

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129159.D
 Acq On : 07 Jul 2022 15:16
 Operator : CG\JU
 Sample : N3597-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220508-COMPOSITE-C

Quant Time: Jul 07 16:58:37 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)

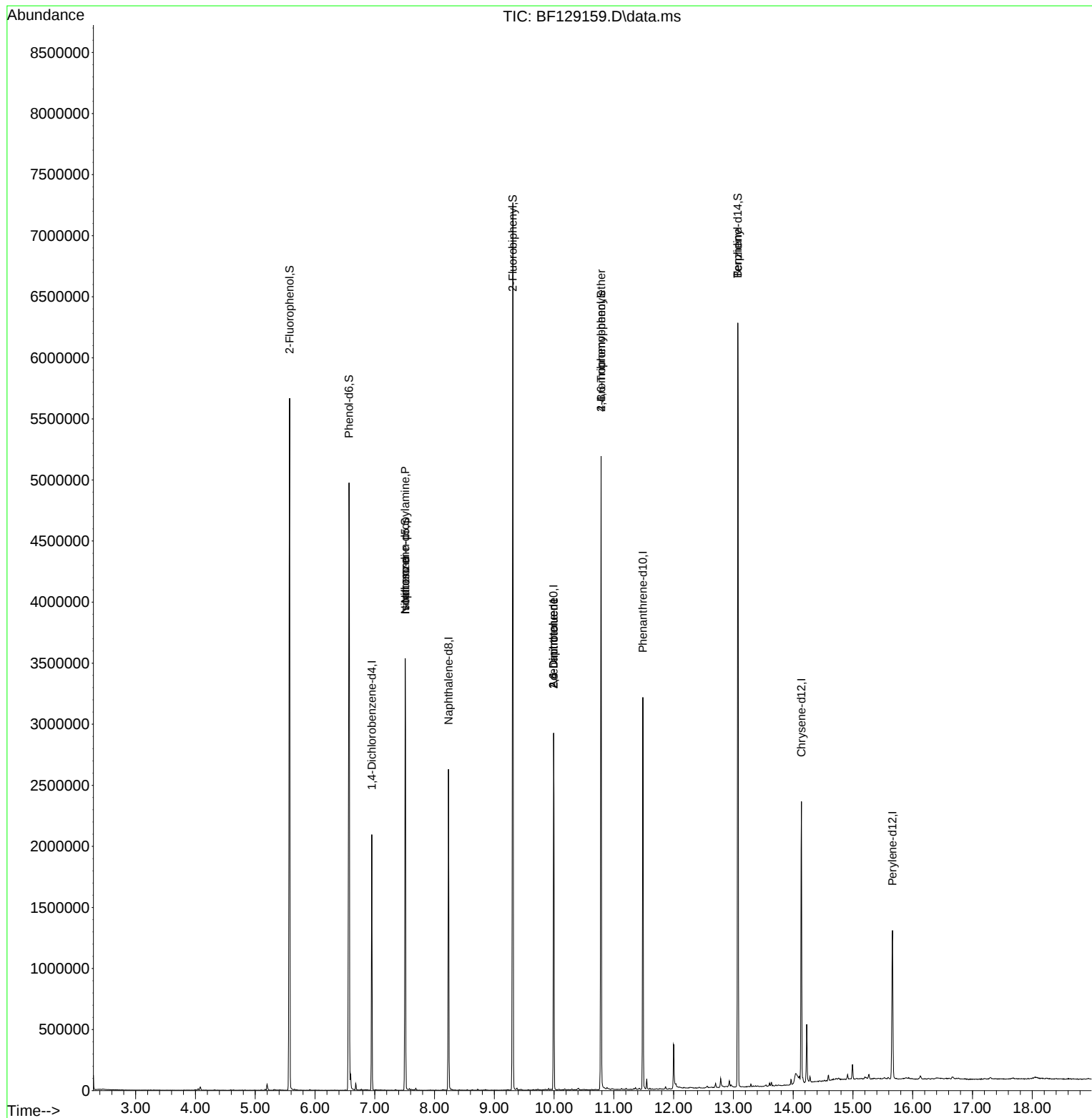
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	283206	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	1098277	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	585252	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1098794	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	762406	20.000	ng	-0.01
86) Perylene-d12	15.662	264	552585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1543867	92.163	ng	-0.01
7) Phenol-d6	6.569	99	1962546	94.331	ng	-0.02
23) Nitrobenzene-d5	7.510	82	1150490	62.482	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	629515	98.922	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2070932	56.609	ng	-0.01
79) Terphenyl-d14	13.074	244	2202609	59.994	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	474	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.510	70	149692	12.438	ng	# 72
25) Isophorone	7.510	82	1135902	36.502	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	76191	10.184	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	76191	8.249	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	38165	3.265	ng	# 1
77) Benizidine	13.074	184	28819	2.123	ng	# 93

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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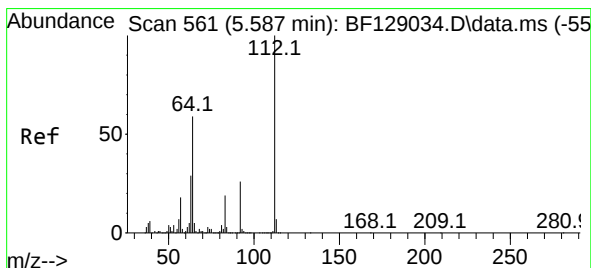
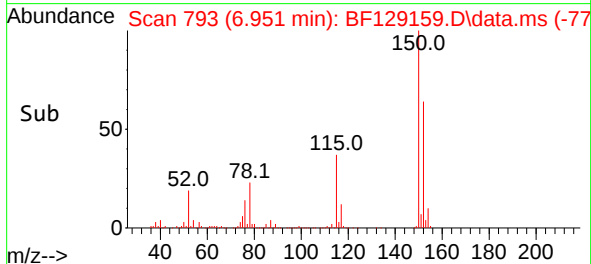
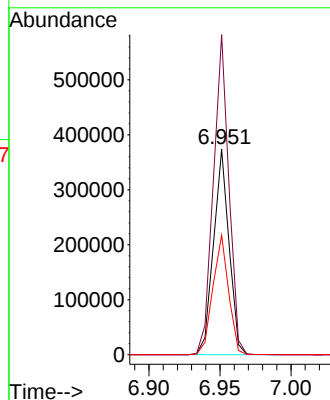
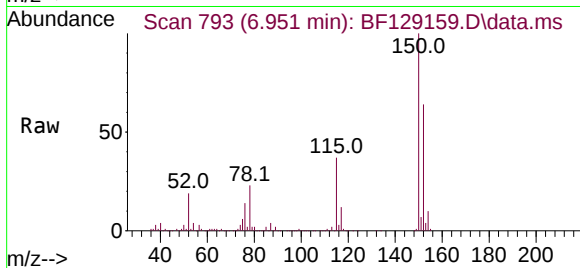




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

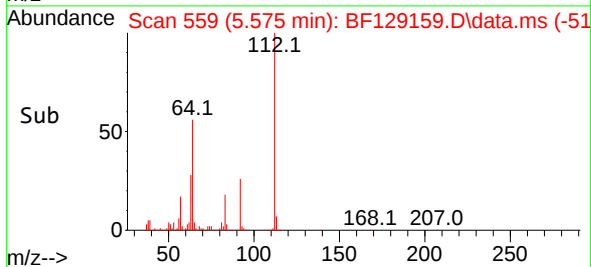
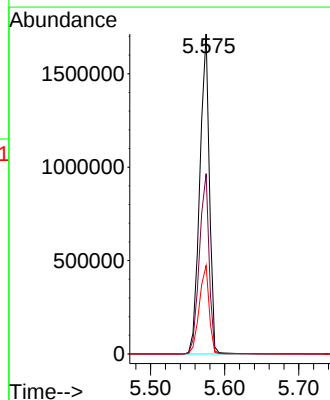
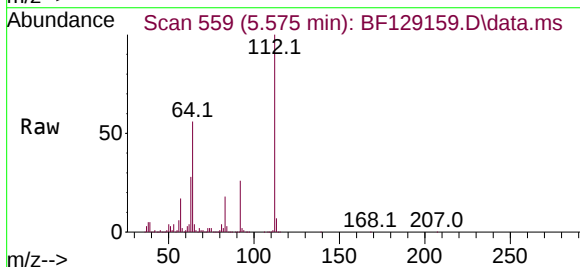
Instrument :
BNA_F
ClientSampleId :
20220508-COMPOSITE-C

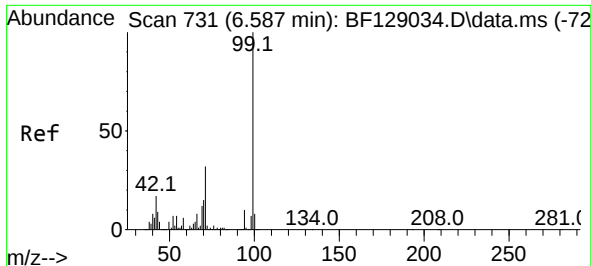
Tgt Ion:152 Resp: 283206
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 92.163 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

Tgt Ion:112 Resp: 1543867
Ion Ratio Lower Upper
112 100
64 56.4 53.3 79.9
63 27.6 28.0 42.0#

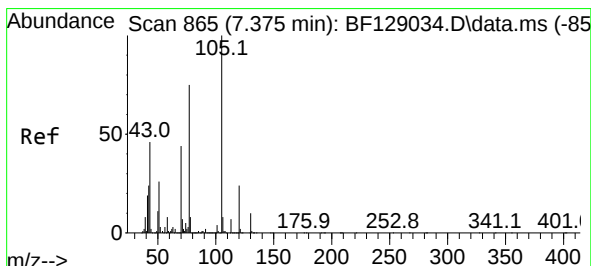
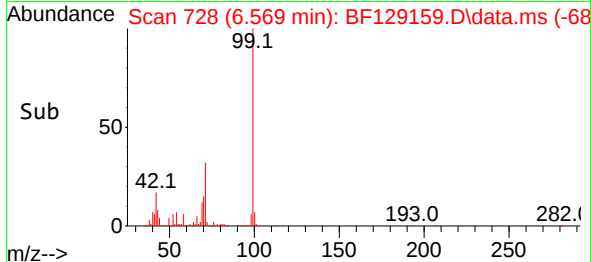
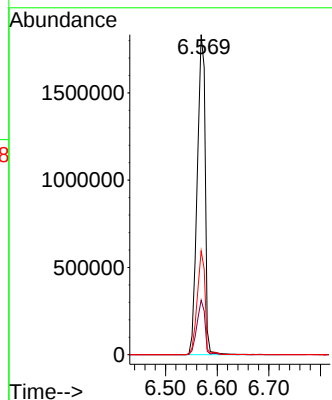
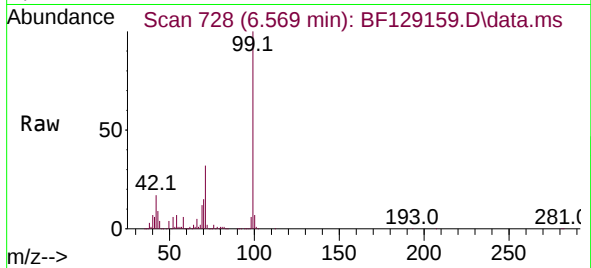




#7
Phenol-d6
Concen: 94.331 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

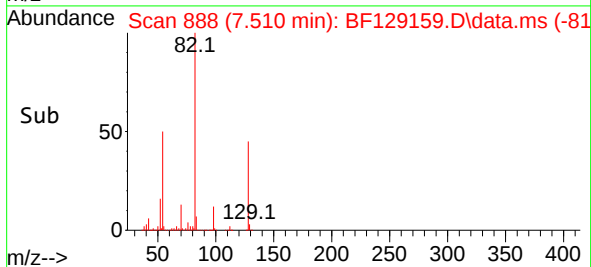
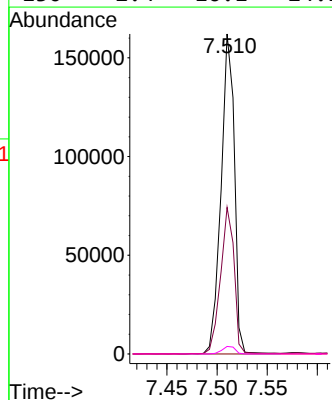
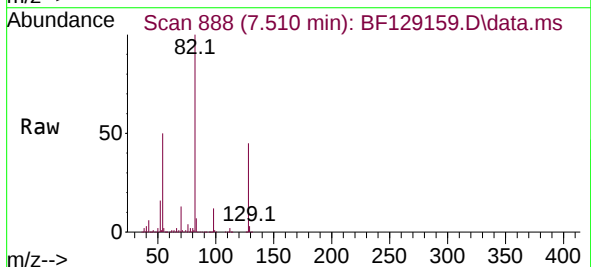
Instrument :
BNA_F
ClientSampleId :
20220508-COMPOSITE-C

Tgt Ion: 99 Resp: 1962546
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 32.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.438 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

Tgt Ion: 70 Resp: 149692
Ion Ratio Lower Upper
70 100
42 45.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#



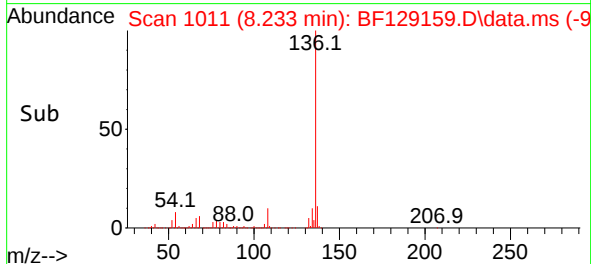
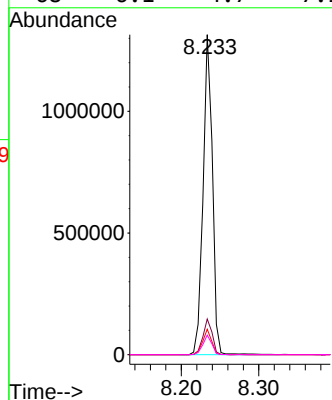
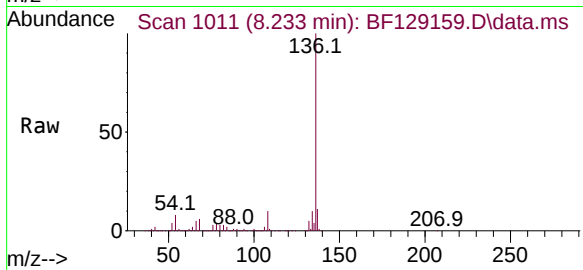


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

Instrument :
BNA_F
ClientSampleId :
20220508-COMPOSITE-C

Tgt Ion:136 Resp: 1098277

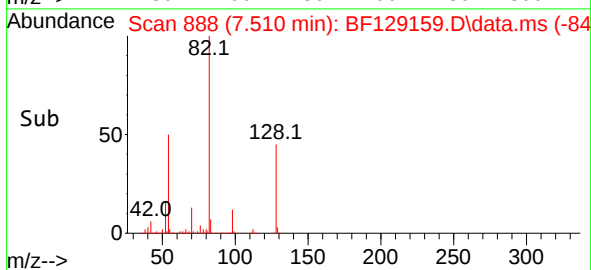
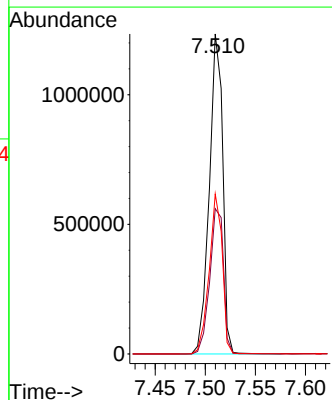
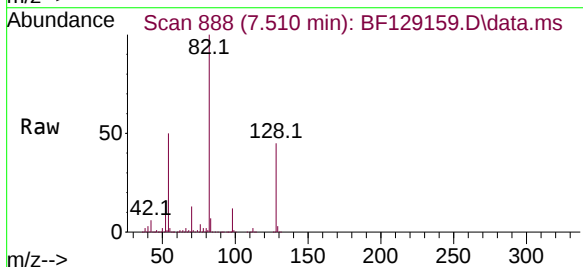
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 62.482 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

Tgt Ion: 82 Resp: 1150490

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	50.0	46.9	70.3

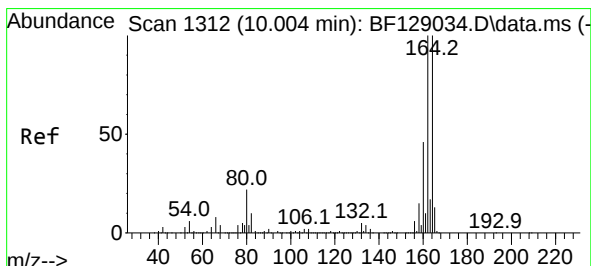
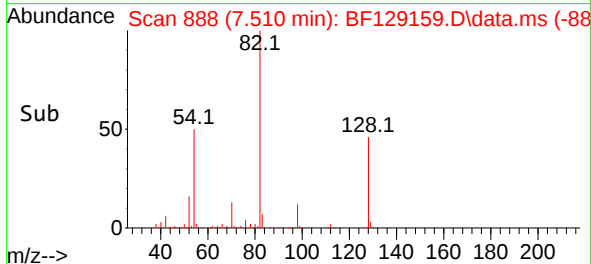
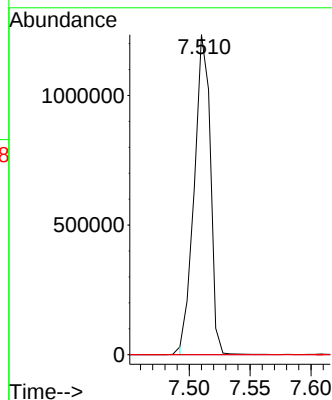
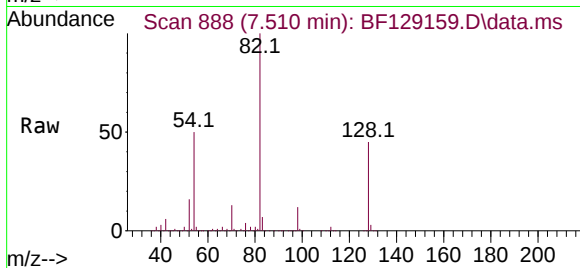




#25
Isophorone
Concen: 36.502 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.283 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

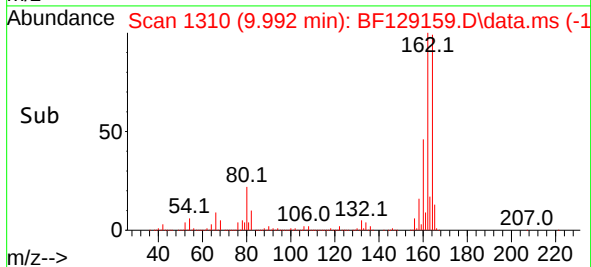
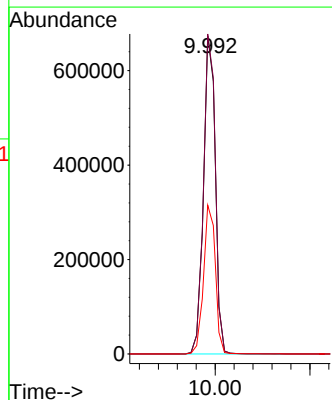
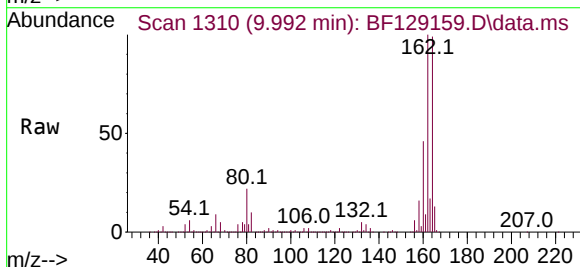
Instrument :
BNA_F
ClientSampleId :
20220508-COMPOSITE-C

Tgt Ion: 82 Resp: 1135902
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: BF129159.D
Acq: 07 Jul 2022 15:16

Tgt Ion:164 Resp: 585252
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 46.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.922 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129159.D

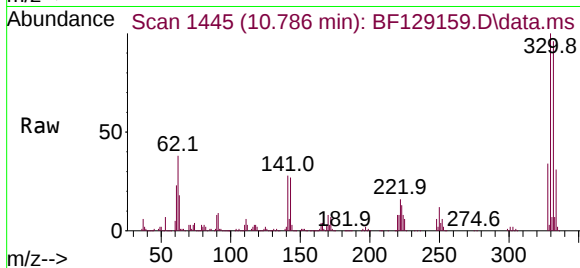
Acq: 07 Jul 2022 15:16

Instrument :

BNA_F

ClientSampleId :

20220508-COMPOSITE-C



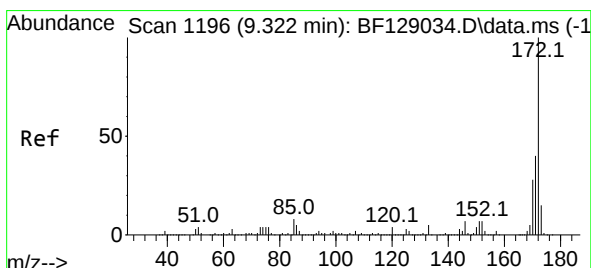
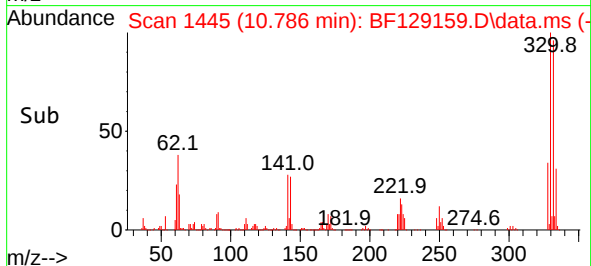
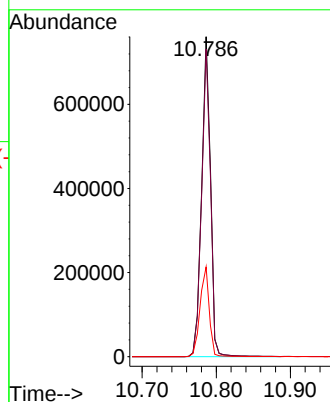
Tgt Ion:330 Resp: 629515

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 29.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.609 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129159.D

Acq: 07 Jul 2022 15:16

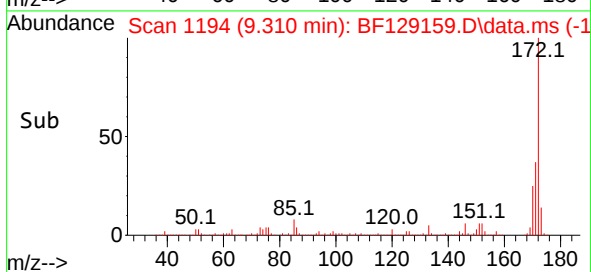
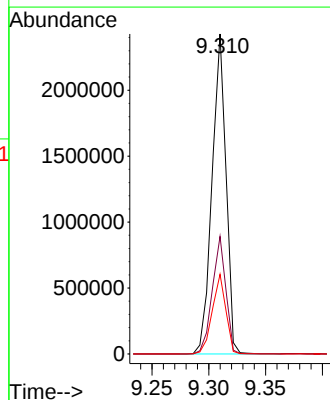
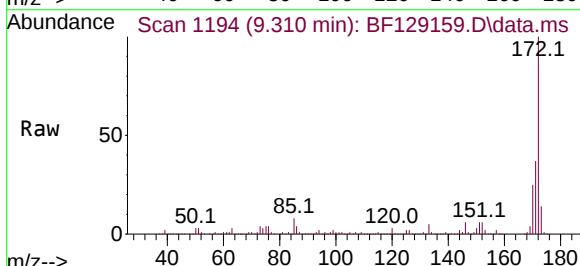
Tgt Ion:172 Resp: 2070932

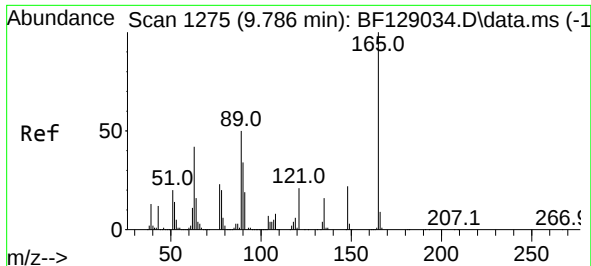
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.184 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF129159.D

Acq: 07 Jul 2022 15:16

Instrument :

BNA_F

ClientSampleId :

20220508-COMPOSITE-C

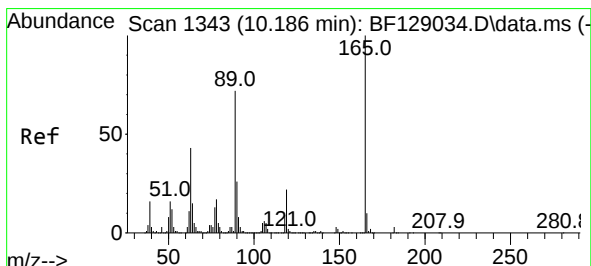
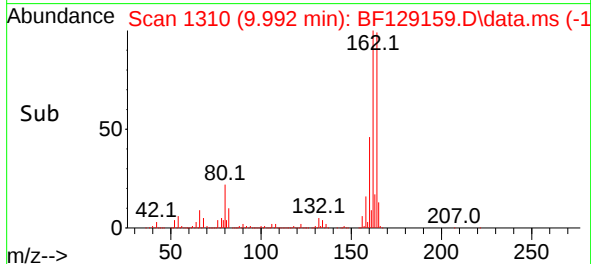
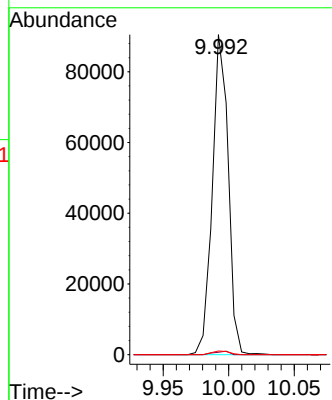
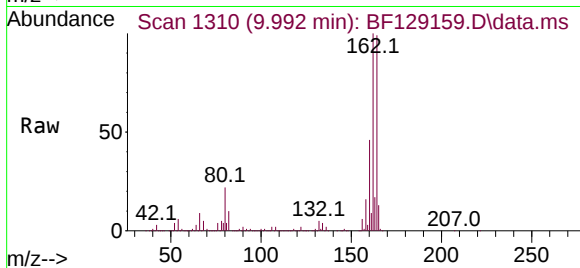
Tgt Ion:165 Resp: 76191

Ion Ratio Lower Upper

165 100

63 0.7 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.249 ng

RT: 9.992 min Scan# 1310

Delta R.T. -0.194 min

Lab File: BF129159.D

Acq: 07 Jul 2022 15:16

Tgt Ion:165 Resp: 76191

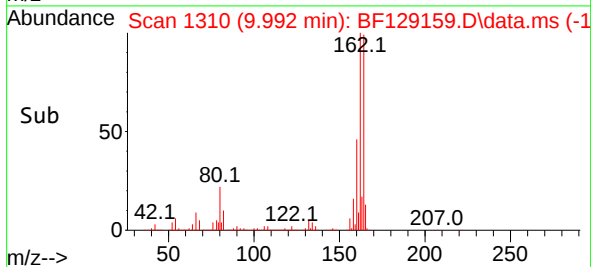
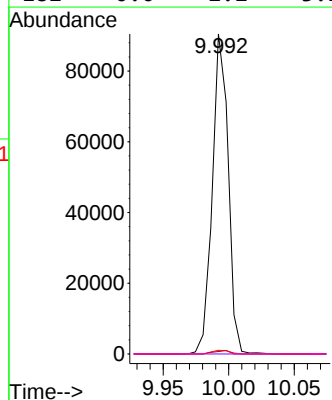
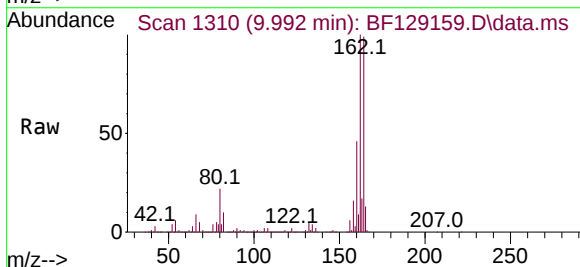
Ion Ratio Lower Upper

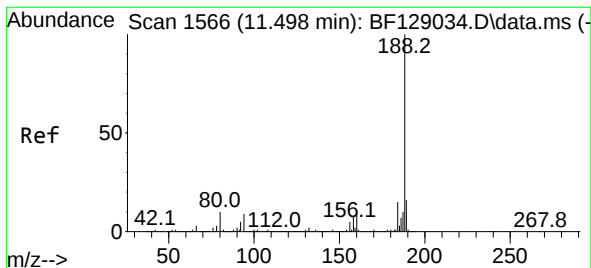
165 100

63 0.7 39.8 59.6#

89 1.1 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: BF129159.D

Acq: 07 Jul 2022 15:16

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20220508-COMPOSITE-C

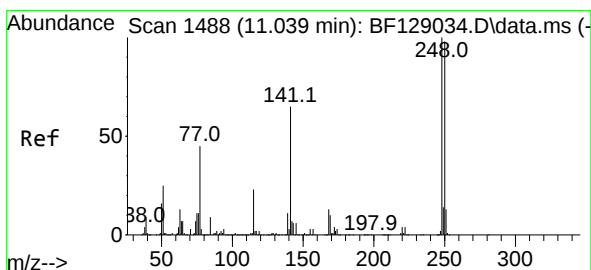
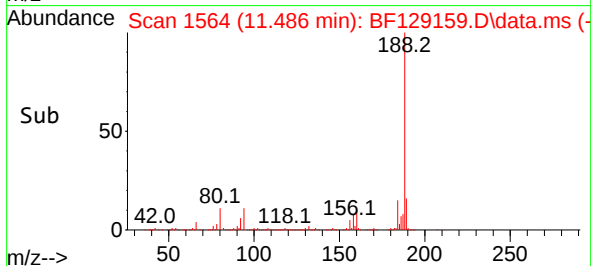
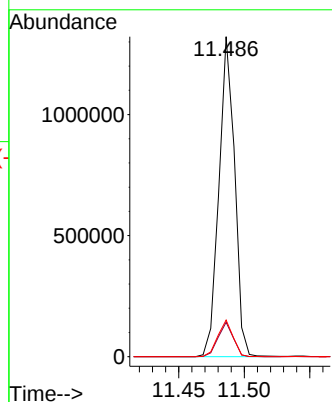
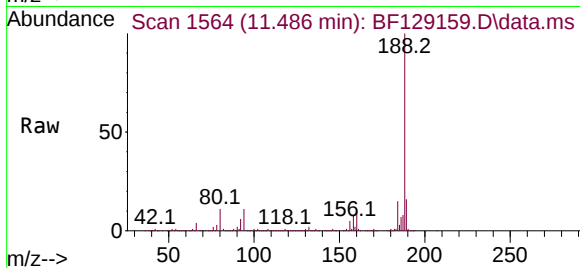
Tgt Ion:188 Resp: 1098794

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.265 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129159.D

Acq: 07 Jul 2022 15:16

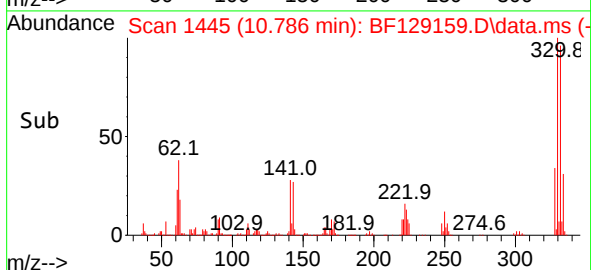
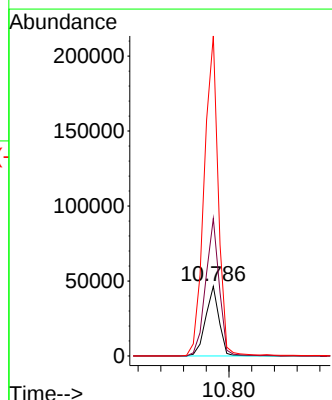
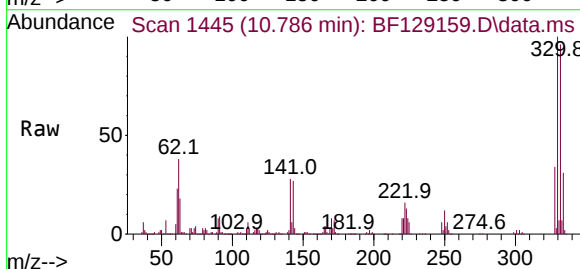
Tgt Ion:248 Resp: 38165

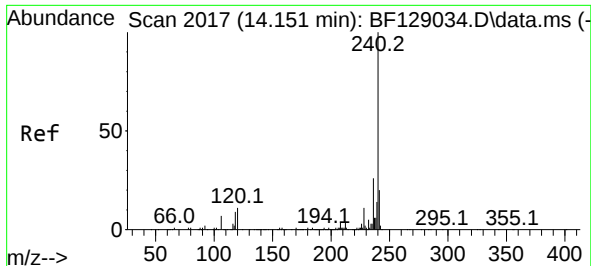
Ion Ratio Lower Upper

248 100

250 197.3 80.6 120.8#

141 459.4 58.9 88.3#

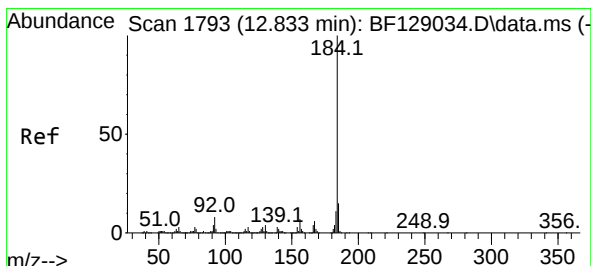
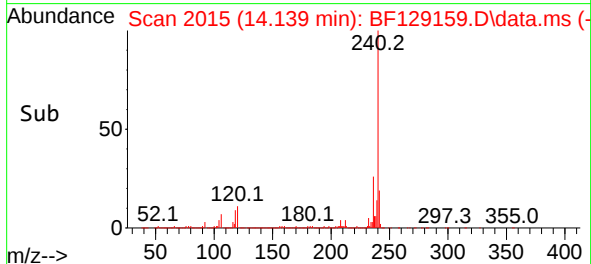
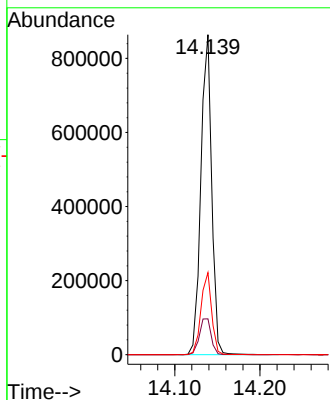
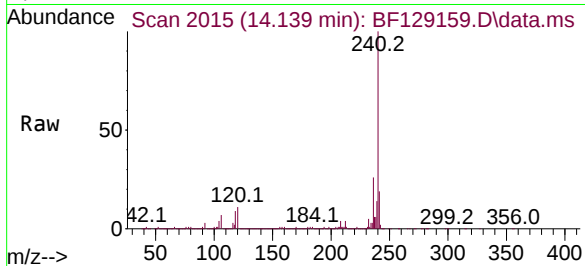




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

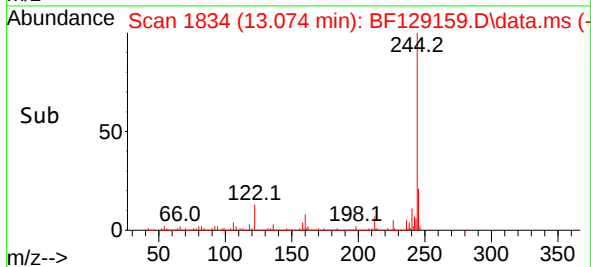
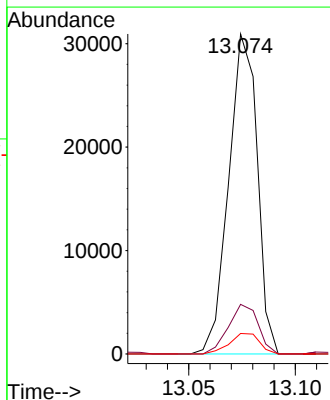
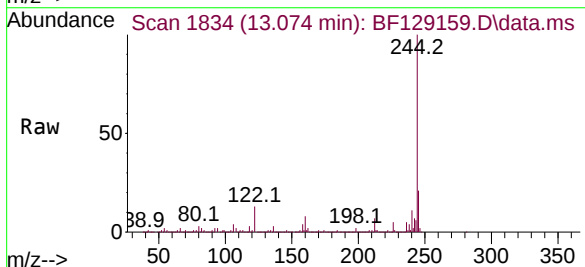
Instrument :
BNA_F
ClientSampleId :
20220508-COMPOSITE-C

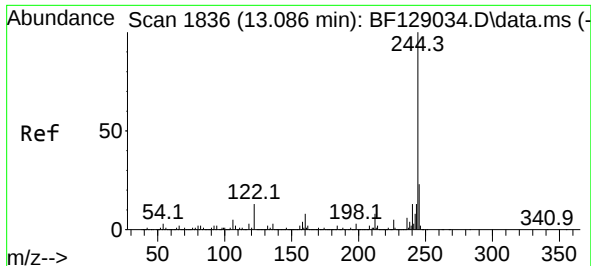
Tgt Ion:240 Resp: 762406
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.123 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.241 min
Lab File: BF129159.D
Acq: 07 Jul 2022 15:16

Tgt Ion:184 Resp: 28819
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 6.4 9.3 13.9#

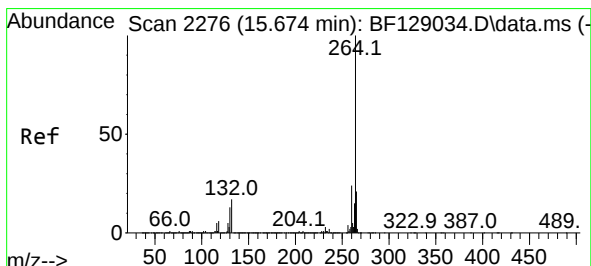
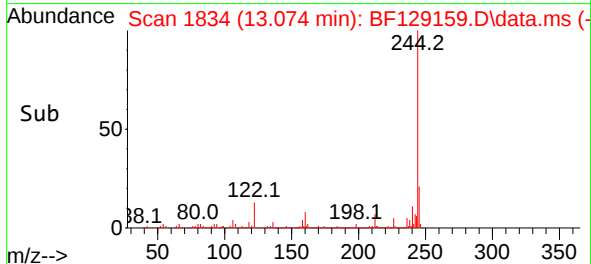
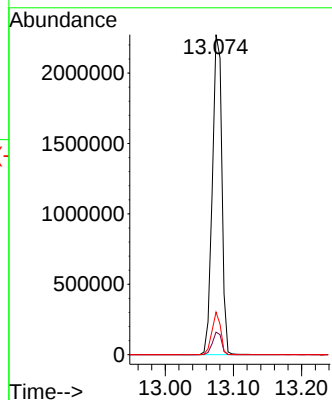
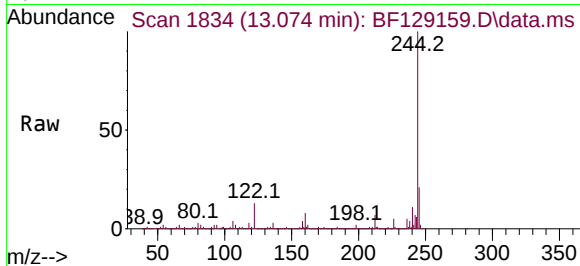




#79
 Terphenyl-d14
 Concen: 59.994 ng
 RT: 13.074 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF129159.D
 Acq: 07 Jul 2022 15:16

Instrument :
 BNA_F
 ClientSampleId :
 20220508-COMPOSITE-C

Tgt Ion:244 Resp: 2202609
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.3 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: BF129159.D
 Acq: 07 Jul 2022 15:16

Tgt Ion:264 Resp: 552585
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.3 17.2 25.8

