

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129794.D
 Acq On : 15 Aug 2022 22:21
 Operator : CG\JU
 Sample : N4205-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Quant Time: Aug 16 03:19:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

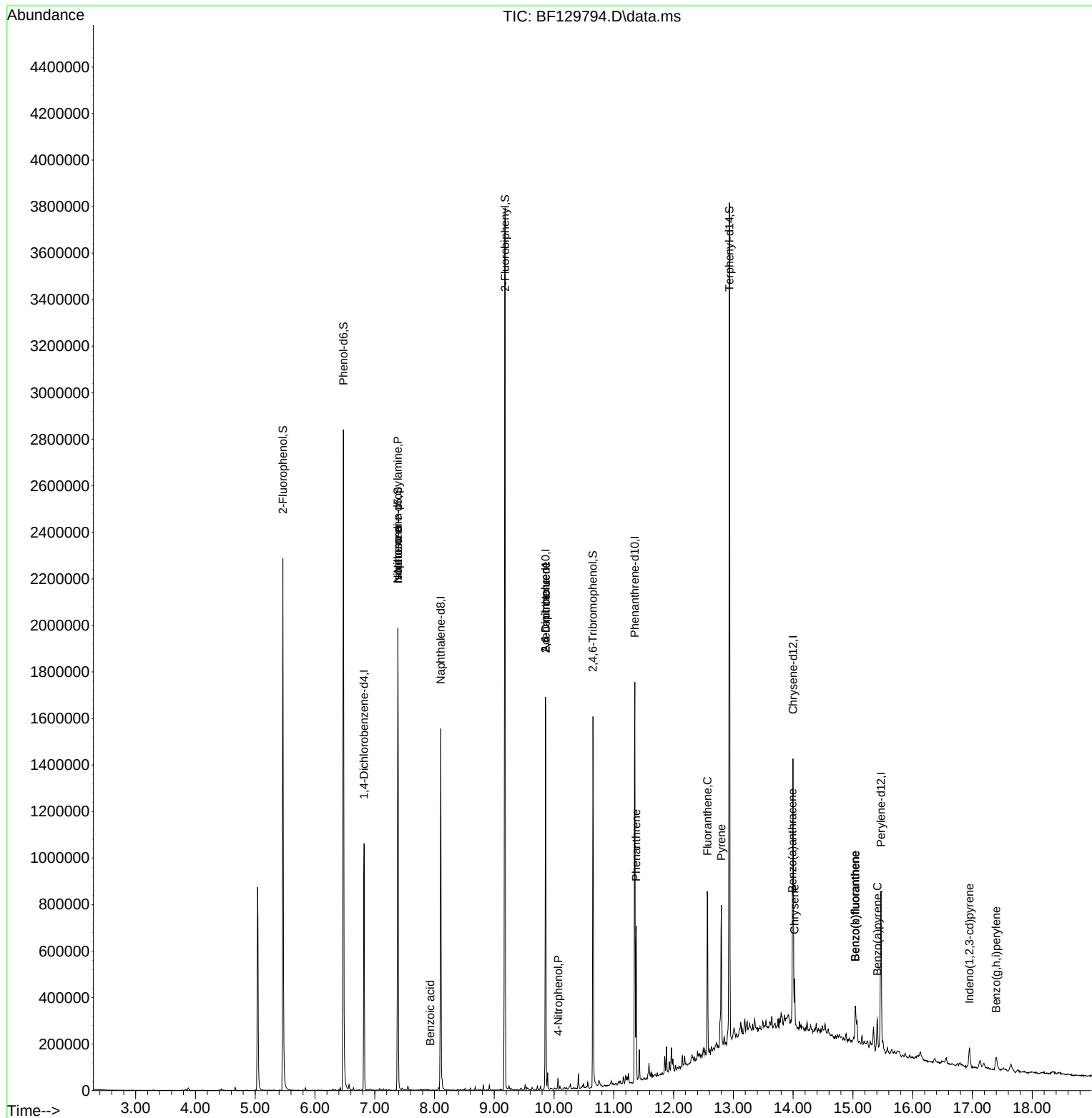
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156386	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650916	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	349294	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	596924	20.000	ng	0.00
76) Chrysene-d12	13.998	240	339715	20.000	ng	0.00
86) Perylene-d12	15.468	264	294045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	633261	67.045	ng	0.00
7) Phenol-d6	6.475	99	924282	78.142	ng	0.00
23) Nitrobenzene-d5	7.387	82	643807	52.947	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	173953	49.620	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	1253917	54.523	ng	0.00
79) Terphenyl-d14	12.933	244	1217150	59.616	ng	0.00
Target Compounds						
9) Benzaldehyde	6.375	77	58	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.387	70	86363	11.551 ng	#	77
25) Isophorone	7.387	82	643803	30.762 ng	#	65
32) Benzoic acid	7.928	122	81	2.176 ng	#	1
51) 2,6-Dinitrotoluene	9.857	165	46068	8.481 ng	#	23
56) 4-Nitrophenol	10.069	139	6483	2.426 ng	#	7
57) 2,4-Dinitrotoluene	9.857	165	46068	6.533 ng	#	18
71) Phenanthrene	11.375	178	239599	7.187 ng		99
75) Fluoranthene	12.569	202	275003	8.061 ng		99
77) Benzidine	12.616	184	613	Below Cal	#	1
78) Pyrene	12.798	202	236185	8.001 ng		98
81) Benzo(a)anthracene	13.986	228	88791	3.799 ng		99
83) Chrysene	14.022	228	76655	3.504 ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	45193	2.239 ng		96
88) Benzo(b)fluoranthene	15.039	252	116001	5.761 ng	#	95
89) Benzo(k)fluoranthene	15.039	252	116001	6.007 ng	#	96
90) Benzo(a)pyrene	15.410	252	62879	3.966 ng	#	95
92) Benzo(g,h,i)perylene	17.398	276	44499	2.678 ng		97

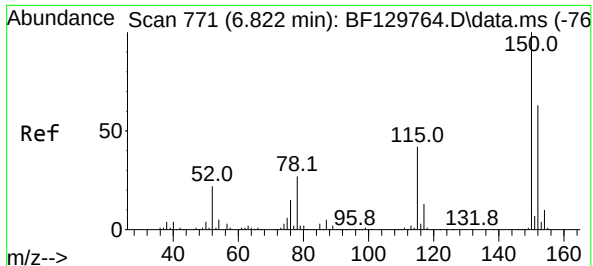
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129794.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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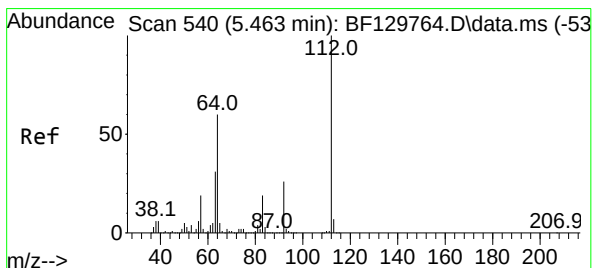
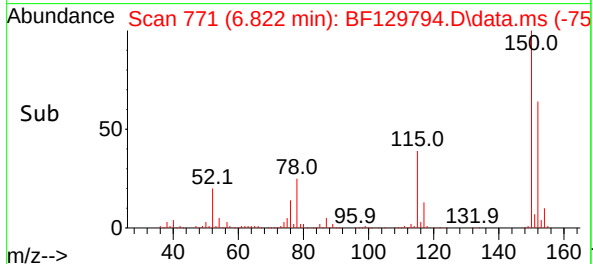
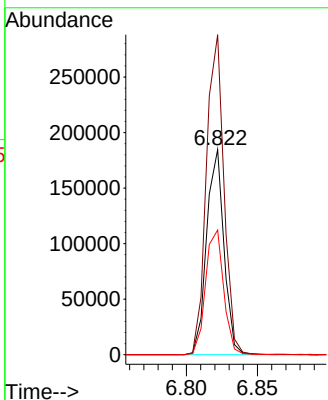
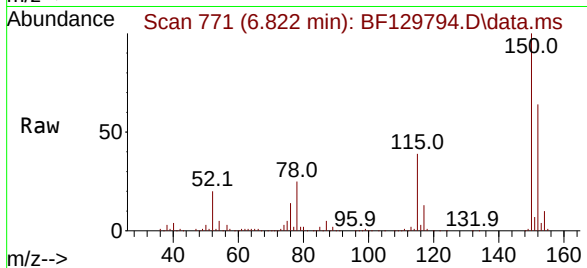




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

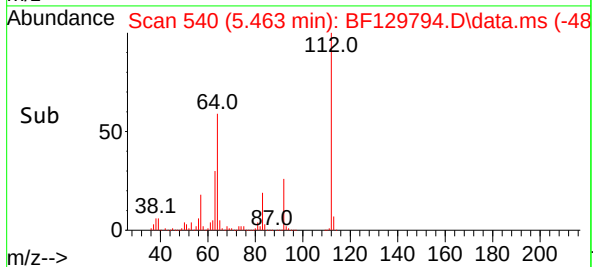
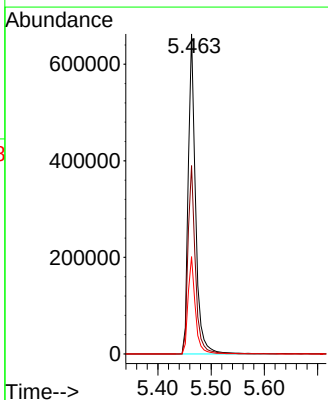
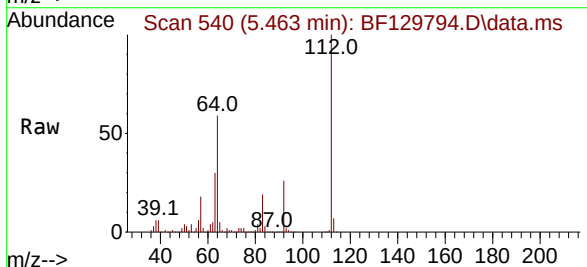
Instrument :
BNA_F
ClientSampleId :
SS-5

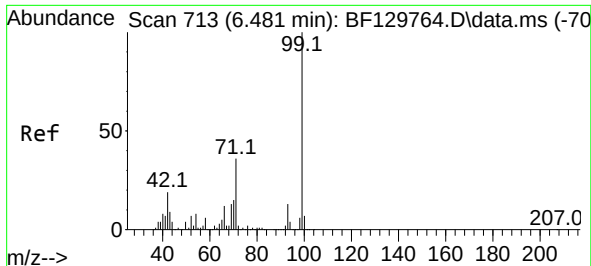
Tgt Ion:152 Resp: 156386
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 60.8 53.4 80.0



#5
2-Fluorophenol
Concen: 67.045 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:112 Resp: 633261
Ion Ratio Lower Upper
112 100
64 58.8 47.6 71.4
63 30.4 24.6 37.0

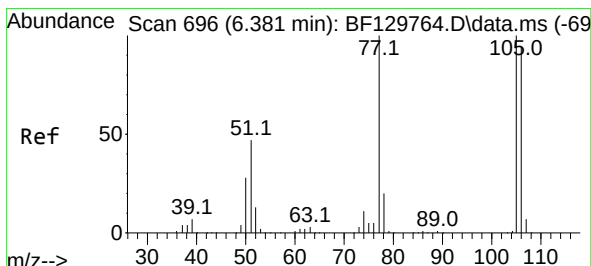
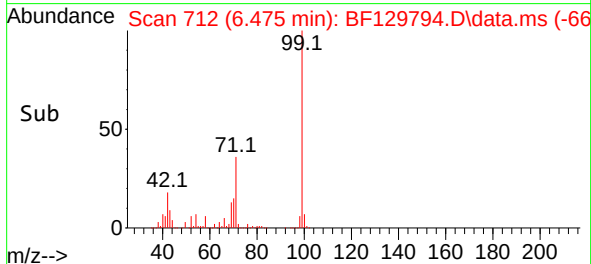
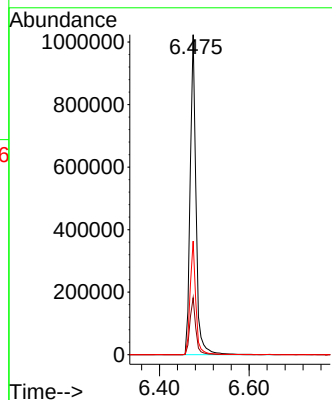
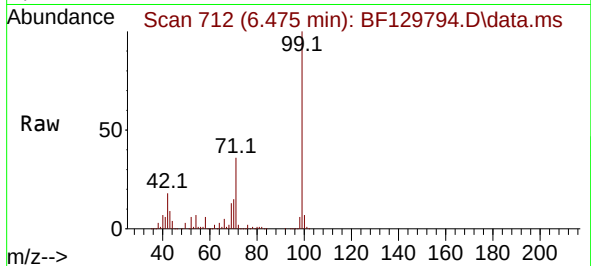




#7
Phenol-d6
Concen: 78.142 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

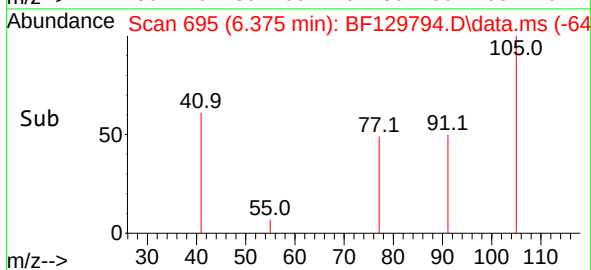
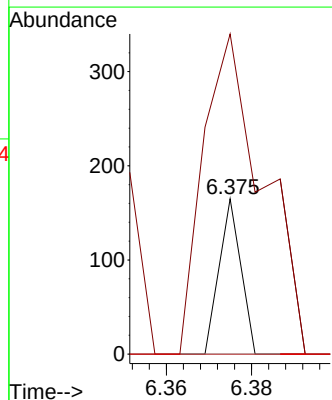
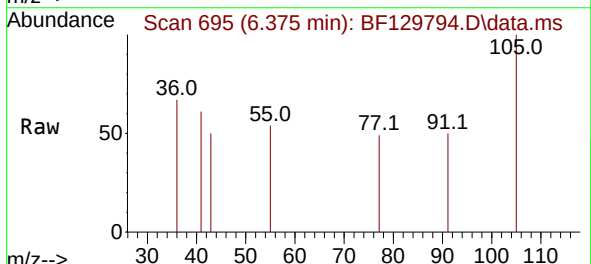
Instrument :
BNA_F
ClientSampleId :
SS-5

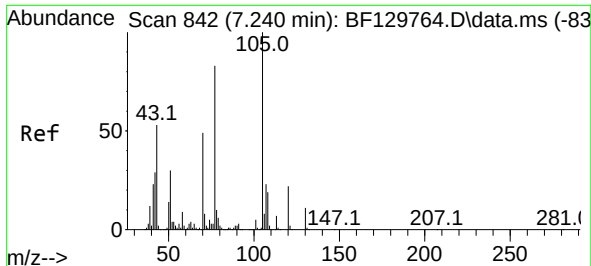
Tgt Ion: 99 Resp: 924282
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 695
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
105 206.1 80.3 120.3#
106 0.0 74.3 114.3#

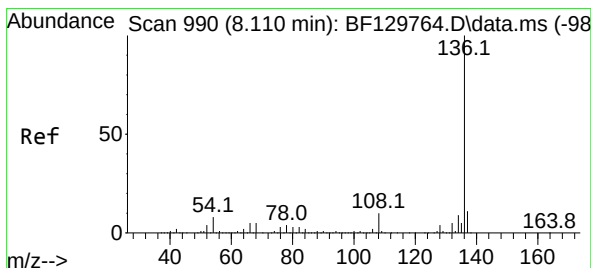
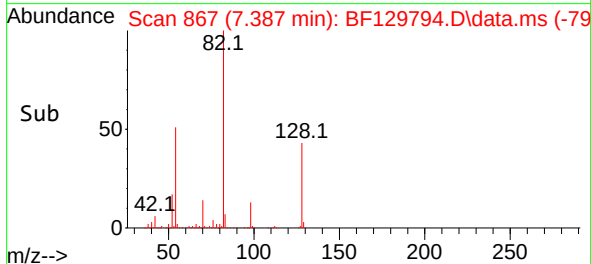
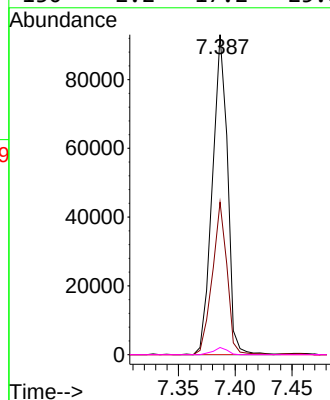
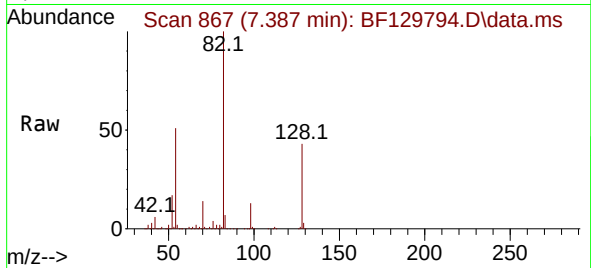




#19
n-Nitroso-di-n-propylamine
Concen: 11.551 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

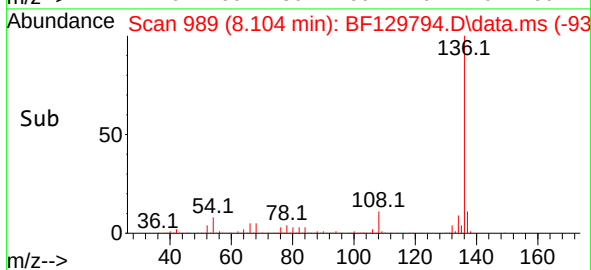
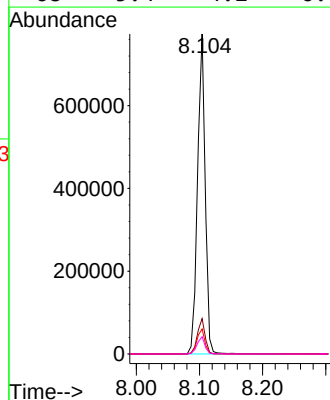
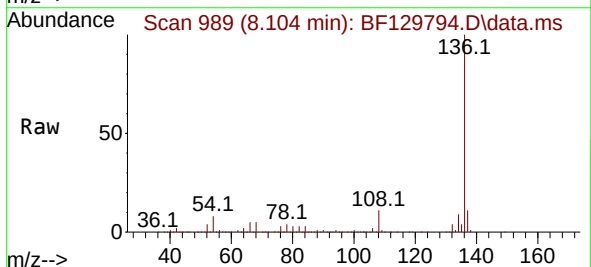
Instrument :
BNA_F
ClientSampleId :
SS-5

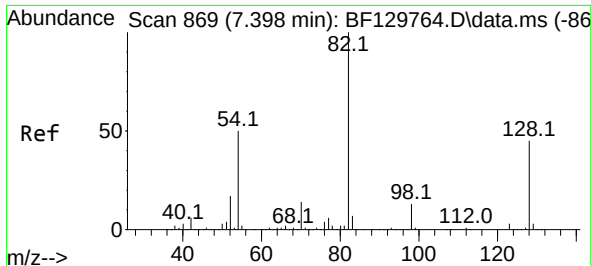
Tgt Ion: 70 Resp: 86363
Ion Ratio Lower Upper
70 100
42 47.7 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion: 136 Resp: 650916
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 5.4 4.2 6.4

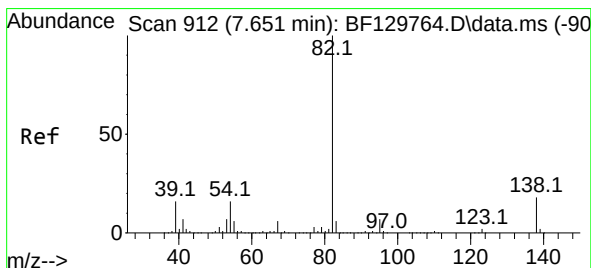
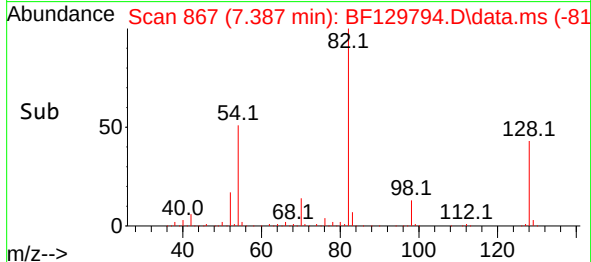
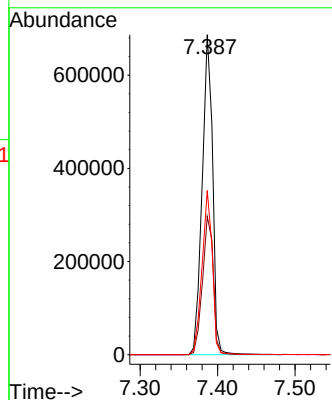
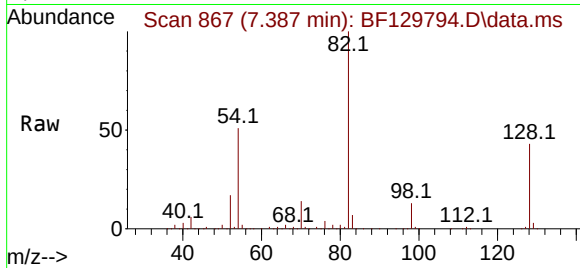




#23
Nitrobenzene-d5
Concen: 52.947 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

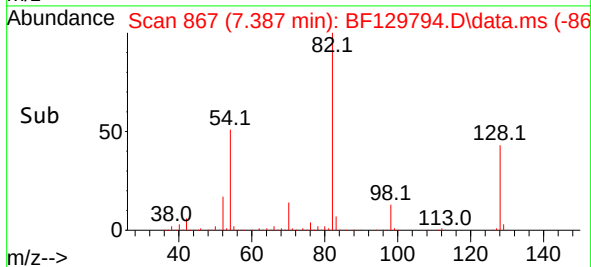
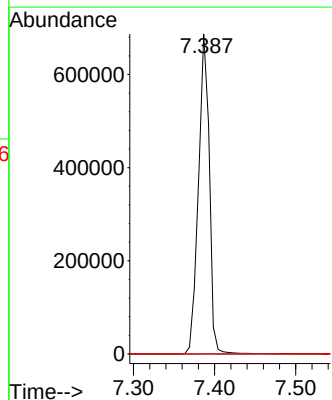
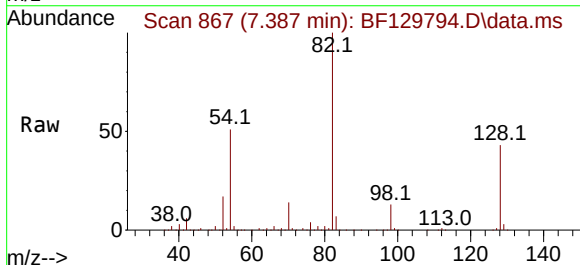
Instrument :
BNA_F
ClientSampleId :
SS-5

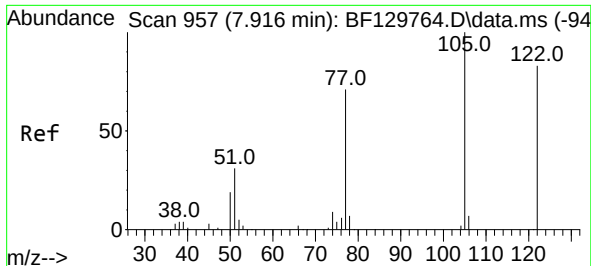
Tgt Ion: 82 Resp: 643807
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 51.3 40.0 60.0



#25
Isophorone
Concen: 30.762 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion: 82 Resp: 643803
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

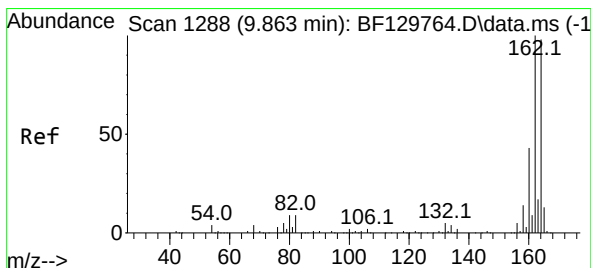
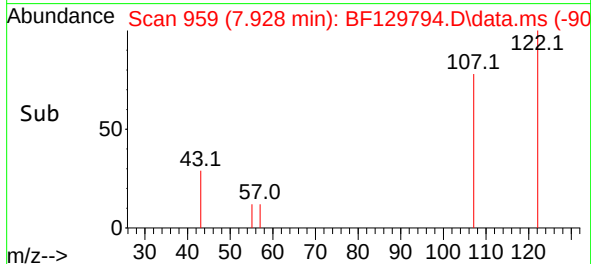
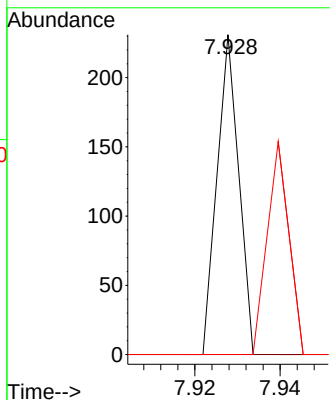
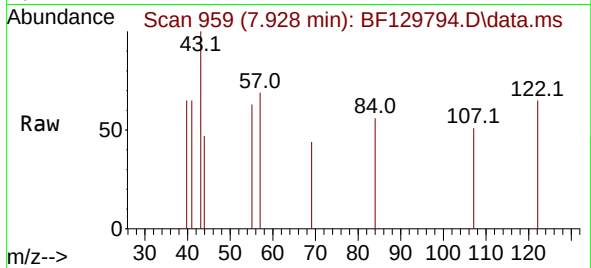




#32
Benzoic acid
Concen: 2.176 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

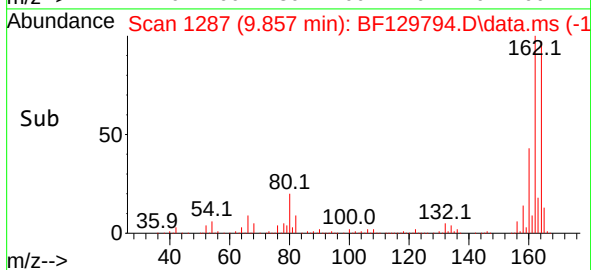
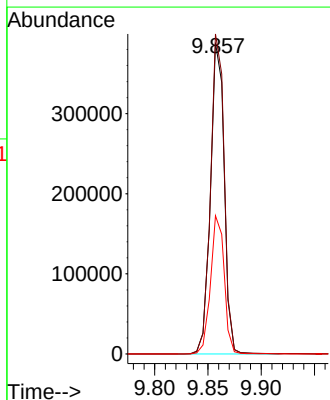
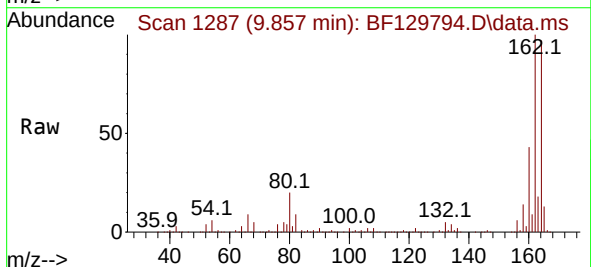
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ClientSampleId :
SS-5

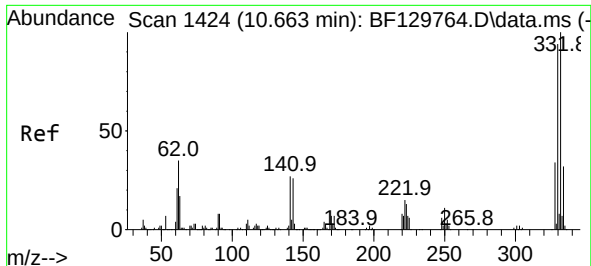
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:164 Resp: 349294
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 49.620 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

Instrument :

BNA_F

ClientSampleId :

SS-5

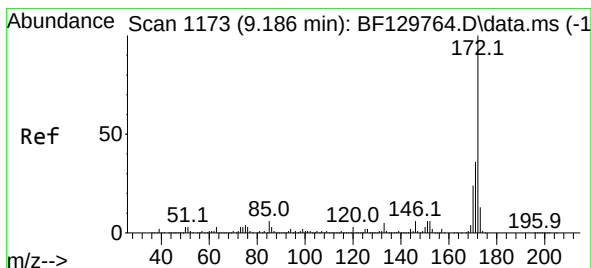
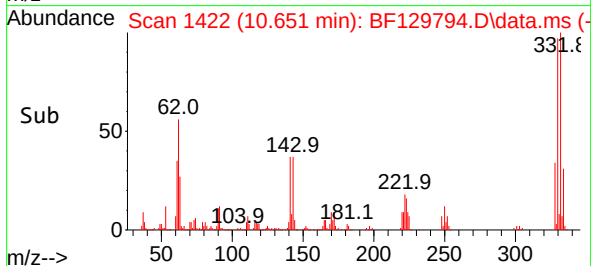
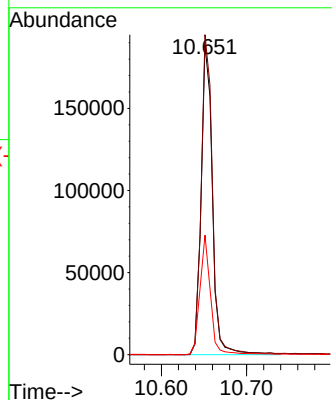
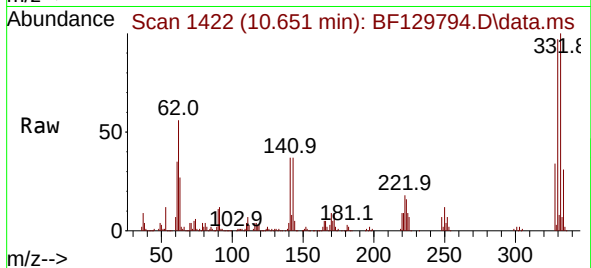
Tgt Ion:330 Resp: 173953

Ion Ratio Lower Upper

330 100

332 103.8 82.6 124.0

141 36.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 54.523 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

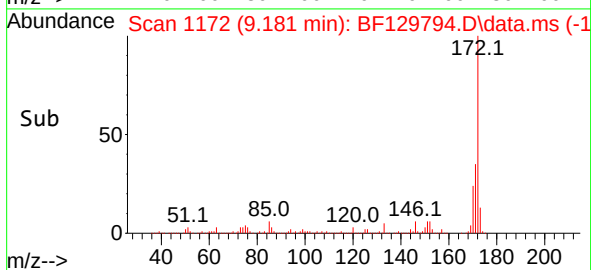
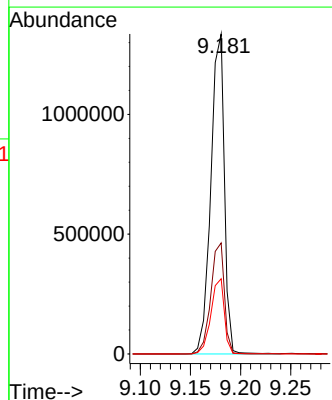
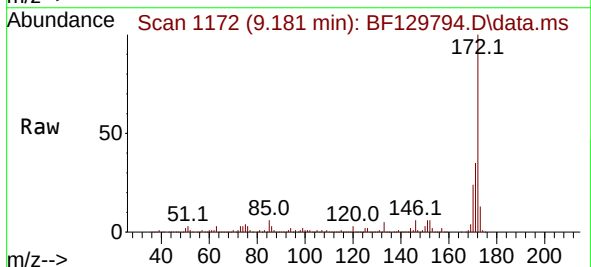
Tgt Ion:172 Resp: 1253917

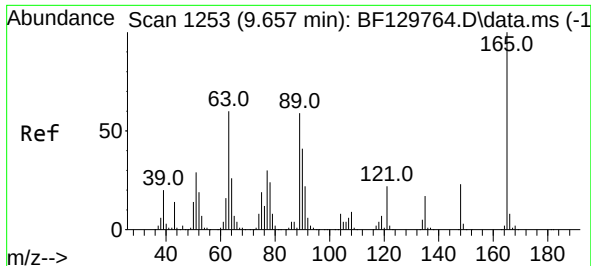
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.5 19.1 28.7

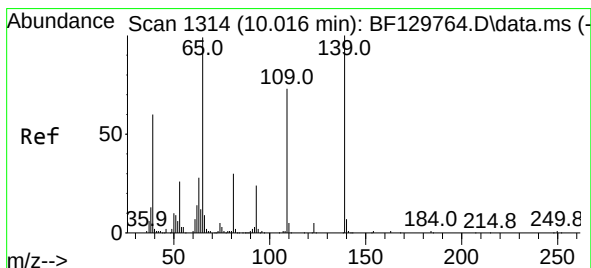
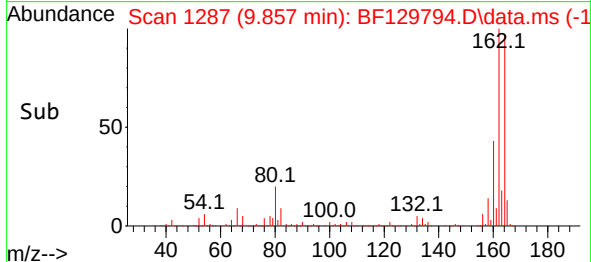
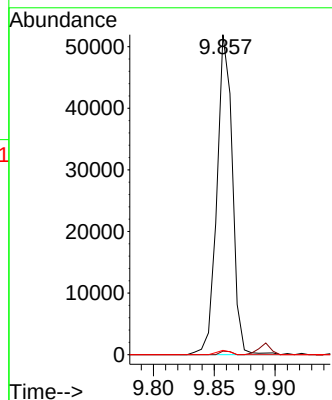
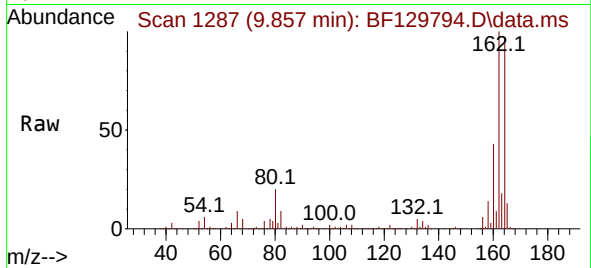




#51
2,6-Dinitrotoluene
Concen: 8.481 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

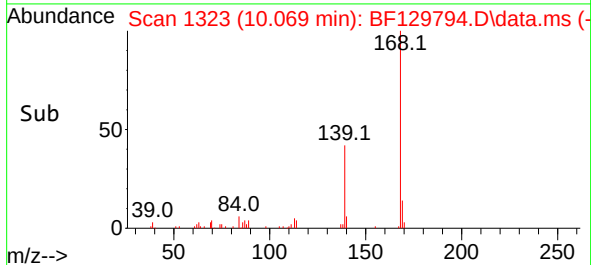
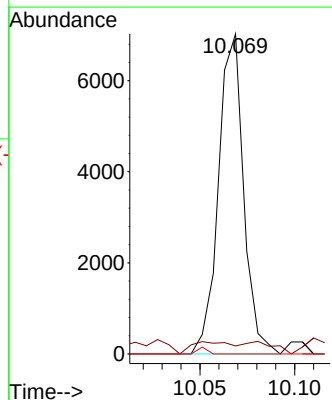
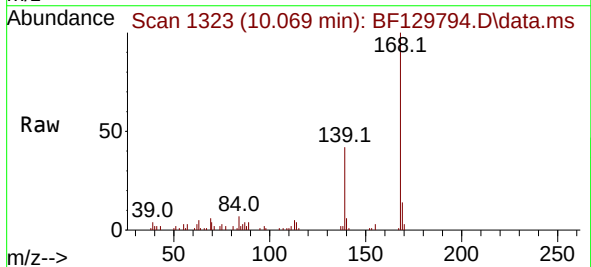
Instrument :
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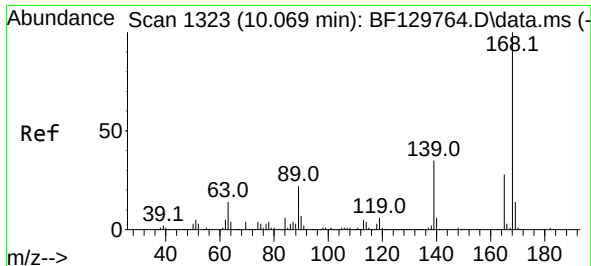
Tgt Ion:165 Resp: 46068
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.3 47.2 70.8#



#56
4-Nitrophenol
Concen: 2.426 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.053 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:139 Resp: 6483
Ion Ratio Lower Upper
139 100
109 2.5 52.9 92.9#
65 0.0 79.5 119.5#

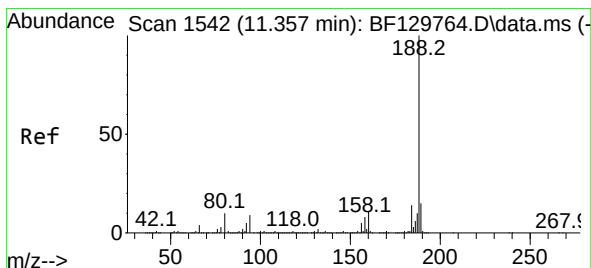
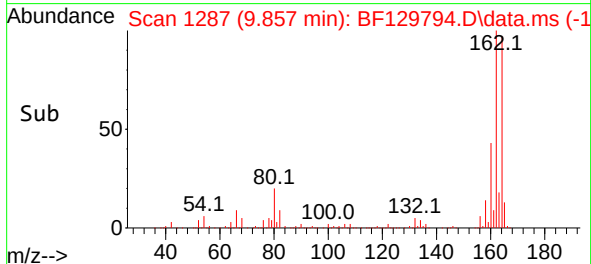
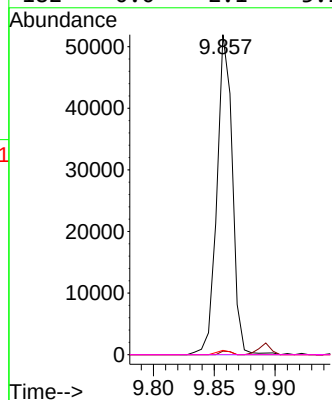
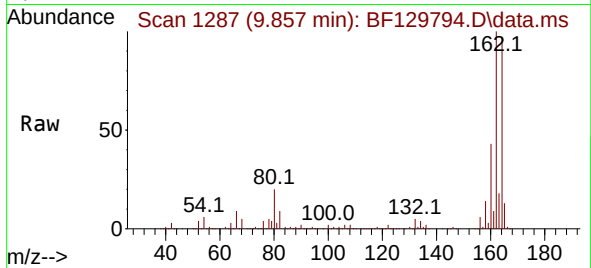




#57
2,4-Dinitrotoluene
Concen: 6.533 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

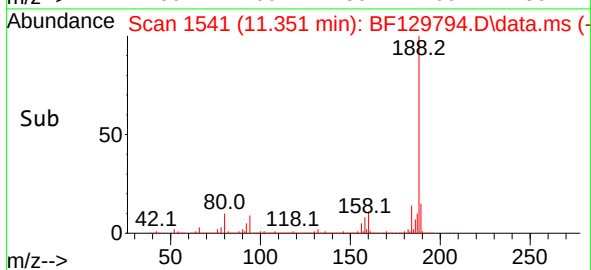
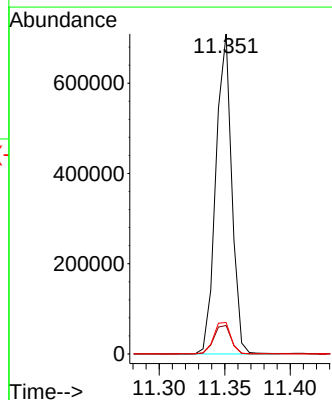
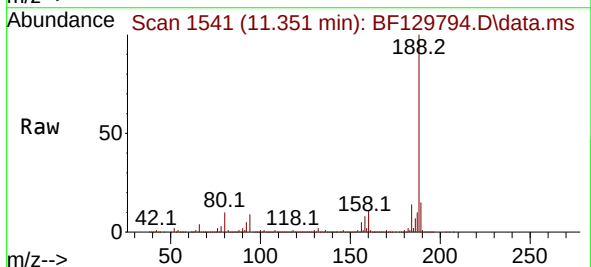
Instrument :
BNA_F
ClientSampleId :
SS-5

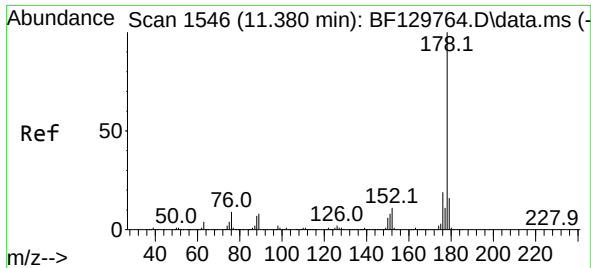
Tgt Ion:165 Resp: 46068
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:188 Resp: 596924
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.8 7.9 11.9

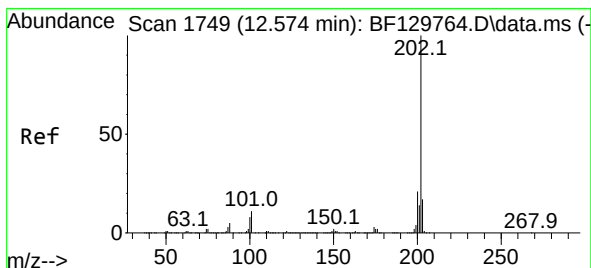
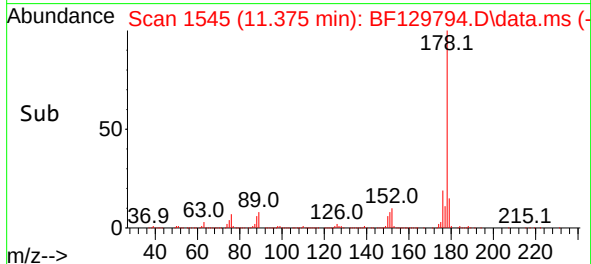
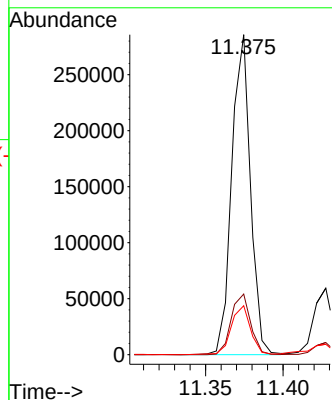
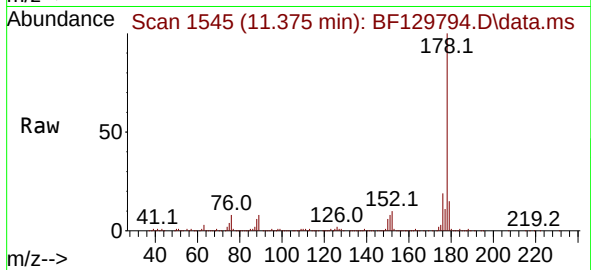




#71
Phenanthrene
Concen: 7.187 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

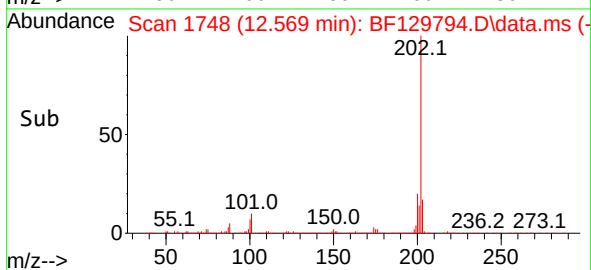
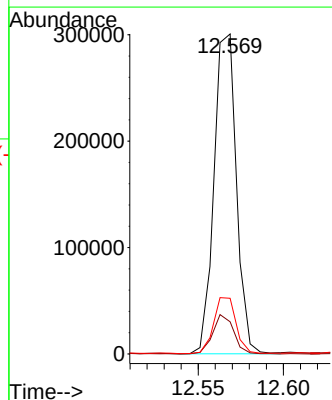
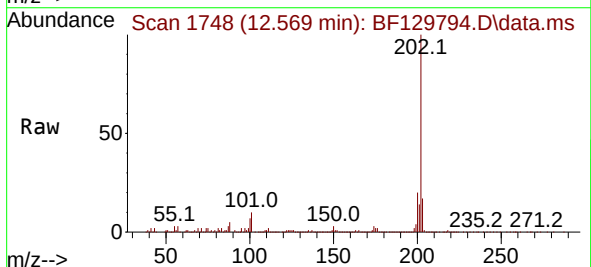
Instrument :
BNA_F
ClientSampleId :
SS-5

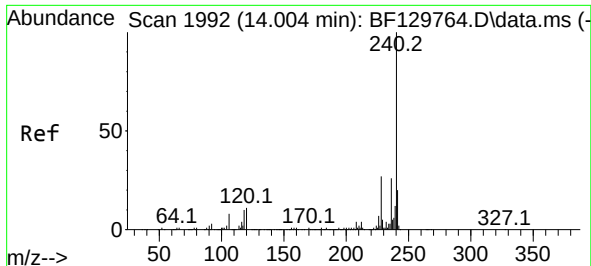
Tgt Ion:178 Resp: 239599
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.5 18.7



#75
Fluoranthene
Concen: 8.061 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:202 Resp: 275003
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.4 0.0 37.5

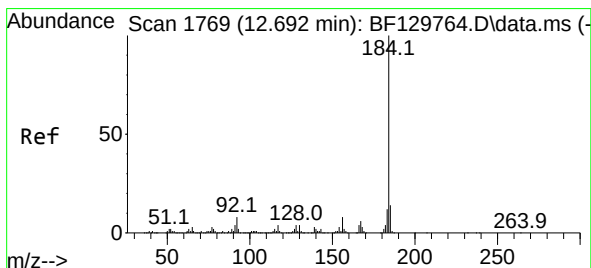
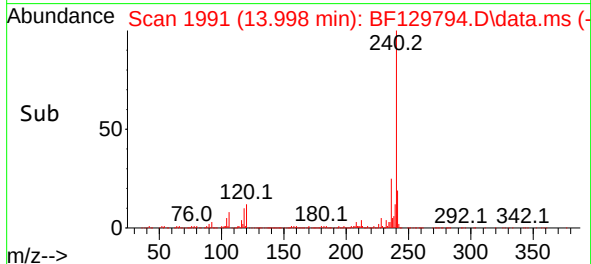
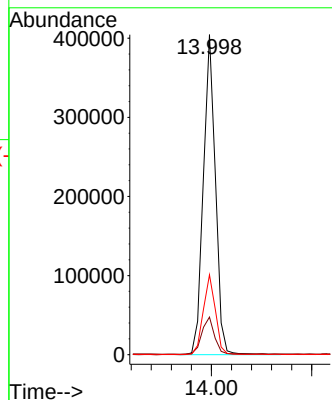
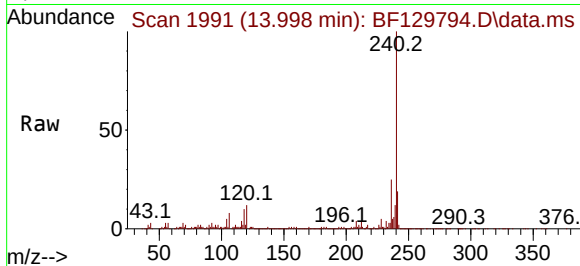




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

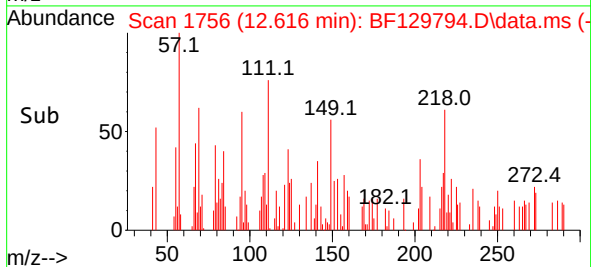
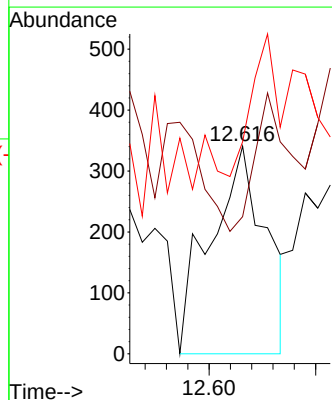
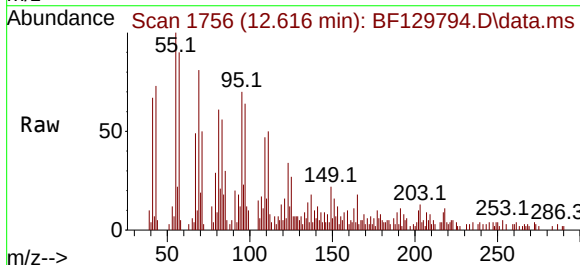
Instrument :
BNA_F
ClientSampleId :
SS-5

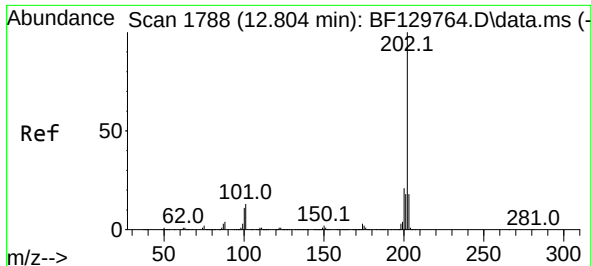
Tgt Ion:240 Resp: 339715
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 24.9 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.616 min Scan# 1756
Delta R.T. -0.076 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:184 Resp: 613
Ion Ratio Lower Upper
184 100
185 66.0 11.4 17.2#
183 102.1 9.4 14.2#

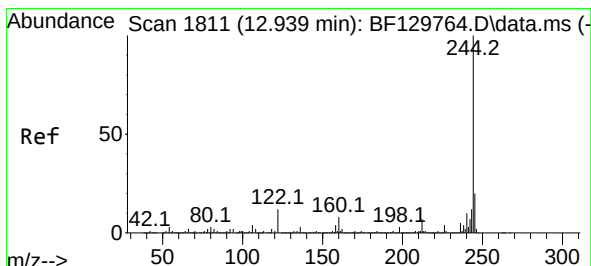
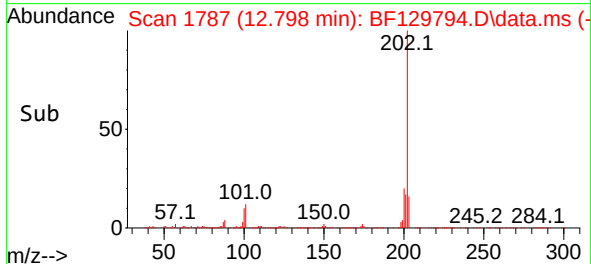
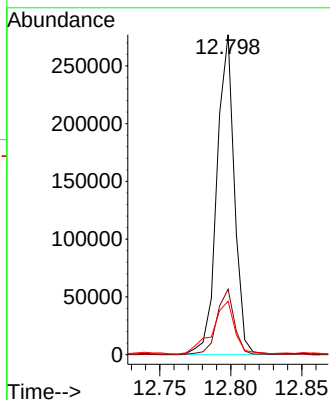
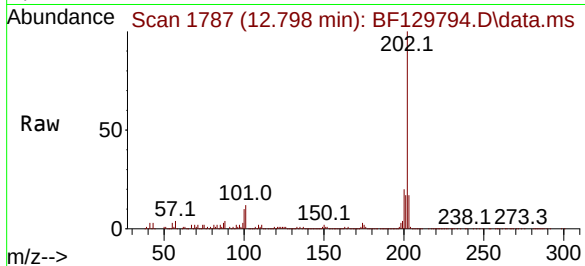




#78
Pyrene
Concen: 8.001 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

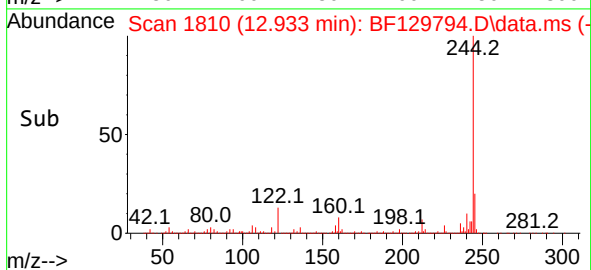
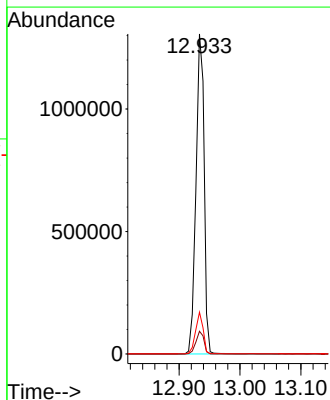
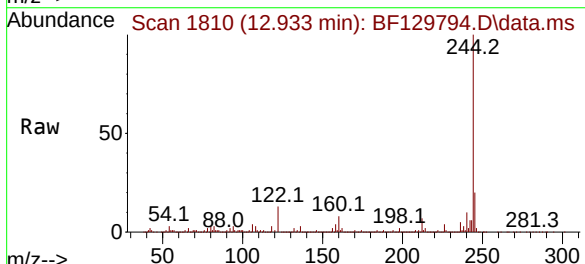
Instrument :
BNA_F
ClientSampleId :
SS-5

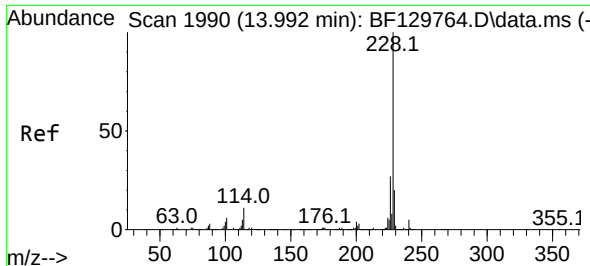
Tgt Ion:202 Resp: 236185
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 16.7 14.1 21.1



#79
Terphenyl-d14
Concen: 59.616 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:244 Resp: 1217150
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 13.1 9.9 14.9

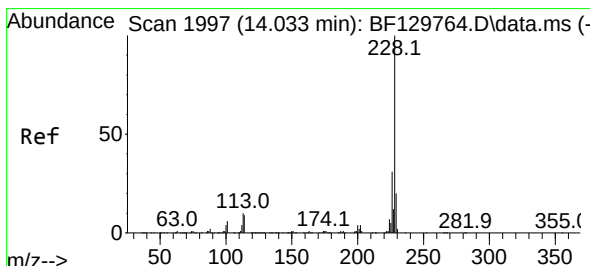
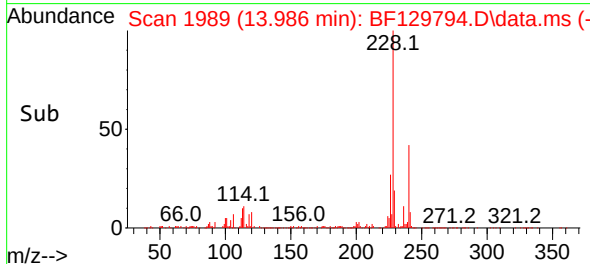
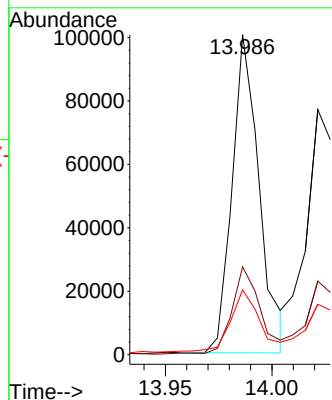
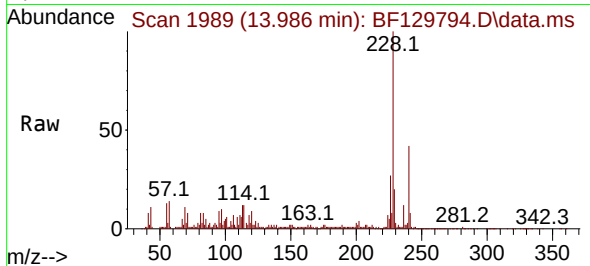




#81
Benzo(a)anthracene
Concen: 3.799 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

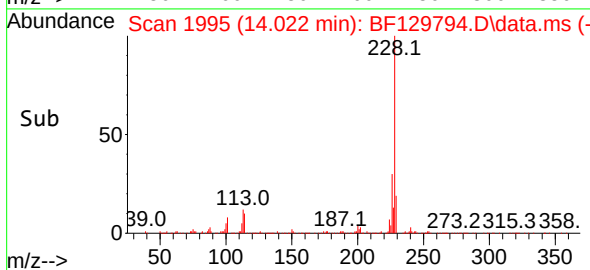
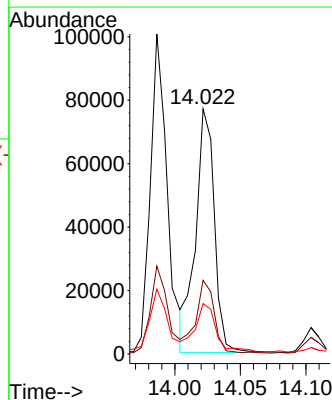
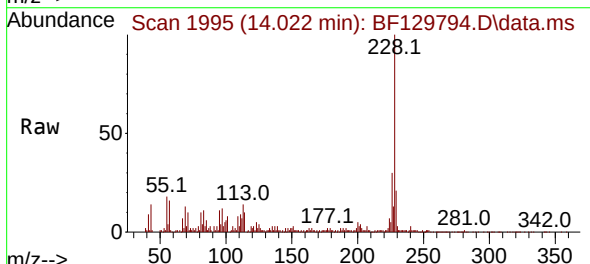
Instrument :
BNA_F
ClientSampleId :
SS-5

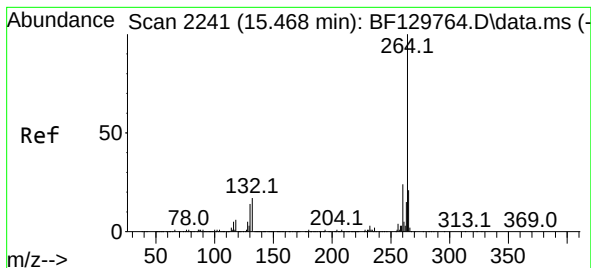
Tgt Ion:228 Resp: 88791
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.3 16.1 24.1



#83
Chrysene
Concen: 3.504 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:228 Resp: 76655
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

Instrument :

BNA_F

ClientSampleId :

SS-5

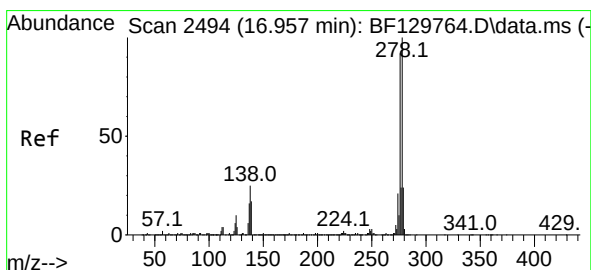
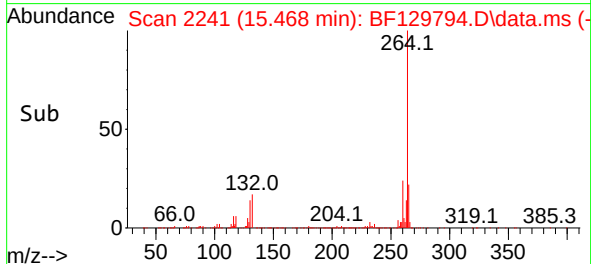
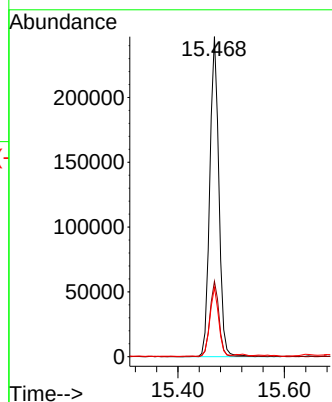
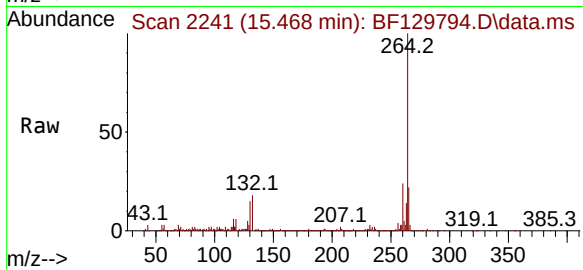
Tgt Ion:264 Resp: 294045

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.6 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.239 ng

RT: 16.951 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

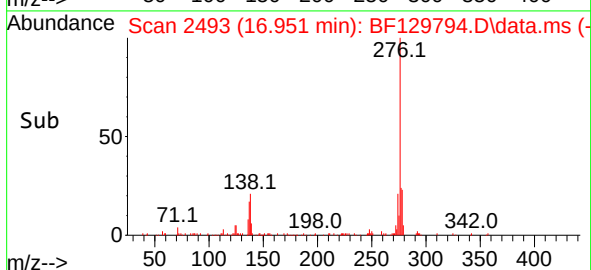
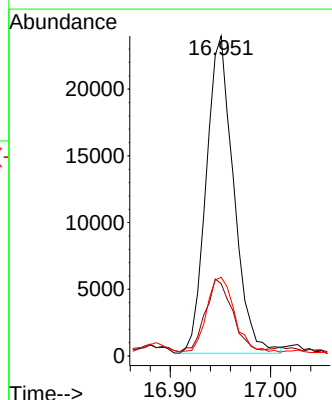
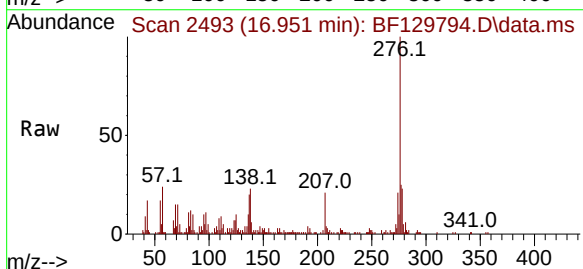
Tgt Ion:276 Resp: 45193

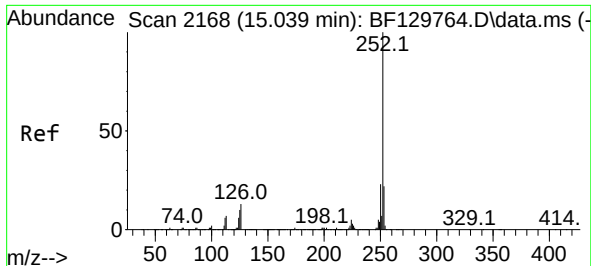
Ion Ratio Lower Upper

276 100

138 22.6 19.8 29.8

277 24.0 20.4 30.6

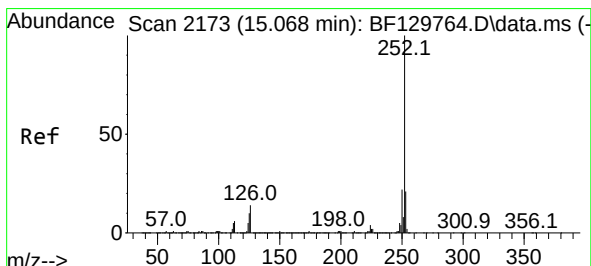
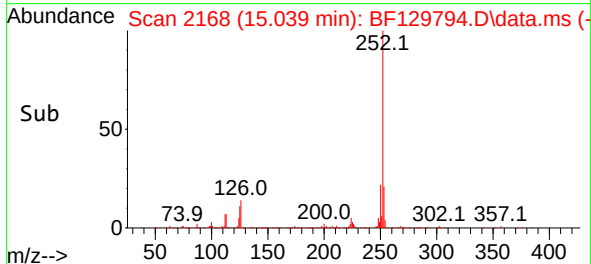
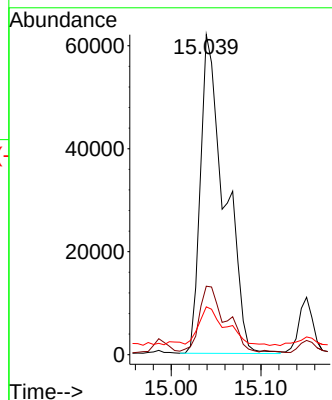
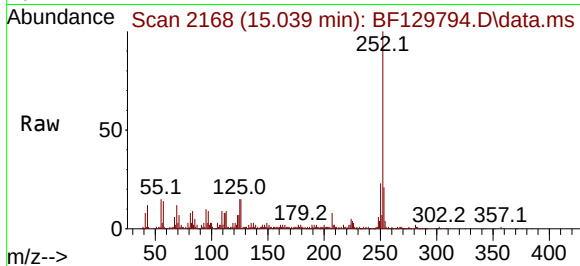




#88
Benzo(b)fluoranthene
Concen: 5.761 ng
RT: 15.039 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

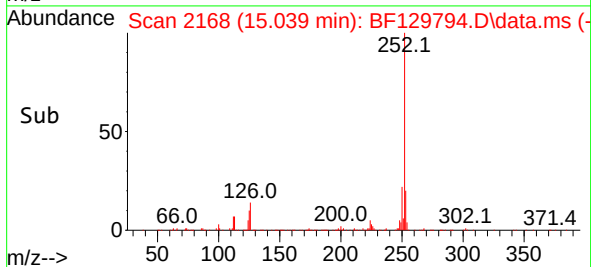
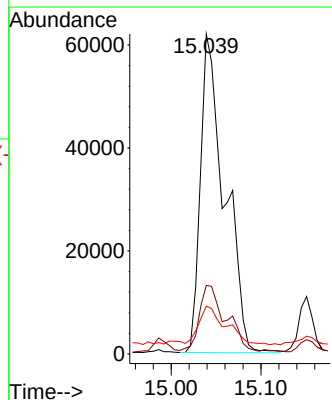
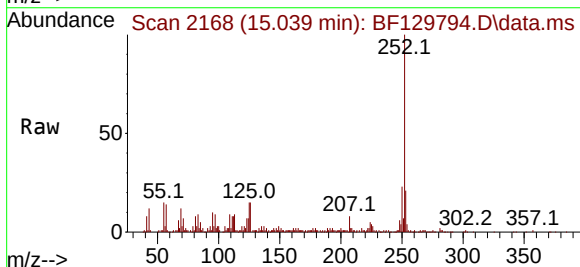
Instrument :
BNA_F
ClientSampleId :
SS-5

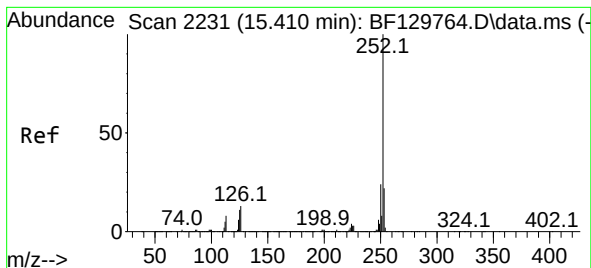
Tgt Ion:252 Resp: 116001
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 15.0 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 6.007 ng
RT: 15.039 min Scan# 2168
Delta R.T. -0.029 min
Lab File: BF129794.D
Acq: 15 Aug 2022 22:21

Tgt Ion:252 Resp: 116001
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 15.0 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.966 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

Instrument :

BNA_F

ClientSampleId :

SS-5

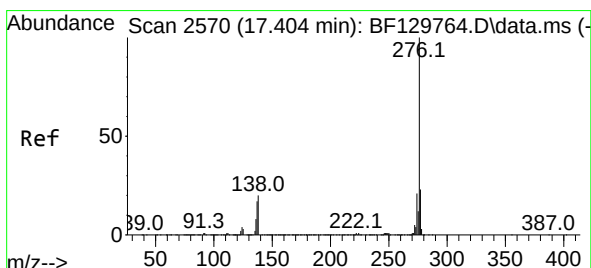
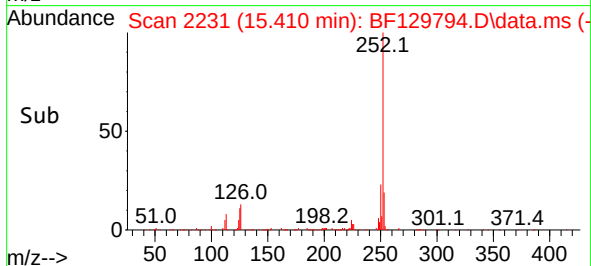
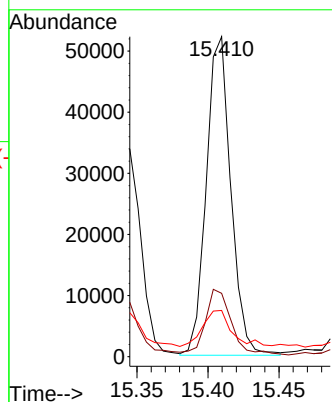
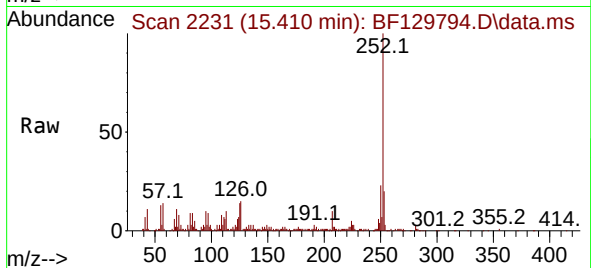
Tgt Ion:252 Resp: 62879

Ion Ratio Lower Upper

252 100

253 19.8 17.2 25.8

125 14.4 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.678 ng

RT: 17.398 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BF129794.D

Acq: 15 Aug 2022 22:21

Tgt Ion:276 Resp: 44499

Ion Ratio Lower Upper

276 100

277 23.0 18.2 27.4

138 22.4 15.8 23.8

