

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129798.D
 Acq On : 16 Aug 2022 00:26
 Operator : CG\JU
 Sample : N4205-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Quant Time: Aug 16 03:20:42 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

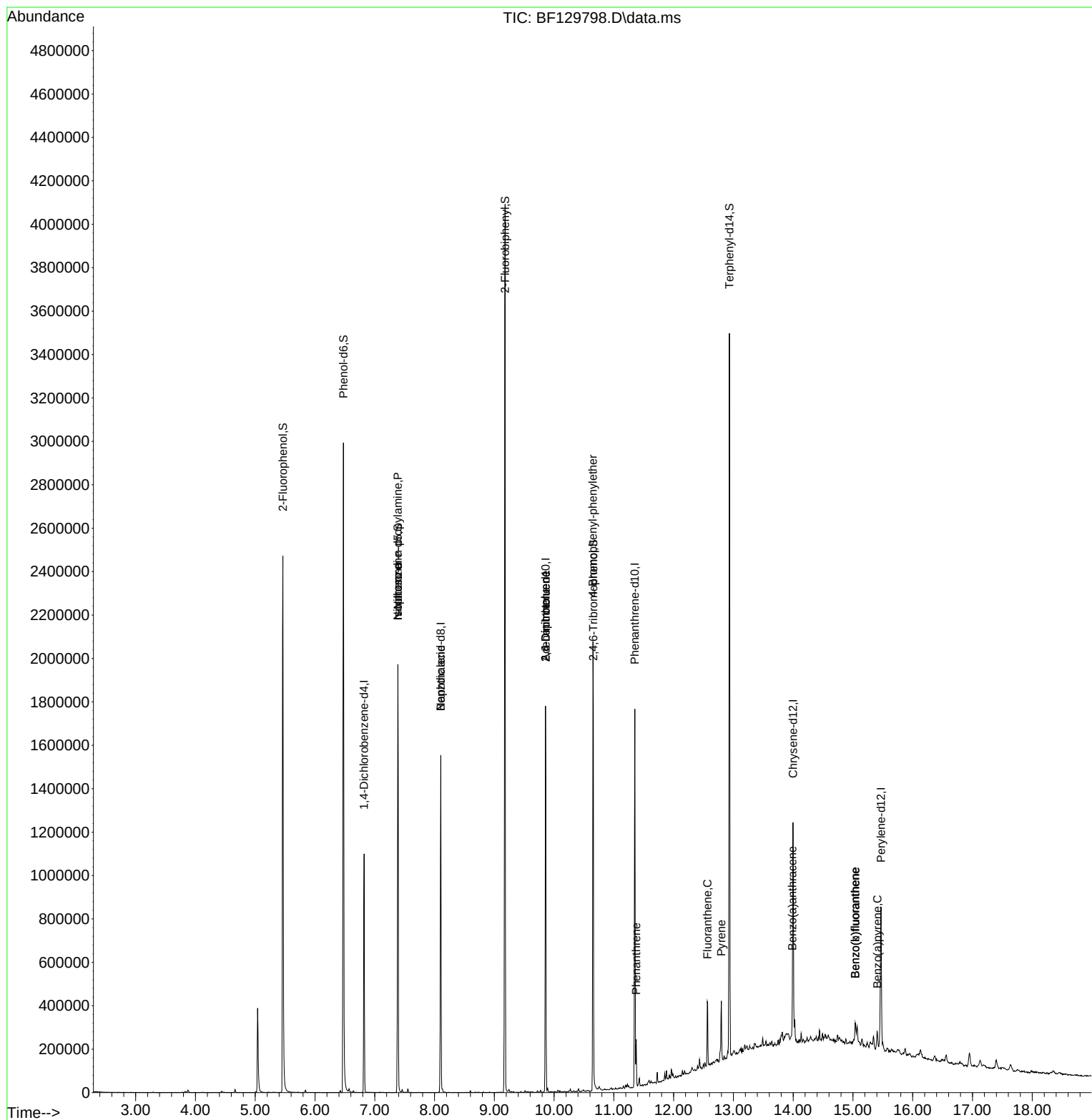
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156634	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650040	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	352089	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	569581	20.000	ng	0.00
76) Chrysene-d12	13.998	240	306250	20.000	ng	0.00
86) Perylene-d12	15.468	264	294684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	723081	76.433	ng	0.00
7) Phenol-d6	6.475	99	956697	80.755	ng	0.00
23) Nitrobenzene-d5	7.386	82	626764	51.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	245019	69.337	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1243789	53.653	ng	0.00
79) Terphenyl-d14	12.933	244	1101090	59.825	ng	0.00
Target Compounds						
9) Benzaldehyde	6.428	77	168	Below Cal	Qvalue	# 51
19) n-Nitroso-di-n-propyla...	7.386	70	84464	11.279	ng	# 76
25) Isophorone	7.386	82	626757	29.988	ng	# 65
32) Benzoic acid	8.104	122	222	2.224	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	44822	8.186	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	44822	6.306	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	15390	2.307	ng	# 1
71) Phenanthrene	11.374	178	73358	2.306	ng	96
75) Fluoranthene	12.568	202	120779	3.710	ng	99
77) Benzidine	12.933	184	15204	Below Cal	#	94
78) Pyrene	12.798	202	106841	4.015	ng	98
81) Benzo(a)anthracene	13.986	228	42356	2.011	ng	98
88) Benzo(b)fluoranthene	15.039	252	64909	3.217	ng	# 91
89) Benzo(k)fluoranthene	15.039	252	64909	3.354	ng	# 91
90) Benzo(a)pyrene	15.409	252	34334	2.161	ng	# 96

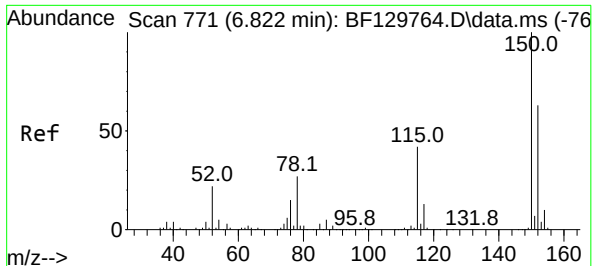
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129798.D
Acq On : 16 Aug 2022 00:26
Operator : CG\JU
Sample : N4205-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

Quant Time: Aug 16 03:20:42 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

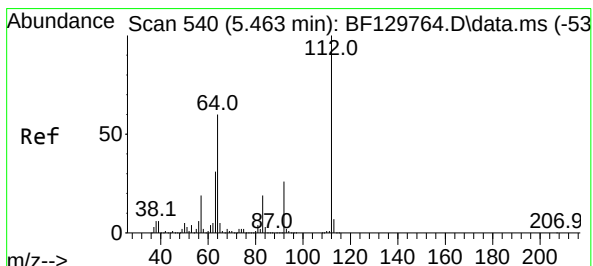
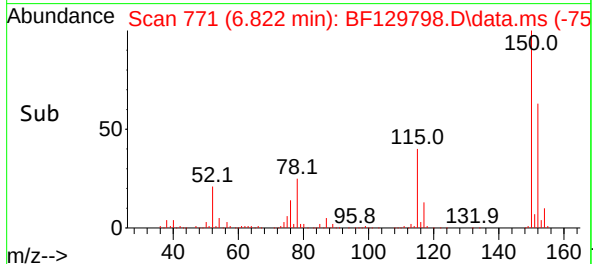
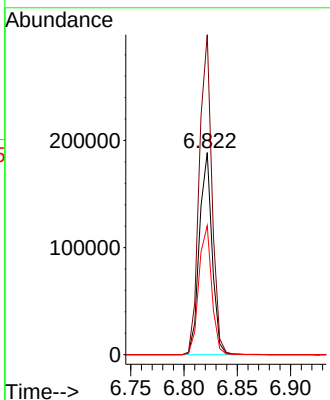
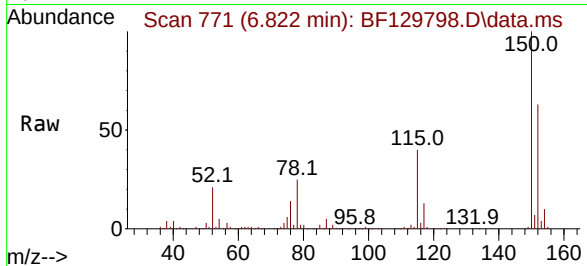




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

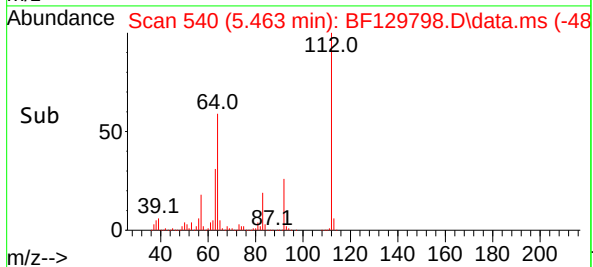
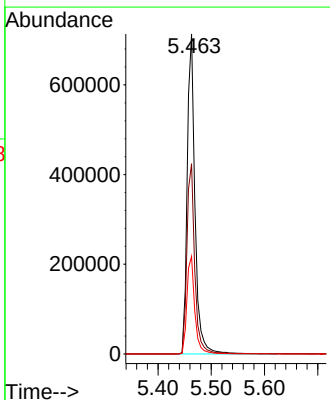
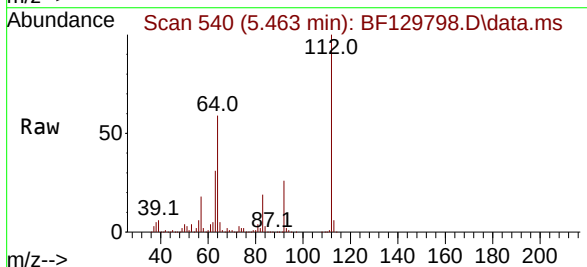
Instrument :
BNA_F
ClientSampleId :
SS-2

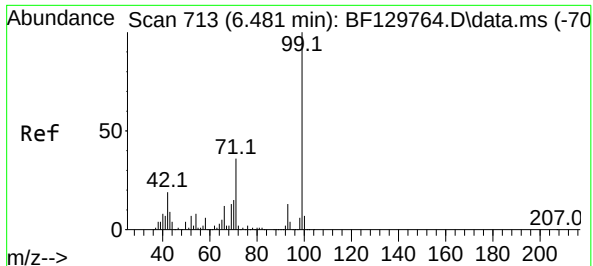
Tgt Ion:152 Resp: 156634
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 63.8 53.4 80.0



#5
2-Fluorophenol
Concen: 76.433 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:112 Resp: 723081
Ion Ratio Lower Upper
112 100
64 59.4 47.6 71.4
63 30.5 24.6 37.0

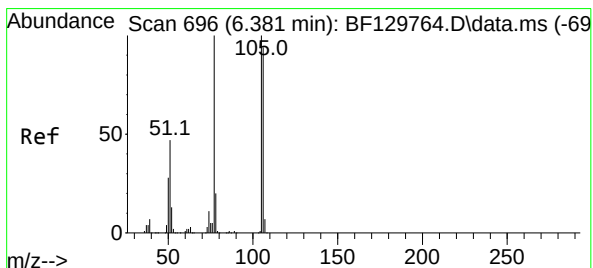
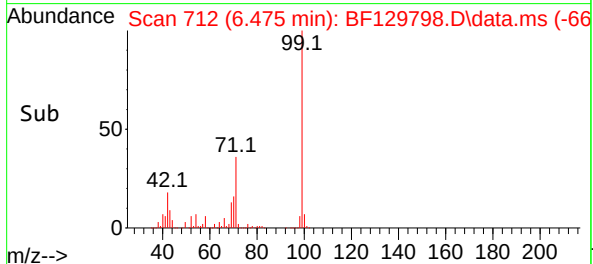
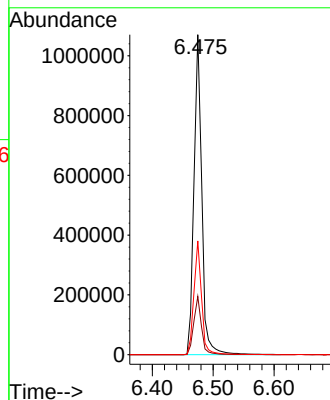
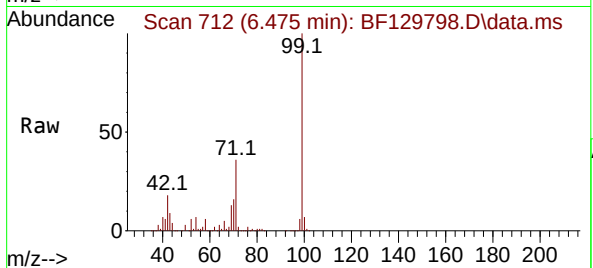




#7
Phenol-d6
Concen: 80.755 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

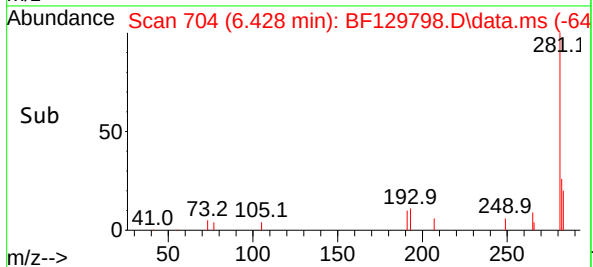
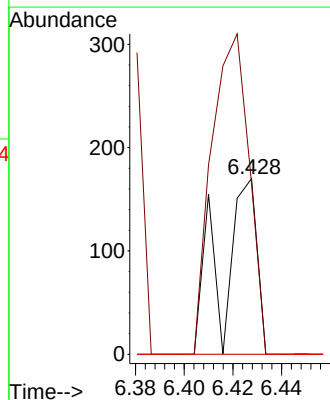
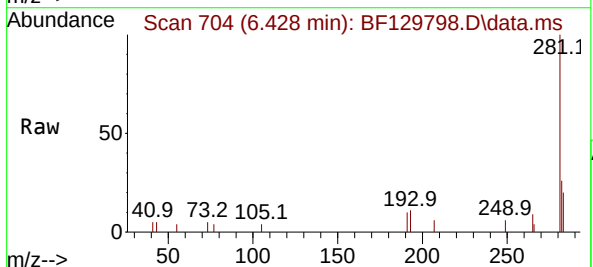
Instrument :
BNA_F
ClientSampleId :
SS-2

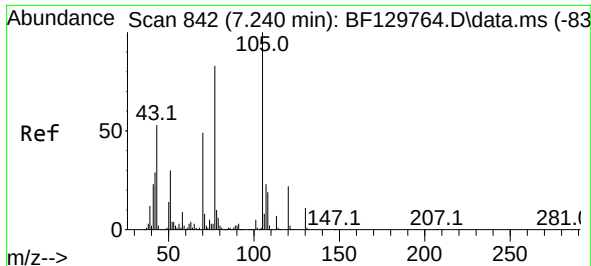
Tgt Ion: 99 Resp: 956697
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.047 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion: 77 Resp: 168
Ion Ratio Lower Upper
77 100
105 97.1 80.3 120.3
106 0.0 74.3 114.3#

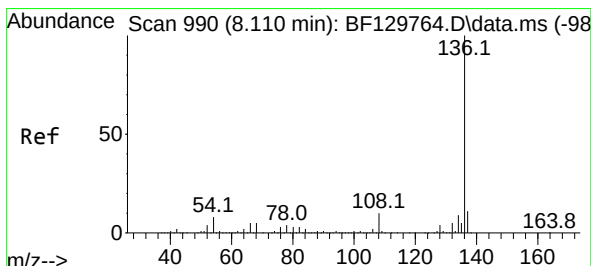
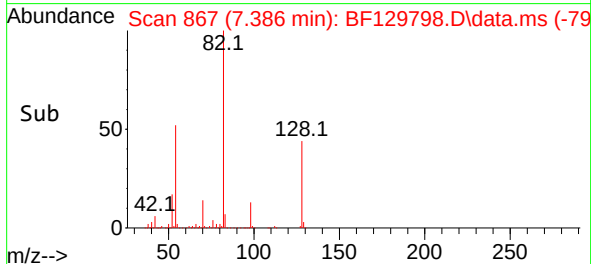
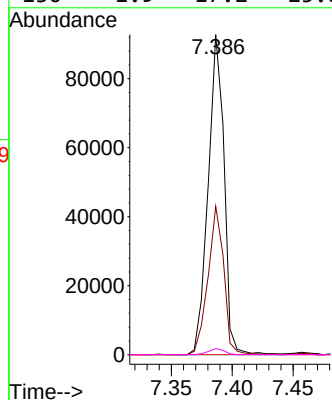
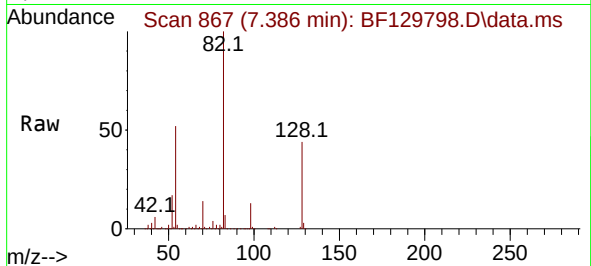




#19
n-Nitroso-di-n-propylamine
Concen: 11.279 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

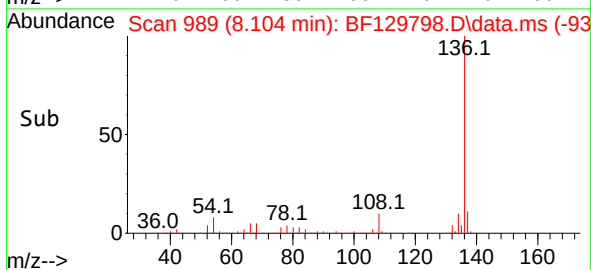
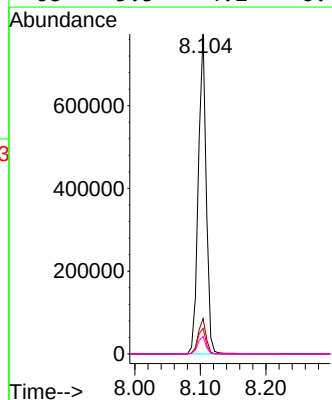
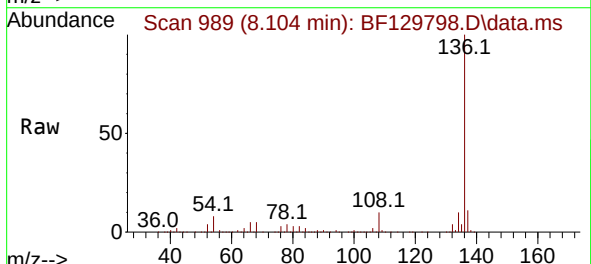
Instrument :
BNA_F
ClientSampleId :
SS-2

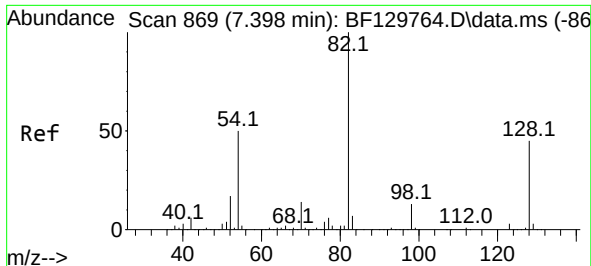
Tgt Ion: 70 Resp: 84464
Ion Ratio Lower Upper
70 100
42 46.4 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion: 136 Resp: 650040
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 51.615 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SS-2

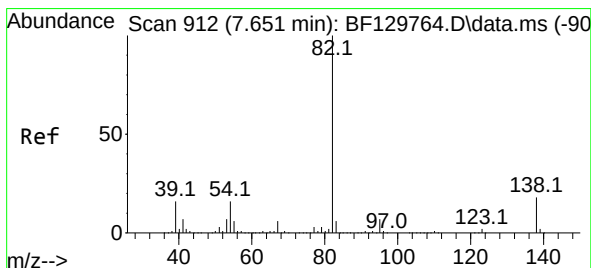
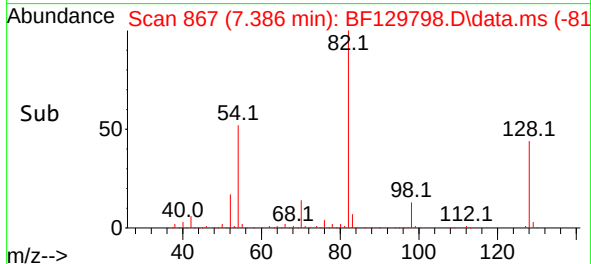
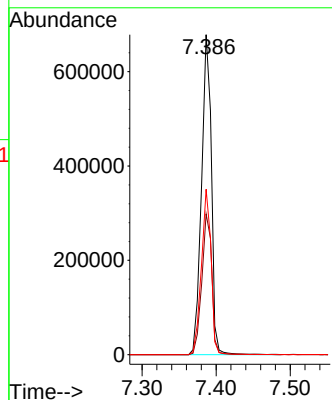
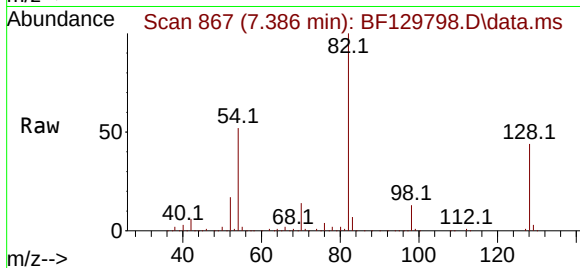
Tgt Ion: 82 Resp: 626764

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

54 51.7 40.0 60.0



#25

Isophorone

Concen: 29.988 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.265 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

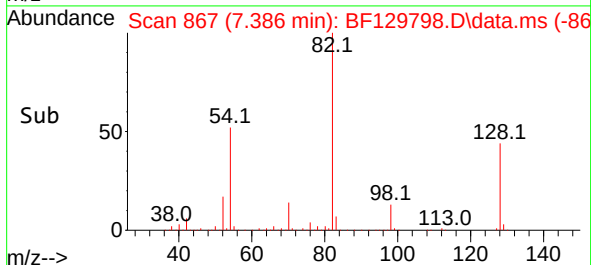
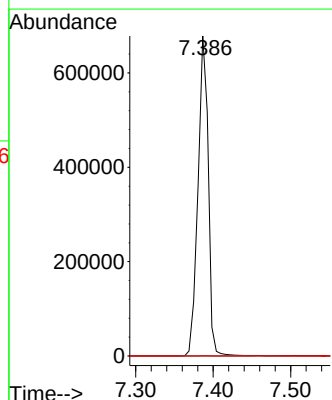
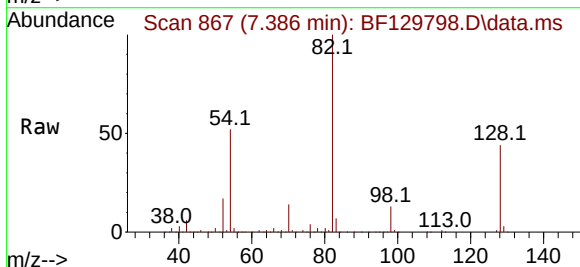
Tgt Ion: 82 Resp: 626757

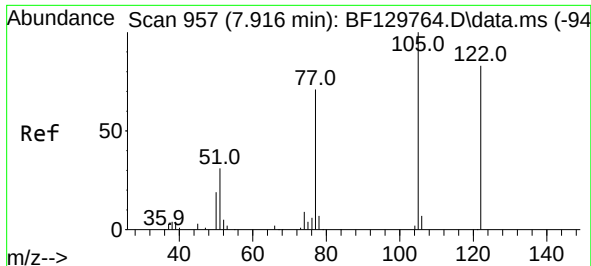
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

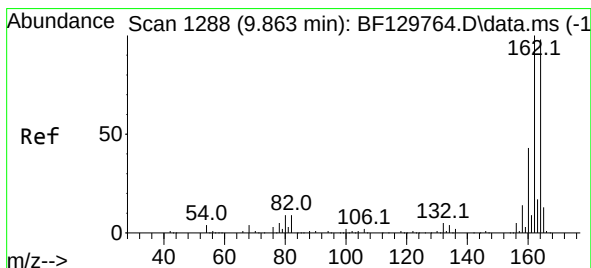
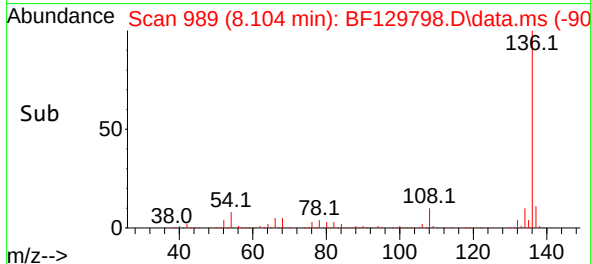
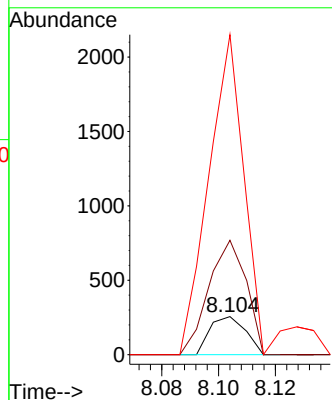
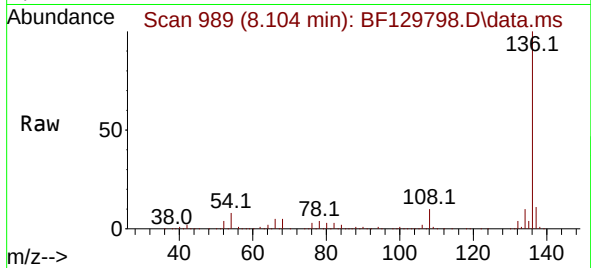




#32
Benzoic acid
Concen: 2.224 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

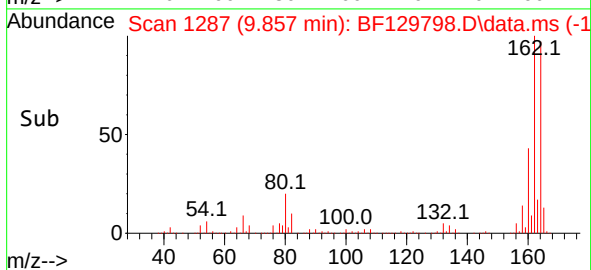
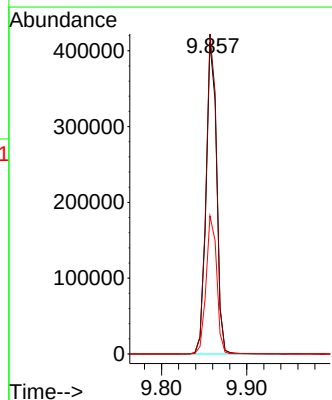
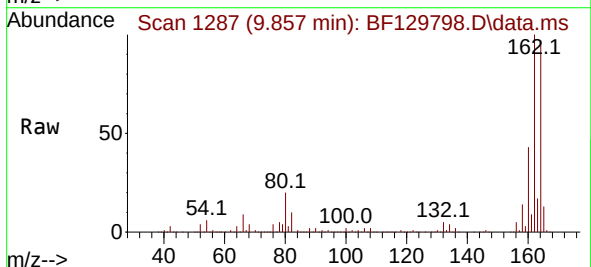
Instrument :
BNA_F
ClientSampleId :
SS-2

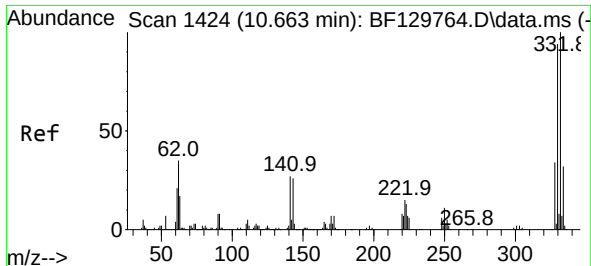
Tgt Ion:122 Resp: 222
Ion Ratio Lower Upper
122 100
105 301.2 99.9 139.9#
77 843.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:164 Resp: 352089
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 69.337 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SS-2

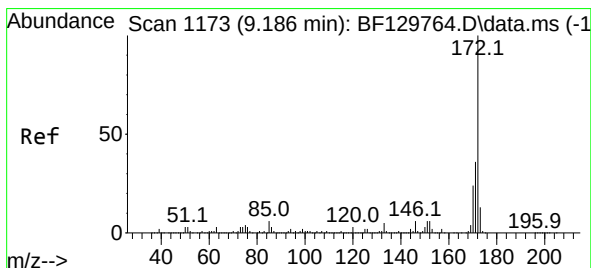
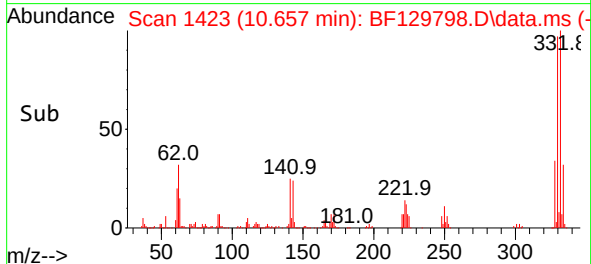
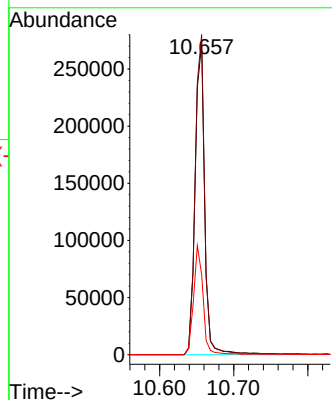
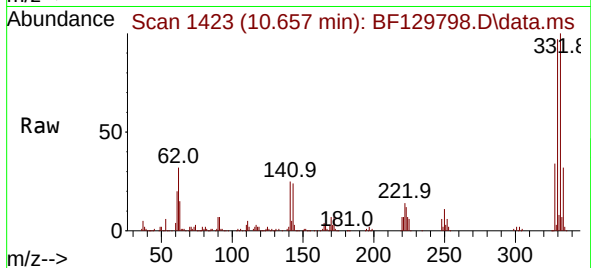
Tgt Ion:330 Resp: 245019

Ion Ratio Lower Upper

330 100

332 101.9 82.6 124.0

141 34.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 53.653 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

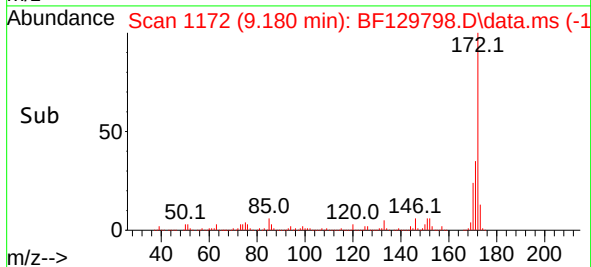
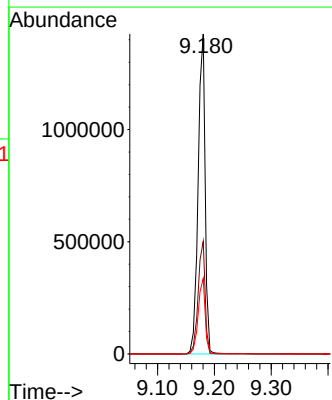
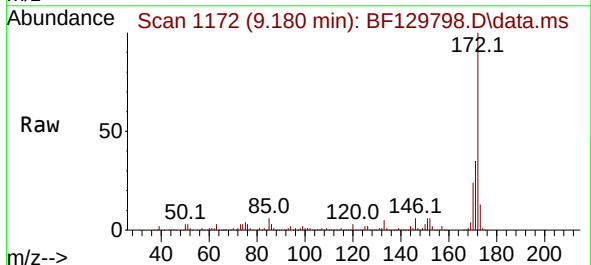
Tgt Ion:172 Resp: 1243789

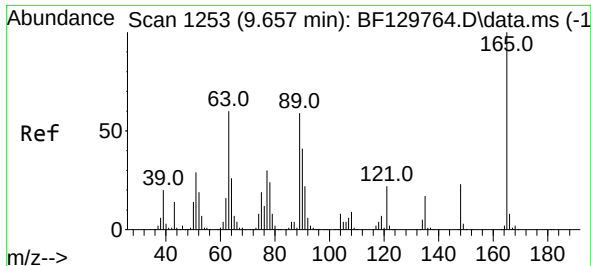
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 19.1 28.7

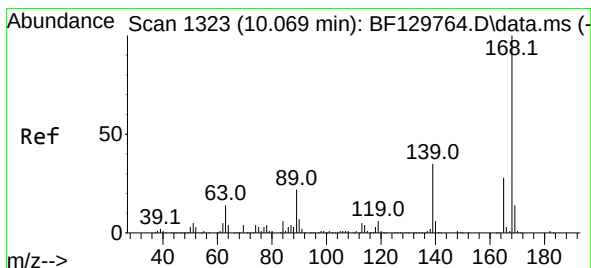
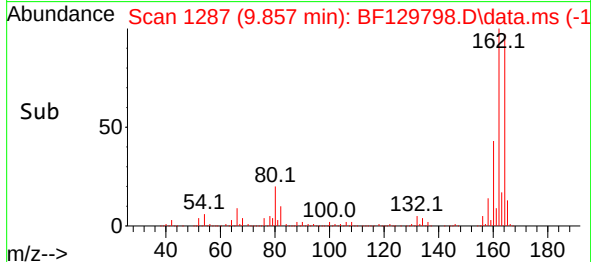
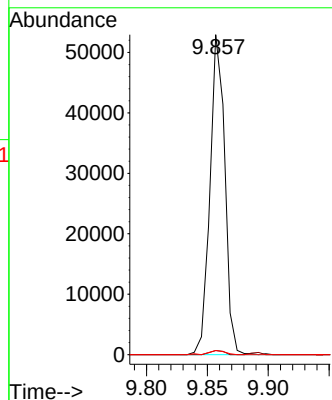
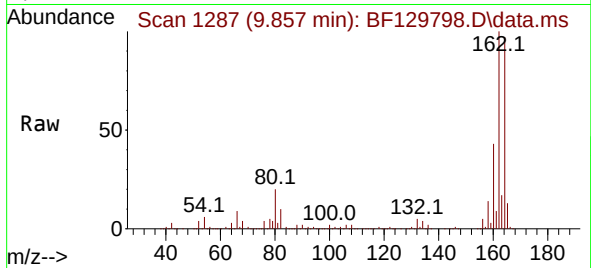




#51
2,6-Dinitrotoluene
Concen: 8.186 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

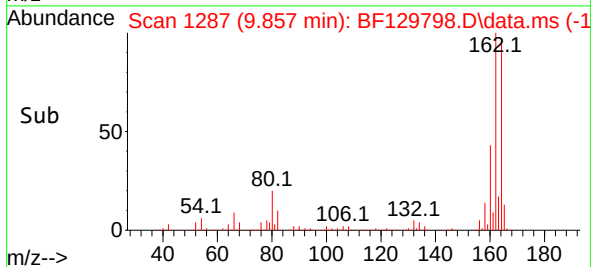
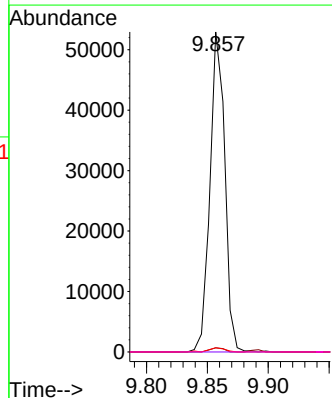
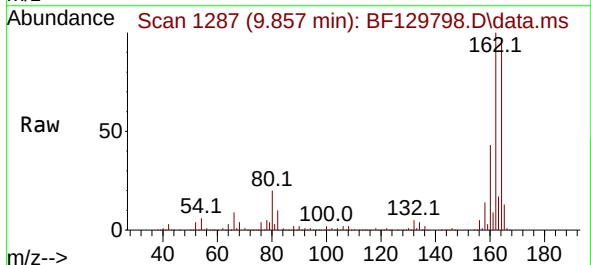
Instrument :
BNA_F
ClientSampleId :
SS-2

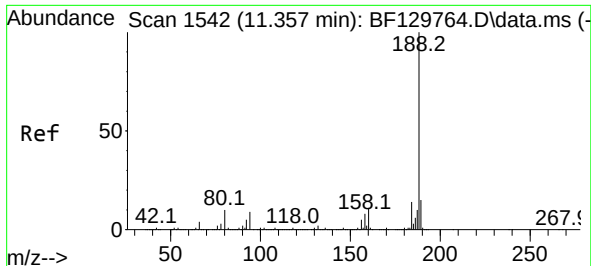
Tgt Ion:165 Resp: 44822
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.306 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:165 Resp: 44822
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

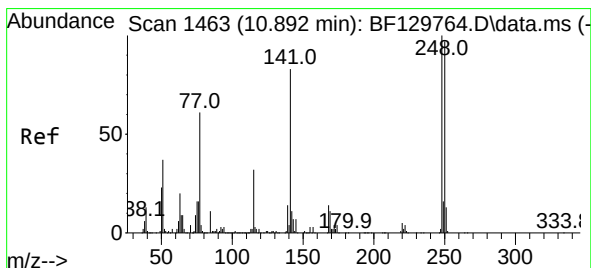
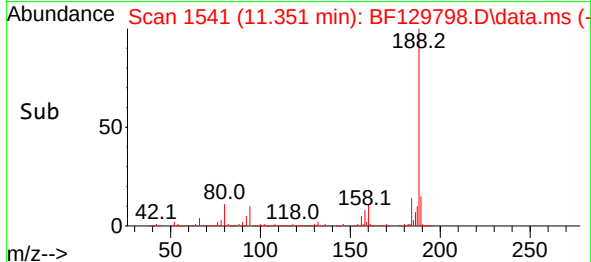
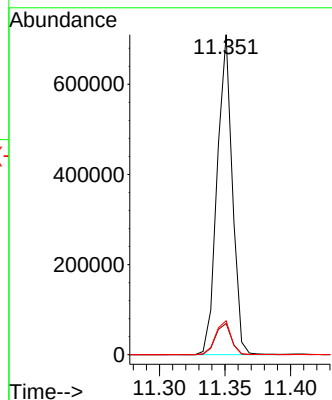
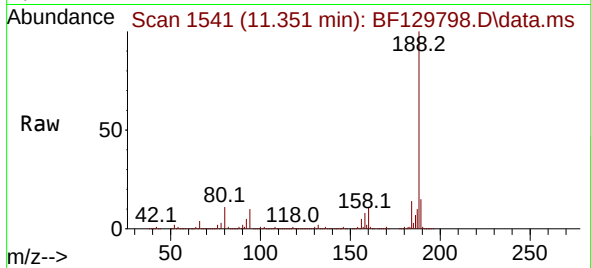




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

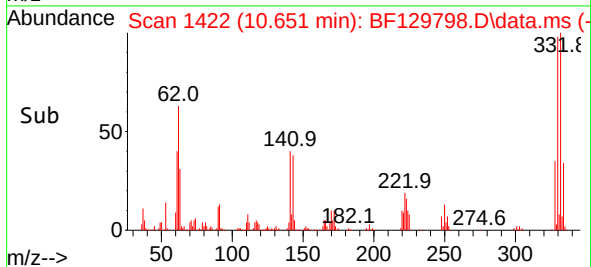
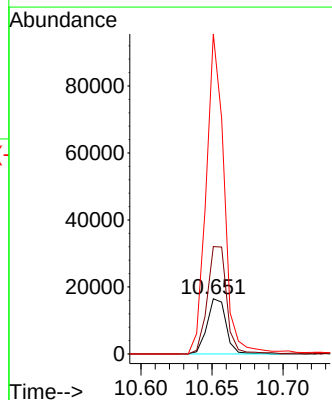
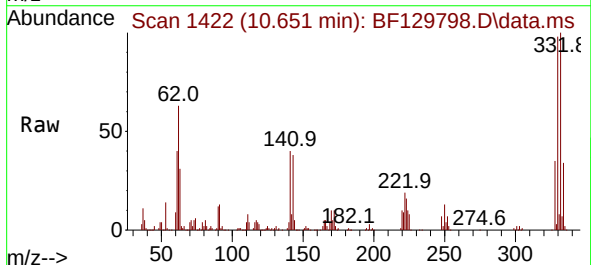
Instrument :
BNA_F
ClientSampleId :
SS-2

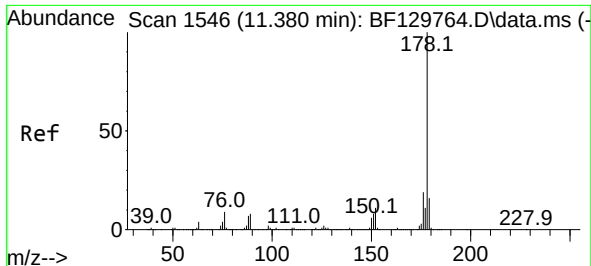
Tgt Ion:188 Resp: 569581
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.307 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.241 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:248 Resp: 15390
Ion Ratio Lower Upper
248 100
250 194.4 77.8 116.6#
141 579.0 66.2 99.2#

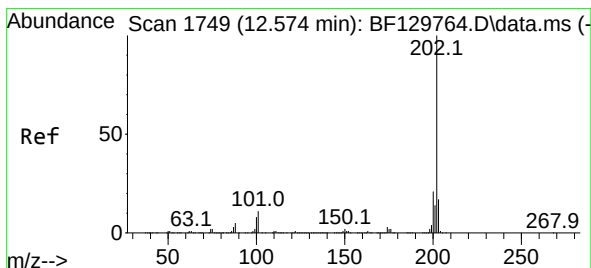
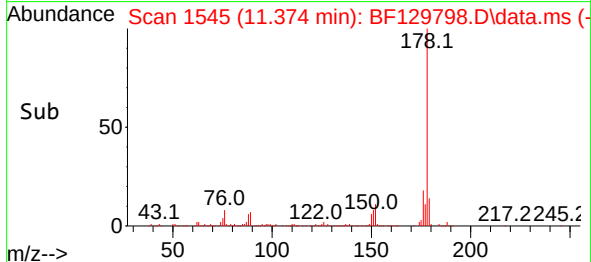
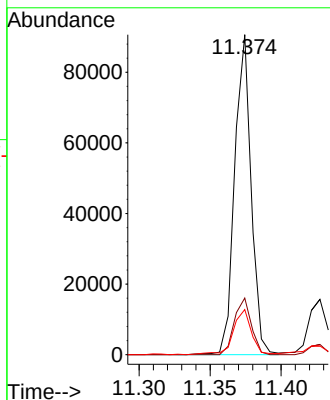
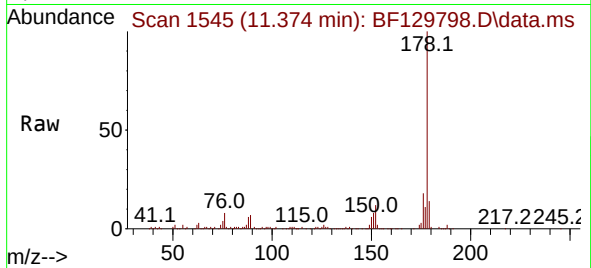




#71
Phenanthrene
Concen: 2.306 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

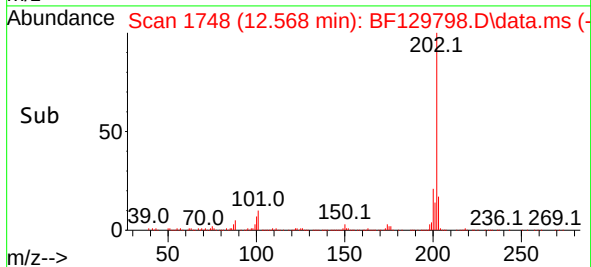
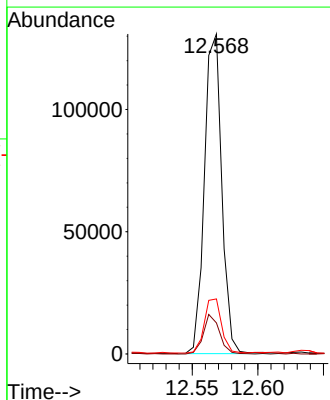
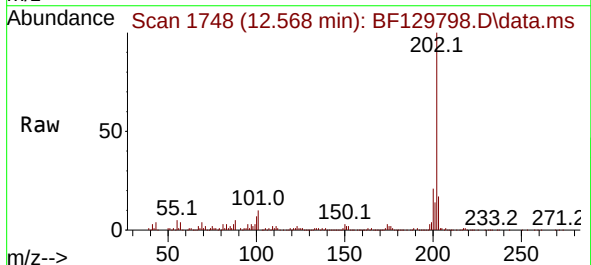
Instrument :
BNA_F
ClientSampleId :
SS-2

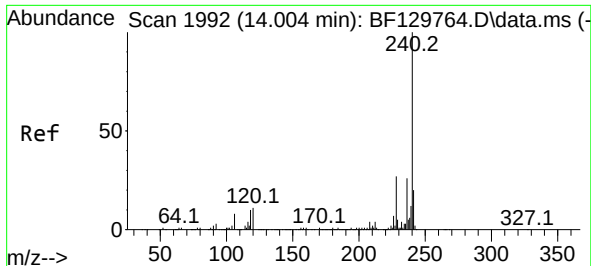
Tgt Ion:178 Resp: 73358
Ion Ratio Lower Upper
178 100
176 17.7 15.5 23.3
179 14.1 12.5 18.7



#75
Fluoranthene
Concen: 3.710 ng
RT: 12.568 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:202 Resp: 120779
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.2 0.0 37.5

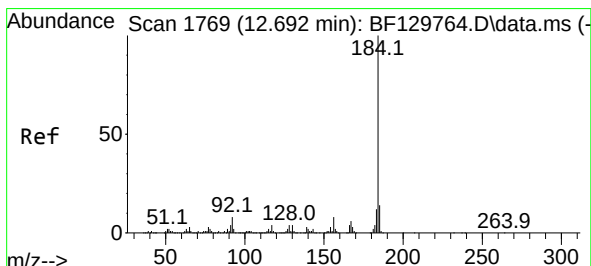
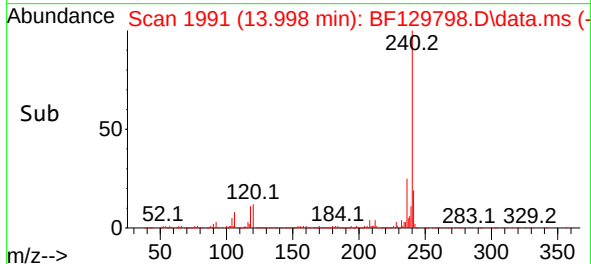
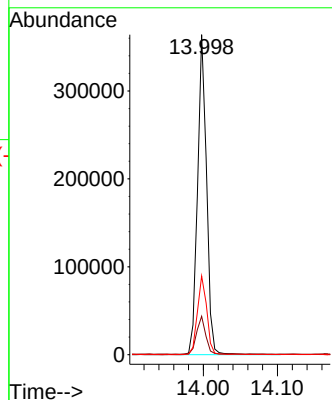
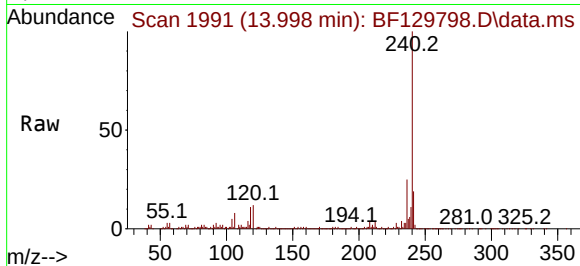




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

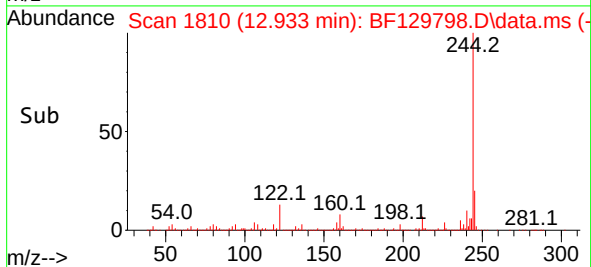
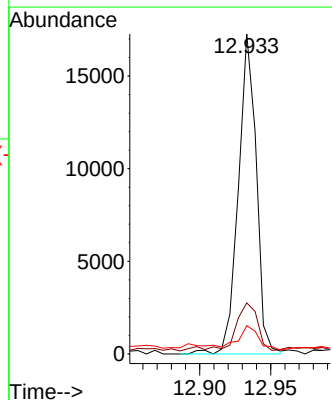
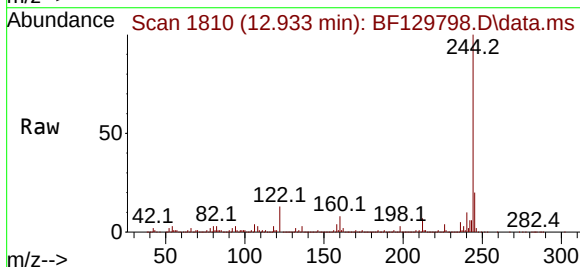
Instrument :
BNA_F
ClientSampleId :
SS-2

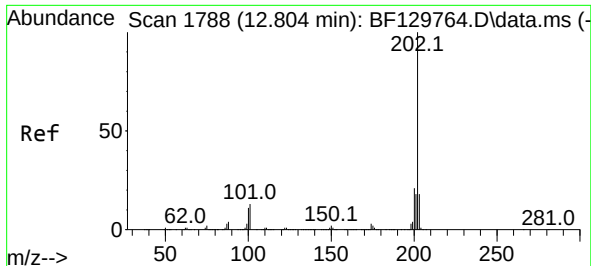
Tgt Ion:240 Resp: 306250
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 24.6 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.933 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:184 Resp: 15204
Ion Ratio Lower Upper
184 100
185 16.0 11.4 17.2
183 8.9 9.4 14.2#

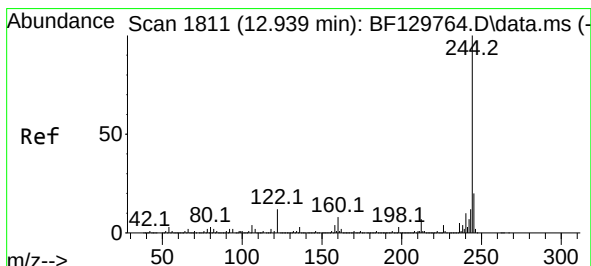
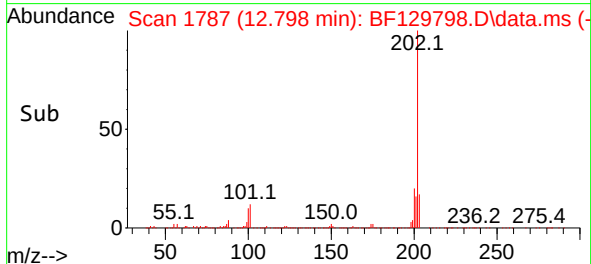
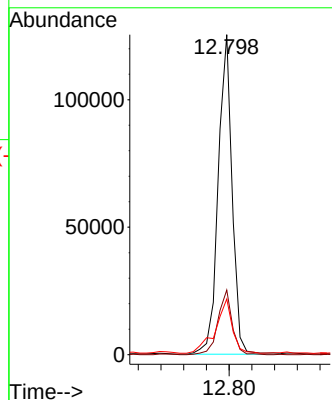
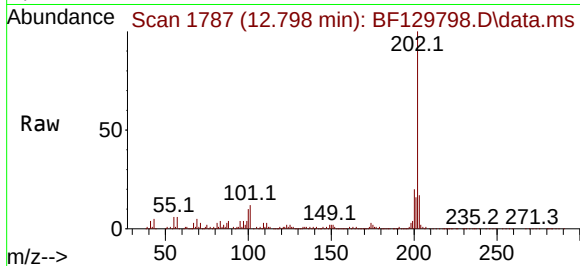




#78
Pyrene
Concen: 4.015 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

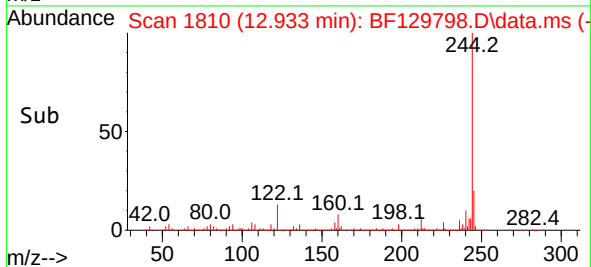
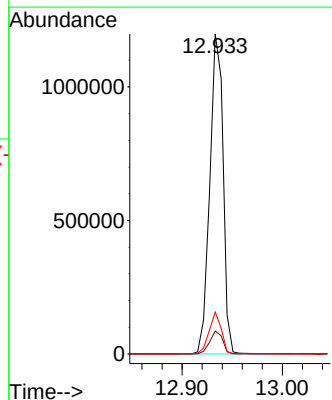
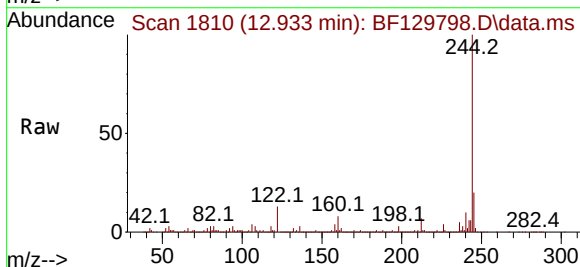
Instrument :
BNA_F
ClientSampleId :
SS-2

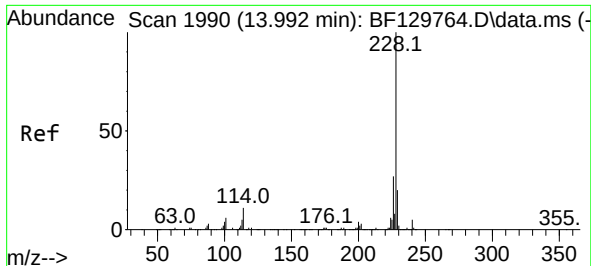
Tgt Ion:202 Resp: 106841
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.6
203 17.4 14.1 21.1



#79
Terphenyl-d14
Concen: 59.825 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:244 Resp: 1101090
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.1 9.9 14.9

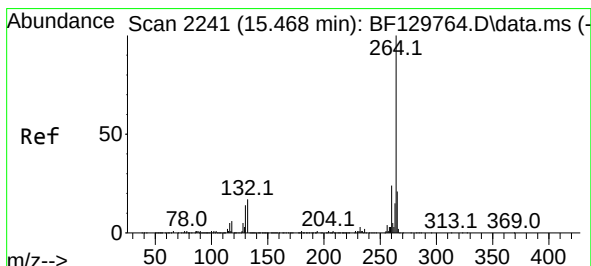
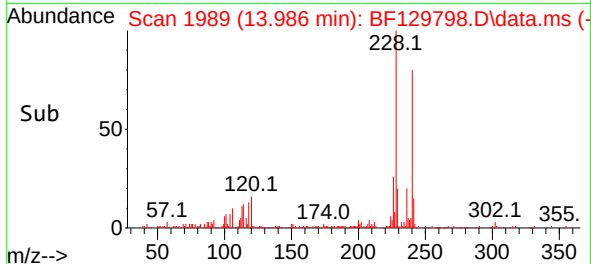
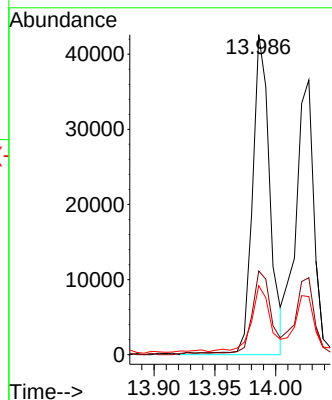
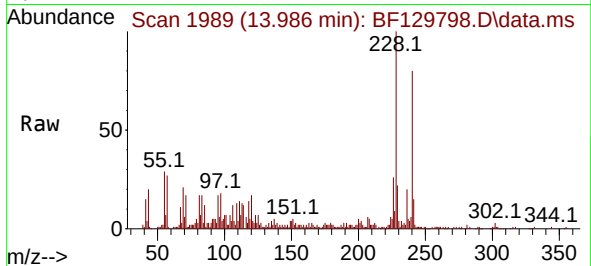




#81
Benzo(a)anthracene
Concen: 2.011 ng
RT: 13.986 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

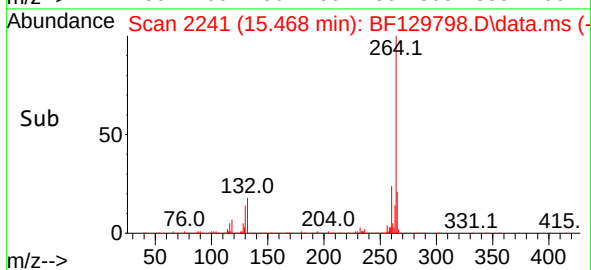
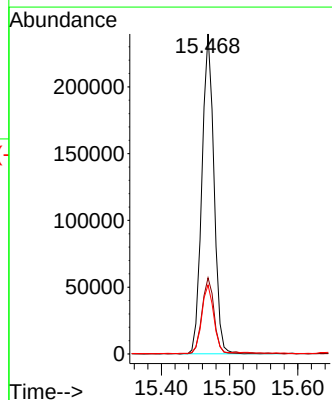
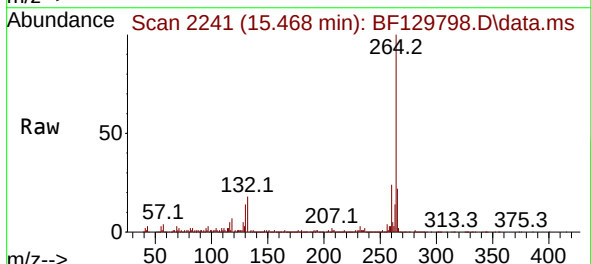
Instrument :
BNA_F
ClientSampleId :
SS-2

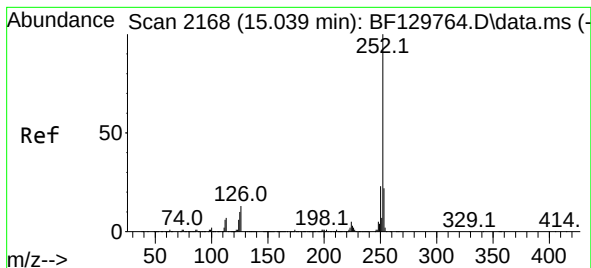
Tgt Ion:228 Resp: 42356
Ion Ratio Lower Upper
228 100
226 26.1 21.4 32.0
229 21.5 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:264 Resp: 294684
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.6 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 3.217 ng

RT: 15.039 min Scan# 2168

Delta R.T. -0.000 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SS-2

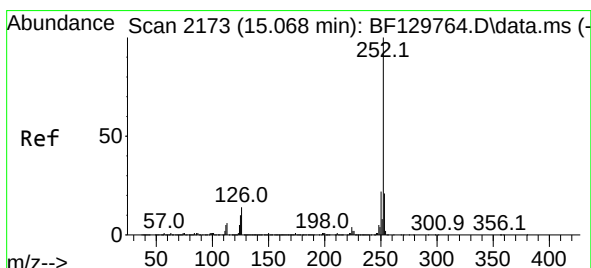
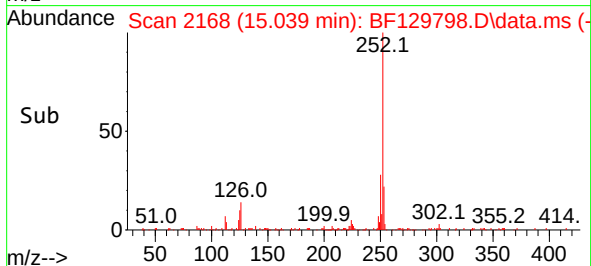
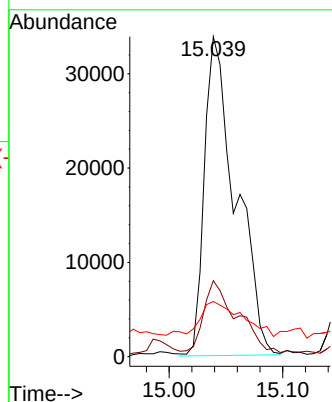
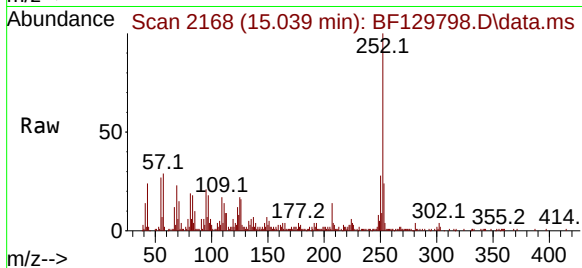
Tgt Ion:252 Resp: 64909

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 17.3 8.3 12.5#



#89

Benzo(k)fluoranthene

Concen: 3.354 ng

RT: 15.039 min Scan# 2168

Delta R.T. -0.030 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

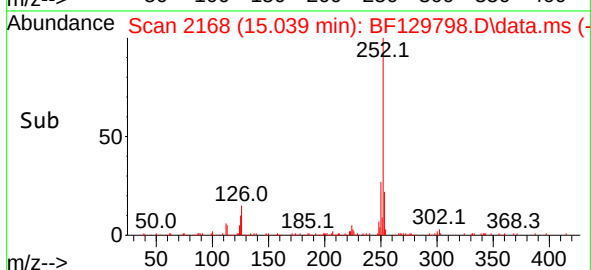
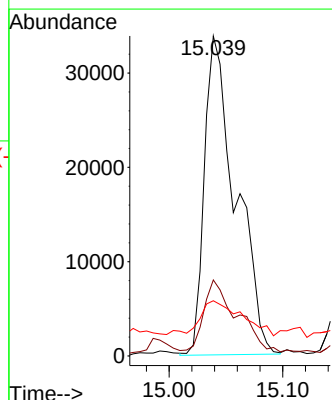
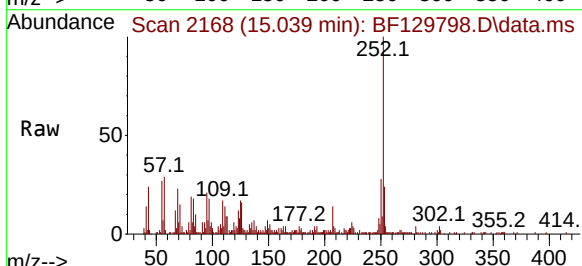
Tgt Ion:252 Resp: 64909

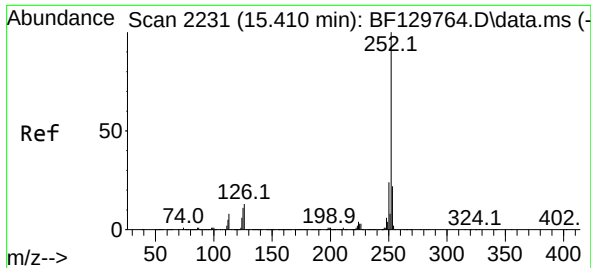
Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

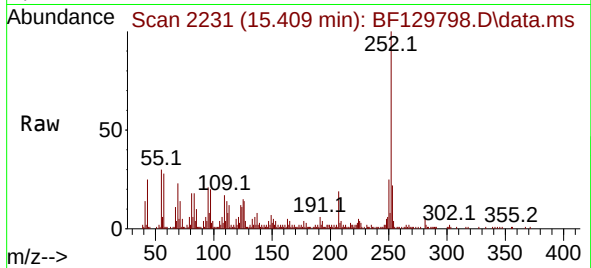
125 17.3 8.3 12.5#





#90
 Benzo(a)pyrene
 Concen: 2.161 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129798.D
 Acq: 16 Aug 2022 00:26

Instrument :
 BNA_F
 ClientSampleId :
 SS-2



Tgt Ion:252 Resp: 34334
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 14.8 8.8 13.2#

