

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129157.D
 Acq On : 07 Jul 2022 14:13
 Operator : CG\JU
 Sample : N3597-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220506-COMPOSITE-A

Quant Time: Jul 07 14:37:51 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)

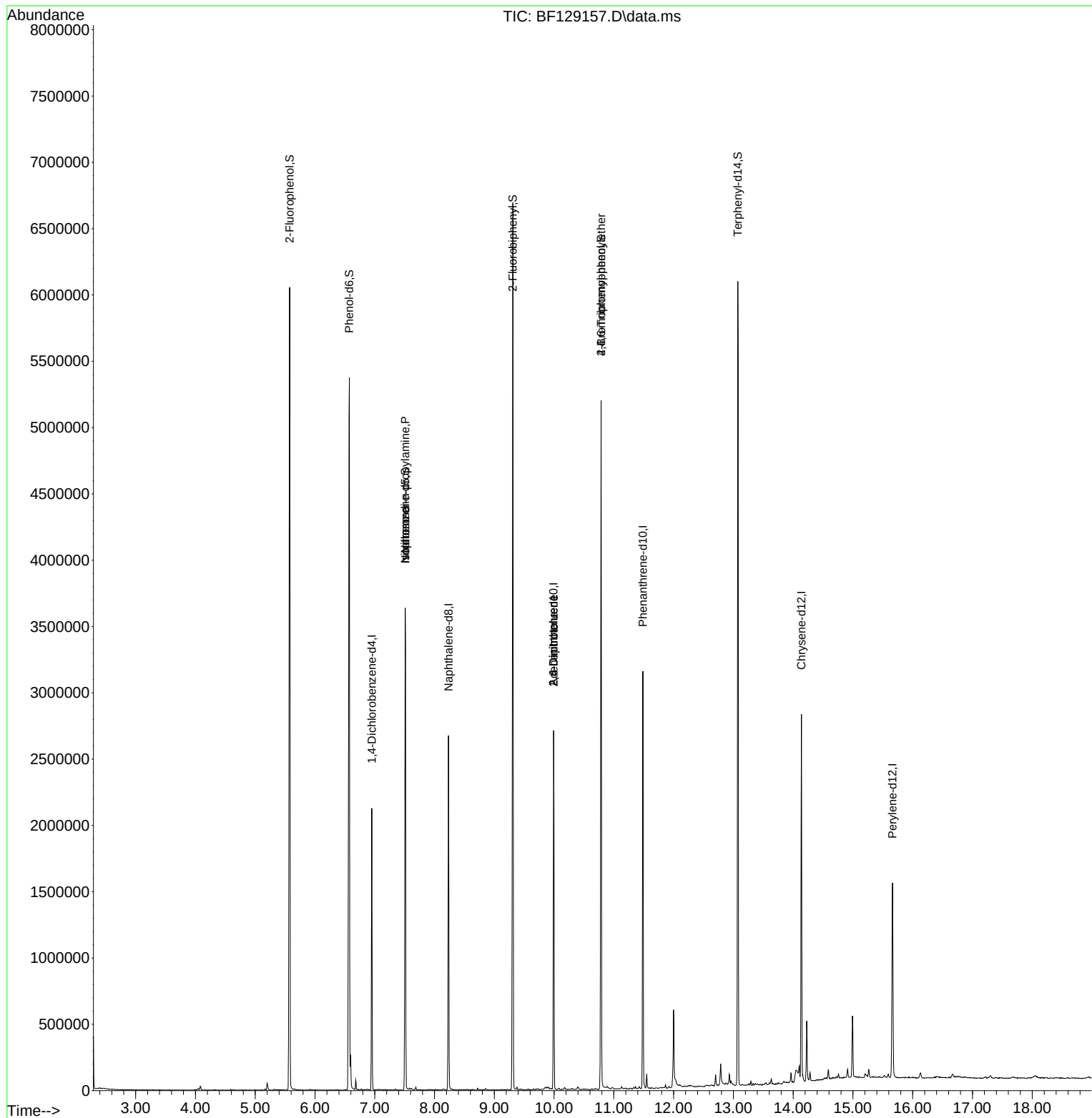
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	292705	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	1125897	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	546365	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1068632	20.000	ng	-0.01
76) Chrysene-d12	14.139	240	870837	20.000	ng	-0.01
86) Perylene-d12	15.662	264	655372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1752448	101.220	ng	-0.01
7) Phenol-d6	6.575	99	2181533	101.454	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1248091	66.120	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	665978	112.100	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1938791	56.769	ng	-0.01
79) Terphenyl-d14	13.074	244	2199310	52.446	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	666	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.510	70	165828	13.332	ng	# 73
25) Isophorone	7.510	82	1229401	38.537	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	71678	10.262	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	71678	8.313	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	39077	3.438	ng	# 1

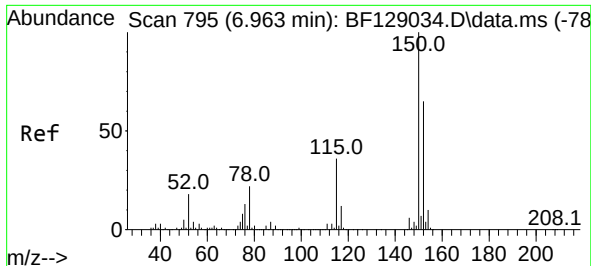
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 14:37:51 2022
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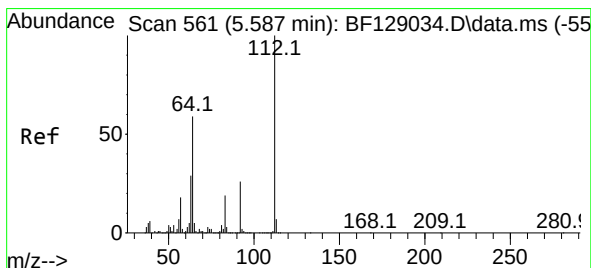
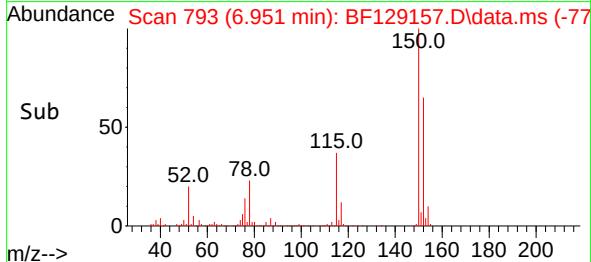
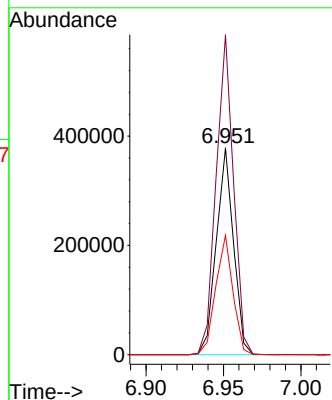
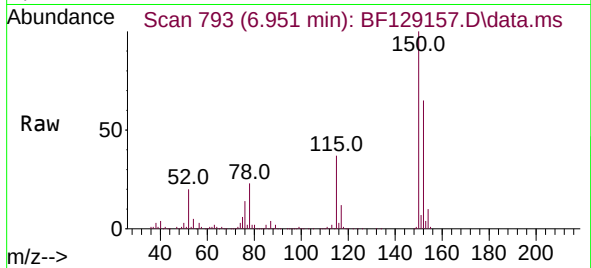




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

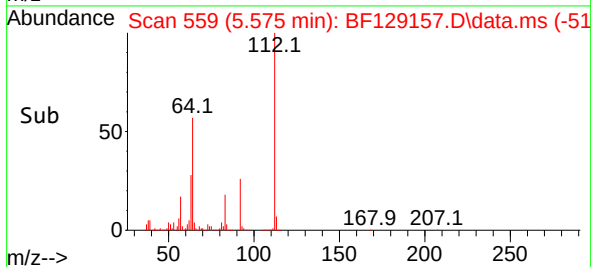
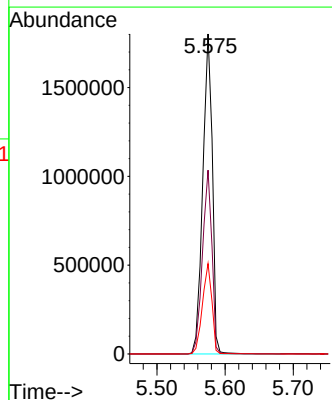
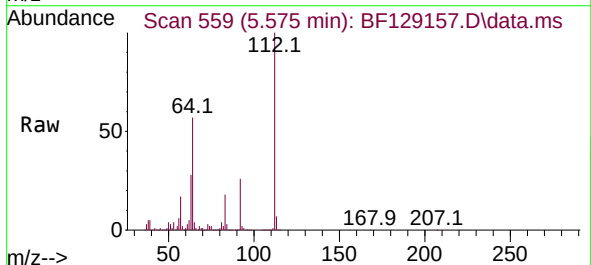
Instrument :
BNA_F
ClientSampleId :
20220506-COMPOSITE-A

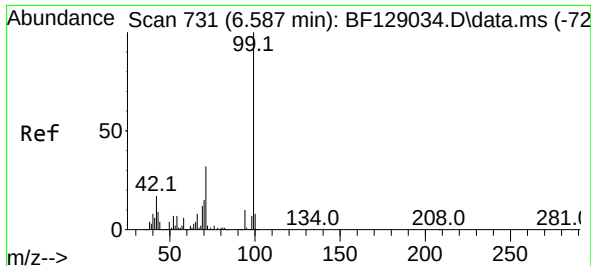
Tgt Ion:152 Resp: 292705
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 57.7 49.9 74.9



#5
2-Fluorophenol
Concen: 101.220 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

Tgt Ion:112 Resp: 1752448
Ion Ratio Lower Upper
112 100
64 57.4 53.3 79.9
63 28.2 28.0 42.0

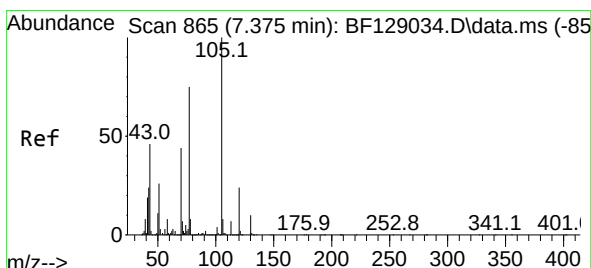
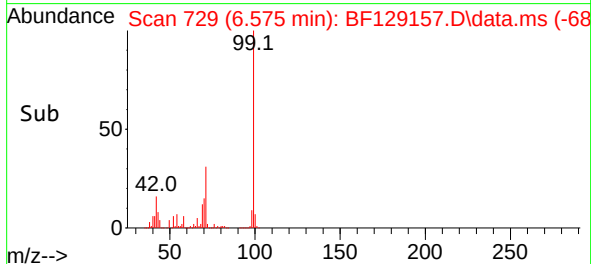
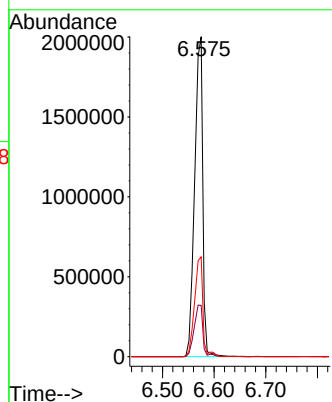
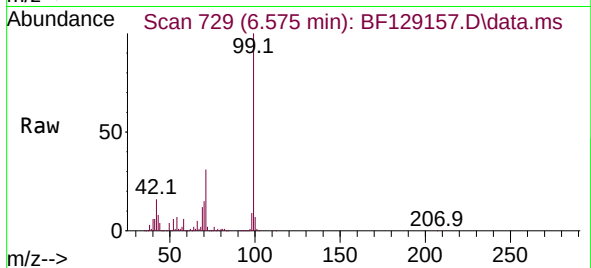




#7
Phenol-d6
Concen: 101.454 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

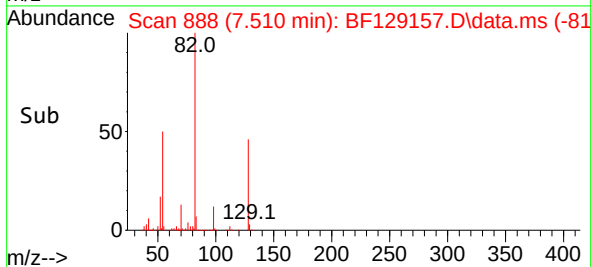
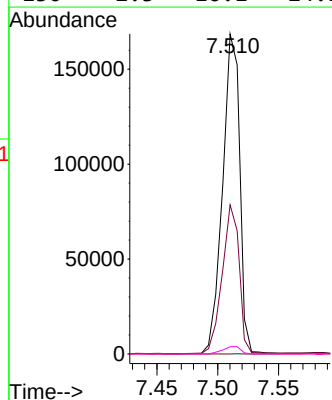
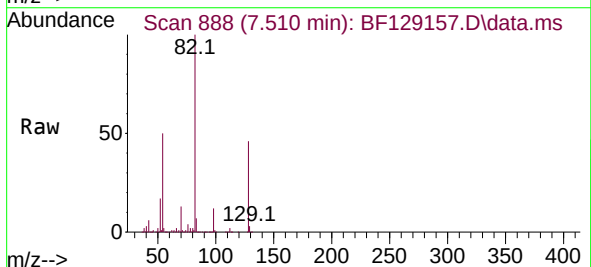
Instrument :
BNA_F
ClientSampleId :
20220506-COMPOSITE-A

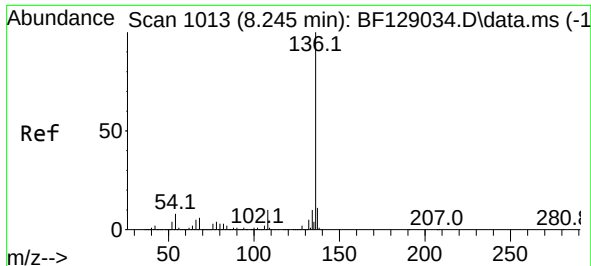
Tgt Ion: 99 Resp: 2181533
Ion Ratio Lower Upper
99 100
42 16.0 17.3 25.9#
71 31.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.332 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

Tgt Ion: 70 Resp: 165828
Ion Ratio Lower Upper
70 100
42 46.6 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: 8.234 min Scan# 1011

Delta R.T. -0.011 min

Lab File: BF129157.D

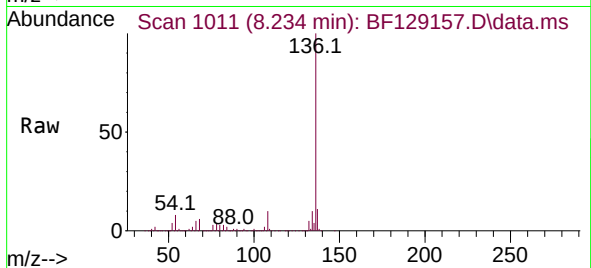
Acq: 07 Jul 2022 14:13

Instrument :

BNA_F

ClientSampleId :

20220506-COMPOSITE-A



Tgt Ion:136 Resp: 1125897

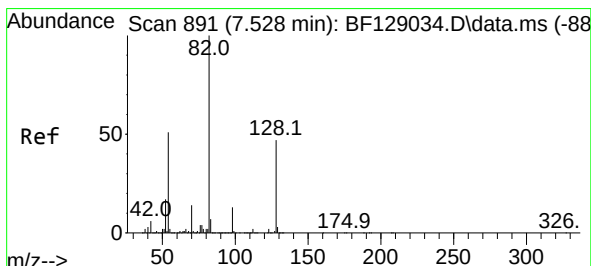
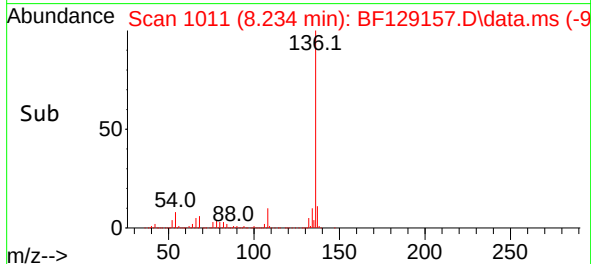
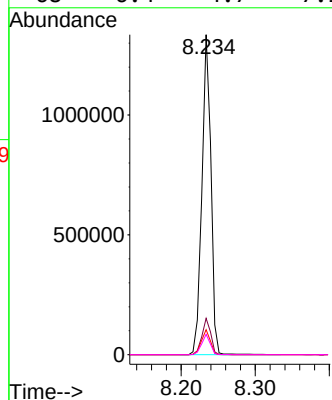
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.8 7.5 11.3

68 6.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 66.120 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF129157.D

Acq: 07 Jul 2022 14:13

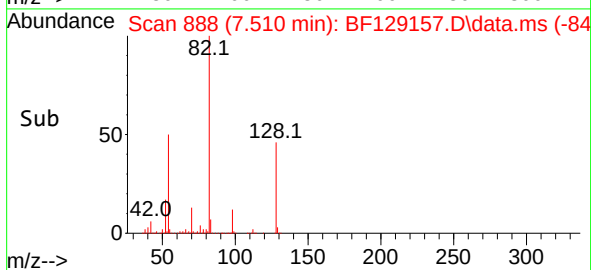
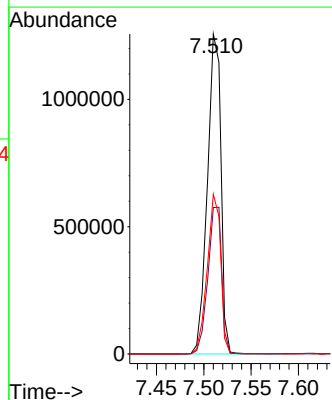
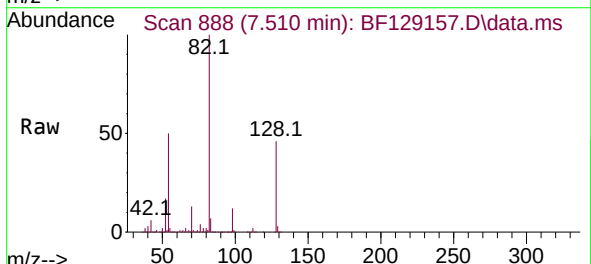
Tgt Ion: 82 Resp: 1248091

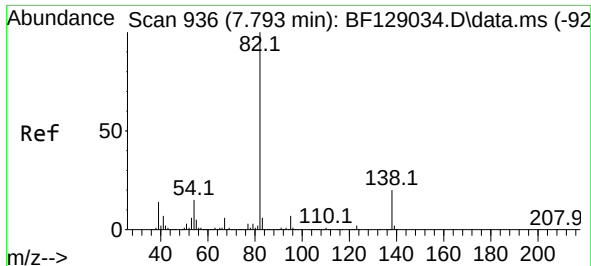
Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

54 50.0 46.9 70.3

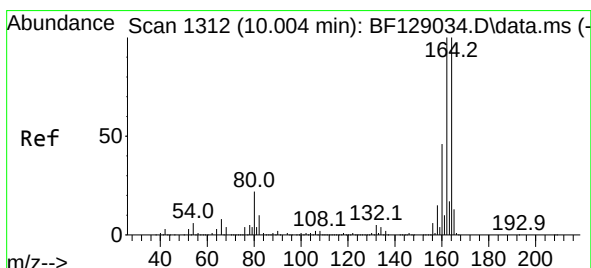
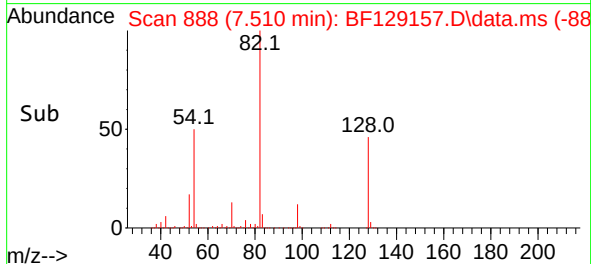
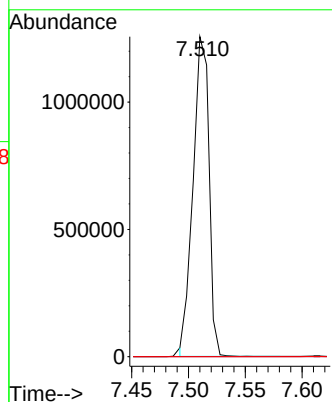
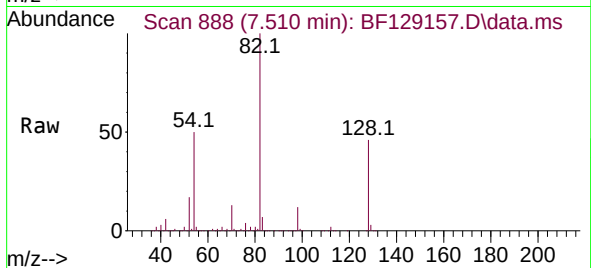




#25
Isophorone
Concen: 38.537 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.282 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

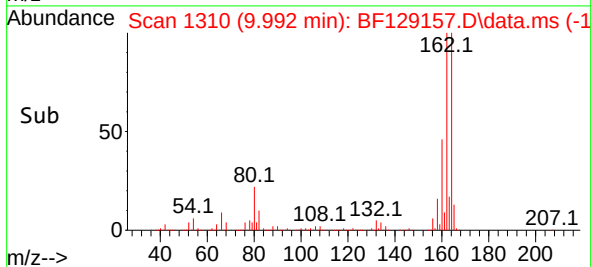
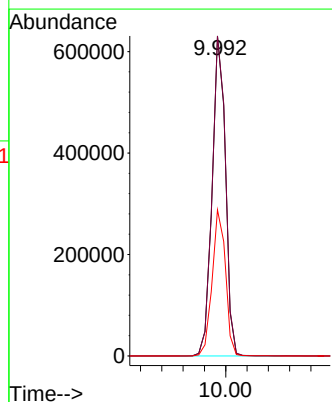
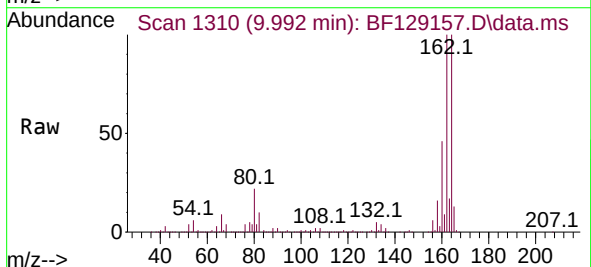
Instrument :
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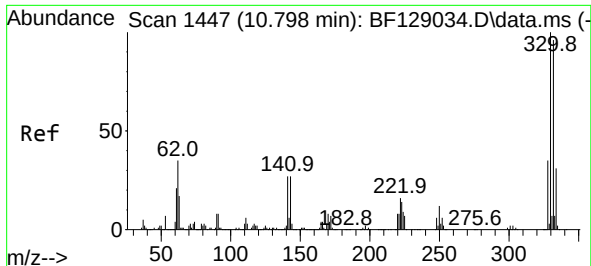
Tgt Ion: 82 Resp: 1229401
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

Tgt Ion: 164 Resp: 546365
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.100 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129157.D

Acq: 07 Jul 2022 14:13

Instrument :

BNA_F

ClientSampleId :

20220506-COMPOSITE-A

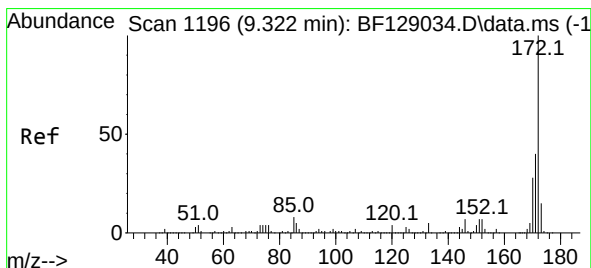
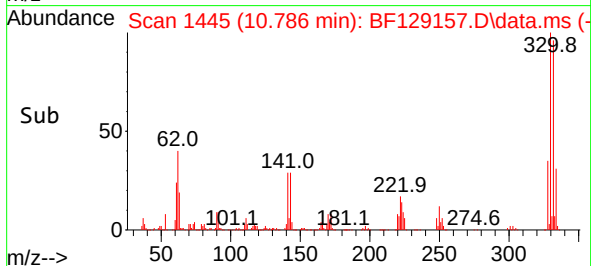
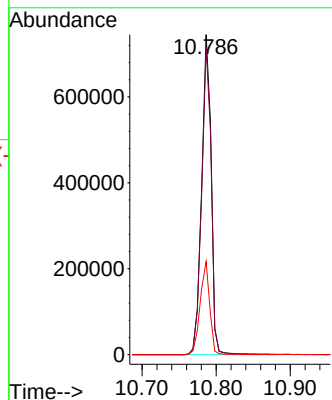
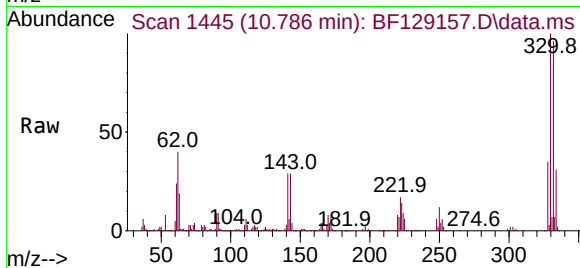
Tgt Ion:330 Resp: 665978

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 29.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.769 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129157.D

Acq: 07 Jul 2022 14:13

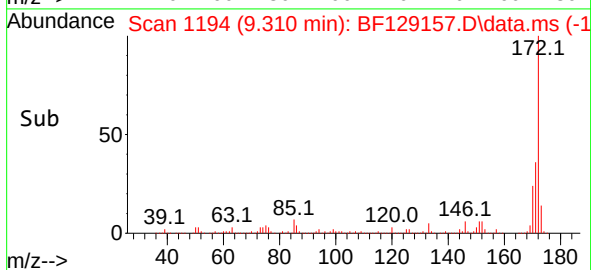
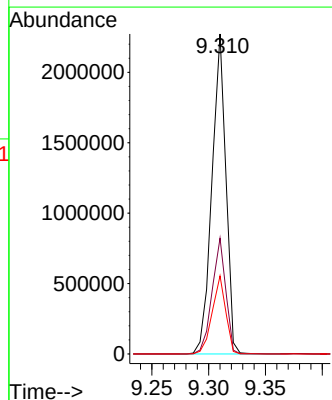
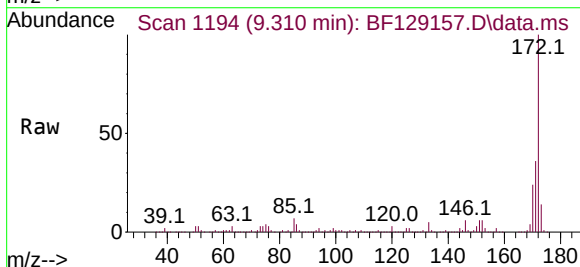
Tgt Ion:172 Resp: 1938791

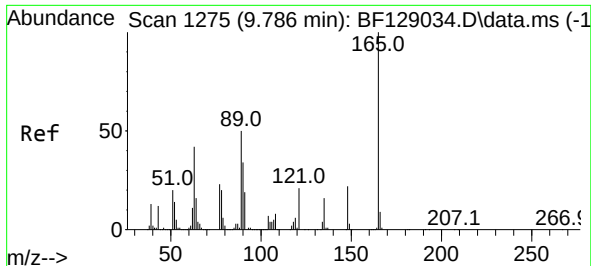
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.8 29.8

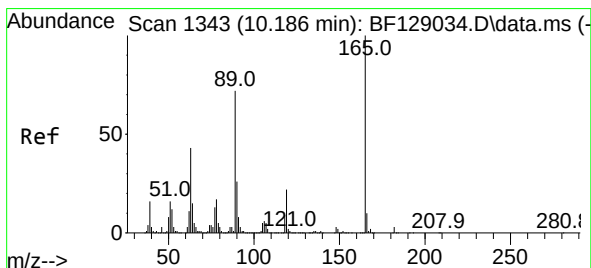
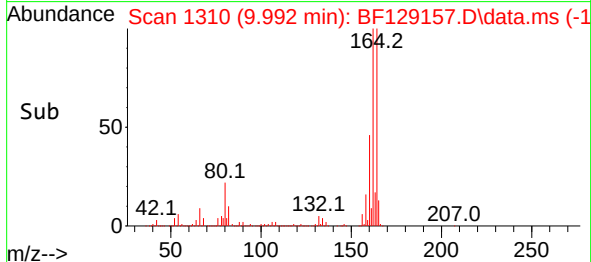
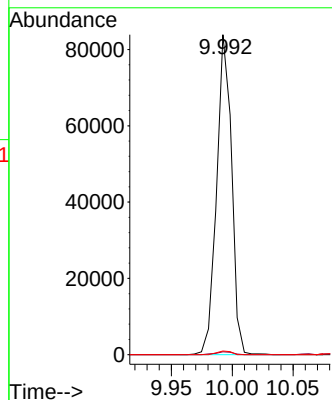
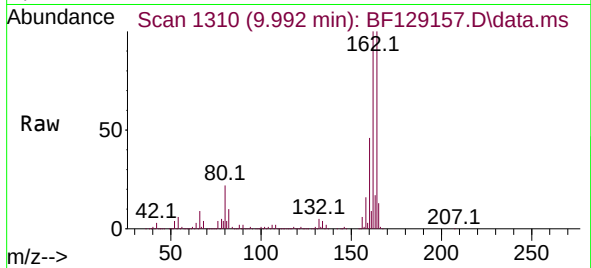




#51
2,6-Dinitrotoluene
Concen: 10.262 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

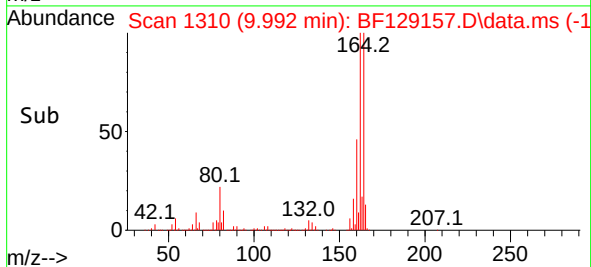
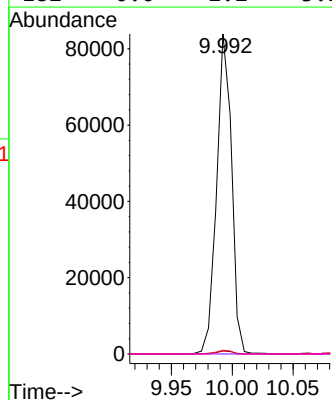
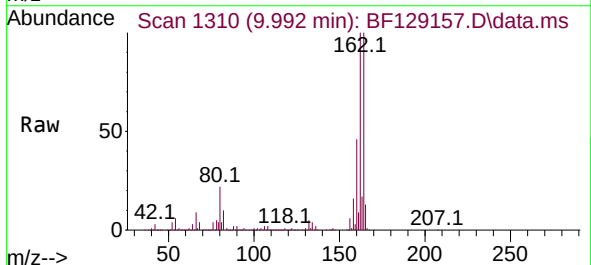
Instrument :
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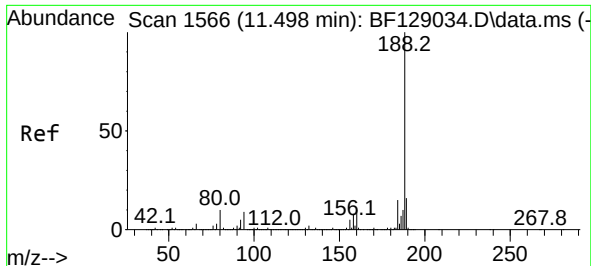
Tgt Ion:165 Resp: 71678
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.313 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

Tgt Ion:165 Resp: 71678
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

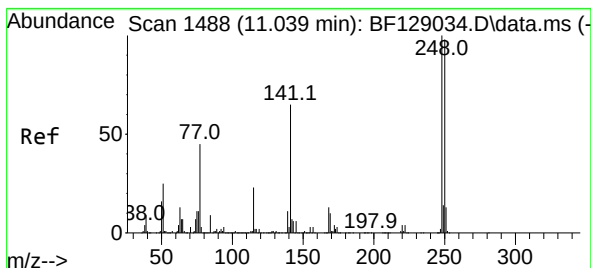
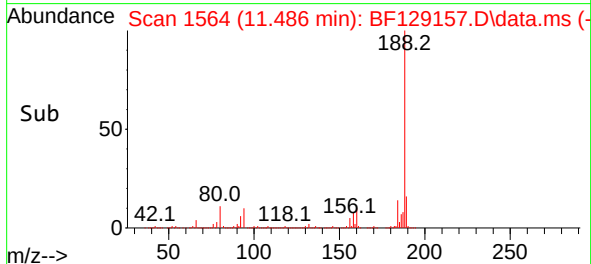
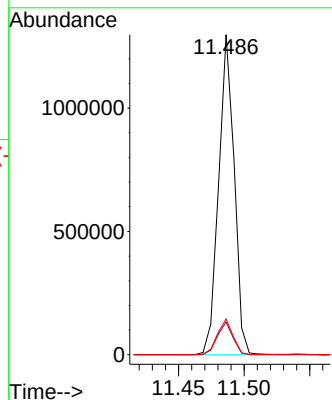
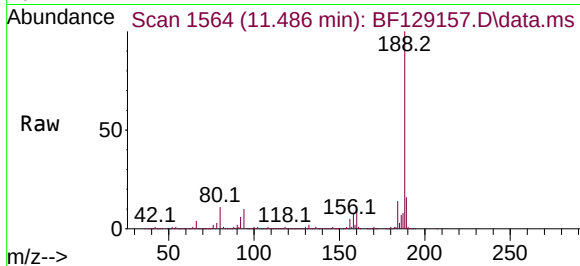




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

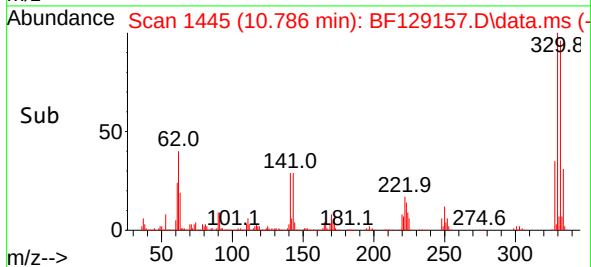
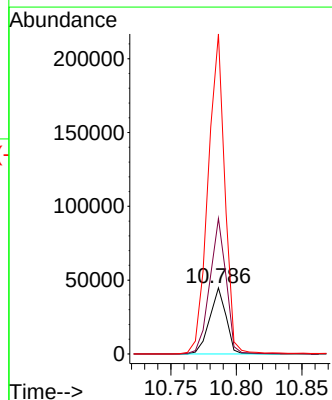
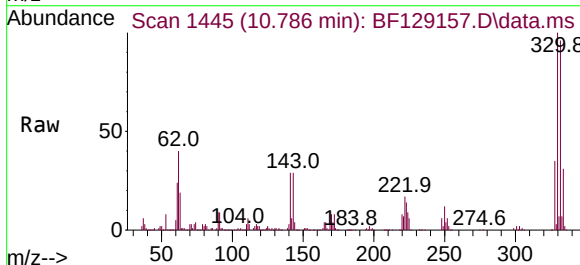
Instrument :
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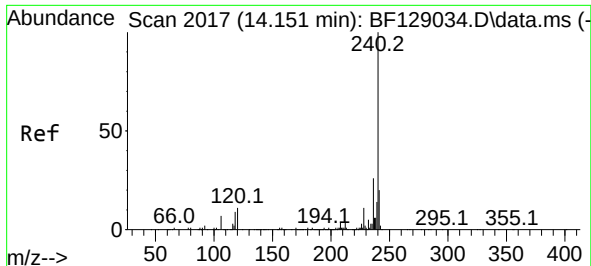
Tgt Ion:188 Resp: 1068632
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.438 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

Tgt Ion:248 Resp: 39077
Ion Ratio Lower Upper
248 100
250 205.0 80.6 120.8#
141 483.7 58.9 88.3#

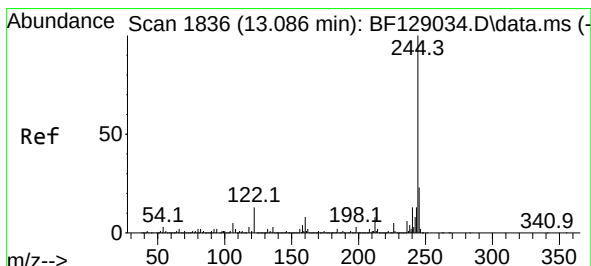
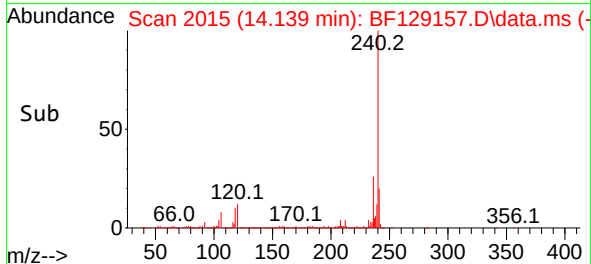
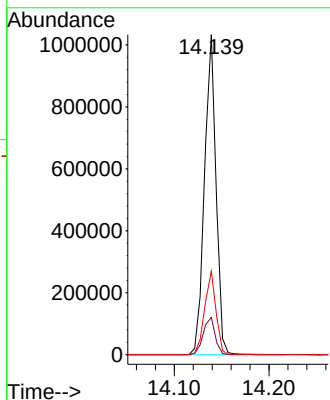
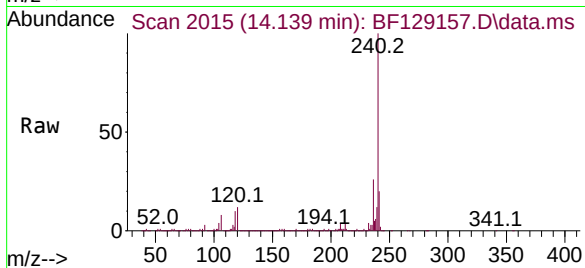




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

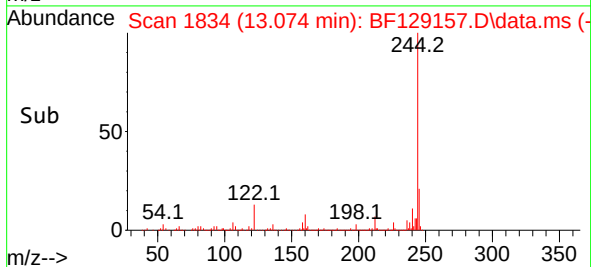
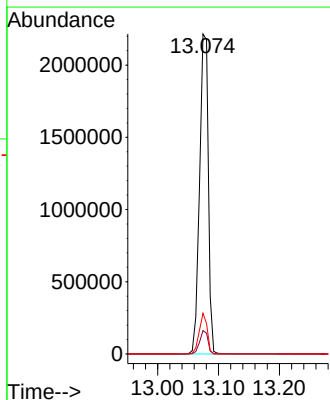
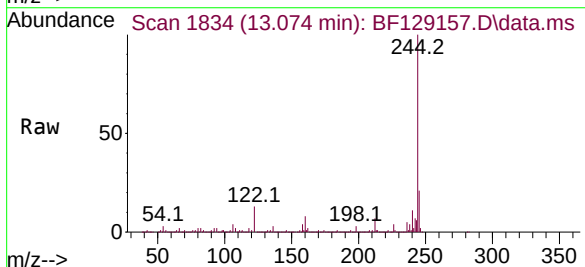
Instrument :
BNA_F
ClientSampleId :
20220506-COMPOSITE-A

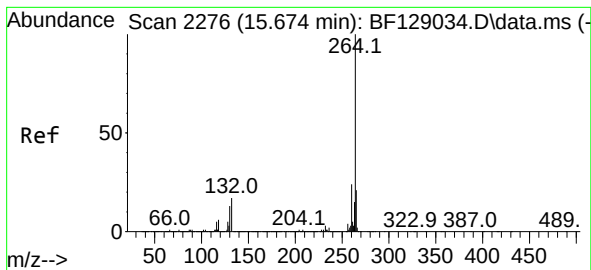
Tgt Ion:240 Resp: 870837
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 52.446 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF129157.D
Acq: 07 Jul 2022 14:13

Tgt Ion:244 Resp: 2199310
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129157.D

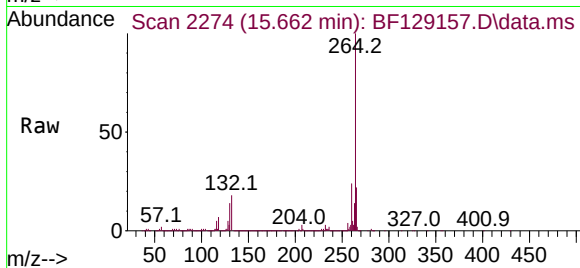
Acq: 07 Jul 2022 14:13

Instrument :

BNA_F

ClientSampleId :

20220506-COMPOSITE-A



Tgt Ion:264 Resp: 655372

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.7 17.2 25.8

