

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129105.D
 Acq On : 01 Jul 2022 21:58
 Operator : CG\JU
 Sample : N3562-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Quant Time: Jul 02 01:27:16 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

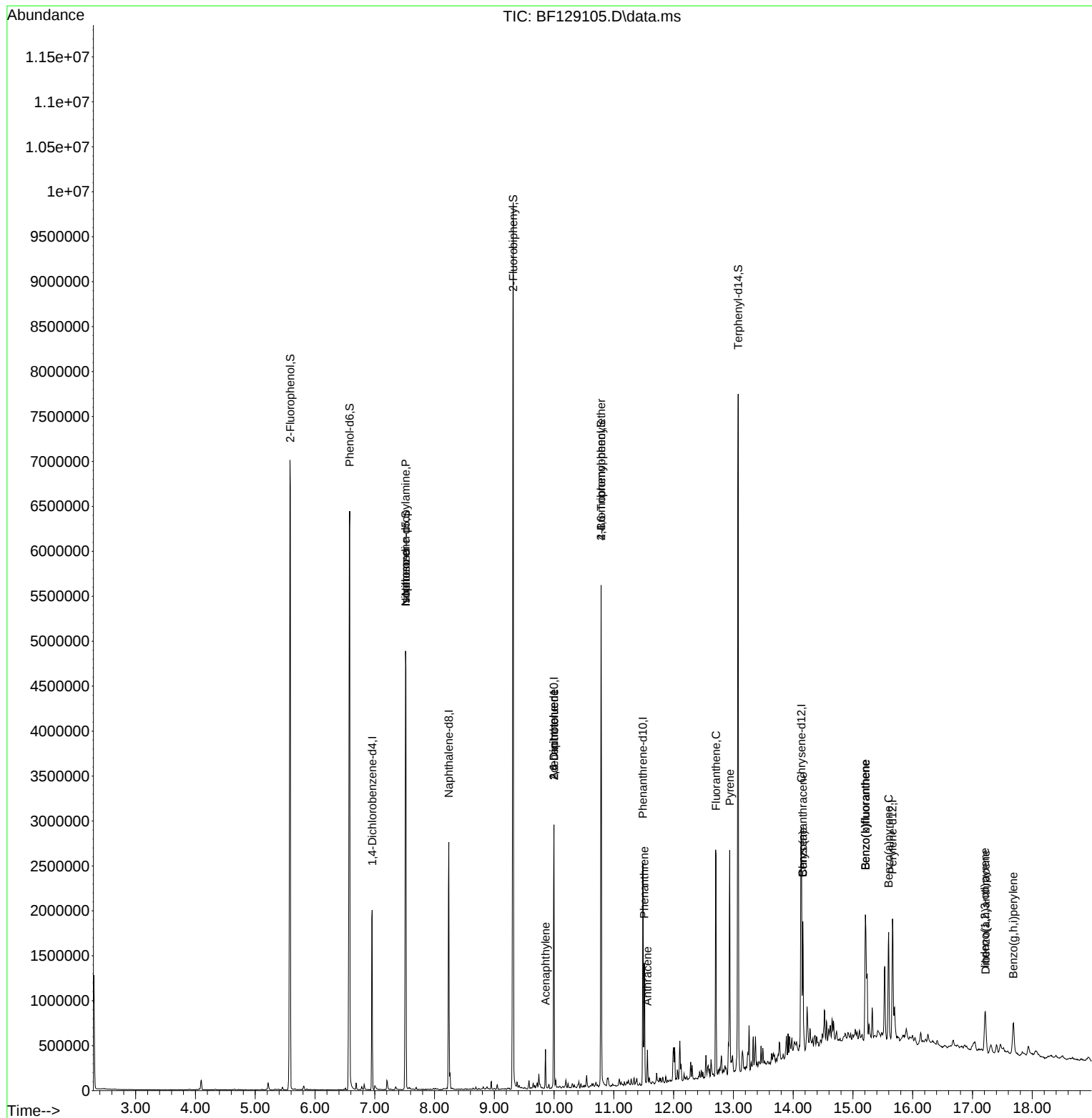
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	307780	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1171873	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	572271	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	869103	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	629858	20.000	ng	-0.01
86) Perylene-d12	15.662	264	607168	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2221940	122.051	ng	0.00
7) Phenol-d6	6.581	99	2738025	121.098	ng	0.00
23) Nitrobenzene-d5	7.516	82	1757525	89.455	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	673817	108.286	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	3117921	87.162	ng	0.00
79) Terphenyl-d14	13.080	244	2626978	86.611	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	1174	Below Cal		Qvalue # 70
19) n-Nitroso-di-n-propyla...	7.516	70	233593	17.860	ng	# 71
25) Isophorone	7.516	82	1719221	51.777	ng	# 65
49) Acenaphthylene	9.857	152	166097	3.441	ng	98
51) 2,6-Dinitrotoluene	9.998	165	75458	10.314	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	75458	8.355	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	40373	4.367	ng	# 1
71) Phenanthrene	11.510	178	474529	11.427	ng	98
72) Anthracene	11.563	178	131253	3.206	ng	99
75) Fluoranthene	12.710	202	1025221	23.607	ng	99
78) Pyrene	12.939	202	941052	21.555	ng	98
81) Benzo(a)anthracene	14.163	228	550597	14.317	ng	95
83) Chrysene	14.163	228	550597	15.422	ng	97
87) Indeno(1,2,3-cd)pyrene	17.209	276	320619	8.610	ng	97
88) Benzo(b)fluoranthene	15.210	252	1105436	30.273	ng	98
89) Benzo(k)fluoranthene	15.210	252	1105436	31.212	ng	98
90) Benzo(a)pyrene	15.598	252	572864	19.245	ng	97
91) Dibenzo(a,h)anthracene	17.221	278	85243	2.808	ng	# 86
92) Benzo(g,h,i)perylene	17.686	276	289803	9.515	ng	99

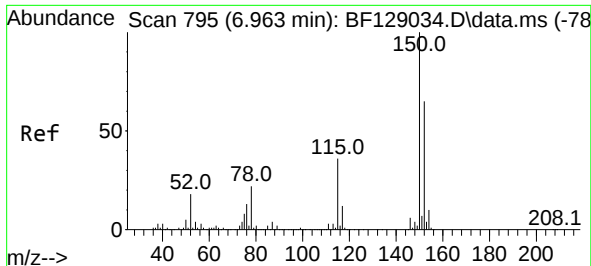
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129105.D
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BNA_F
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SB-15

Quant Time: Jul 02 01:27:16 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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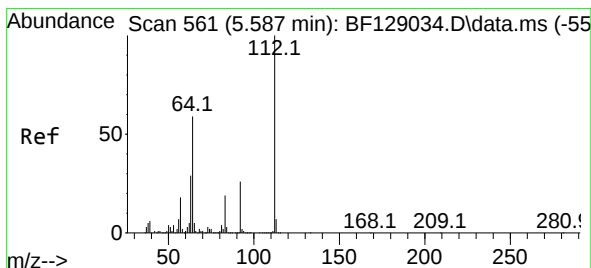
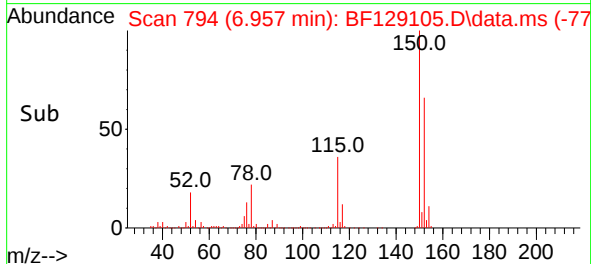
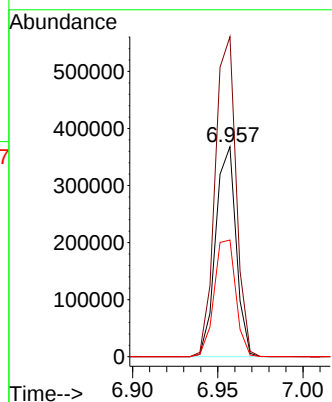
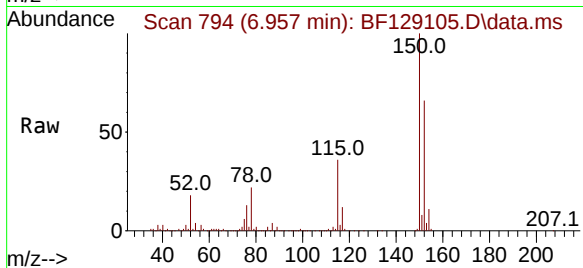




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129105.D
 Acq: 01 Jul 2022 21:58

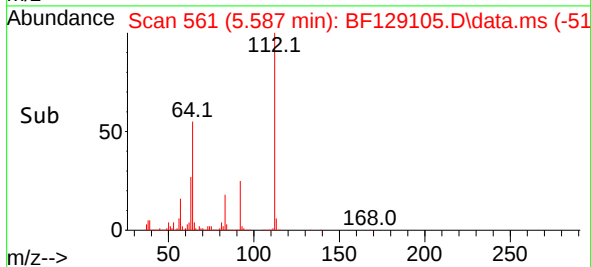
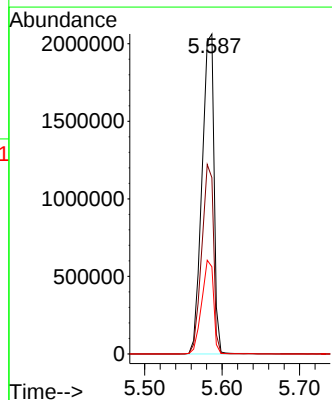
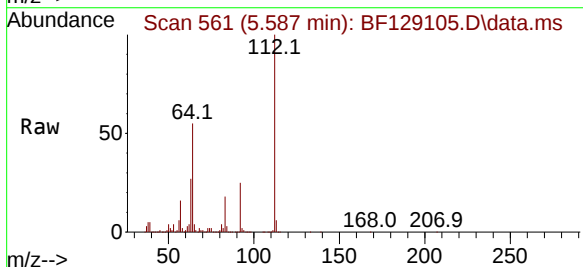
Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tgt Ion:152 Resp: 307780
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.7 185.5
 115 55.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 122.051 ng
 RT: 5.587 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF129105.D
 Acq: 01 Jul 2022 21:58

Tgt Ion:112 Resp: 2221940
 Ion Ratio Lower Upper
 112 100
 64 55.1 53.3 79.9
 63 27.3 28.0 42.0





#7
Phenol-d6
Concen: 121.098 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

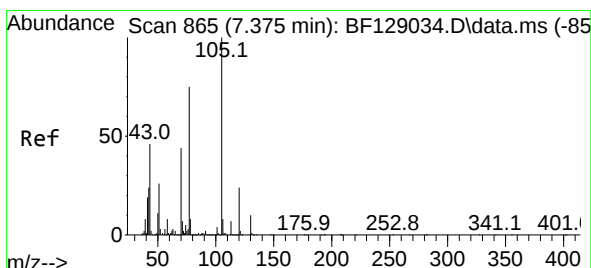
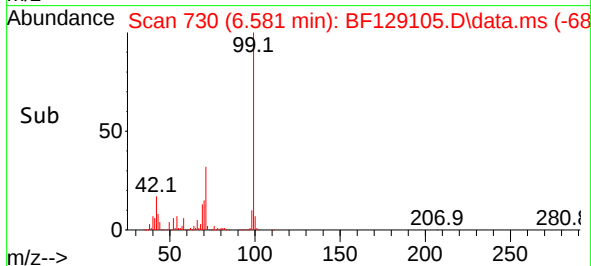
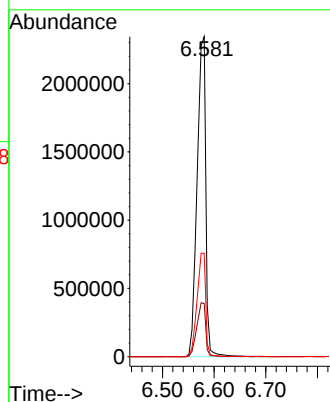
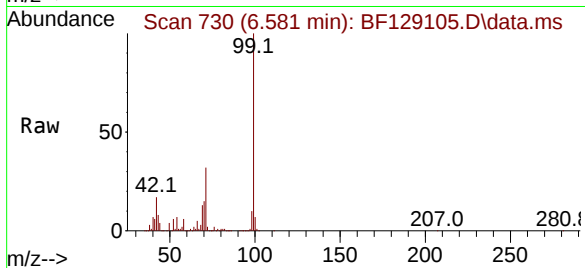
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BNA_F

ClientSampleId :

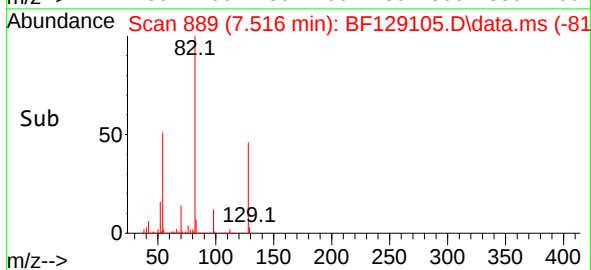
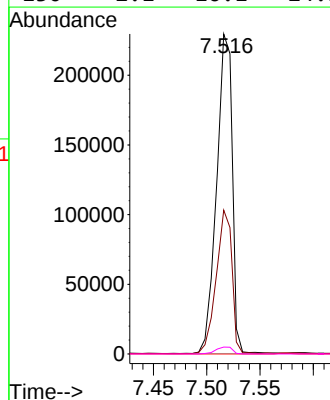
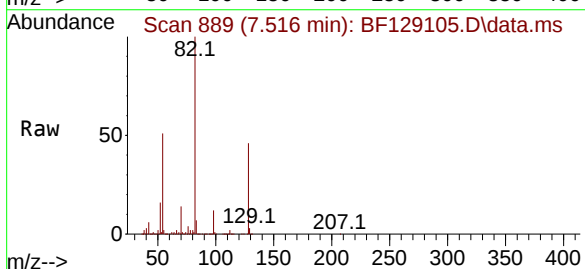
SB-15

Tgt Ion: 99 Resp: 2738025
Ion Ratio Lower Upper
99 100
42 16.6 17.3 25.9#
71 32.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.860 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion: 70 Resp: 233593
Ion Ratio Lower Upper
70 100
42 45.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

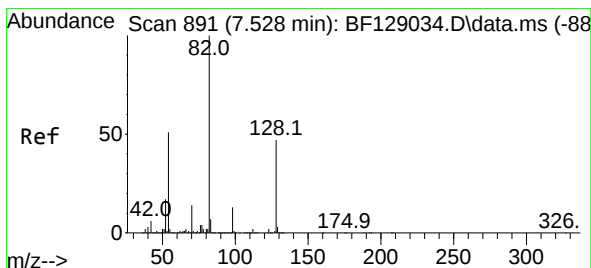
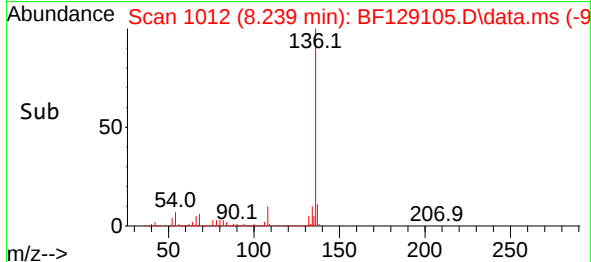
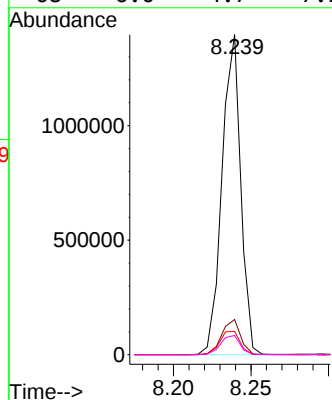
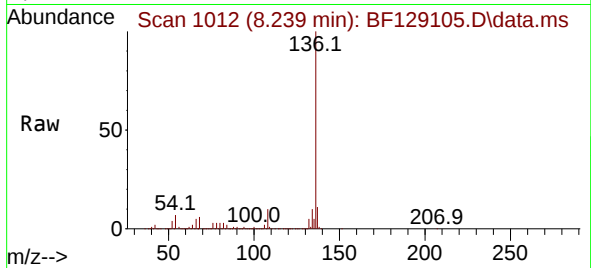




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

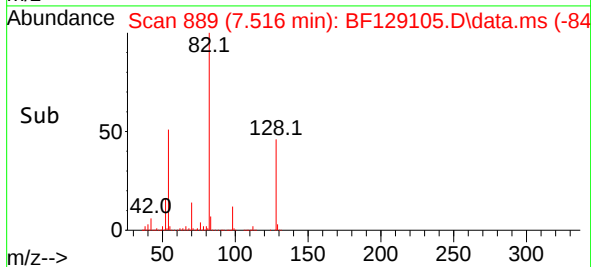
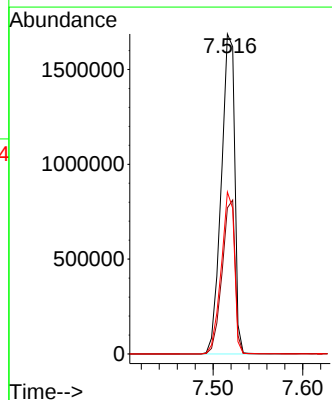
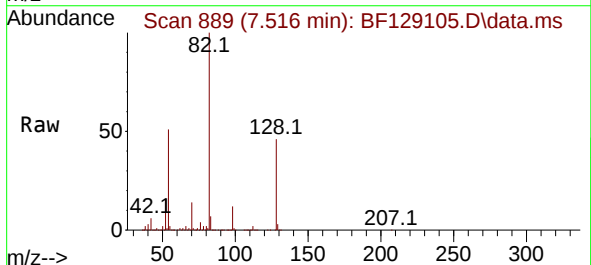
Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:136 Resp: 1171873
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 7.5 11.3#
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 89.455 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion: 82 Resp: 1757525
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 50.6 46.9 70.3

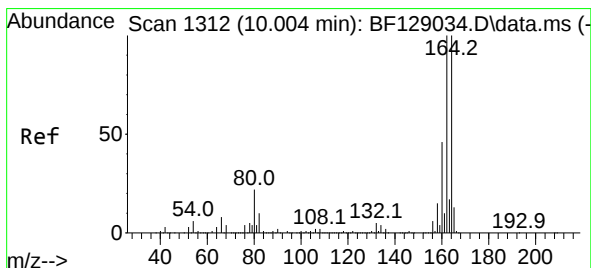
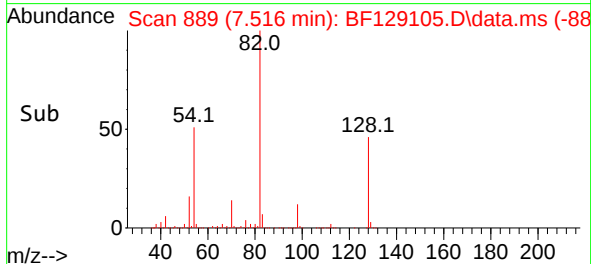
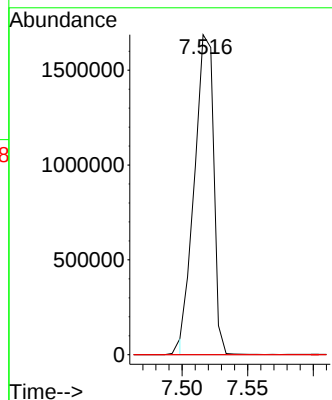
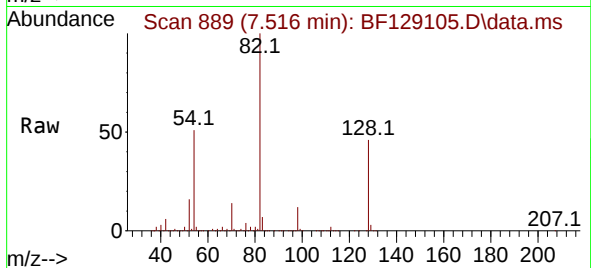




#25
Isophorone
Concen: 51.777 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

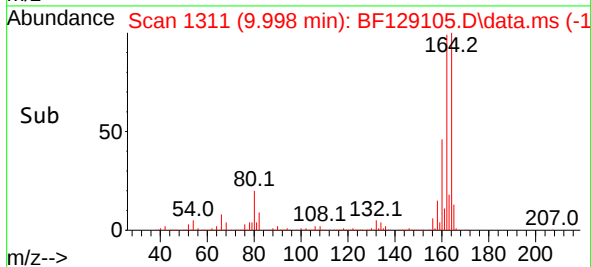
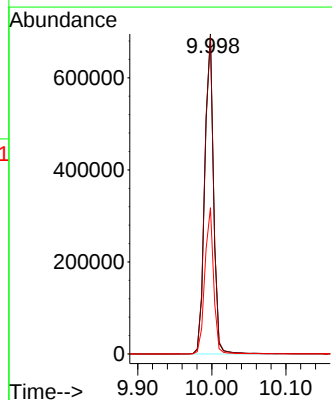
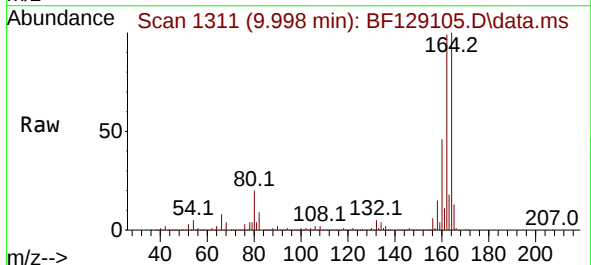
Instrument :
BNA_F
ClientSampleId :
SB-15

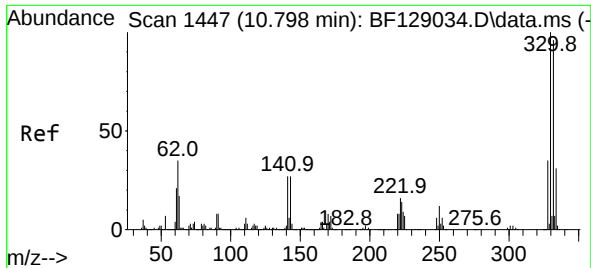
Tgt Ion: 82 Resp: 1719221
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:164 Resp: 572271
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.7 34.2 51.4

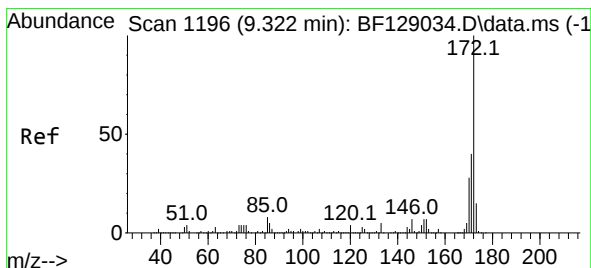
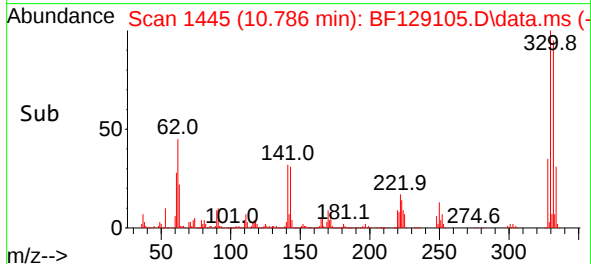
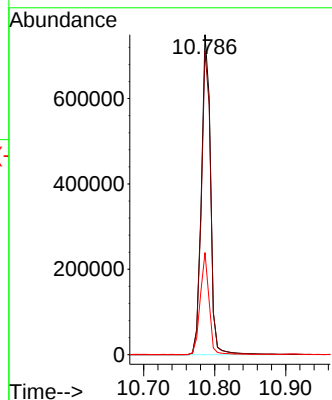
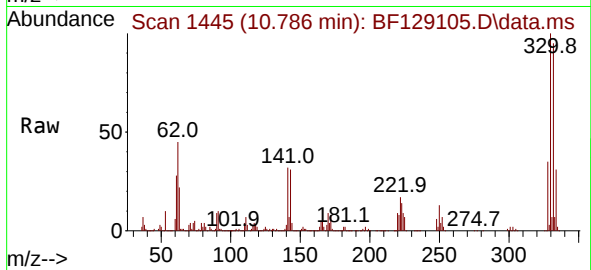




#42
 2,4,6-Tribromophenol
 Concen: 108.286 ng
 RT: 10.786 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF129105.D
 Acq: 01 Jul 2022 21:58

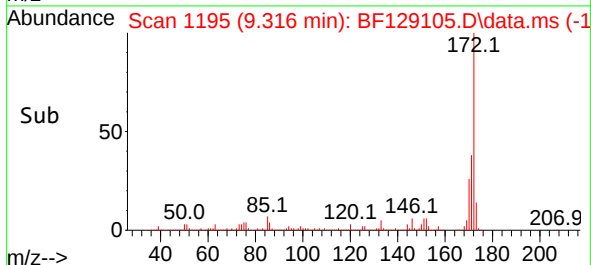
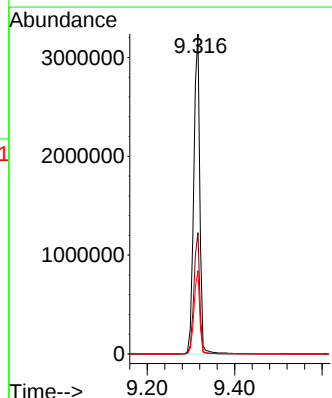
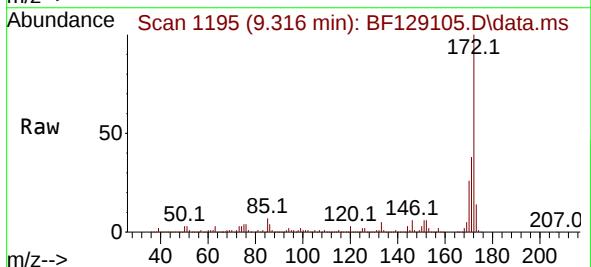
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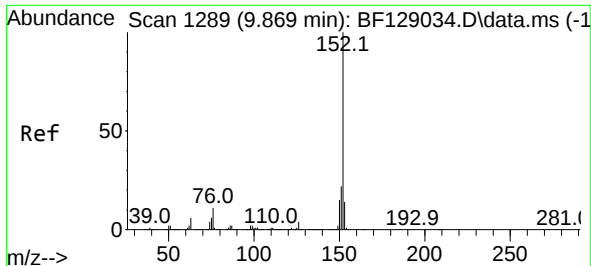
Tgt Ion:330 Resp: 673817
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 30.6 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 87.162 ng
 RT: 9.316 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF129105.D
 Acq: 01 Jul 2022 21:58

Tgt Ion:172 Resp: 3117921
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.8 43.2
 170 26.1 19.8 29.8

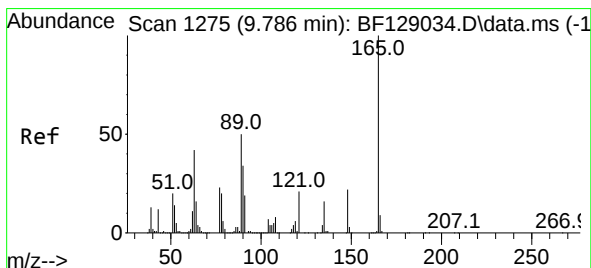
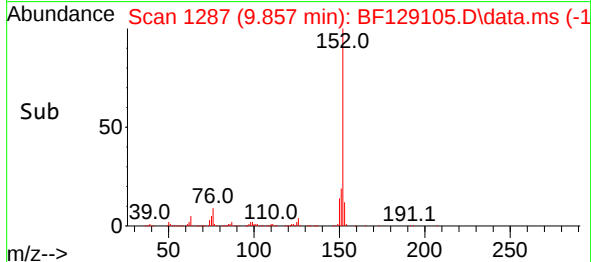
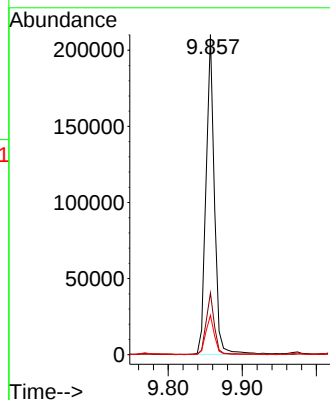
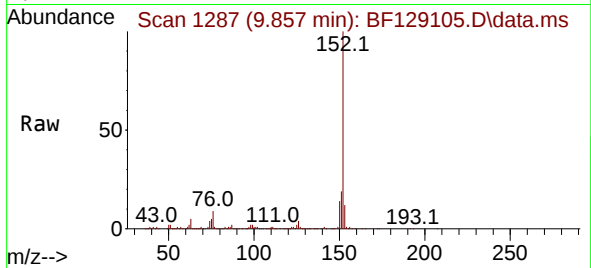




#49
Acenaphthylene
Concen: 3.441 ng
RT: 9.857 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

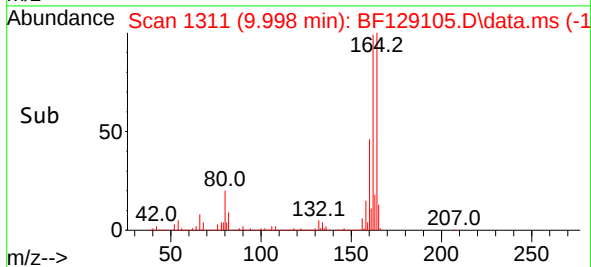
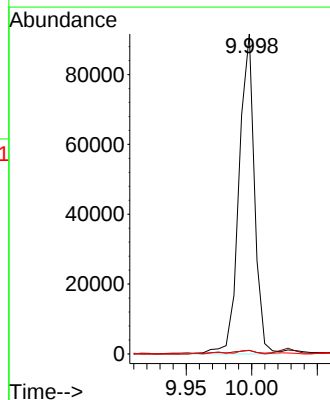
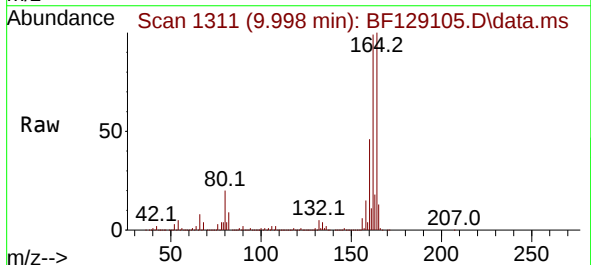
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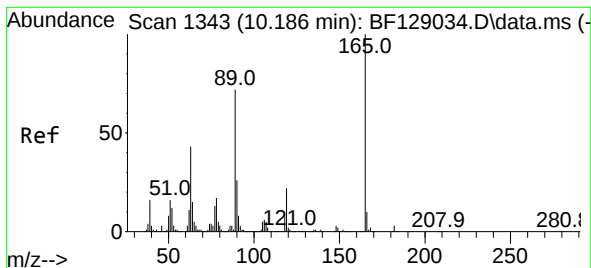
Tgt Ion:152 Resp: 166097
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 12.3 10.7 16.1



#51
2,6-Dinitrotoluene
Concen: 10.314 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:165 Resp: 75458
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.1 43.6 65.4#

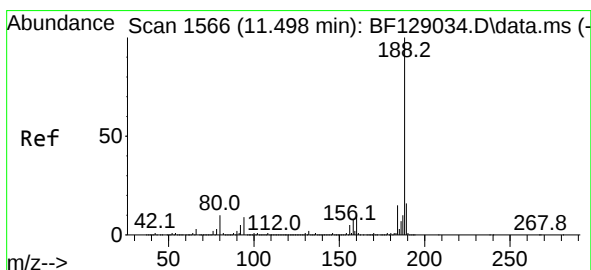
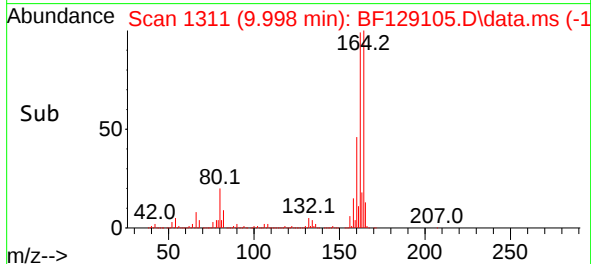
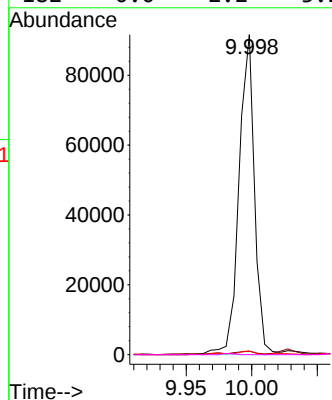
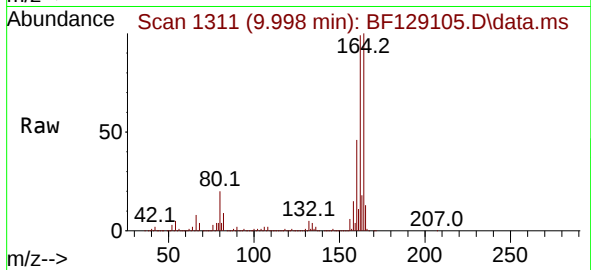




#57
2,4-Dinitrotoluene
Concen: 8.355 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

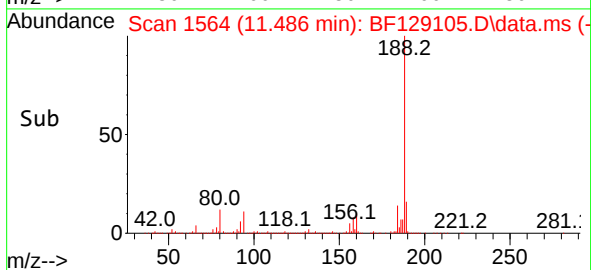
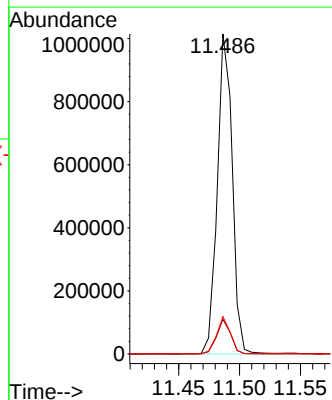
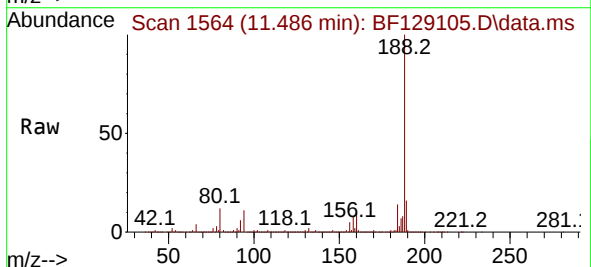
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BNA_F
ClientSampleId :
SB-15

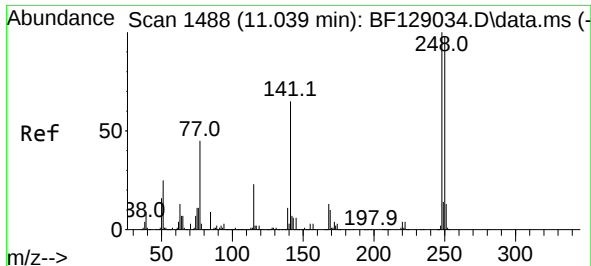
Tgt Ion:165 Resp: 75458
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:188 Resp: 869103
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.7 7.6 11.4#

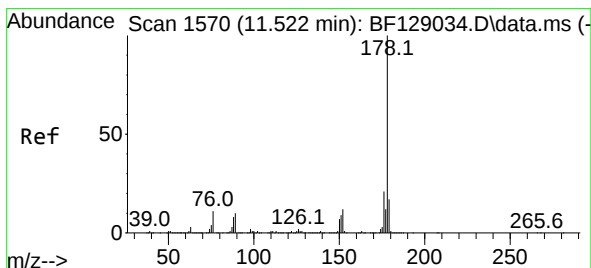
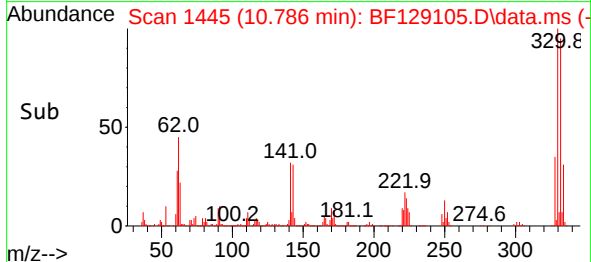
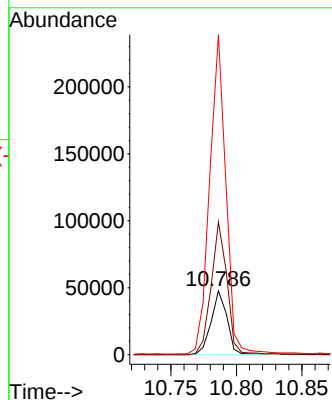
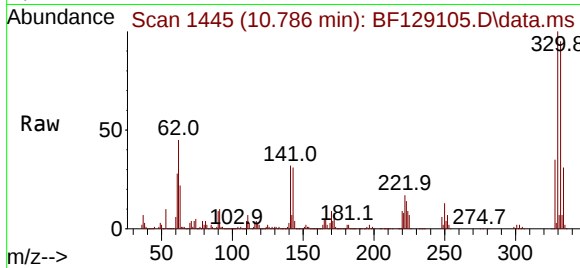




#67
4-Bromophenyl-phenylether
Concen: 4.367 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

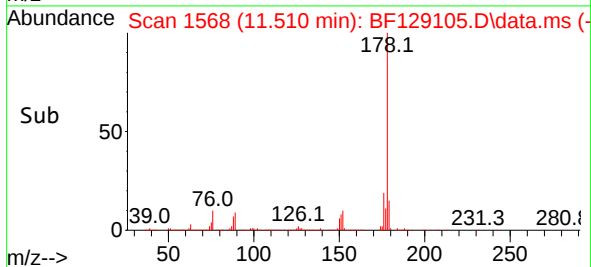
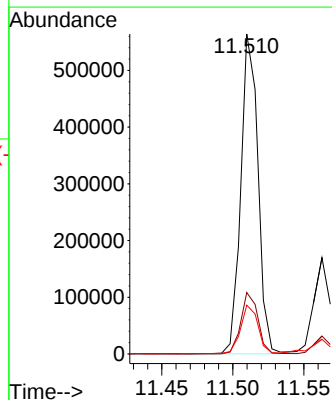
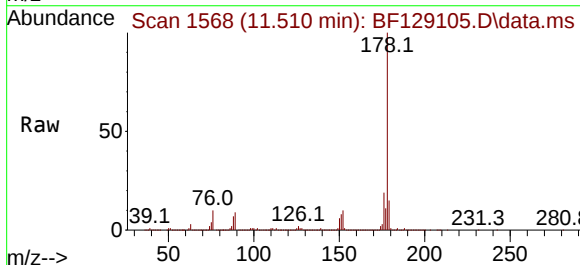
Instrument :
BNA_F
ClientSampleId :
SB-15

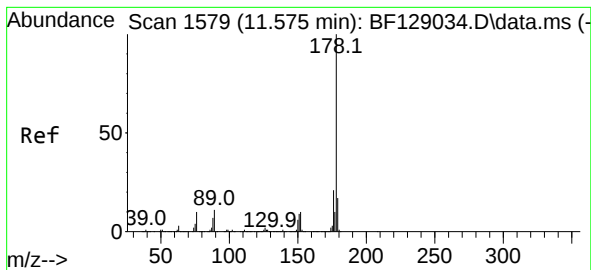
Tgt Ion:248 Resp: 40373
Ion Ratio Lower Upper
248 100
250 208.0 80.6 120.8#
141 501.0 58.9 88.3#



#71
Phenanthrene
Concen: 11.427 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:178 Resp: 474529
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.3 12.6 19.0





#72

Anthracene

Concen: 3.206 ng

RT: 11.563 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

Instrument :

BNA_F

ClientSampleId :

SB-15

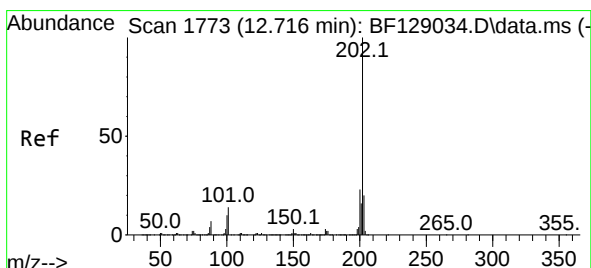
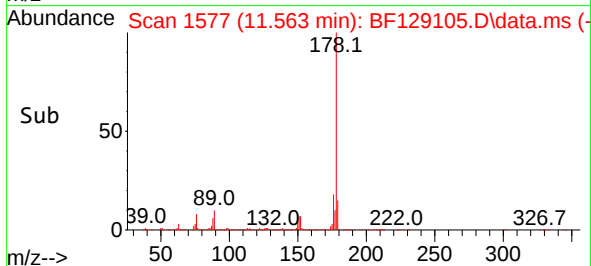
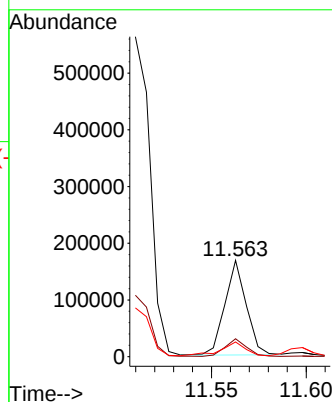
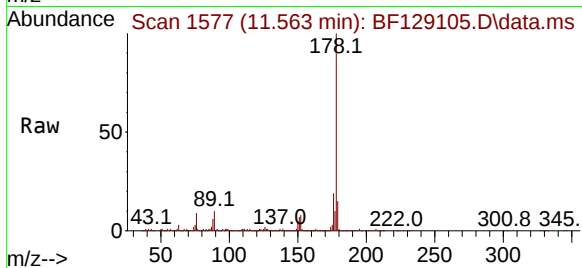
Tgt Ion:178 Resp: 131253

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.3 12.6 19.0



#75

Fluoranthene

Concen: 23.607 ng

RT: 12.710 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

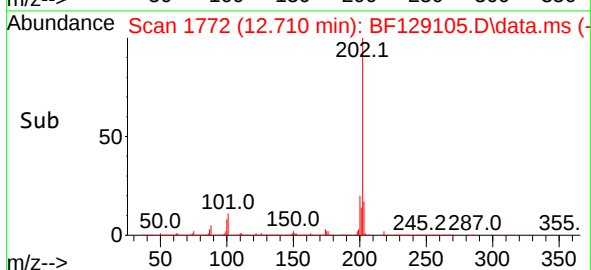
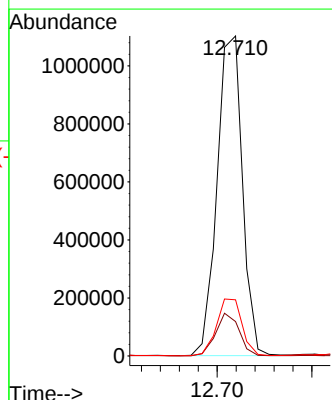
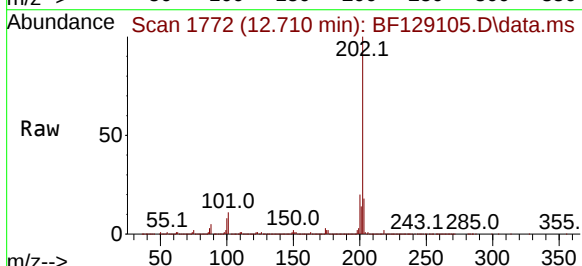
Tgt Ion:202 Resp: 1025221

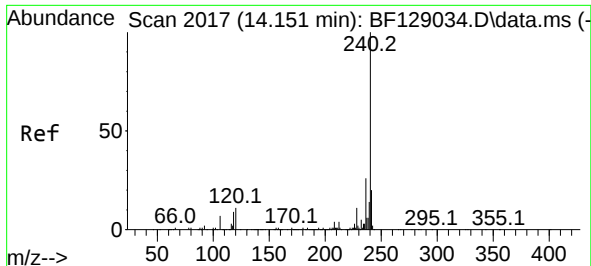
Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 17.5 0.0 38.0

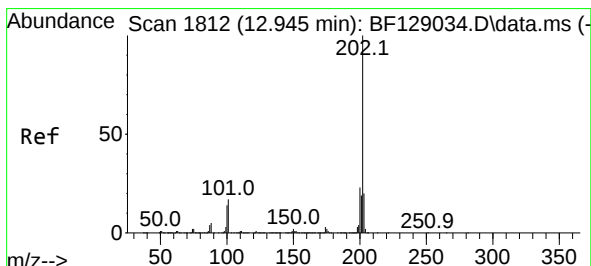
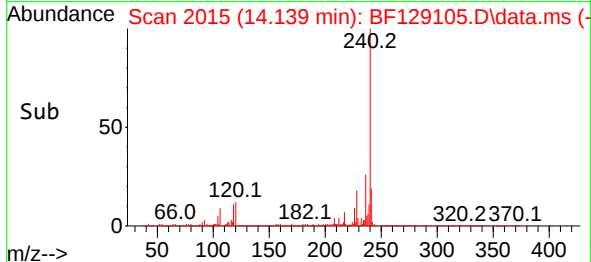
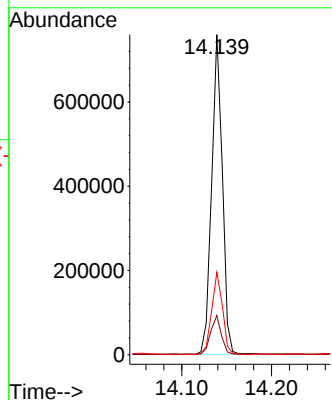
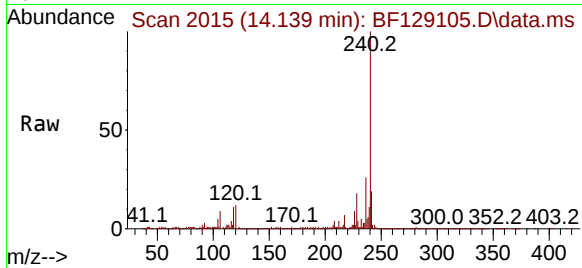




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

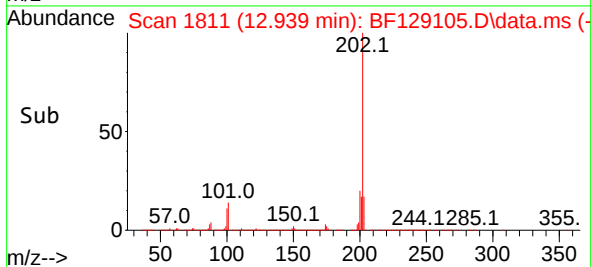
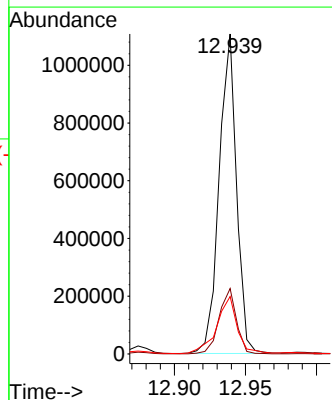
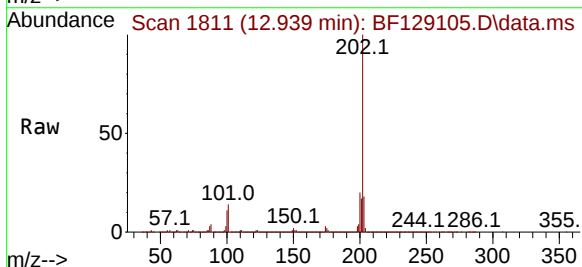
Instrument :
BNA_F
ClientSampleId :
SB-15

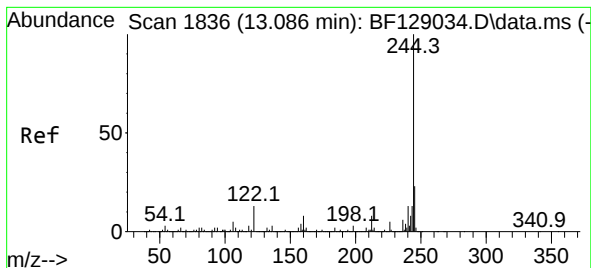
Tgt Ion:240 Resp: 629858
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.8 20.8 31.2



#78
Pyrene
Concen: 21.555 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:202 Resp: 941052
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 86.611 ng

RT: 13.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

Instrument :

BNA_F

ClientSampleId :

SB-15

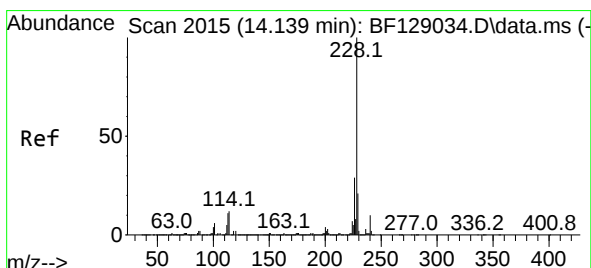
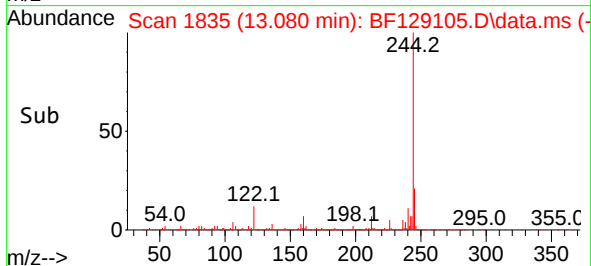
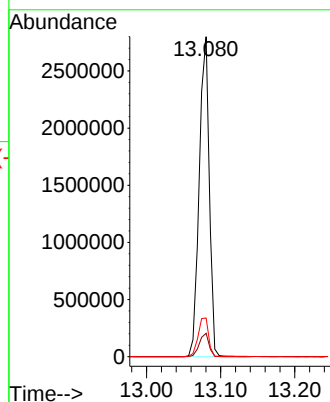
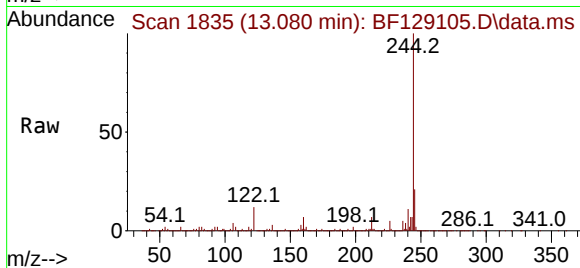
Tgt Ion:244 Resp: 2626978

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 12.1 8.8 13.2



#81

Benzo(a)anthracene

Concen: 14.317 ng

RT: 14.163 min Scan# 2019

Delta R.T. 0.023 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

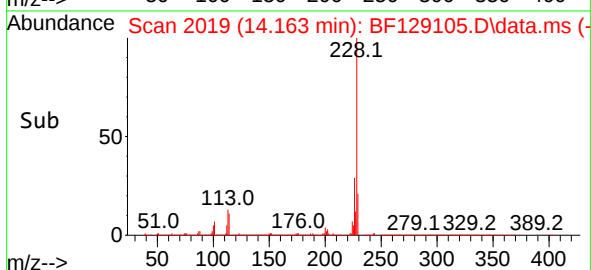
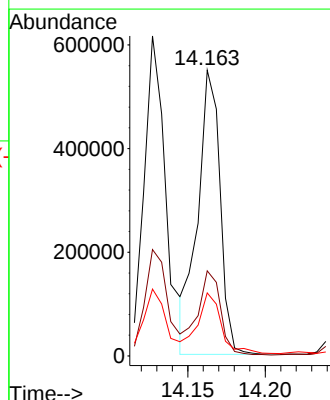
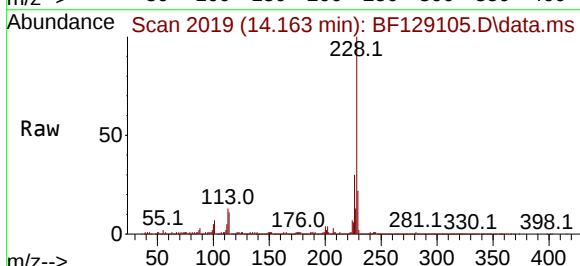
Tgt Ion:228 Resp: 550597

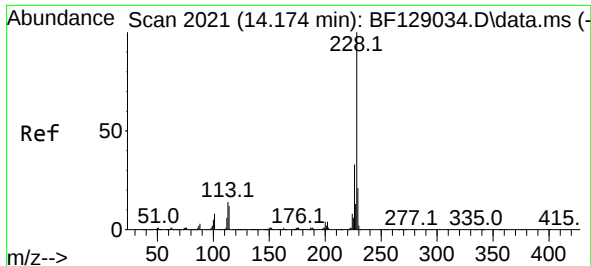
Ion Ratio Lower Upper

228 100

226 29.8 22.1 33.1

229 22.0 15.8 23.8

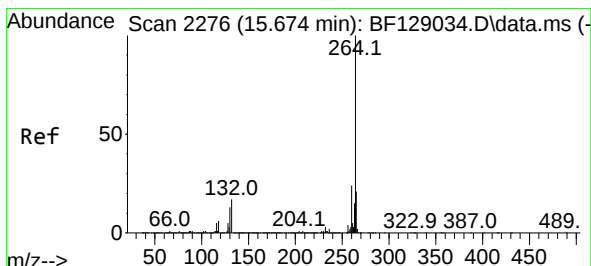
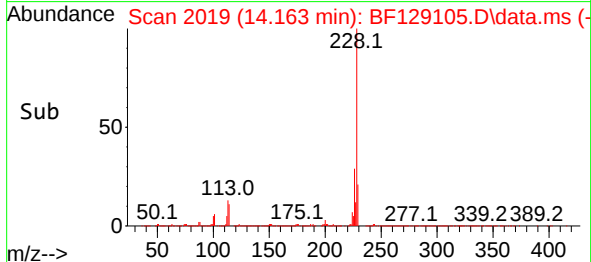
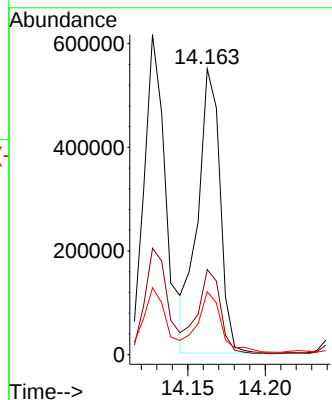
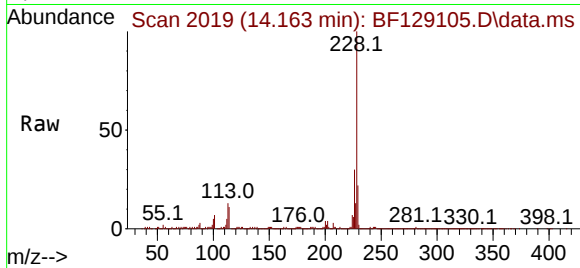




#83
Chrysene
Concen: 15.422 ng
RT: 14.163 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

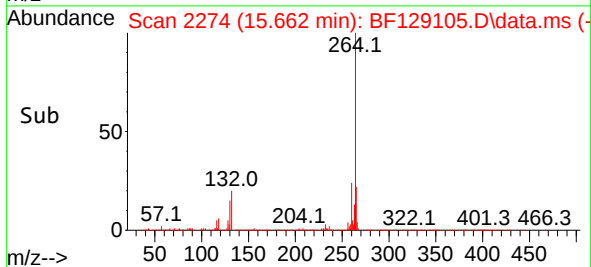
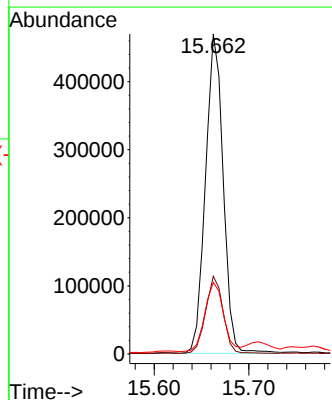
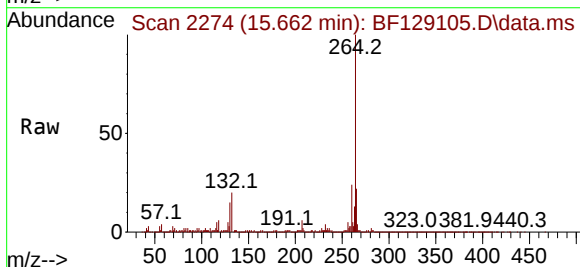
Instrument :
BNA_F
ClientSampleId :
SB-15

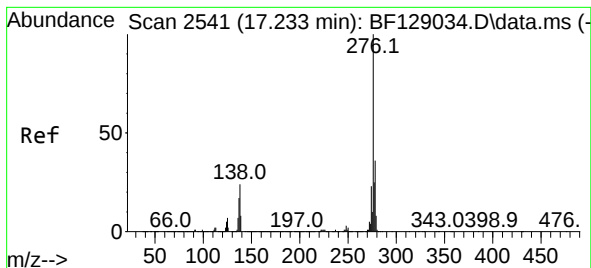
Tgt Ion:228 Resp: 550597
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.0 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:264 Resp: 607168
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.610 ng

RT: 17.209 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

Instrument :

BNA_F

ClientSampleId :

SB-15

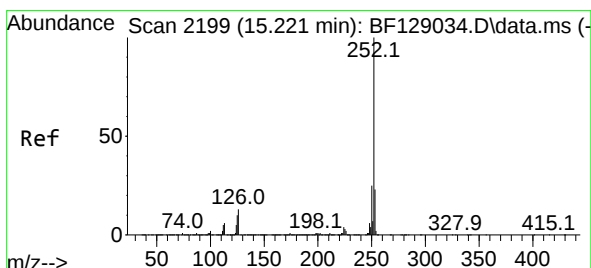
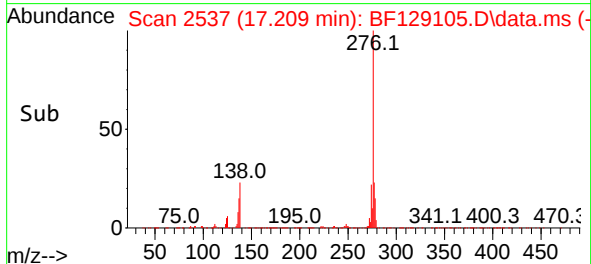
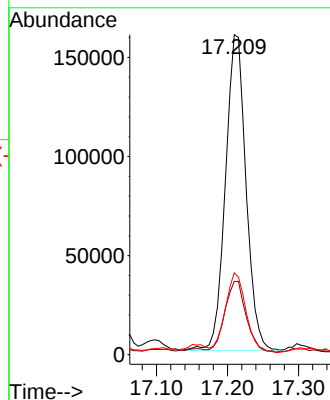
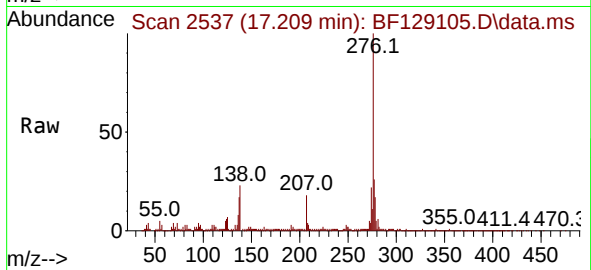
Tgt Ion:276 Resp: 320619

Ion Ratio Lower Upper

276 100

138 23.2 21.1 31.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 30.273 ng

RT: 15.210 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

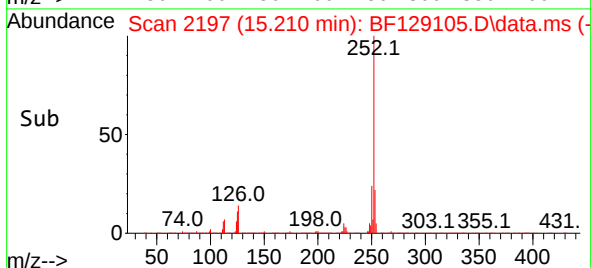
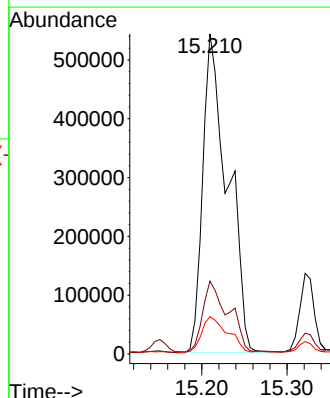
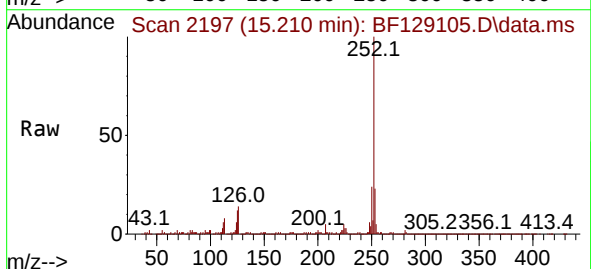
Tgt Ion:252 Resp: 1105436

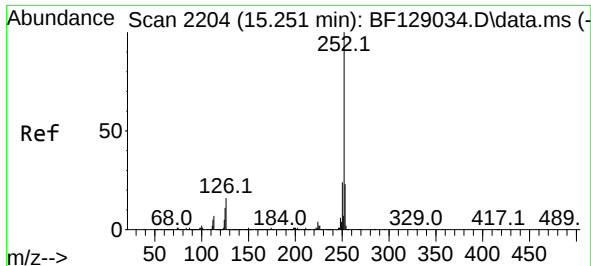
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.7 8.0 12.0

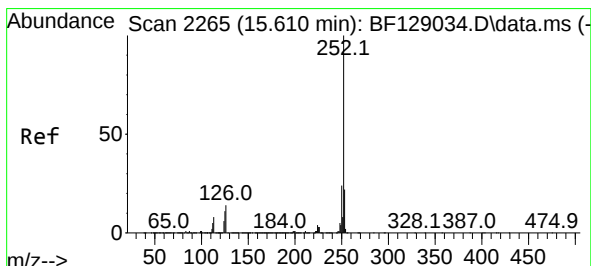
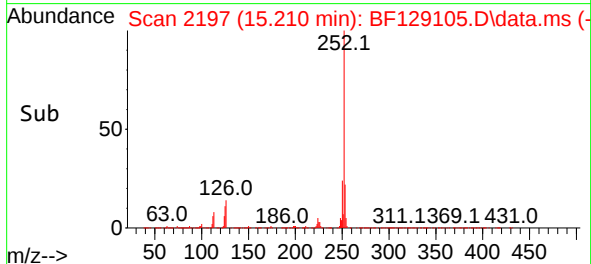
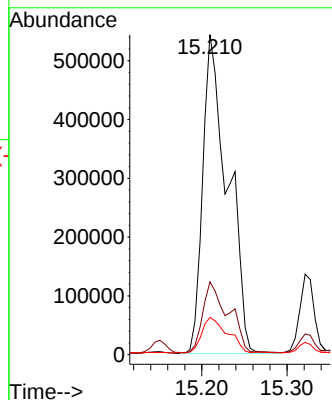
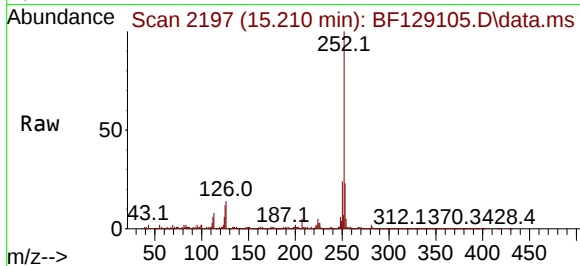




#89
Benzo(k)fluoranthene
Concen: 31.212 ng
RT: 15.210 min Scan# 2197
Delta R.T. -0.041 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

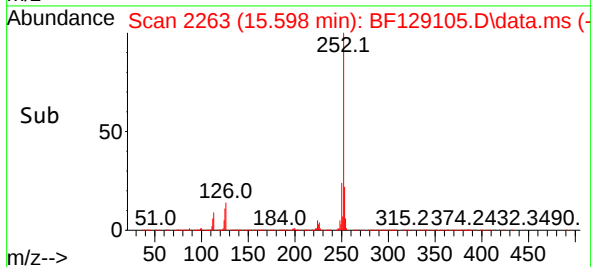
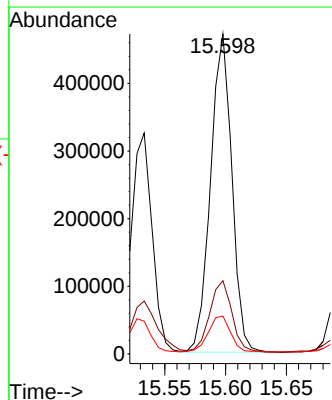
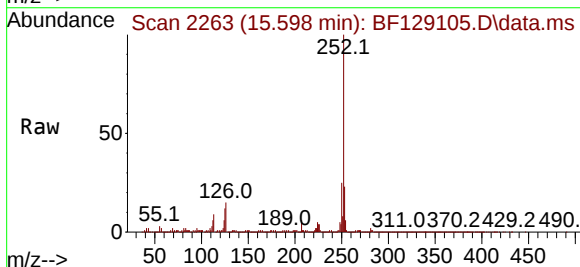
Instrument :
BNA_F
ClientSampleId :
SB-15

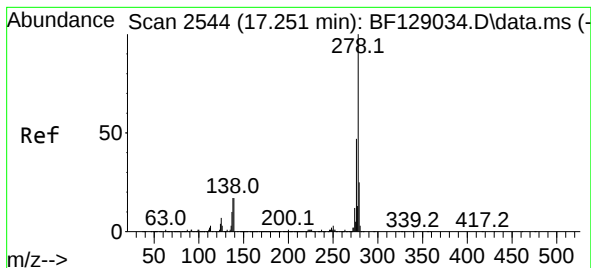
Tgt Ion:252 Resp: 1105436
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 19.245 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129105.D
Acq: 01 Jul 2022 21:58

Tgt Ion:252 Resp: 572864
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 2.808 ng

RT: 17.221 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

Instrument :

BNA_F

ClientSampleId :

SB-15

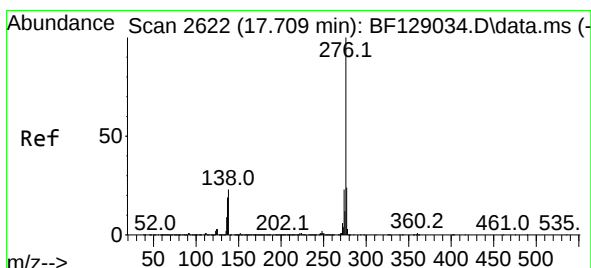
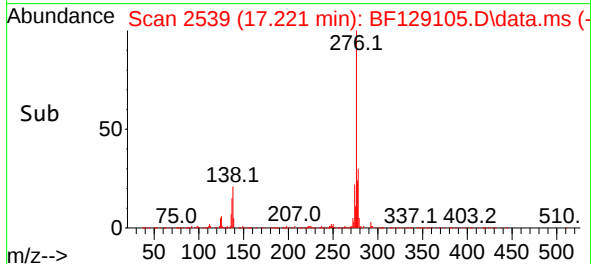
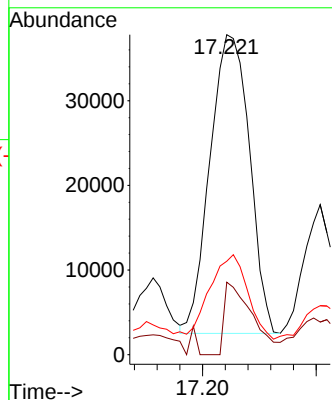
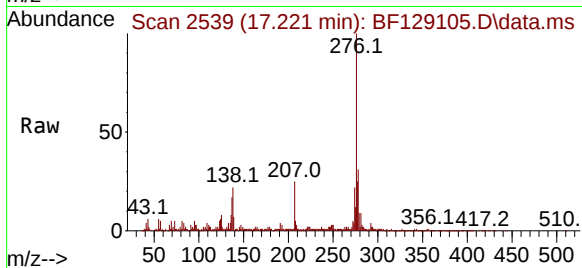
Tgt Ion:278 Resp: 85243

Ion Ratio Lower Upper

278 100

139 22.7 12.8 19.2#

279 29.2 18.6 28.0#



#92

Benzo(g,h,i)perylene

Concen: 9.515 ng

RT: 17.686 min Scan# 2618

Delta R.T. -0.024 min

Lab File: BF129105.D

Acq: 01 Jul 2022 21:58

Tgt Ion:276 Resp: 289803

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 23.2 18.0 27.0

