

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129174.D
 Acq On : 08 Jul 2022 12:42
 Operator : CG\JU
 Sample : PB146101BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146101BL

Quant Time: Jul 08 23:23:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

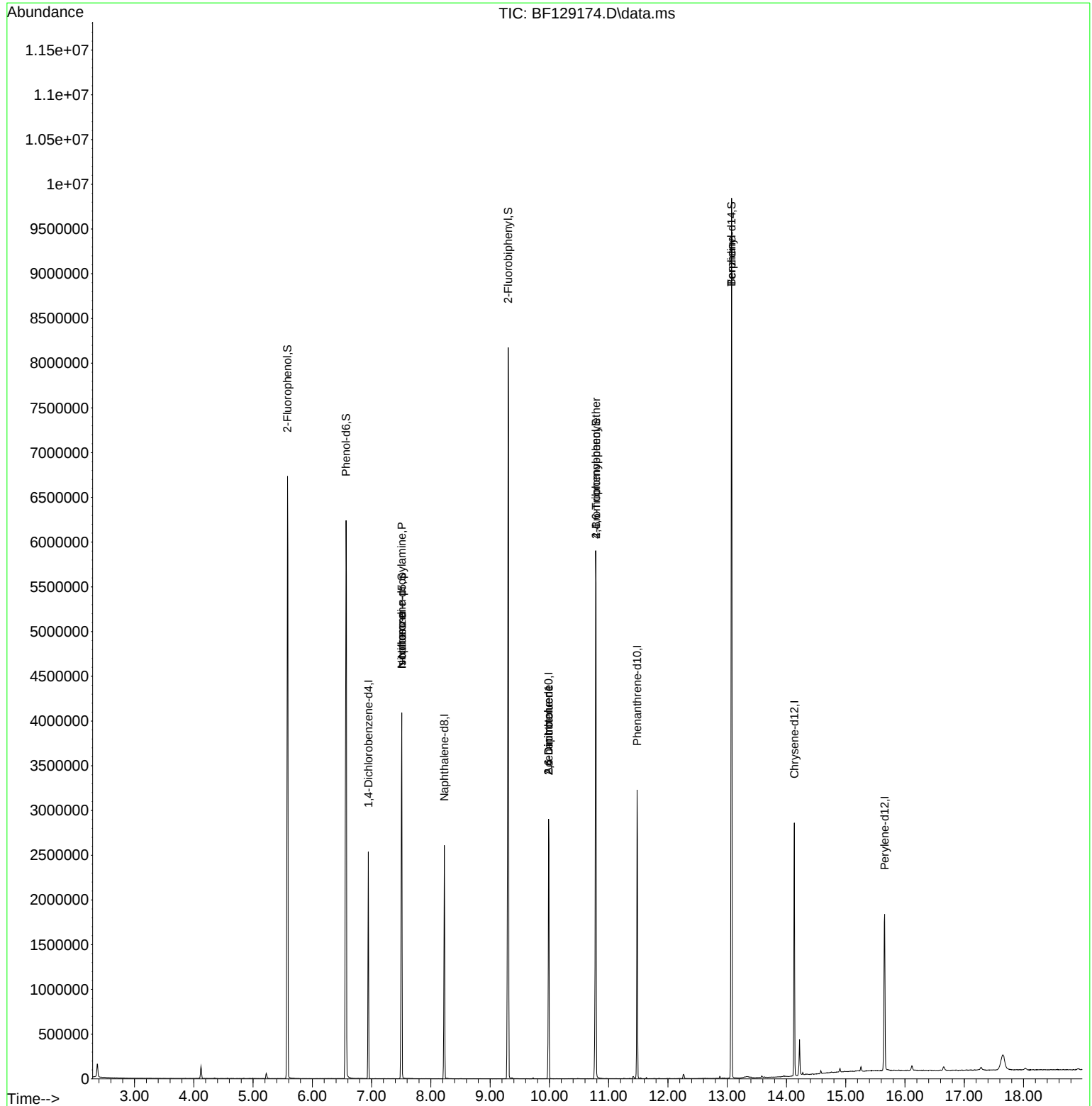
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	346833	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	1239115	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	650446	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	1197455	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	927969	20.000	ng	0.00
86) Perylene-d12	15.656	264	825609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2156272	105.107	ng	0.00
7) Phenol-d6	6.569	99	2786600	109.369	ng	0.00
23) Nitrobenzene-d5	7.510	82	1497189	72.069	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	907450	128.304	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	3000869	73.807	ng	0.00
79) Terphenyl-d14	13.074	244	3706549	82.946	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	384	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.510	70	196096	13.305	ng	# 70
25) Isophorone	7.510	82	1495275	42.589	ng	# 65
51) 2,6-Dinitrotoluene	9.986	165	83423	10.033	ng	# 25
57) 2,4-Dinitrotoluene	9.986	165	83423	8.127	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	55177	4.332	ng	# 1
77) Benizidine	13.074	184	51172	3.097	ng	# 94

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

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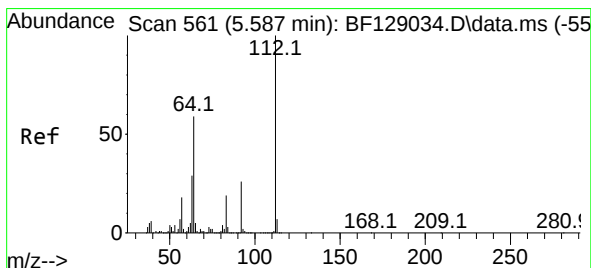
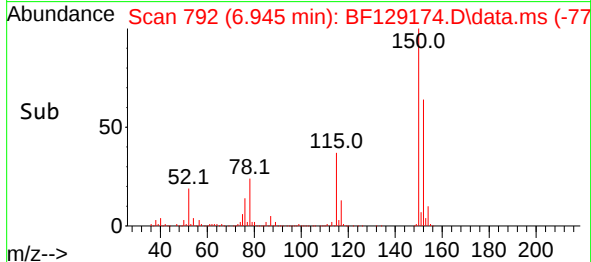
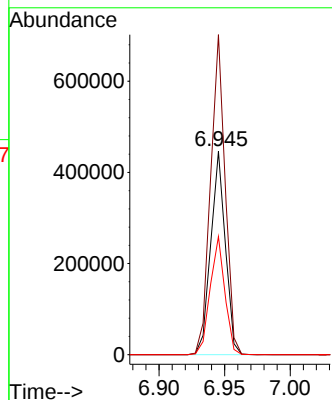
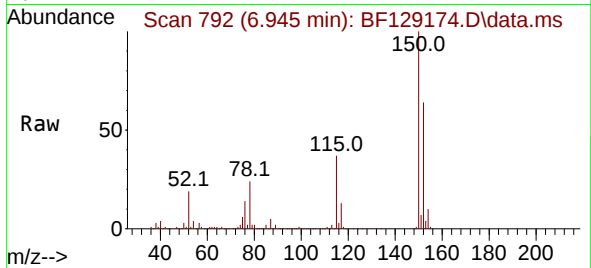




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

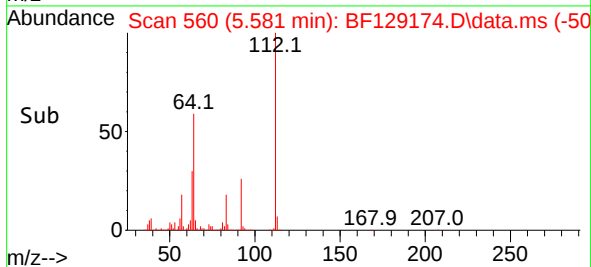
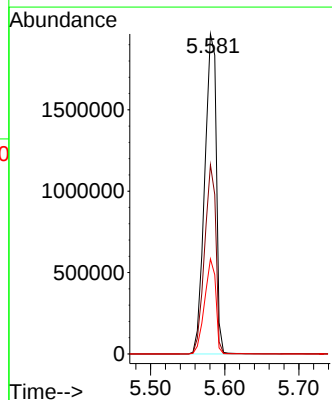
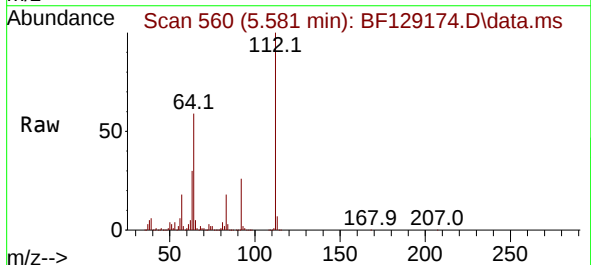
Instrument :
BNA_F
ClientSampleId :
PB146101BL

Tgt Ion:152 Resp: 346833
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 105.107 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion:112 Resp: 2156272
Ion Ratio Lower Upper
112 100
64 59.1 53.3 79.9
63 29.7 28.0 42.0





#7
Phenol-d6
Concen: 109.369 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

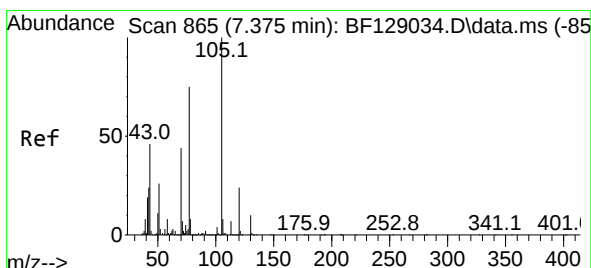
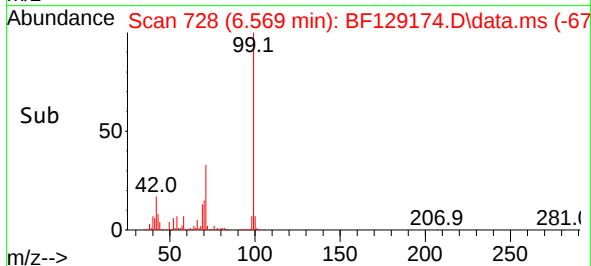
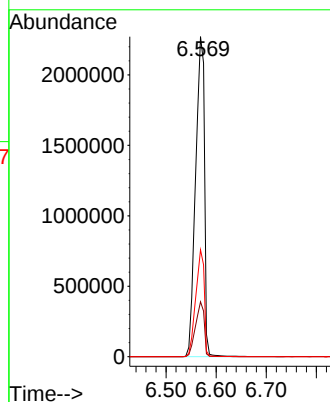
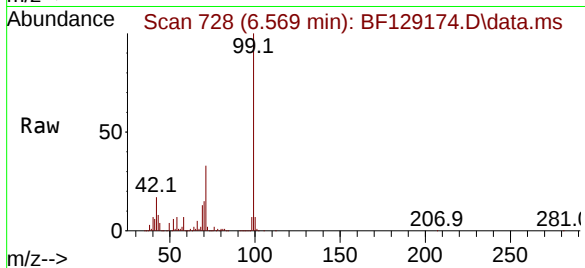
Instrument :

BNA_F

ClientSampleId :

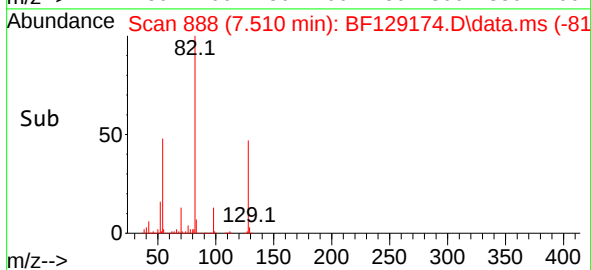
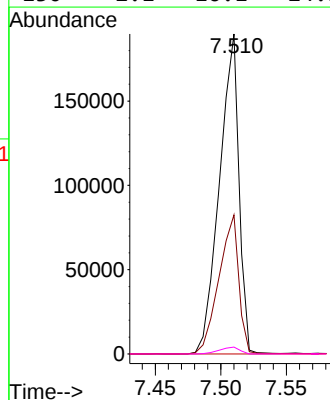
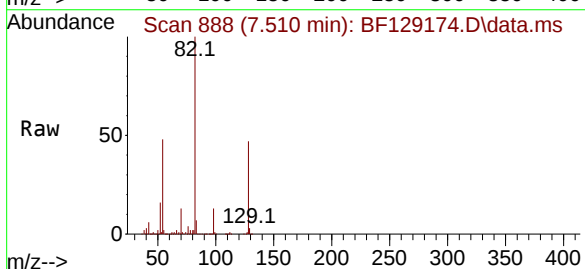
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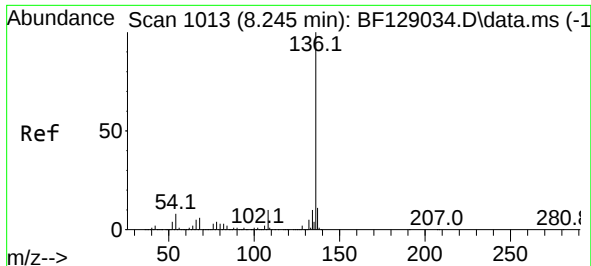
Tgt Ion: 99 Resp: 2786600
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 33.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.305 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion: 70 Resp: 196096
Ion Ratio Lower Upper
70 100
42 43.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

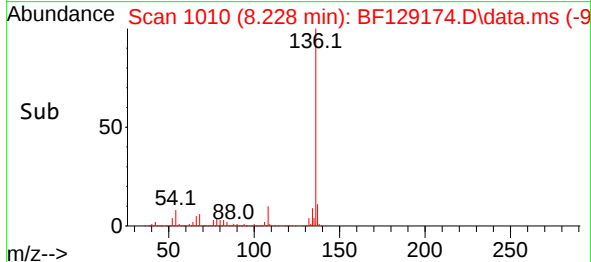
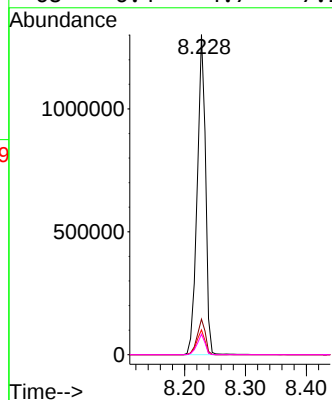
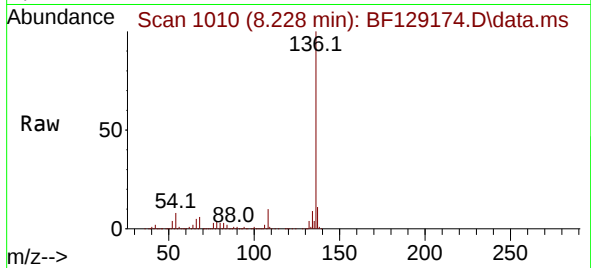




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

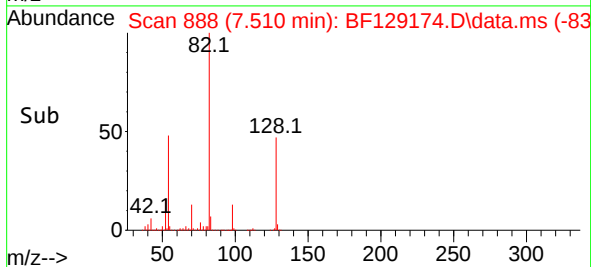
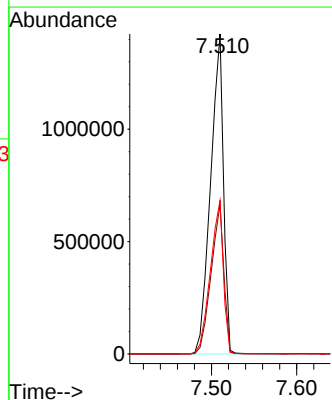
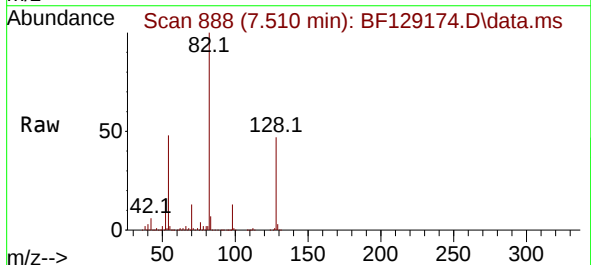
Instrument :
BNA_F
ClientSampleId :
PB146101BL

Tgt Ion:136 Resp: 1239115
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.069 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion: 82 Resp: 1497189
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 48.0 46.9 70.3

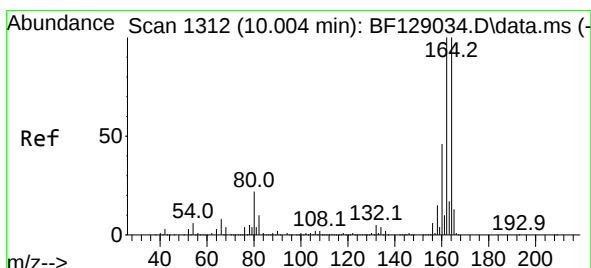
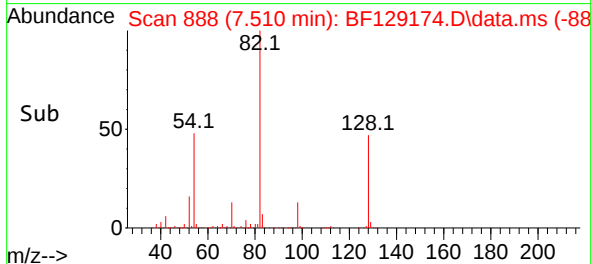
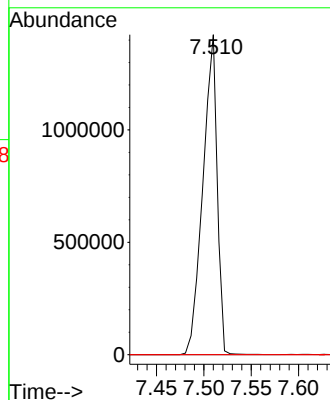
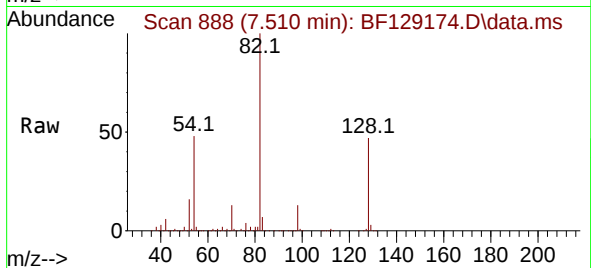




#25
Isophorone
Concen: 42.589 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

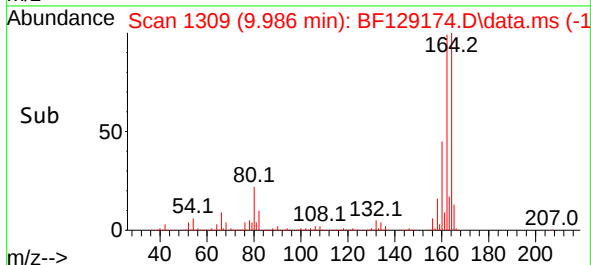
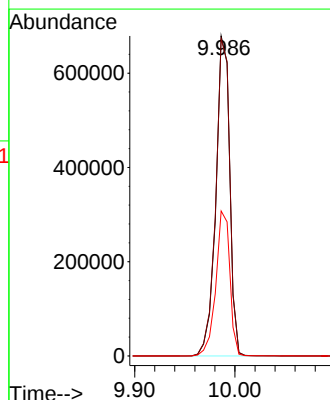
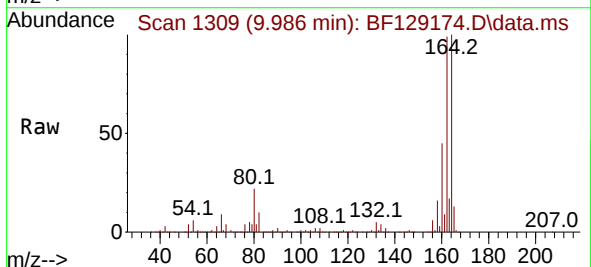
Instrument :
BNA_F
ClientSampleId :
PB146101BL

Tgt Ion: 82 Resp: 1495275
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: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion:164 Resp: 650446
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 45.3 34.2 51.4

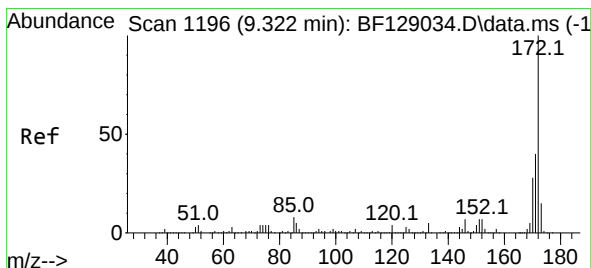
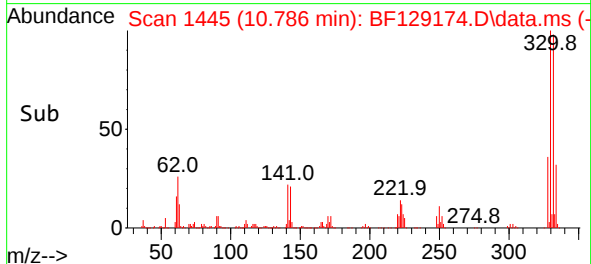
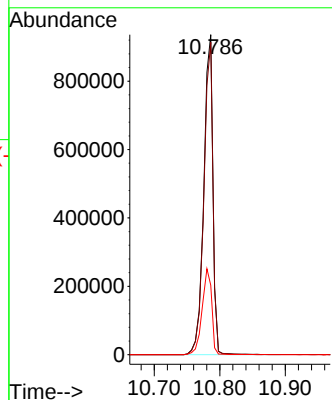
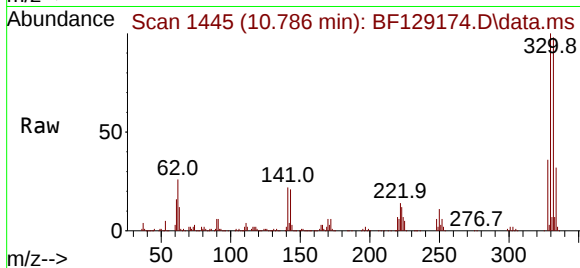




#42
2,4,6-Tribromophenol
Concen: 128.304 ng
RT: 10.786 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

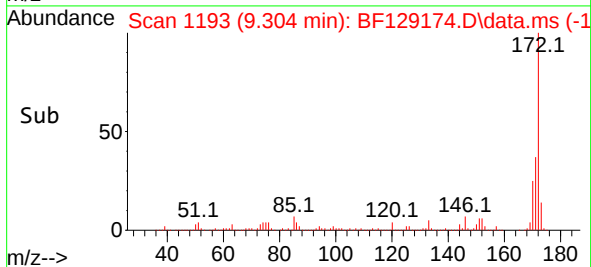
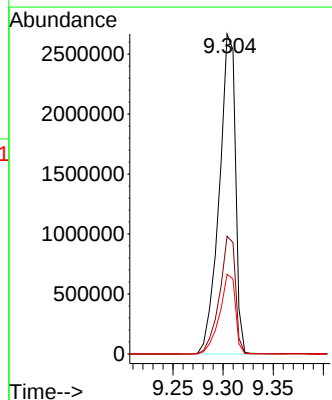
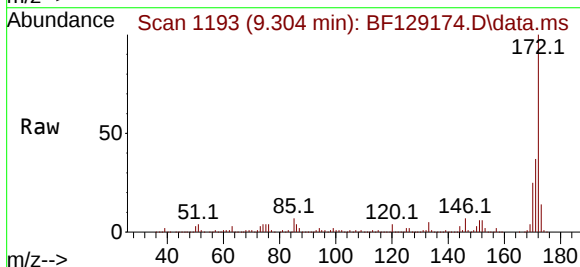
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BNA_F
ClientSampleId :
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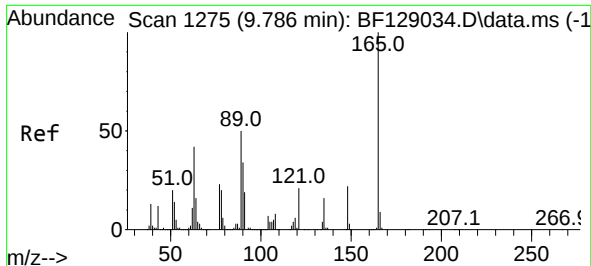
Tgt Ion: 330 Resp: 907450
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 28.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 73.807 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion: 172 Resp: 3000869
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.9 19.8 29.8

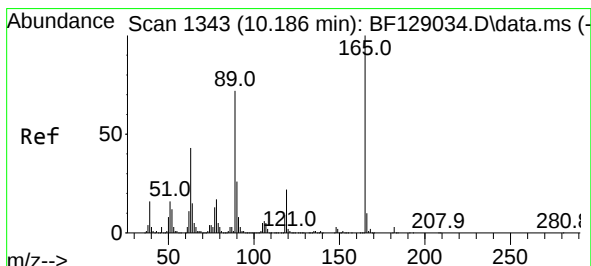
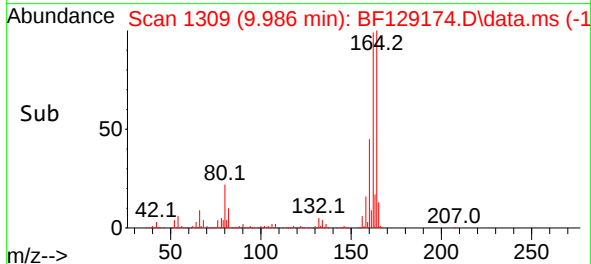
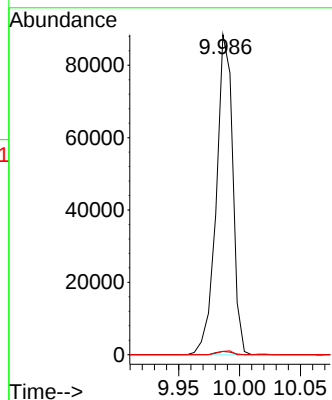
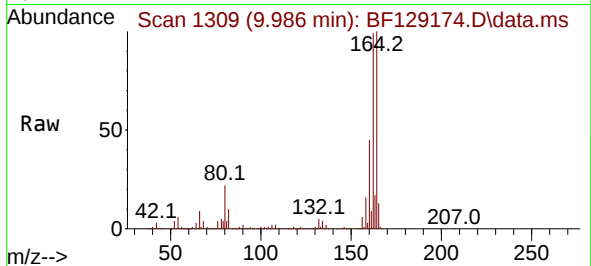




#51
2,6-Dinitrotoluene
Concen: 10.033 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

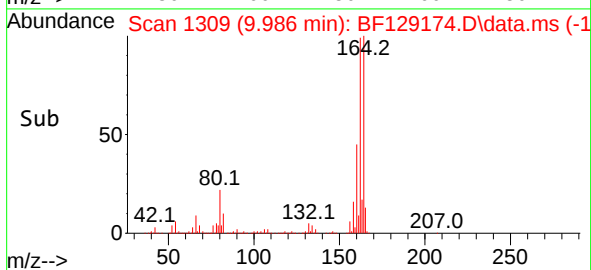
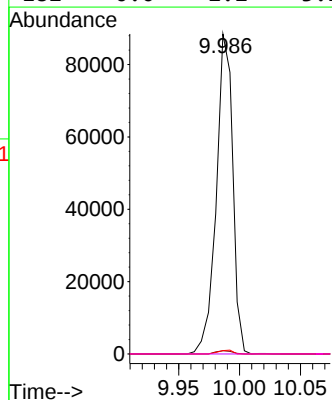
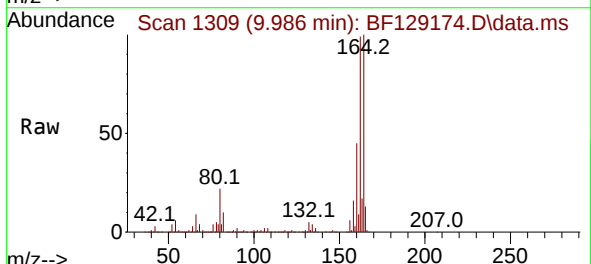
Instrument :
BNA_F
ClientSampleId :
PB146101BL

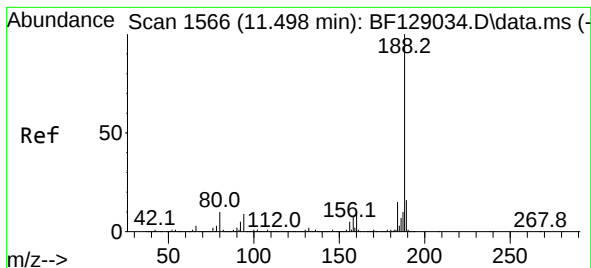
Tgt Ion:165 Resp: 83423
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.127 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion:165 Resp: 83423
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129174.D

Acq: 08 Jul 2022 12:42

Instrument :

BNA_F

ClientSampleId :

PB146101BL

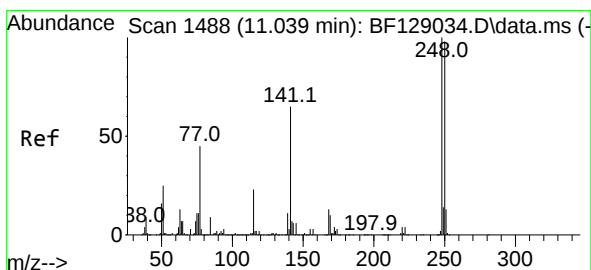
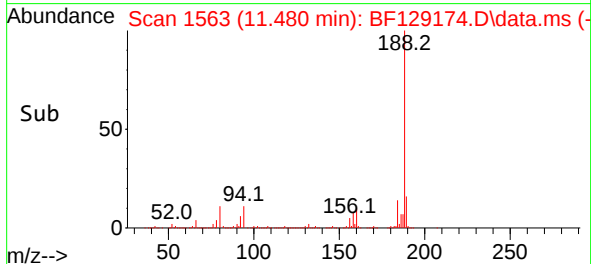
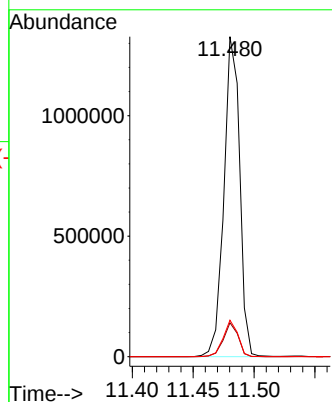
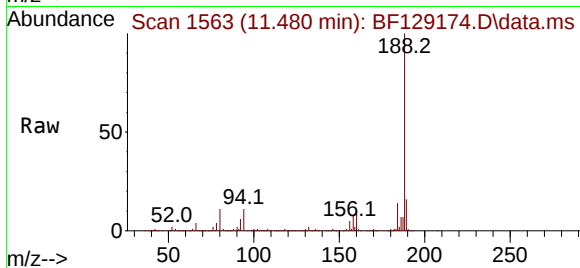
Tgt Ion:188 Resp: 1197455

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.332 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF129174.D

Acq: 08 Jul 2022 12:42

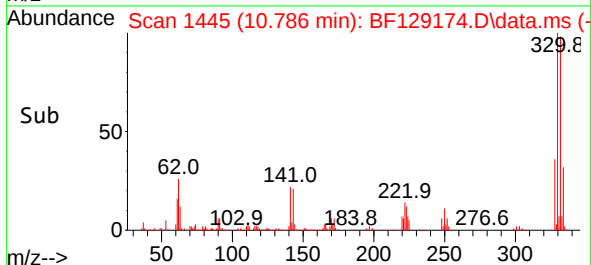
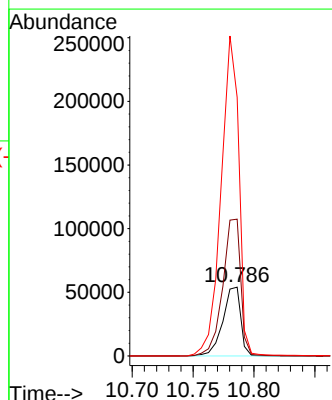
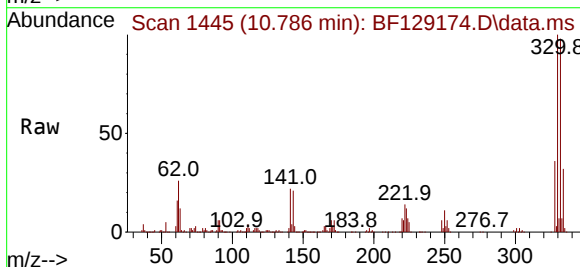
Tgt Ion:248 Resp: 55177

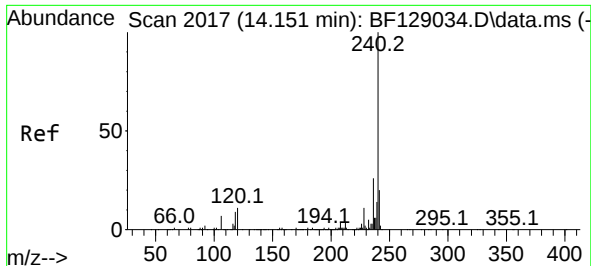
Ion Ratio Lower Upper

248 100

250 198.7 80.6 120.8#

141 375.6 58.9 88.3#

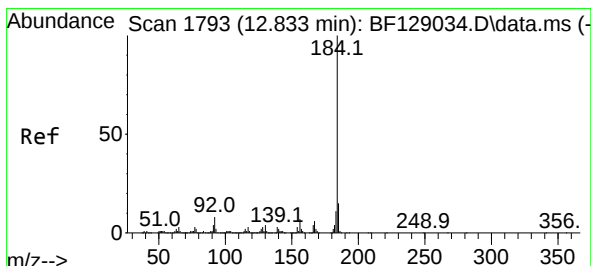
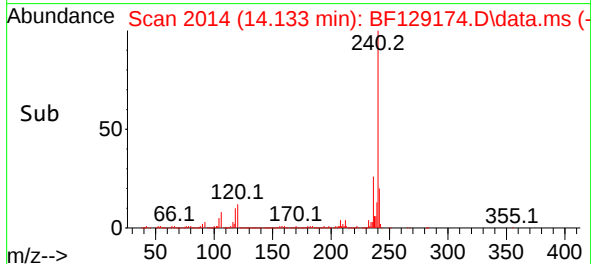
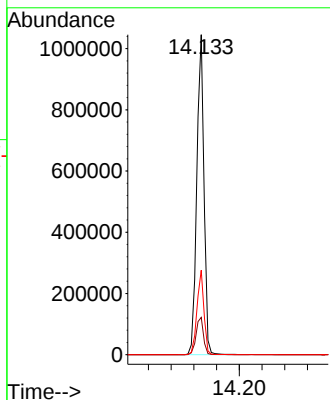
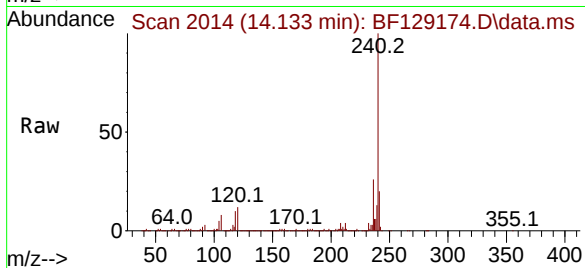




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

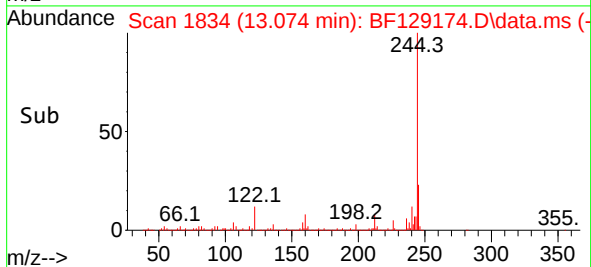
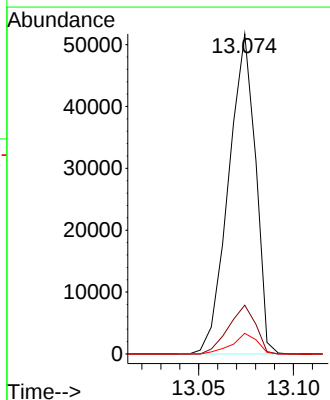
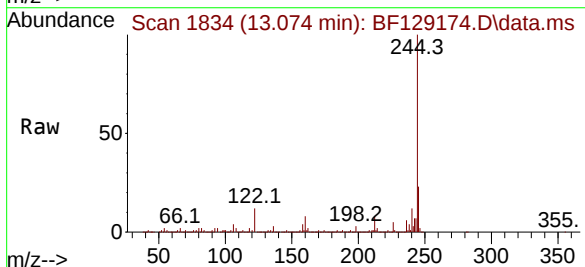
Instrument :
BNA_F
ClientSampleId :
PB146101BL

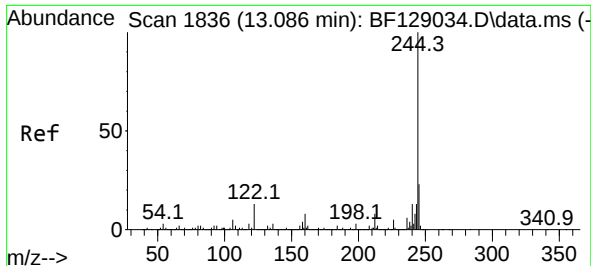
Tgt Ion:240 Resp: 927969
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.097 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF129174.D
Acq: 08 Jul 2022 12:42

Tgt Ion:184 Resp: 51172
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 6.5 9.3 13.9#

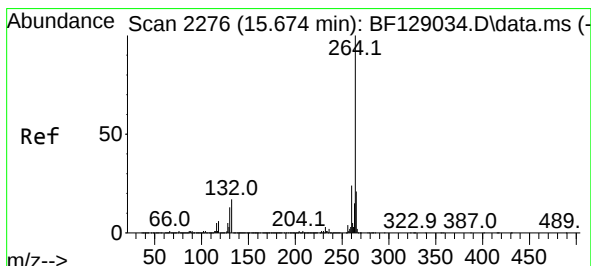
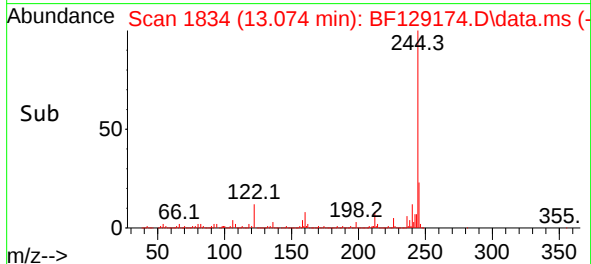
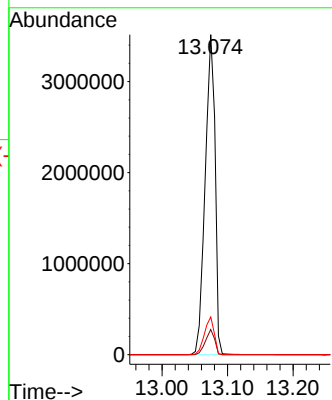
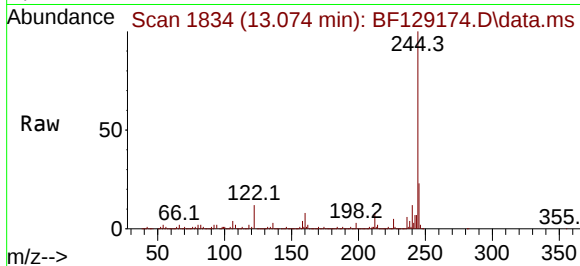




#79
 Terphenyl-d14
 Concen: 82.946 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: BF129174.D
 Acq: 08 Jul 2022 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB146101BL

Tgt Ion:244 Resp: 3706549
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 11.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF129174.D
 Acq: 08 Jul 2022 12:42

Tgt Ion:264 Resp: 825609
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.1 17.2 25.8

