

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129524.D
 Acq On : 03 Aug 2022 00:19
 Operator : CG\JU
 Sample : N3989-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-04-080122

Quant Time: Aug 03 01:48:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

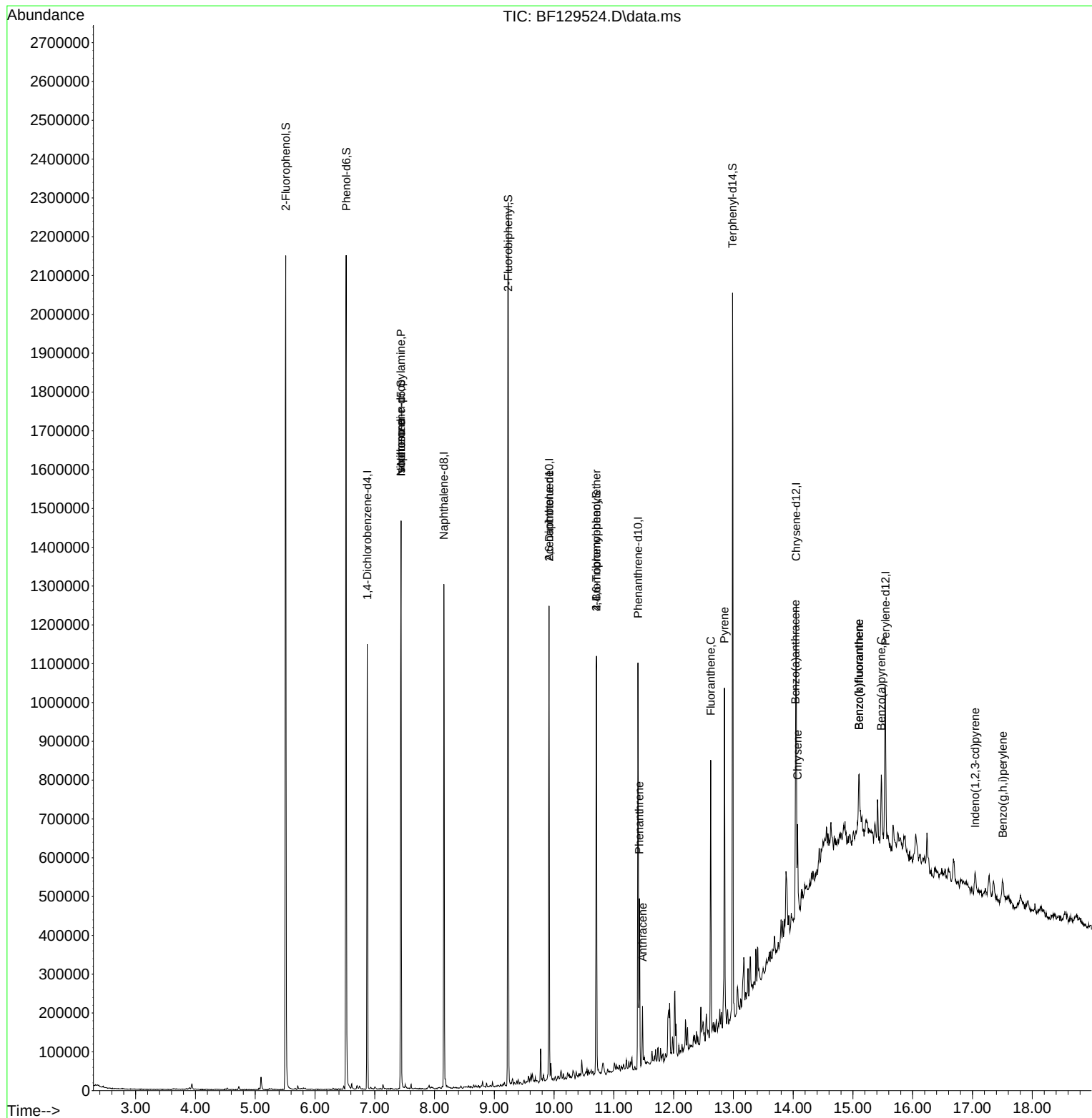
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	144799	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	515026	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	226714	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	352139	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	238362	20.000	ng	0.00
86) Perylene-d12	15.545	264	177179	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	574880	64.674	ng	0.00
7) Phenol-d6	6.522	99	686024	61.402	ng	0.00
23) Nitrobenzene-d5	7.439	82	412273	43.698	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	124030	56.903	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	675302	46.078	ng	0.00
79) Terphenyl-d14	12.986	244	598595	47.377	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	53482	7.907	ng	# 72
25) Isophorone	7.439	82	412269	24.378	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	30311	8.653	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	7845	2.034	ng	# 1
71) Phenanthrene	11.427	178	144120	7.498	ng	96
72) Anthracene	11.480	178	58126	3.077	ng	97
75) Fluoranthene	12.621	202	250490	12.861	ng	97
78) Pyrene	12.851	202	322787	16.194	ng	98
81) Benzo(a)anthracene	14.039	228	101624	6.241	ng	97
83) Chrysene	14.074	228	86057	5.608	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	31563	2.645	ng	94
88) Benzo(b)fluoranthene	15.104	252	91778	7.809	ng	# 76
89) Benzo(k)fluoranthene	15.104	252	91778	7.969	ng	# 76
90) Benzo(a)pyrene	15.474	252	67273	7.051	ng	# 91
92) Benzo(g,h,i)perylene	17.509	276	42693	4.302	ng	94

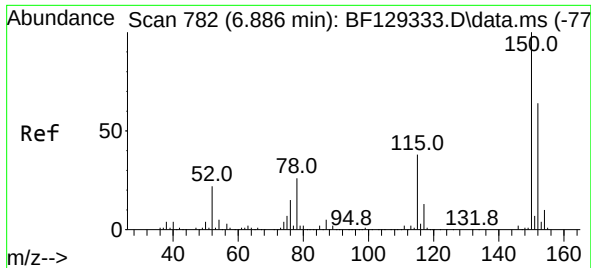
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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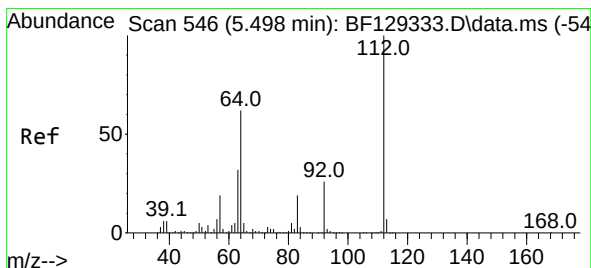
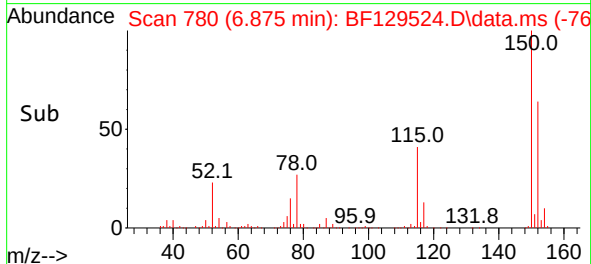
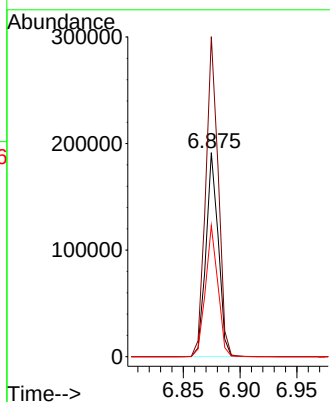
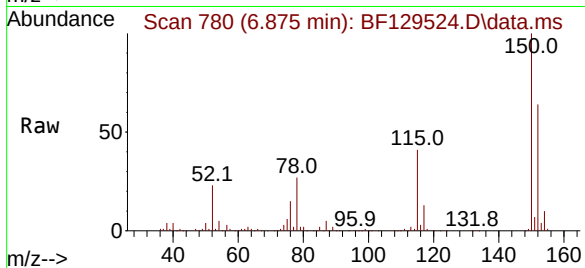




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129524.D
 Acq: 03 Aug 2022 00:19

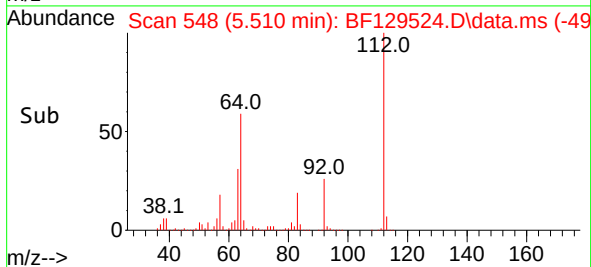
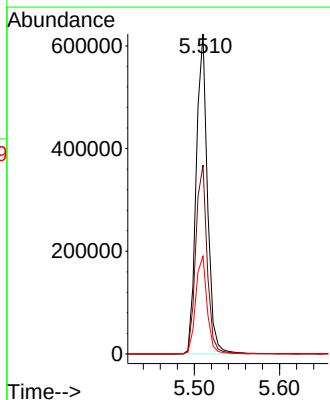
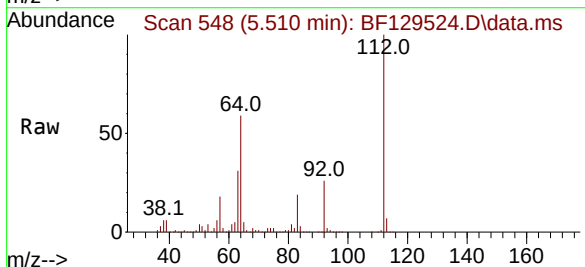
Instrument :
 BNA_F
 ClientSampleId :
 OK-04-080122

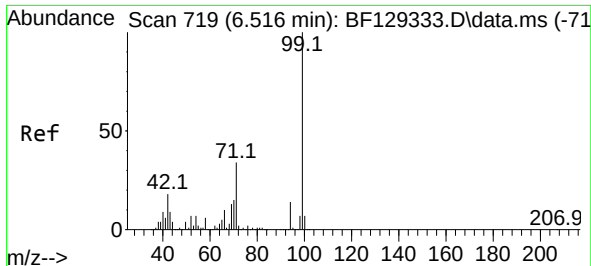
Tgt Ion:152 Resp: 144799
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.7 185.5
 115 64.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 64.674 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129524.D
 Acq: 03 Aug 2022 00:19

Tgt Ion:112 Resp: 574880
 Ion Ratio Lower Upper
 112 100
 64 59.1 53.3 79.9
 63 30.6 28.0 42.0

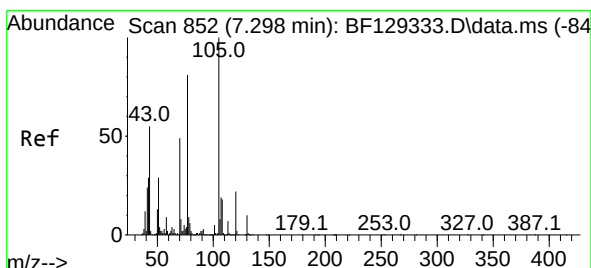
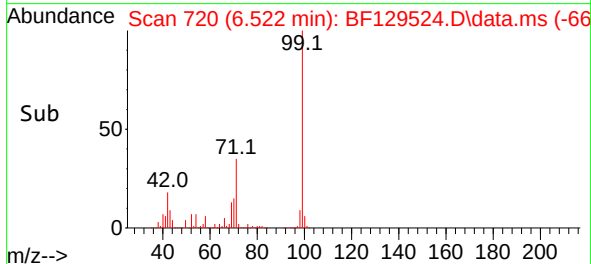
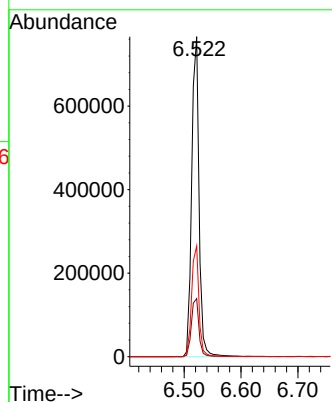
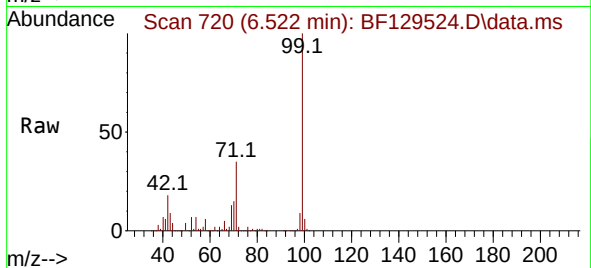




#7
Phenol-d6
Concen: 61.402 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

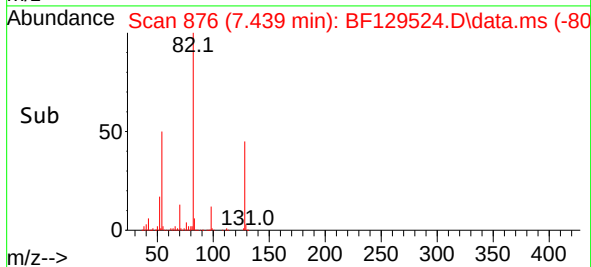
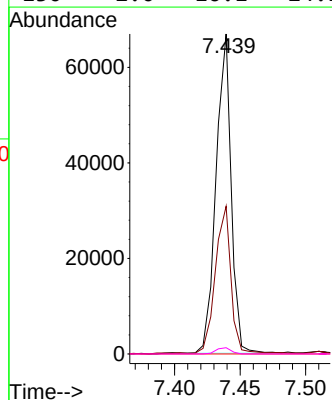
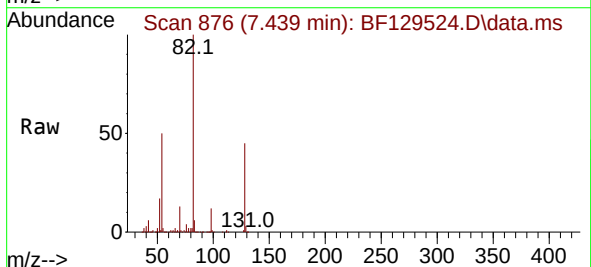
Instrument :
BNA_F
ClientSampleId :
OK-04-080122

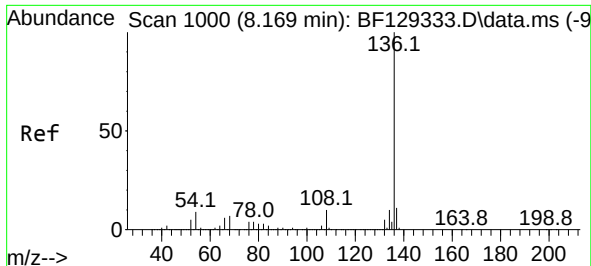
Tgt Ion: 99 Resp: 686024
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.907 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion: 70 Resp: 53482
Ion Ratio Lower Upper
70 100
42 46.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



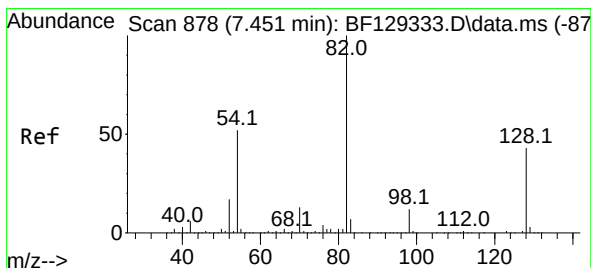
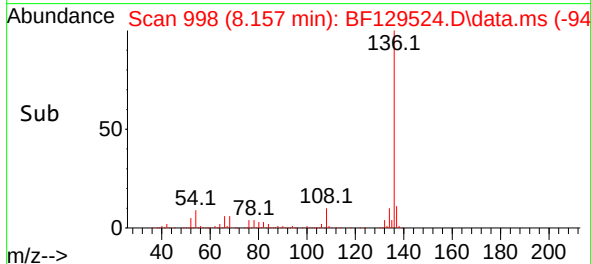
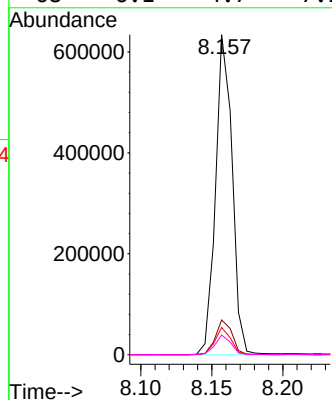
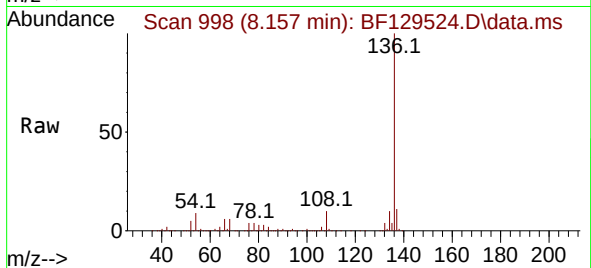


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Instrument :
BNA_F
ClientSampleId :
OK-04-080122

Tgt Ion:136 Resp: 515026

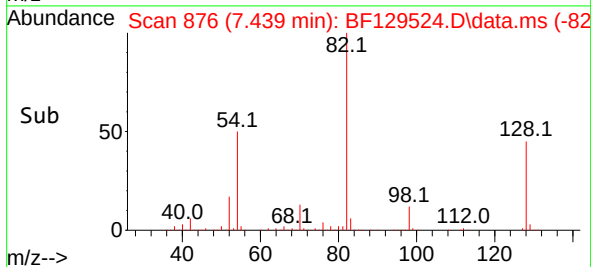
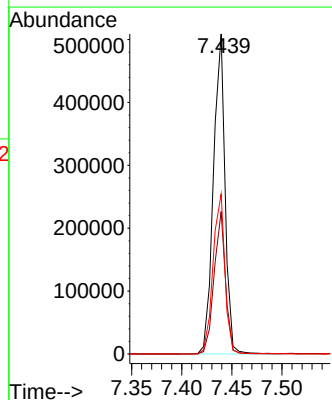
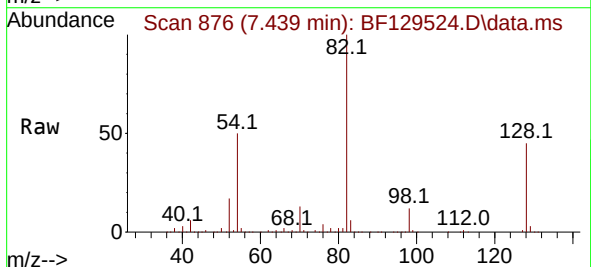
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	7.5	11.3
68	6.1	4.7	7.1

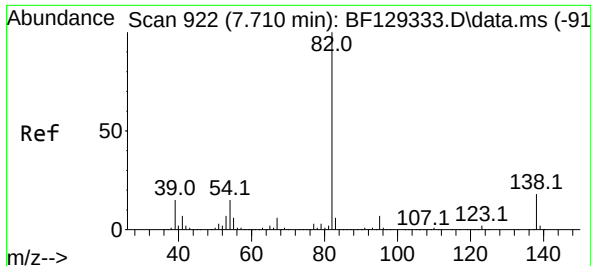


#23
Nitrobenzene-d5
Concen: 43.698 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion: 82 Resp: 412273

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	50.0	46.9	70.3

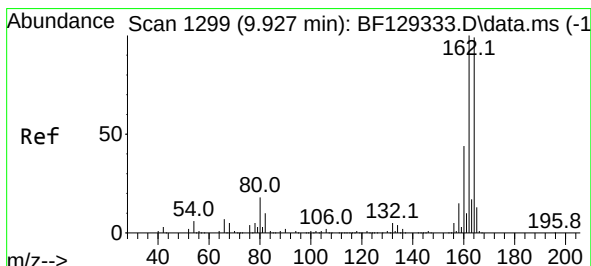
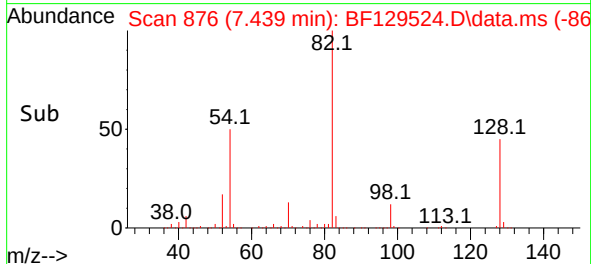
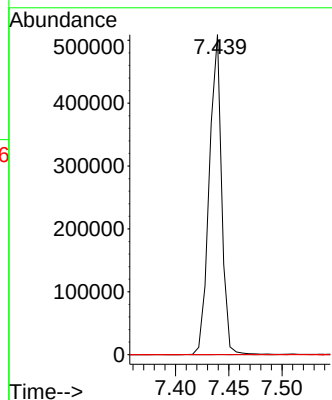
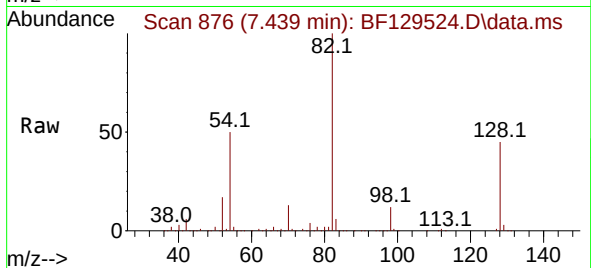




#25
Isophorone
Concen: 24.378 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

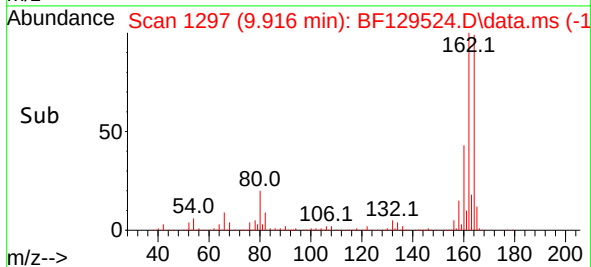
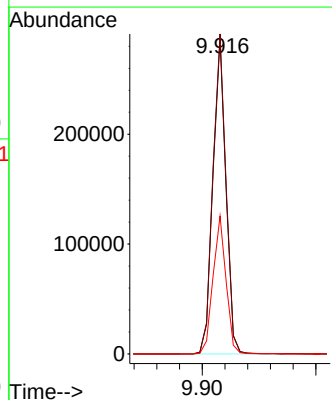
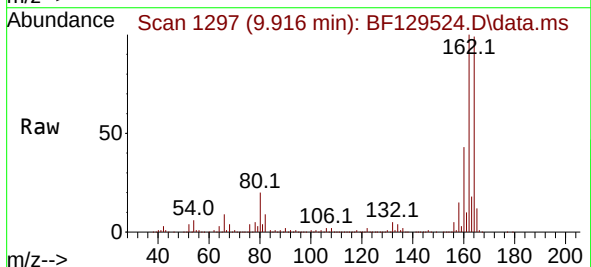
Instrument :
BNA_F
ClientSampleId :
OK-04-080122

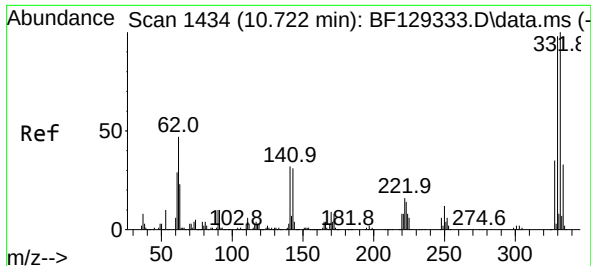
Tgt Ion: 82 Resp: 412269
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion:164 Resp: 226714
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 56.903 ng

RT: 10.710 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

OK-04-080122

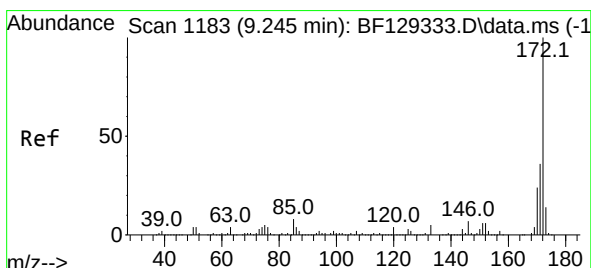
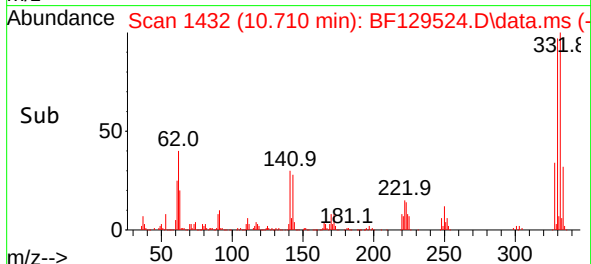
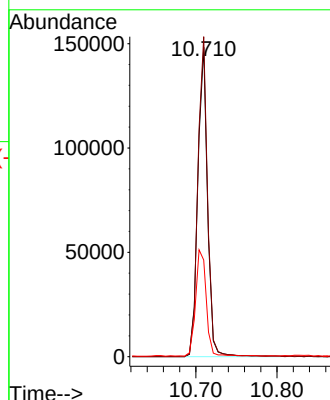
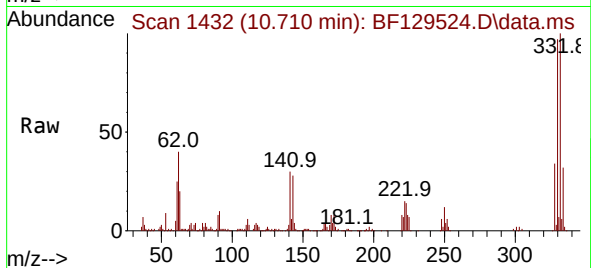
Tgt Ion:330 Resp: 124030

Ion Ratio Lower Upper

330 100

332 103.0 76.8 115.2

141 37.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 46.078 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

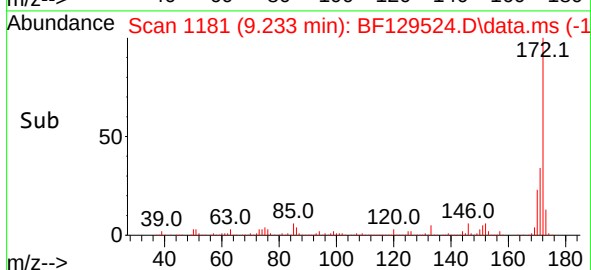
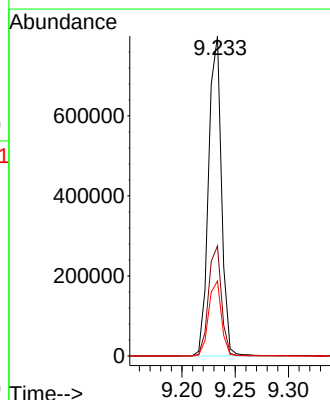
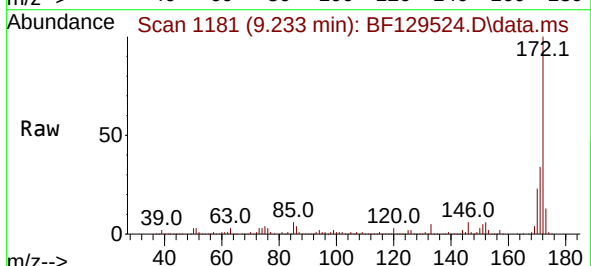
Tgt Ion:172 Resp: 675302

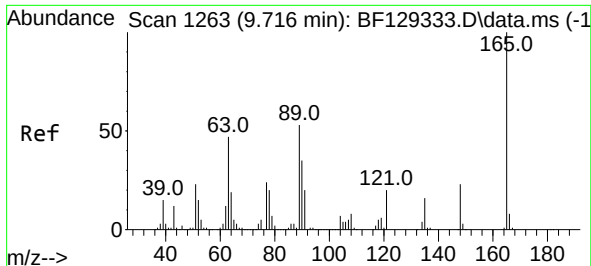
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.5 19.8 29.8

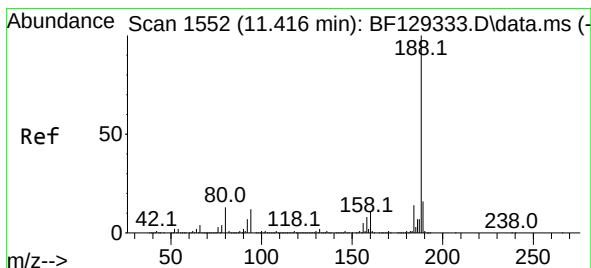
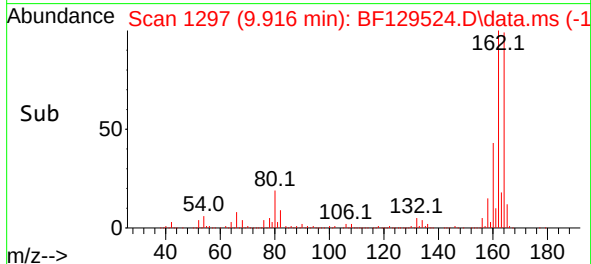
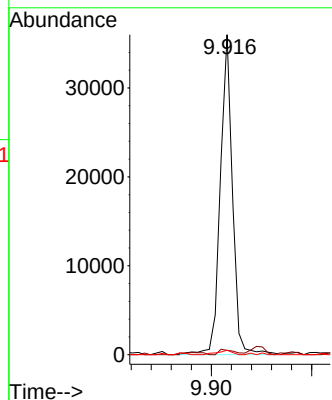
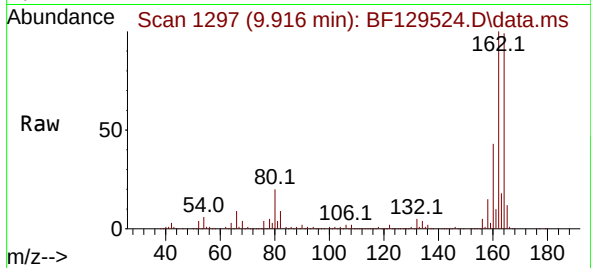




#51
2,6-Dinitrotoluene
Concen: 8.653 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

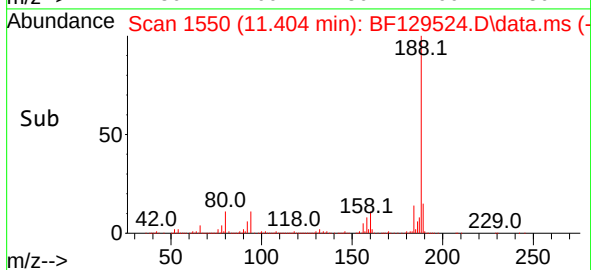
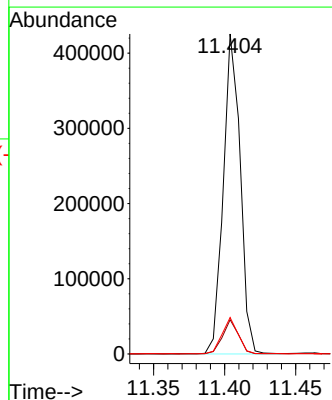
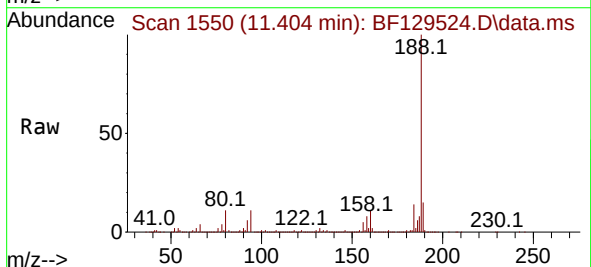
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OK-04-080122

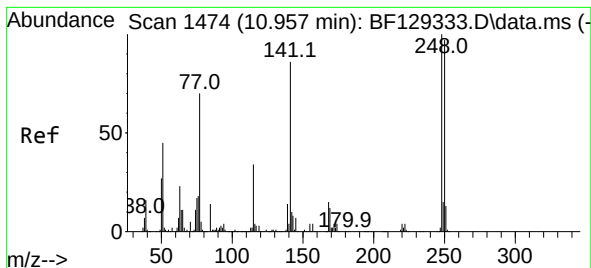
Tgt Ion:165 Resp: 30311
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.4 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion:188 Resp: 352139
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.4 7.6 11.4

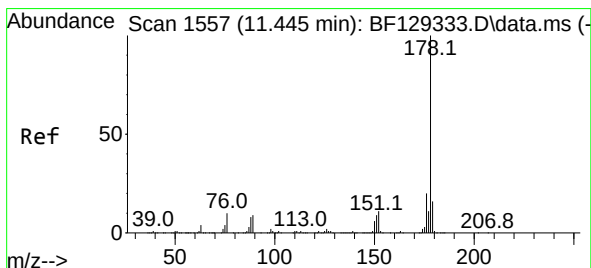
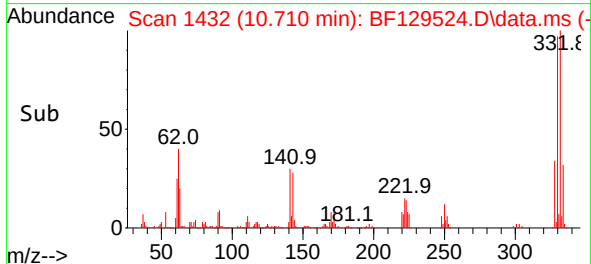
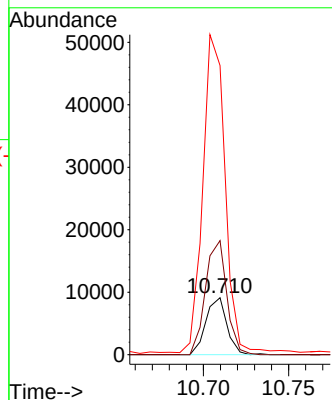
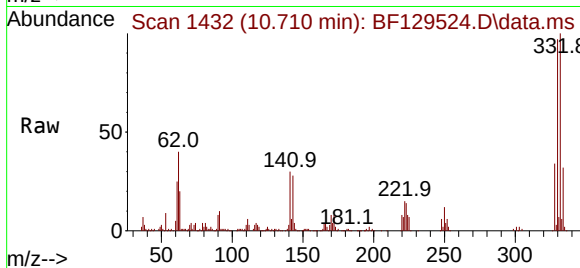




#67
4-Bromophenyl-phenylether
Concen: 2.034 ng
RT: 10.710 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

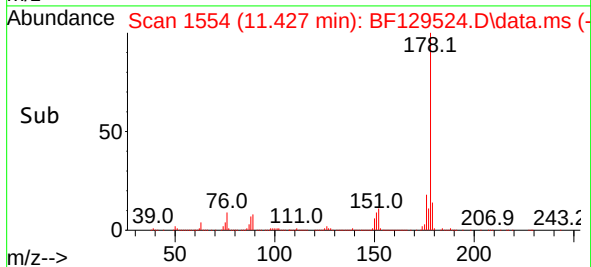
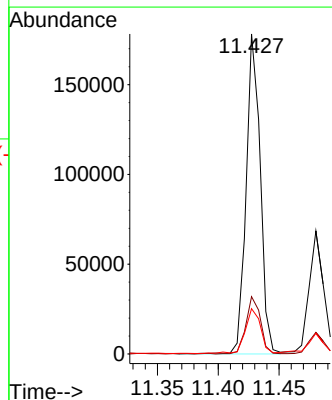
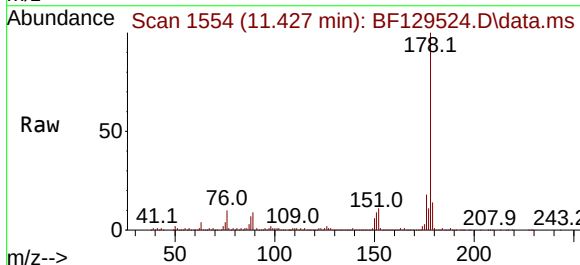
Instrument :
BNA_F
ClientSampleId :
OK-04-080122

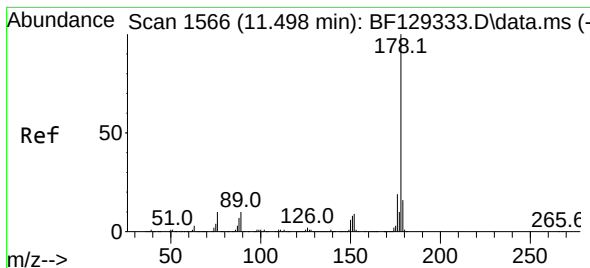
Tgt Ion:248 Resp: 7845
Ion Ratio Lower Upper
248 100
250 200.4 80.6 120.8#
141 507.8 58.9 88.3#



#71
Phenanthrene
Concen: 7.498 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion:178 Resp: 144120
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 14.2 12.6 19.0





#72

Anthracene

Concen: 3.077 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

OK-04-080122

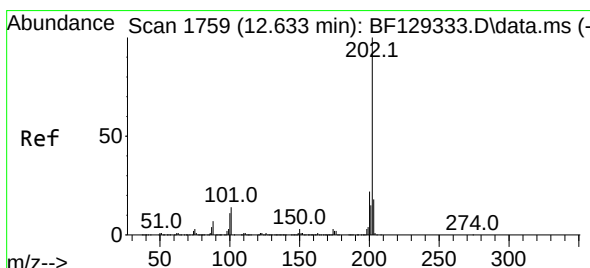
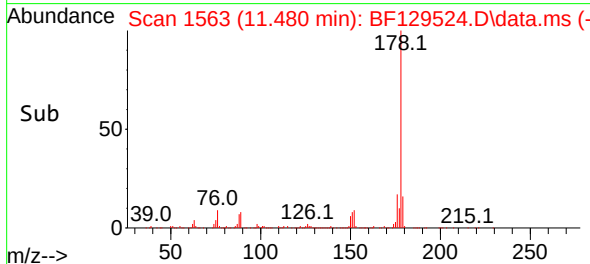
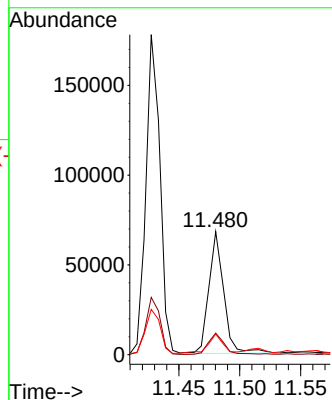
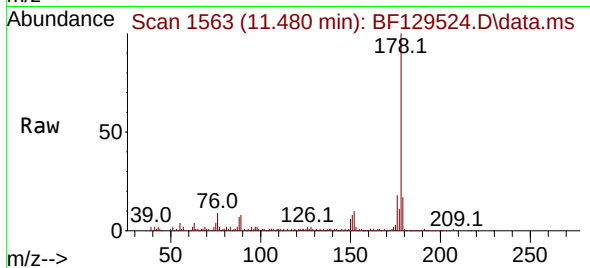
Tgt Ion:178 Resp: 58126

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.2

179 16.8 12.6 19.0



#75

Fluoranthene

Concen: 12.861 ng

RT: 12.621 min Scan# 1757

Delta R.T. -0.000 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

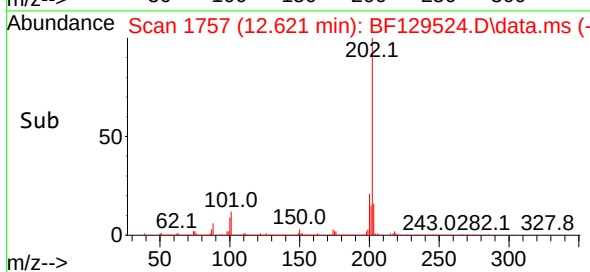
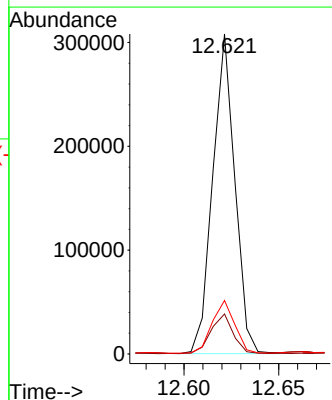
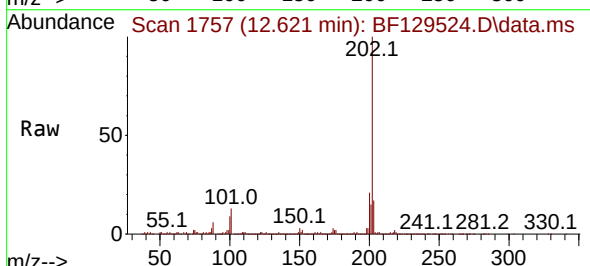
Tgt Ion:202 Resp: 250490

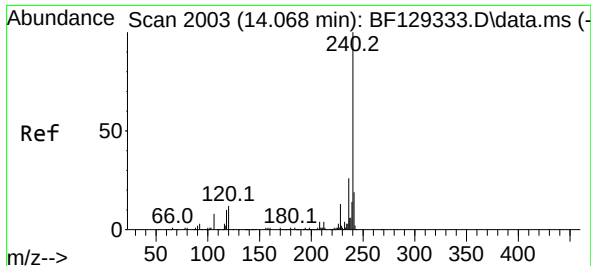
Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.4

203 16.7 0.0 38.0

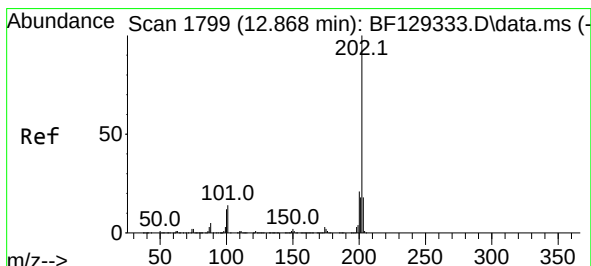
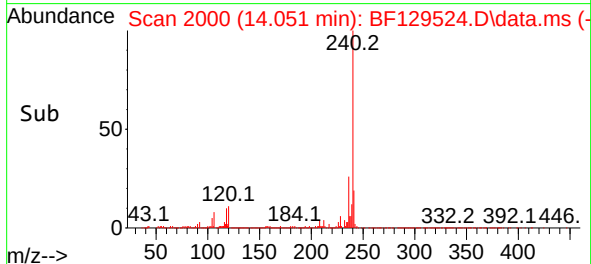
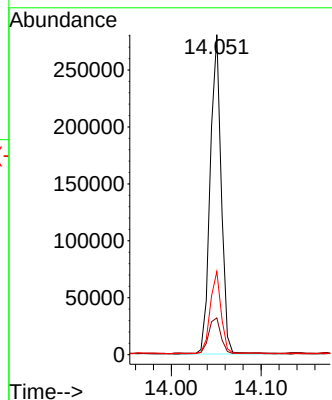
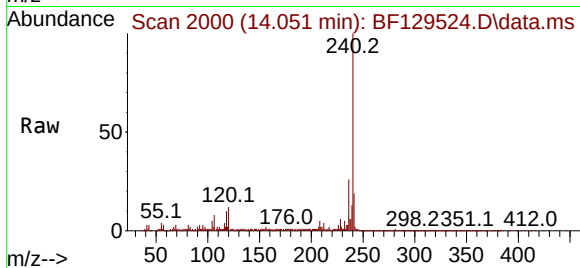




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

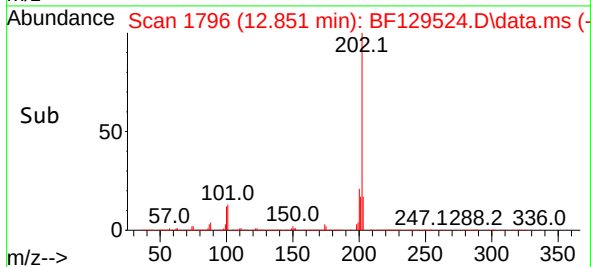
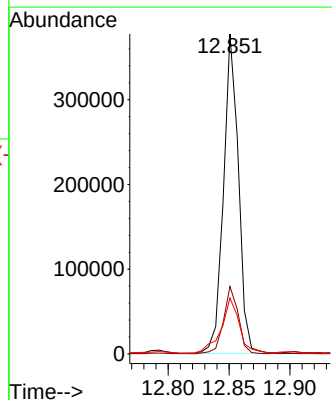
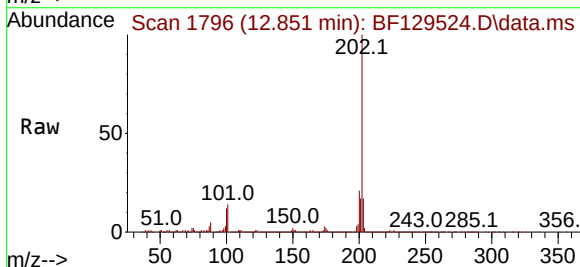
Instrument :
BNA_F
ClientSampleId :
OK-04-080122

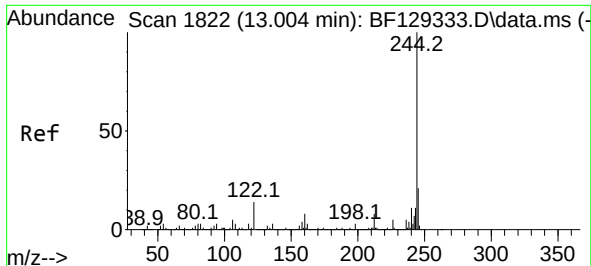
Tgt Ion:240 Resp: 238362
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.0 20.8 31.2



#78
Pyrene
Concen: 16.194 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion:202 Resp: 322787
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.5 14.6 21.8

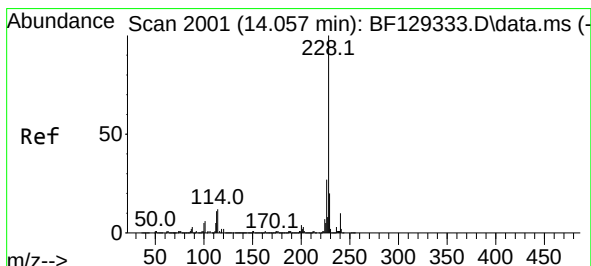
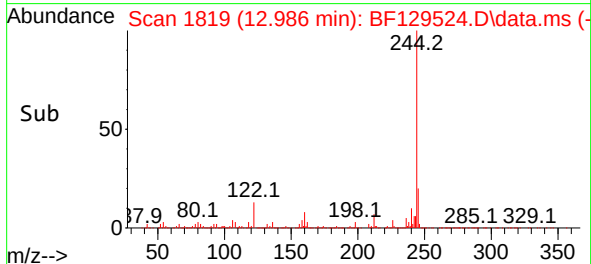
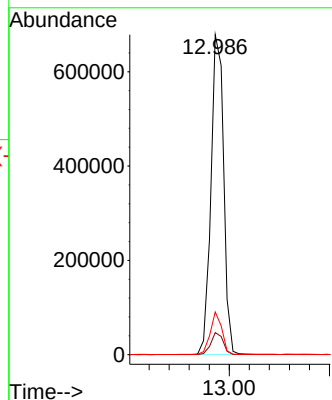
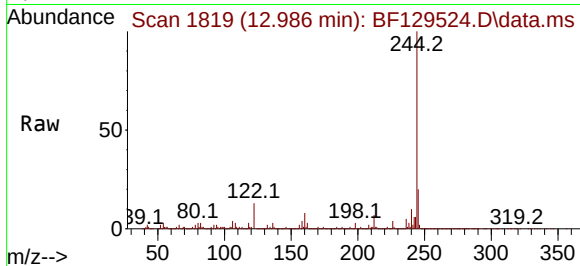




#79
 Terphenyl-d14
 Concen: 47.377 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129524.D
 Acq: 03 Aug 2022 00:19

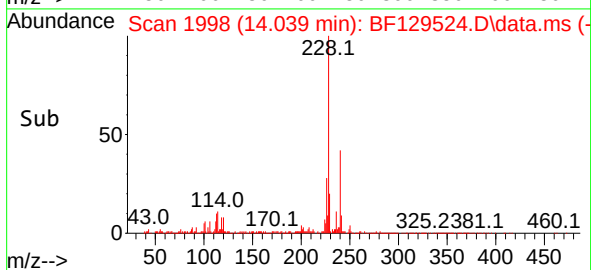
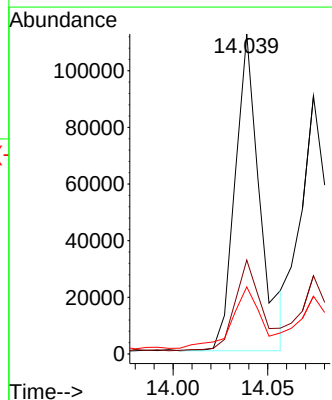
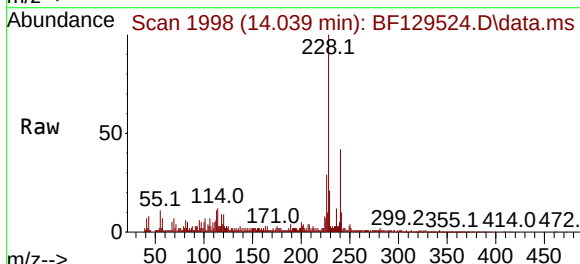
Instrument :
 BNA_F
 ClientSampleId :
 OK-04-080122

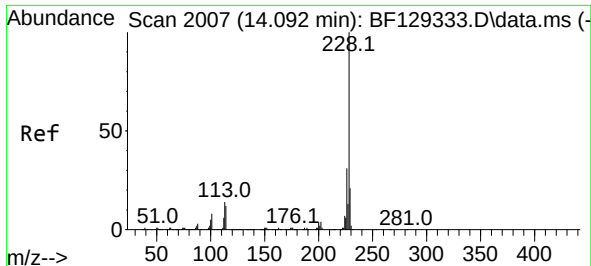
Tgt Ion:244 Resp: 598595
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 13.3 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 6.241 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: BF129524.D
 Acq: 03 Aug 2022 00:19

Tgt Ion:228 Resp: 101624
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.1 33.1
 229 21.0 15.8 23.8

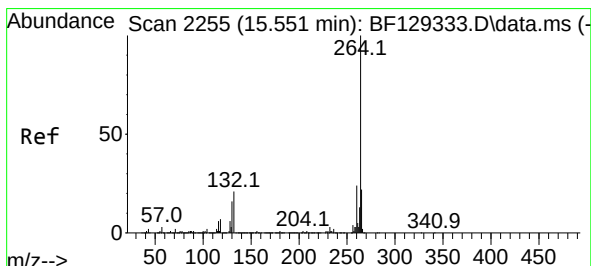
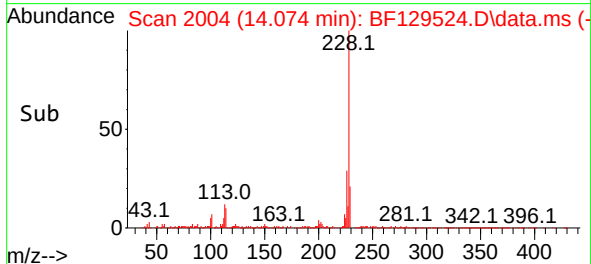
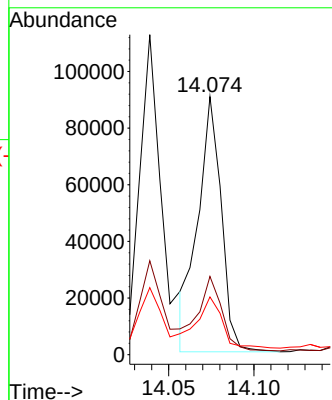
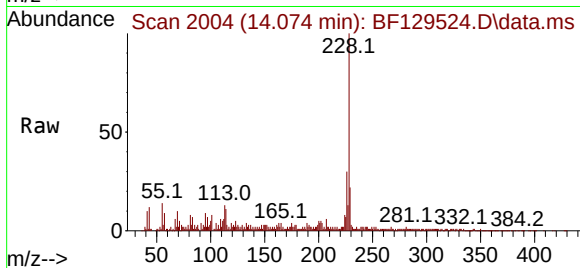




#83
Chrysene
Concen: 5.608 ng
RT: 14.074 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

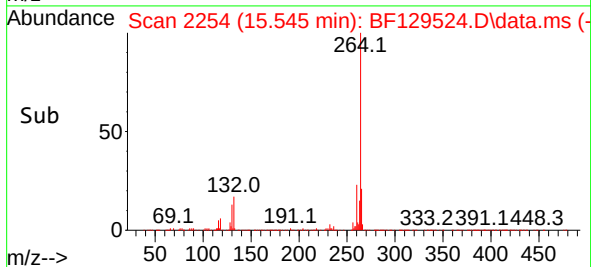
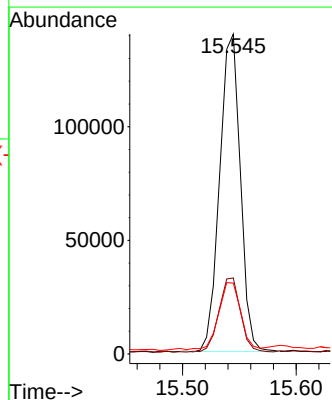
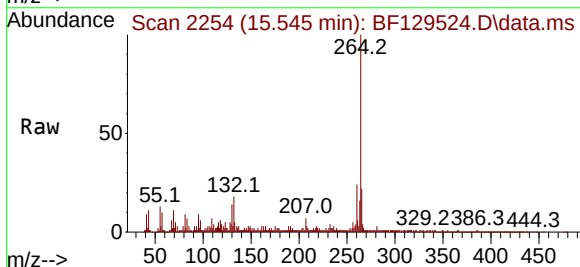
Instrument :
BNA_F
ClientSampleId :
OK-04-080122

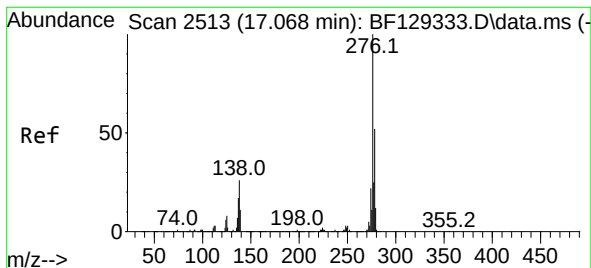
Tgt Ion:228 Resp: 86057
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.4 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2254
Delta R.T. 0.017 min
Lab File: BF129524.D
Acq: 03 Aug 2022 00:19

Tgt Ion:264 Resp: 177179
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.645 ng

RT: 17.045 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

OK-04-080122

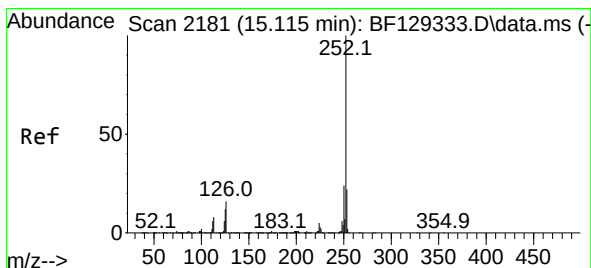
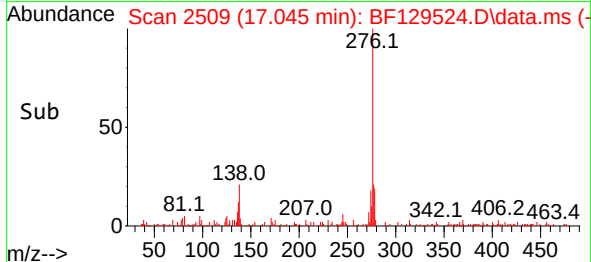
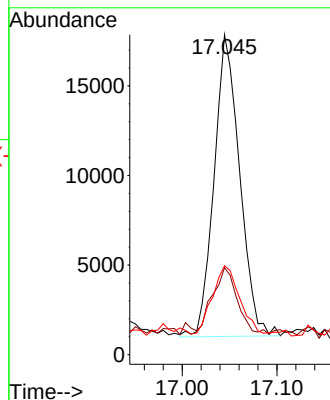
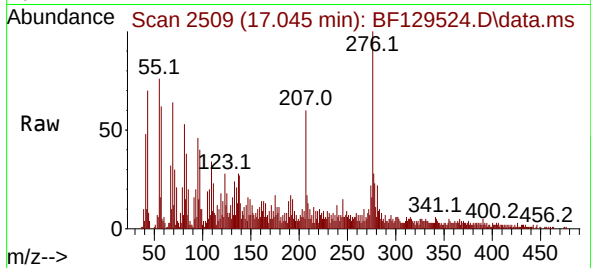
Tgt Ion:276 Resp: 31563

Ion Ratio Lower Upper

276 100

138 21.2 21.1 31.7

277 24.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 7.809 ng

RT: 15.104 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

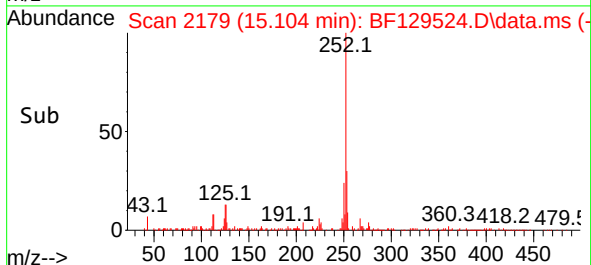
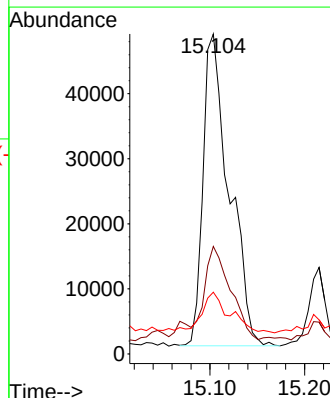
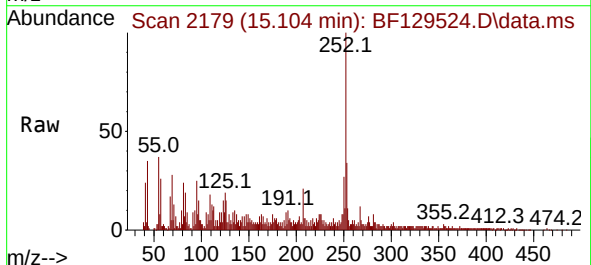
Tgt Ion:252 Resp: 91778

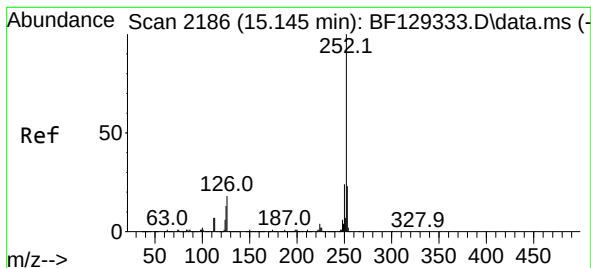
Ion Ratio Lower Upper

252 100

253 33.6 17.7 26.5#

125 19.3 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 7.969 ng

RT: 15.104 min Scan# 2186

Delta R.T. -0.018 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

OK-04-080122

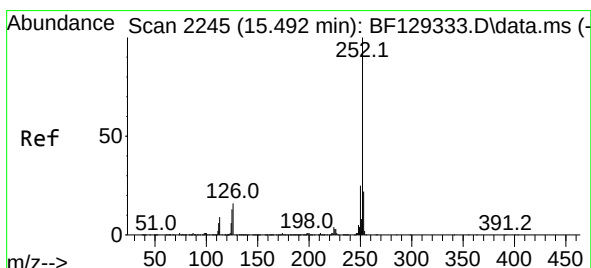
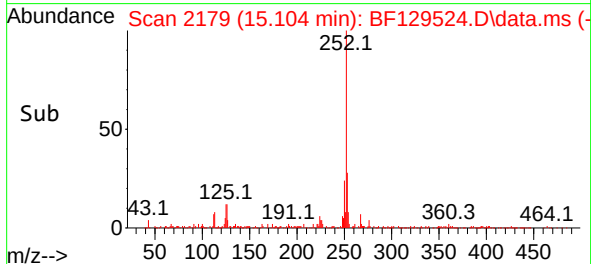
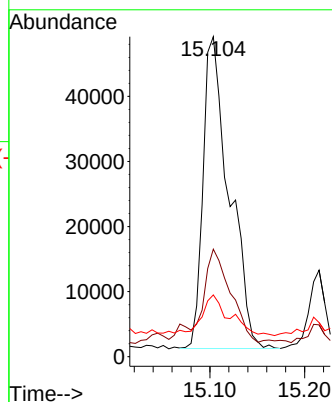
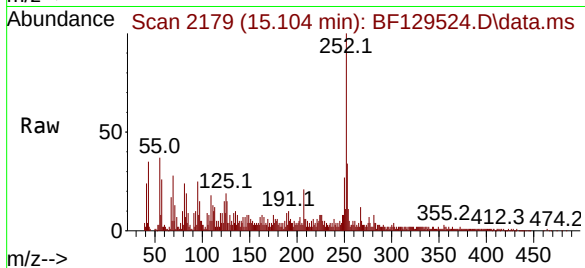
Tgt Ion:252 Resp: 91778

Ion Ratio Lower Upper

252 100

253 33.6 17.8 26.6#

125 19.3 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 7.051 ng

RT: 15.474 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF129524.D

Acq: 03 Aug 2022 00:19

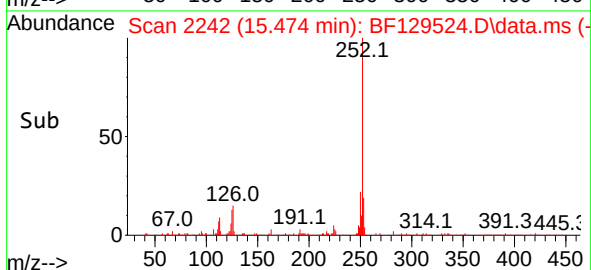
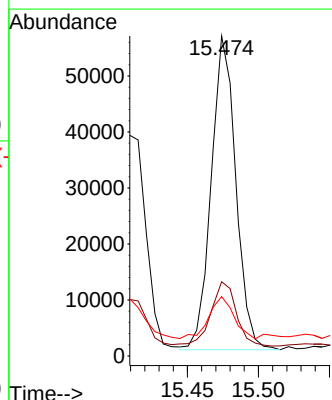
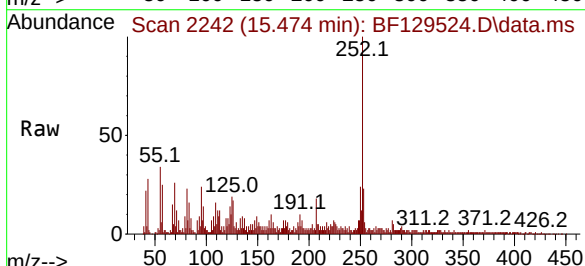
Tgt Ion:252 Resp: 67273

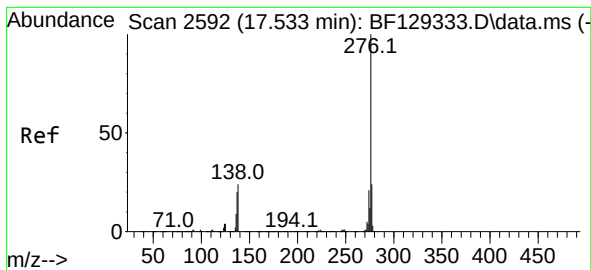
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

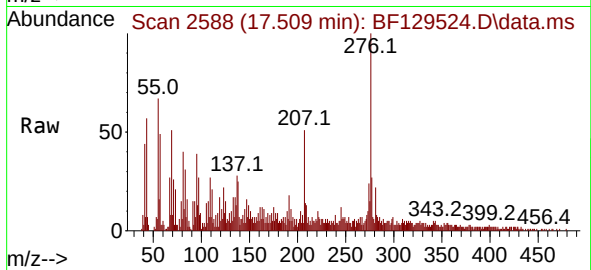
125 18.5 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 4.302 ng
 RT: 17.509 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BF129524.D
 Acq: 03 Aug 2022 00:19

Instrument :
 BNA_F
 ClientSampleId :
 OK-04-080122



Tgt Ion:	276	Resp:	42693
Ion Ratio	Lower	Upper	
276	100		
277	27.2	19.1	28.7
138	25.2	18.0	27.0

