

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129071.D
 Acq On : 30 Jun 2022 21:30
 Operator : CG\JU
 Sample : N3502-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-43-LC

Quant Time: Jul 01 05:44:38 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)

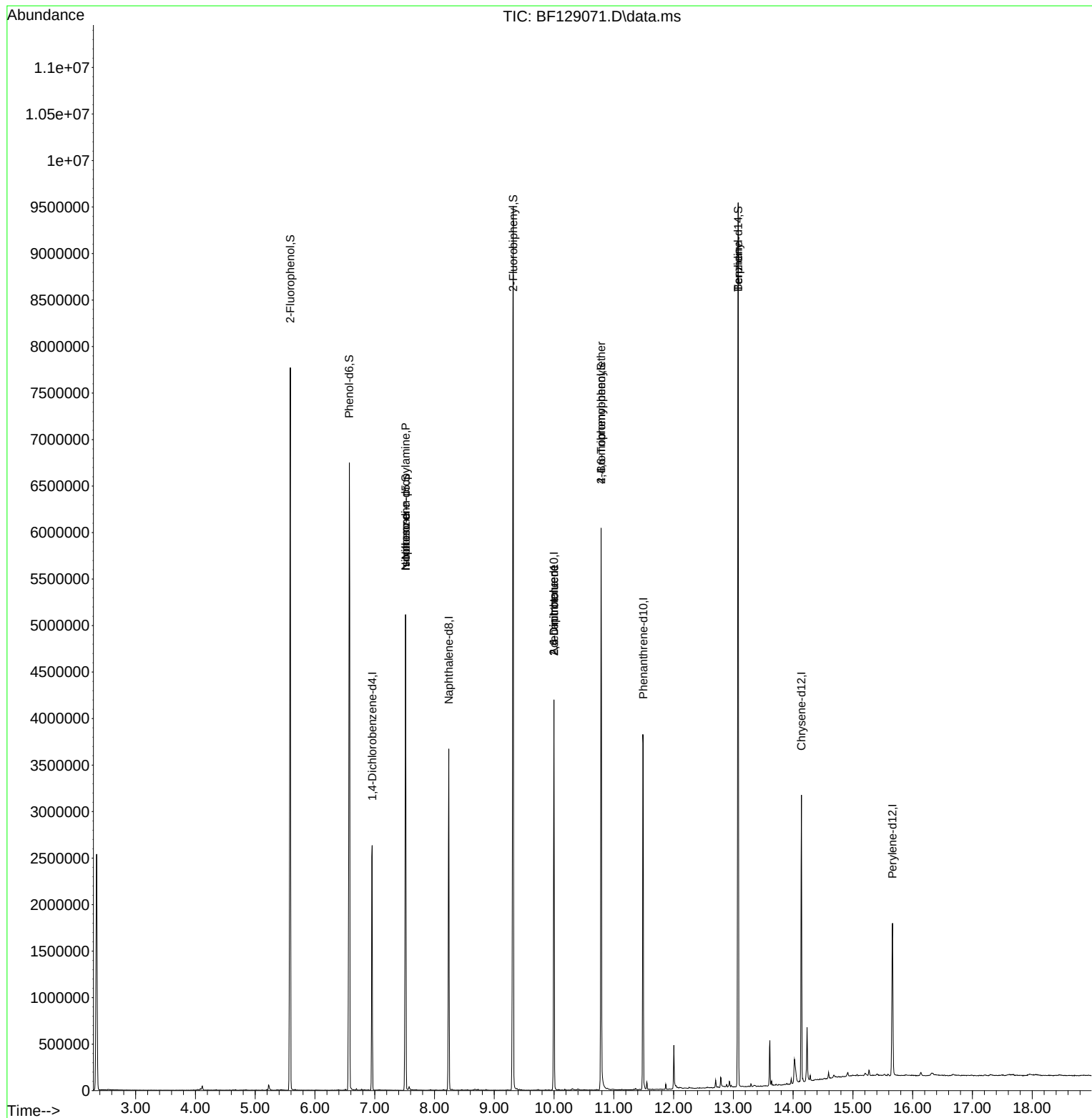
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	413378	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1554136	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	810532	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1449687	20.000	ng	0.00
76) Chrysene-d12	14.139	240	973129	20.000	ng	-0.01
86) Perylene-d12	15.663	264	768925	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2202580	90.081	ng	0.00
7) Phenol-d6	6.575	99	2737793	90.155	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1671081	64.135	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	775174	87.955	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	3025320	59.712	ng	0.00
79) Terphenyl-d14	13.080	244	3133497	66.868	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	369	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.516	70	221221	12.593	ng	# 73
25) Isophorone	7.516	82	1607825	36.512	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	103887	10.026	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	103887	8.121	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	47347	3.070	ng	# 1
77) Benizidine	13.080	184	44307	2.557	ng	# 91

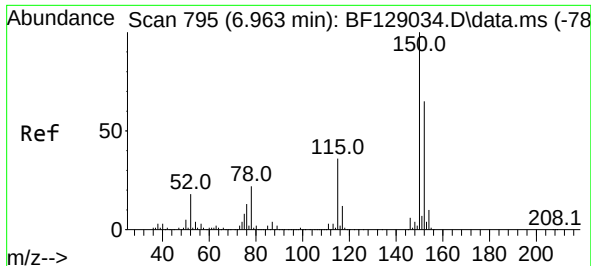
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129071.D
Acq On : 30 Jun 2022 21:30
Operator : CG\JU
Sample : N3502-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-43-LC

Quant Time: Jul 01 05:44:38 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

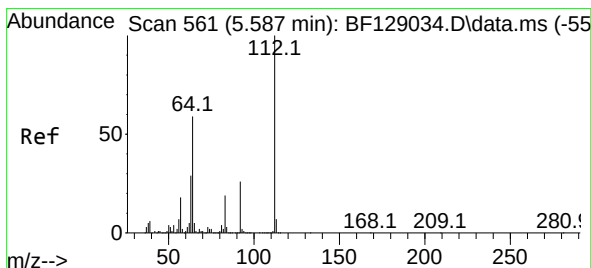
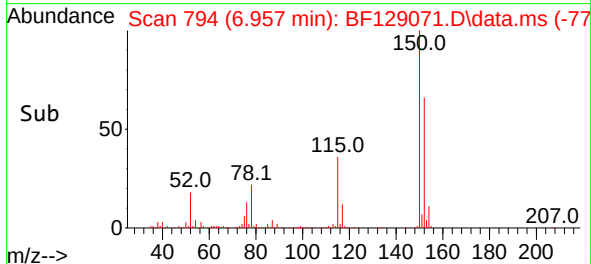
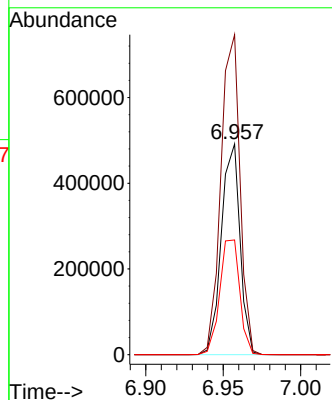
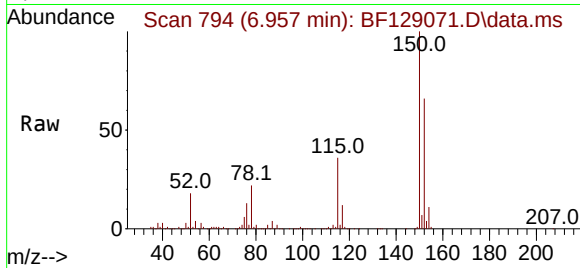




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129071.D
 Acq: 30 Jun 2022 21:30

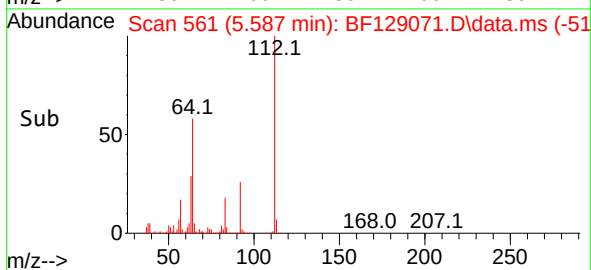
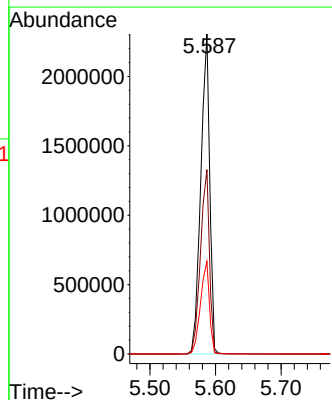
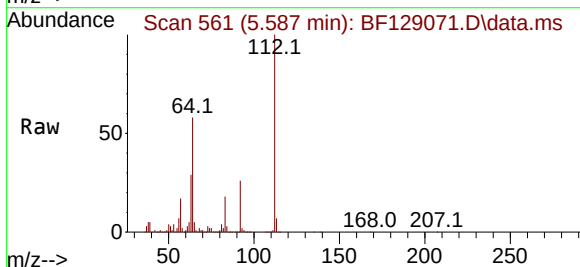
Instrument :
 BNA_F
 ClientSampleId :
 D-43-LC

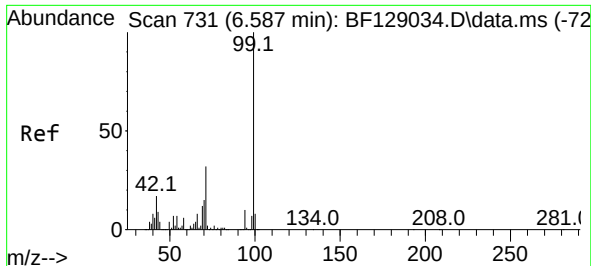
Tgt Ion:152 Resp: 413378
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.7 185.5
 115 54.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 90.081 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF129071.D
 Acq: 30 Jun 2022 21:30

Tgt Ion:112 Resp: 2202580
 Ion Ratio Lower Upper
 112 100
 64 57.6 53.3 79.9
 63 28.9 28.0 42.0

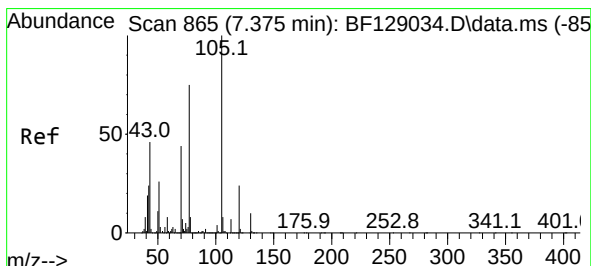
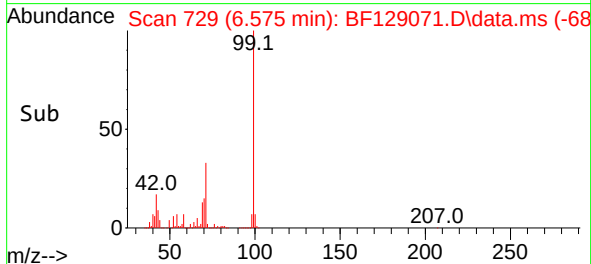
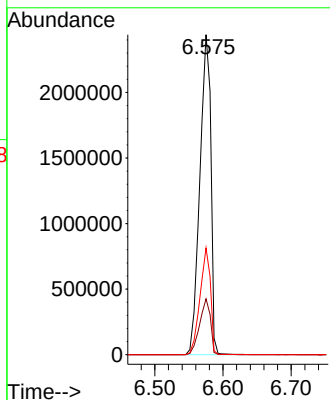
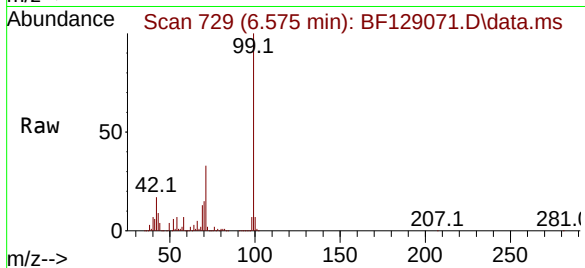




#7
Phenol-d6
Concen: 90.155 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

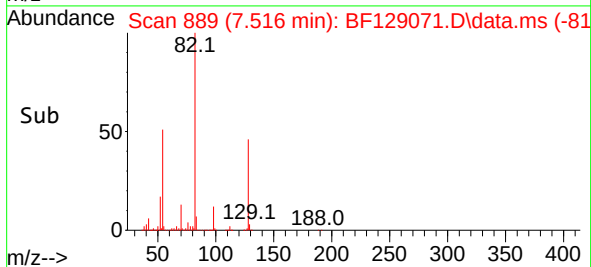
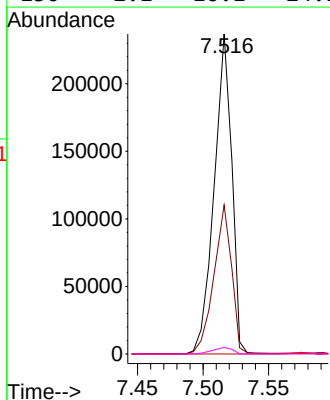
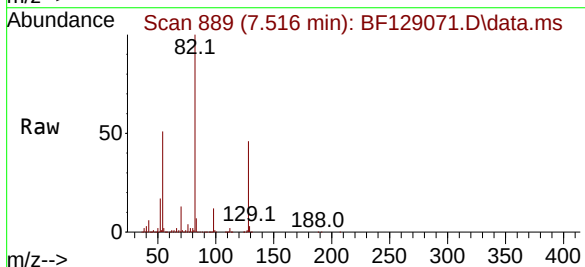
Instrument :
BNA_F
ClientSampleId :
D-43-LC

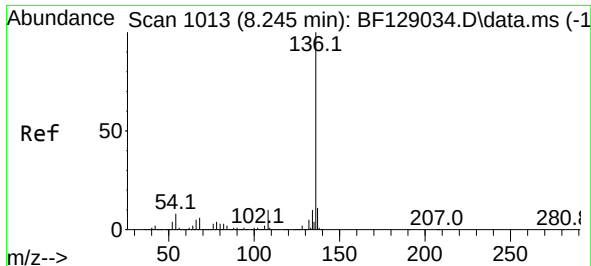
Tgt Ion: 99 Resp: 2737793
Ion Ratio Lower Upper
99 100
42 17.4 17.3 25.9
71 33.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.593 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

Tgt Ion: 70 Resp: 221221
Ion Ratio Lower Upper
70 100
42 46.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

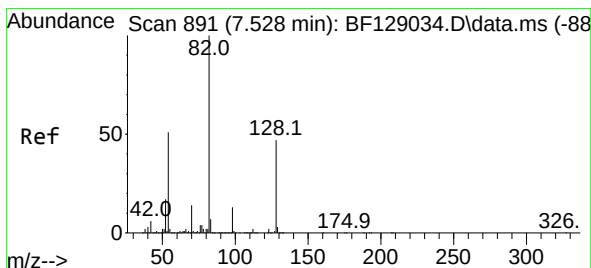
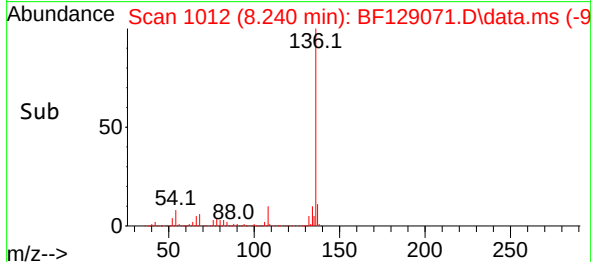
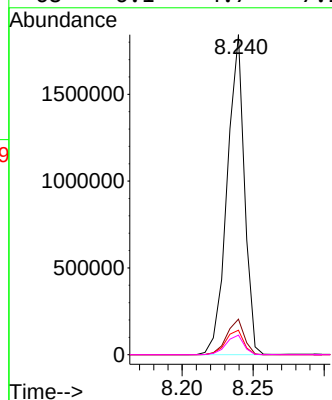
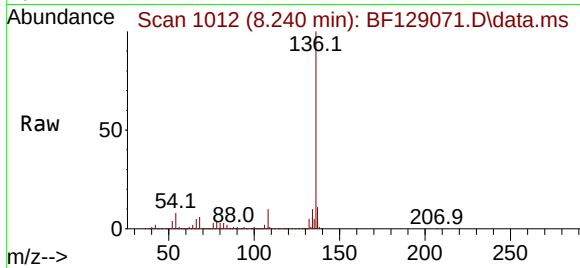




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

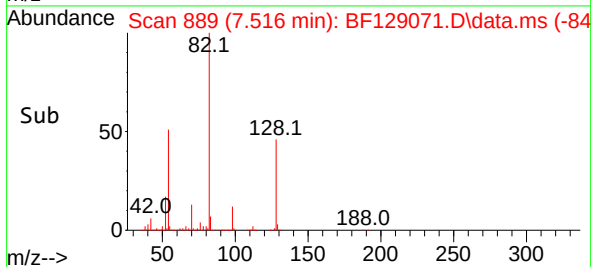
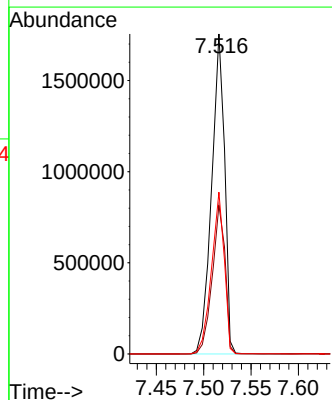
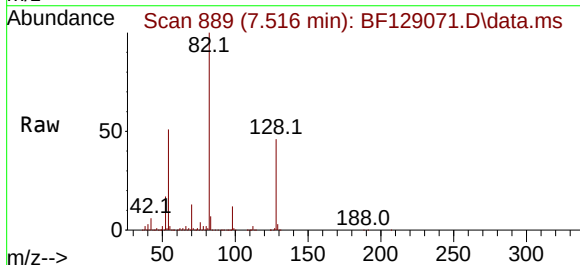
Instrument :
BNA_F
ClientSampleId :
D-43-LC

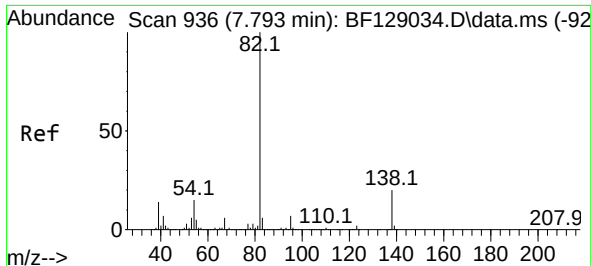
Tgt Ion:136 Resp: 1554136
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 64.135 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

Tgt Ion: 82 Resp: 1671081
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 50.5 46.9 70.3

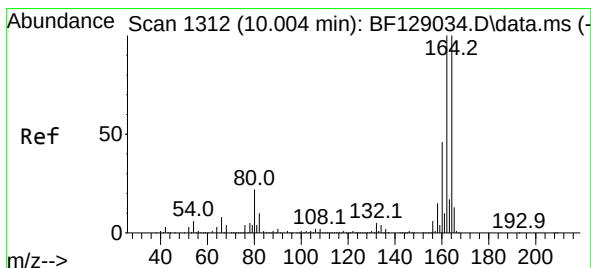
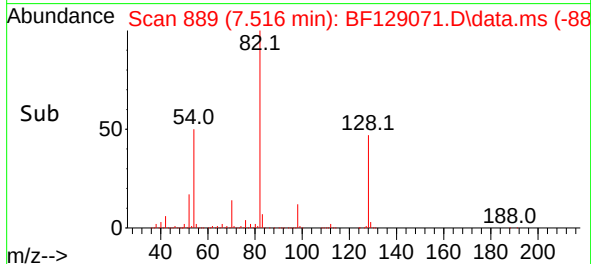
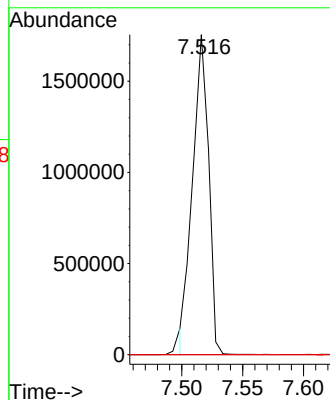
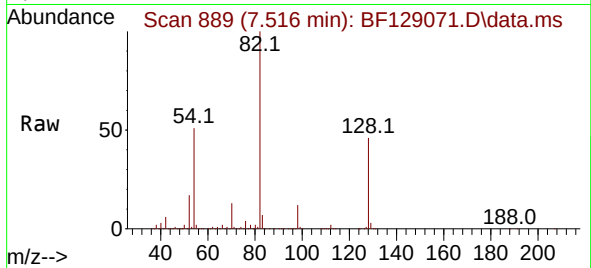




#25
Isophorone
Concen: 36.512 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

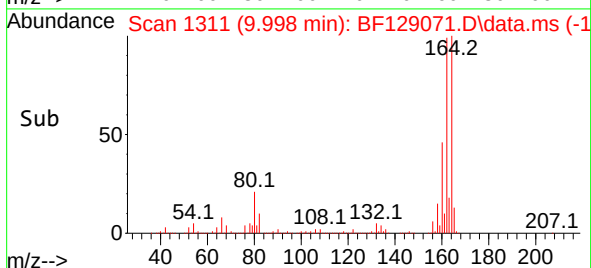
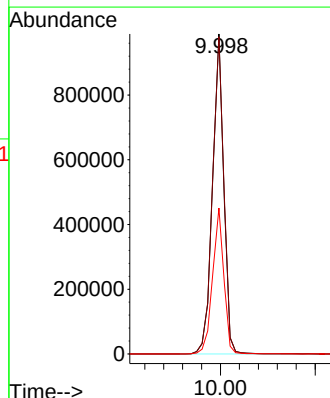
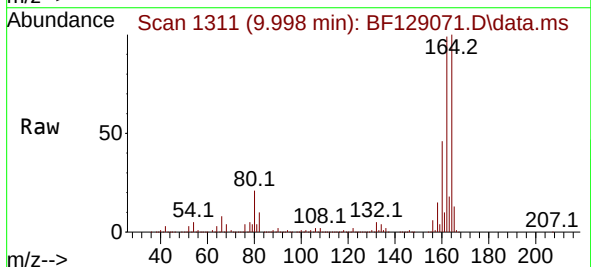
Instrument :
BNA_F
ClientSampleId :
D-43-LC

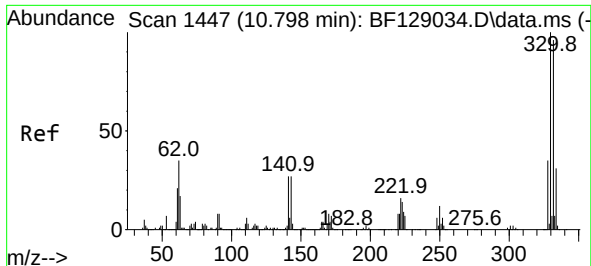
Tgt Ion: 82 Resp: 1607825
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

Tgt Ion:164 Resp: 810532
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 45.6 34.2 51.4

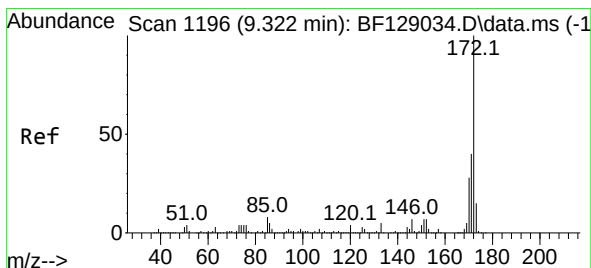
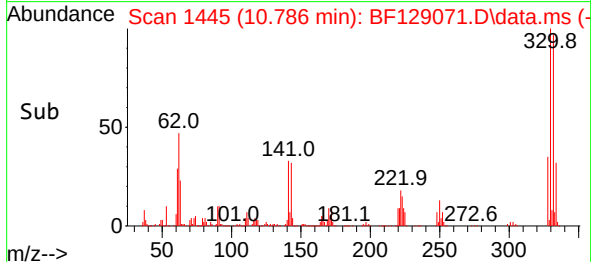
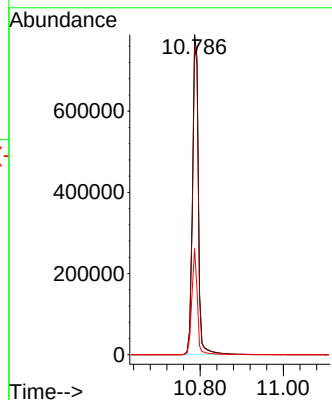
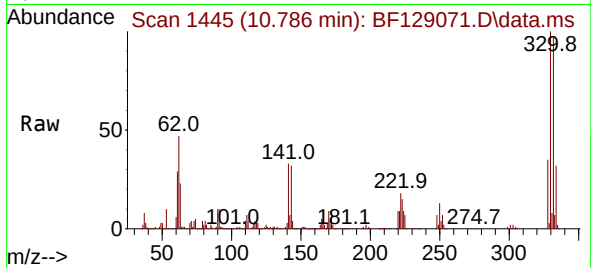




#42
2,4,6-Tribromophenol
Concen: 87.955 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

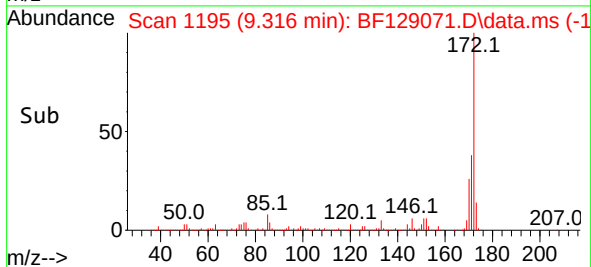
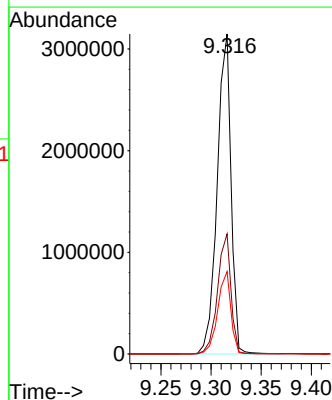
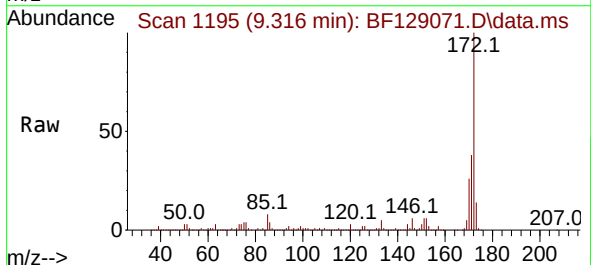
Instrument :
BNA_F
ClientSampleId :
D-43-LC

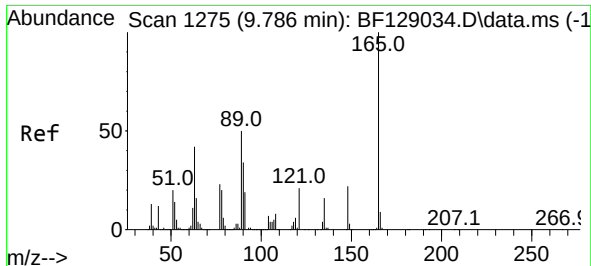
Tgt Ion:330 Resp: 775174
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 31.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 59.712 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

Tgt Ion:172 Resp: 3025320
Ion Ratio Lower Upper
172 100
171 37.5 28.8 43.2
170 25.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.026 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129071.D

Acq: 30 Jun 2022 21:30

Instrument :

BNA_F

ClientSampleId :

D-43-LC

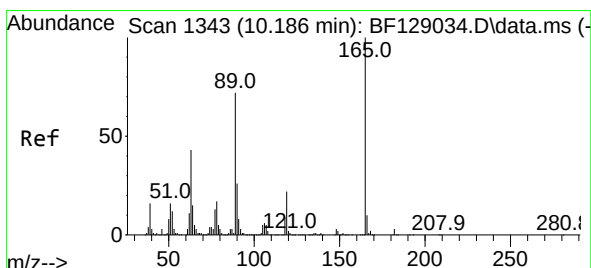
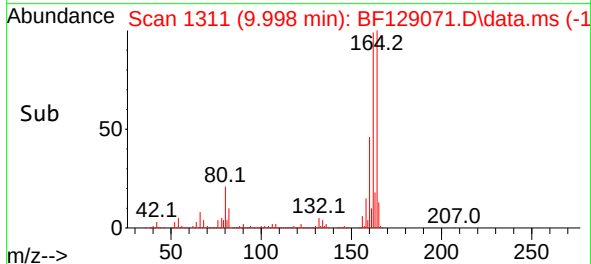
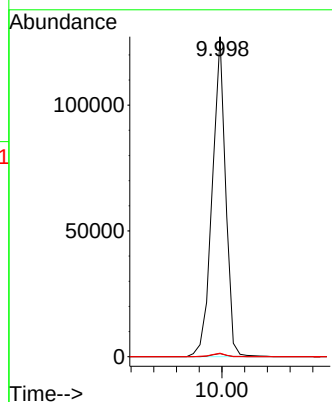
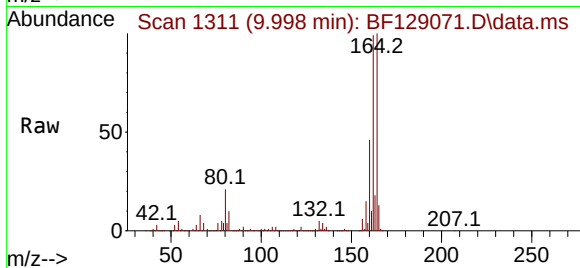
Tgt Ion:165 Resp: 103887

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: 8.121 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129071.D

Acq: 30 Jun 2022 21:30

Tgt Ion:165 Resp: 103887

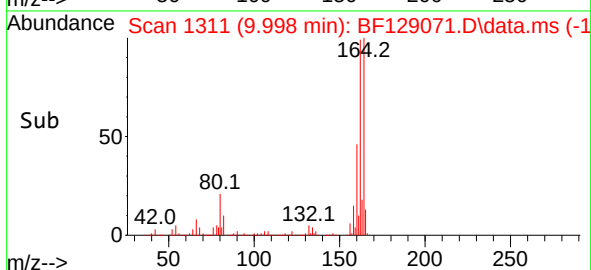
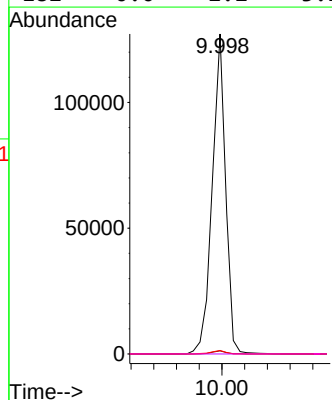
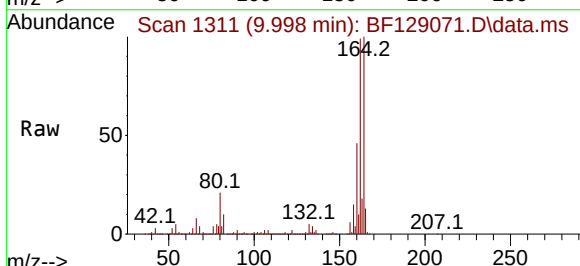
Ion Ratio Lower Upper

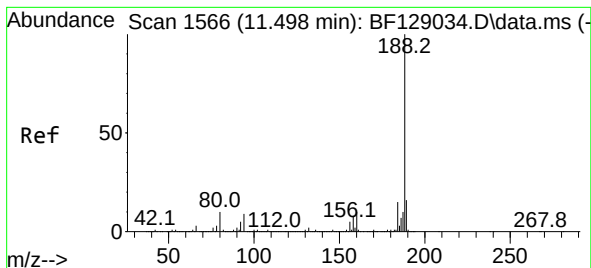
165 100

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: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129071.D

Acq: 30 Jun 2022 21:30

Instrument :

BNA_F

ClientSampleId :

D-43-LC

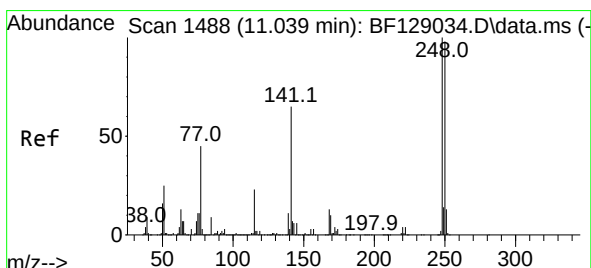
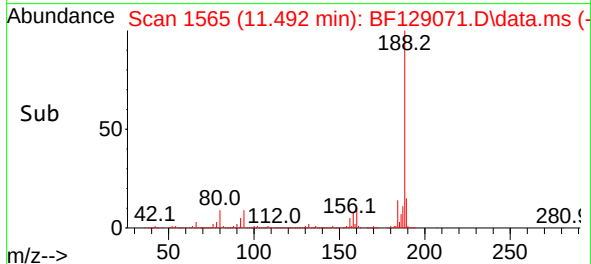
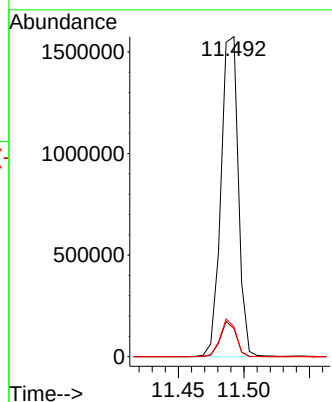
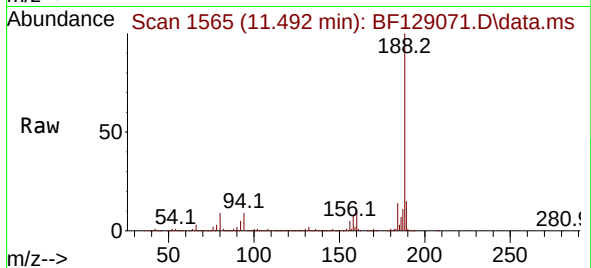
Tgt Ion:188 Resp: 1449687

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.070 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129071.D

Acq: 30 Jun 2022 21:30

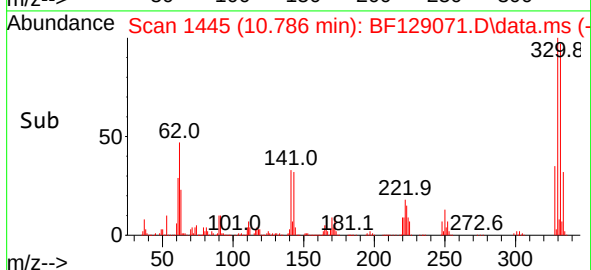
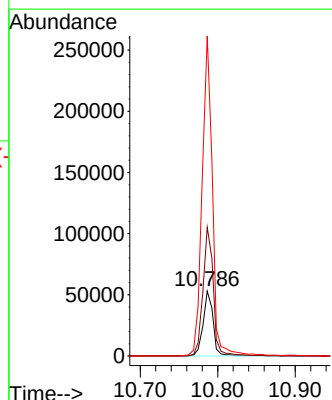
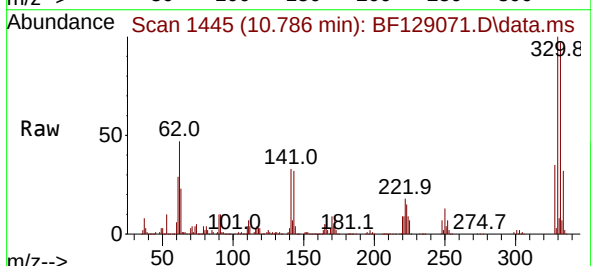
Tgt Ion:248 Resp: 47347

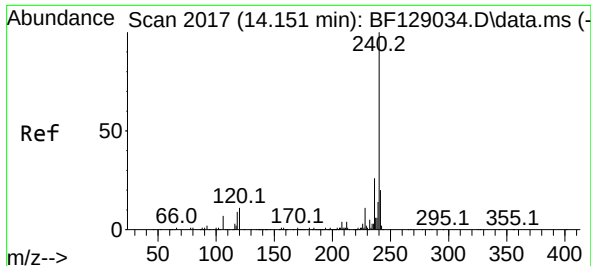
Ion Ratio Lower Upper

248 100

250 198.6 80.6 120.8#

141 494.0 58.9 88.3#

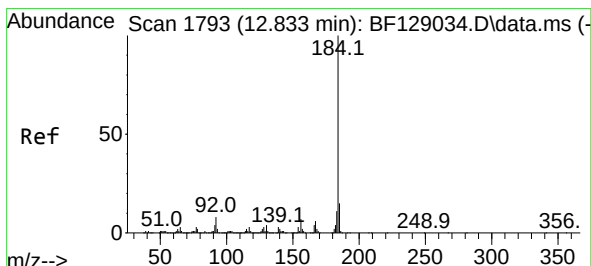
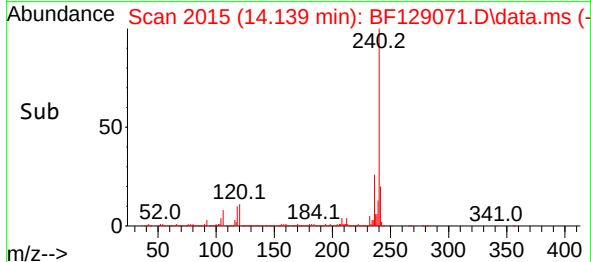
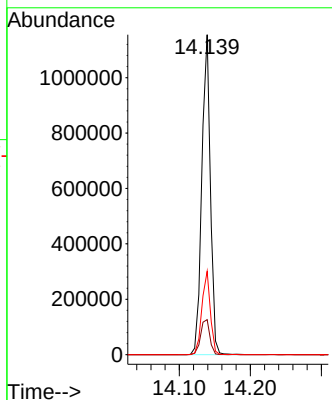
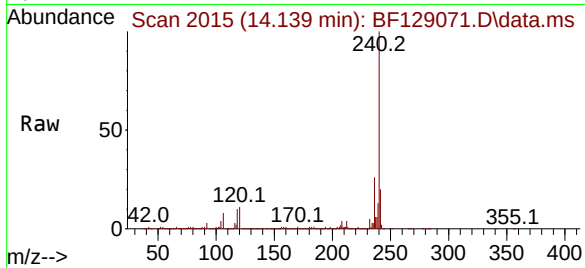




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

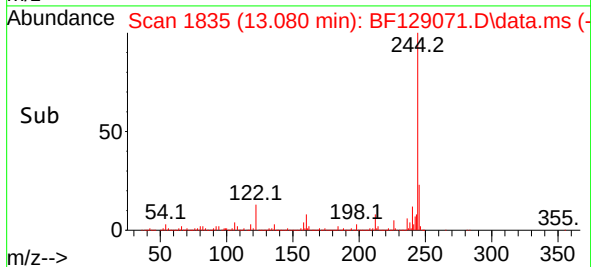
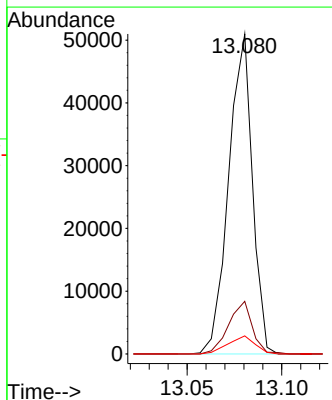
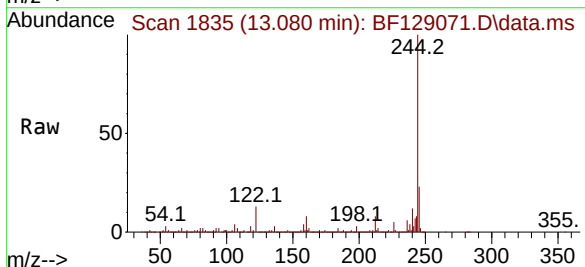
Instrument :
BNA_F
ClientSampleId :
D-43-LC

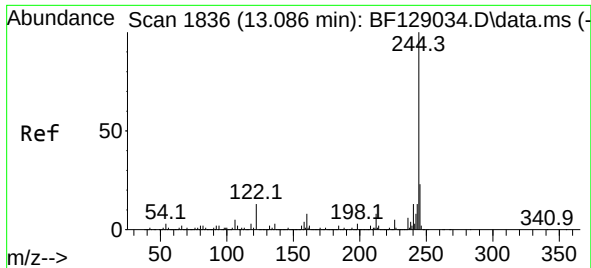
Tgt Ion:240 Resp: 973129
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 2.557 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129071.D
Acq: 30 Jun 2022 21:30

Tgt Ion:184 Resp: 44307
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 5.7 9.3 13.9#

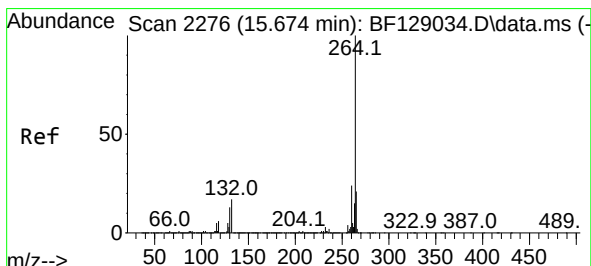
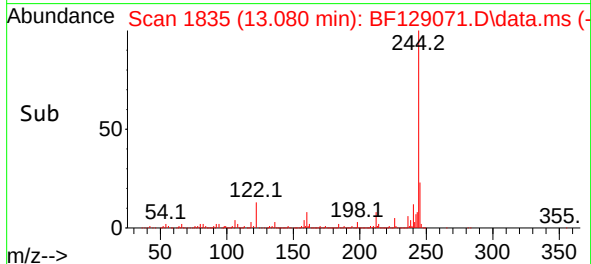
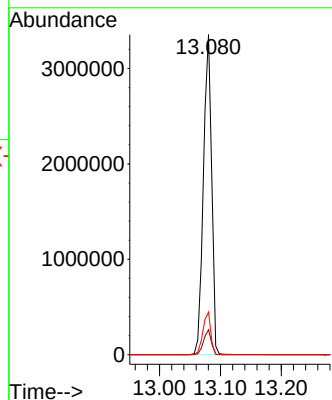
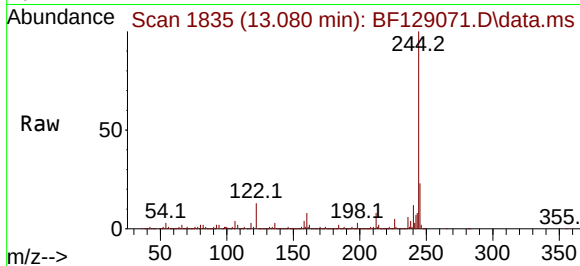




#79
 Terphenyl-d14
 Concen: 66.868 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129071.D
 Acq: 30 Jun 2022 21:30

Instrument :
 BNA_F
 ClientSampleId :
 D-43-LC

Tgt Ion:244 Resp: 3133497
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 13.3 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: BF129071.D
 Acq: 30 Jun 2022 21:30

Tgt Ion:264 Resp: 768925
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.8 17.2 25.8

