

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129255.D
 Acq On : 16 Jul 2022 00:11
 Operator : CG\JU
 Sample : N3730-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jul 16 01:44:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

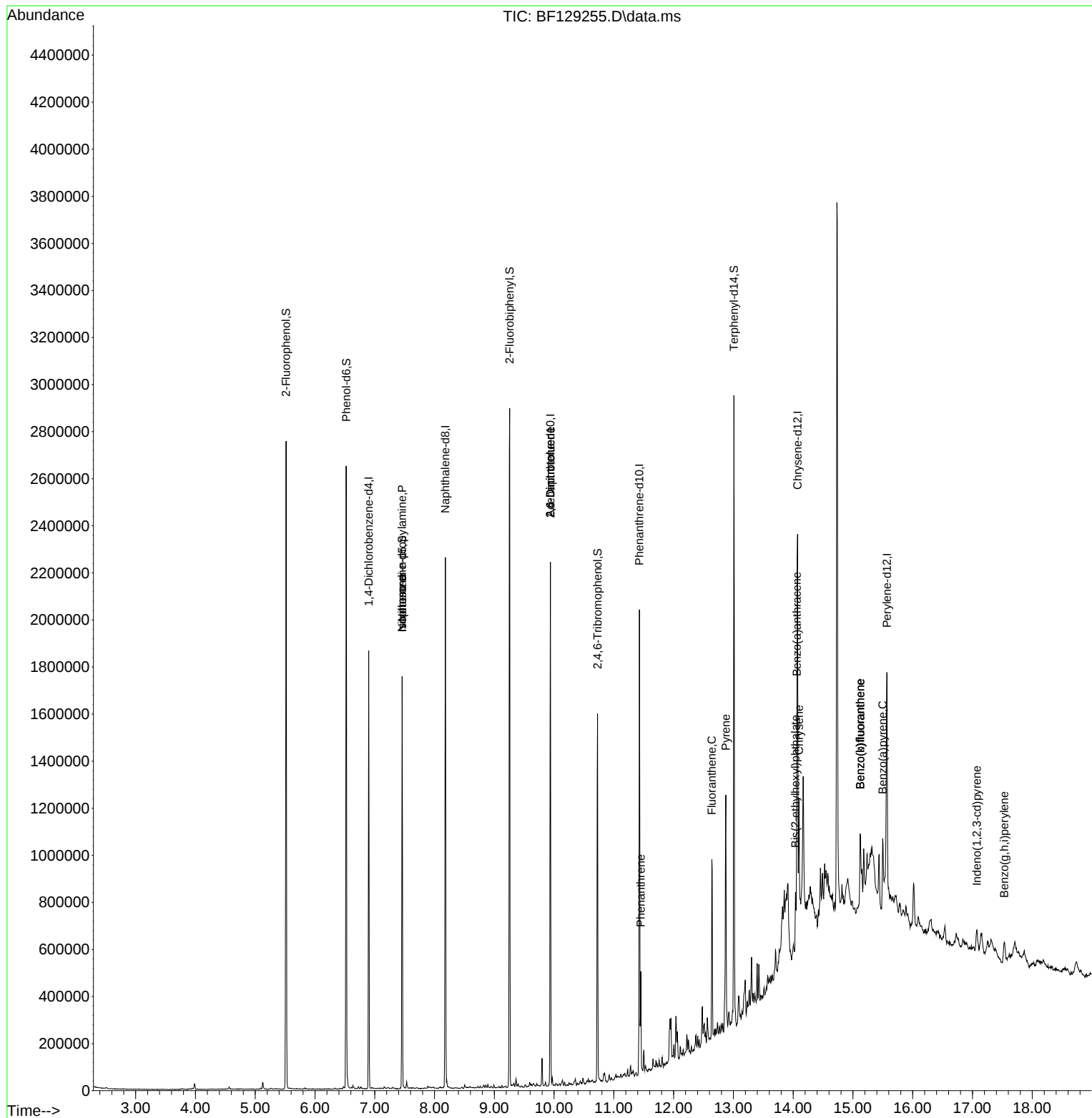
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	233971	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	860301	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	407600	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	632666	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	520969	20.000	ng	0.00
86) Perylene-d12	15.568	264	377153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	666720	45.509	ng	0.00
7) Phenol-d6	6.522	99	825372	43.560	ng	0.00
23) Nitrobenzene-d5	7.457	82	483109	30.018	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	158946	42.013	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	859371	35.720	ng	0.00
79) Terphenyl-d14	13.010	244	821790	29.509	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	63468	5.695	ng	# 78
25) Isophorone	7.457	82	483013	17.857	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	53217	9.298	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	53217	7.090	ng	# 22
71) Phenanthrene	11.451	178	134563	4.189	ng	98
75) Fluoranthene	12.639	202	289335	9.044	ng	96
78) Pyrene	12.874	202	382204	9.058	ng	96
81) Benzo(a)anthracene	14.063	228	191973	5.842	ng	94
83) Chrysene	14.098	228	207302	6.609	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	63358	2.533	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.074	276	65975	2.805	ng	98
88) Benzo(b)fluoranthene	15.121	252	227234	9.807	ng	# 93
89) Benzo(k)fluoranthene	15.121	252	227234	10.038	ng	# 93
90) Benzo(a)pyrene	15.498	252	127651	6.768	ng	# 94
92) Benzo(g,h,i)perylene	17.533	276	75595	3.888	ng	# 89

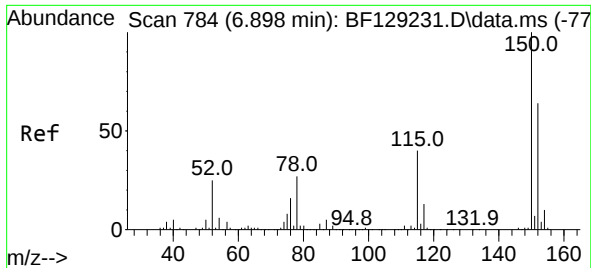
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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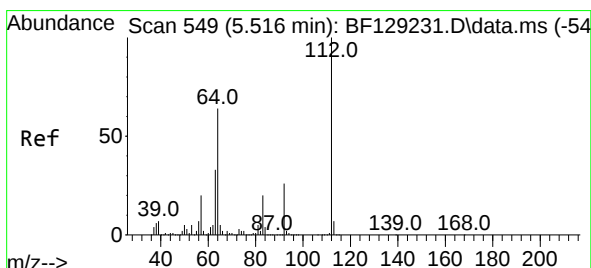
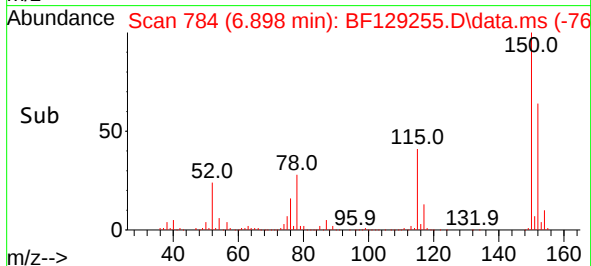
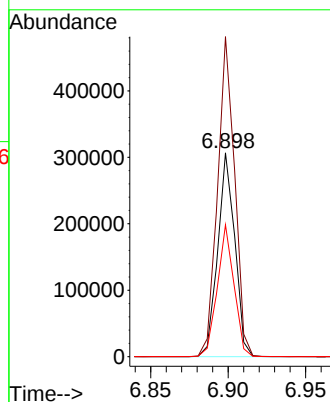
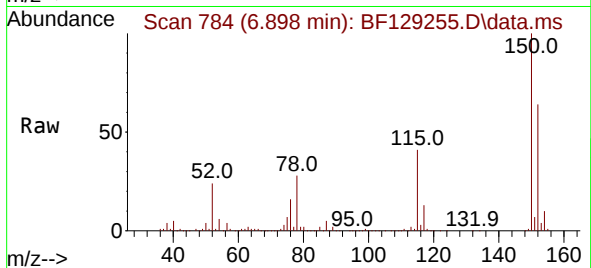




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129255.D
 Acq: 16 Jul 2022 00:11

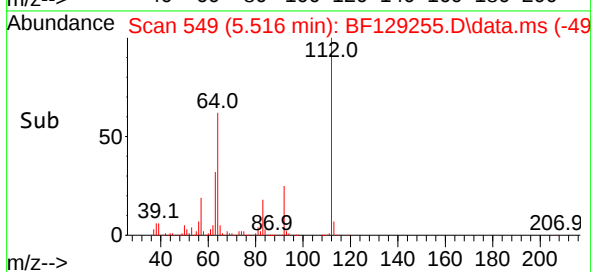
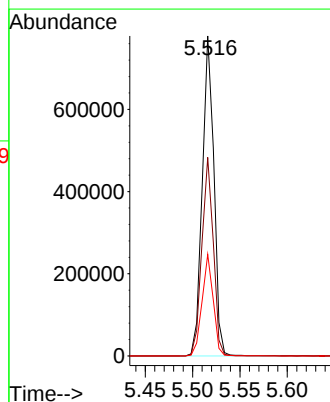
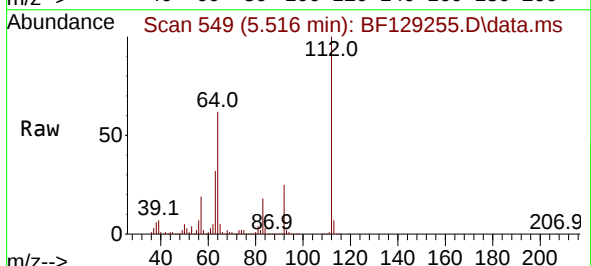
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:152 Resp: 233971
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 45.509 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF129255.D
 Acq: 16 Jul 2022 00:11

Tgt Ion:112 Resp: 666720
 Ion Ratio Lower Upper
 112 100
 64 62.0 53.3 79.9
 63 31.8 28.0 42.0

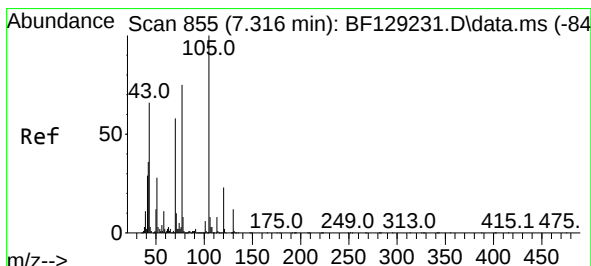
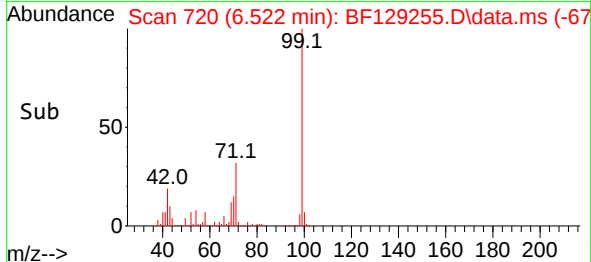
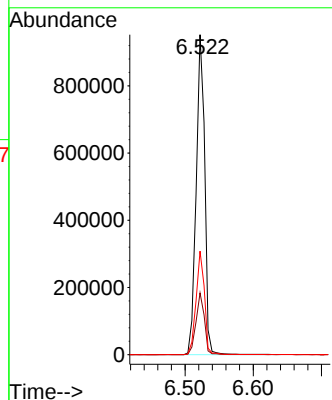
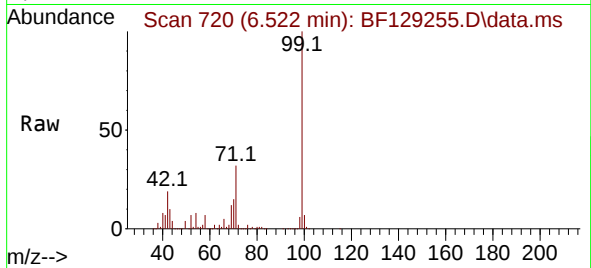




#7
Phenol-d6
Concen: 43.560 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

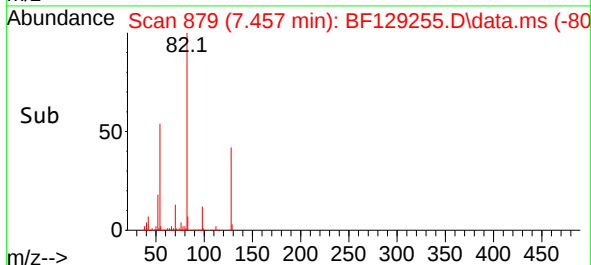
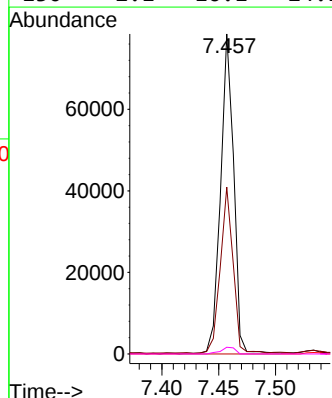
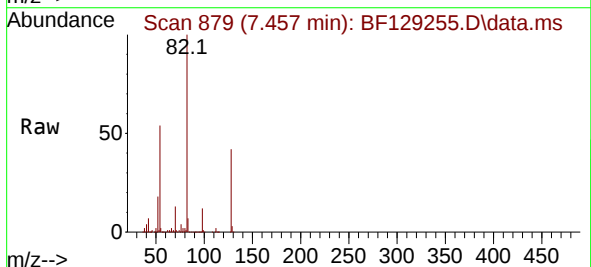
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

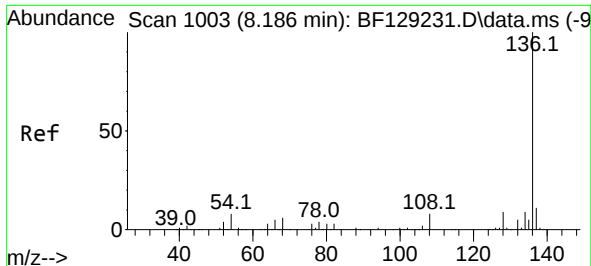
Tgt Ion: 99 Resp: 825372
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 32.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 5.695 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion: 70 Resp: 63468
Ion Ratio Lower Upper
70 100
42 52.1 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: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tgt Ion:136 Resp: 860301

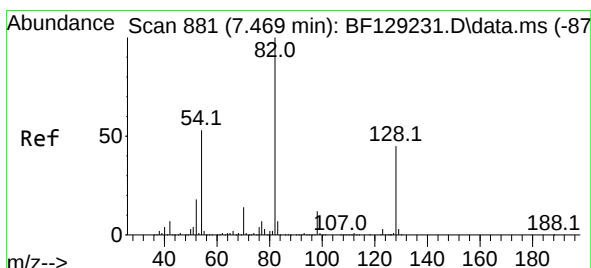
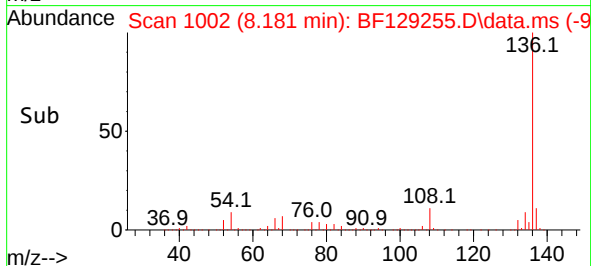
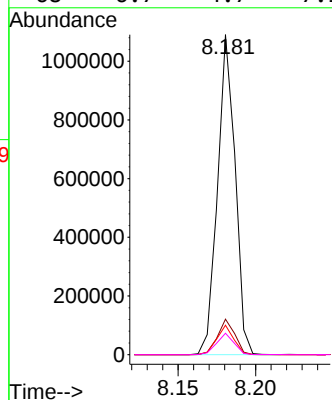
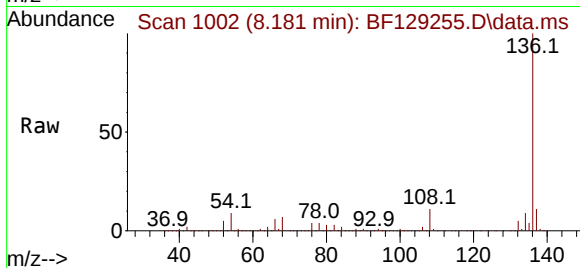
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.2 7.5 11.3

68 6.7 4.7 7.1



#23

Nitrobenzene-d5

Concen: 30.018 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.012 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

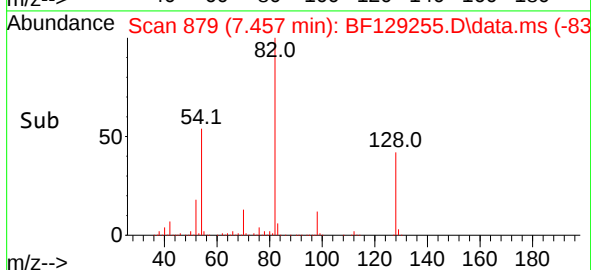
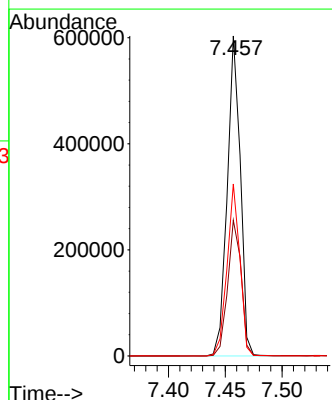
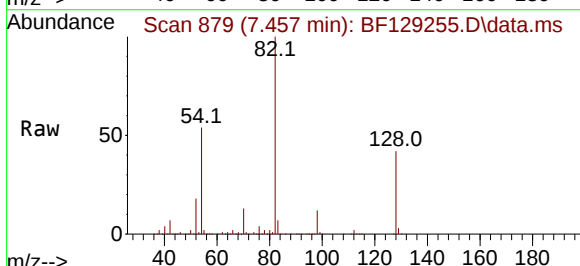
Tgt Ion: 82 Resp: 483109

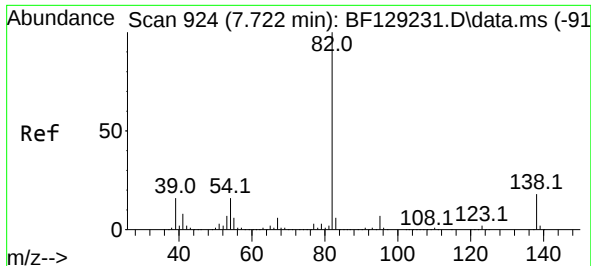
Ion Ratio Lower Upper

82 100

128 42.4 34.0 51.0

54 53.7 46.9 70.3

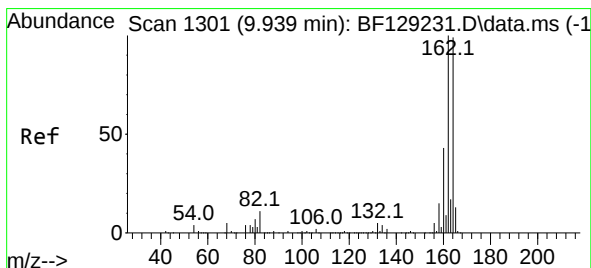
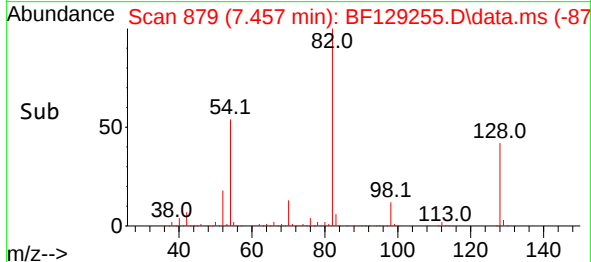
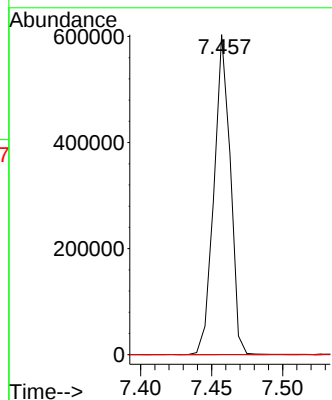
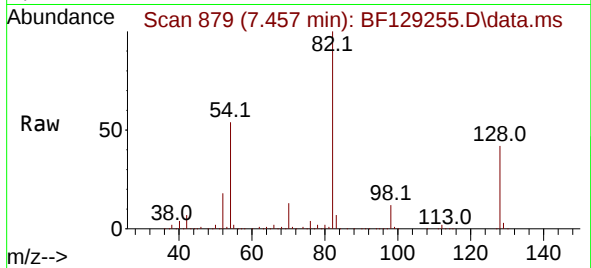




#25
Isophorone
Concen: 17.857 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

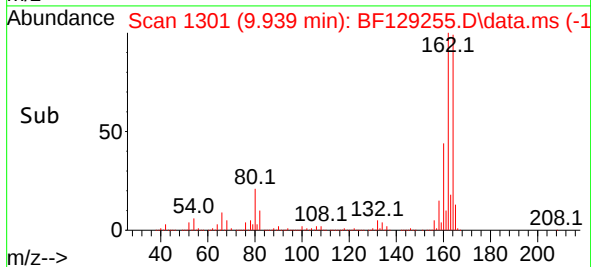
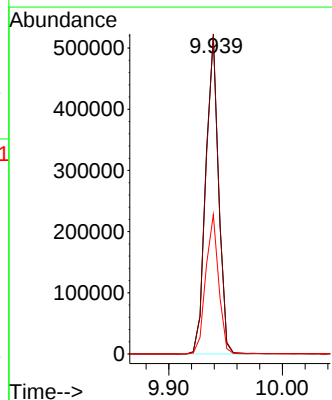
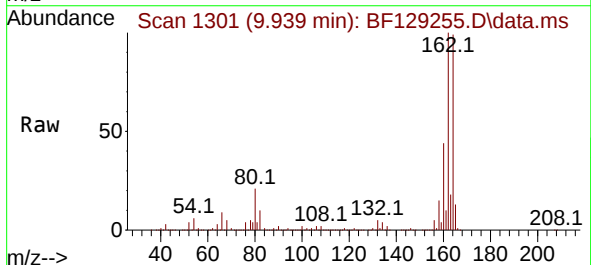
Instrument :
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SB-01-COMP

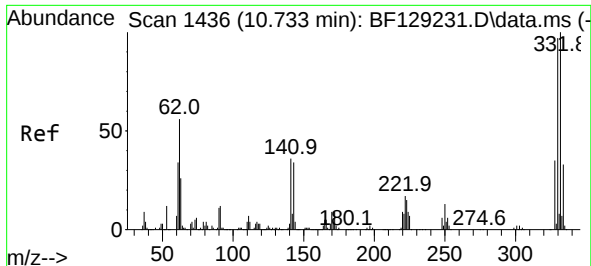
Tgt Ion: 82 Resp: 483013
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

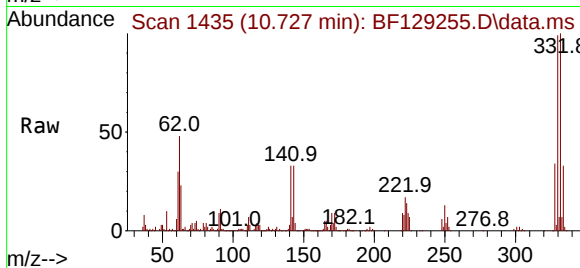
Tgt Ion:164 Resp: 407600
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 43.9 34.2 51.4



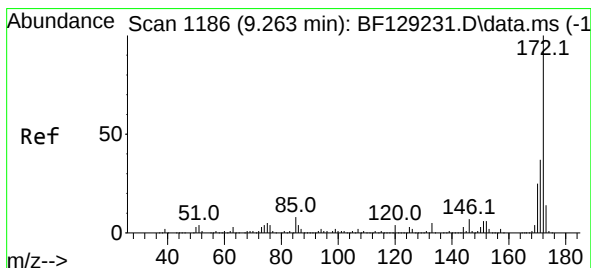
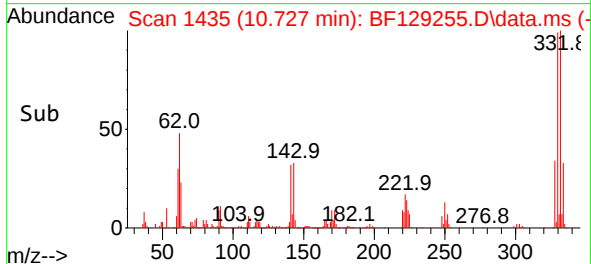
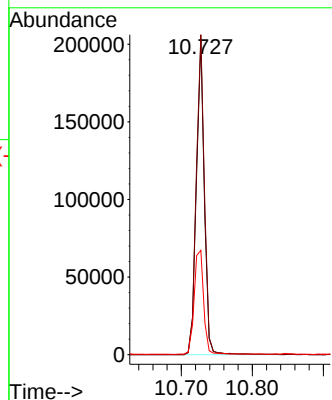


#42
2,4,6-Tribromophenol
Concen: 42.013 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

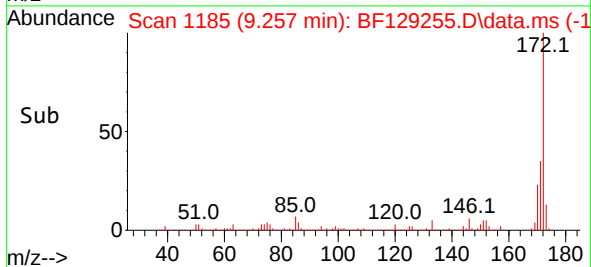
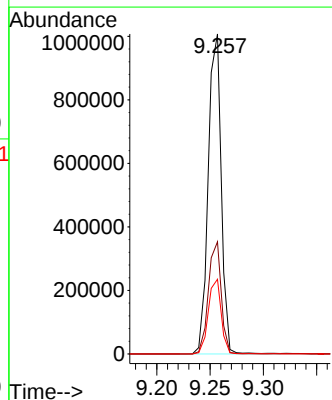
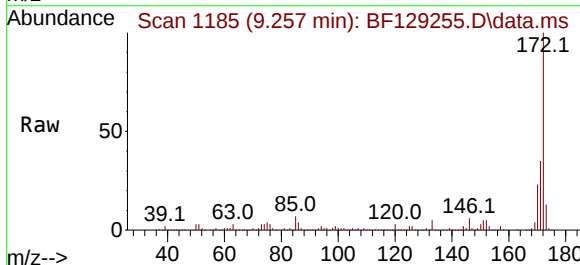


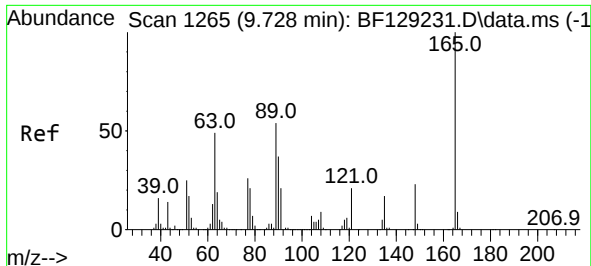
Tgt Ion:330 Resp: 158946
Ion Ratio Lower Upper
330 100
332 103.9 76.8 115.2
141 39.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 35.720 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:172 Resp: 859371
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.3 19.8 29.8

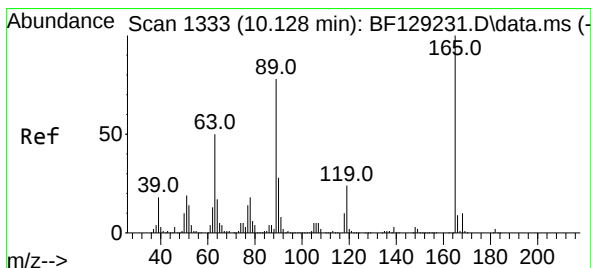
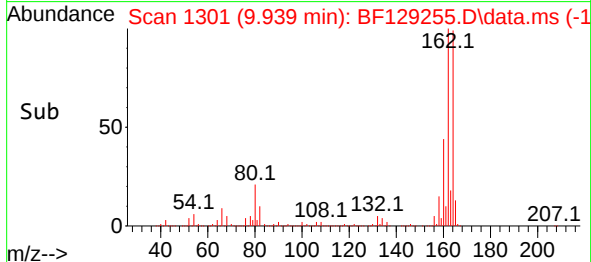
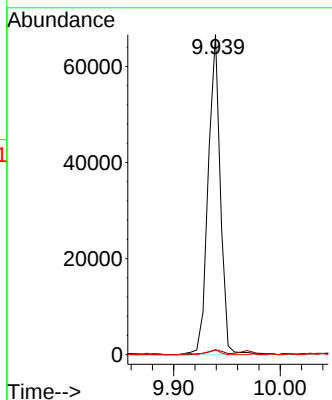
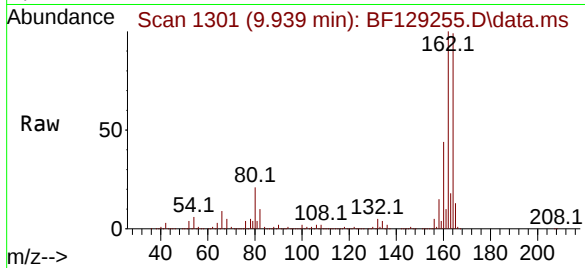




#51
2,6-Dinitrotoluene
Concen: 9.298 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

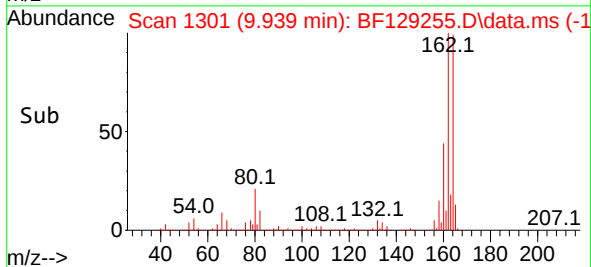
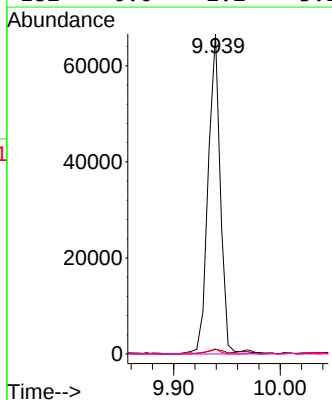
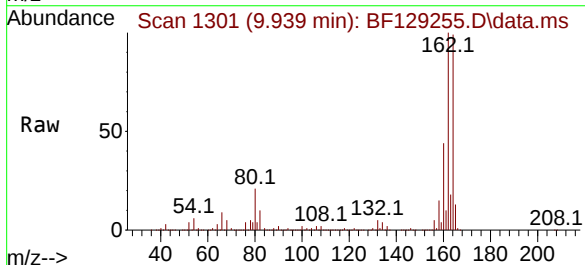
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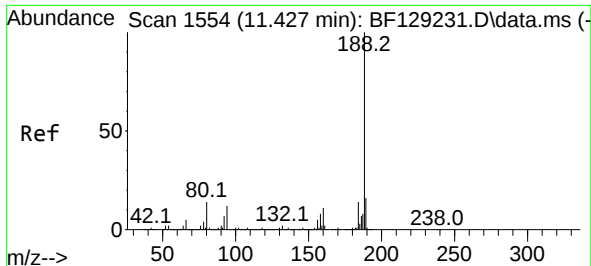
Tgt Ion:165 Resp: 53217
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.090 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:165 Resp: 53217
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

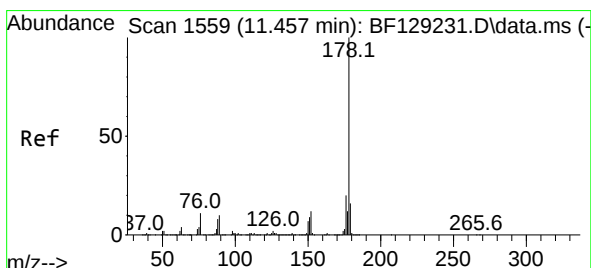
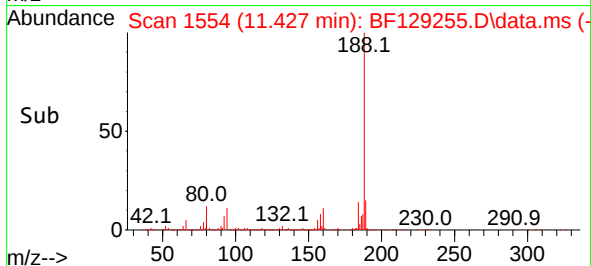
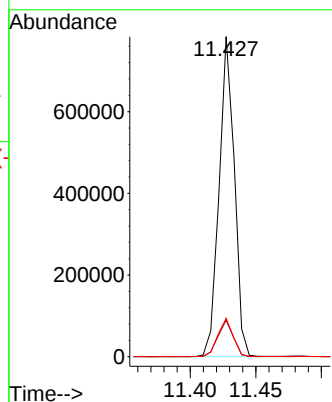
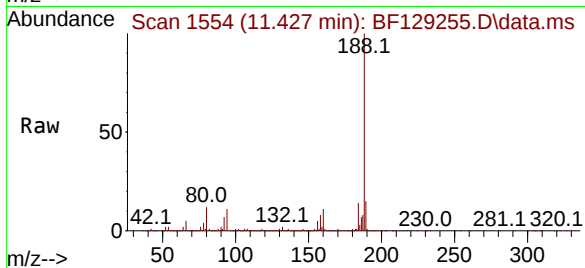




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

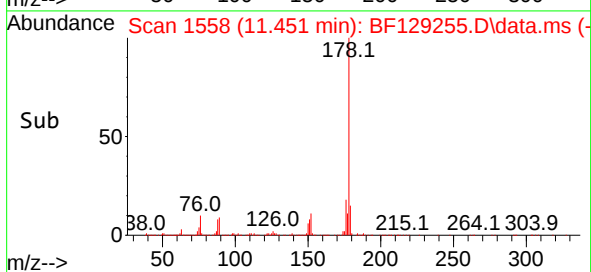
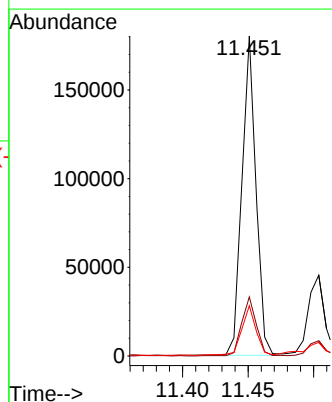
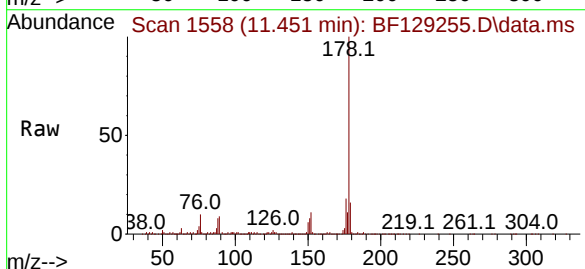
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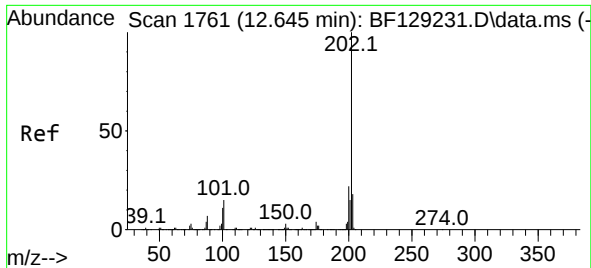
Tgt Ion:188 Resp: 632666
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6#
80 12.0 7.6 11.4#



#71
Phenanthrene
Concen: 4.189 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:178 Resp: 134563
Ion Ratio Lower Upper
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176 18.4 16.0 24.0
179 15.7 12.6 19.0

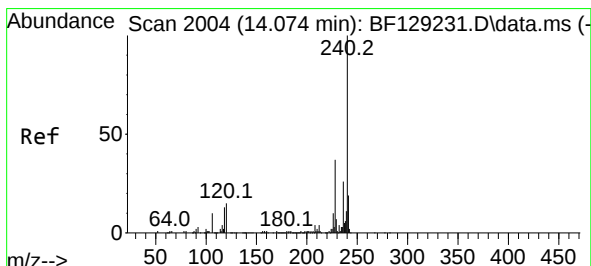
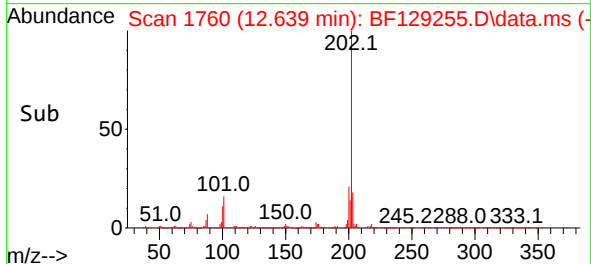
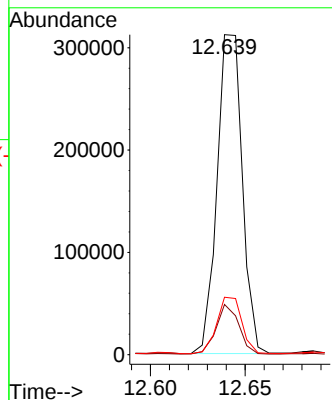
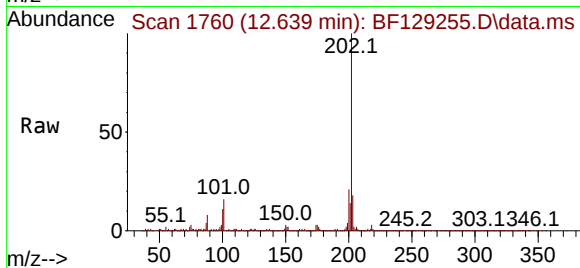




#75
Fluoranthene
Concen: 9.044 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

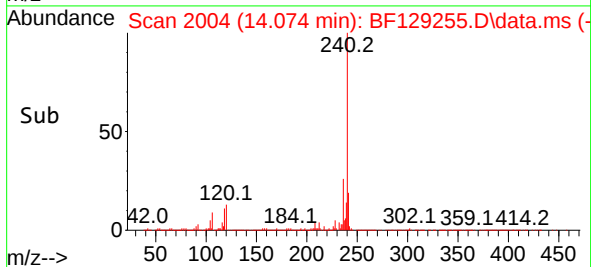
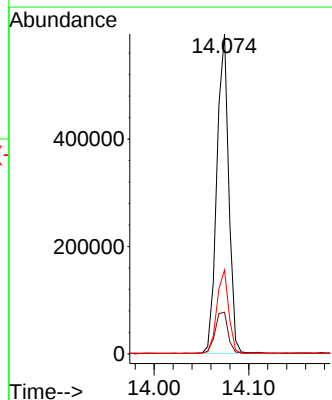
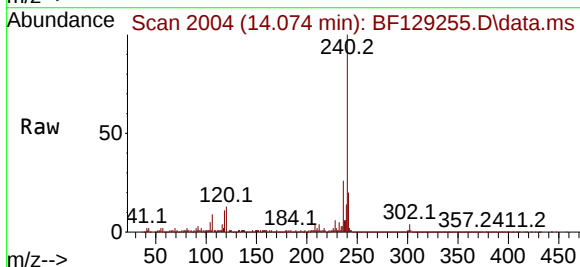
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

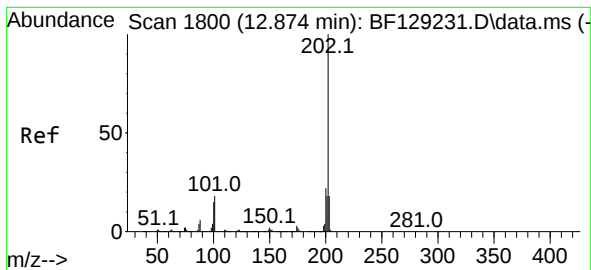
Tgt Ion:202 Resp: 289335
Ion Ratio Lower Upper
202 100
101 15.7 0.0 31.4
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:240 Resp: 520969
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 26.3 20.8 31.2





#78

Pyrene

Concen: 9.058 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

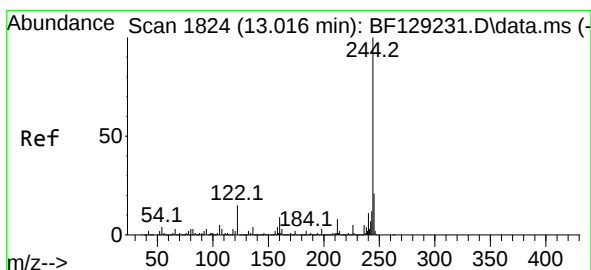
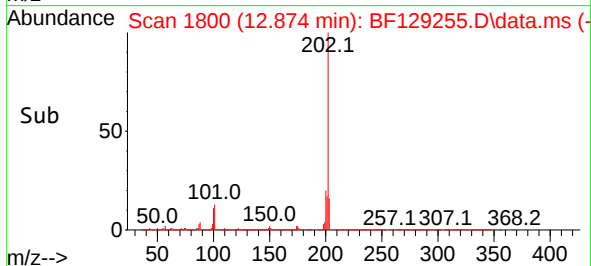
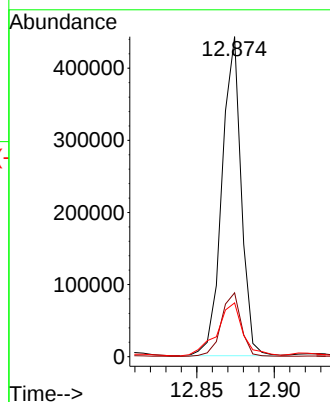
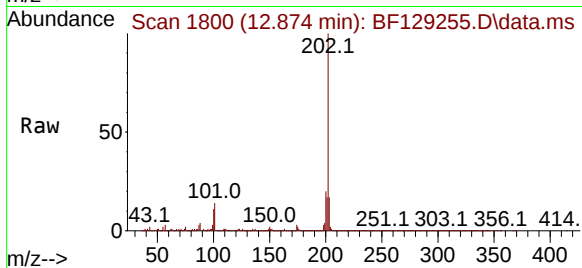
Tgt Ion:202 Resp: 382204

Ion Ratio Lower Upper

202 100

200 19.9 17.7 26.5

203 16.8 14.6 21.8



#79

Terphenyl-d14

Concen: 29.509 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

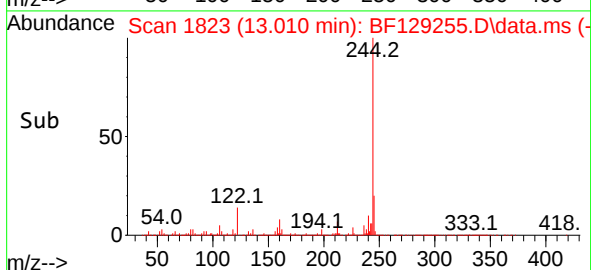
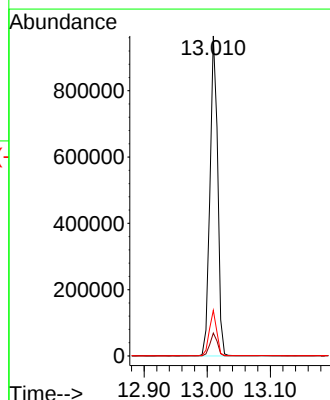
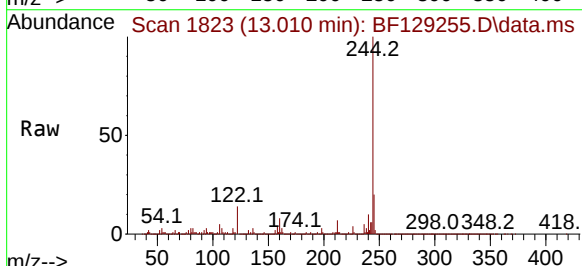
Tgt Ion:244 Resp: 821790

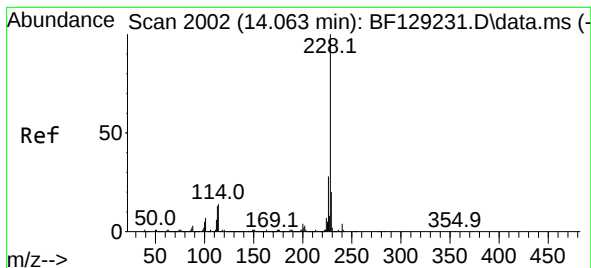
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 14.3 8.8 13.2#





#81

Benzo(a)anthracene

Concen: 5.842 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

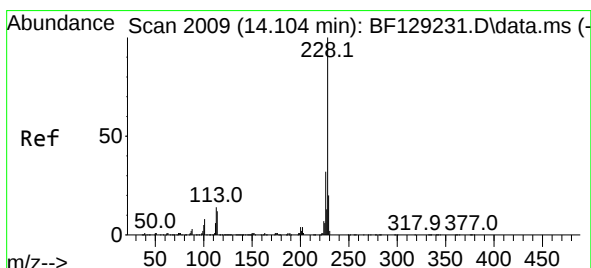
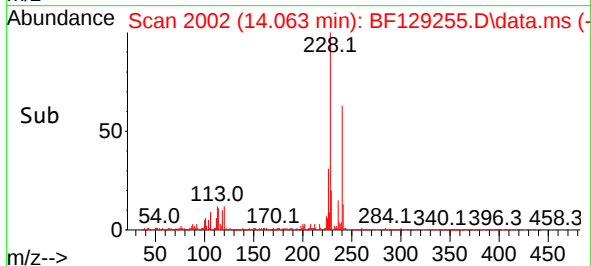
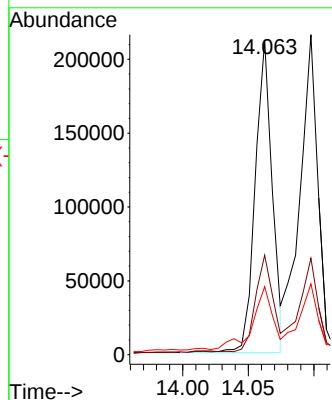
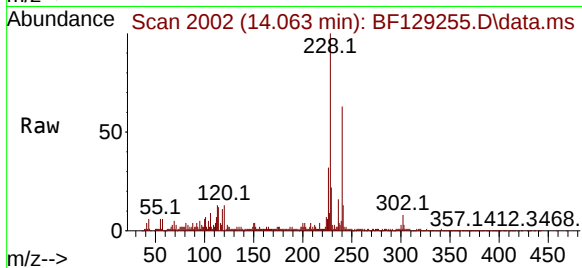
Tgt Ion:228 Resp: 191973

Ion Ratio Lower Upper

228 100

226 31.6 22.1 33.1

229 21.6 15.8 23.8



#83

Chrysene

Concen: 6.609 ng

RT: 14.098 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

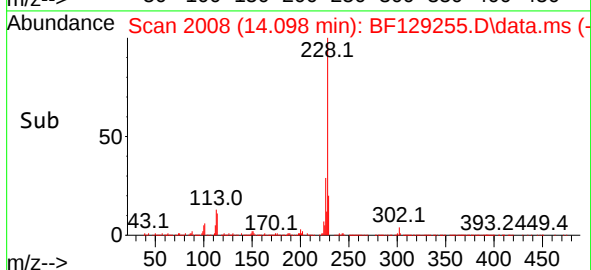
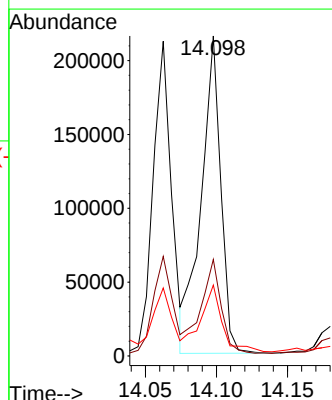
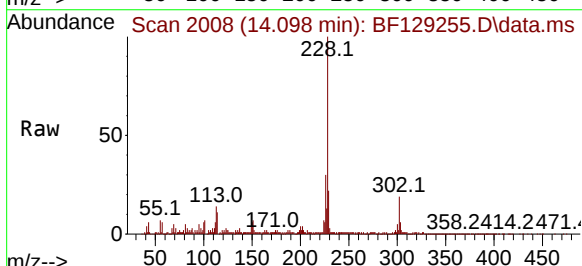
Tgt Ion:228 Resp: 207302

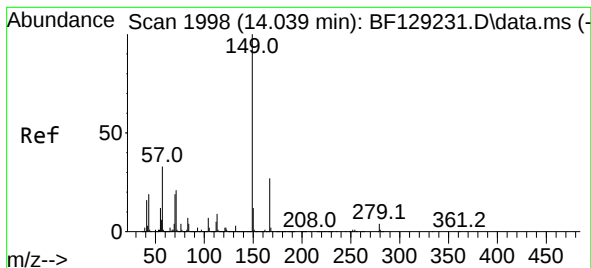
Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 22.1 15.9 23.9

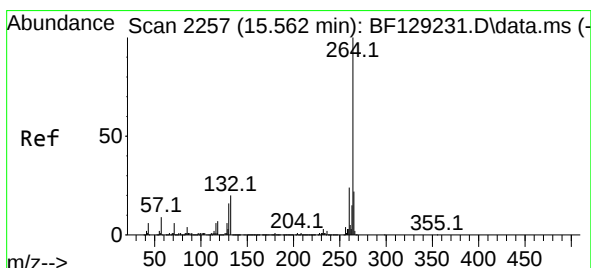
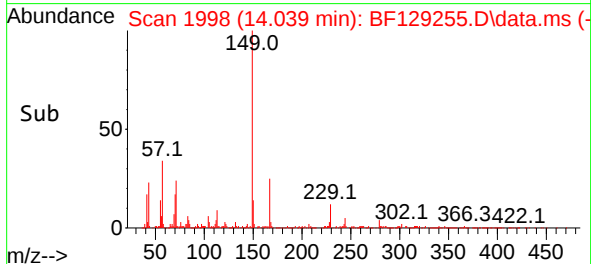
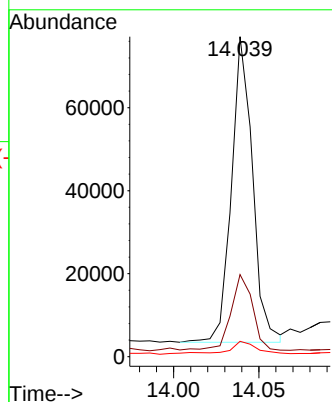
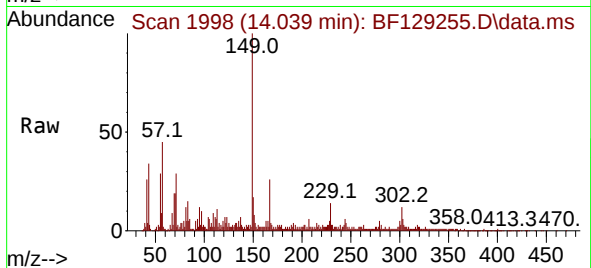




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.533 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: BF129255.D
 Acq: 16 Jul 2022 00:11

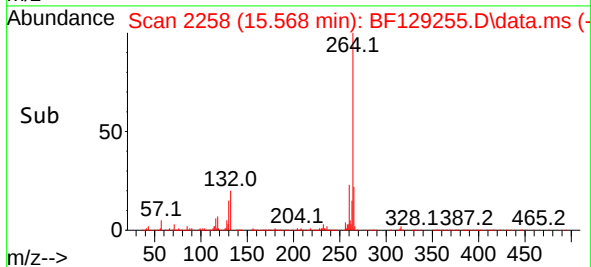
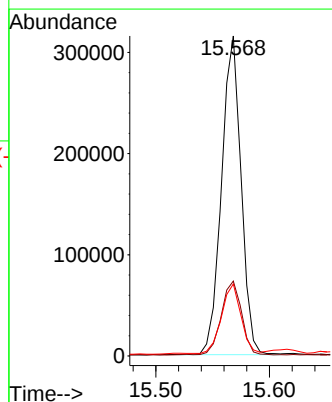
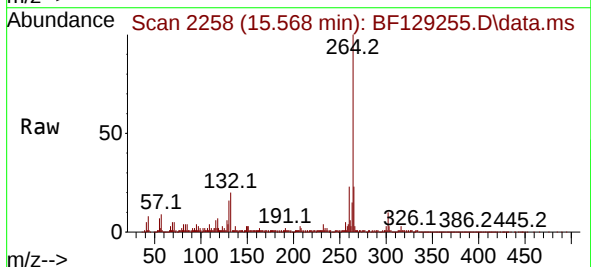
Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

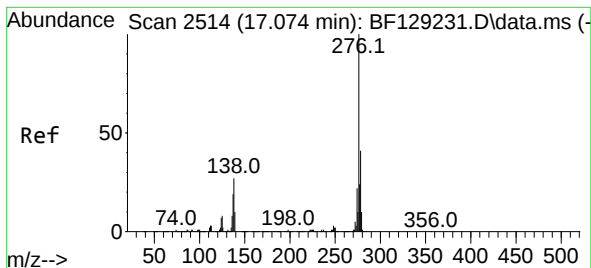
Tgt Ion:149 Resp: 63358
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 4.8 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. 0.006 min
 Lab File: BF129255.D
 Acq: 16 Jul 2022 00:11

Tgt Ion:264 Resp: 377153
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.805 ng

RT: 17.074 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

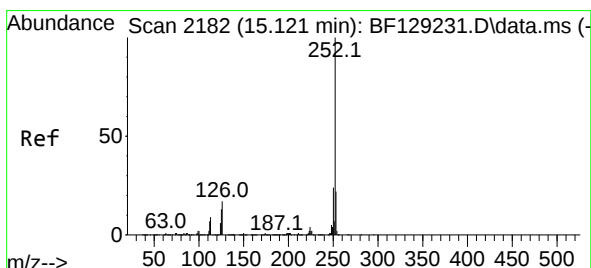
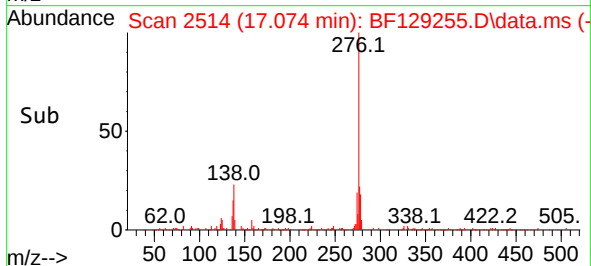
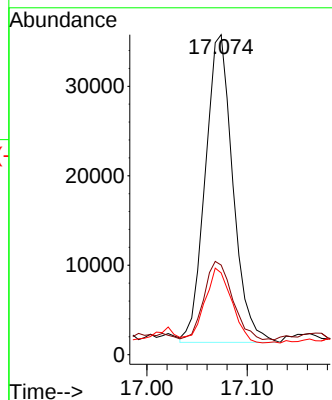
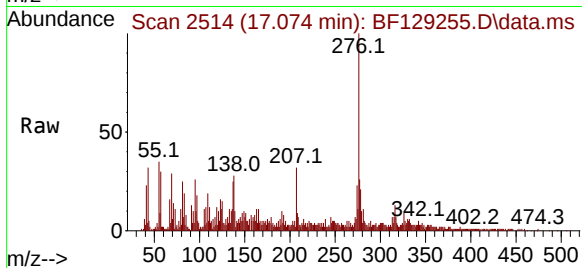
Tgt Ion:276 Resp: 65975

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

277 23.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 9.807 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

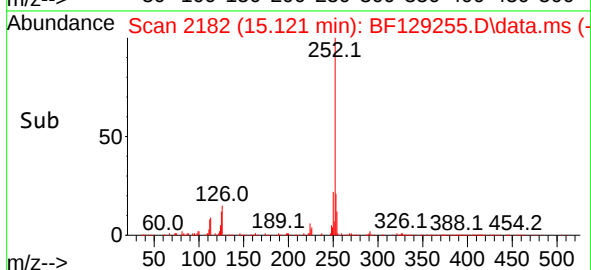
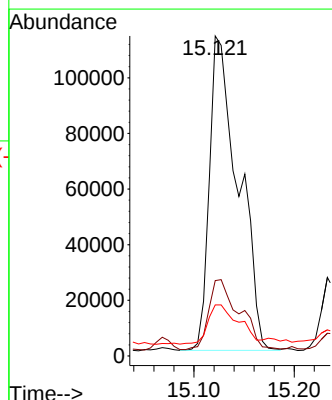
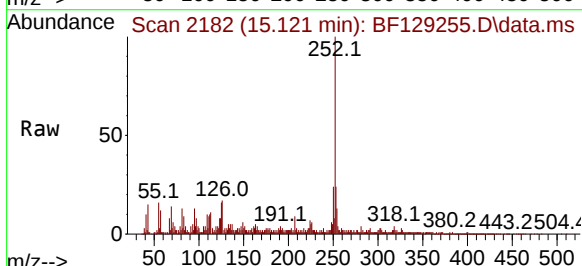
Tgt Ion:252 Resp: 227234

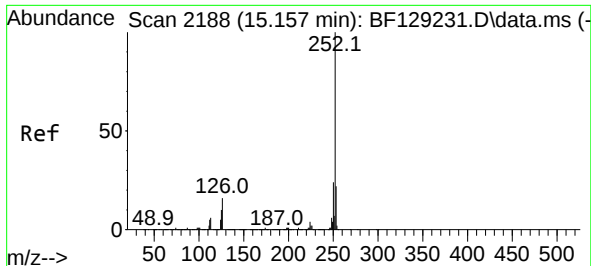
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 15.9 8.0 12.0#

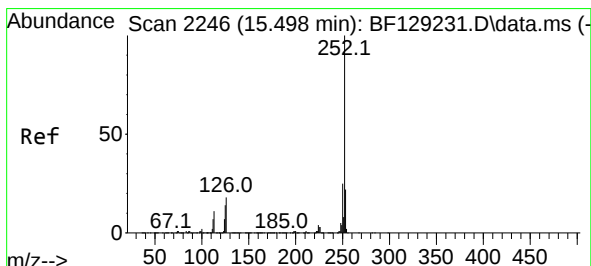
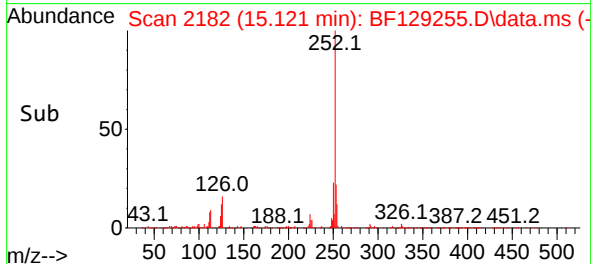
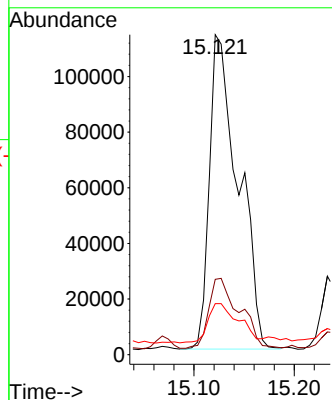
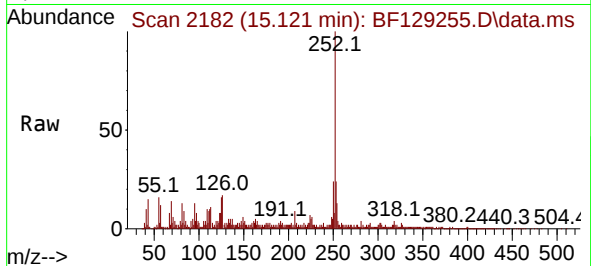




#89
Benzo(k)fluoranthene
Concen: 10.038 ng
RT: 15.121 min Scan# 2188
Delta R.T. -0.035 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

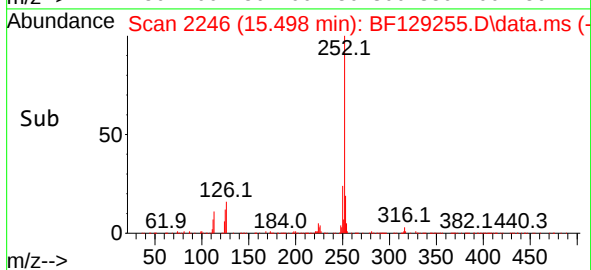
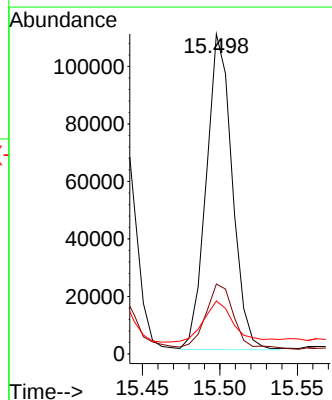
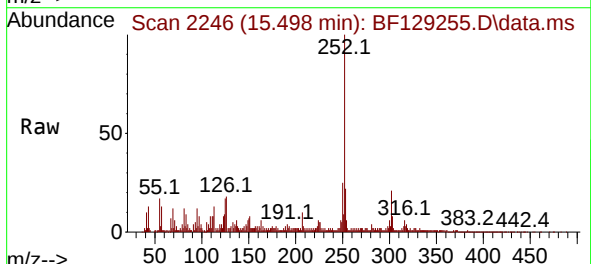
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

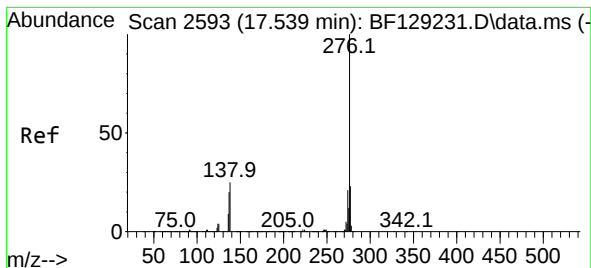
Tgt Ion:252 Resp: 227234
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 15.9 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 6.768 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:252 Resp: 127651
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 16.5 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.888 ng

RT: 17.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129255.D

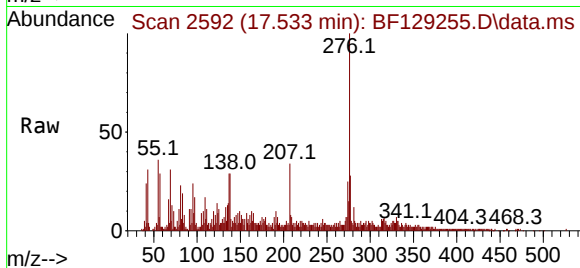
Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



Tgt Ion:	276	Resp:	75595
Ion Ratio	Lower	Upper	
276	100		
277	28.3	19.1	28.7
138	28.5	18.0	27.0

