

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129069.D
 Acq On : 30 Jun 2022 20:30
 Operator : CG\JU
 Sample : N3434-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2205-35

Quant Time: Jul 01 05:44:26 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)

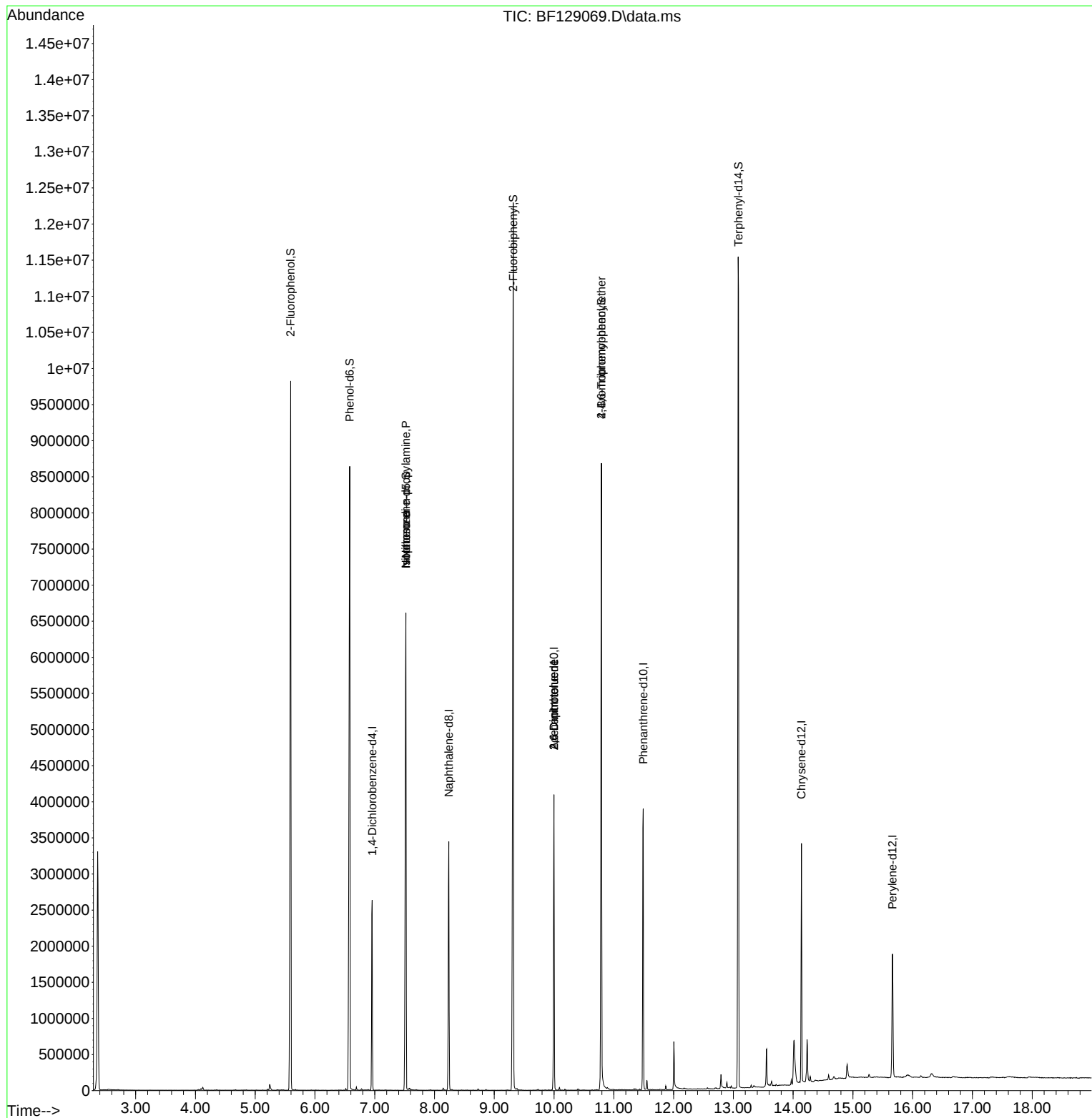
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	410473	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1552360	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	809663	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1446399	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1024497	20.000	ng	-0.01
86) Perylene-d12	15.663	264	792638	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3075792	126.684	ng	0.00
7) Phenol-d6	6.581	99	3829121	126.985	ng	0.00
23) Nitrobenzene-d5	7.522	82	2399349	92.190	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1186320	134.750	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4081150	80.638	ng	0.00
79) Terphenyl-d14	13.086	244	4285331	86.863	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	243	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	7.522	70	321760	18.446	ng	# 71
25) Isophorone	7.522	82	2308910	52.493	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	105794	10.221	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	105794	8.279	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	72745	4.728	ng	# 1

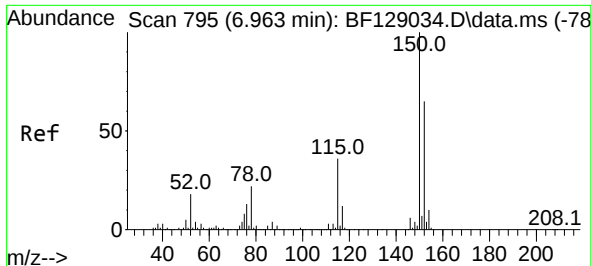
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF129069.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Jul 01 05:44:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

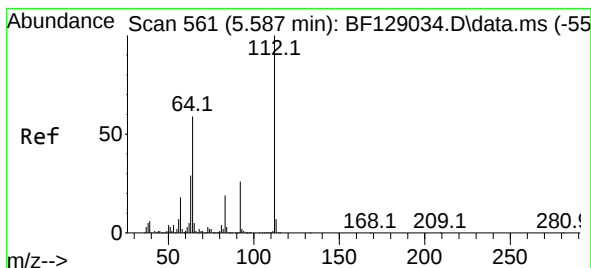
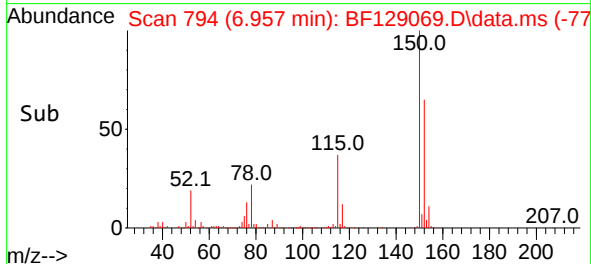
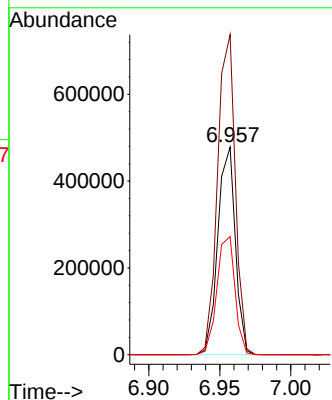
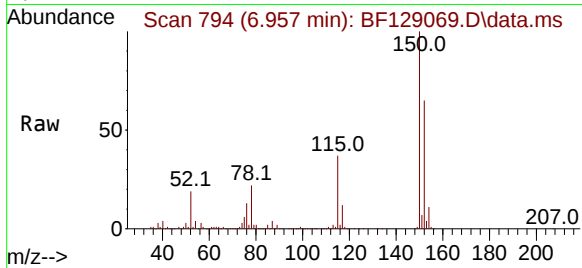




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

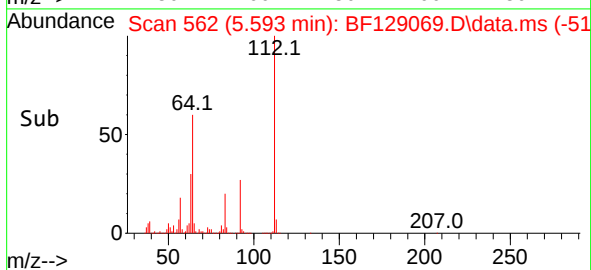
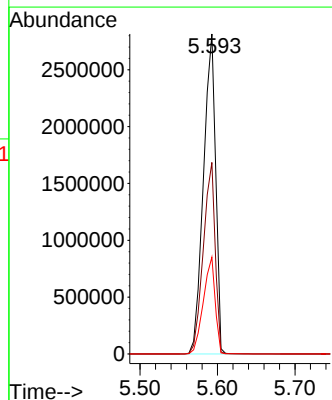
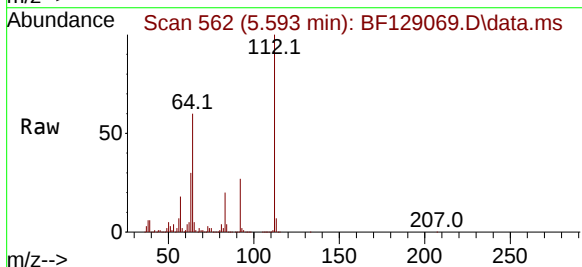
Instrument :
BNA_F
ClientSampleId :
B2205-35

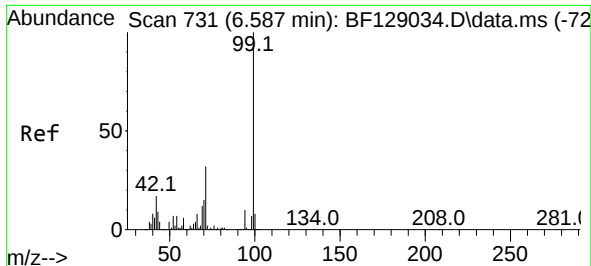
Tgt Ion:152 Resp: 410473
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 56.9 49.9 74.9



#5
2-Fluorophenol
Concen: 126.684 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

Tgt Ion:112 Resp: 3075792
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.3 28.0 42.0





#7
Phenol-d6
Concen: 126.985 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

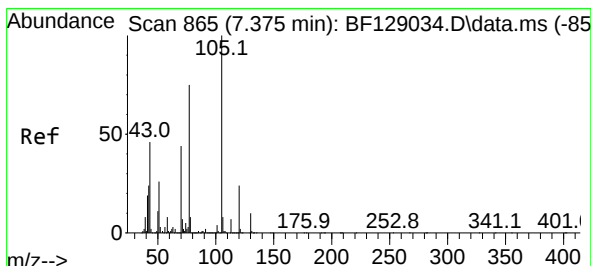
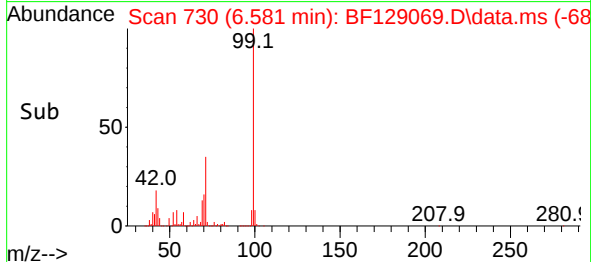
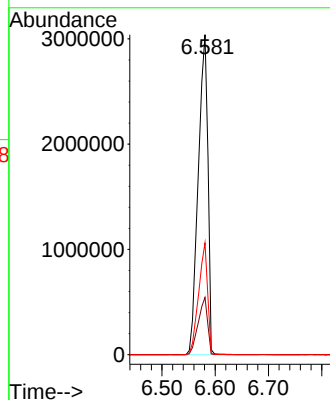
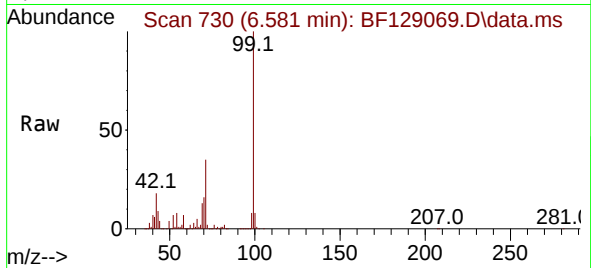
Instrument :

BNA_F

ClientSampleId :

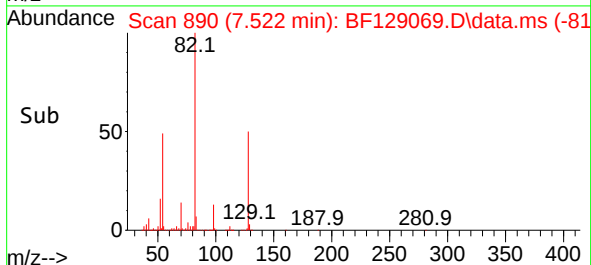
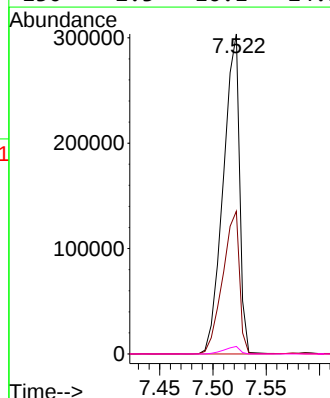
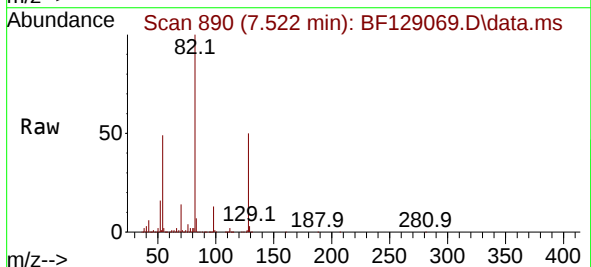
B2205-35

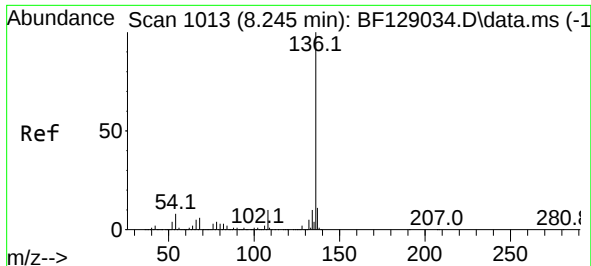
Tgt Ion: 99 Resp: 3829121
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 35.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.446 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

Tgt Ion: 70 Resp: 321760
Ion Ratio Lower Upper
70 100
42 44.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

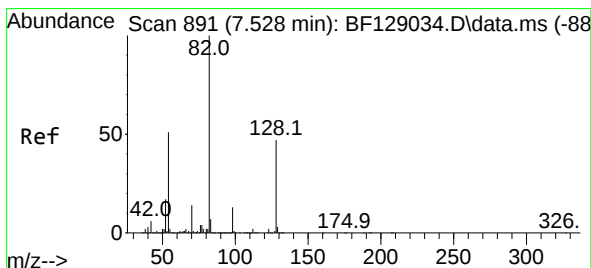
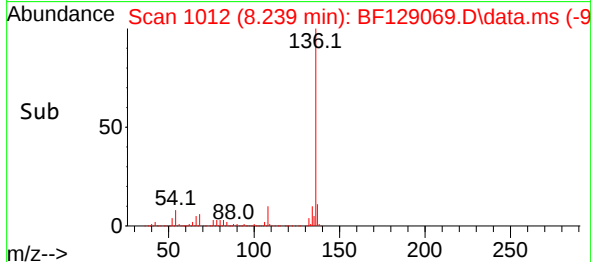
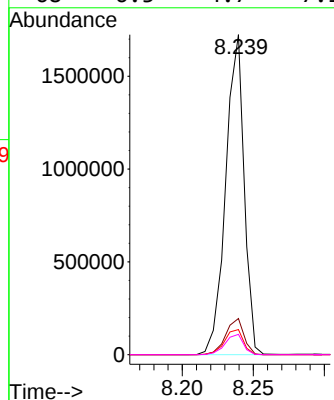
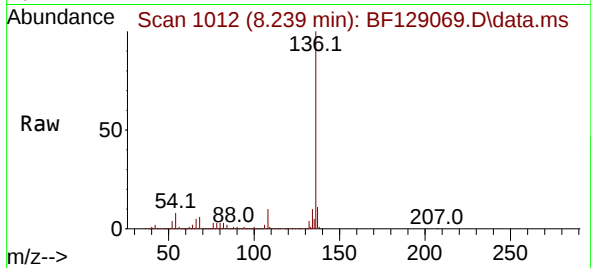




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

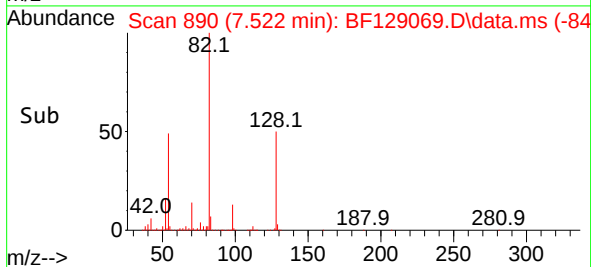
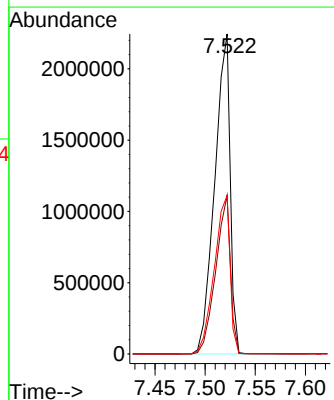
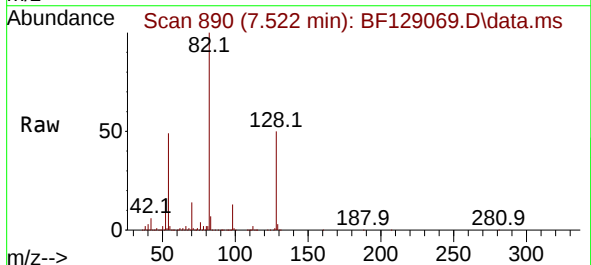
Instrument :
BNA_F
ClientSampleId :
B2205-35

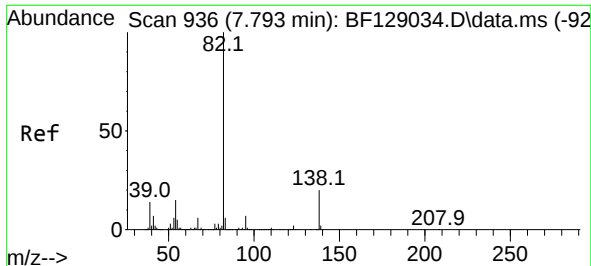
Tgt Ion:136 Resp: 1552360
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.190 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

Tgt Ion: 82 Resp: 2399349
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 49.5 46.9 70.3

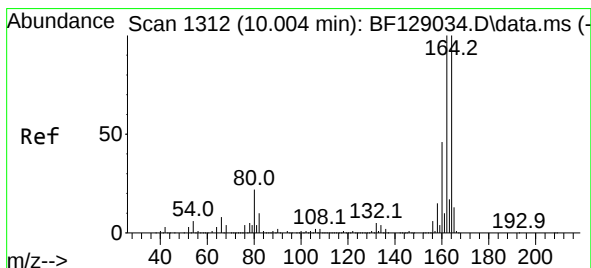
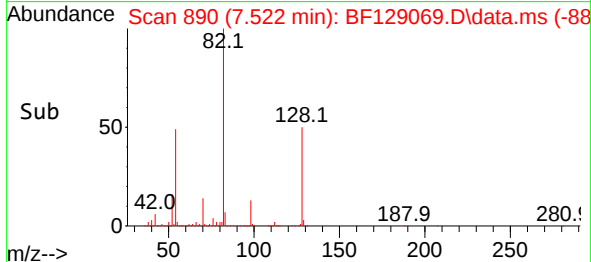
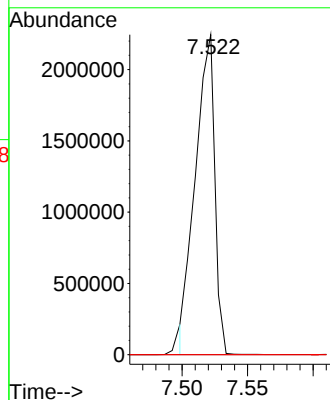
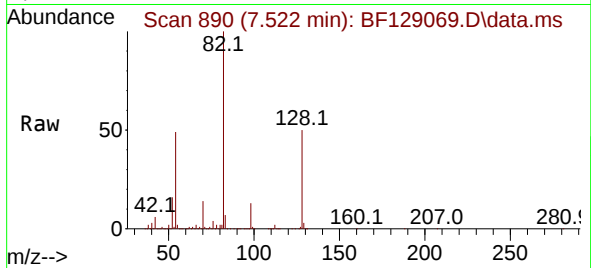




#25
Isophorone
Concen: 52.493 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

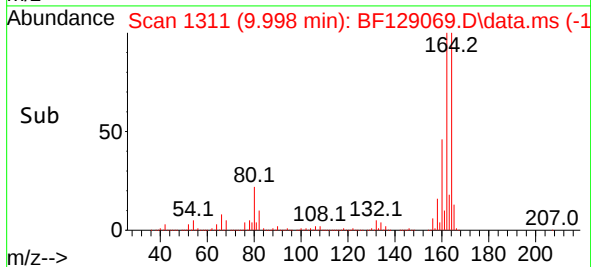
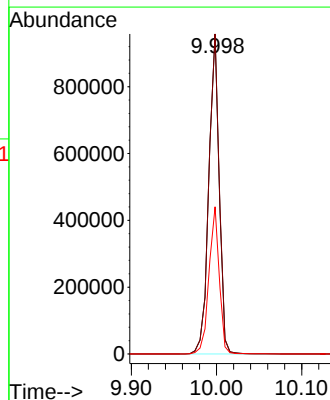
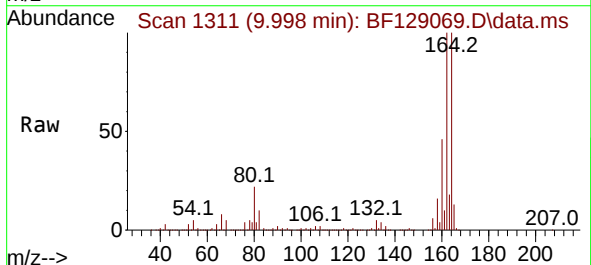
Instrument :
BNA_F
ClientSampleId :
B2205-35

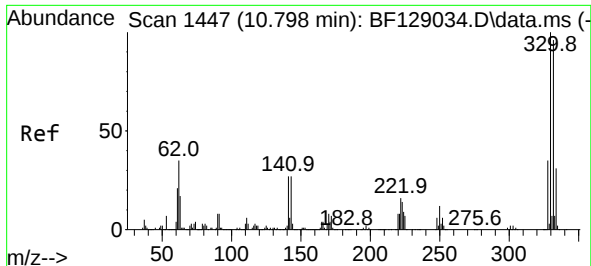
Tgt Ion: 82 Resp: 2308910
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

Tgt Ion:164 Resp: 809663
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 134.750 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129069.D

Acq: 30 Jun 2022 20:30

Instrument :

BNA_F

ClientSampleId :

B2205-35

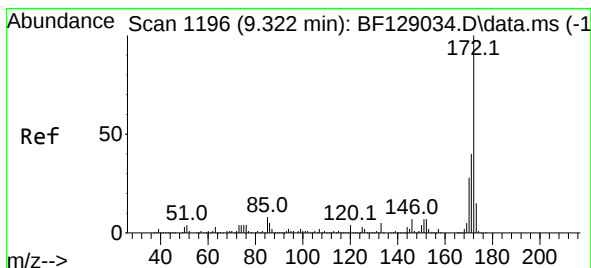
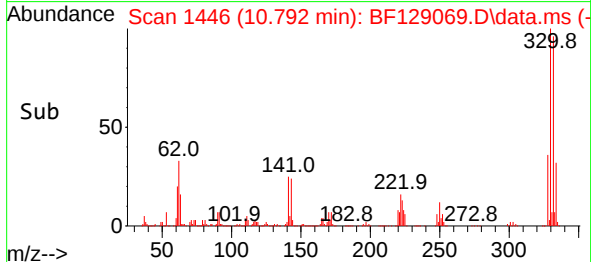
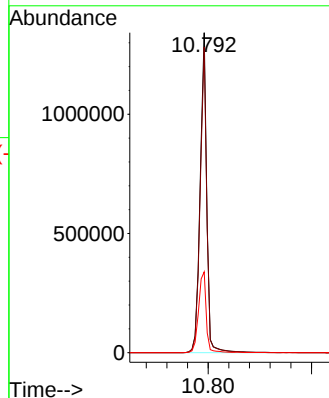
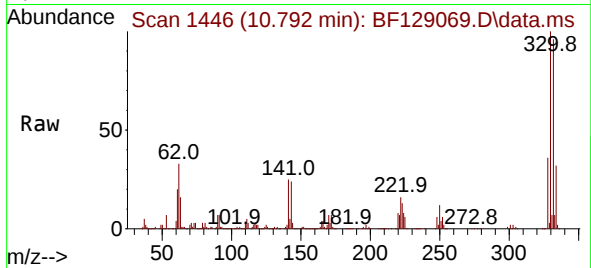
Tgt Ion:330 Resp: 1186320

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 29.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.638 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129069.D

Acq: 30 Jun 2022 20:30

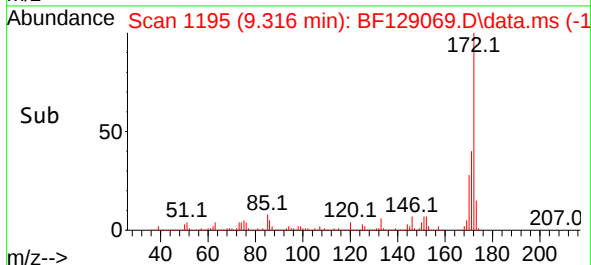
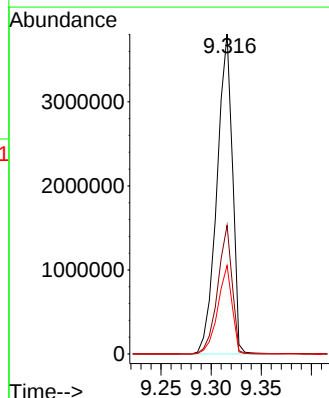
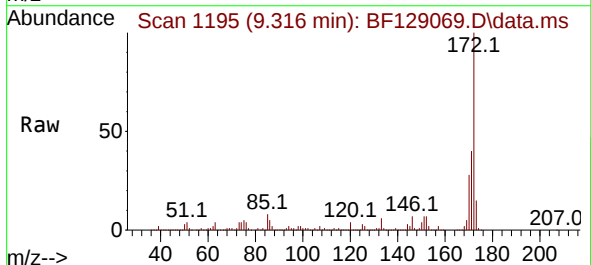
Tgt Ion:172 Resp: 4081150

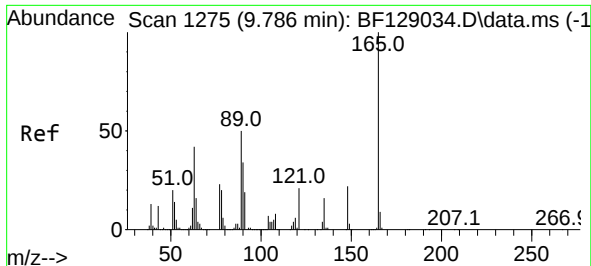
Ion Ratio Lower Upper

172 100

171 40.2 28.8 43.2

170 27.6 19.8 29.8

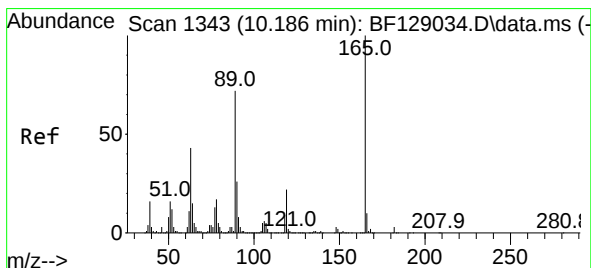
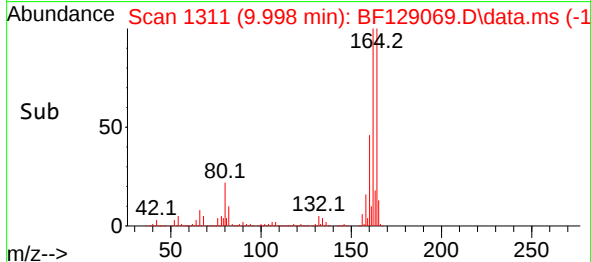
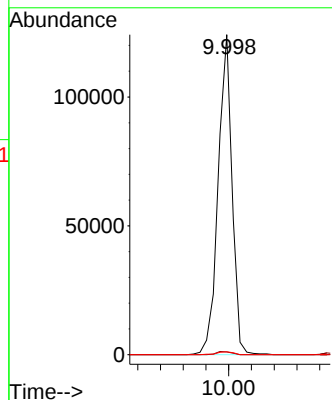
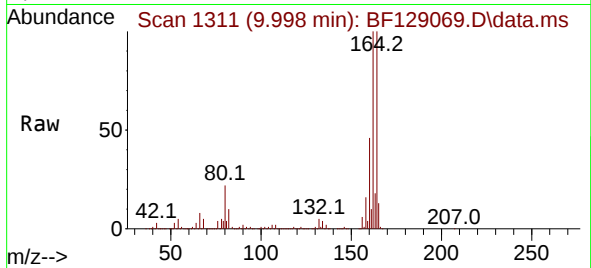




#51
2,6-Dinitrotoluene
Concen: 10.221 ng
RT: 9.998 min Scan# 1111
Delta R.T. 0.212 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

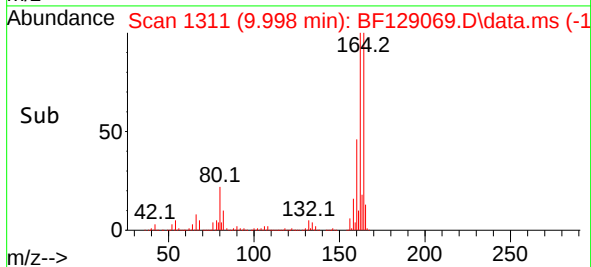
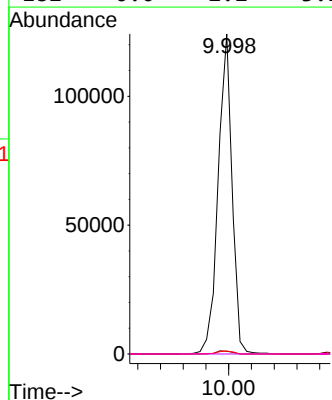
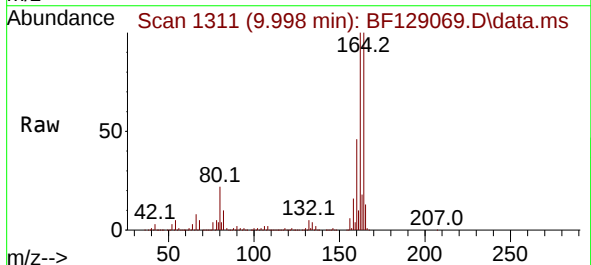
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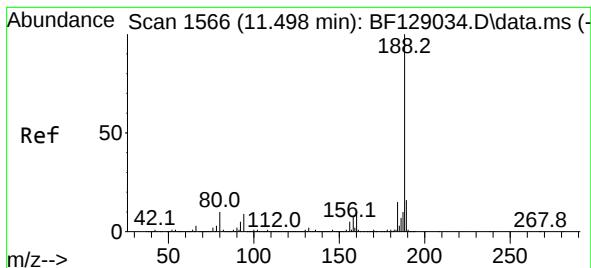
Tgt Ion:165 Resp: 105794
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 0.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.279 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

Tgt Ion:165 Resp: 105794
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129069.D

Acq: 30 Jun 2022 20:30

Instrument :

BNA_F

ClientSampleId :

B2205-35

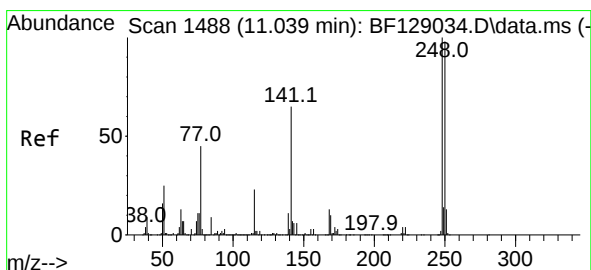
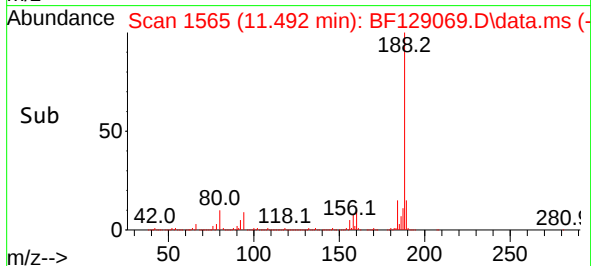
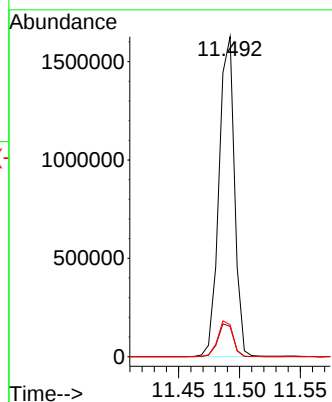
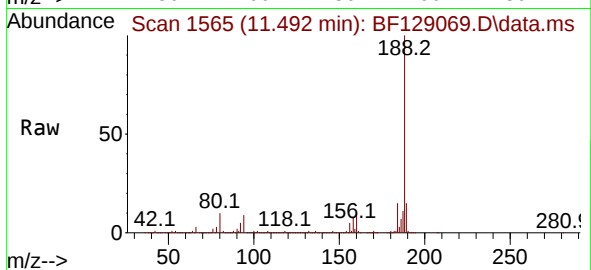
Tgt Ion:188 Resp: 1446399

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.728 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129069.D

Acq: 30 Jun 2022 20:30

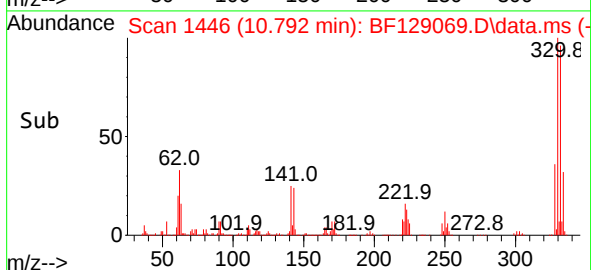
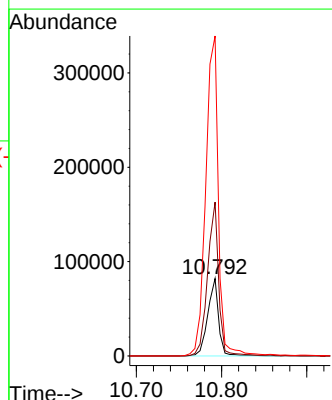
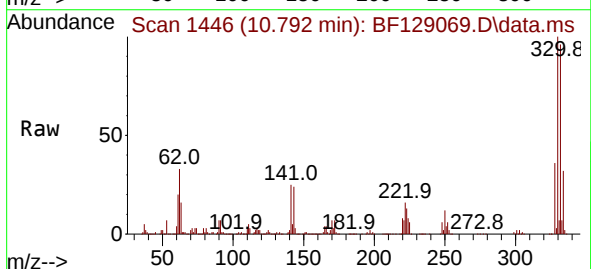
Tgt Ion:248 Resp: 72745

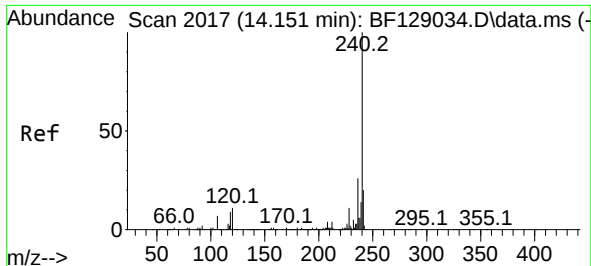
Ion Ratio Lower Upper

248 100

250 198.8 80.6 120.8#

141 413.2 58.9 88.3#

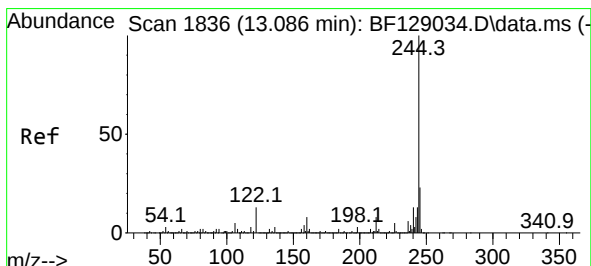
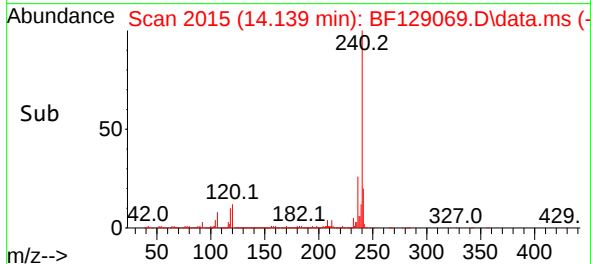
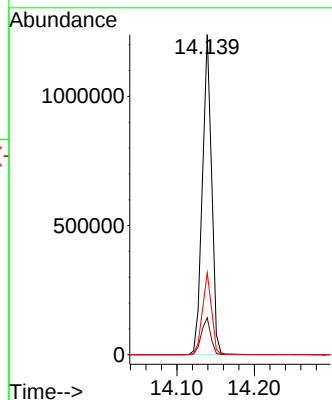
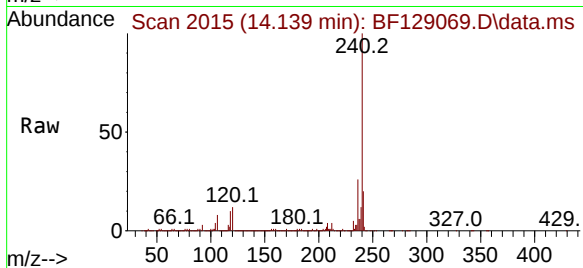




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

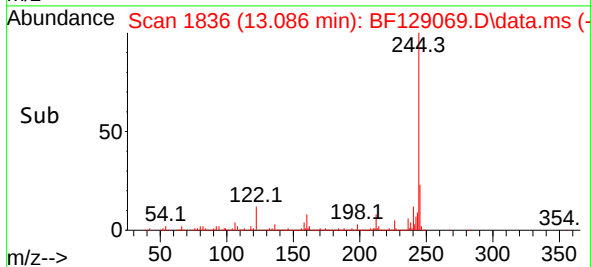
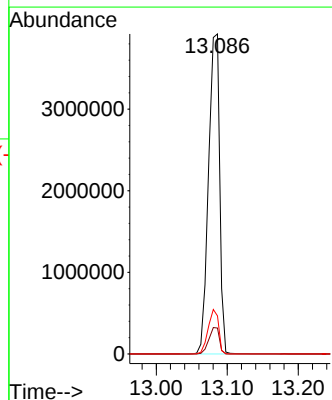
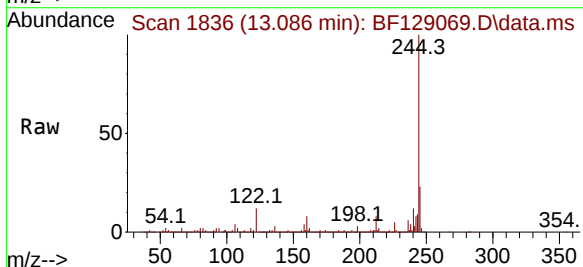
Instrument :
BNA_F
ClientSampleId :
B2205-35

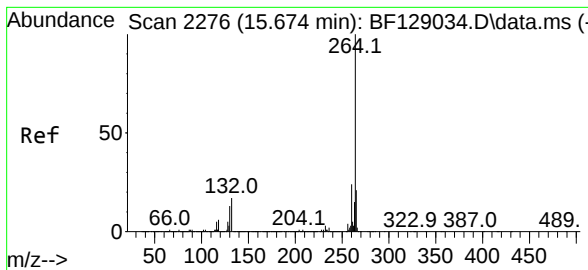
Tgt Ion:240 Resp: 1024497
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 86.863 ng
RT: 13.086 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF129069.D
Acq: 30 Jun 2022 20:30

Tgt Ion:244 Resp: 4285331
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 11.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129069.D
 Acq: 30 Jun 2022 20:30

Instrument :
 BNA_F
 ClientSampleId :
 B2205-35

Tgt Ion:264 Resp: 792638
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.8 17.2 25.8

