

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129120.D
 Acq On : 05 Jul 2022 13:12
 Operator : CG\JU
 Sample : N3562-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9B

Quant Time: Jul 05 16:37:55 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

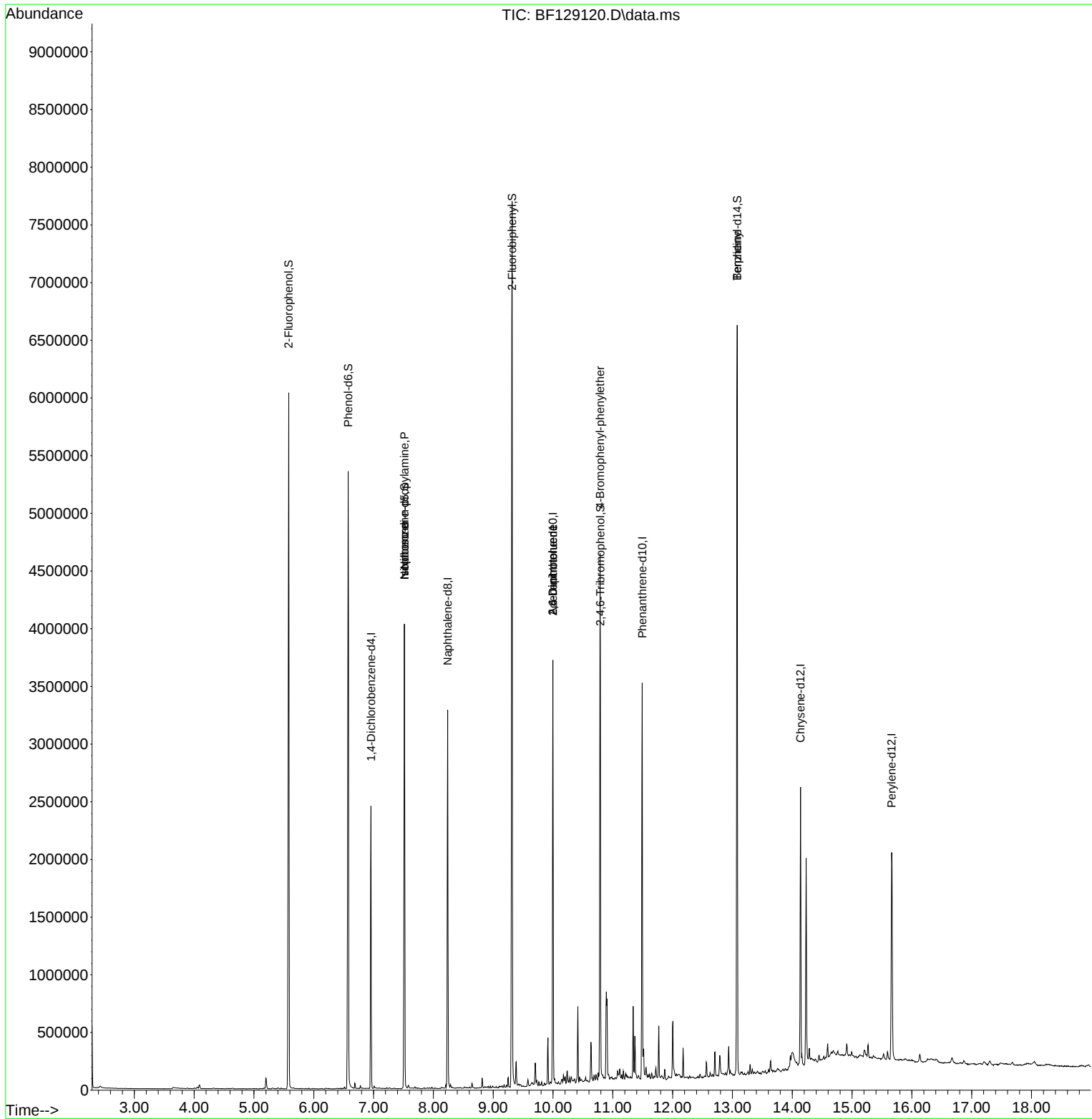
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	353675	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1342829	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	699616	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1193460	20.000	ng	0.00
76) Chrysene-d12	14.139	240	775455	20.000	ng	-0.01
86) Perylene-d12	15.662	264	854306	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1627515	77.798	ng	0.00
7) Phenol-d6	6.575	99	2033686	78.274	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1275132	56.639	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	573761	75.423	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2438982	55.771	ng	0.00
79) Terphenyl-d14	13.080	244	2264564	60.644	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	740	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	169693	11.290	ng	# 71
25) Isophorone	7.516	82	1248519	32.814	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	91585	10.240	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	91713	8.306	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	34702	2.733	ng	# 1
77) Benzydine	13.080	184	30451	2.205	ng	# 94

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

SB-9B

Response via : Initial Calibration

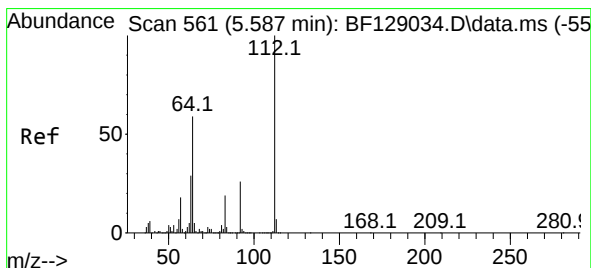
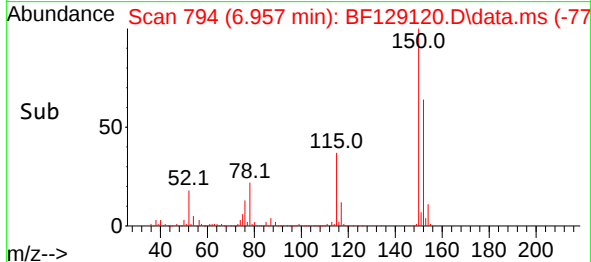
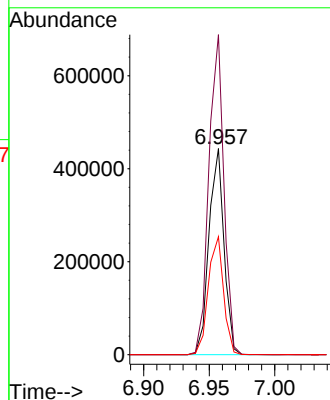
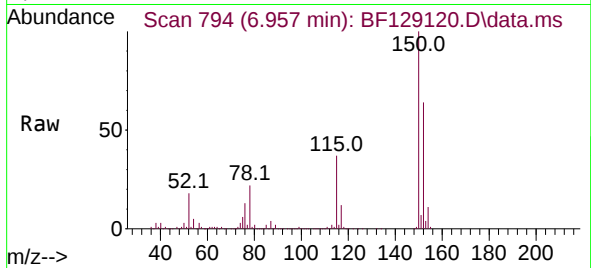




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129120.D
 Acq: 05 Jul 2022 13:12

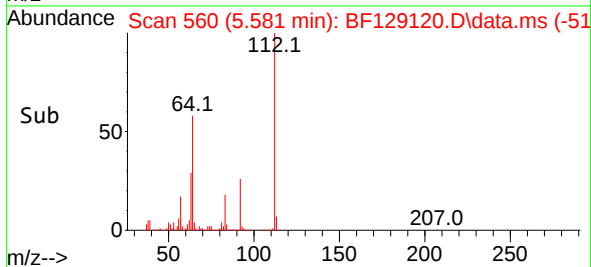
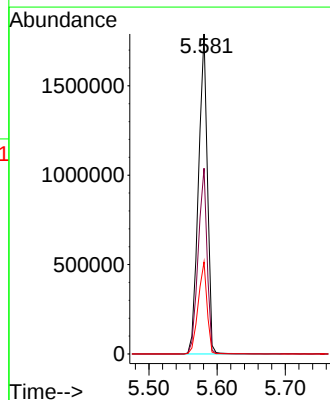
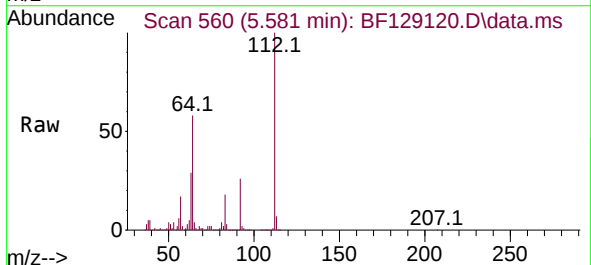
Instrument :
 BNA_F
 ClientSampleId :
 SB-9B

Tgt Ion:152 Resp: 353675
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 57.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 77.798 ng
 RT: 5.581 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF129120.D
 Acq: 05 Jul 2022 13:12

Tgt Ion:112 Resp: 1627515
 Ion Ratio Lower Upper
 112 100
 64 58.1 53.3 79.9
 63 28.7 28.0 42.0

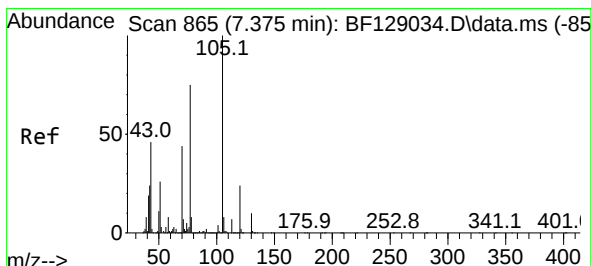
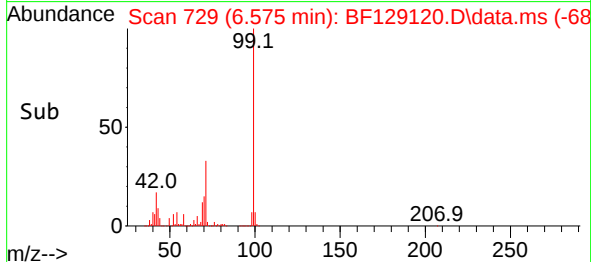
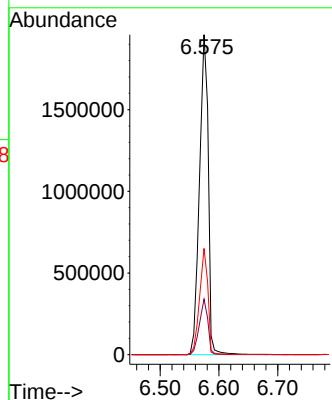
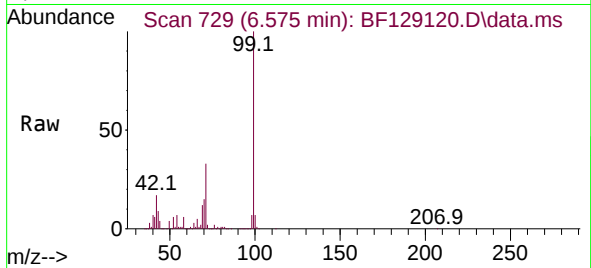




#7
Phenol-d6
Concen: 78.274 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

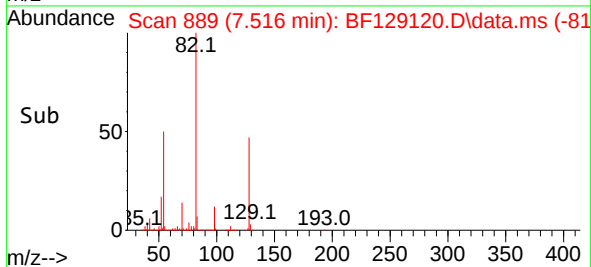
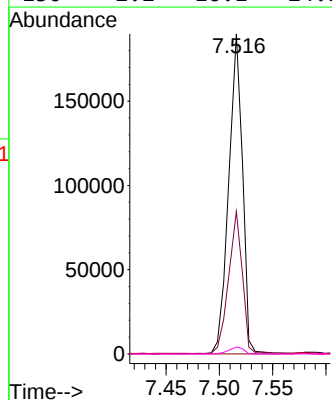
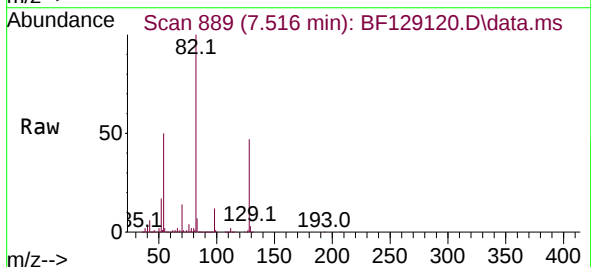
Instrument :
BNA_F
ClientSampleId :
SB-9B

Tgt Ion: 99 Resp: 2033686
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 33.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.290 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

Tgt Ion: 70 Resp: 169693
Ion Ratio Lower Upper
70 100
42 44.6 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: BF129120.D

Acq: 05 Jul 2022 13:12

Instrument :

BNA_F

ClientSampleId :

SB-9B

Tgt Ion:136 Resp: 1342829

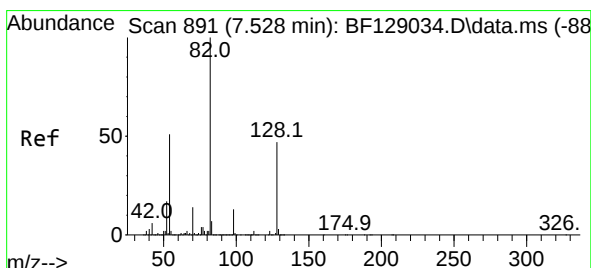
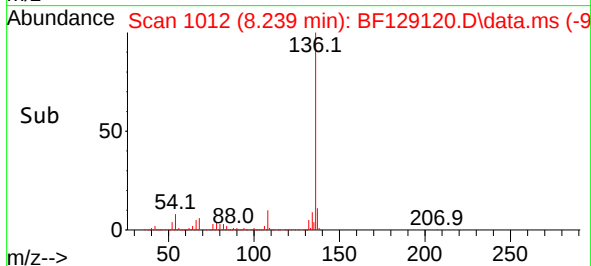
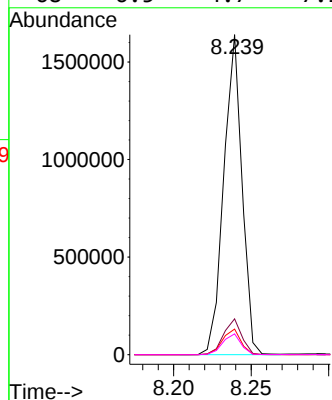
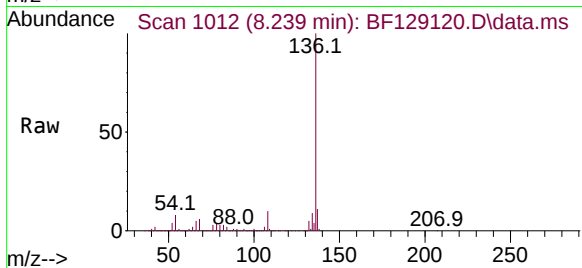
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.0 7.5 11.3

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 56.639 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129120.D

Acq: 05 Jul 2022 13:12

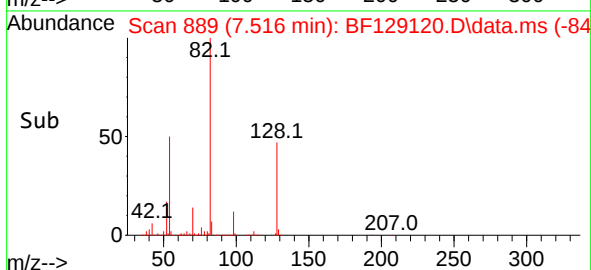
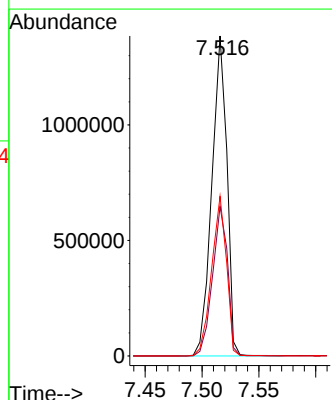
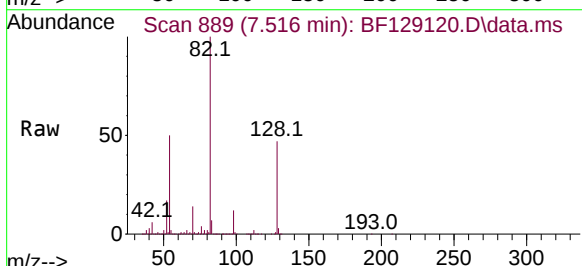
Tgt Ion: 82 Resp: 1275132

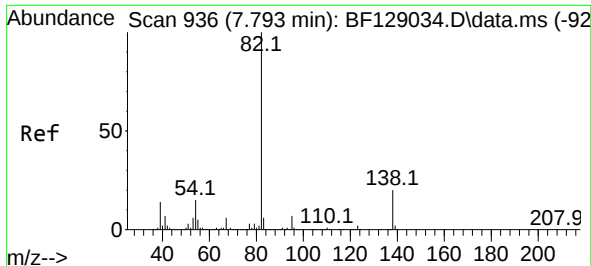
Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

54 49.9 46.9 70.3

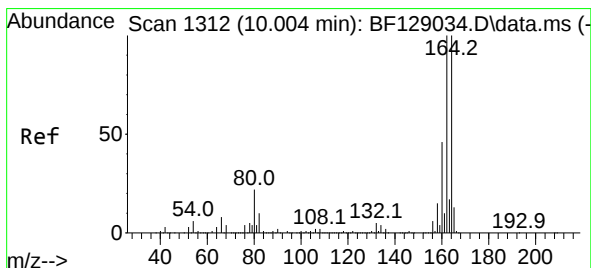
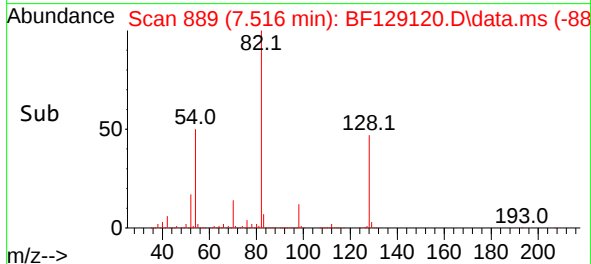
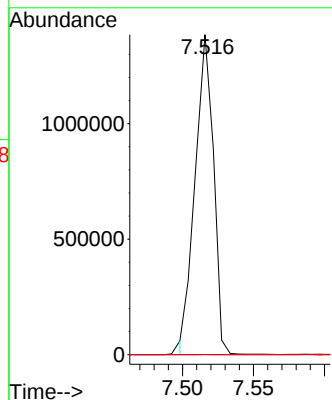
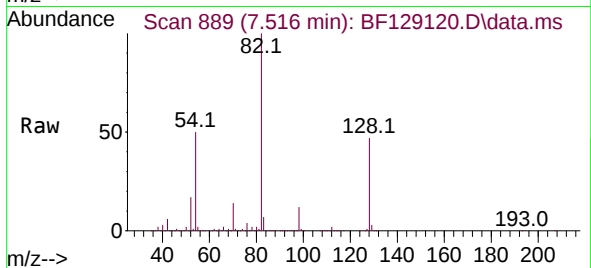




#25
Isophorone
Concen: 32.814 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

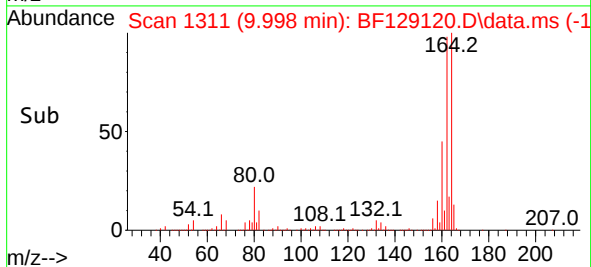
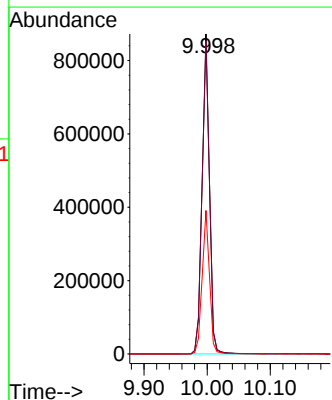
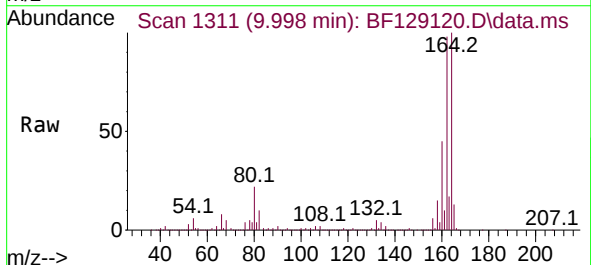
Instrument :
BNA_F
ClientSampleId :
SB-9B

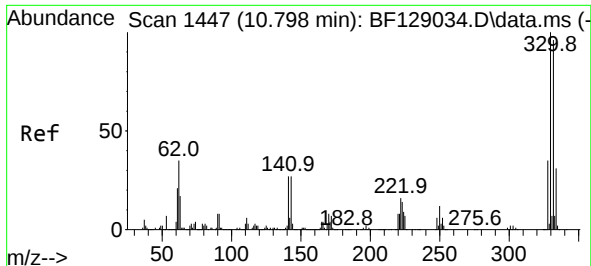
Tgt Ion: 82 Resp: 1248519
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

Tgt Ion: 164 Resp: 699616
Ion Ratio Lower Upper
164 100
162 97.8 79.5 119.3
160 44.9 34.2 51.4

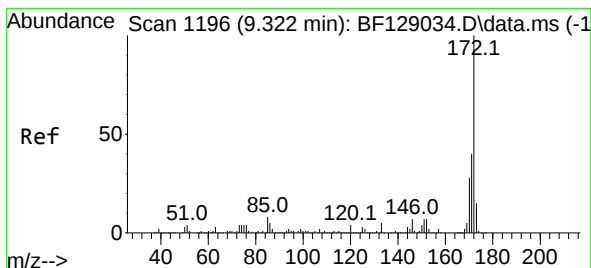
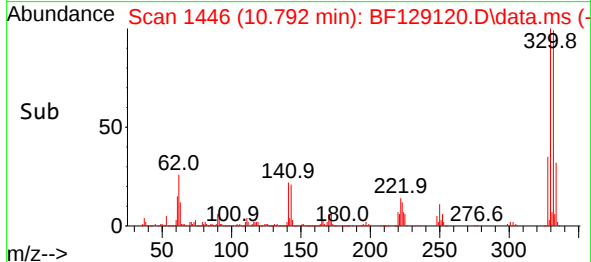
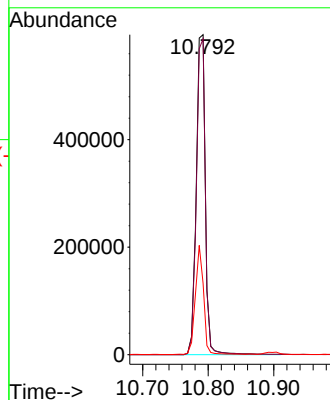
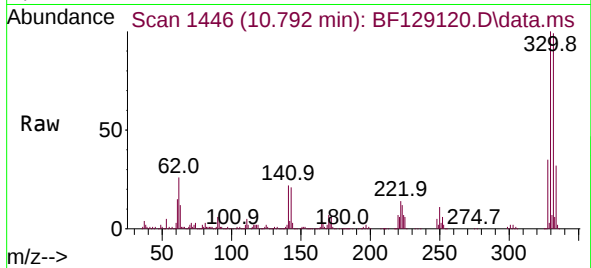




#42
2,4,6-Tribromophenol
Concen: 75.423 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

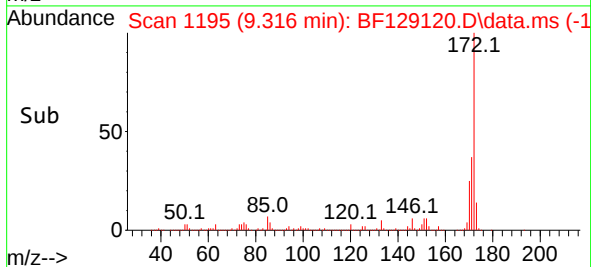
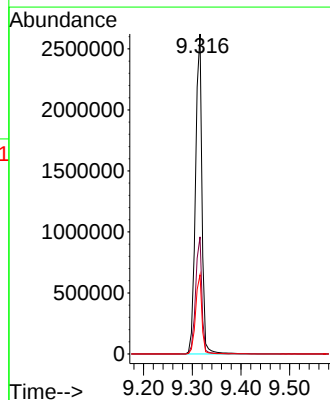
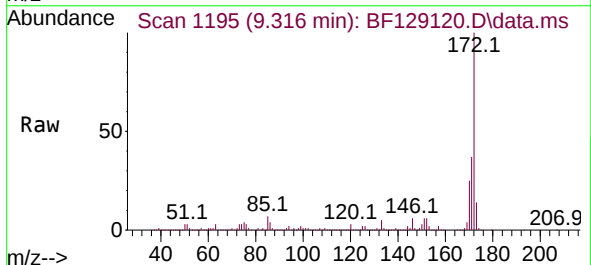
Instrument :
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ClientSampleId :
SB-9B

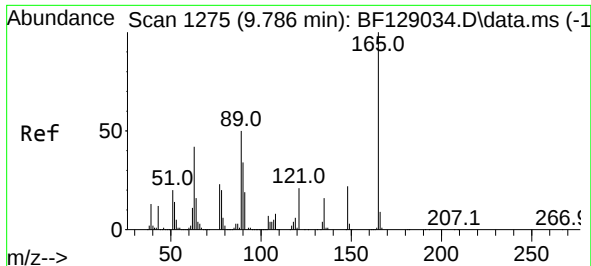
Tgt Ion: 330 Resp: 573761
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 30.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 55.771 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

Tgt Ion: 172 Resp: 2438982
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.240 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129120.D

Acq: 05 Jul 2022 13:12

Instrument :

BNA_F

ClientSampleId :

SB-9B

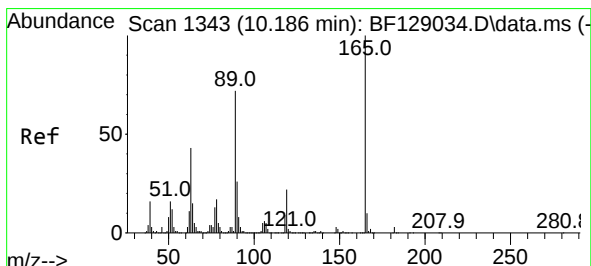
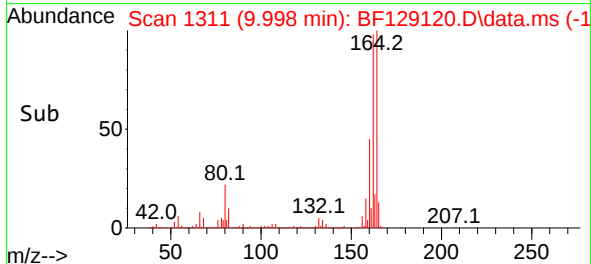
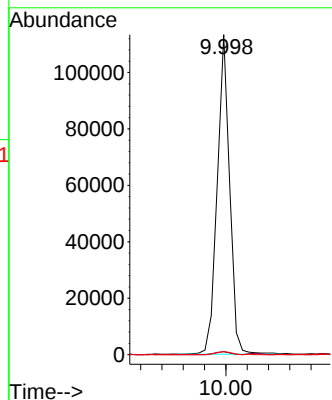
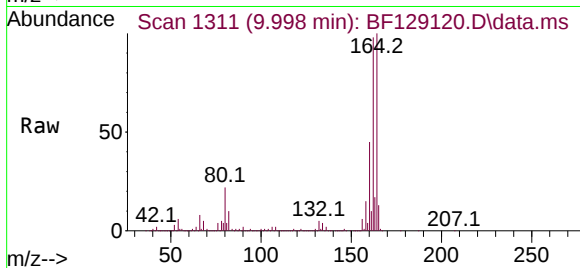
Tgt Ion:165 Resp: 91585

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.306 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129120.D

Acq: 05 Jul 2022 13:12

Tgt Ion:165 Resp: 91713

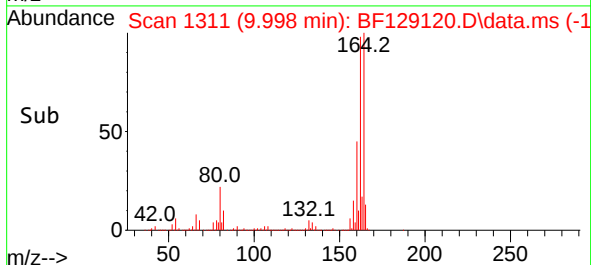
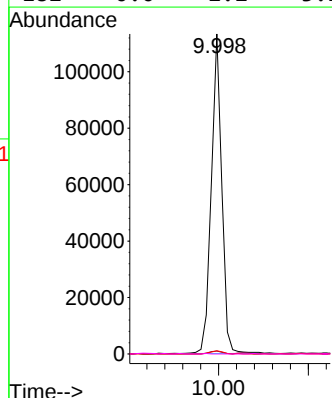
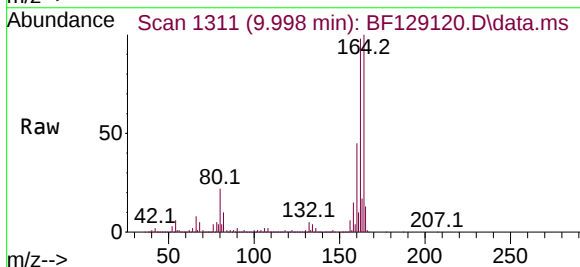
Ion Ratio Lower Upper

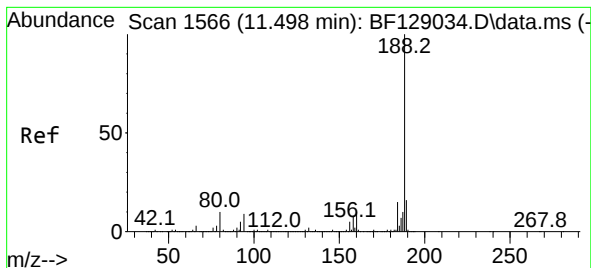
165 100

63 0.9 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# 1

Delta R.T. -0.006 min

Lab File: BF129120.D

Acq: 05 Jul 2022 13:12

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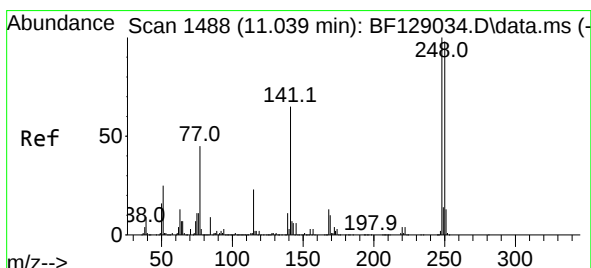
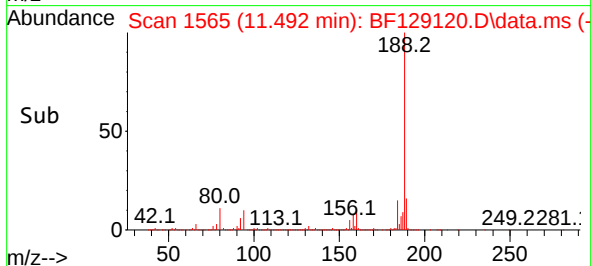
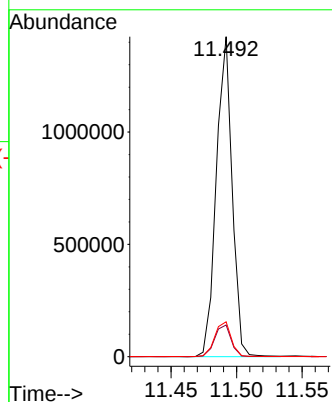
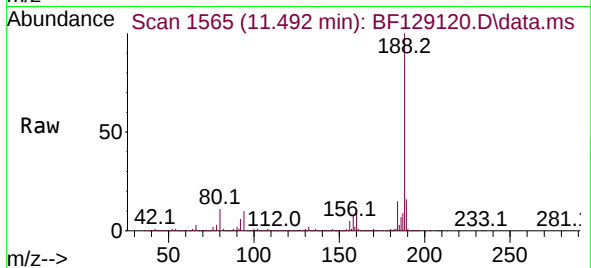
Tgt Ion:188 Resp: 1193460

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.9 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.733 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129120.D

Acq: 05 Jul 2022 13:12

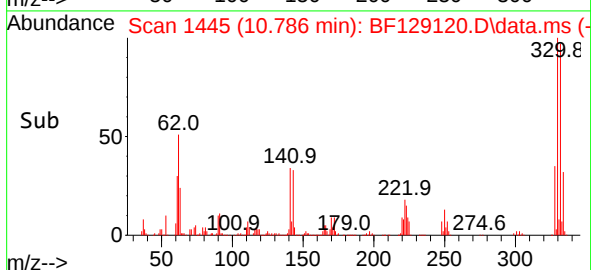
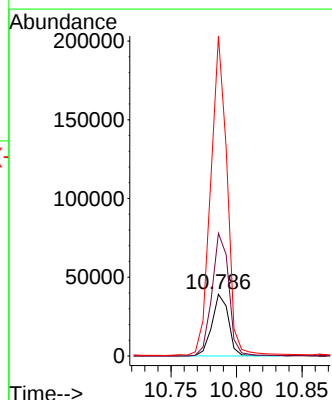
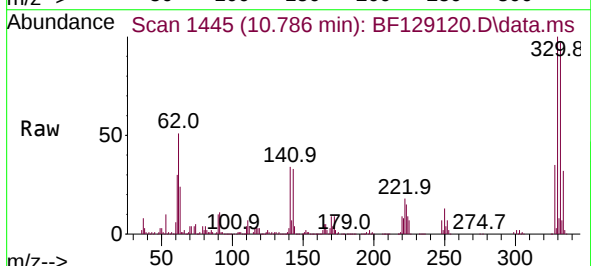
Tgt Ion:248 Resp: 34702

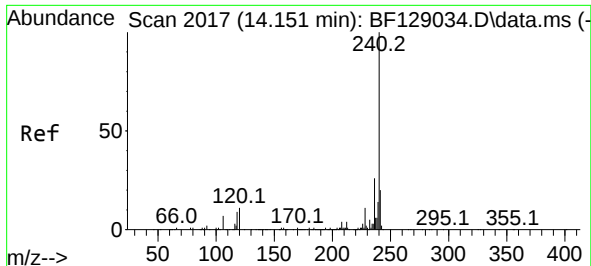
Ion Ratio Lower Upper

248 100

250 199.1 80.6 120.8#

141 519.4 58.9 88.3#

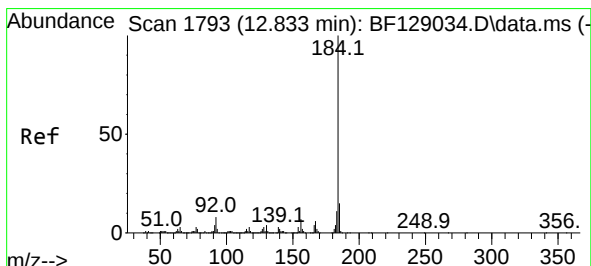
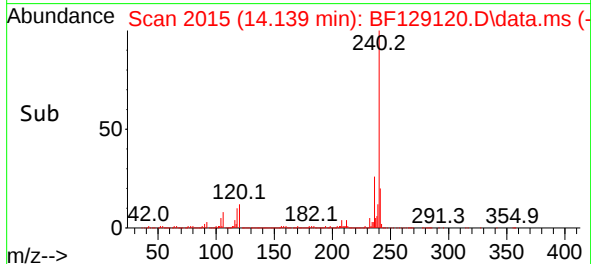
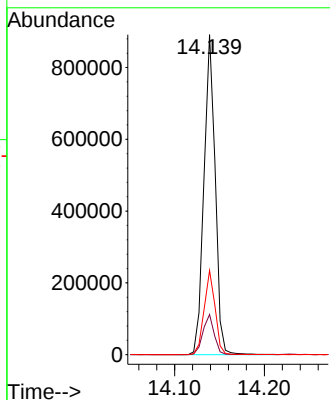
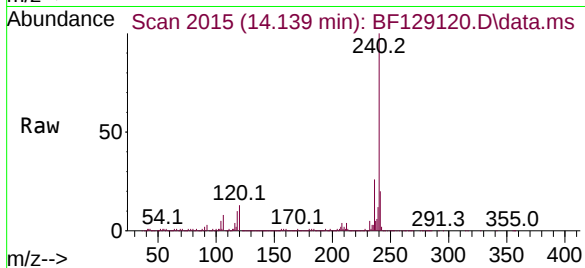




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

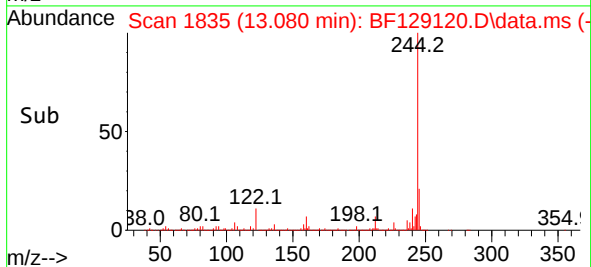
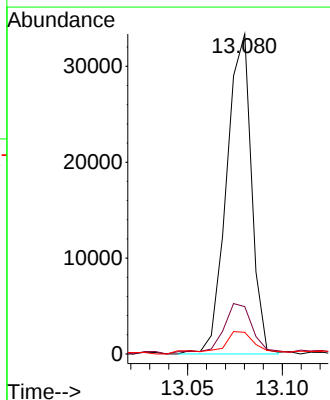
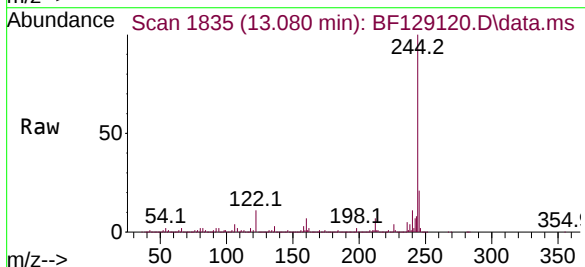
Instrument :
BNA_F
ClientSampleId :
SB-9B

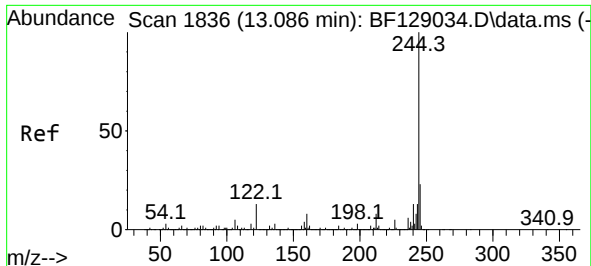
Tgt Ion:240 Resp: 775455
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.205 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129120.D
Acq: 05 Jul 2022 13:12

Tgt Ion:184 Resp: 30451
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 6.7 9.3 13.9#

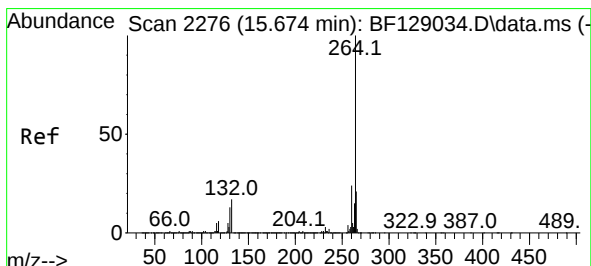
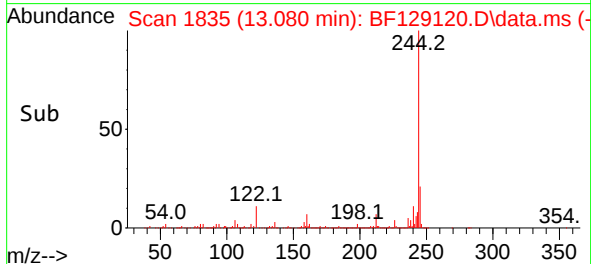
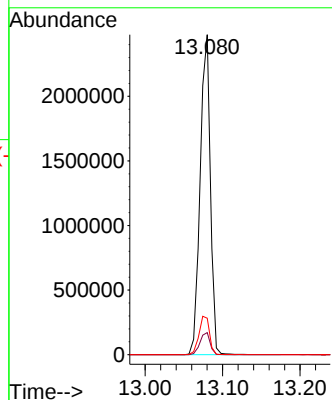
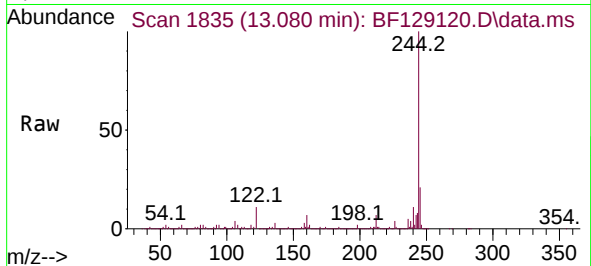




#79
 Terphenyl-d14
 Concen: 60.644 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129120.D
 Acq: 05 Jul 2022 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-9B

Tgt Ion:244 Resp: 2264564
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.4 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: BF129120.D
 Acq: 05 Jul 2022 13:12

Tgt Ion:264 Resp: 854306
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8

