

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129428.D
 Acq On : 29 Jul 2022 01:48
 Operator : CG\JU
 Sample : N3925-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-072722-A

Quant Time: Jul 29 02:11:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

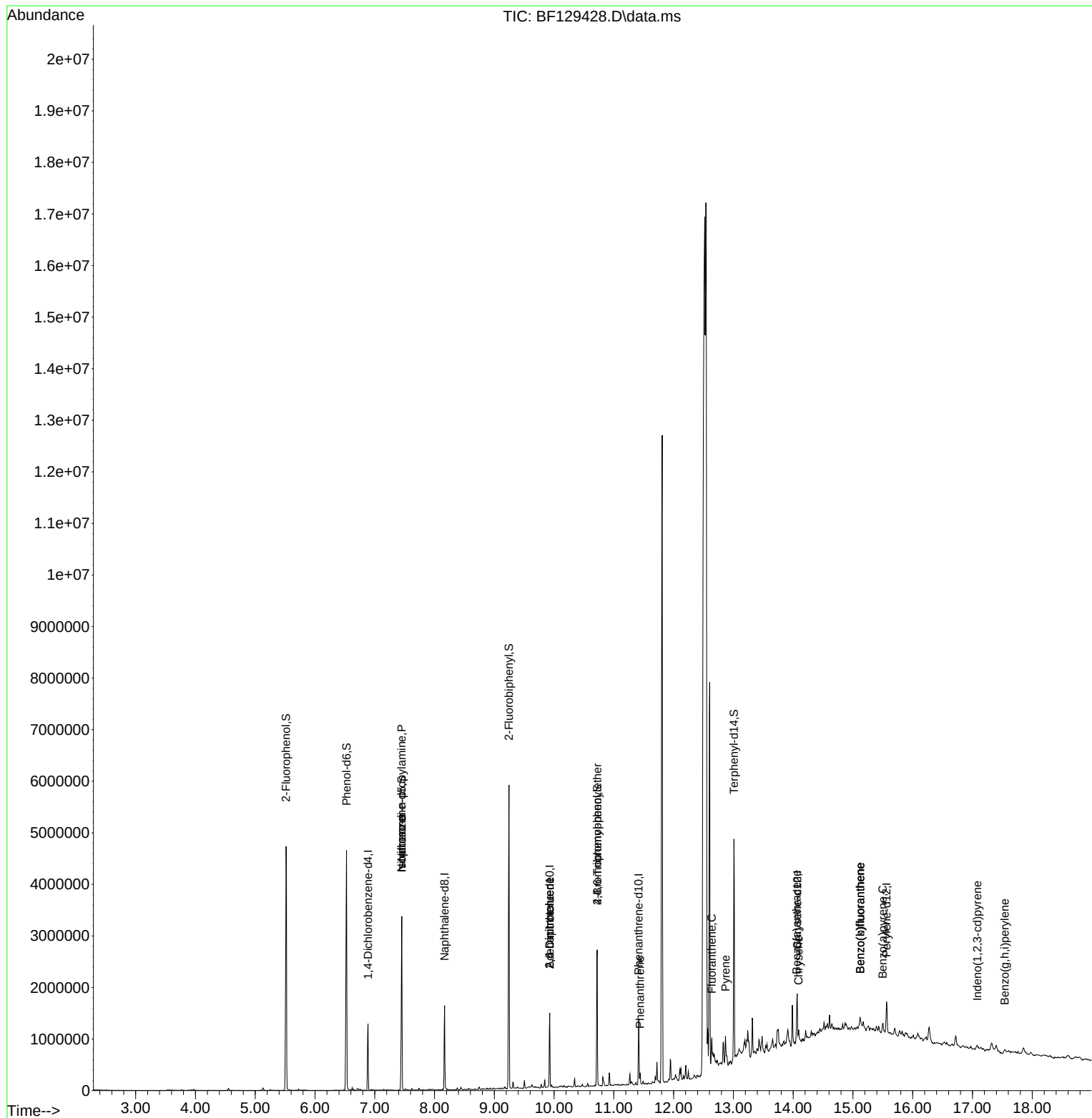
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	178928	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	645960	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	284817	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	417231	20.000	ng	0.00
76) Chrysene-d12	14.068	240	294630	20.000	ng	0.00
86) Perylene-d12	15.562	264	222833	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1382365	125.853	ng	0.02
7) Phenol-d6	6.528	99	1677364	121.494	ng	0.01
23) Nitrobenzene-d5	7.451	82	1037490	87.676	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	314569	114.877	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1656642	89.979	ng	0.00
79) Terphenyl-d14	13.010	244	1475552	94.483	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	140778	16.843	ng	# 74
25) Isophorone	7.451	82	1034637	48.778	ng	# 65
51) 2,6-Dinitrotoluene	9.927	165	38186	8.677	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	38186	6.642	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	19288	4.222	ng	# 1
71) Phenanthrene	11.439	178	70226	3.083	ng	99
75) Fluoranthene	12.639	202	160374	6.950	ng	99
78) Pyrene	12.868	202	187777	7.622	ng	99
81) Benzo(a)anthracene	14.057	228	84128	4.180	ng	# 92
83) Chrysene	14.092	228	84010	4.429	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.080	276	38200	2.546	ng	98
88) Benzo(b)fluoranthene	15.121	252	119500	8.085	ng	# 73
89) Benzo(k)fluoranthene	15.121	252	119500	8.250	ng	# 74
90) Benzo(a)pyrene	15.498	252	64215	5.352	ng	# 82
92) Benzo(g,h,i)perylene	17.539	276	42308	3.390	ng	# 83

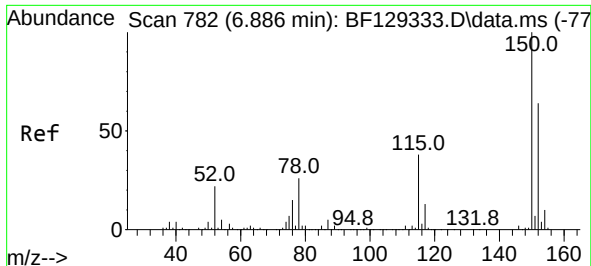
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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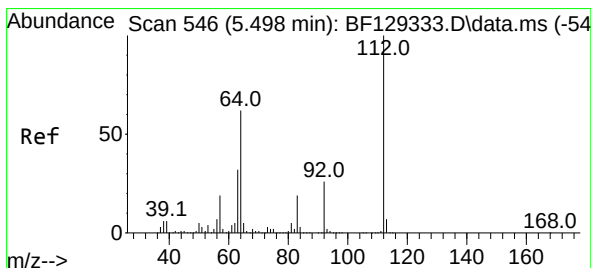
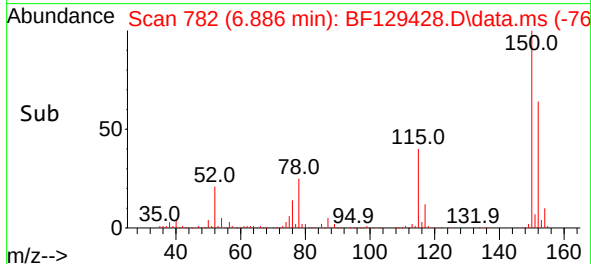
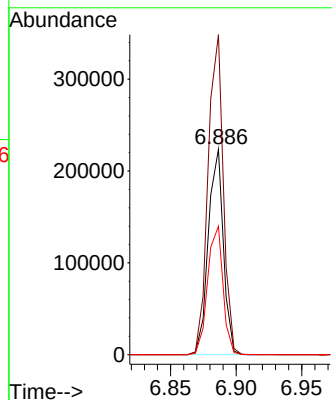
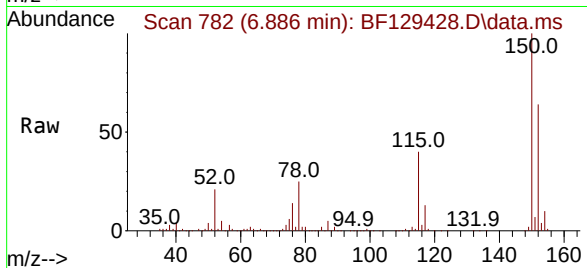




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129428.D
 Acq: 29 Jul 2022 01:48

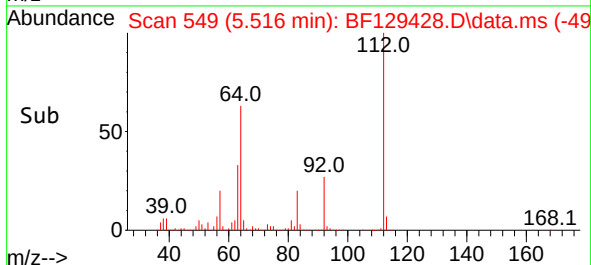
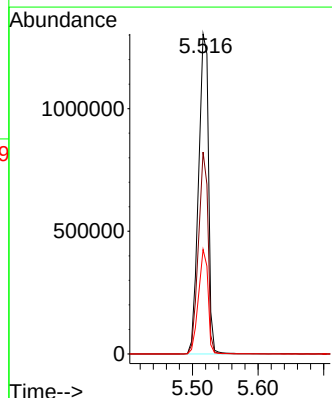
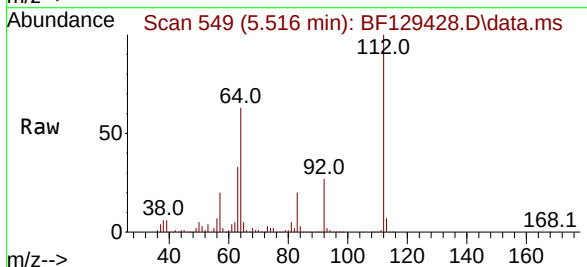
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-072722-A

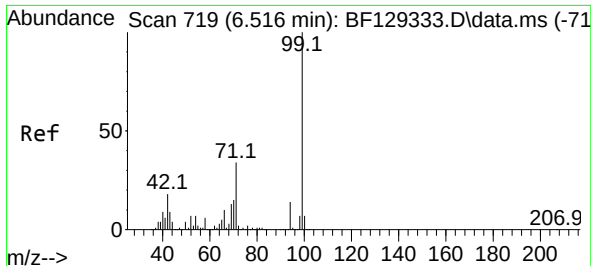
Tgt Ion:152 Resp: 178928
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 62.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.853 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129428.D
 Acq: 29 Jul 2022 01:48

Tgt Ion:112 Resp: 1382365
 Ion Ratio Lower Upper
 112 100
 64 63.1 53.3 79.9
 63 32.7 28.0 42.0

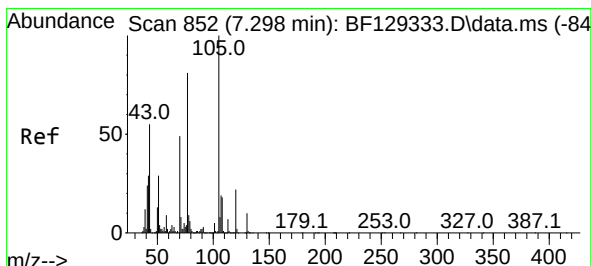
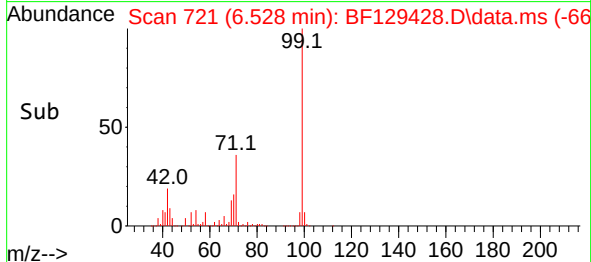
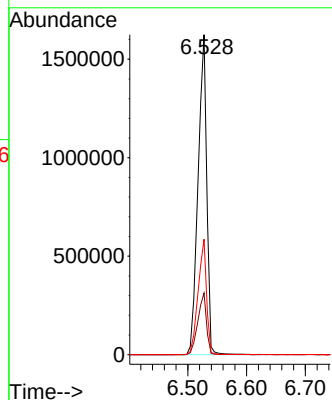
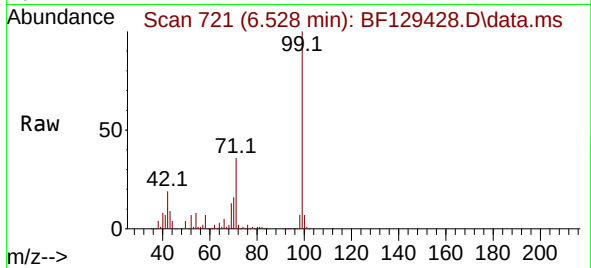




#7
Phenol-d6
Concen: 121.494 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

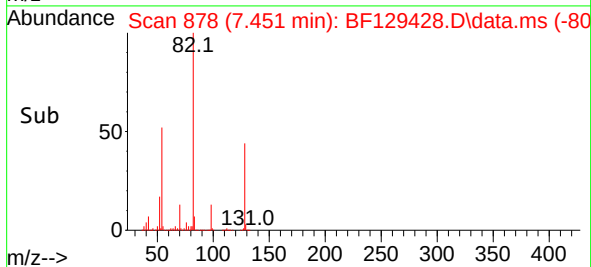
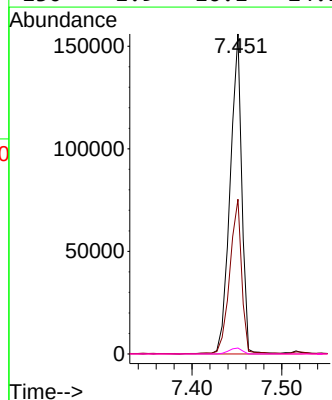
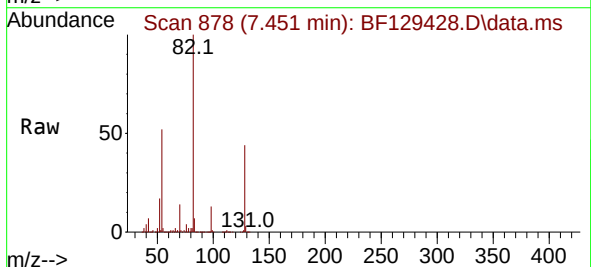
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

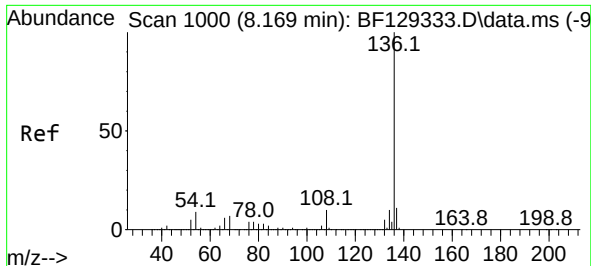
Tgt Ion: 99 Resp: 1677364
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.843 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion: 70 Resp: 140778
Ion Ratio Lower Upper
70 100
42 48.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

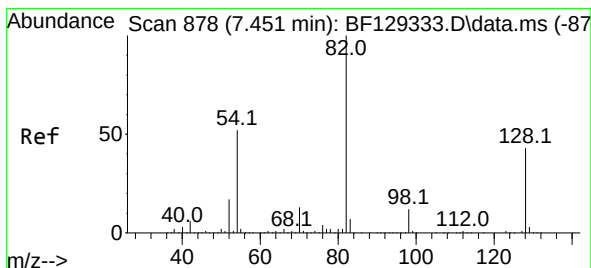
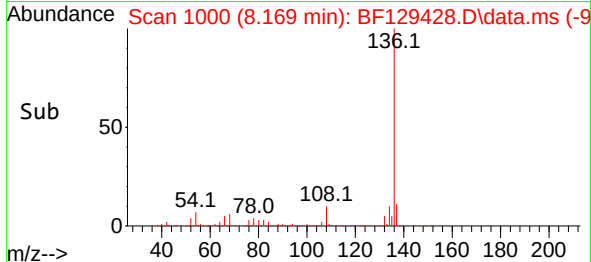
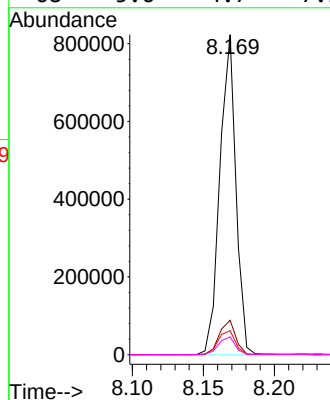
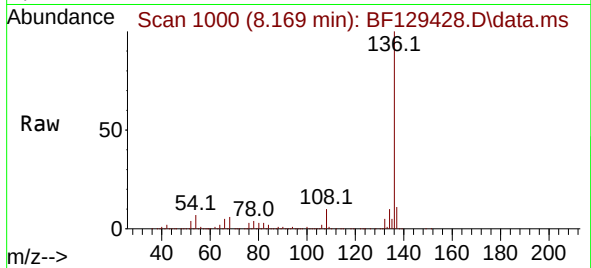




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

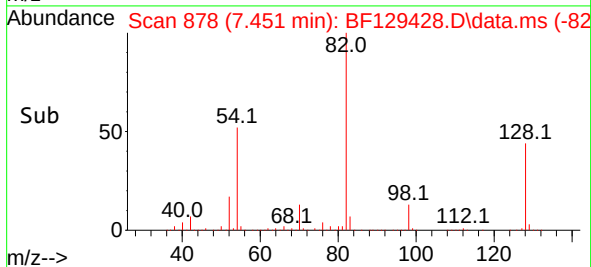
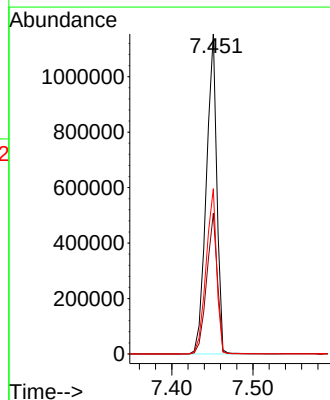
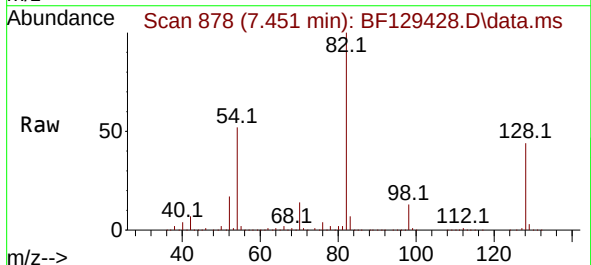
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

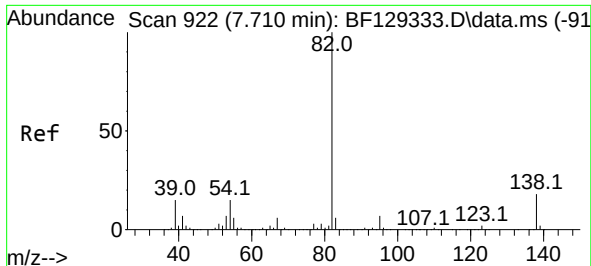
Tgt Ion:136 Resp: 645960
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 7.5 11.3#
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.676 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion: 82 Resp: 1037490
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 51.7 46.9 70.3

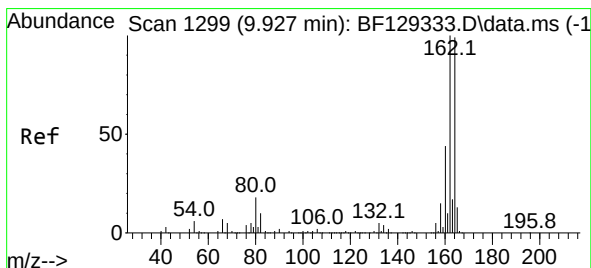
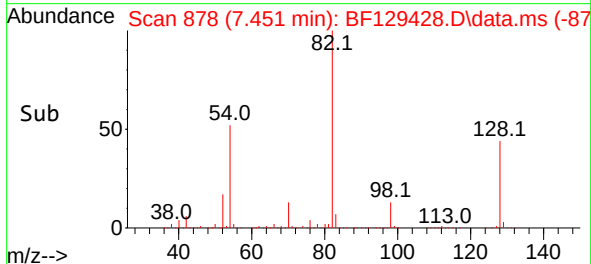
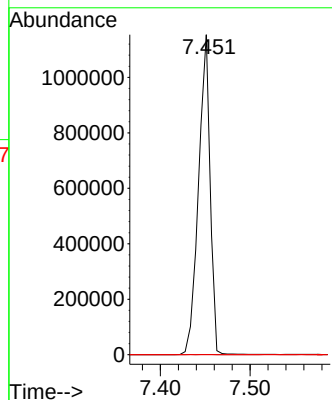
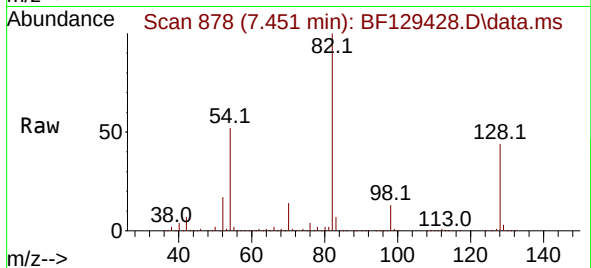




#25
Isophorone
Concen: 48.778 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

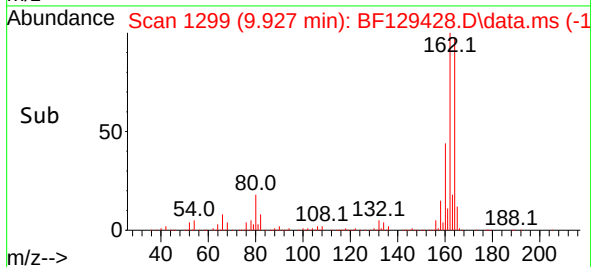
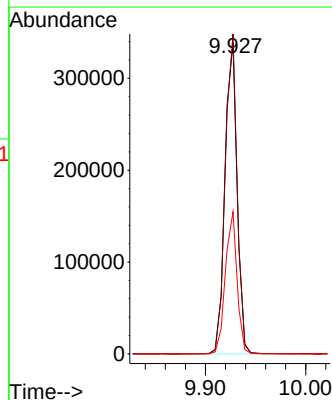
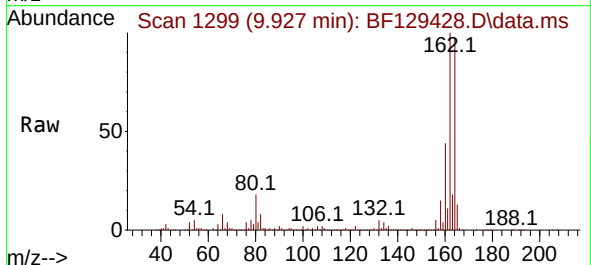
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ClientSampleId :
JC-03-072722-A

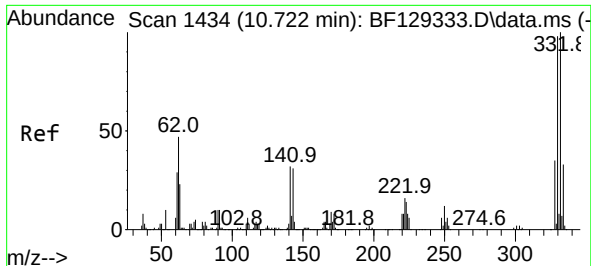
Tgt Ion: 82 Resp: 1034637
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion:164 Resp: 284817
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 114.877 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

Instrument :

BNA_F

ClientSampleId :

JC-03-072722-A

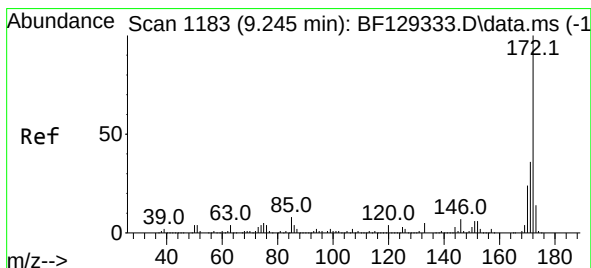
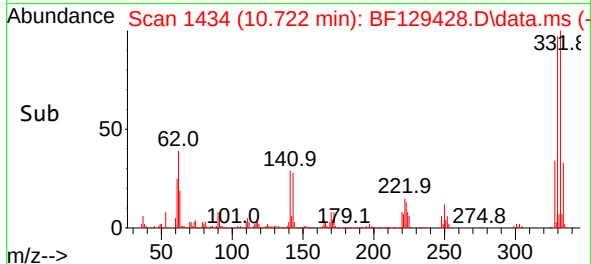
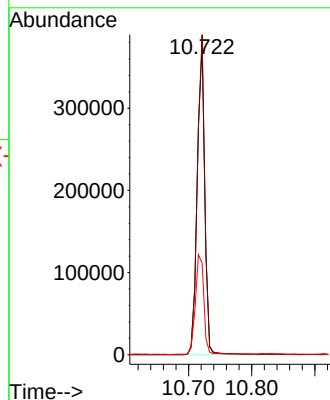
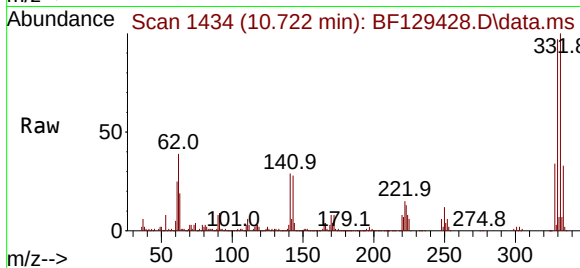
Tgt Ion:330 Resp: 314569

Ion Ratio Lower Upper

330 100

332 101.7 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 89.979 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

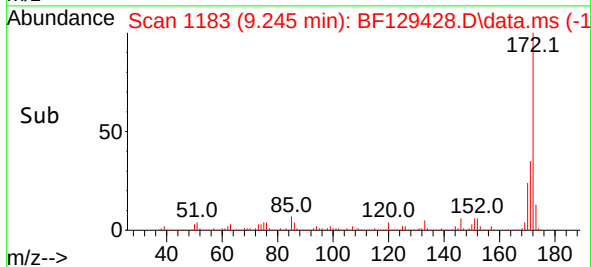
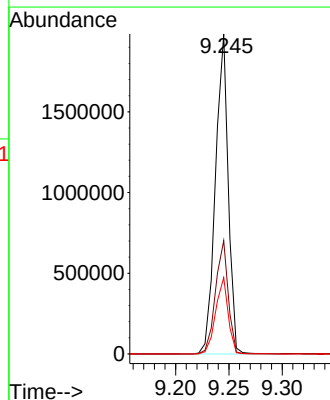
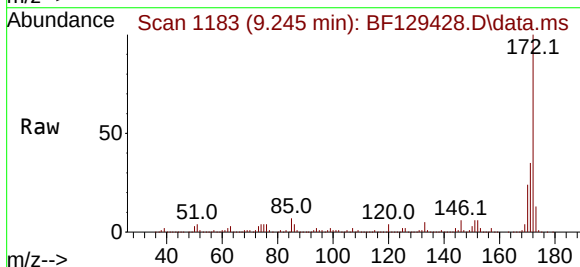
Tgt Ion:172 Resp: 1656642

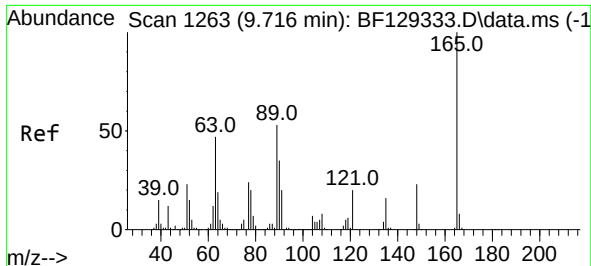
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.9 19.8 29.8

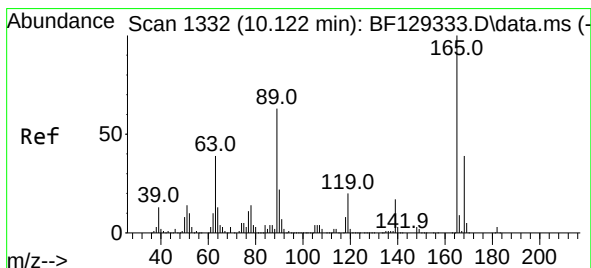
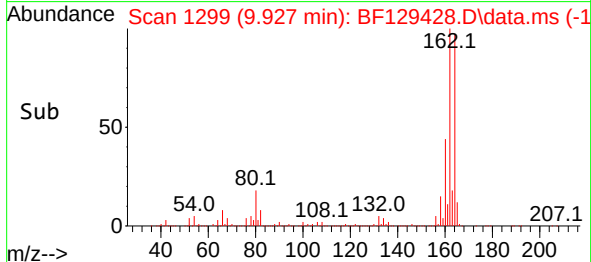
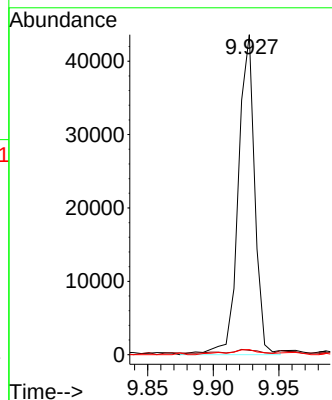
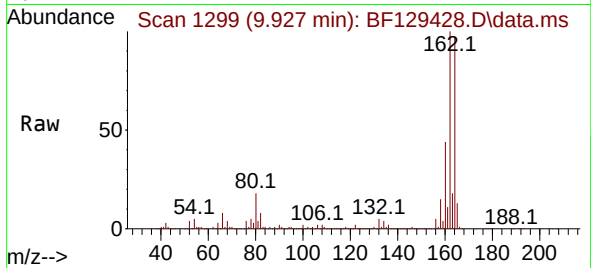




#51
2,6-Dinitrotoluene
Concen: 8.677 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.212 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

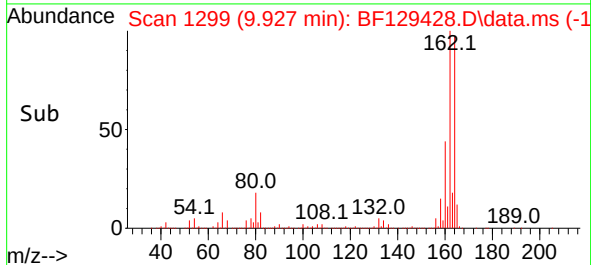
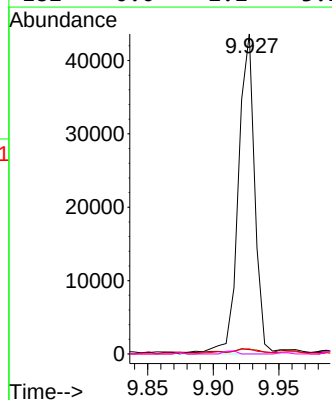
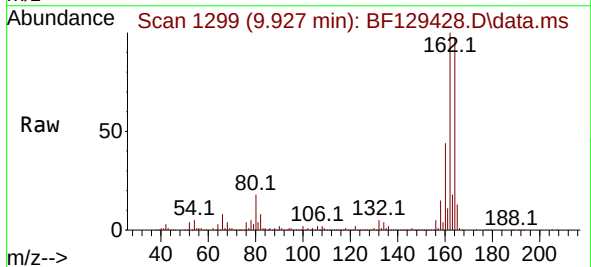
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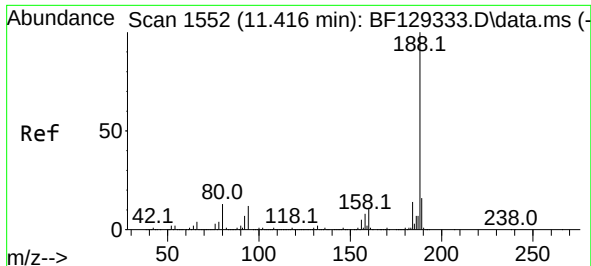
Tgt Ion:165 Resp: 38186
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.194 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion:165 Resp: 38186
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

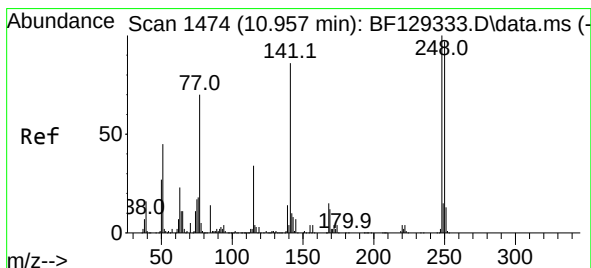
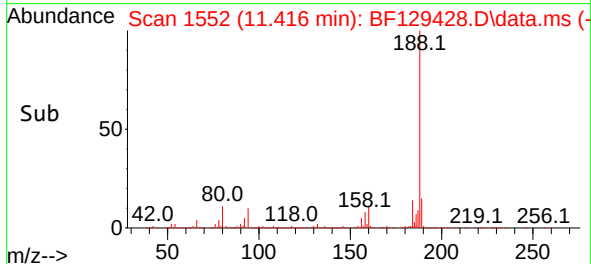
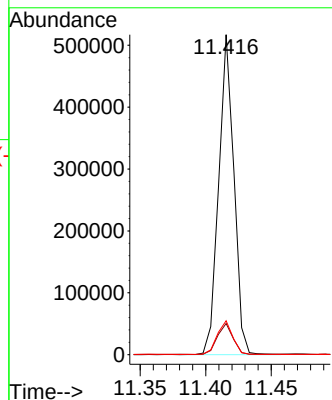
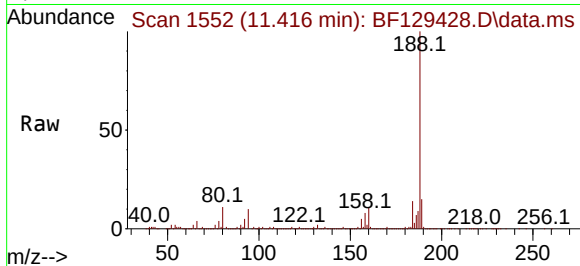




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

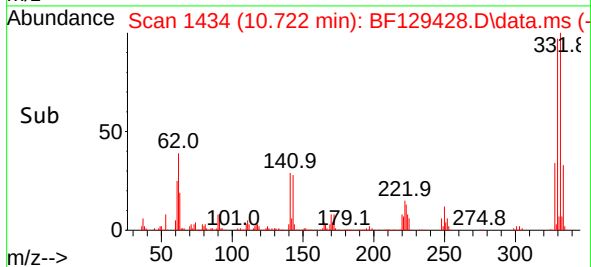
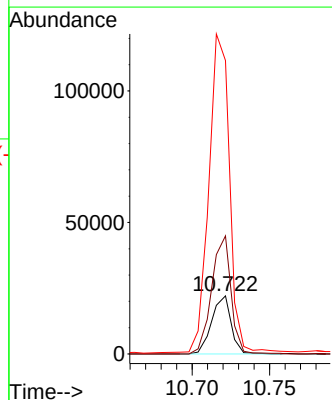
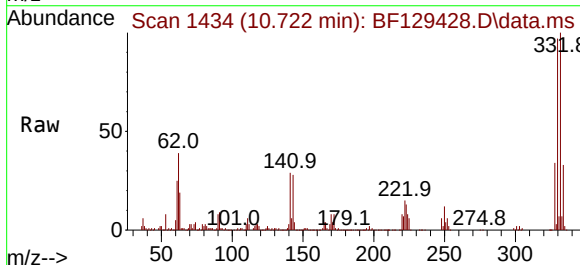
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

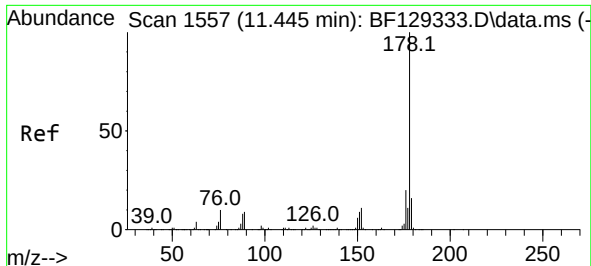
Tgt Ion:188 Resp: 417231
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.222 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion:248 Resp: 19288
Ion Ratio Lower Upper
248 100
250 203.1 80.6 120.8#
141 504.5 58.9 88.3#

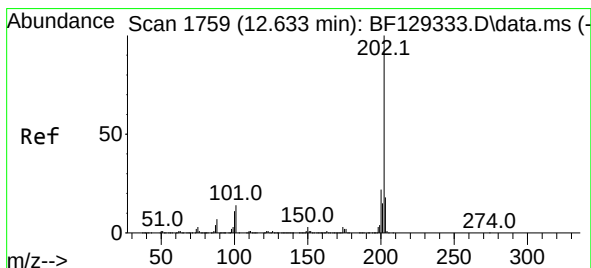
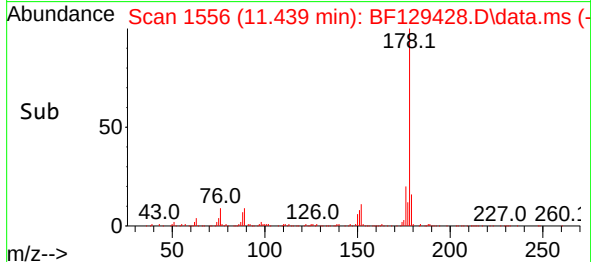
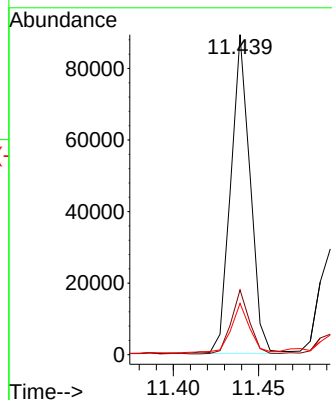
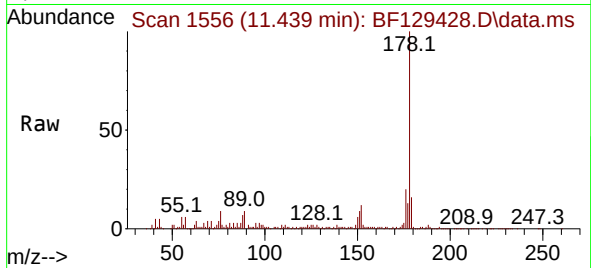




#71
Phenanthrene
Concen: 3.083 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

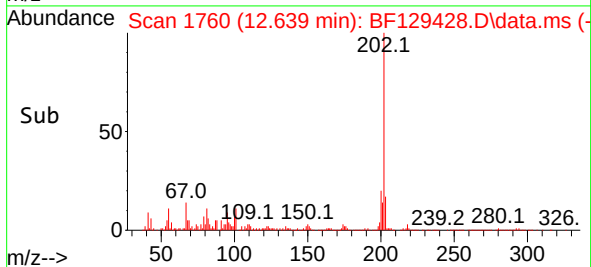
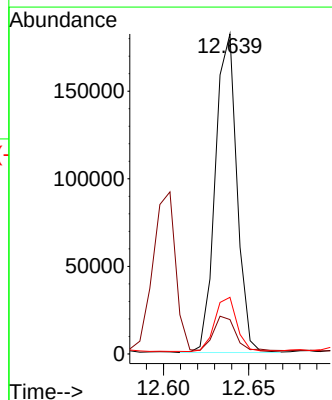
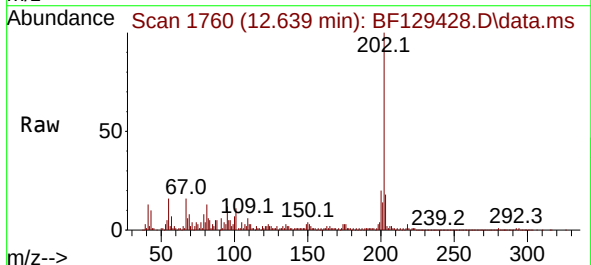
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

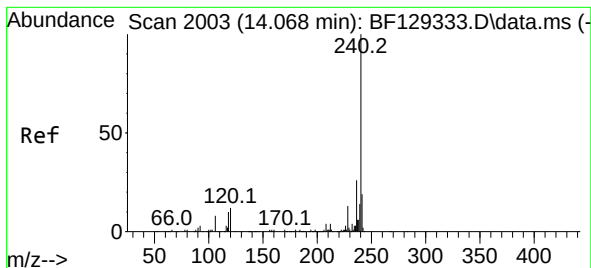
Tgt Ion:178 Resp: 70226
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.0 12.6 19.0



#75
Fluoranthene
Concen: 6.950 ng
RT: 12.639 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion:202 Resp: 160374
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

Instrument :

BNA_F

ClientSampleId :

JC-03-072722-A

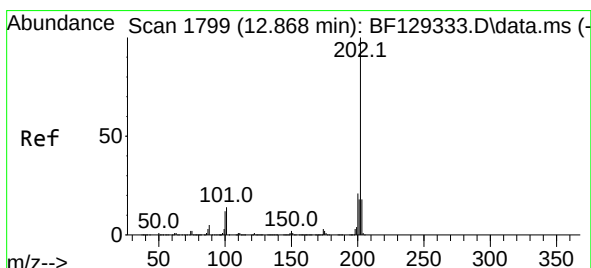
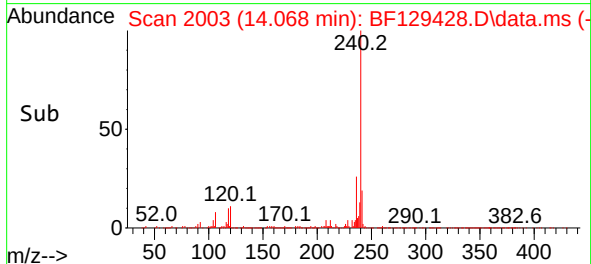
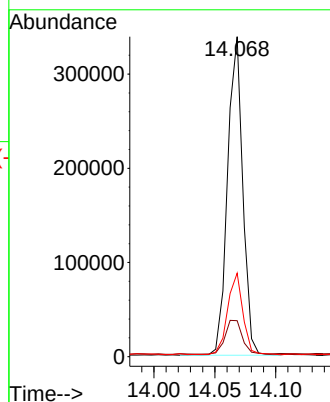
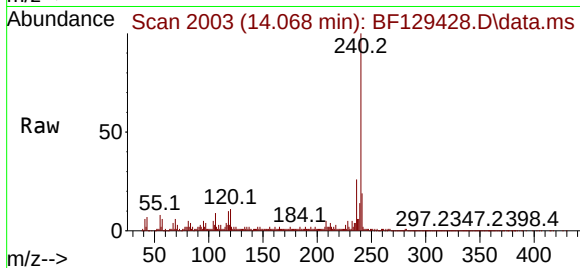
Tgt Ion:240 Resp: 294630

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 26.1 20.8 31.2



#78

Pyrene

Concen: 7.622 ng

RT: 12.868 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

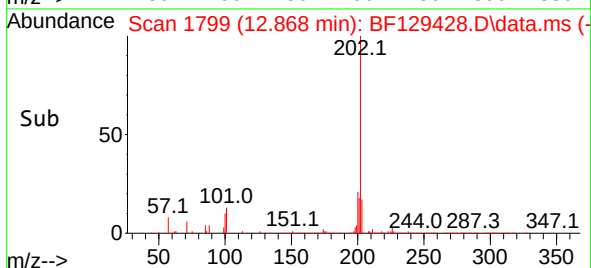
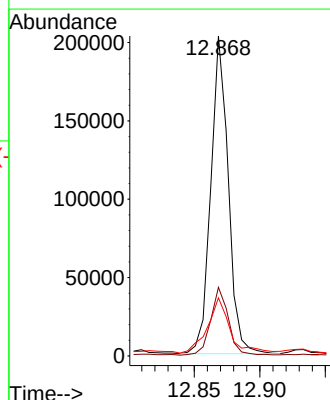
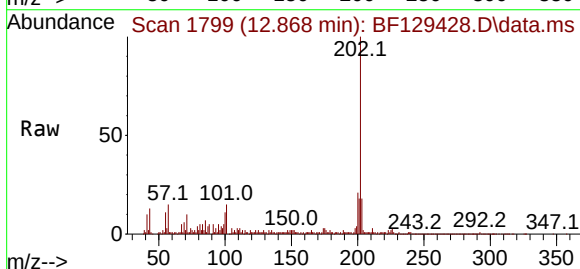
Tgt Ion:202 Resp: 187777

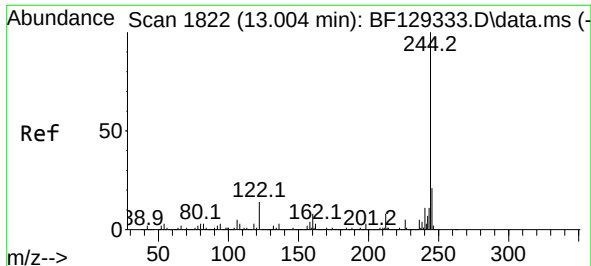
Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

203 18.1 14.6 21.8

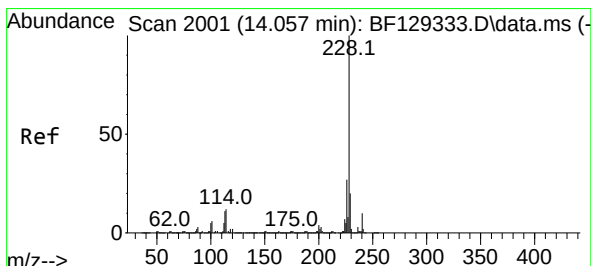
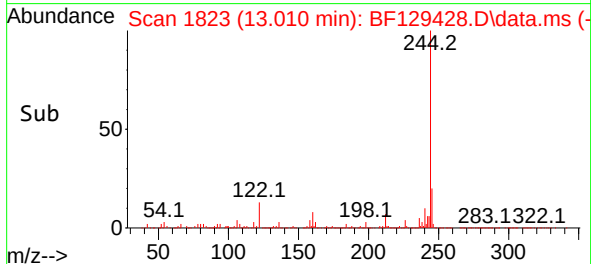
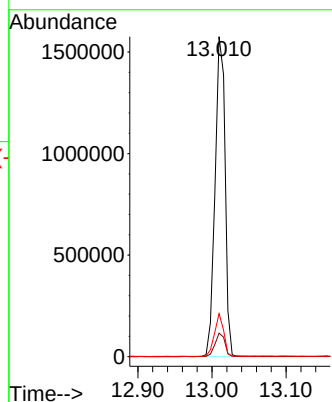
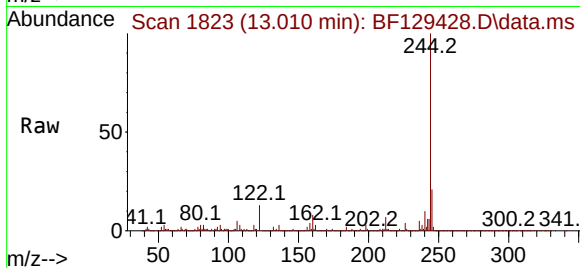




#79
 Terphenyl-d14
 Concen: 94.483 ng
 RT: 13.010 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129428.D
 Acq: 29 Jul 2022 01:48

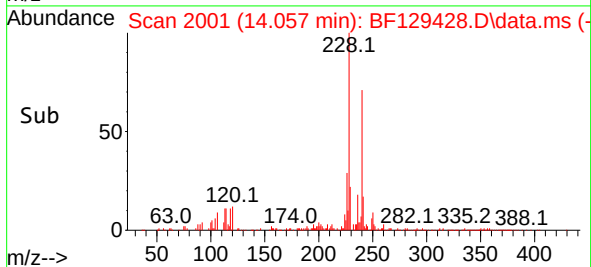
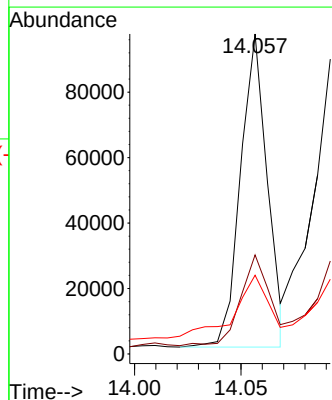
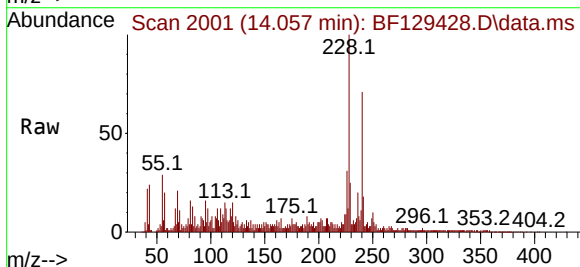
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-072722-A

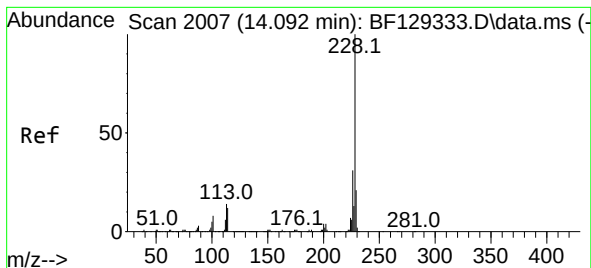
Tgt Ion:244 Resp: 1475552
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.4 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 4.180 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: BF129428.D
 Acq: 29 Jul 2022 01:48

Tgt Ion:228 Resp: 84128
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.1 33.1
 229 24.6 15.8 23.8#





#83

Chrysene

Concen: 4.429 ng

RT: 14.092 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

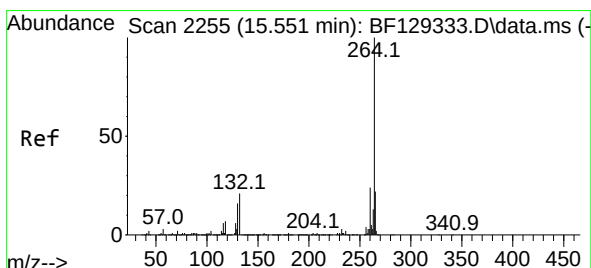
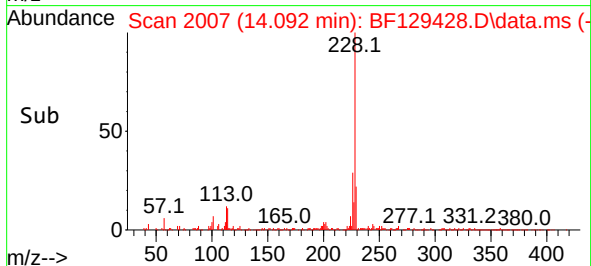
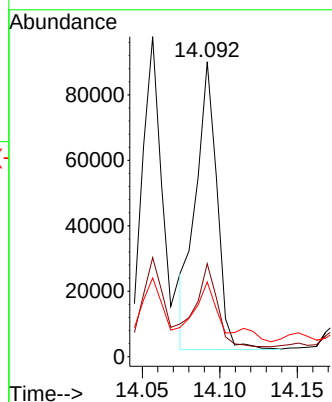
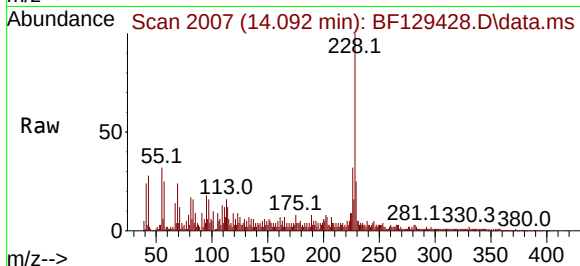
Instrument :

BNA_F

ClientSampleId :

JC-03-072722-A

Tgt Ion:	228	Resp:	84010
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.3	36.5
229	25.3	15.9	23.9



#86

Perylene-d12

Concen: 20.000 ng

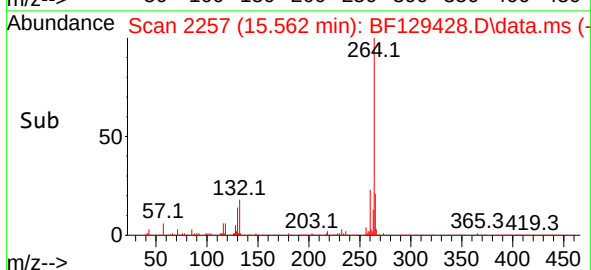
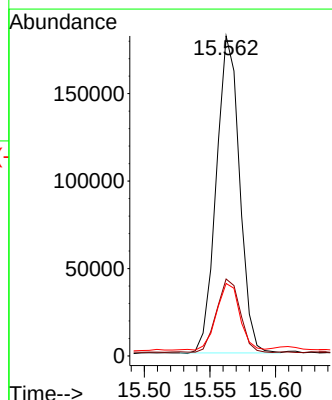
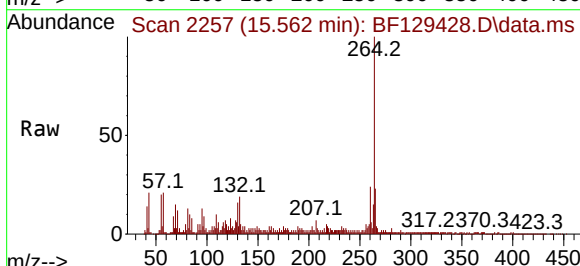
RT: 15.562 min Scan# 2257

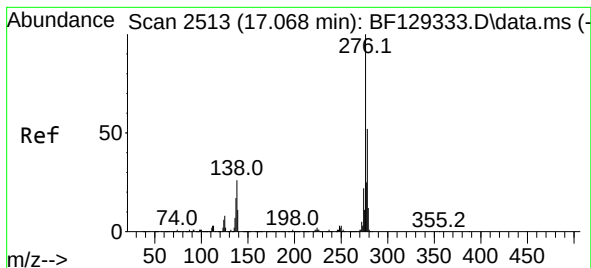
Delta R.T. 0.012 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

Tgt Ion:	264	Resp:	222833
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.4	27.6
265	22.7	17.2	25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.546 ng

RT: 17.080 min Scan# 211

Delta R.T. 0.012 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

Instrument :

BNA_F

ClientSampleId :

JC-03-072722-A

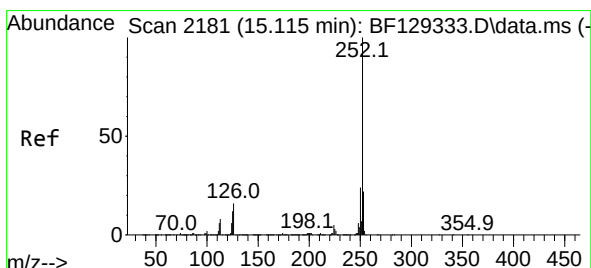
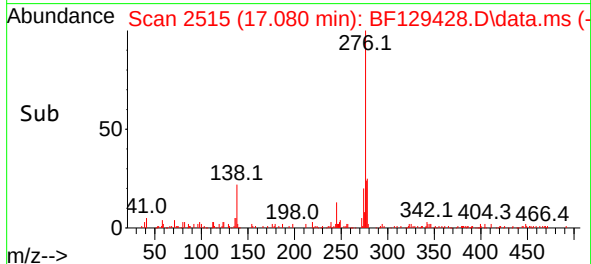
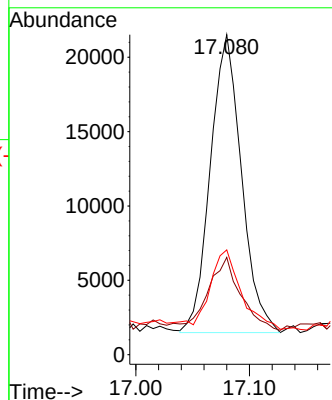
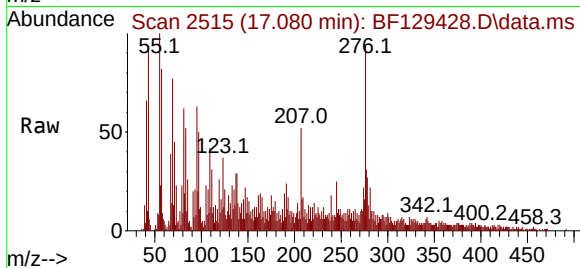
Tgt Ion:276 Resp: 38200

Ion Ratio Lower Upper

276 100

138 25.5 21.1 31.7

277 26.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 8.085 ng

RT: 15.121 min Scan# 2182

Delta R.T. 0.006 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

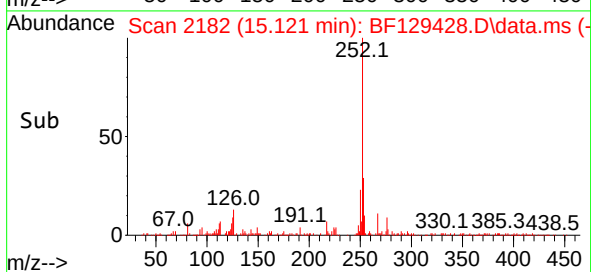
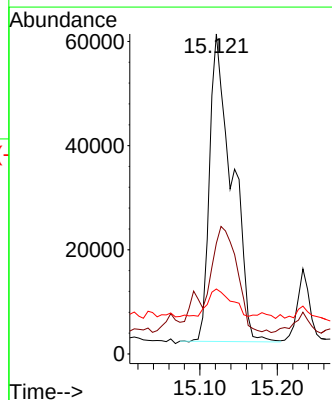
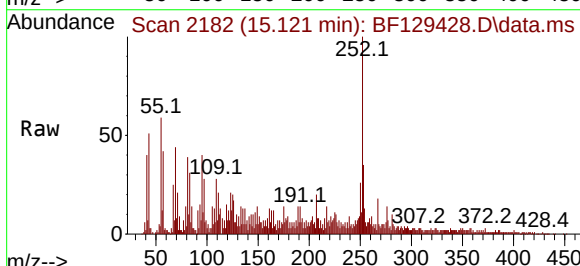
Tgt Ion:252 Resp: 119500

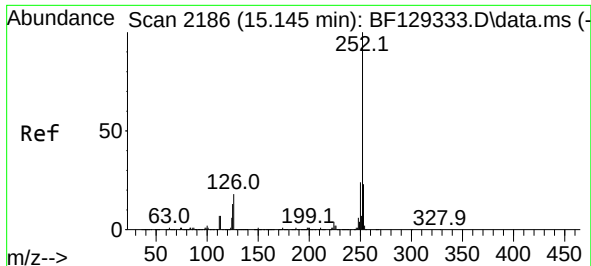
Ion Ratio Lower Upper

252 100

253 34.6 17.7 26.5#

125 20.3 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 8.250 ng

RT: 15.121 min Scan# 2186

Delta R.T. -0.024 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

Instrument :

BNF_F

ClientSampleId :

JC-03-072722-A

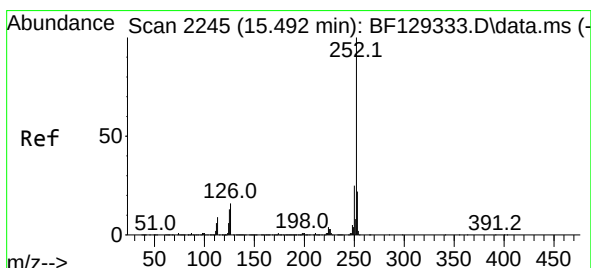
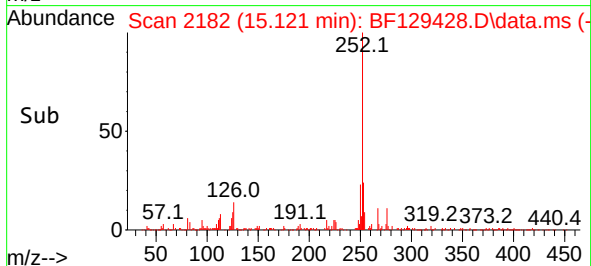
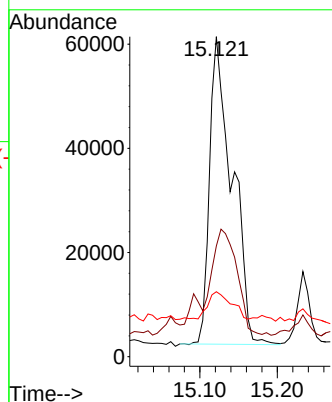
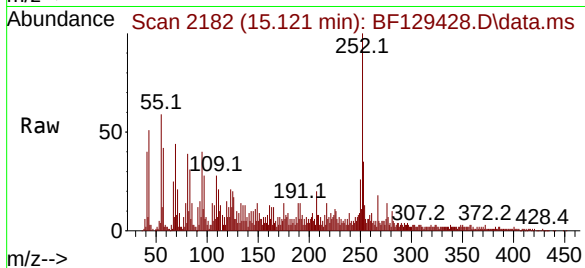
Tgt Ion:252 Resp: 119500

Ion Ratio Lower Upper

252 100

253 34.6 17.8 26.6#

125 20.3 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 5.352 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

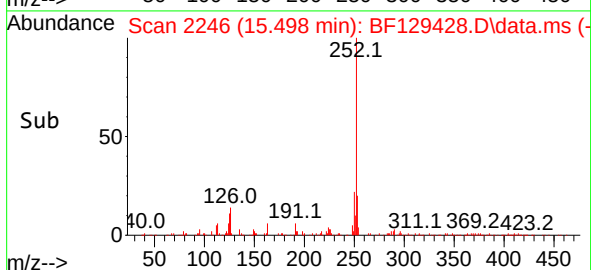
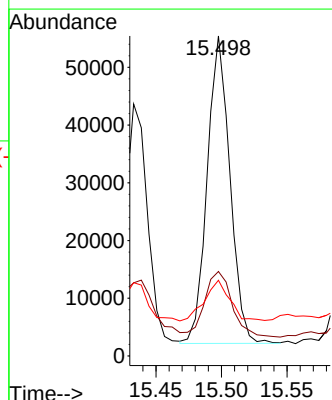
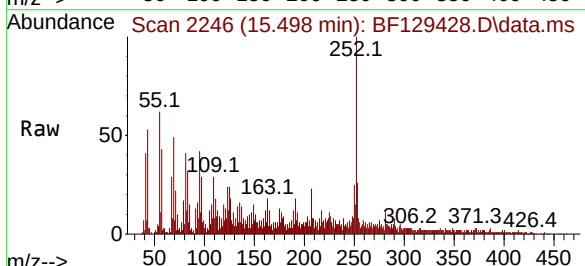
Tgt Ion:252 Resp: 64215

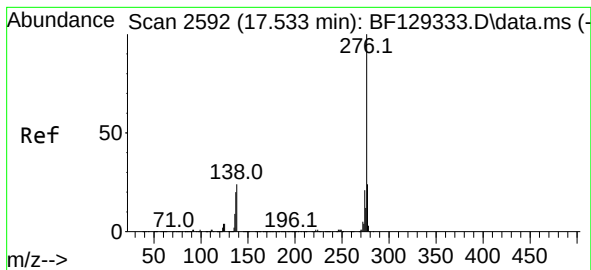
Ion Ratio Lower Upper

252 100

253 26.4 17.0 25.6#

125 23.7 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.390 ng

RT: 17.539 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129428.D

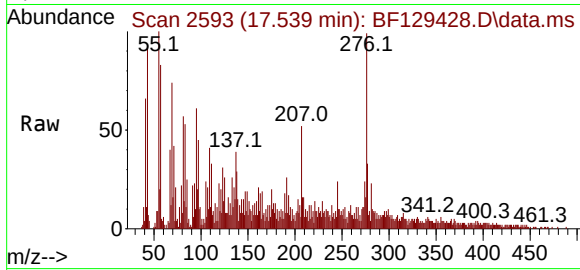
Acq: 29 Jul 2022 01:48

Instrument :

BNA_F

ClientSampleId :

JC-03-072722-A



Tgt Ion:276 Resp: 42308

Ion Ratio Lower Upper

276 100

277 33.4 19.1 28.7#

138 29.3 18.0 27.0#

