

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129079.D
 Acq On : 01 Jul 2022 01:30
 Operator : CG\JU
 Sample : N3502-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-43-UC

Quant Time: Jul 01 05:45:45 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)

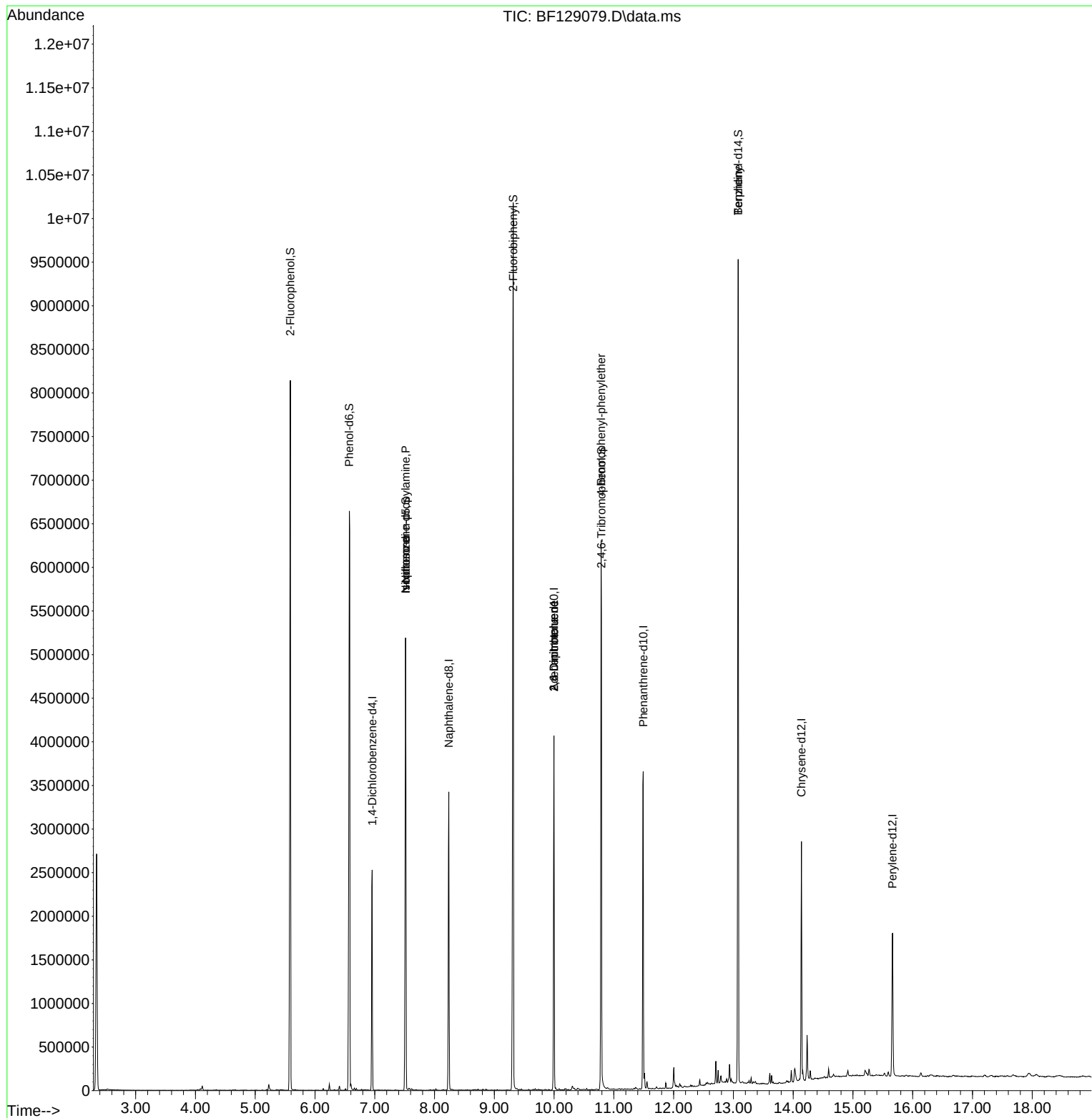
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	396567	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1499900	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	782789	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1373343	20.000	ng	0.00
76) Chrysene-d12	14.139	240	854185	20.000	ng	-0.01
86) Perylene-d12	15.662	264	747685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2323205	99.042	ng	0.00
7) Phenol-d6	6.575	99	2909327	99.865	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1764694	70.176	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	841562	98.872	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3169581	64.777	ng	0.00
79) Terphenyl-d14	13.080	244	3104320	75.470	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	806	Below Cal		Qvalue 96
19) n-Nitroso-di-n-propyla...	7.516	70	231078	13.712 ng	#	73
25) Isophorone	7.516	82	1704372	40.104 ng	#	65
51) 2,6-Dinitrotoluene	9.998	165	102197	10.213 ng	#	25
57) 2,4-Dinitrotoluene	9.998	165	102197	8.272 ng	#	21
67) 4-Bromophenyl-phenylether	10.786	248	50376	3.448 ng	#	1
77) Benizidine	13.080	184	44448	2.922 ng	#	92

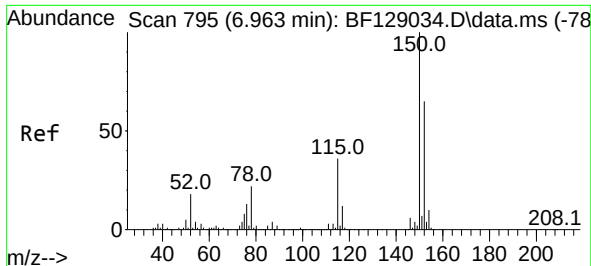
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129079.D
Acq On : 01 Jul 2022 01:30
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Sample : N3502-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-43-UC

Quant Time: Jul 01 05:45:45 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
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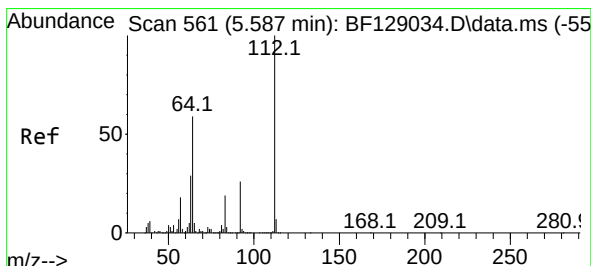
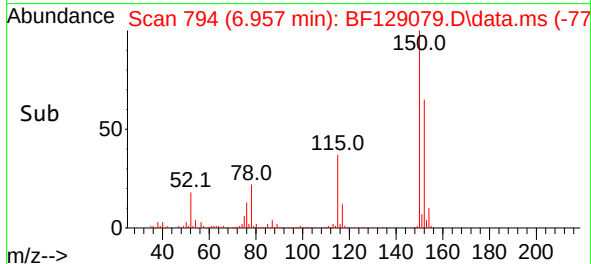
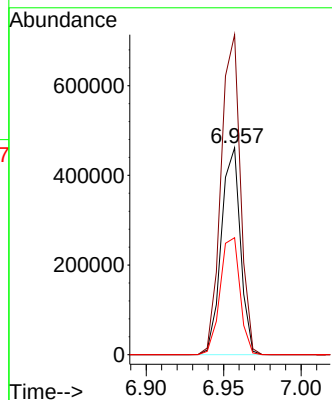
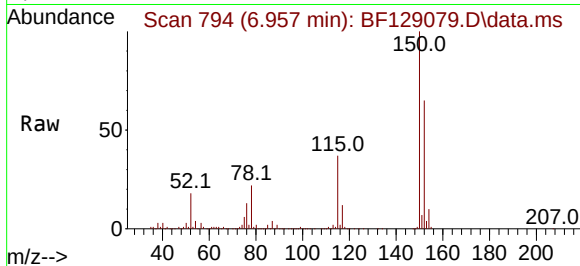




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

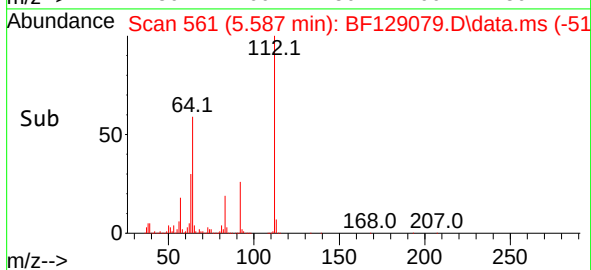
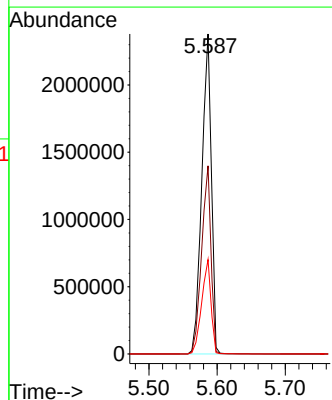
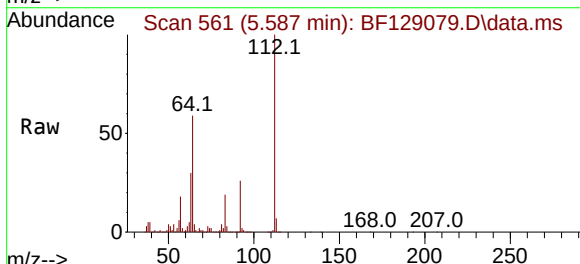
Instrument :
BNA_F
ClientSampleId :
D-43-UC

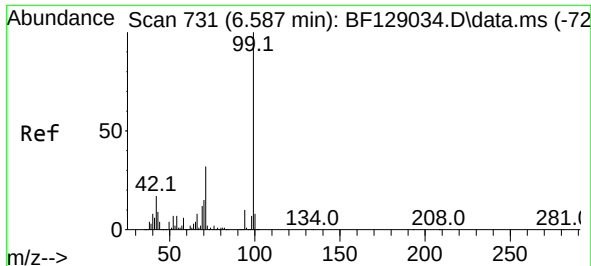
Tgt Ion:152 Resp: 396567
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 56.5 49.9 74.9



#5
2-Fluorophenol
Concen: 99.042 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

Tgt Ion:112 Resp: 2323205
Ion Ratio Lower Upper
112 100
64 58.8 53.3 79.9
63 29.5 28.0 42.0

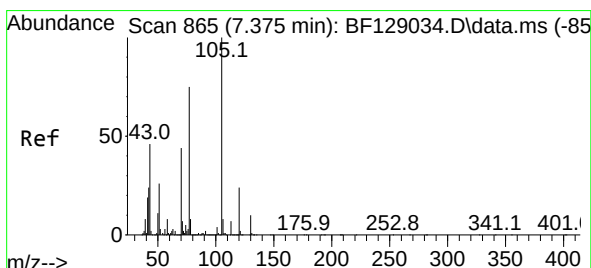
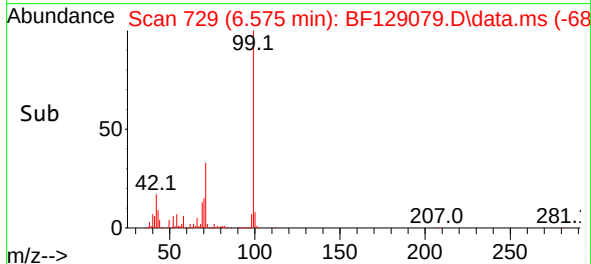
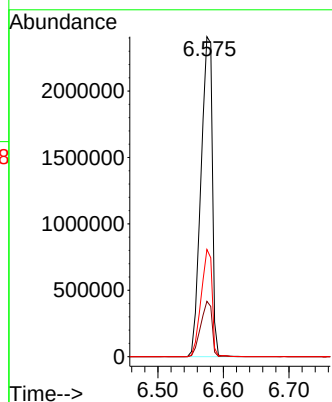
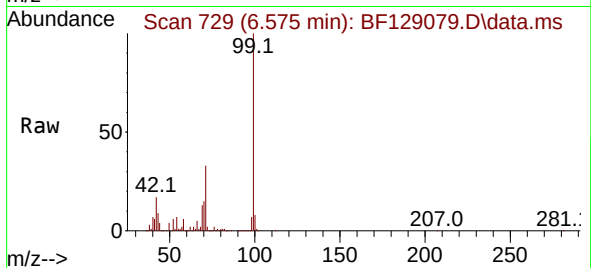




#7
Phenol-d6
Concen: 99.865 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

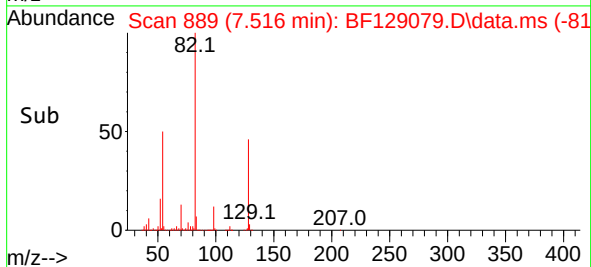
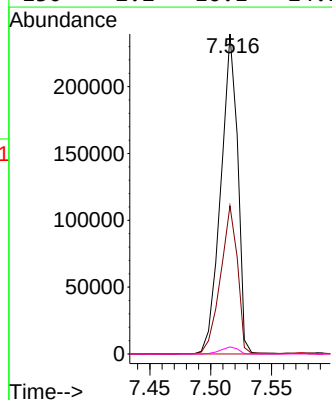
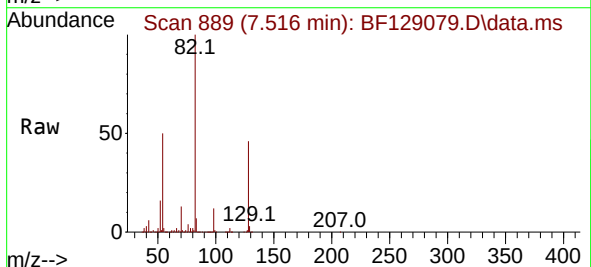
Instrument :
BNA_F
ClientSampleId :
D-43-UC

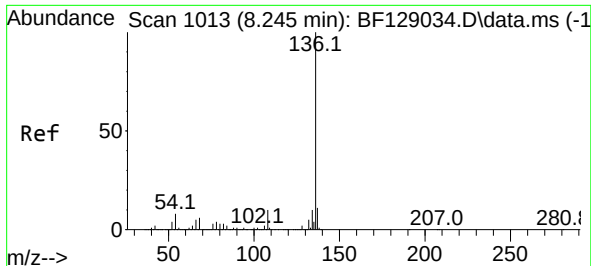
Tgt Ion: 99 Resp: 2909327
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 33.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.712 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

Tgt Ion: 70 Resp: 231078
Ion Ratio Lower Upper
70 100
42 46.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

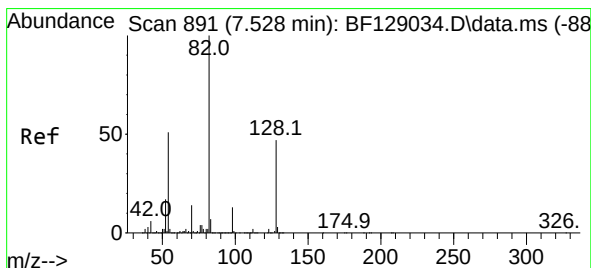
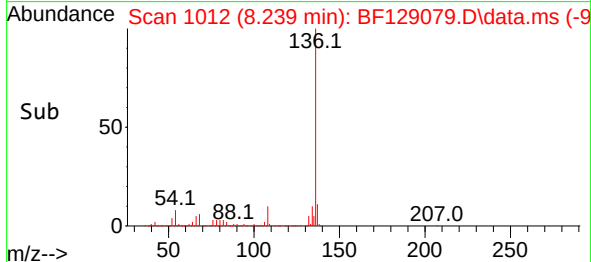
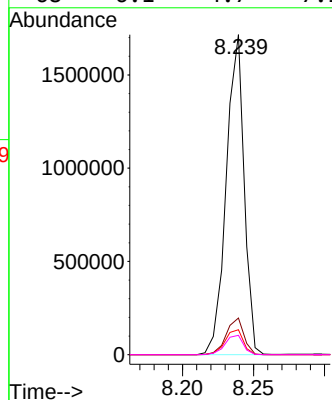
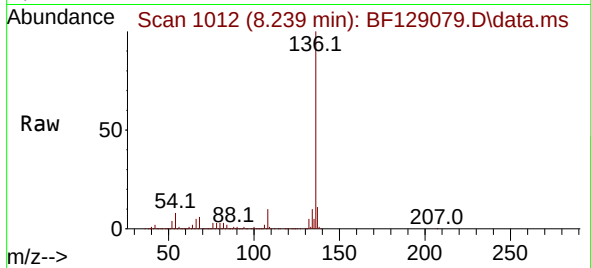




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

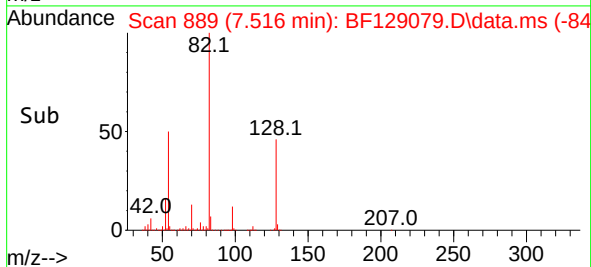
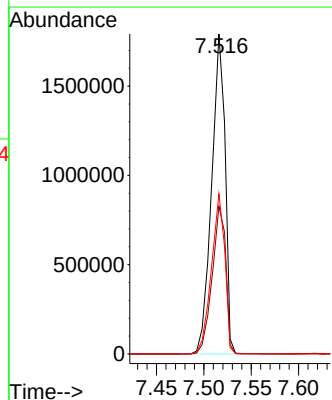
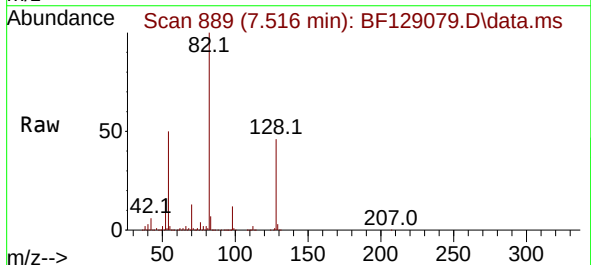
Instrument :
BNA_F
ClientSampleId :
D-43-UC

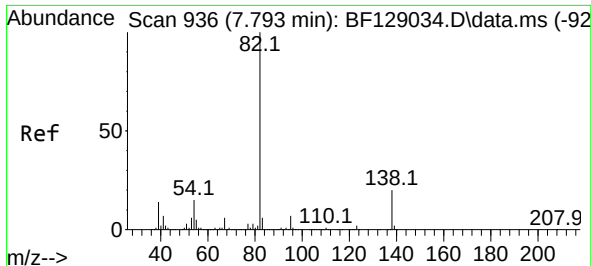
Tgt Ion:136 Resp: 1499900
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.8 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 70.176 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

Tgt Ion: 82 Resp: 1764694
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 50.0 46.9 70.3

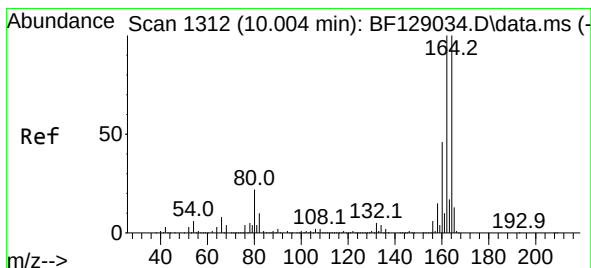
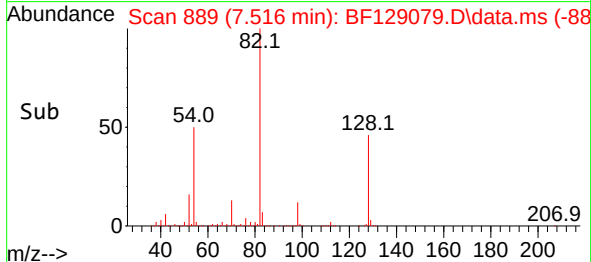
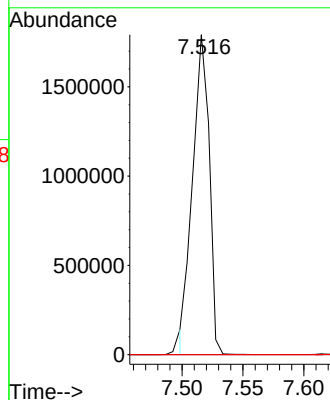
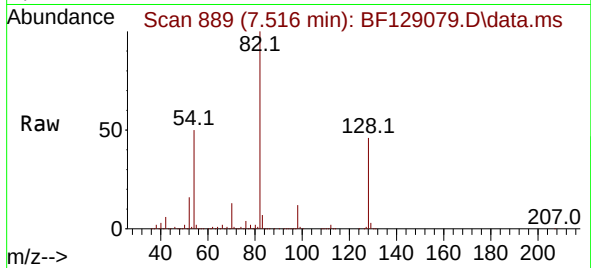




#25
Isophorone
Concen: 40.104 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

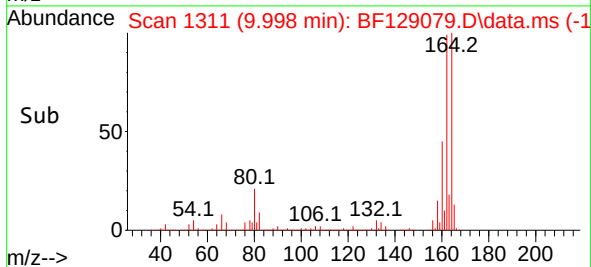
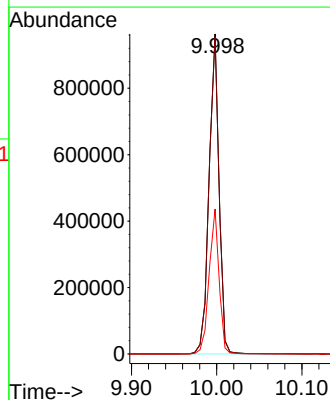
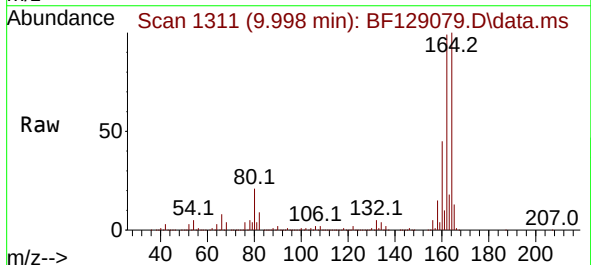
Instrument :
BNA_F
ClientSampleId :
D-43-UC

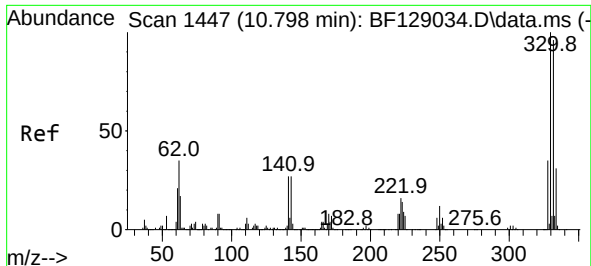
Tgt Ion: 82 Resp: 1704372
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

Tgt Ion:164 Resp: 782789
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.872 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129079.D

Acq: 01 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

D-43-UC

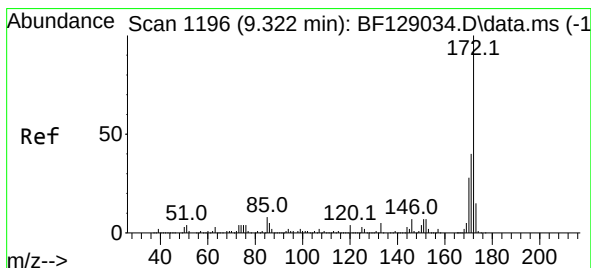
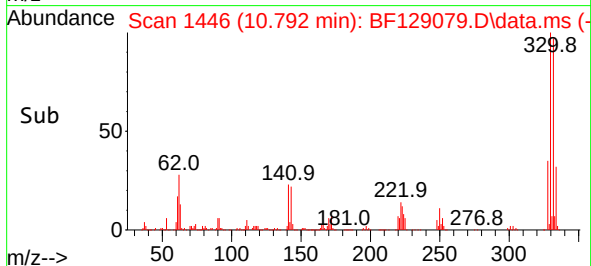
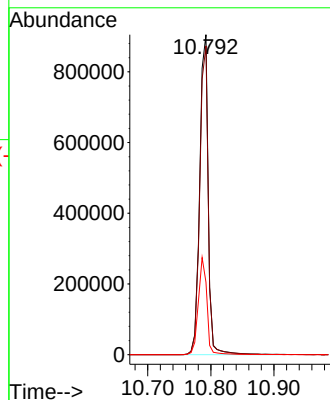
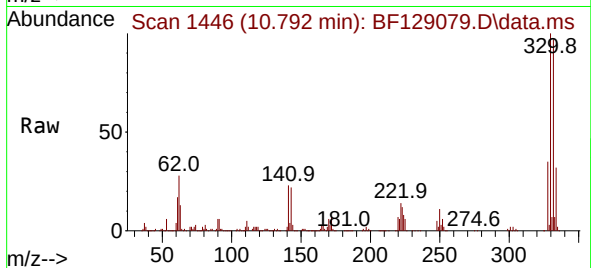
Tgt Ion:330 Resp: 841562

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 30.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.777 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129079.D

Acq: 01 Jul 2022 01:30

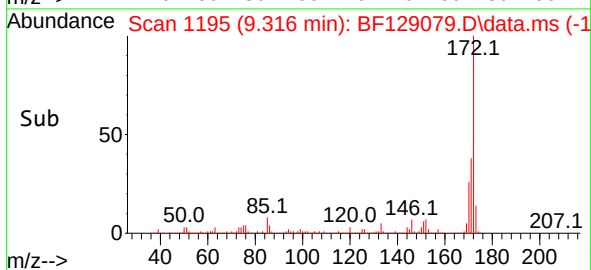
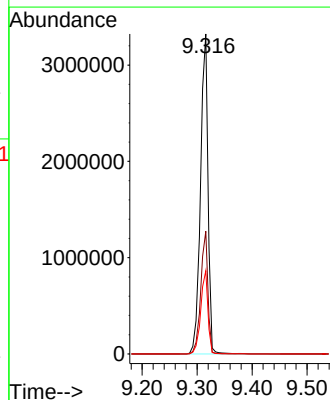
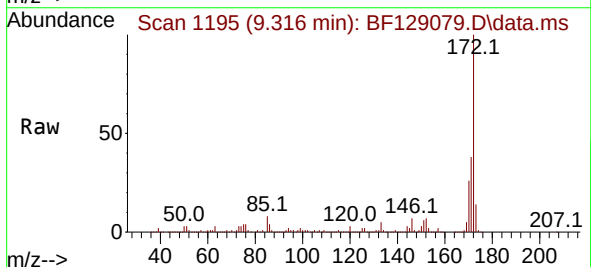
Tgt Ion:172 Resp: 3169581

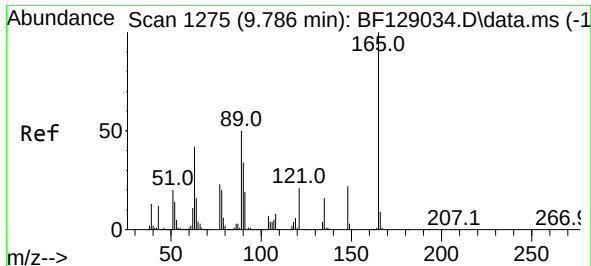
Ion Ratio Lower Upper

172 100

171 38.4 28.8 43.2

170 26.0 19.8 29.8

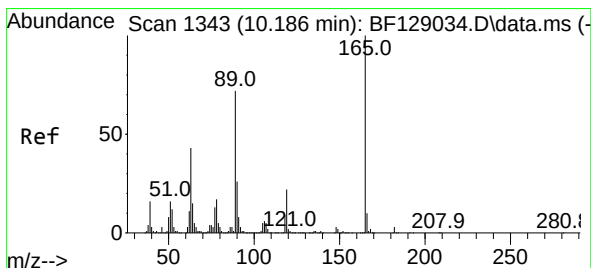
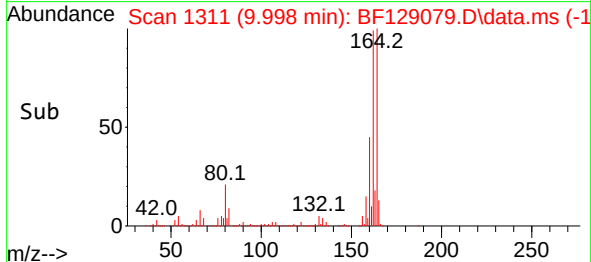
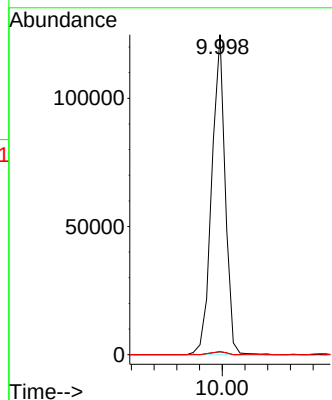
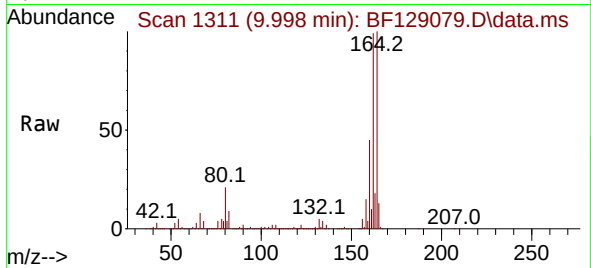




#51
2,6-Dinitrotoluene
Concen: 10.213 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

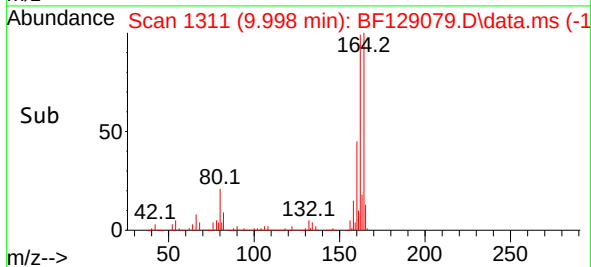
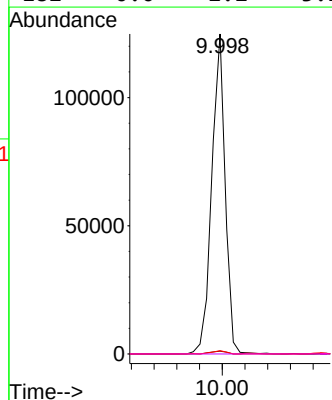
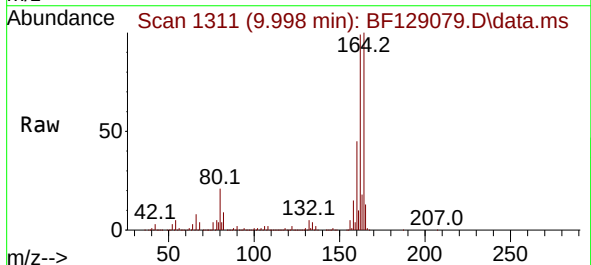
Instrument :
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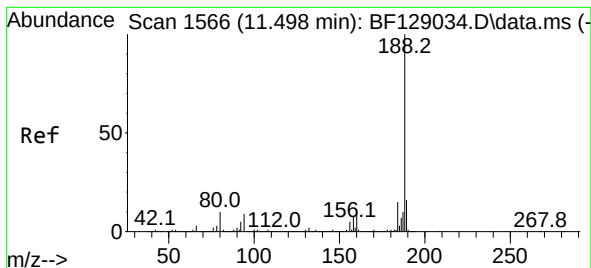
Tgt Ion:165 Resp: 102197
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.272 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

Tgt Ion:165 Resp: 102197
Ion Ratio Lower Upper
165 100
63 0.9 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: BF129079.D

Acq: 01 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

D-43-UC

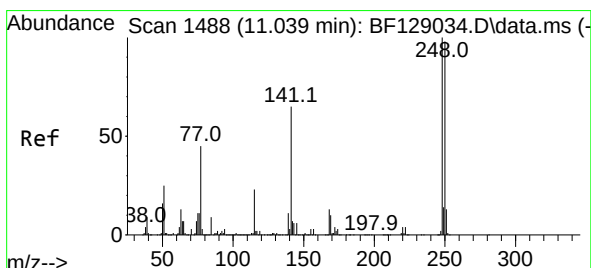
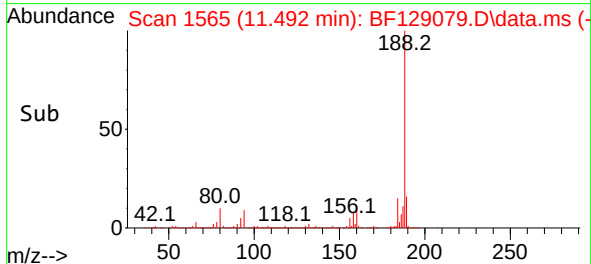
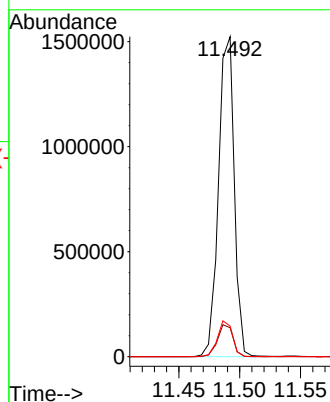
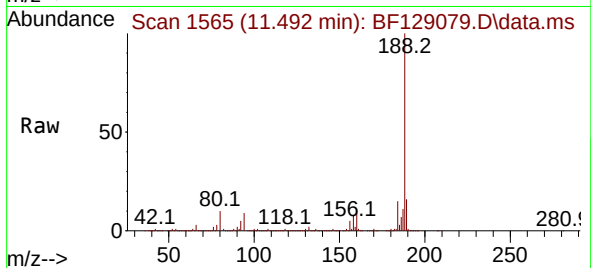
Tgt Ion:188 Resp: 1373343

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.448 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129079.D

Acq: 01 Jul 2022 01:30

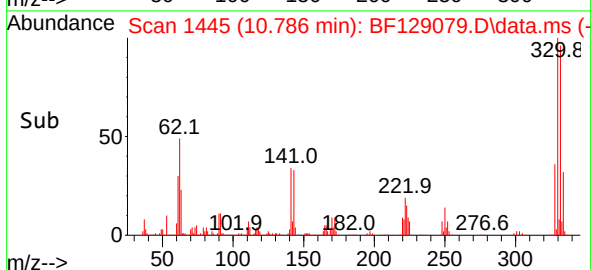
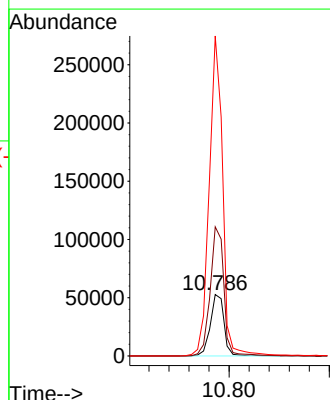
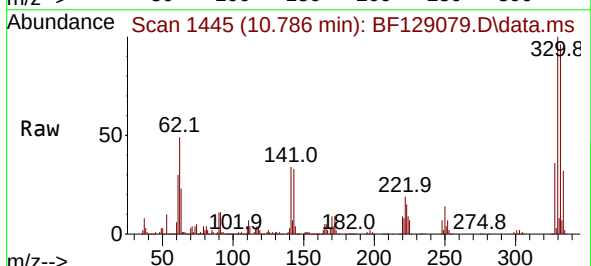
Tgt Ion:248 Resp: 50376

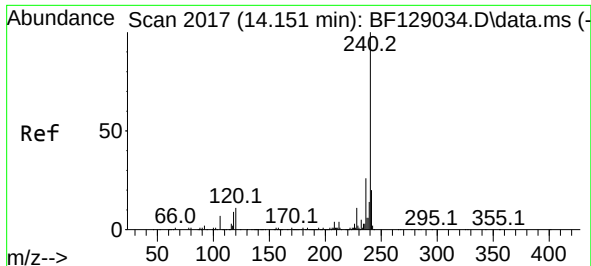
Ion Ratio Lower Upper

248 100

250 210.2 80.6 120.8#

141 520.7 58.9 88.3#

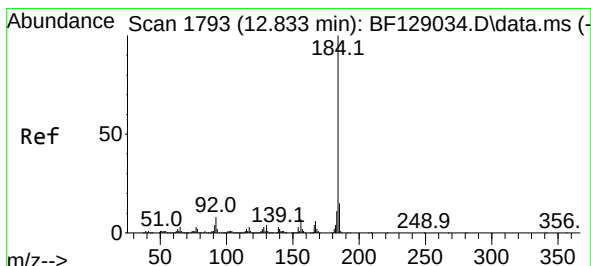
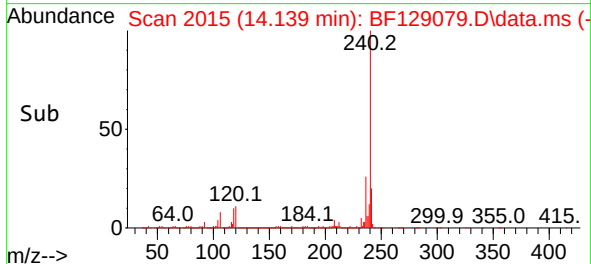
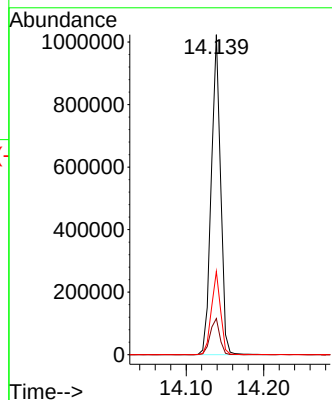
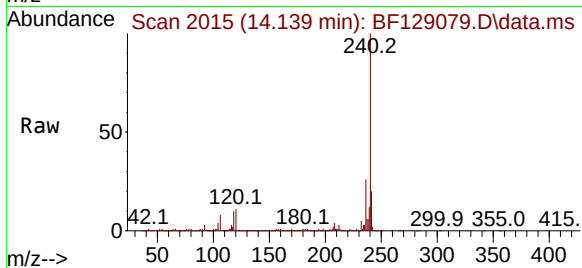




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

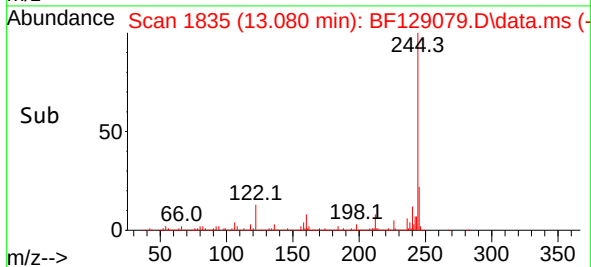
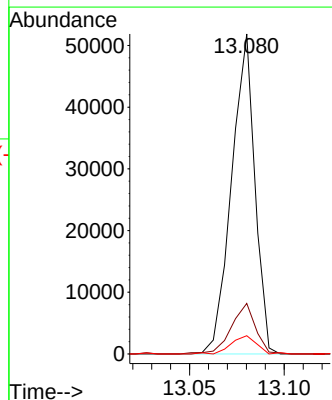
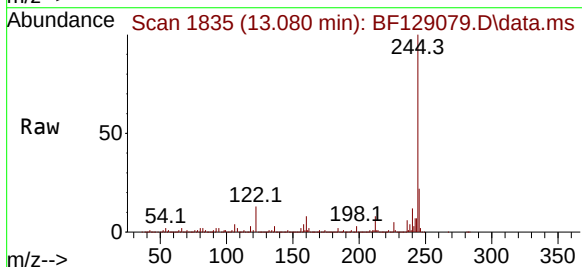
Instrument :
BNA_F
ClientSampleId :
D-43-UC

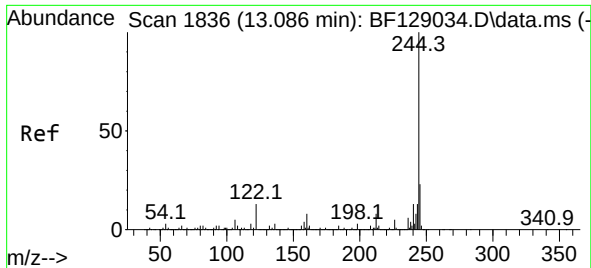
Tgt Ion:240 Resp: 854185
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.922 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129079.D
Acq: 01 Jul 2022 01:30

Tgt Ion:184 Resp: 44448
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 5.7 9.3 13.9#

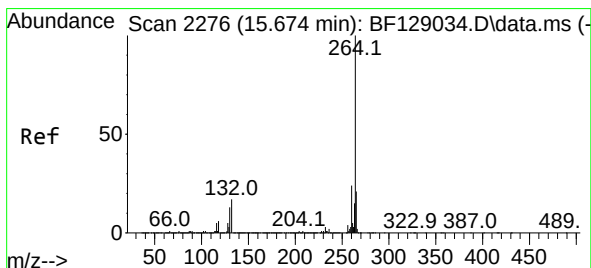
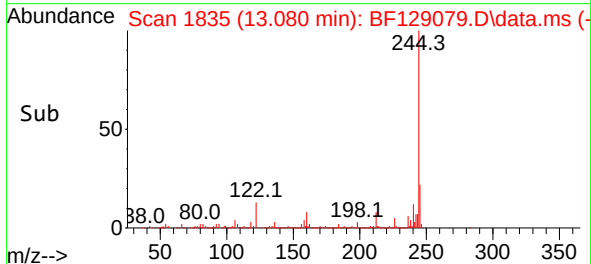
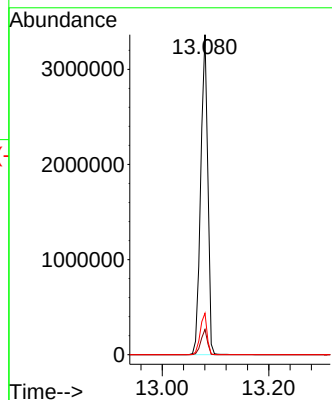
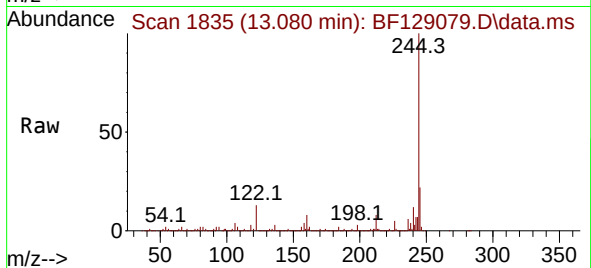




#79
 Terphenyl-d14
 Concen: 75.470 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129079.D
 Acq: 01 Jul 2022 01:30

Instrument :
 BNA_F
 ClientSampleId :
 D-43-UC

Tgt Ion:244 Resp: 3104320
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 12.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129079.D
 Acq: 01 Jul 2022 01:30

Tgt Ion:264 Resp: 747685
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.7 17.2 25.8

