

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129059.D
 Acq On : 30 Jun 2022 15:24
 Operator : CG\JU
 Sample : PB145848BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145848BL

Quant Time: Jul 01 05:42:32 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)

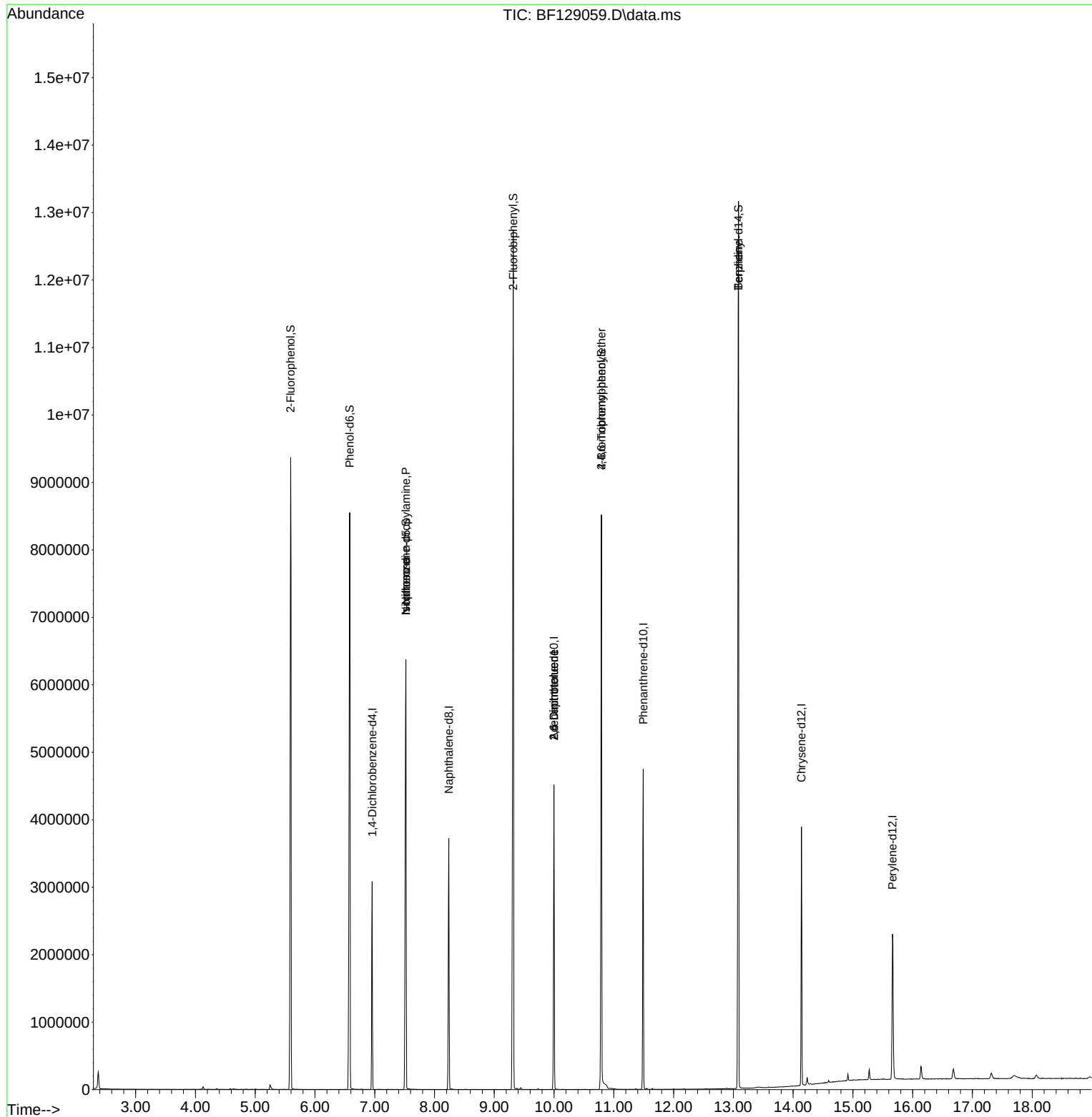
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	441607	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1699467	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	895727	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1640842	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1203132	20.000	ng	-0.01
86) Perylene-d12	15.663	264	987512	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3060573	117.170	ng	0.00
7) Phenol-d6	6.581	99	3767374	116.129	ng	0.00
23) Nitrobenzene-d5	7.522	82	2385772	83.734	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1166037	119.720	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4315420	77.074	ng	0.00
79) Terphenyl-d14	13.086	244	4798442	82.822	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	5993	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	315916	16.834	ng	# 72
25) Isophorone	7.522	82	2314096	48.057	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	116833	10.203	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	116833	8.265	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	70468	4.037	ng	# 1
77) Benizidine	13.086	184	72405	3.380	ng	# 93

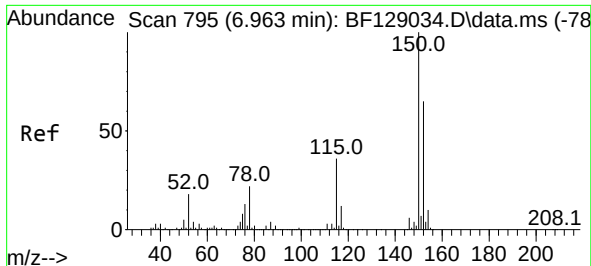
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129059.D
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Quant Time: Jul 01 05:42:32 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

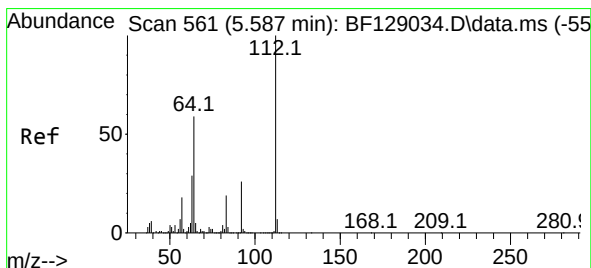
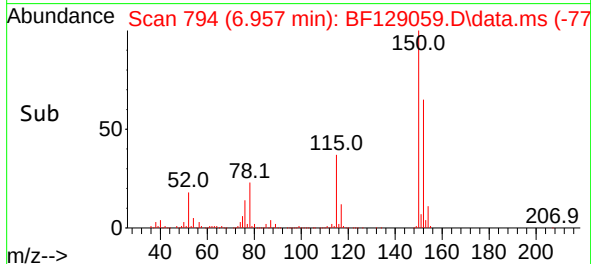
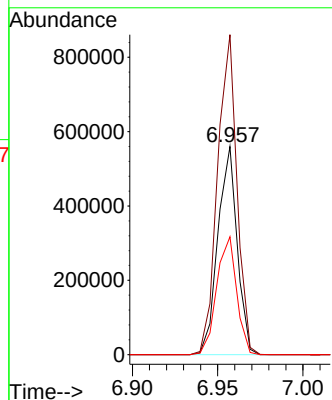
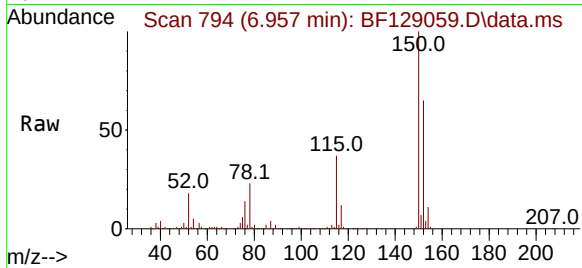




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

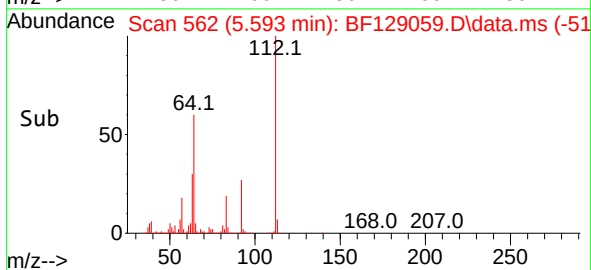
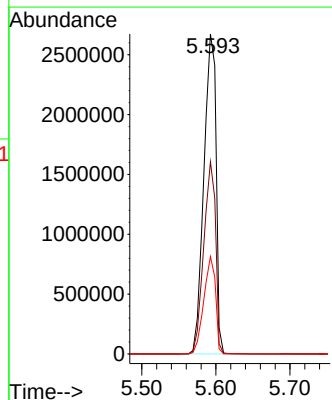
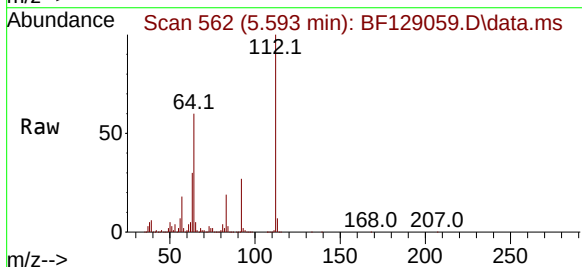
Instrument :
BNA_F
ClientSampleId :
PB145848BL

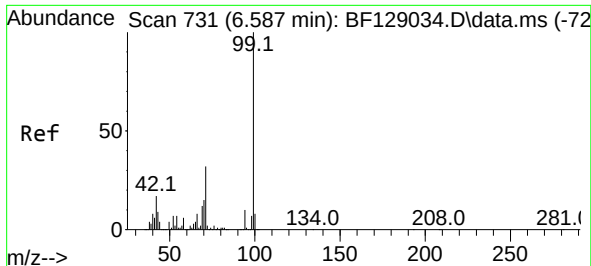
Tgt Ion:152 Resp: 441607
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 56.7 49.9 74.9



#5
2-Fluorophenol
Concen: 117.170 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

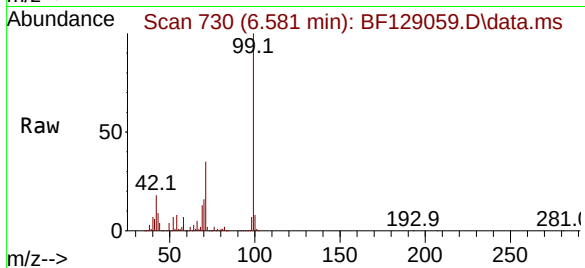
Tgt Ion:112 Resp: 3060573
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 30.4 28.0 42.0





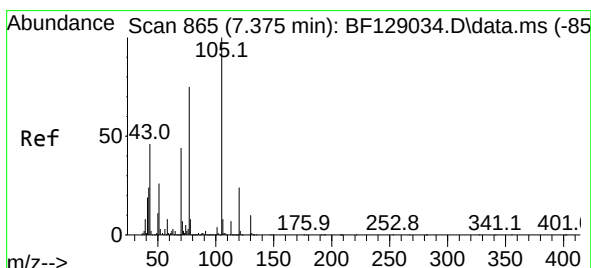
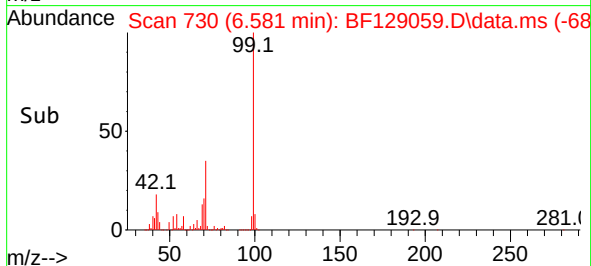
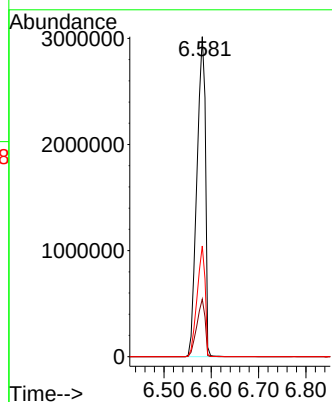
#7
Phenol-d6
Concen: 116.129 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

Instrument :
BNA_F
ClientSampleId :
PB145848BL



Tgt Ion: 99 Resp: 3767374

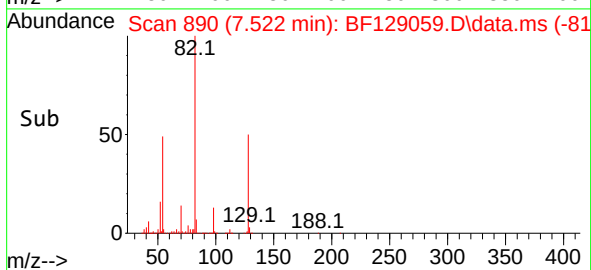
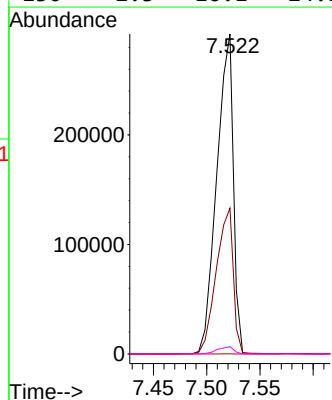
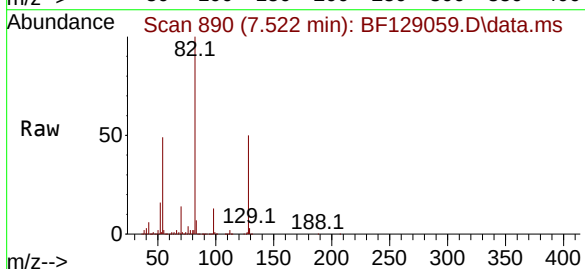
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.3	25.9
71	34.6	28.9	43.3

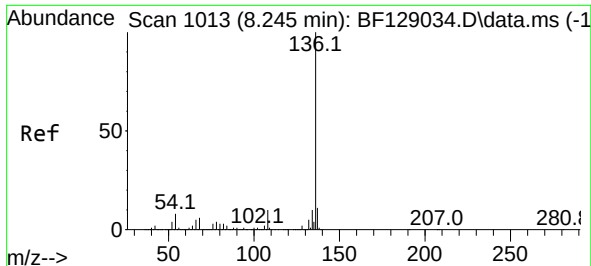


#19
n-Nitroso-di-n-propylamine
Concen: 16.834 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

Tgt Ion: 70 Resp: 315916

Ion	Ratio	Lower	Upper
70	100		
42	45.5	52.3	78.5#
101	0.1	7.5	11.3#
130	2.3	16.1	24.1#

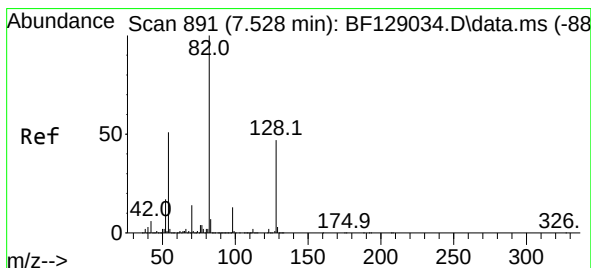
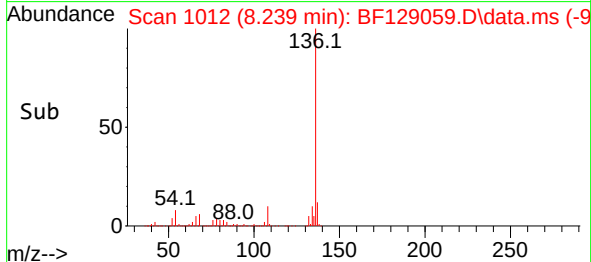
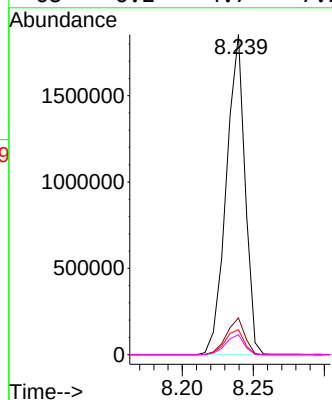
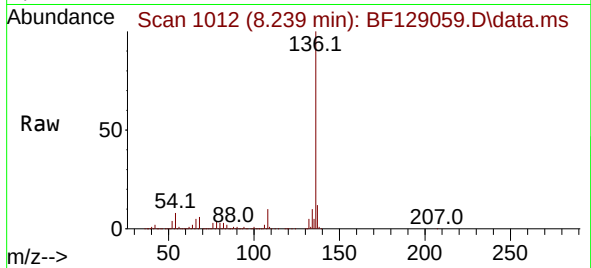




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

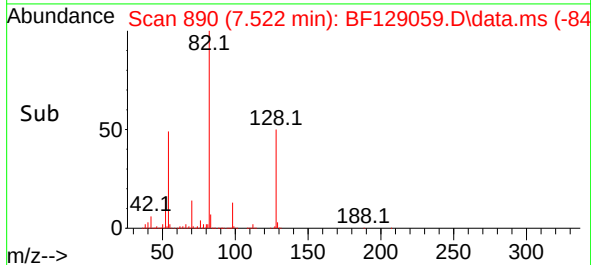
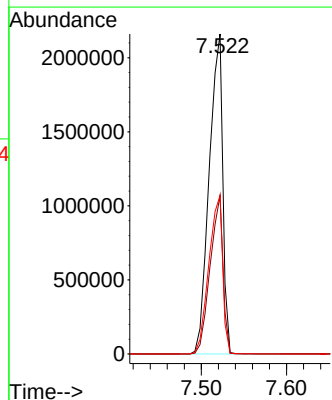
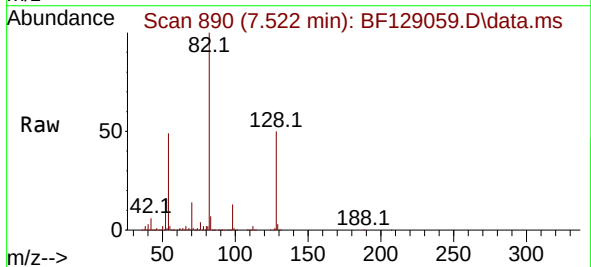
Instrument :
BNA_F
ClientSampleId :
PB145848BL

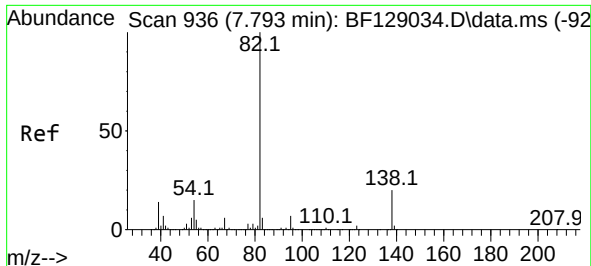
Tgt Ion:136 Resp: 1699467
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.8 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.734 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

Tgt Ion: 82 Resp: 2385772
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 49.5 46.9 70.3

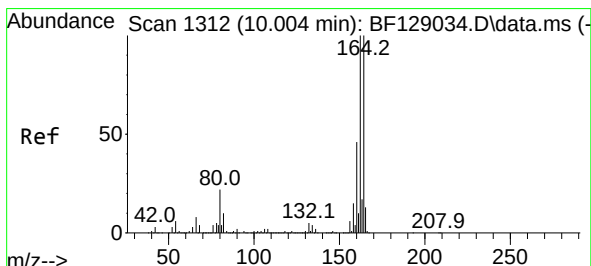
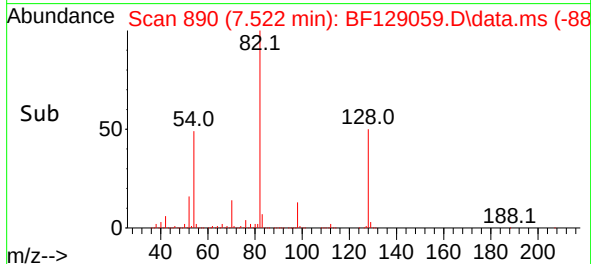
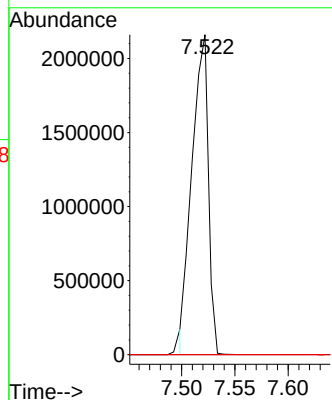
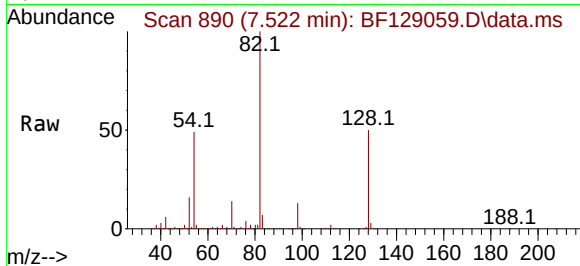




#25
Isophorone
Concen: 48.057 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

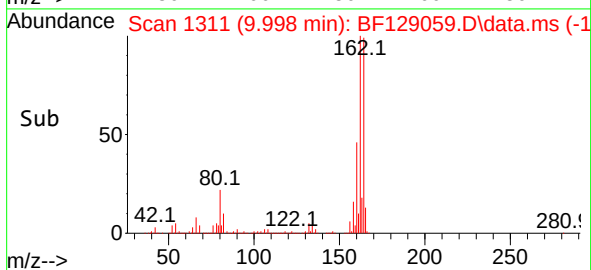
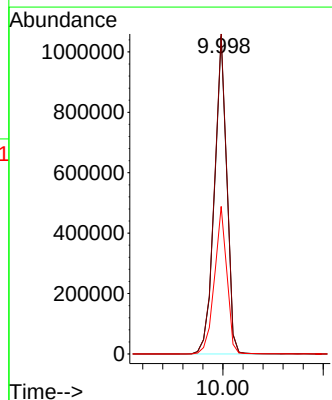
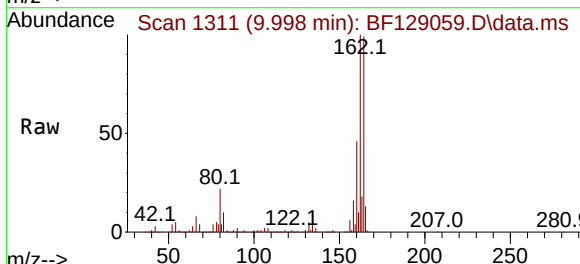
Instrument :
BNA_F
ClientSampleId :
PB145848BL

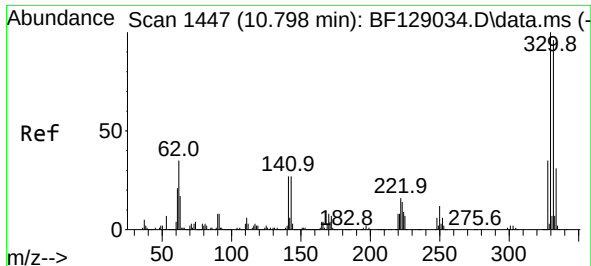
Tgt Ion: 82 Resp: 2314096
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

Tgt Ion:164 Resp: 895727
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 46.5 34.2 51.4



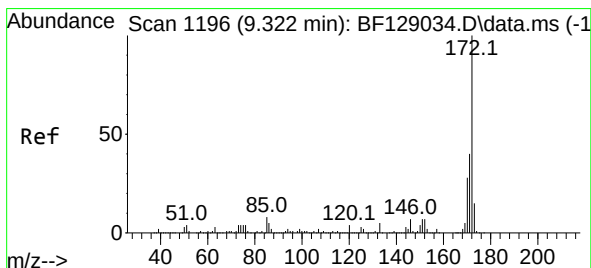
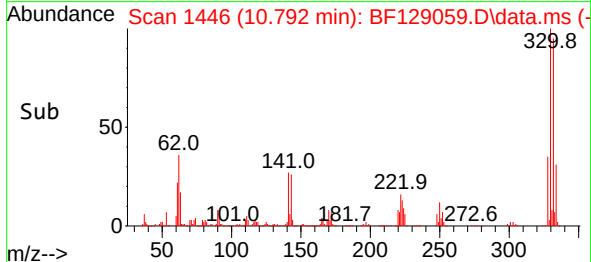
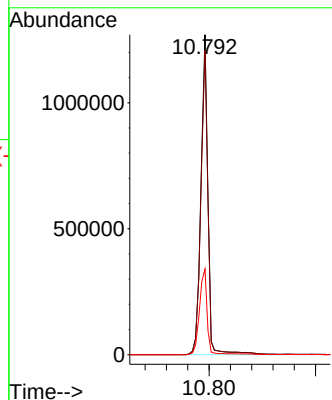
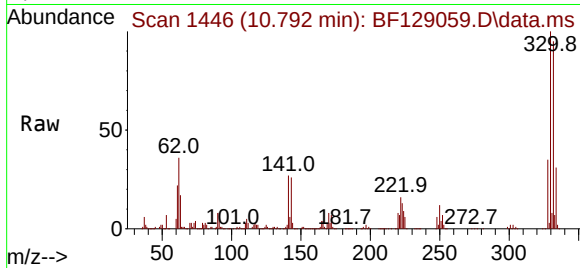


#42
 2,4,6-Tribromophenol
 Concen: 119.720 ng
 RT: 10.792 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF129059.D
 Acq: 30 Jun 2022 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB145848BL

Tgt Ion:330 Resp: 1166037

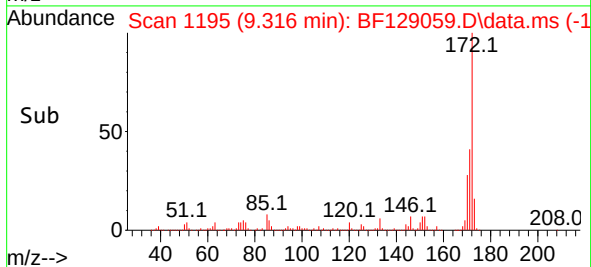
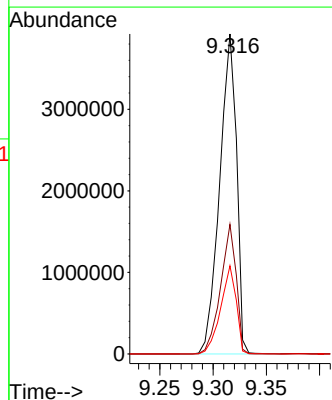
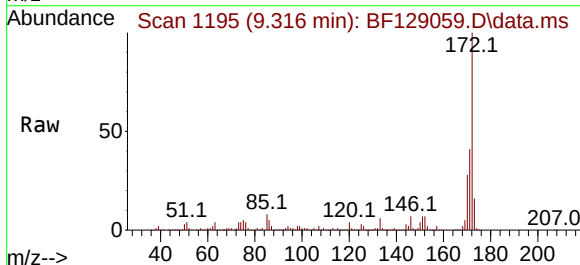
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	28.9	28.0	42.0

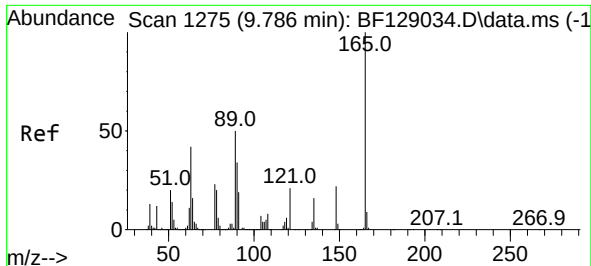


#45
 2-Fluorobiphenyl
 Concen: 77.074 ng
 RT: 9.316 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF129059.D
 Acq: 30 Jun 2022 15:24

Tgt Ion:172 Resp: 4315420

Ion	Ratio	Lower	Upper
172	100		
171	40.5	28.8	43.2
170	27.5	19.8	29.8

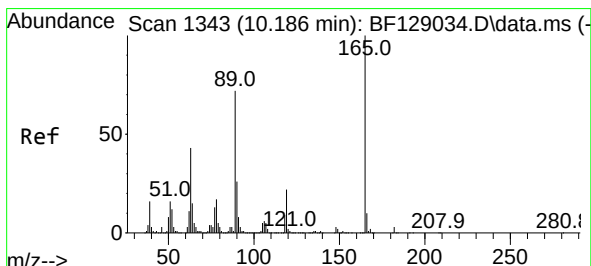
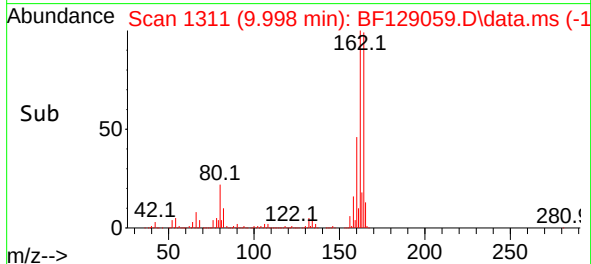
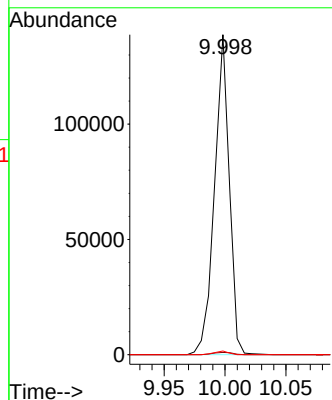
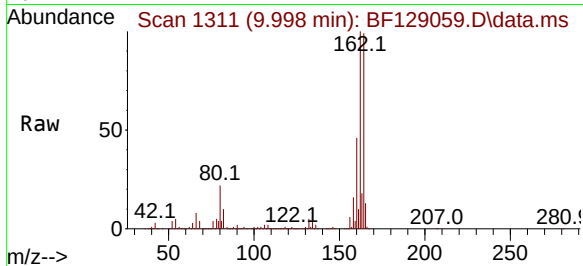




#51
2,6-Dinitrotoluene
Concen: 10.203 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

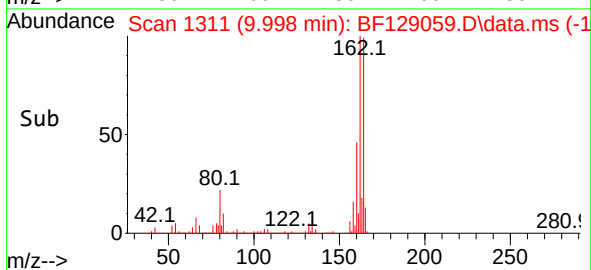
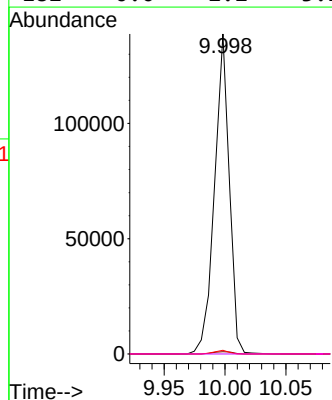
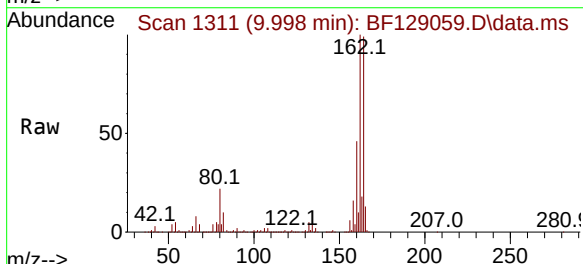
Instrument :
BNA_F
ClientSampleId :
PB145848BL

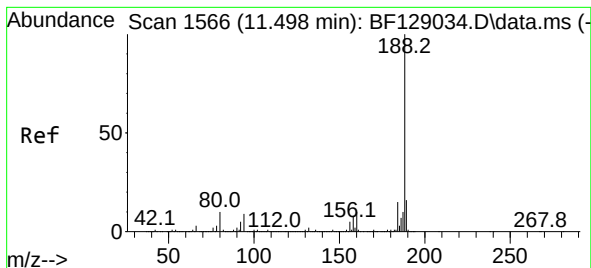
Tgt Ion:165 Resp: 116833
Ion Ratio Lower Upper
165 100
63 0.7 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.265 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129059.D
Acq: 30 Jun 2022 15:24

Tgt Ion:165 Resp: 116833
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: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129059.D

Acq: 30 Jun 2022 15:24

Instrument :

BNA_F

ClientSampleId :

PB145848BL

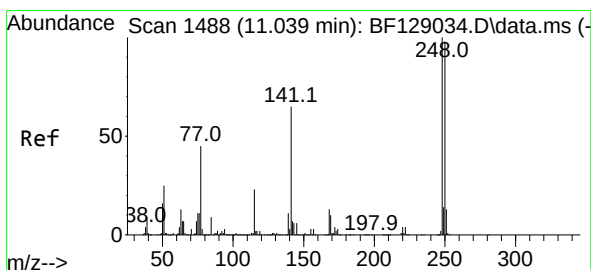
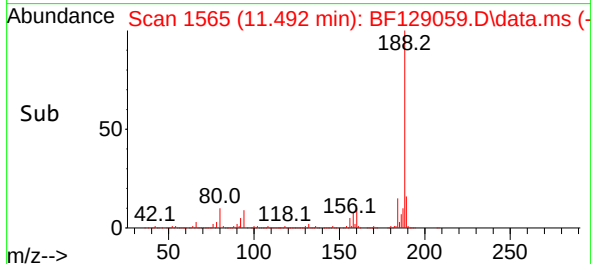
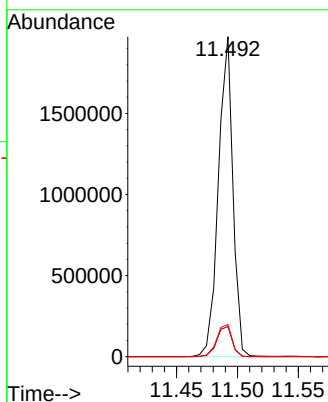
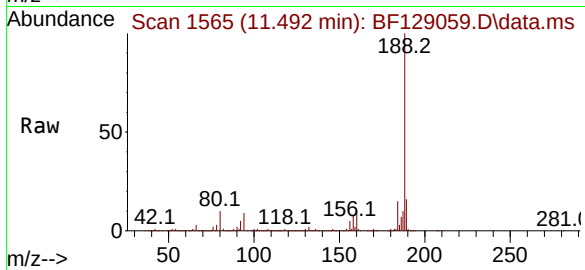
Tgt Ion:188 Resp: 1640842

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.037 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129059.D

Acq: 30 Jun 2022 15:24

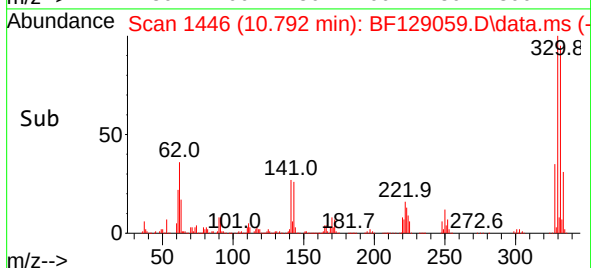
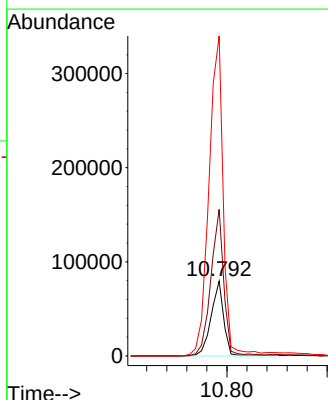
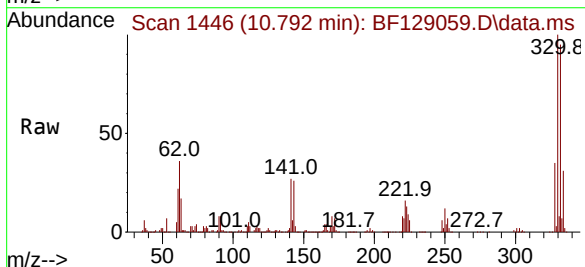
Tgt Ion:248 Resp: 70468

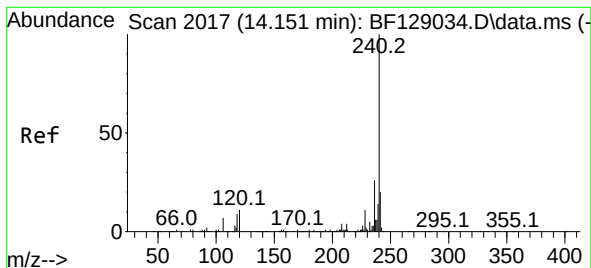
Ion Ratio Lower Upper

248 100

250 195.5 80.6 120.8#

141 427.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129059.D

Acq: 30 Jun 2022 15:24

Instrument :

BNA_F

ClientSampleId :

PB145848BL

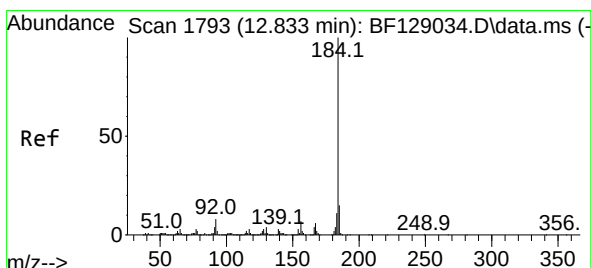
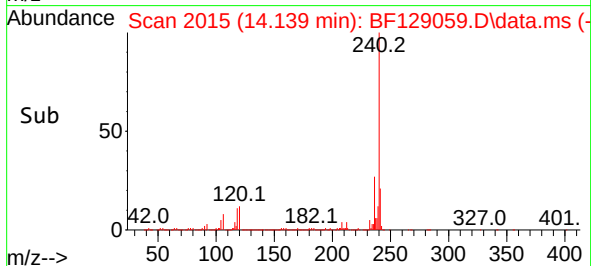
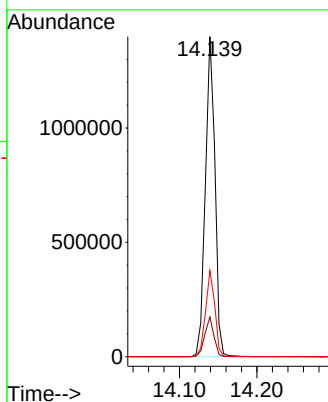
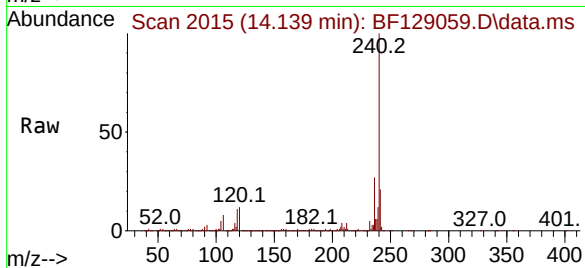
Tgt Ion:240 Resp: 1203132

Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

236 26.9 20.8 31.2



#77

Benzidine

Concen: 3.380 ng

RT: 13.086 min Scan# 1836

Delta R.T. 0.253 min

Lab File: BF129059.D

Acq: 30 Jun 2022 15:24

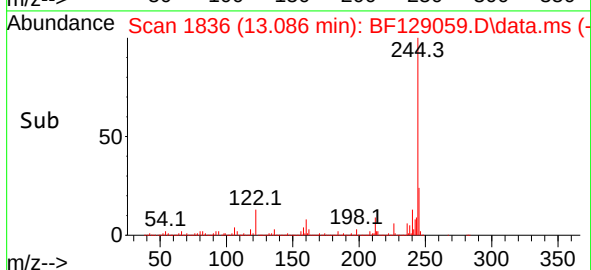
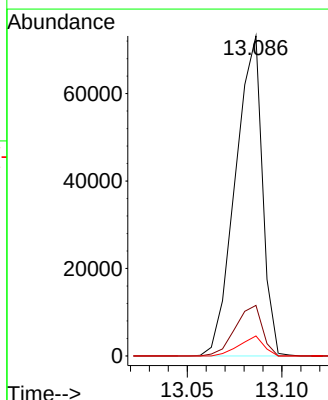
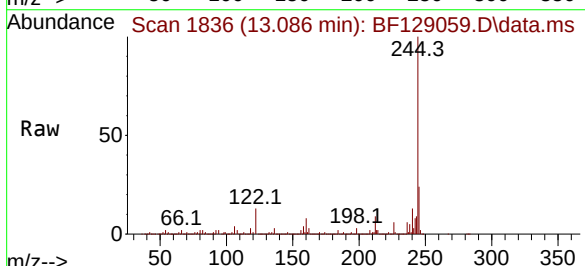
Tgt Ion:184 Resp: 72405

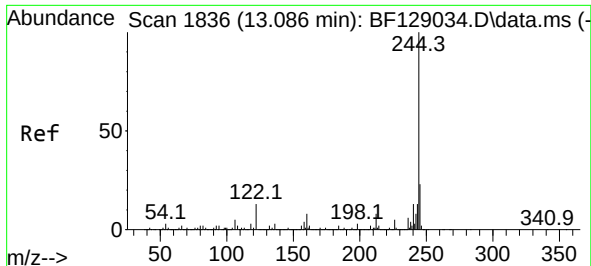
Ion Ratio Lower Upper

184 100

185 15.8 11.9 17.9

183 6.2 9.3 13.9#

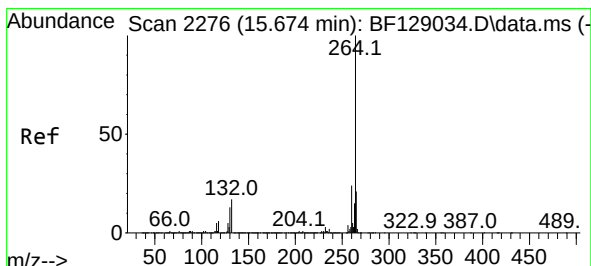
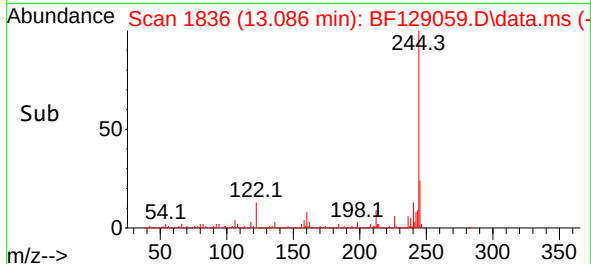
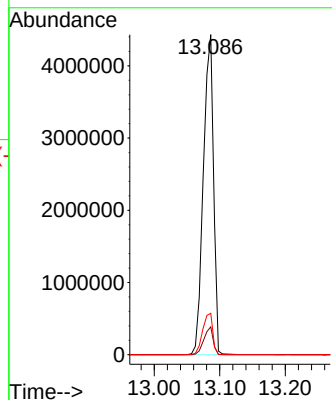
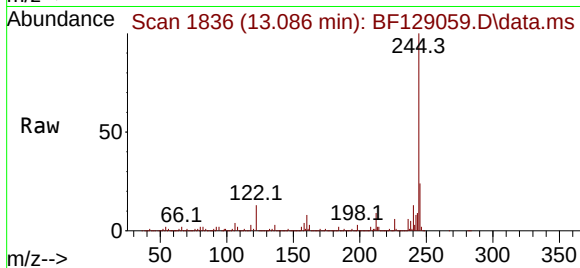




#79
 Terphenyl-d14
 Concen: 82.822 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129059.D
 Acq: 30 Jun 2022 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB145848BL

Tgt Ion:244 Resp: 4798442
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129059.D
 Acq: 30 Jun 2022 15:24

Tgt Ion:264 Resp: 987512
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 17.2 25.8

