

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129166.D
 Acq On : 07 Jul 2022 19:00
 Operator : CG\JU
 Sample : N3617-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-07-06

Quant Time: Jul 08 01:56:26 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)

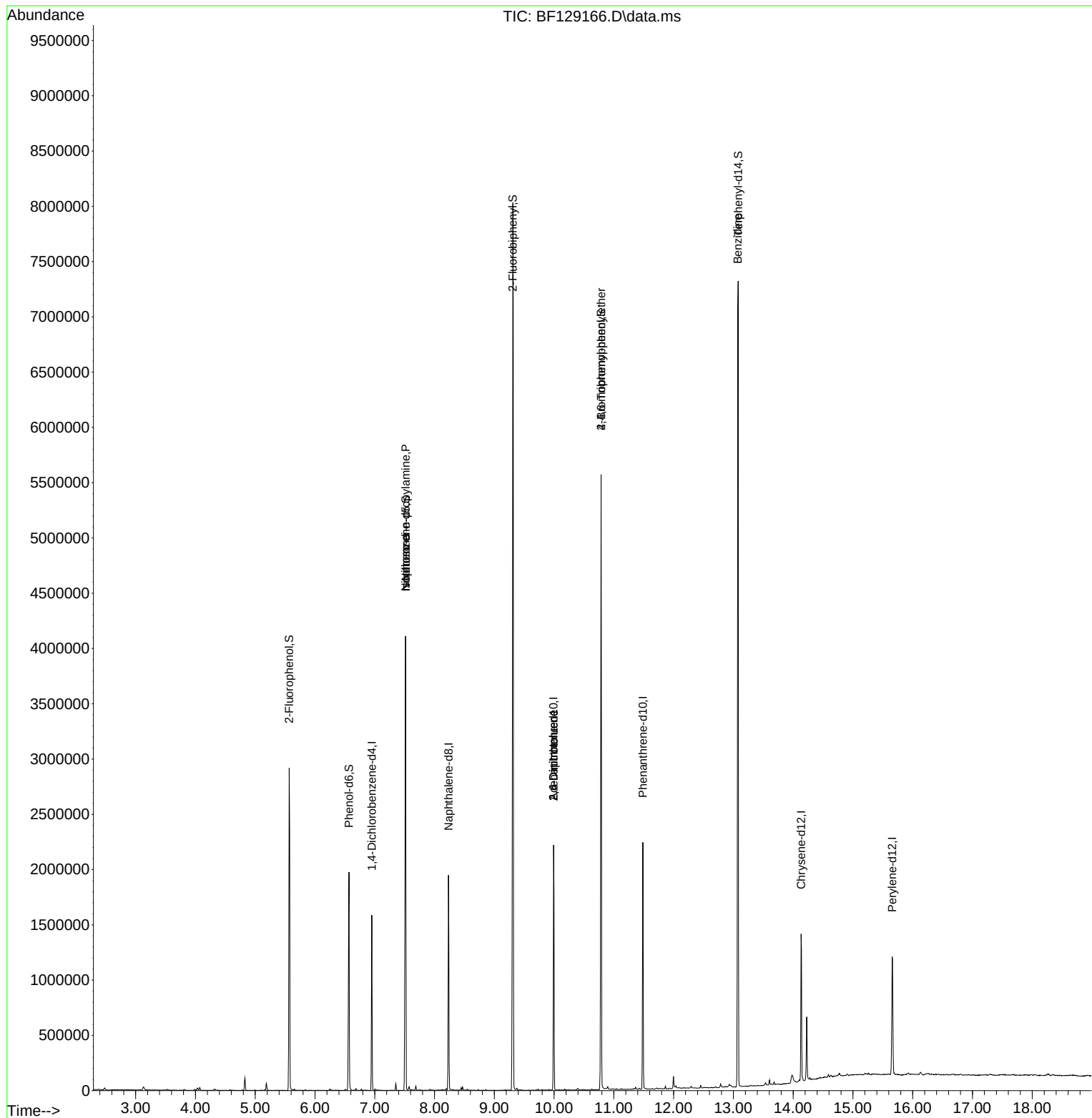
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	220500	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	828539	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	434405	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	755282	20.000	ng	-0.01
76) Chrysene-d12	14.133	240	465929	20.000	ng	-0.02
86) Perylene-d12	15.656	264	511242	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	807716	61.930	ng	-0.02
7) Phenol-d6	6.569	99	627488	38.738	ng	-0.02
23) Nitrobenzene-d5	7.516	82	1360858	97.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	714464	151.257	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2636191	97.083	ng	-0.01
79) Terphenyl-d14	13.080	244	2739597	122.103	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	150	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.516	70	181403	19.359	ng	# 70
25) Isophorone	7.516	82	1347462	57.397	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	56120	10.106	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	56120	8.186	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	42231	5.256	ng	# 1
77) Benizidine	13.074	184	35914	4.329	ng	# 92

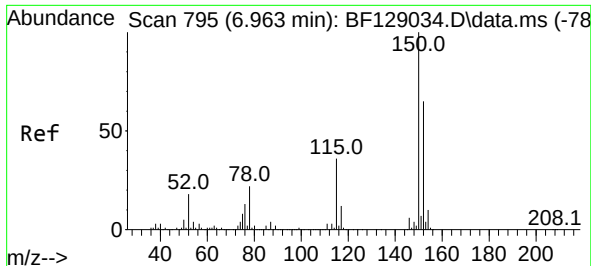
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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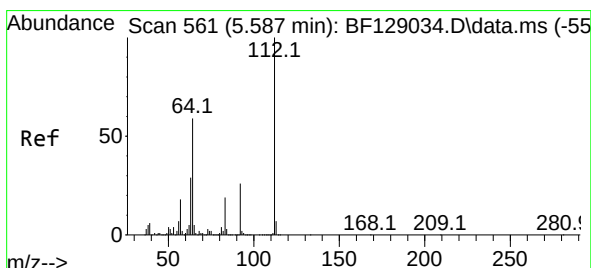
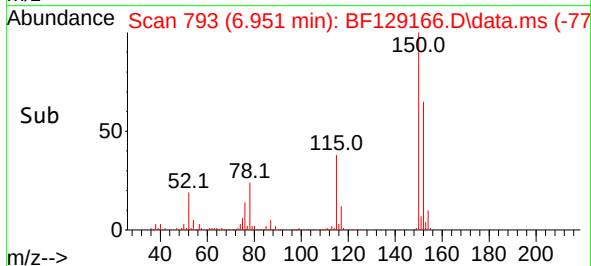
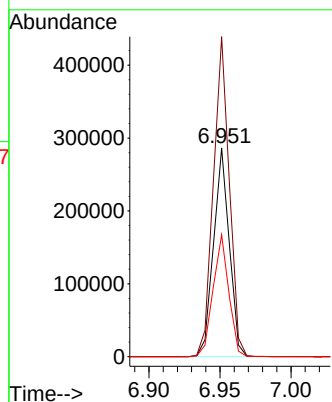
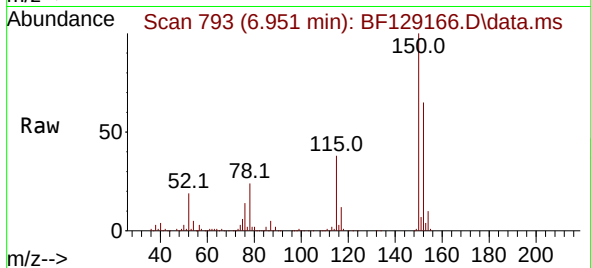




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 795
 Delta R.T. -0.012 min
 Lab File: BF129166.D
 Acq: 07 Jul 2022 19:00

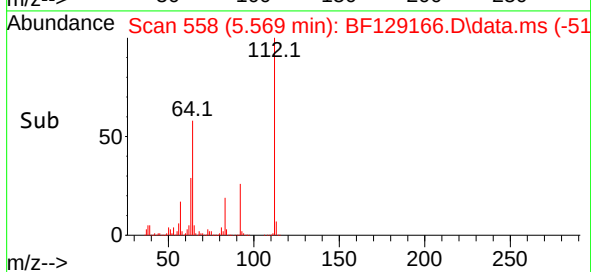
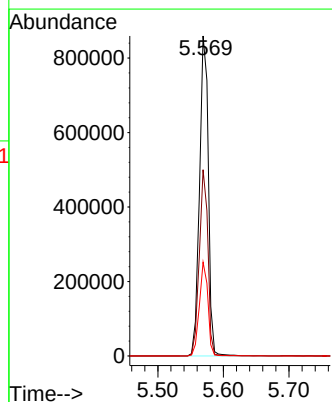
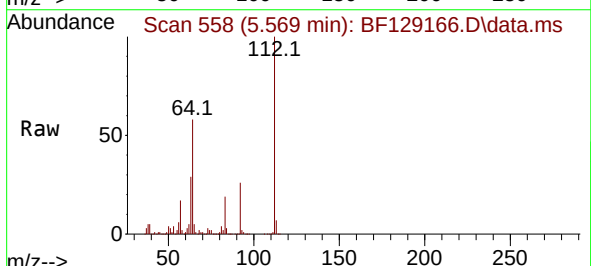
Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-07-06

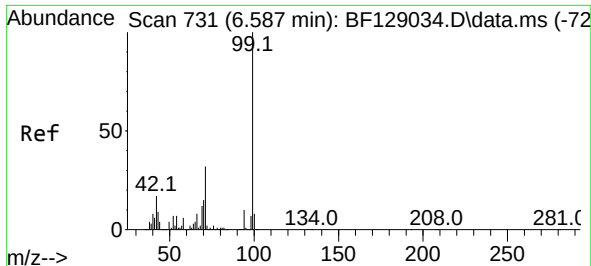
Tgt Ion:152 Resp: 220500
 Ion Ratio Lower Upper
 152 100
 150 153.3 123.7 185.5
 115 58.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 61.930 ng
 RT: 5.569 min Scan# 558
 Delta R.T. -0.018 min
 Lab File: BF129166.D
 Acq: 07 Jul 2022 19:00

Tgt Ion:112 Resp: 807716
 Ion Ratio Lower Upper
 112 100
 64 58.2 53.3 79.9
 63 29.3 28.0 42.0

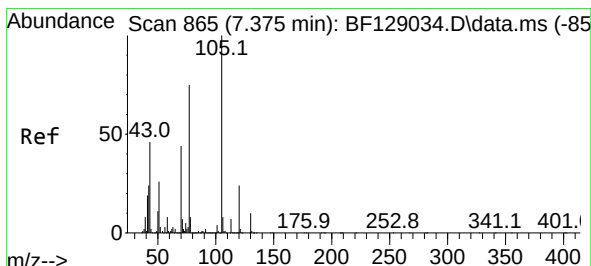
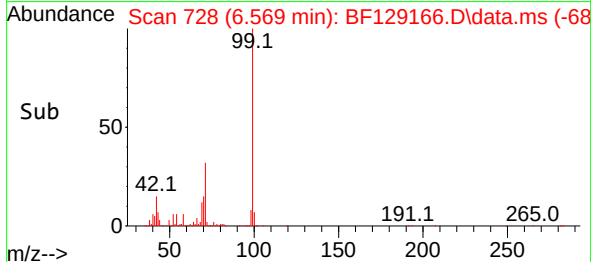
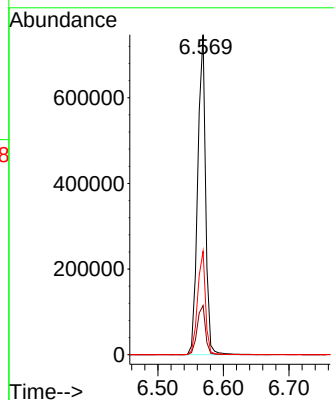
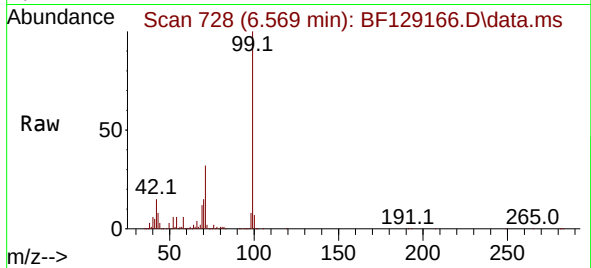




#7
Phenol-d6
Concen: 38.738 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

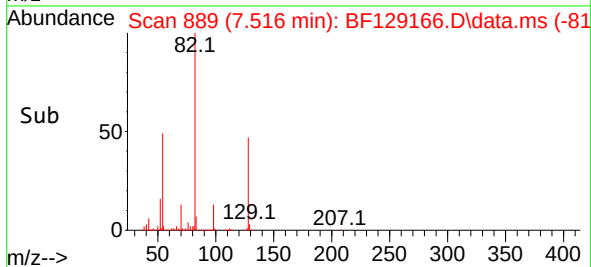
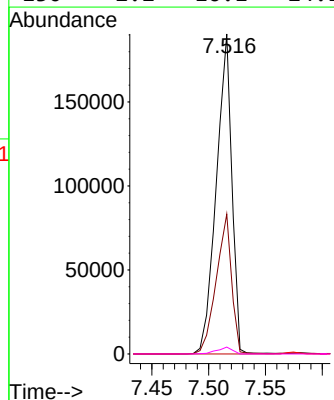
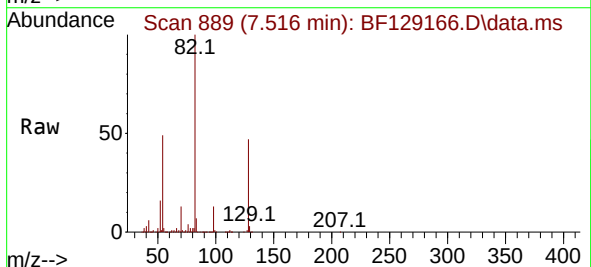
Instrument :
BNA_F
ClientSampleId :
EB-2022-07-06

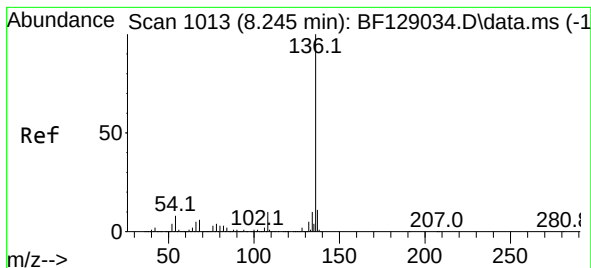
Tgt Ion: 99 Resp: 627488
Ion Ratio Lower Upper
99 100
42 15.4 17.3 25.9#
71 32.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.359 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

Tgt Ion: 70 Resp: 181403
Ion Ratio Lower Upper
70 100
42 43.7 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: 8.233 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF129166.D

Acq: 07 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

EB-2022-07-06

Tgt Ion:136 Resp: 828539

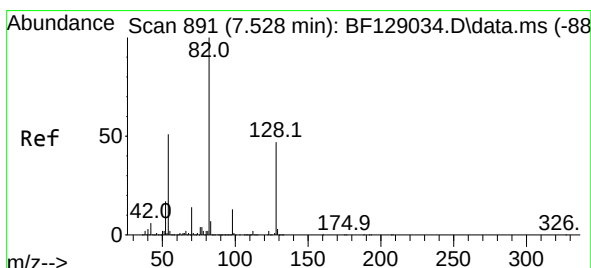
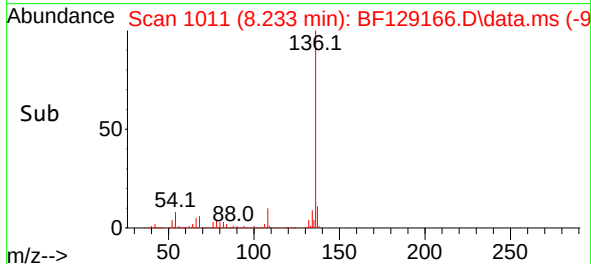
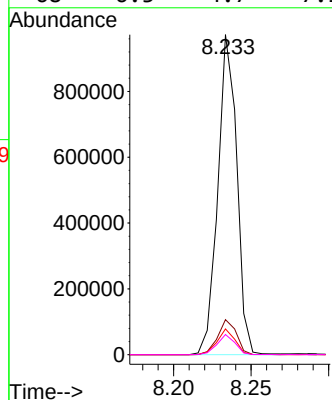
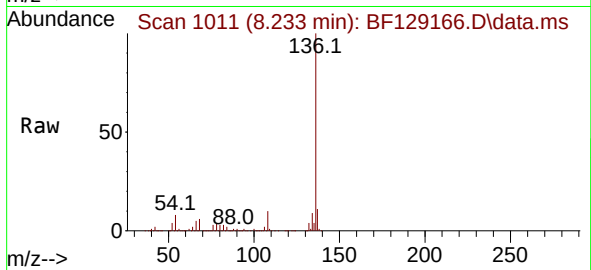
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.1 7.5 11.3

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 97.968 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129166.D

Acq: 07 Jul 2022 19:00

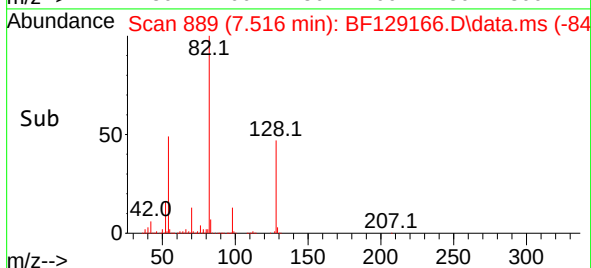
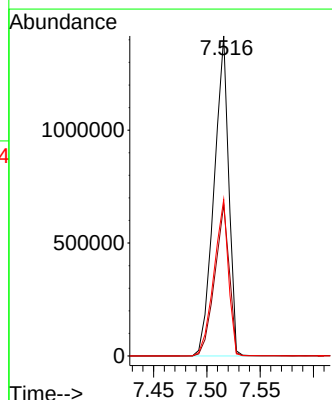
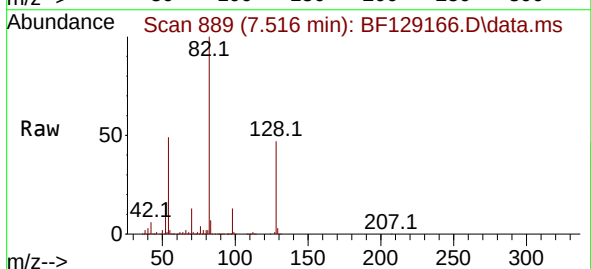
Tgt Ion: 82 Resp: 1360858

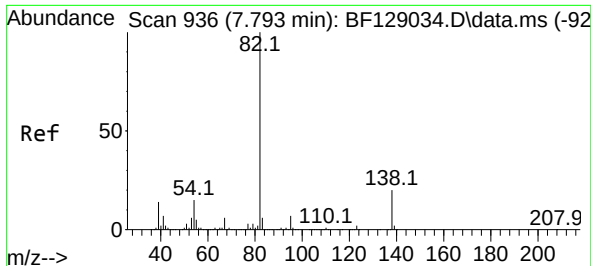
Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

54 48.9 46.9 70.3

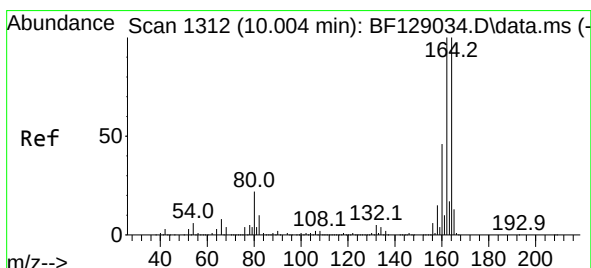
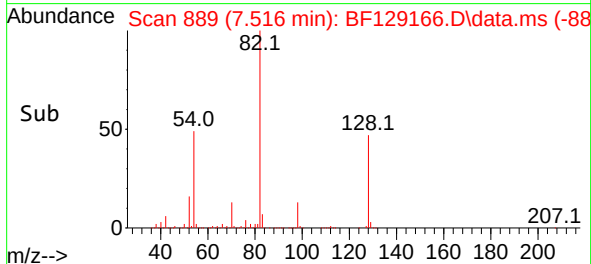
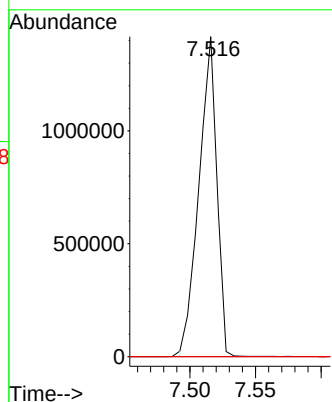
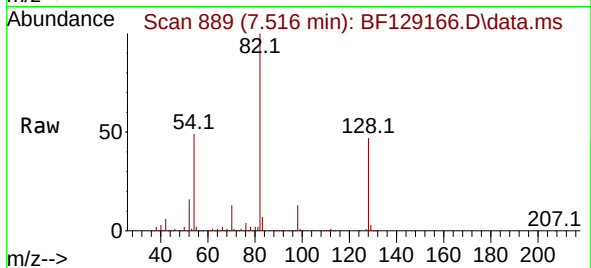




#25
Isophorone
Concen: 57.397 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

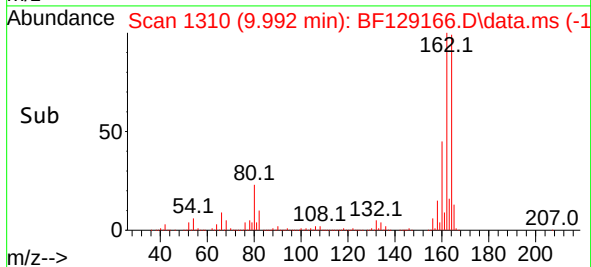
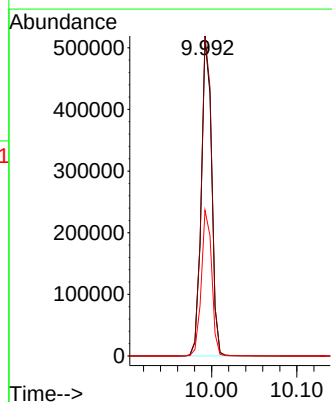
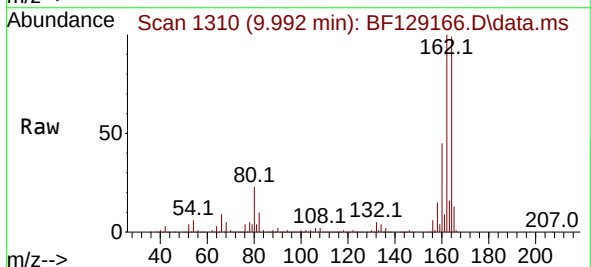
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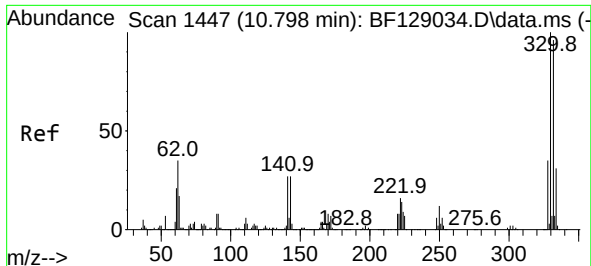
Tgt Ion: 82 Resp: 1347462
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

Tgt Ion: 164 Resp: 434405
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.1 34.2 51.4

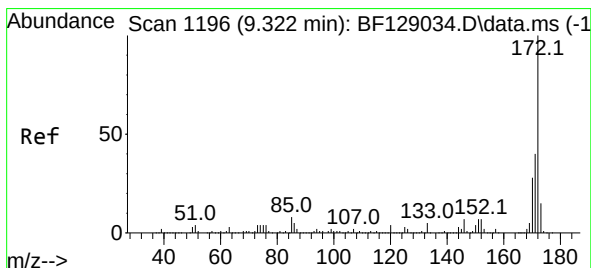
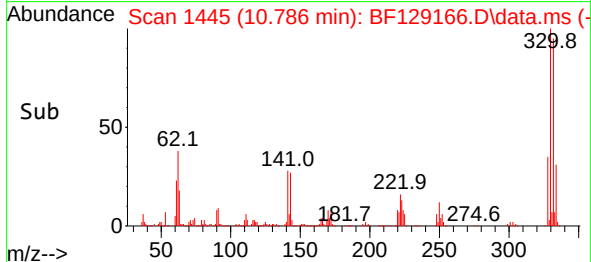
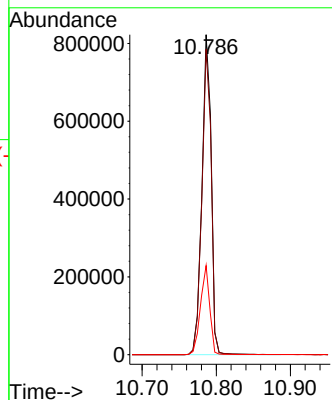
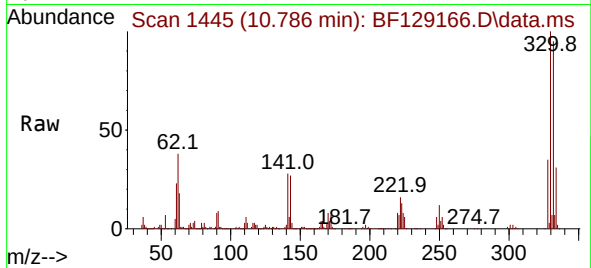




#42
2,4,6-Tribromophenol
Concen: 151.257 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

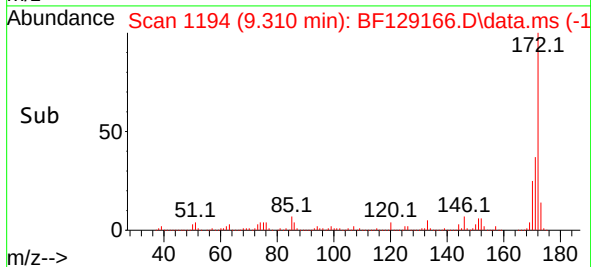
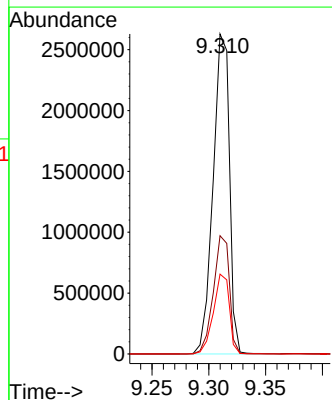
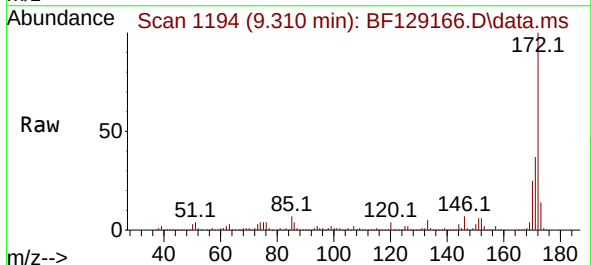
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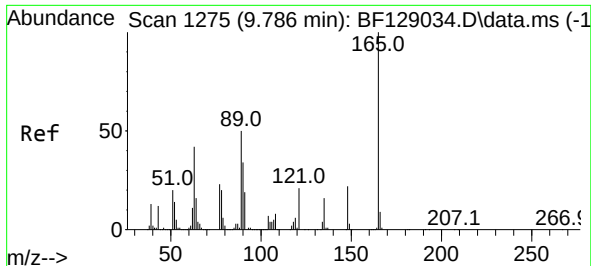
Tgt Ion:330 Resp: 714464
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 27.8 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 97.083 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

Tgt Ion:172 Resp: 2636191
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 24.9 19.8 29.8

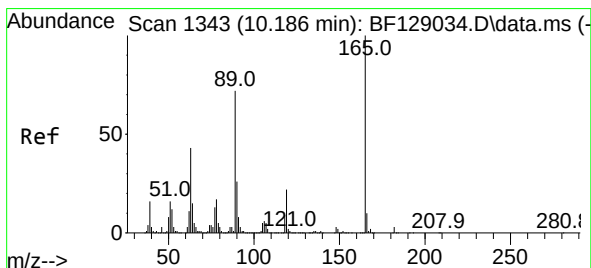
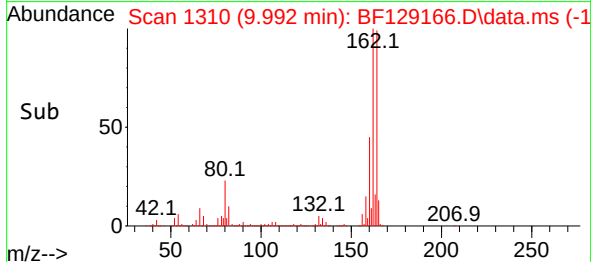
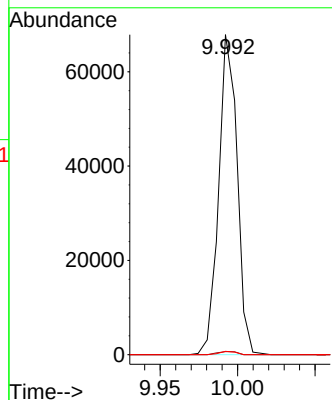
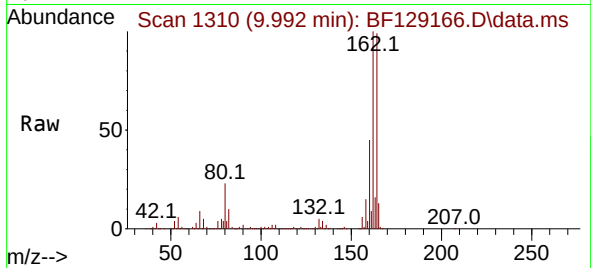




#51
2,6-Dinitrotoluene
Concen: 10.106 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

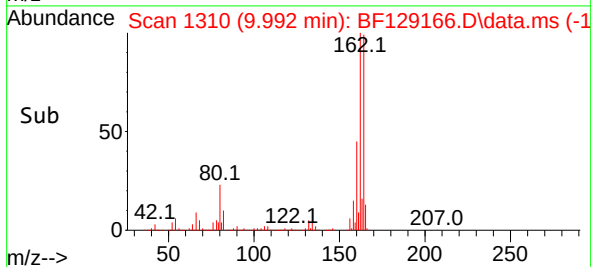
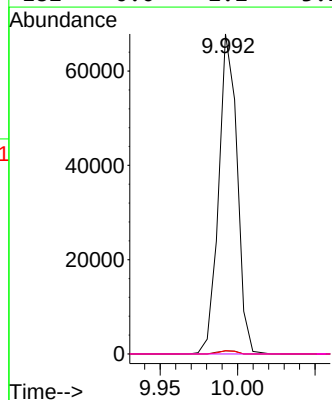
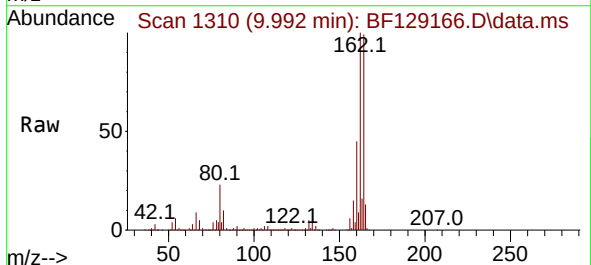
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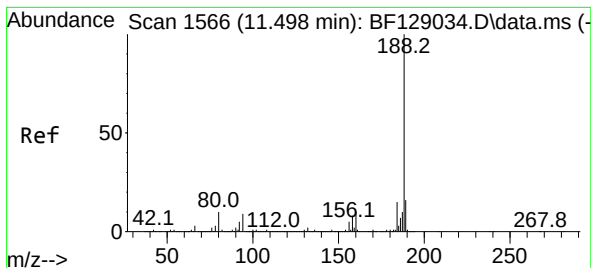
Tgt Ion:165 Resp: 56120
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.186 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129166.D
Acq: 07 Jul 2022 19:00

Tgt Ion:165 Resp: 56120
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: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129166.D

Acq: 07 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

EB-2022-07-06

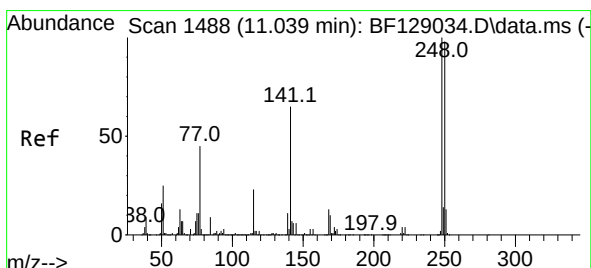
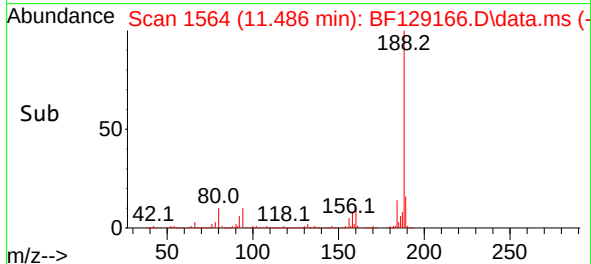
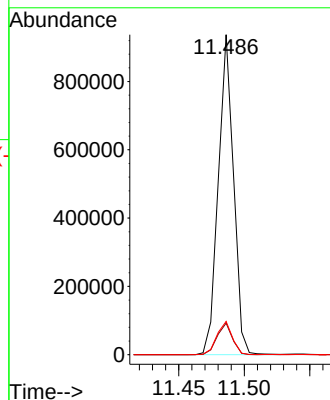
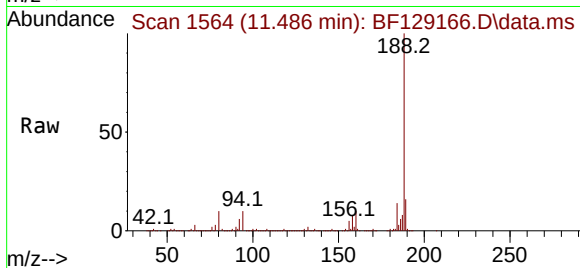
Tgt Ion:188 Resp: 755282

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.256 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129166.D

Acq: 07 Jul 2022 19:00

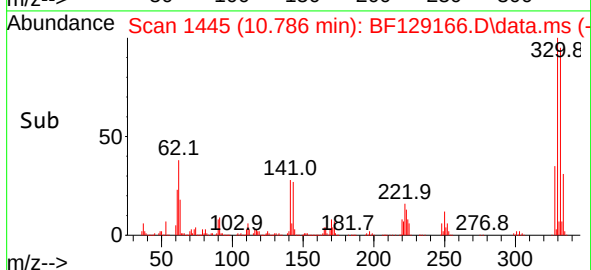
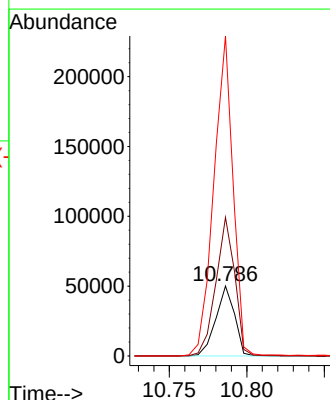
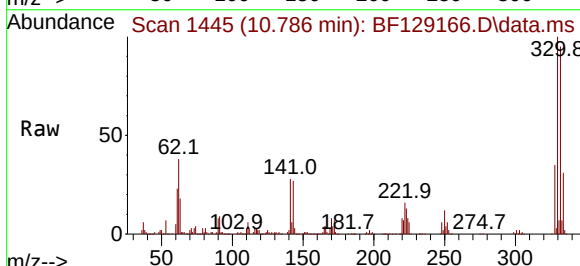
Tgt Ion:248 Resp: 42231

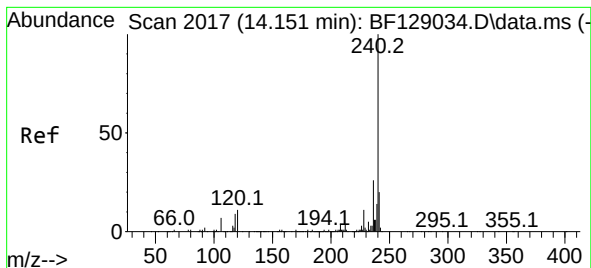
Ion Ratio Lower Upper

248 100

250 198.0 80.6 120.8#

141 457.2 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF129166.D

Acq: 07 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

EB-2022-07-06

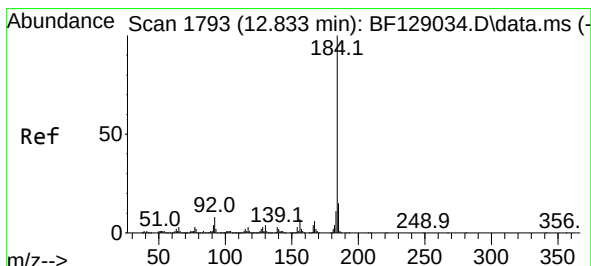
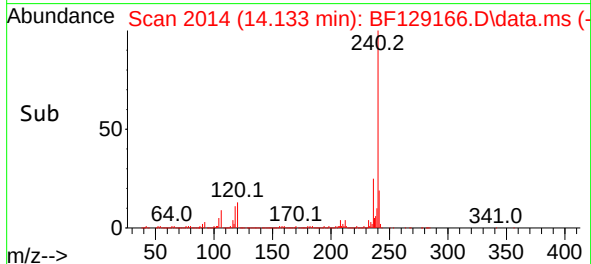
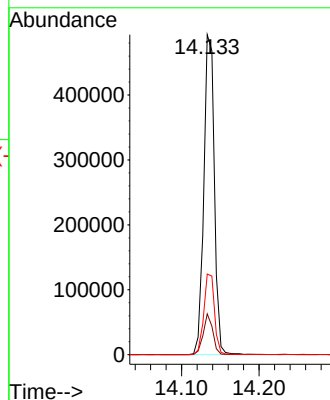
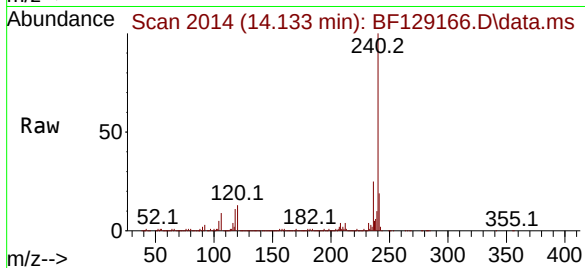
Tgt Ion:240 Resp: 465929

Ion Ratio Lower Upper

240 100

120 12.7 8.9 13.3

236 25.2 20.8 31.2



#77

Benzidine

Concen: 4.329 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF129166.D

Acq: 07 Jul 2022 19:00

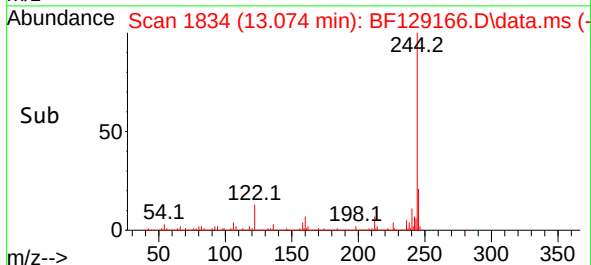
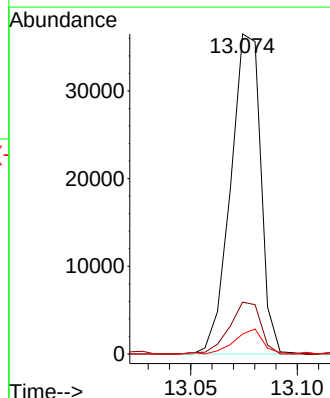
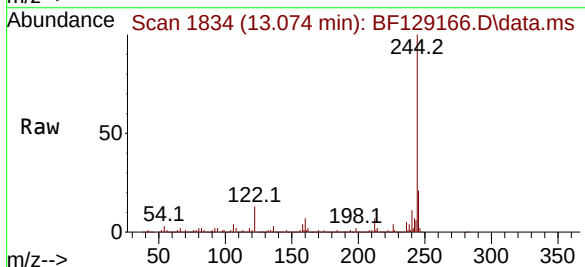
Tgt Ion:184 Resp: 35914

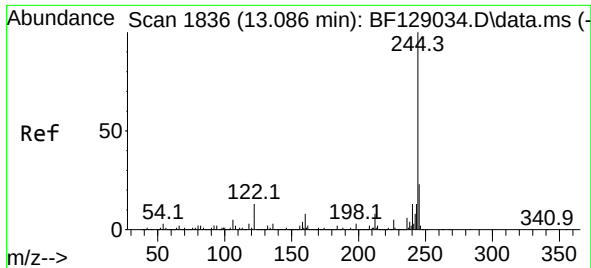
Ion Ratio Lower Upper

184 100

185 16.2 11.9 17.9

183 6.3 9.3 13.9#

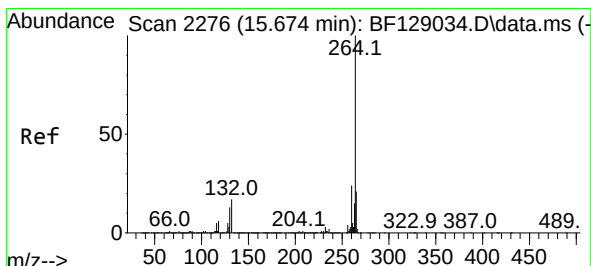
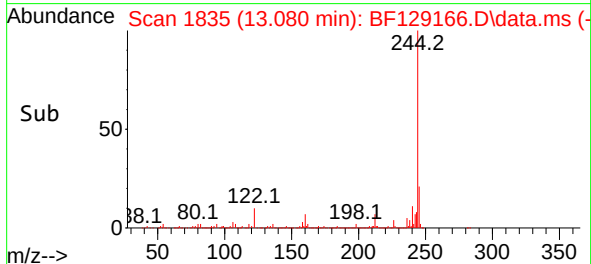
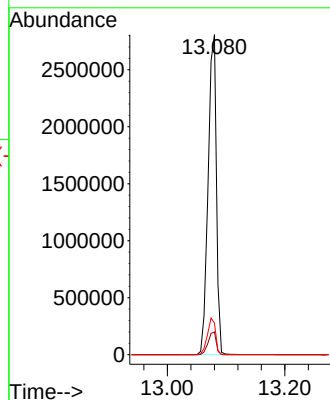
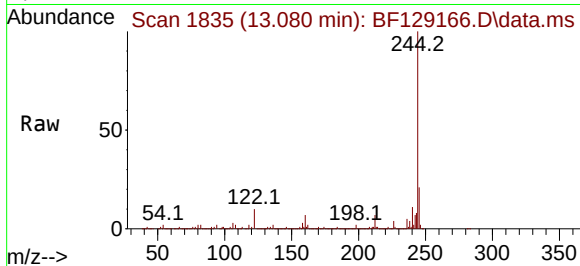




#79
 Terphenyl-d14
 Concen: 122.103 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129166.D
 Acq: 07 Jul 2022 19:00

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-07-06

Tgt Ion:244 Resp: 2739597
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2273
 Delta R.T. -0.018 min
 Lab File: BF129166.D
 Acq: 07 Jul 2022 19:00

Tgt Ion:264 Resp: 511242
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.7 17.2 25.8

