

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129161.D
 Acq On : 07 Jul 2022 16:19
 Operator : CG\JU
 Sample : N3597-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220510-COMPOSITE-E

Quant Time: Jul 07 16:59:18 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)

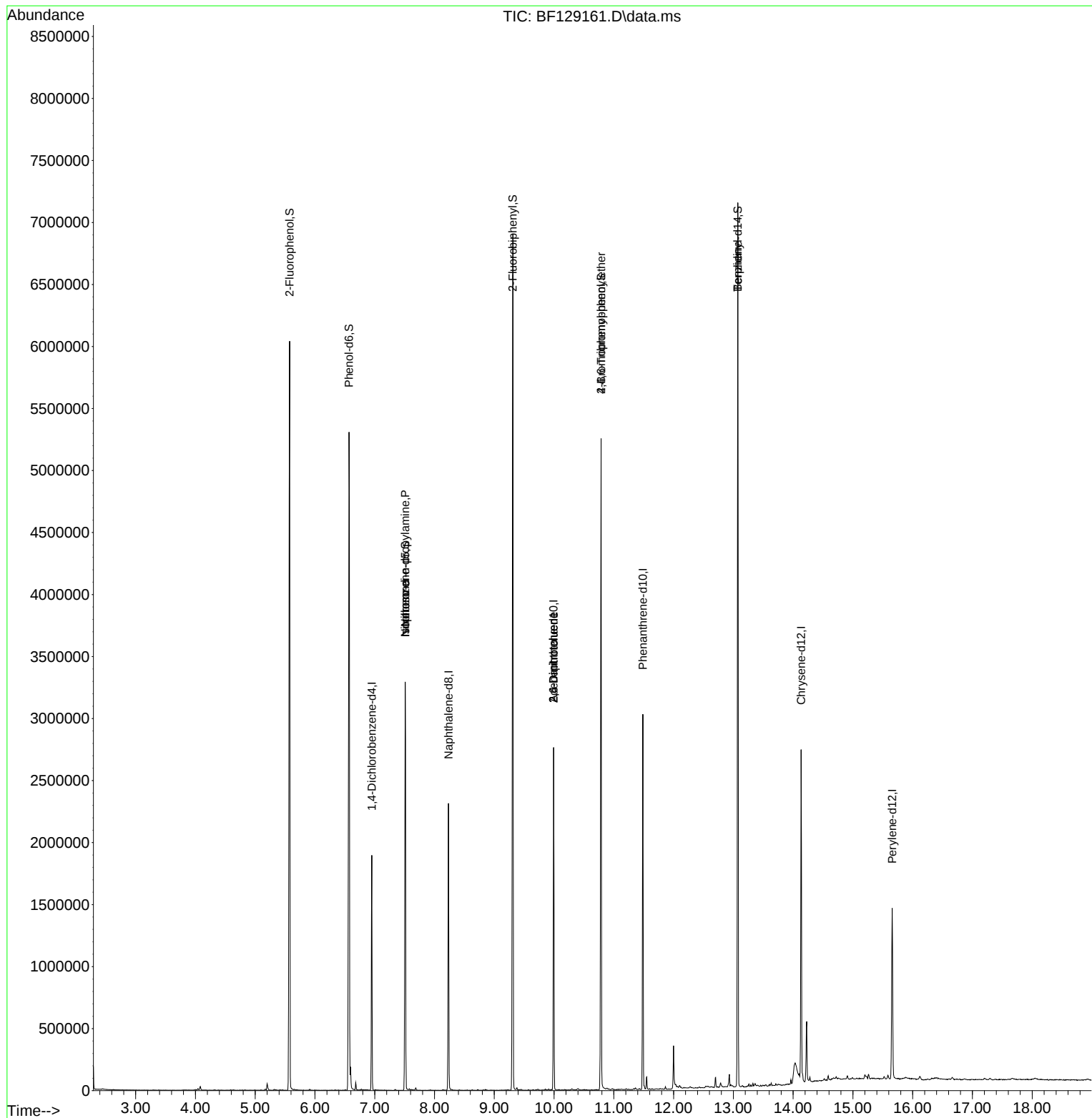
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	271639	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	974197	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	524135	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1019773	20.000	ng	-0.01
76) Chrysene-d12	14.133	240	853982	20.000	ng	-0.02
86) Perylene-d12	15.657	264	626193	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1719914	107.044	ng	-0.01
7) Phenol-d6	6.569	99	2170158	108.752	ng	-0.02
23) Nitrobenzene-d5	7.510	82	1160887	71.077	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	669531	117.478	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2048737	62.532	ng	-0.01
79) Terphenyl-d14	13.075	244	2389032	58.094	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	503	Below Cal	#	61
19) n-Nitroso-di-n-propyla...	7.510	70	152420	13.204	ng	# 71
25) Isophorone	7.510	82	1137475	41.208	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	68479	10.220	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	68479	8.279	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	40395	3.724	ng	# 1
77) Benizidine	13.075	184	31188	2.051	ng	# 92

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

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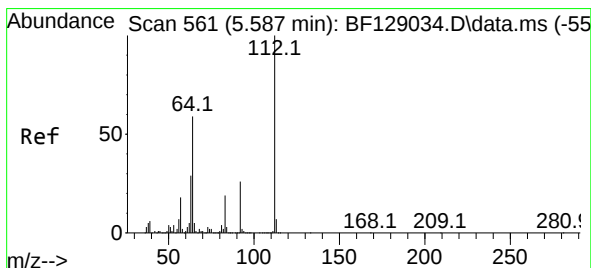
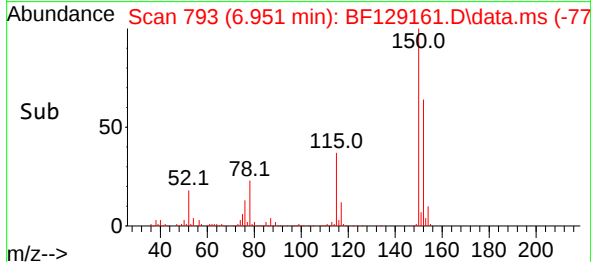
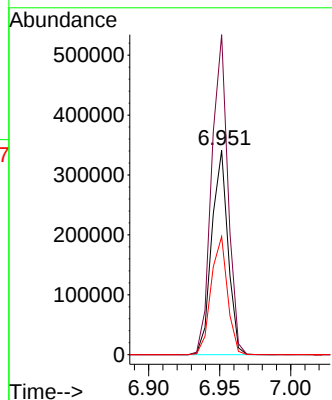
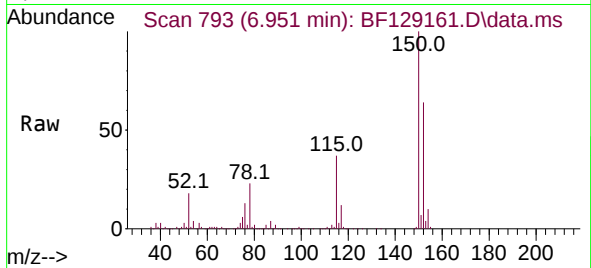




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

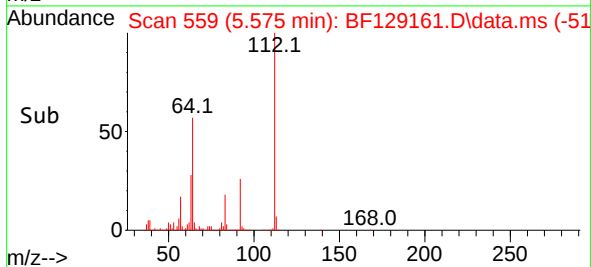
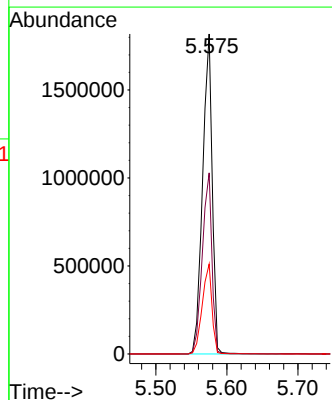
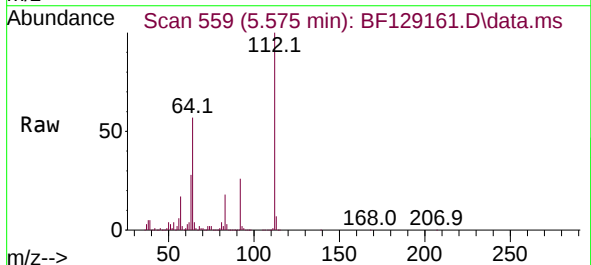
Instrument :
BNA_F
ClientSampleId :
20220510-COMPOSITE-E

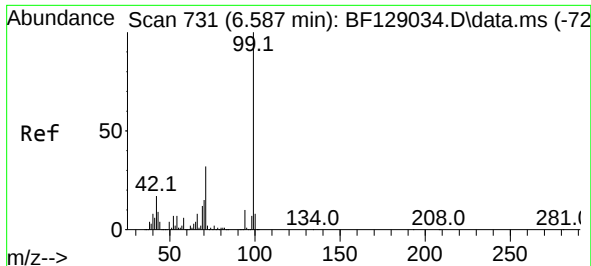
Tgt Ion:152 Resp: 271639
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 57.8 49.9 74.9



#5
2-Fluorophenol
Concen: 107.044 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion:112 Resp: 1719914
Ion Ratio Lower Upper
112 100
64 56.6 53.3 79.9
63 28.1 28.0 42.0

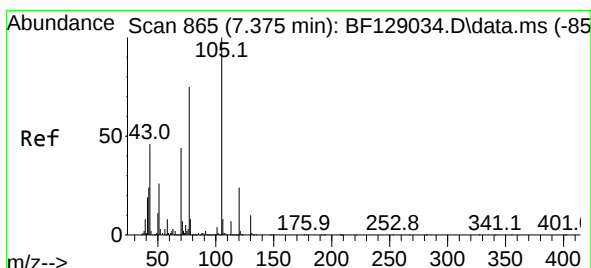
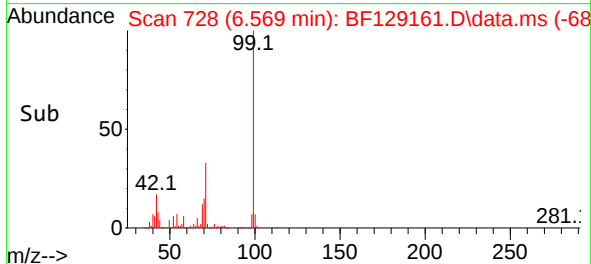
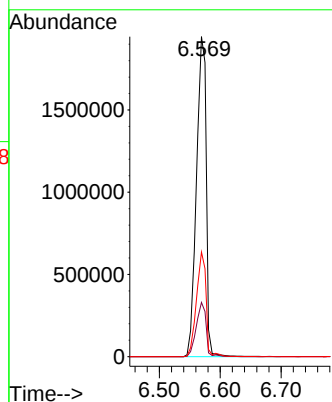
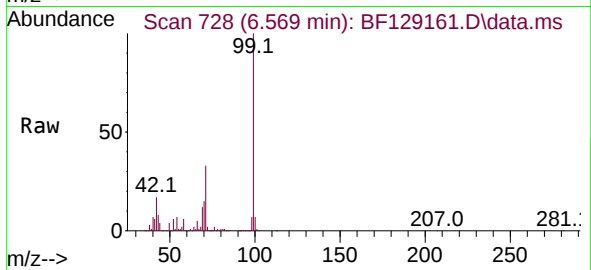




#7
Phenol-d6
Concen: 108.752 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

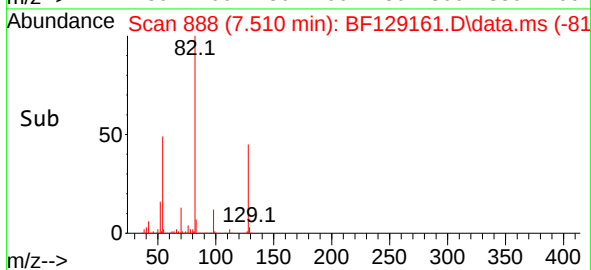
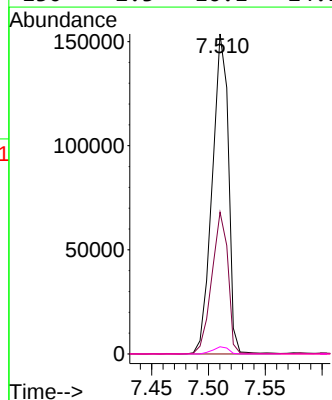
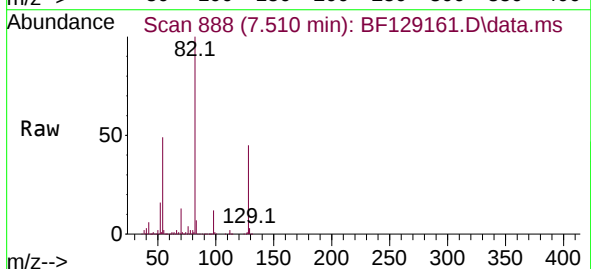
Instrument :
BNA_F
ClientSampleId :
20220510-COMPOSITE-E

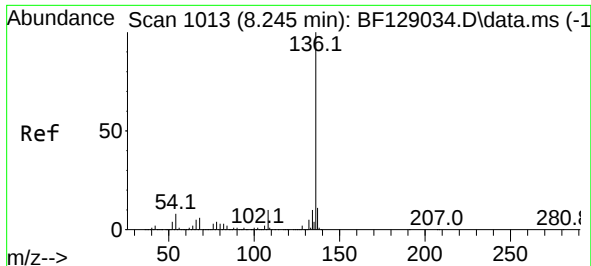
Tgt Ion: 99 Resp: 2170158
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 32.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.204 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion: 70 Resp: 152420
Ion Ratio Lower Upper
70 100
42 44.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



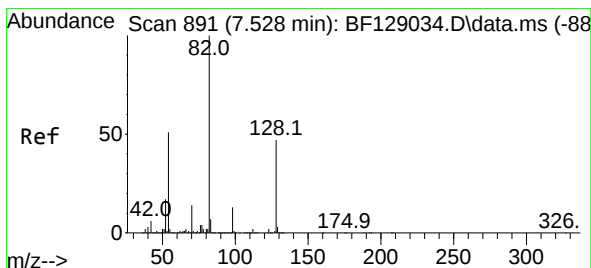
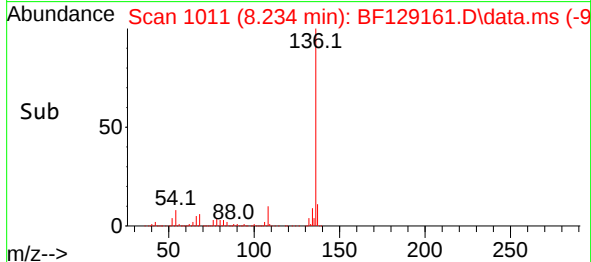
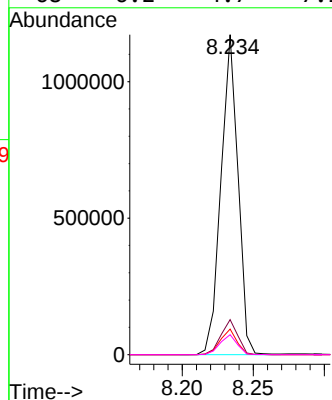
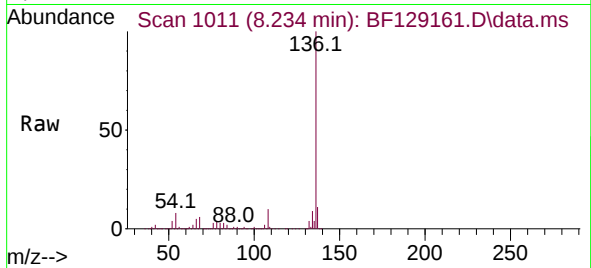


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Instrument :
BNA_F
ClientSampleId :
20220510-COMPOSITE-E

Tgt Ion:136 Resp: 974197

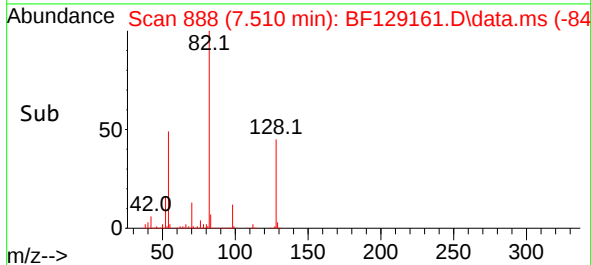
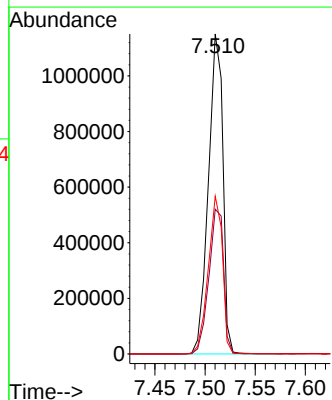
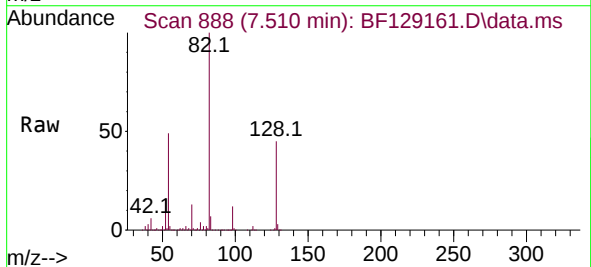
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.5	11.3
68	6.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.077 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion: 82 Resp: 1160887

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	49.3	46.9	70.3

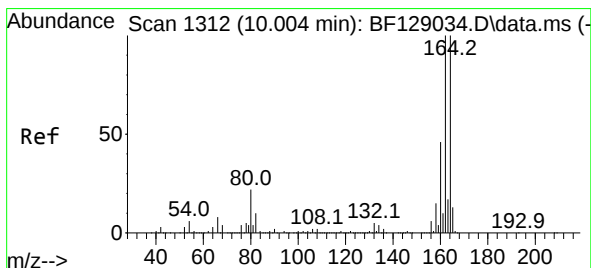
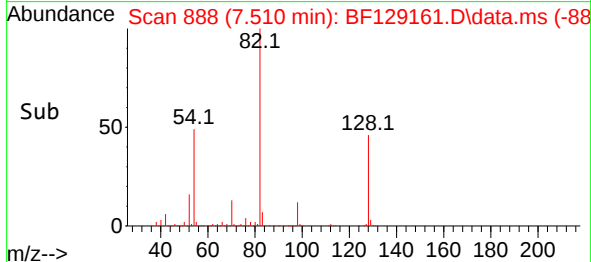
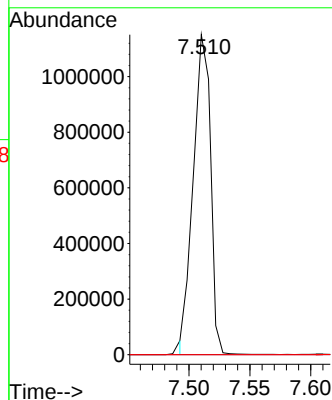
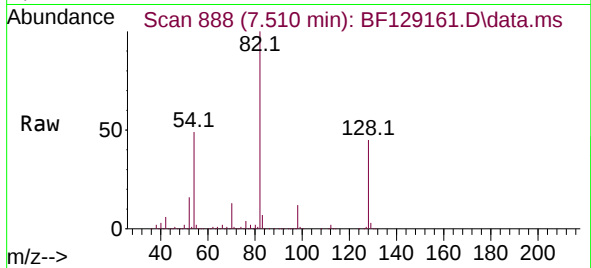




#25
Isophorone
Concen: 41.208 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.282 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

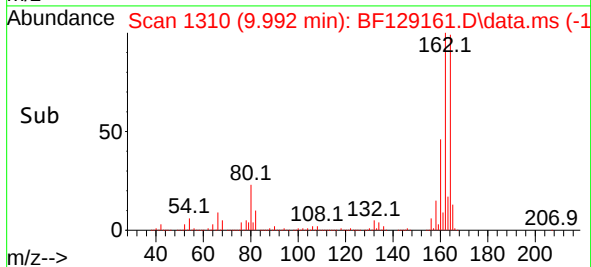
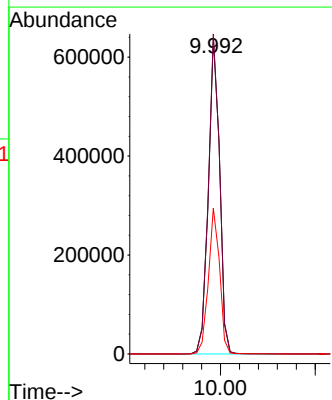
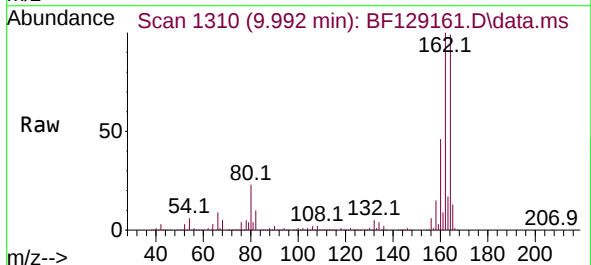
Instrument :
BNA_F
ClientSampleId :
20220510-COMPOSITE-E

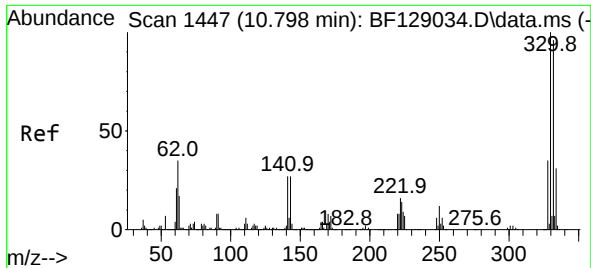
Tgt Ion: 82 Resp: 1137475
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion: 164 Resp: 524135
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.2 34.2 51.4

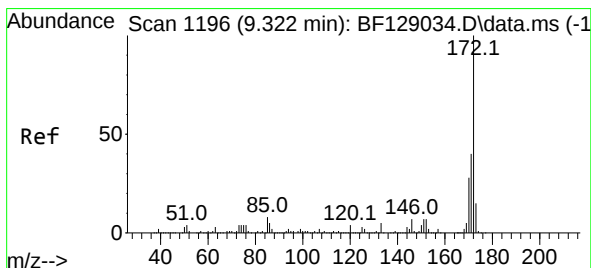
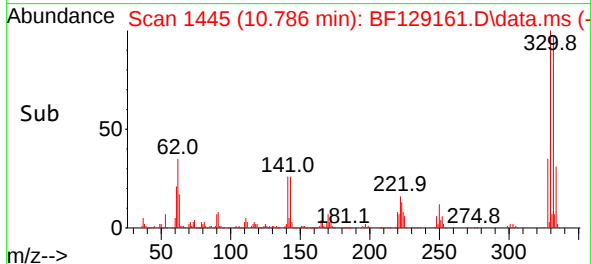
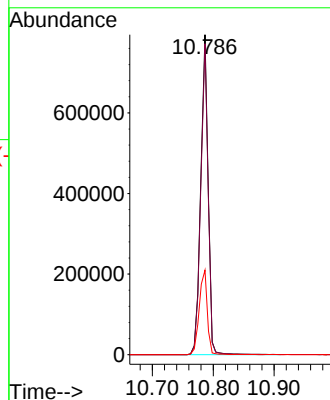
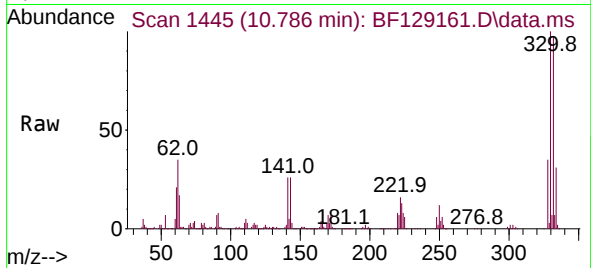




#42
2,4,6-Tribromophenol
Concen: 117.478 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

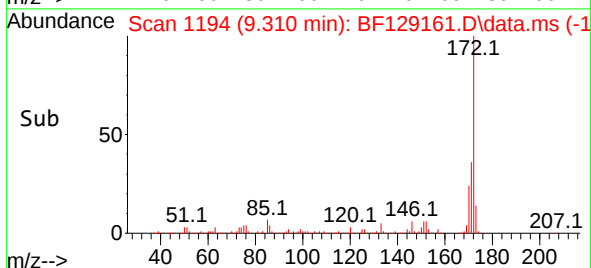
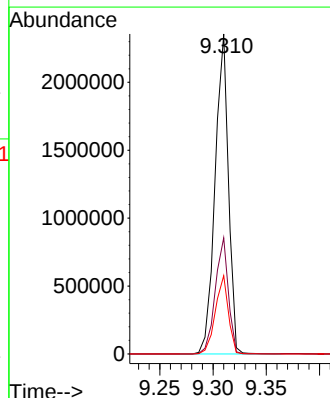
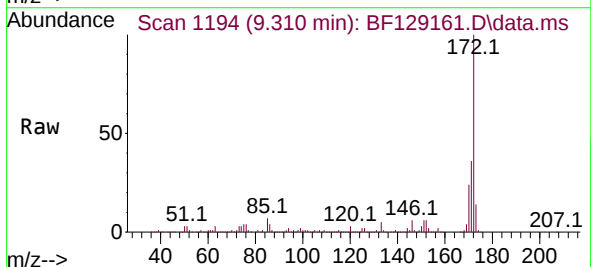
Instrument :
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ClientSampleId :
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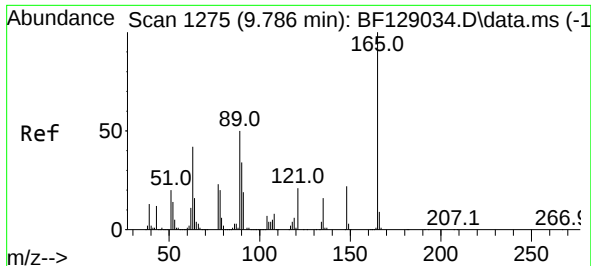
Tgt Ion:330 Resp: 669531
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 28.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 62.532 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion:172 Resp: 2048737
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.4 19.8 29.8

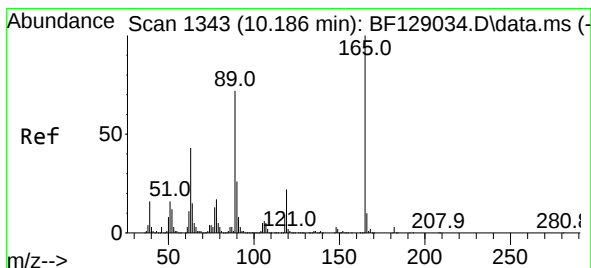
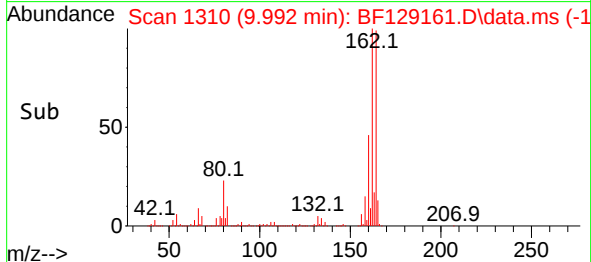
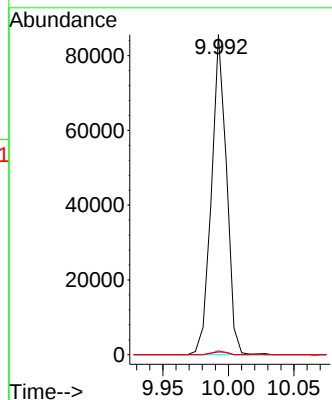
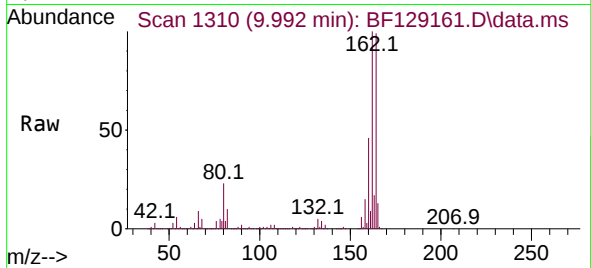




#51
2,6-Dinitrotoluene
Concen: 10.220 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

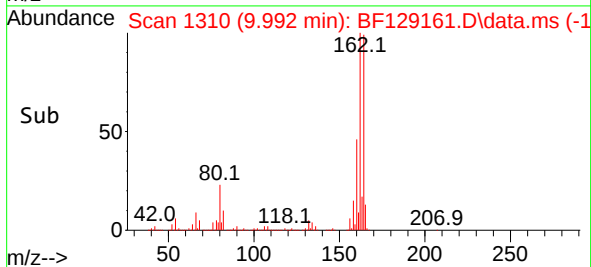
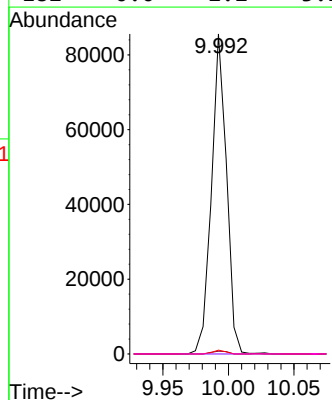
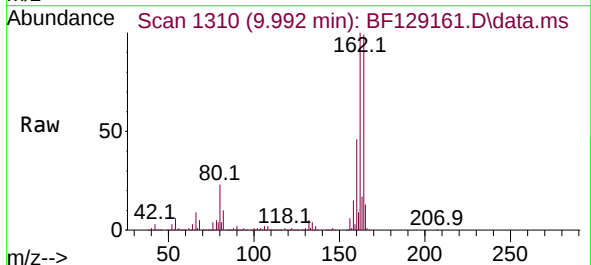
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BNA_F
ClientSampleId :
20220510-COMPOSITE-E

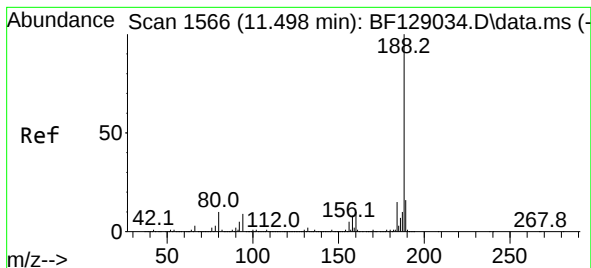
Tgt Ion:165 Resp: 68479
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.279 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion:165 Resp: 68479
Ion Ratio Lower Upper
165 100
63 0.8 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# 1

Delta R.T. -0.012 min

Lab File: BF129161.D

Acq: 07 Jul 2022 16:19

Instrument :

BNA_F

ClientSampleId :

20220510-COMPOSITE-E

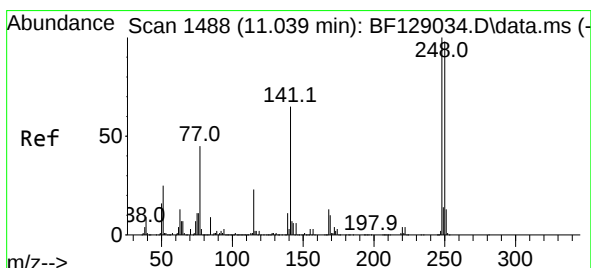
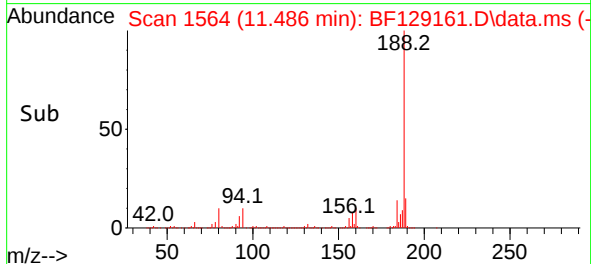
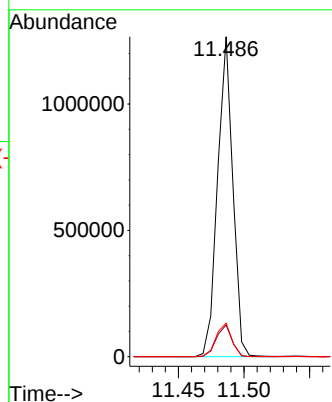
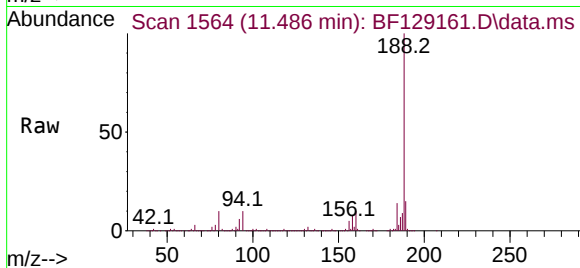
Tgt Ion:188 Resp: 1019773

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.724 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129161.D

Acq: 07 Jul 2022 16:19

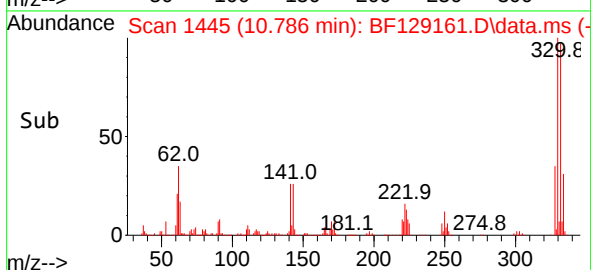
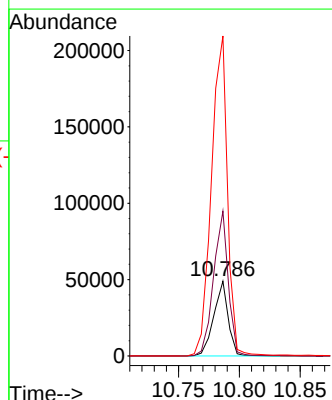
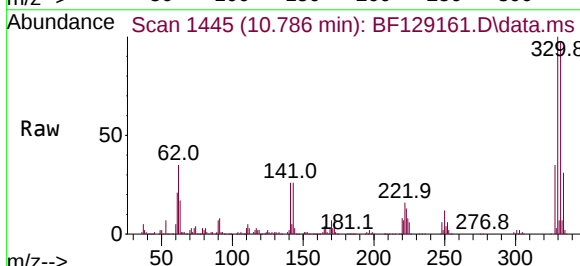
Tgt Ion:248 Resp: 40395

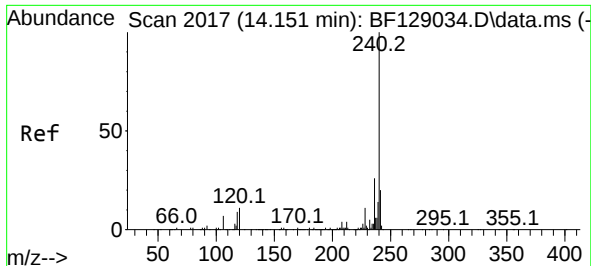
Ion Ratio Lower Upper

248 100

250 193.8 80.6 120.8#

141 428.0 58.9 88.3#

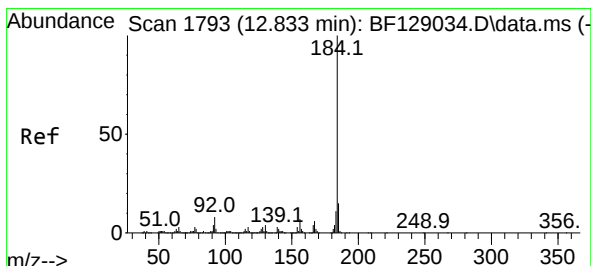
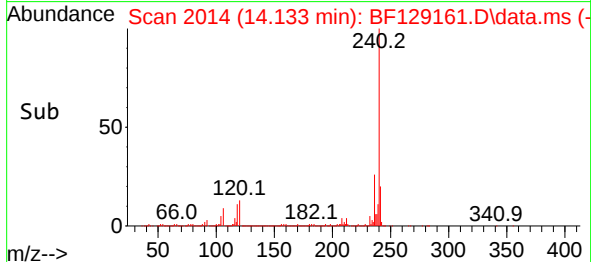
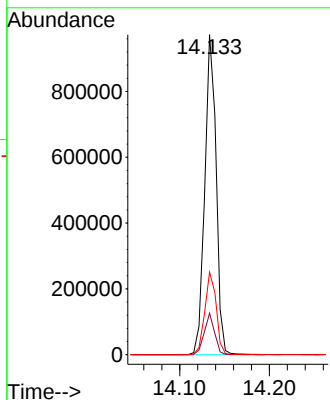
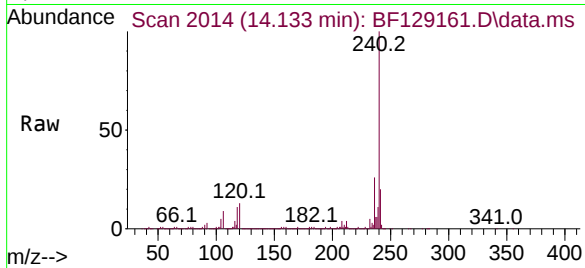




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

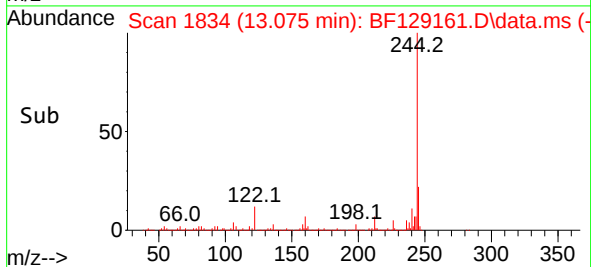
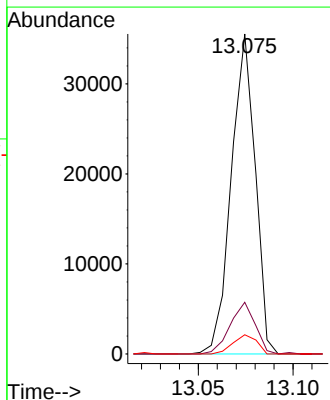
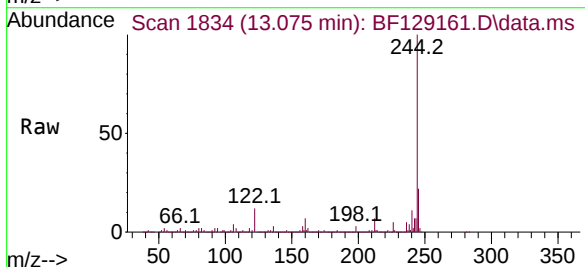
Instrument :
BNA_F
ClientSampleId :
20220510-COMPOSITE-E

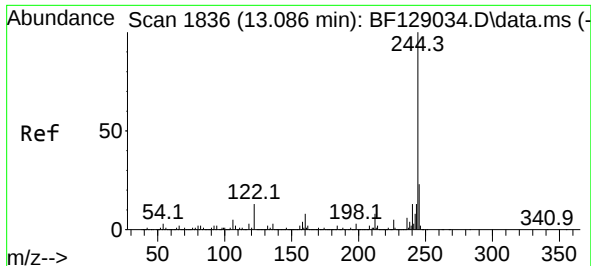
Tgt Ion:240 Resp: 853982
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.051 ng
RT: 13.075 min Scan# 1834
Delta R.T. 0.241 min
Lab File: BF129161.D
Acq: 07 Jul 2022 16:19

Tgt Ion:184 Resp: 31188
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.0 9.3 13.9#

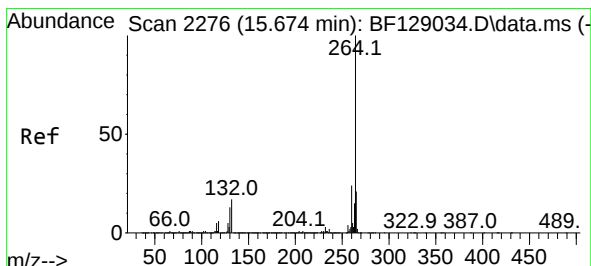
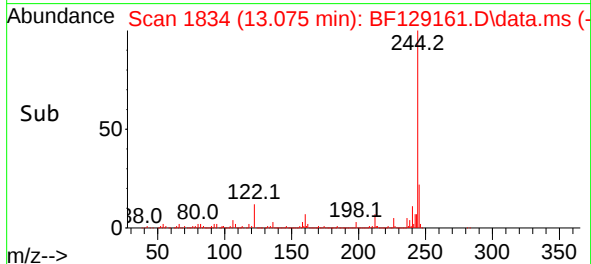
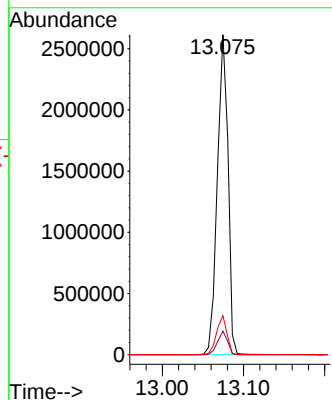
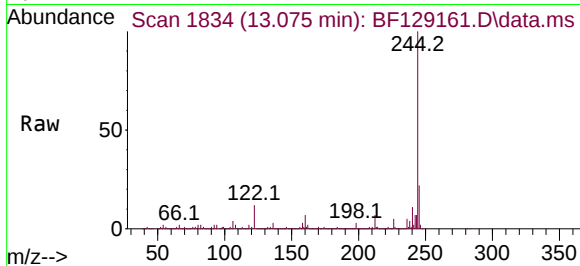




#79
 Terphenyl-d14
 Concen: 58.094 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF129161.D
 Acq: 07 Jul 2022 16:19

Instrument :
 BNA_F
 ClientSampleId :
 20220510-COMPOSITE-E

Tgt Ion:244 Resp: 2389032
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. -0.018 min
 Lab File: BF129161.D
 Acq: 07 Jul 2022 16:19

Tgt Ion:264 Resp: 626193
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 21.6 17.2 25.8

