

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129078.D
 Acq On : 01 Jul 2022 01:00
 Operator : CG\JU
 Sample : N3502-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-42-LC

Quant Time: Jul 01 05:45:37 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)

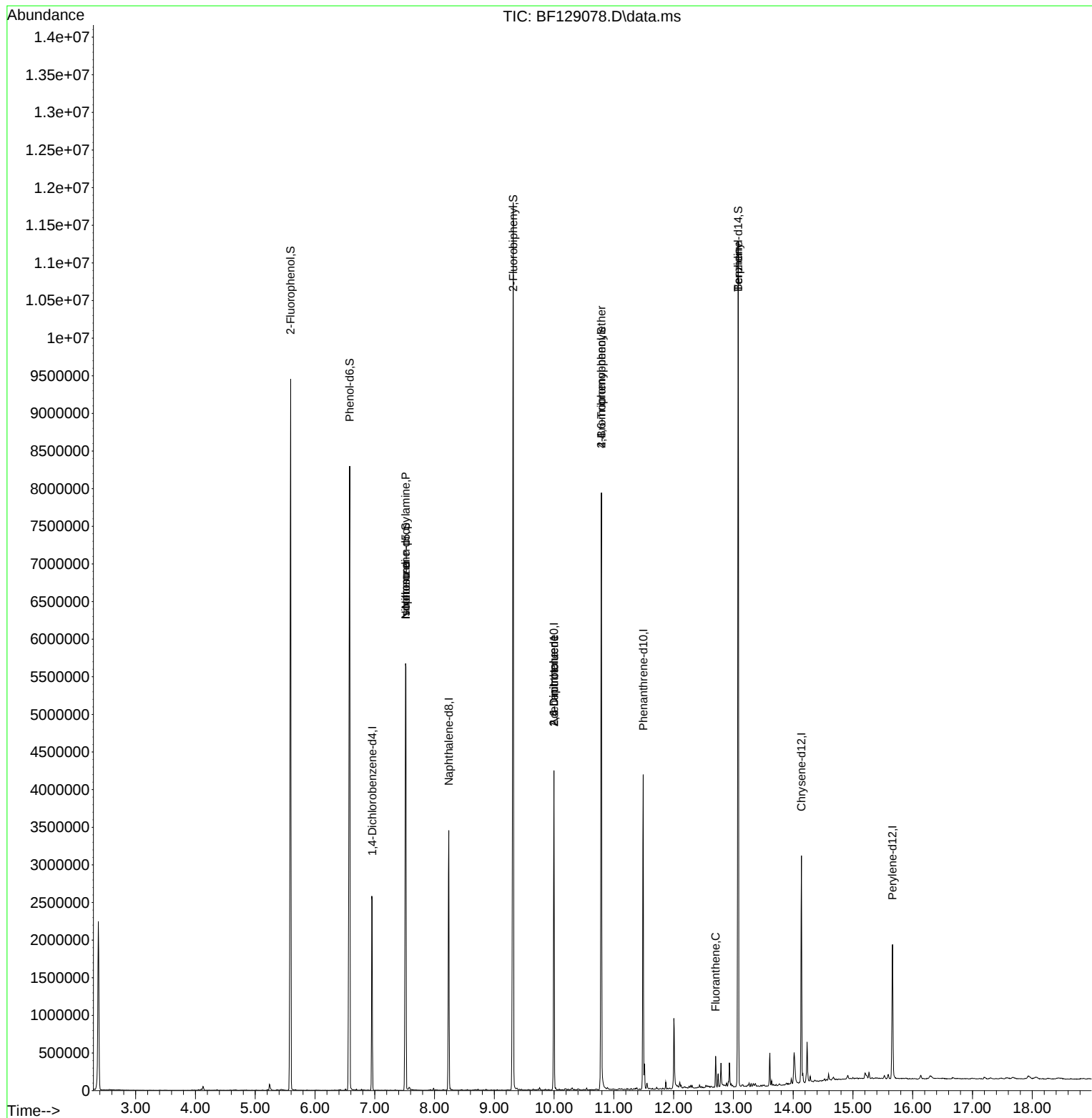
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	416322	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1584535	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	831505	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1458817	20.000	ng	0.00
76) Chrysene-d12	14.139	240	948775	20.000	ng	-0.01
86) Perylene-d12	15.662	264	791481	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2869024	116.508	ng	0.00
7) Phenol-d6	6.581	99	3588644	117.338	ng	0.00
23) Nitrobenzene-d5	7.516	82	2252836	84.803	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	1105266	122.245	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3860442	74.274	ng	0.00
79) Terphenyl-d14	13.080	244	3858247	84.447	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	573	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.516	70	301856	17.062	ng	# 71
25) Isophorone	7.516	82	2165832	48.240	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	108192	10.178	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	108192	8.245	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	66492	4.285	ng	# 1
75) Fluoranthene	12.704	202	147714	2.026	ng	99
77) Benzidine	13.080	184	55239	3.270	ng	# 91

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

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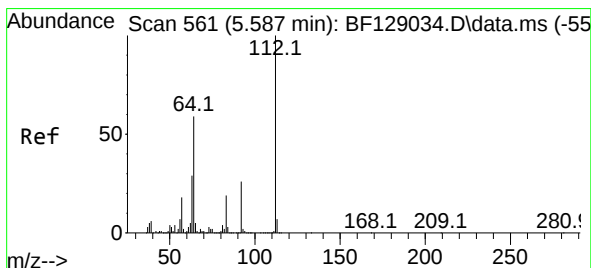
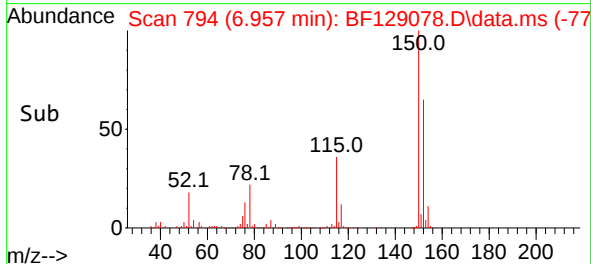
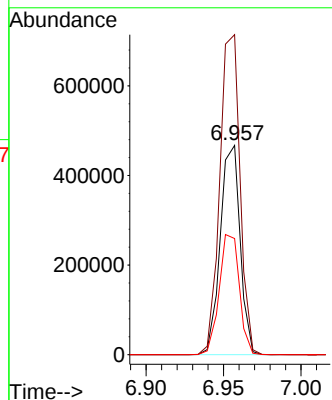
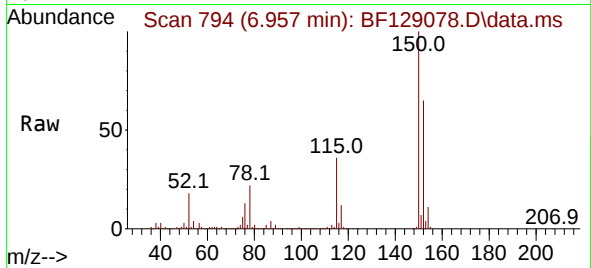




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

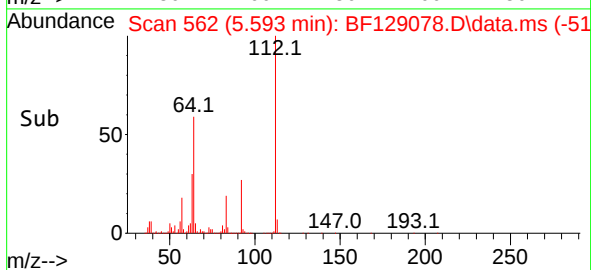
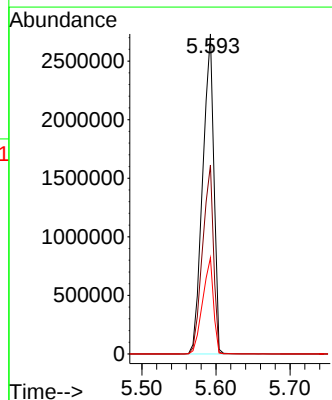
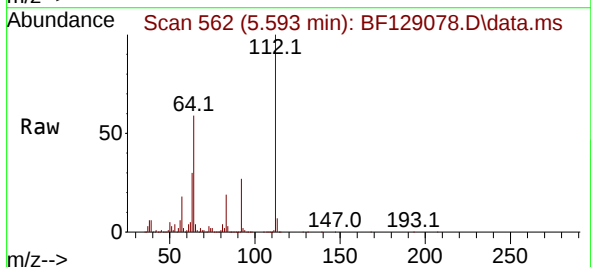
Instrument :
BNA_F
ClientSampleId :
D-42-LC

Tgt Ion:152 Resp: 416322
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 55.5 49.9 74.9



#5
2-Fluorophenol
Concen: 116.508 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

Tgt Ion:112 Resp: 2869024
Ion Ratio Lower Upper
112 100
64 59.1 53.3 79.9
63 30.1 28.0 42.0

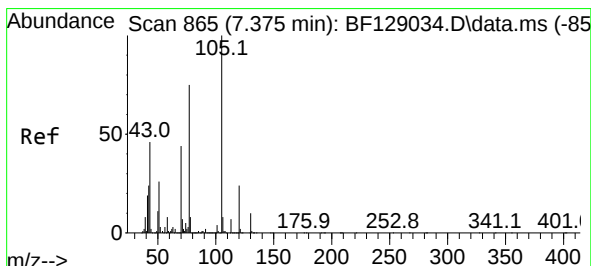
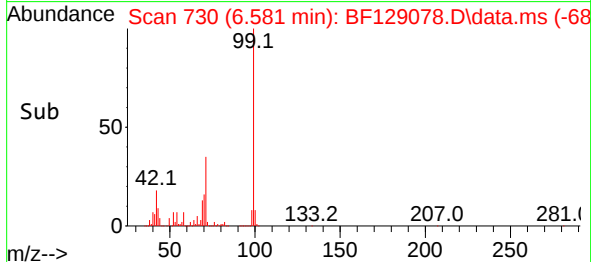
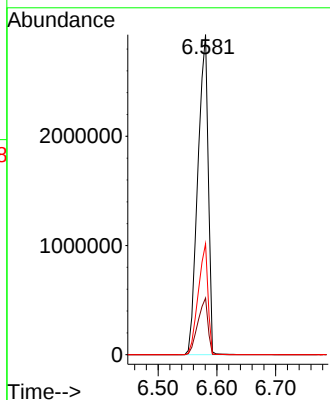
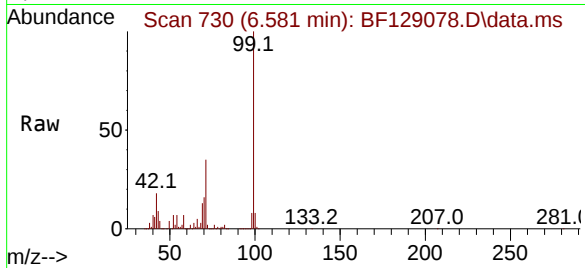




#7
Phenol-d6
Concen: 117.338 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

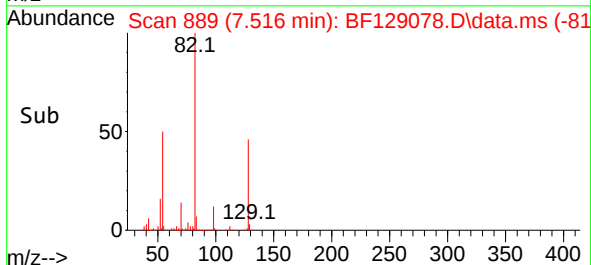
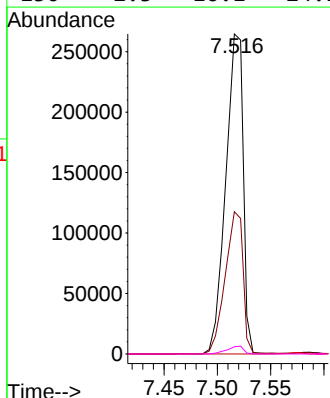
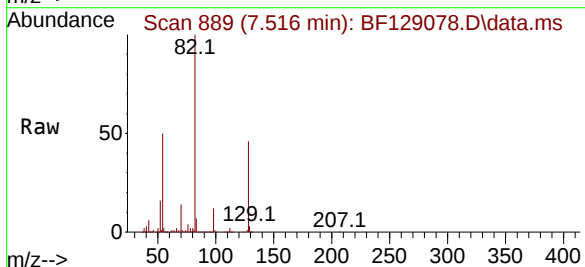
Instrument :
BNA_F
ClientSampleId :
D-42-LC

Tgt Ion: 99 Resp: 3588644
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.062 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

Tgt Ion: 70 Resp: 301856
Ion Ratio Lower Upper
70 100
42 44.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

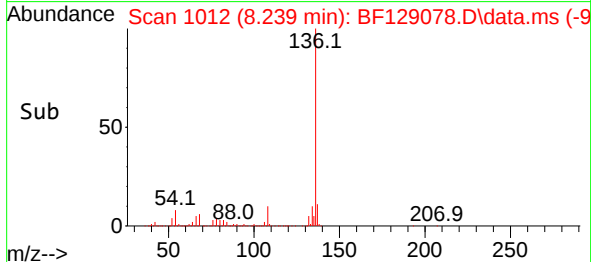
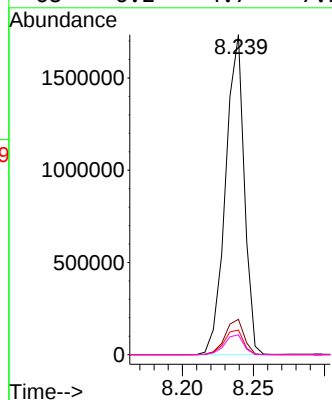
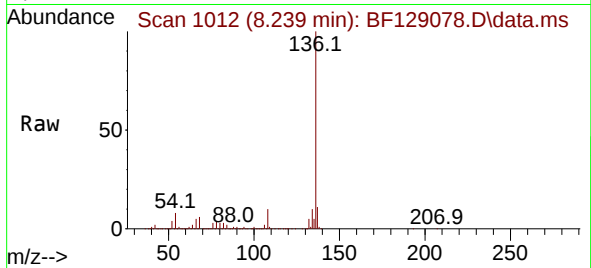




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

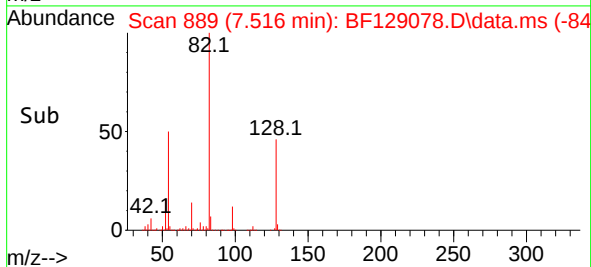
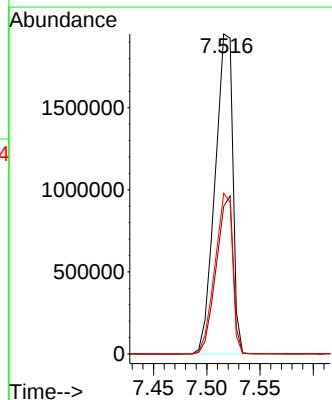
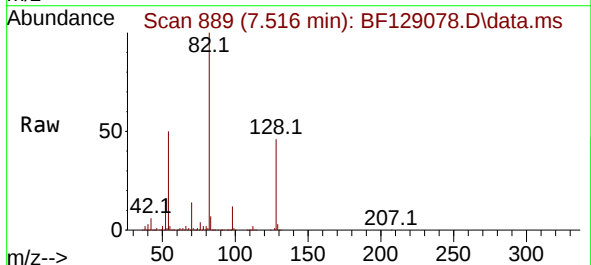
Instrument :
BNA_F
ClientSampleId :
D-42-LC

Tgt Ion:136 Resp: 1584535
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.803 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

Tgt Ion: 82 Resp: 2252836
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 50.2 46.9 70.3

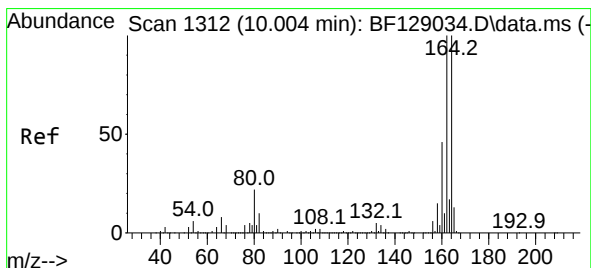
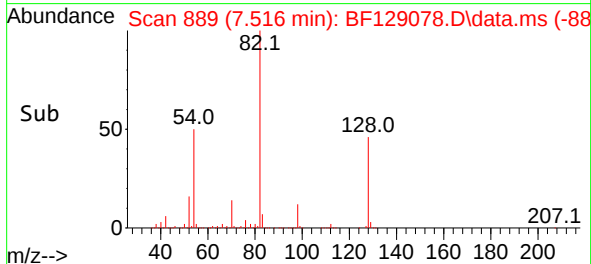
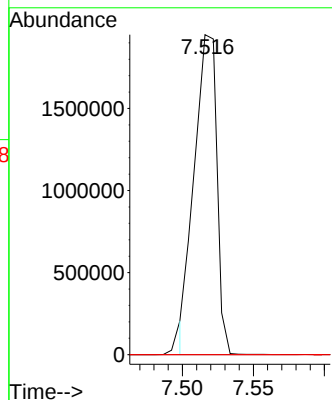
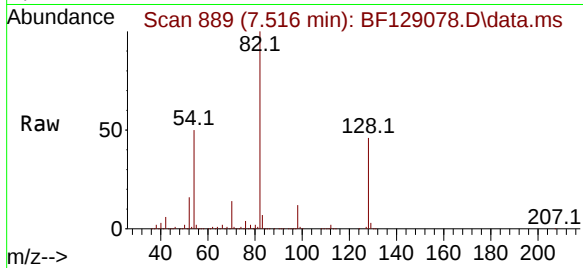




#25
Isophorone
Concen: 48.240 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

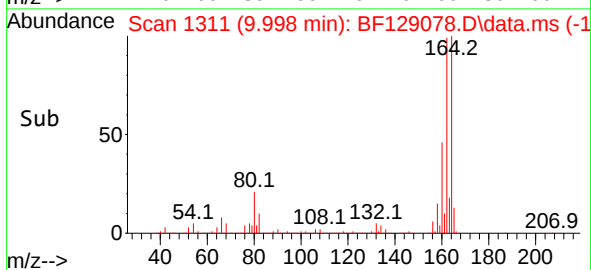
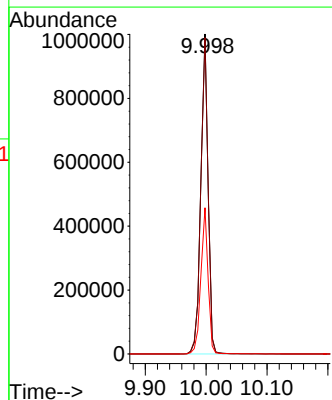
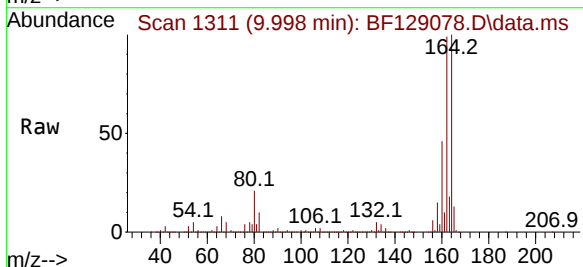
Instrument :
BNA_F
ClientSampleId :
D-42-LC

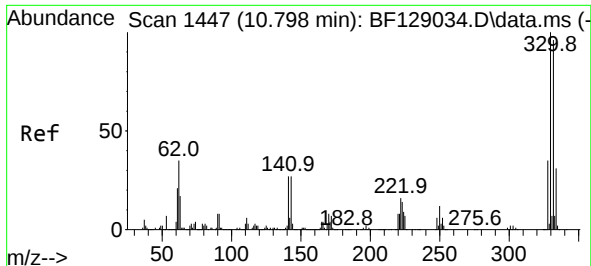
Tgt Ion: 82 Resp: 2165832
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

Tgt Ion:164 Resp: 831505
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 122.245 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129078.D

Acq: 01 Jul 2022 01:00

Instrument :

BNA_F

ClientSampleId :

D-42-LC

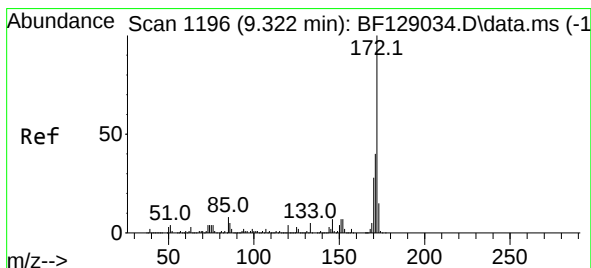
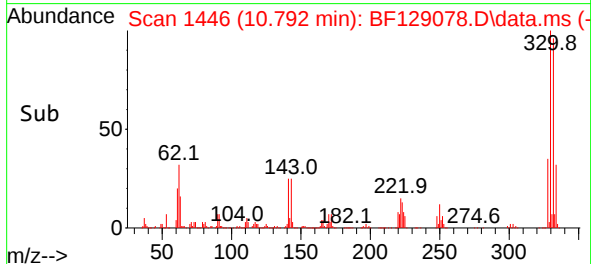
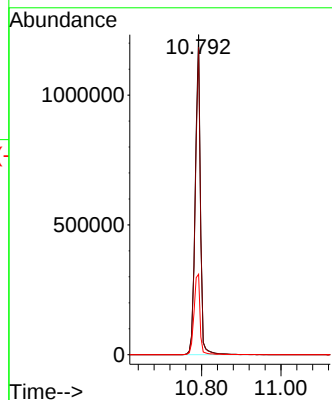
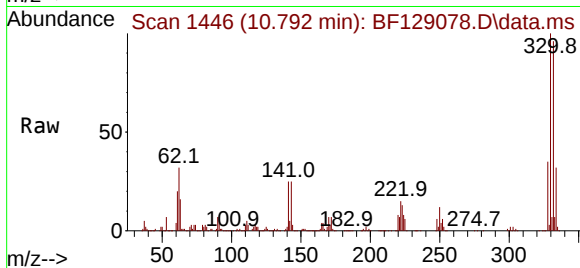
Tgt Ion:330 Resp: 1105266

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 29.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.274 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129078.D

Acq: 01 Jul 2022 01:00

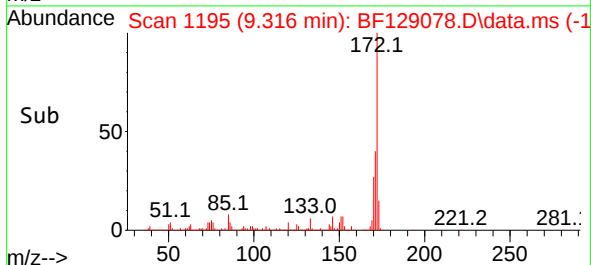
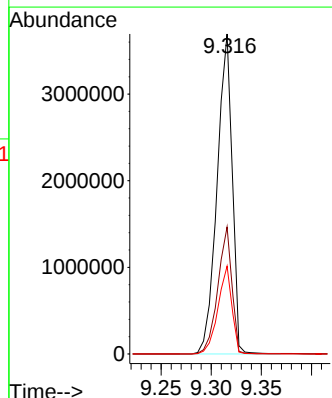
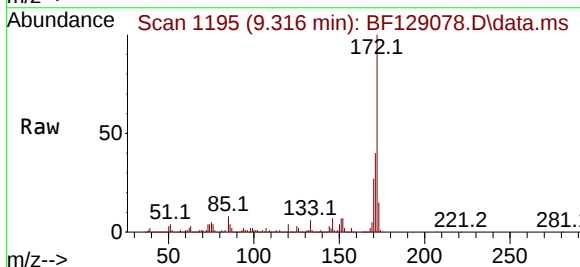
Tgt Ion:172 Resp: 3860442

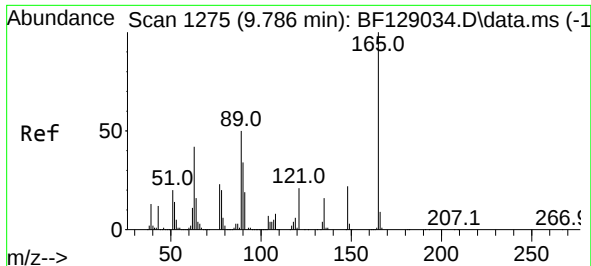
Ion Ratio Lower Upper

172 100

171 39.7 28.8 43.2

170 27.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.178 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129078.D

Acq: 01 Jul 2022 01:00

Instrument :

BNA_F

ClientSampleId :

D-42-LC

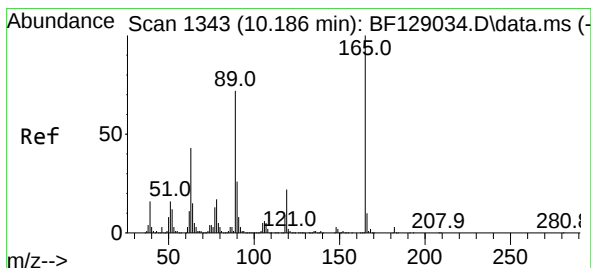
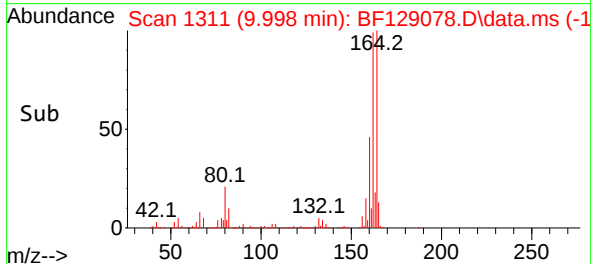
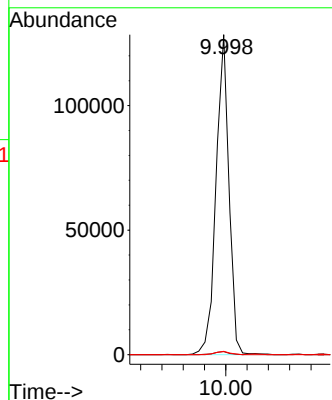
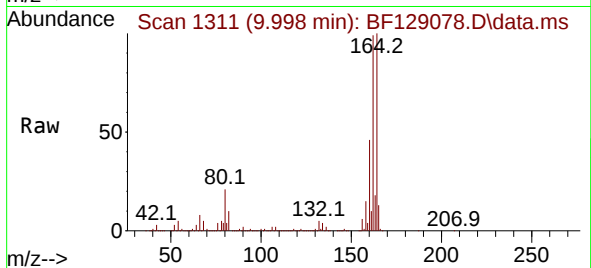
Tgt Ion:165 Resp: 108192

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.245 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129078.D

Acq: 01 Jul 2022 01:00

Tgt Ion:165 Resp: 108192

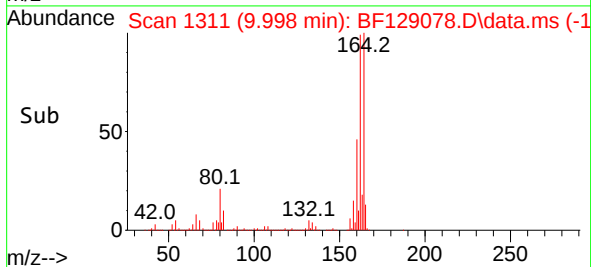
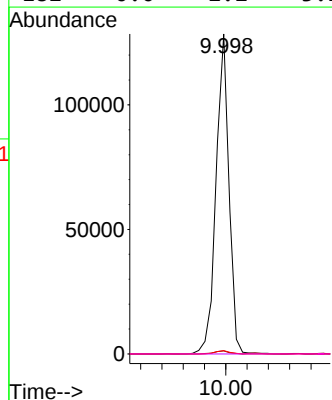
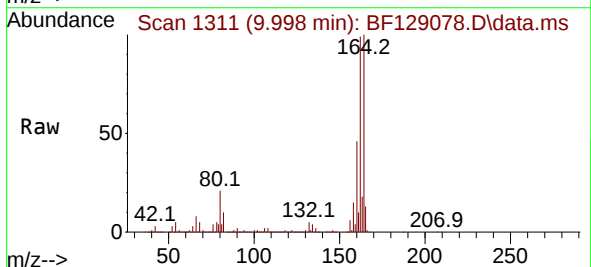
Ion Ratio Lower Upper

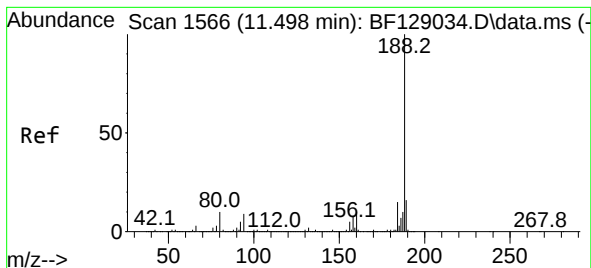
165 100

63 1.0 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129078.D

Acq: 01 Jul 2022 01:00

Instrument :

BNA_F

ClientSampleId :

D-42-LC

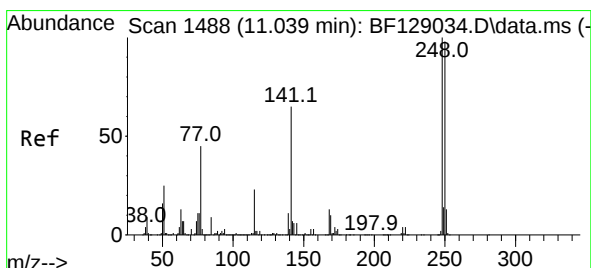
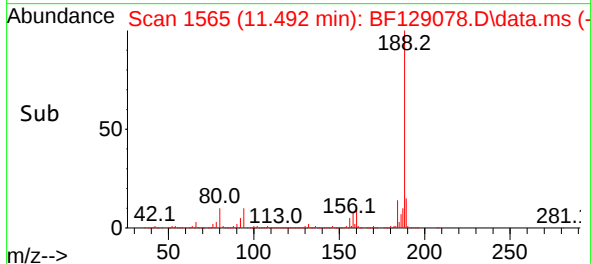
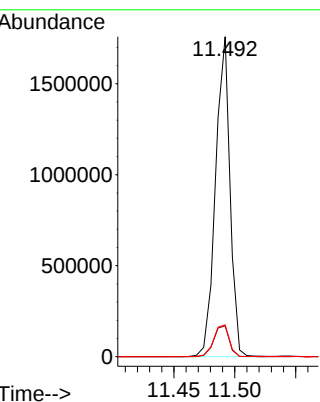
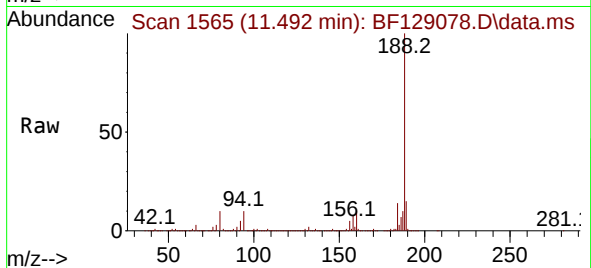
Tgt Ion:188 Resp: 1458817

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.285 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129078.D

Acq: 01 Jul 2022 01:00

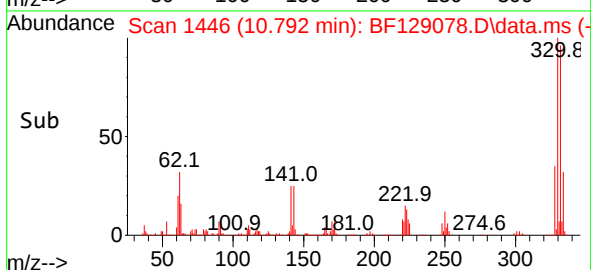
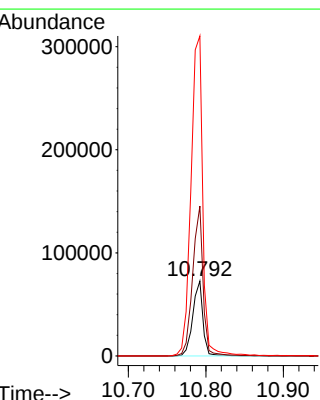
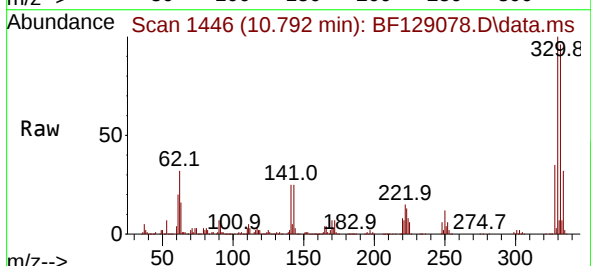
Tgt Ion:248 Resp: 66492

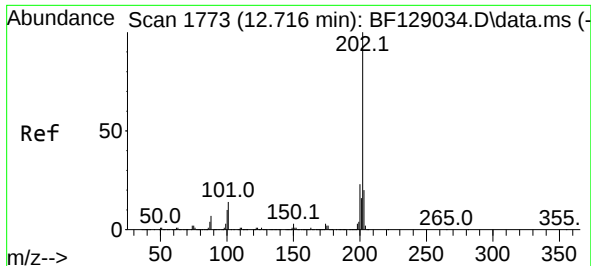
Ion Ratio Lower Upper

248 100

250 200.4 80.6 120.8#

141 427.6 58.9 88.3#

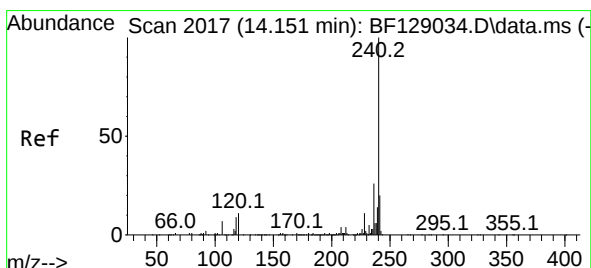
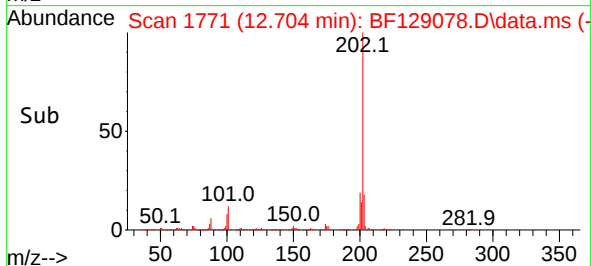
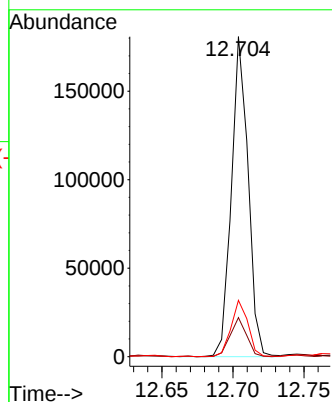
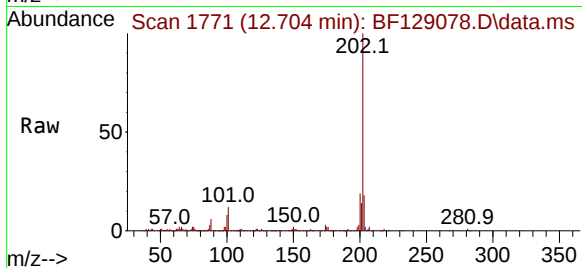




#75
Fluoranthene
Concen: 2.026 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

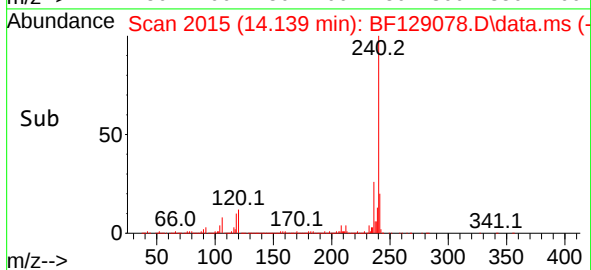
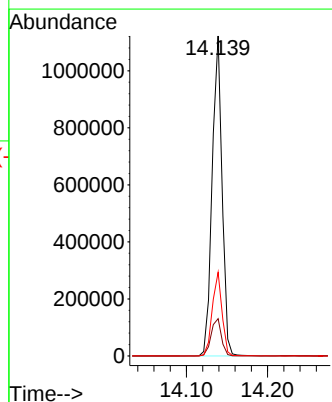
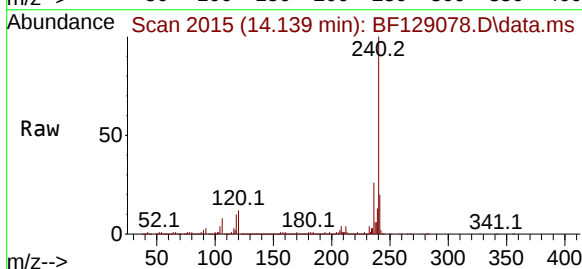
Instrument :
BNA_F
ClientSampleId :
D-42-LC

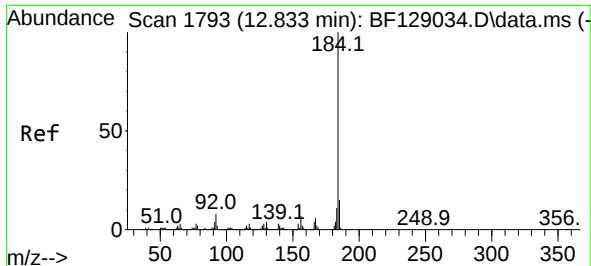
Tgt Ion:202 Resp: 147714
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

Tgt Ion:240 Resp: 948775
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.2 20.8 31.2

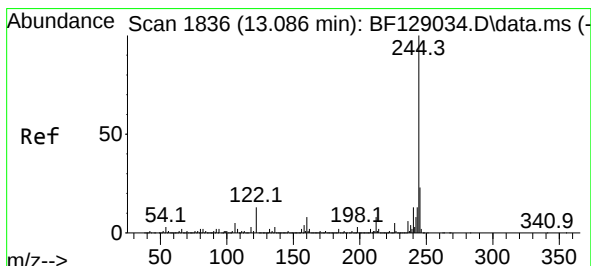
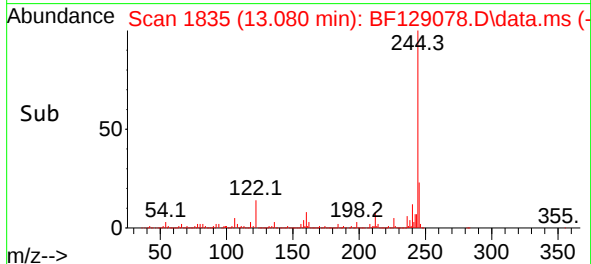
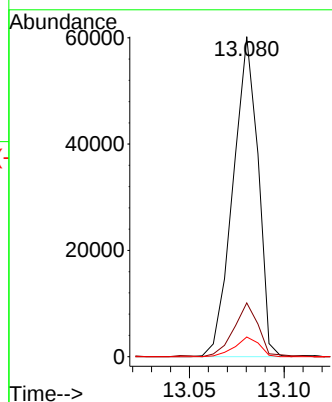
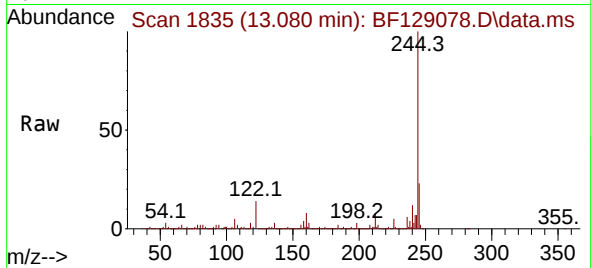




#77
Benzidine
Concen: 3.270 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

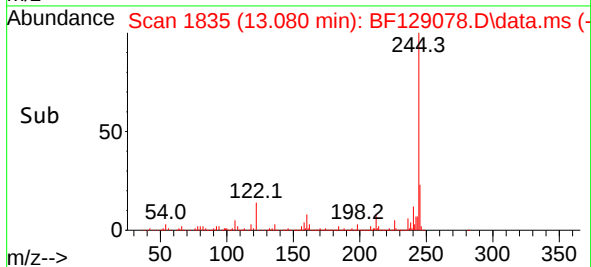
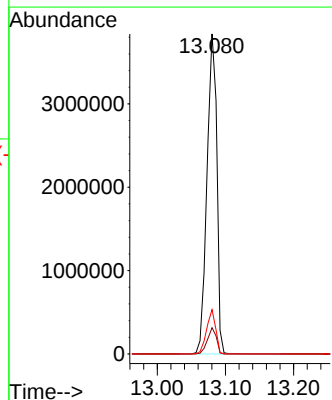
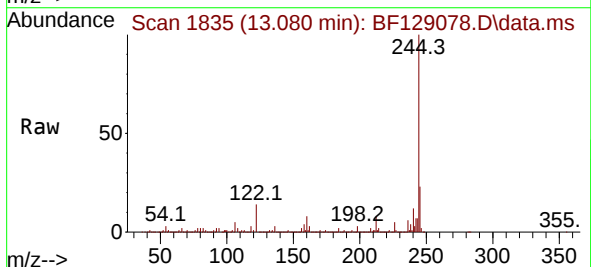
Instrument :
BNA_F
ClientSampleId :
D-42-LC

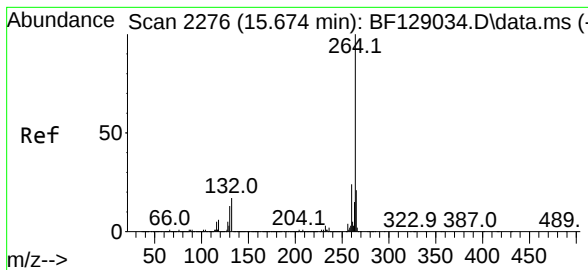
Tgt Ion:184 Resp: 55239
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 6.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 84.447 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129078.D
Acq: 01 Jul 2022 01:00

Tgt Ion:244 Resp: 3858247
Ion Ratio Lower Upper
244 100
212 8.2 6.1 9.1
122 13.9 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129078.D
 Acq: 01 Jul 2022 01:00

Instrument :
 BNA_F
 ClientSampleId :
 D-42-LC

Tgt Ion:264 Resp: 791481

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.4	17.2	25.8

