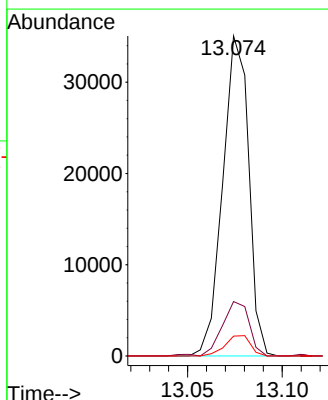
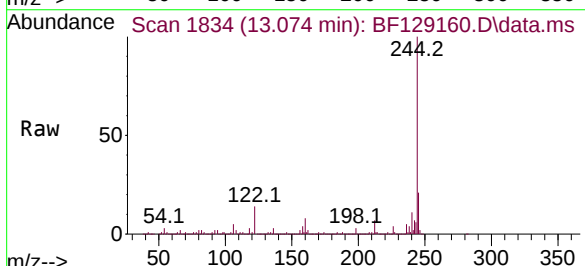
Tgt Ion:184 Resp: 33391

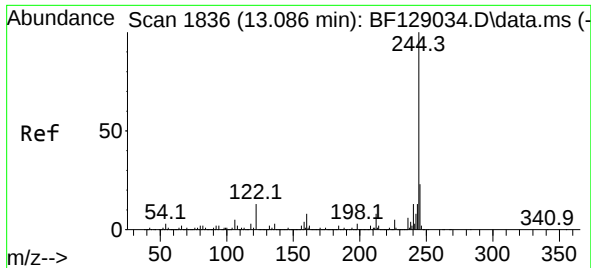
Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

183 6.2 9.3 13.9#

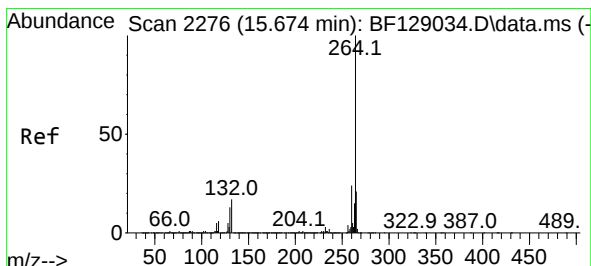
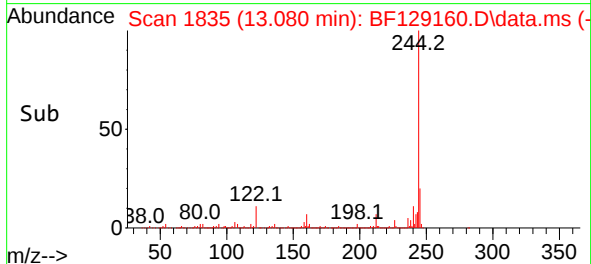
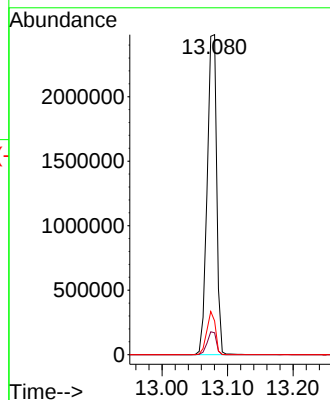
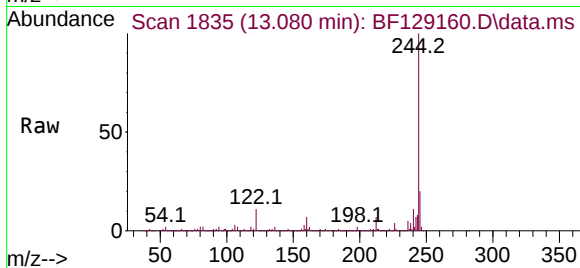




#79
 Terphenyl-d14
 Concen: 58.012 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129160.D
 Acq: 07 Jul 2022 15:47

Instrument :
 BNA_F
 ClientSampleId :
 20220509-COMPOSITE-D

Tgt Ion:244 Resp: 2496775
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129160.D
 Acq: 07 Jul 2022 15:47

Tgt Ion:264 Resp: 666067
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.6 17.2 25.8

