

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129112.D
 Acq On : 02 Jul 2022 01:30
 Operator : CG\JU
 Sample : N3562-11 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12A

Quant Time: Jul 02 02:49:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

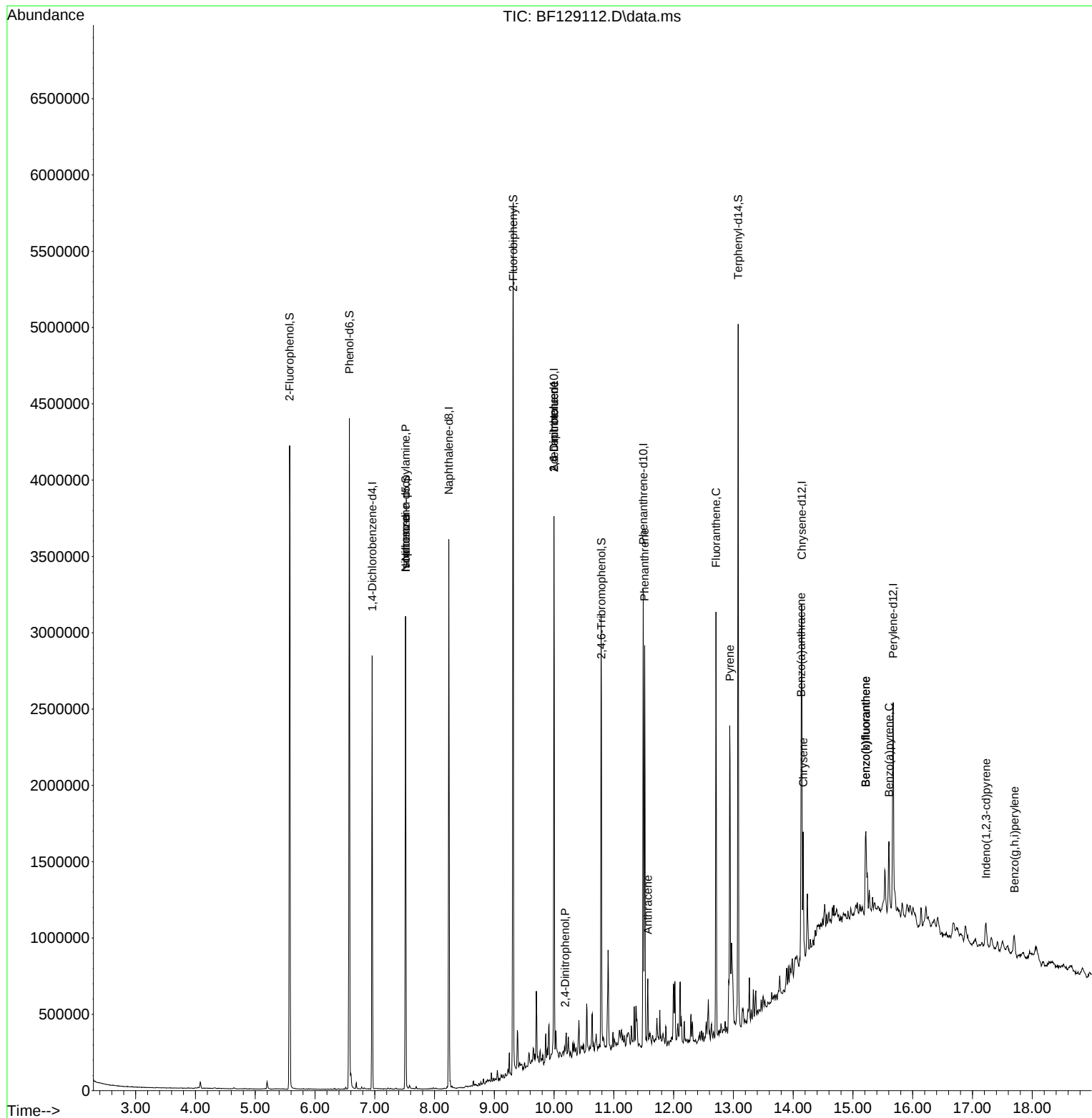
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	384814	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1407008	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	683087	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1072717	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	726438	20.000	ng	0.00
86) Perylene-d12	15.674	264	617303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1209992	53.160	ng	-0.01
7) Phenol-d6	6.575	99	1477497	52.265	ng	-0.01
23) Nitrobenzene-d5	7.516	82	884591	37.500	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	334524	45.038	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1743739	40.838	ng	0.00
79) Terphenyl-d14	13.080	244	1466092	41.910	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1059	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.516	70	115538	7.065 ng	#	71
25) Isophorone	7.516	82	874409	21.933 ng	#	65
51) 2,6-Dinitrotoluene	9.998	165	92511	10.594 ng	#	25
54) 2,4-Dinitrophenol	10.186	184	58	6.877 ng	#	1
57) 2,4-Dinitrotoluene	9.998	165	92511	8.581 ng	#	21
71) Phenanthrene	11.516	178	877810	17.127 ng		99
72) Anthracene	11.569	178	155614	3.079 ng		99
75) Fluoranthene	12.710	202	994028	18.545 ng		98
78) Pyrene	12.939	202	791257	15.714 ng		97
81) Benzo(a)anthracene	14.133	228	361518	8.151 ng		98
83) Chrysene	14.168	228	290281	7.050 ng		97
87) Indeno(1,2,3-cd)pyrene	17.227	276	118612	3.133 ng		99
88) Benzo(b)fluoranthene	15.215	252	432290	11.644 ng	#	94
89) Benzo(k)fluoranthene	15.215	252	432290	12.005 ng	#	94
90) Benzo(a)pyrene	15.604	252	222555	7.354 ng	#	91
92) Benzo(g,h,i)perylene	17.703	276	110177	3.558 ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129112.D
Acq On : 02 Jul 2022 01:30
Operator : CG\JU
Sample : N3562-11 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12A

Quant Time: Jul 02 02:49:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

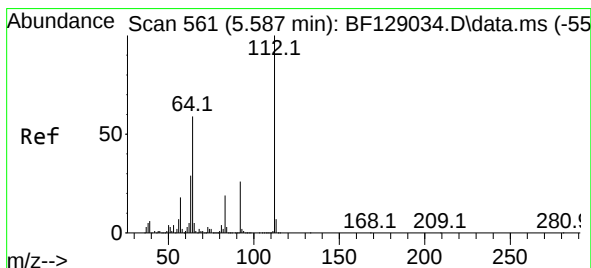
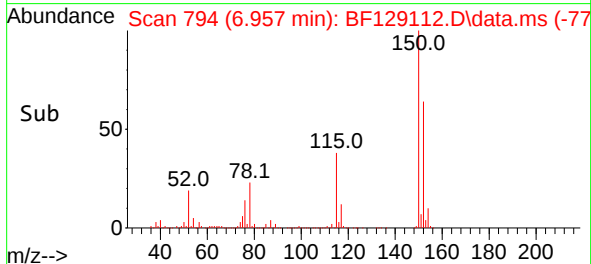
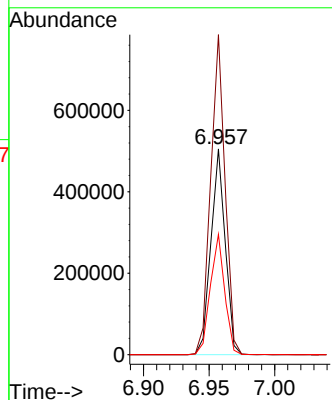
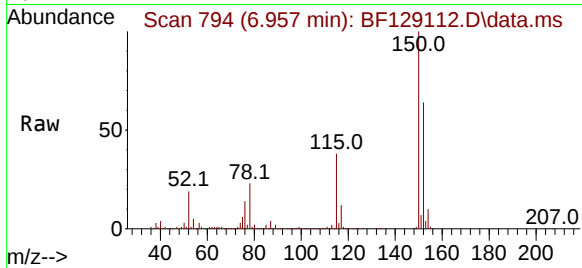




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129112.D
 Acq: 02 Jul 2022 01:30

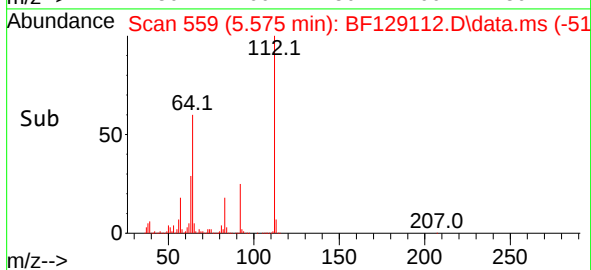
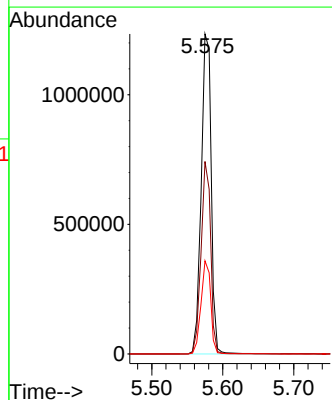
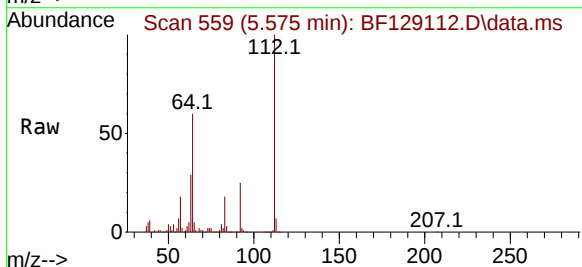
Instrument :
 BNA_F
 ClientSampleId :
 SB-12A

Tgt Ion:152 Resp: 384814
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 58.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 53.160 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.012 min
 Lab File: BF129112.D
 Acq: 02 Jul 2022 01:30

Tgt Ion:112 Resp: 1209992
 Ion Ratio Lower Upper
 112 100
 64 60.2 53.3 79.9
 63 29.1 28.0 42.0





#7
Phenol-d6
Concen: 52.265 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

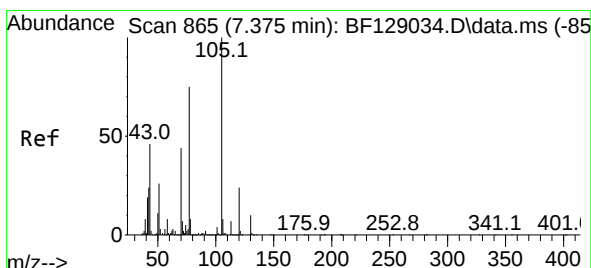
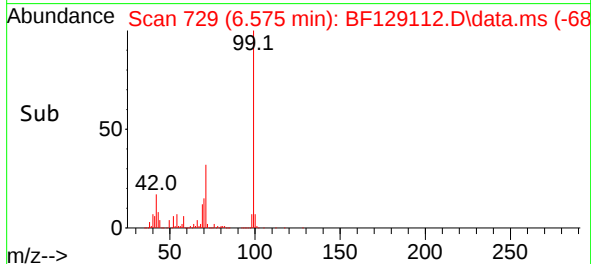
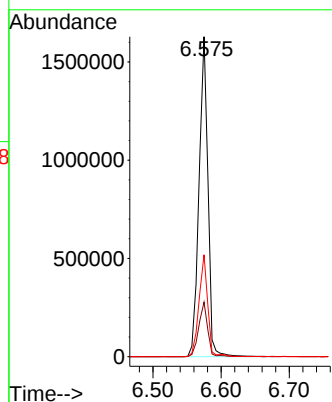
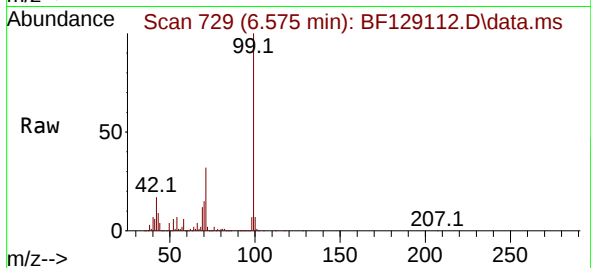
Instrument :

BNA_F

ClientSampleId :

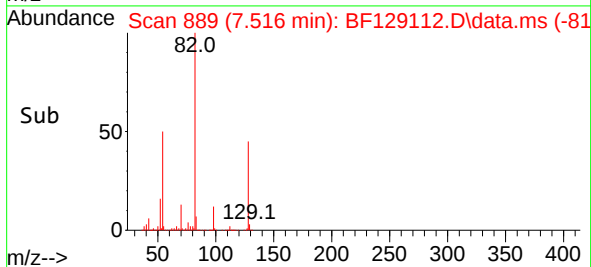
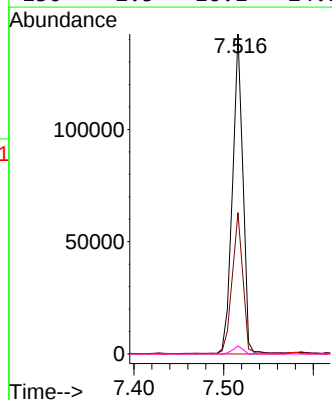
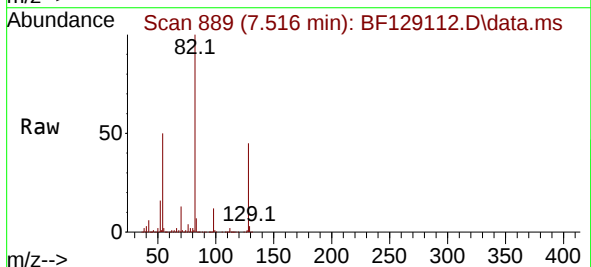
SB-12A

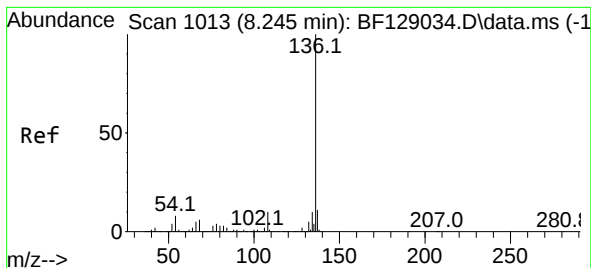
Tgt Ion: 99 Resp: 1477497
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.065 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion: 70 Resp: 115538
Ion Ratio Lower Upper
70 100
42 44.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

SB-12A

Tgt Ion:136 Resp: 1407008

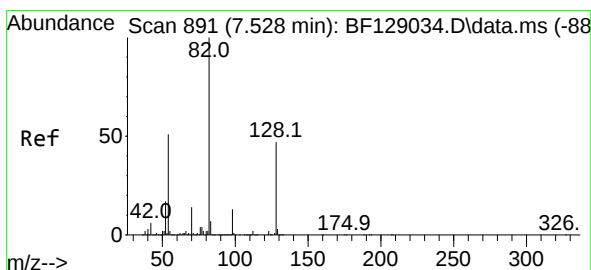
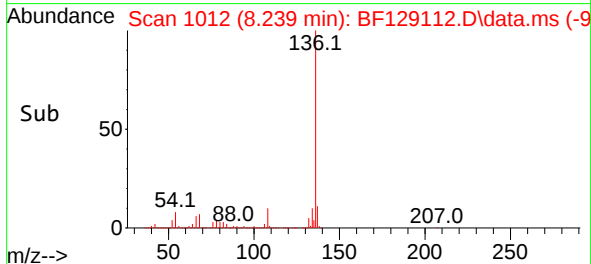
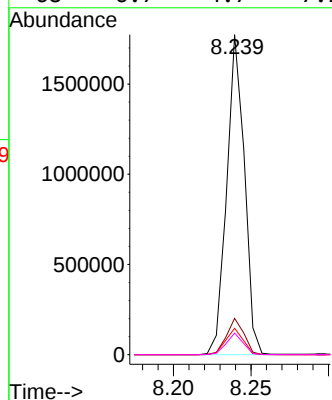
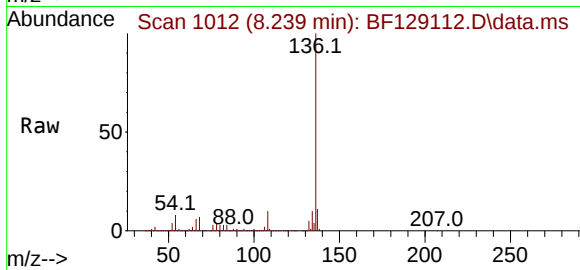
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.3 7.5 11.3

68 6.7 4.7 7.1



#23

Nitrobenzene-d5

Concen: 37.500 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

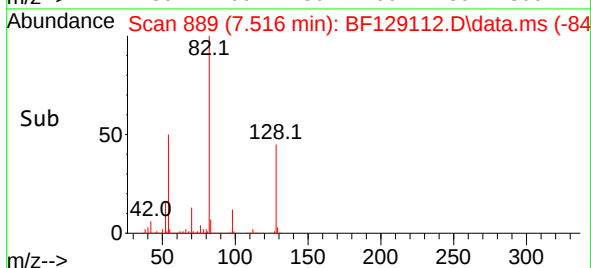
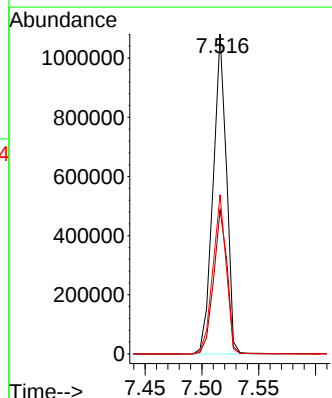
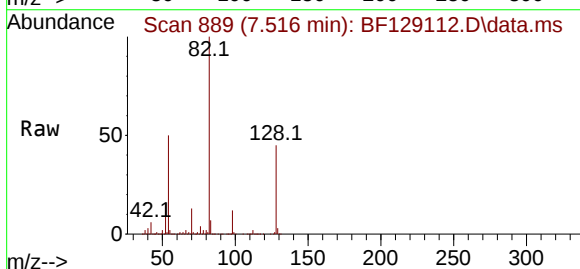
Tgt Ion: 82 Resp: 884591

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

54 49.7 46.9 70.3

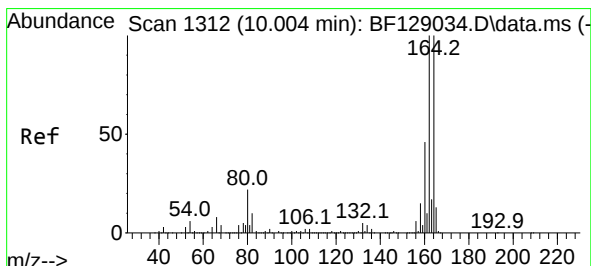
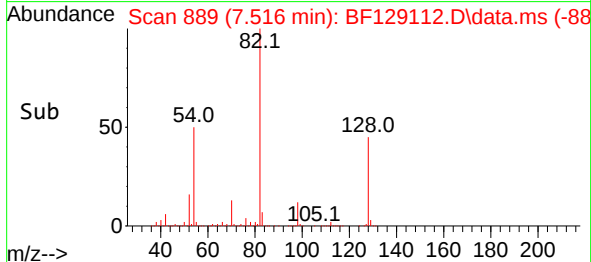
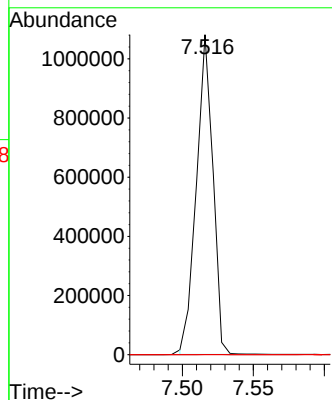
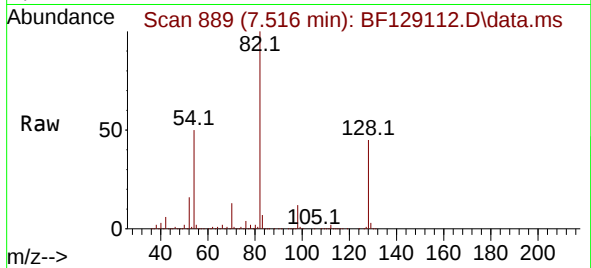




#25
Isophorone
Concen: 21.933 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

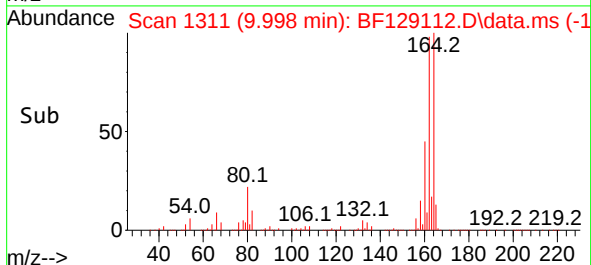
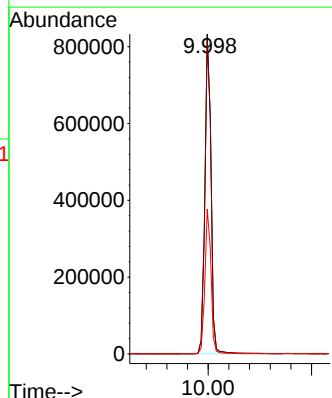
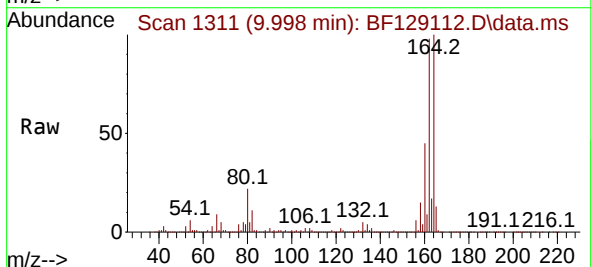
Instrument :
BNA_F
ClientSampleId :
SB-12A

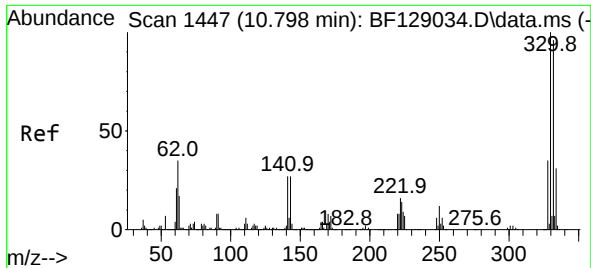
Tgt Ion: 82 Resp: 874409
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion: 164 Resp: 683087
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 45.3 34.2 51.4

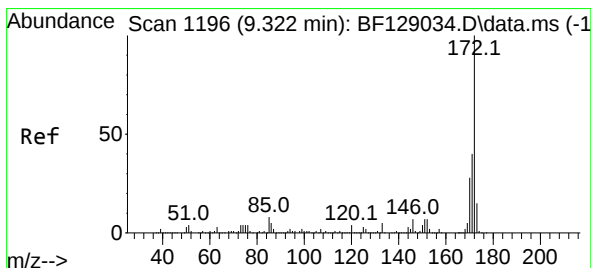
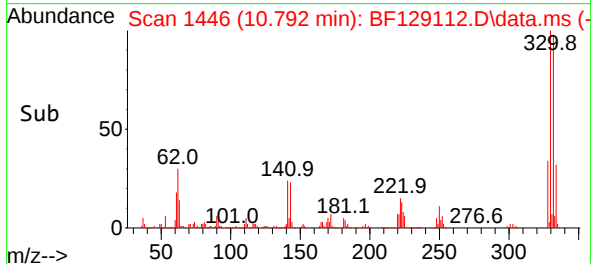
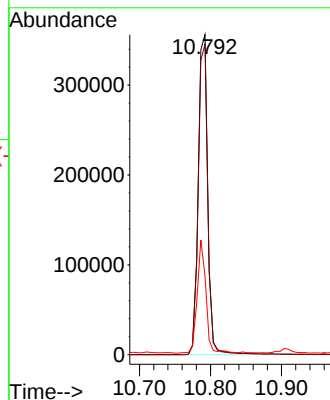
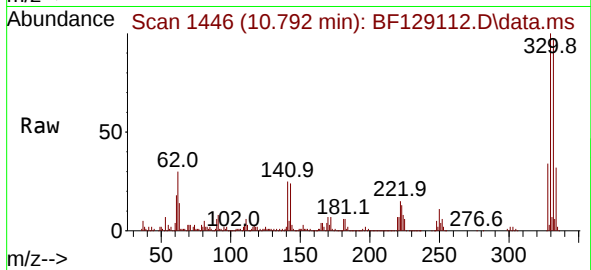




#42
2,4,6-Tribromophenol
Concen: 45.038 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

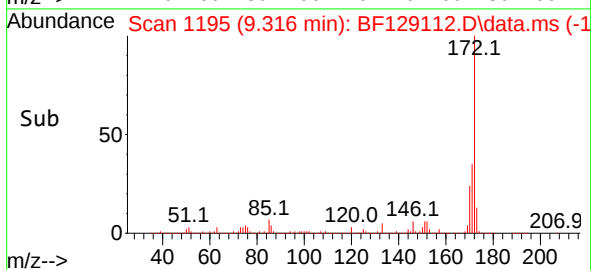
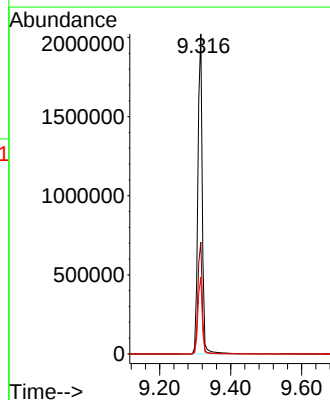
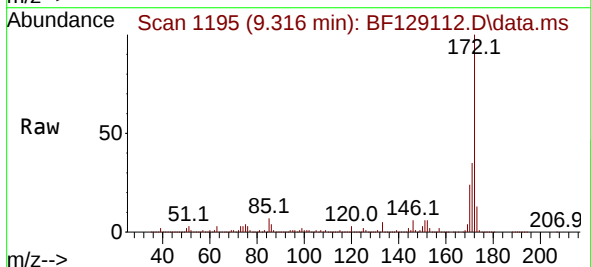
Instrument :
BNA_F
ClientSampleId :
SB-12A

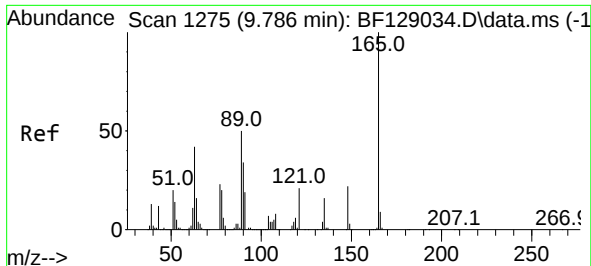
Tgt Ion:330 Resp: 334524
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 32.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 40.838 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion:172 Resp: 1743739
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.594 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

SB-12A

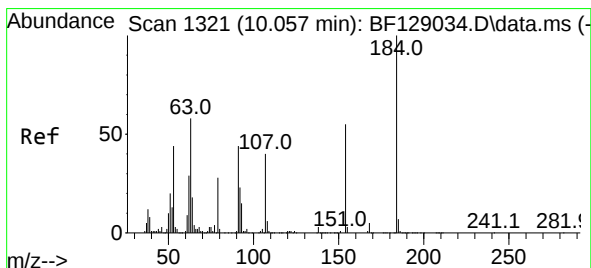
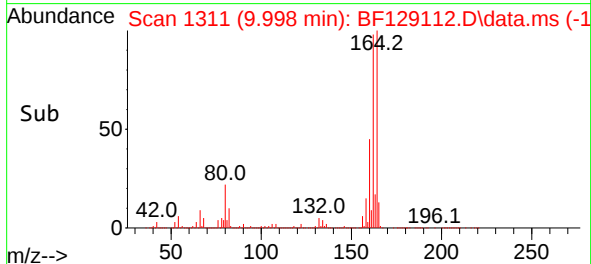
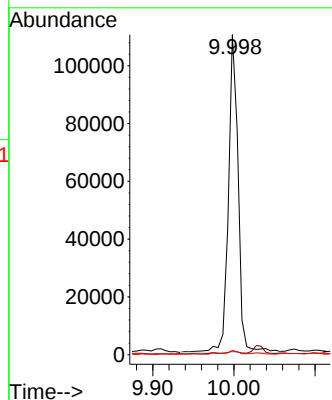
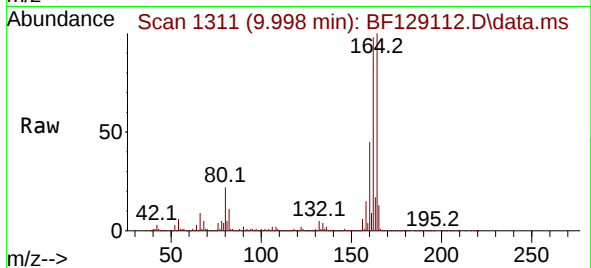
Tgt Ion:165 Resp: 92511

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.2 43.6 65.4#



#54

2,4-Dinitrophenol

Concen: 6.877 ng

RT: 10.186 min Scan# 1343

Delta R.T. 0.129 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

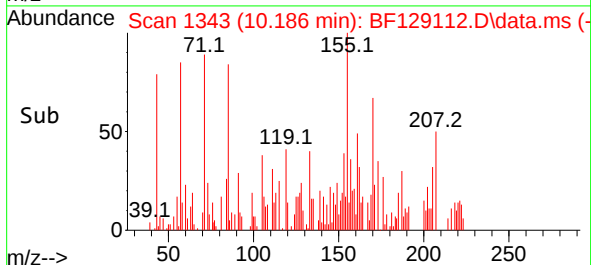
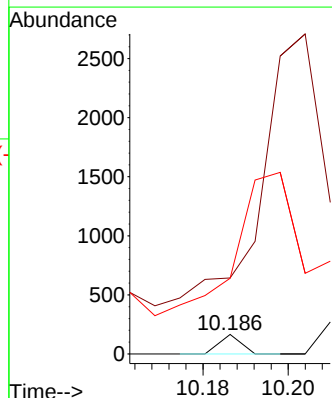
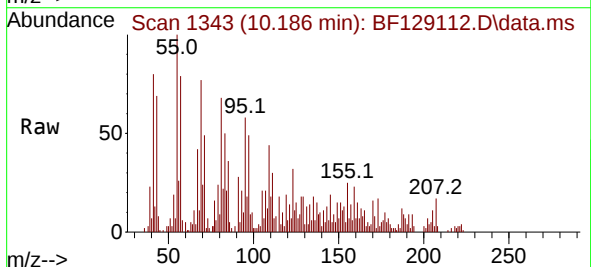
Tgt Ion:184 Resp: 58

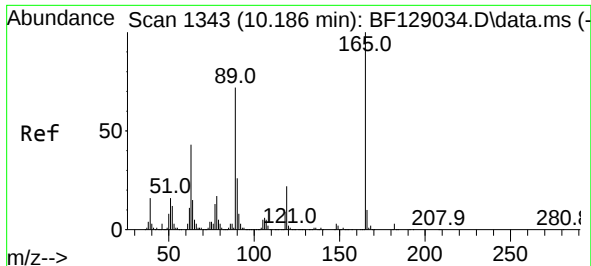
Ion Ratio Lower Upper

184 100

63 390.3 64.5 96.7#

154 387.9 50.6 75.8#

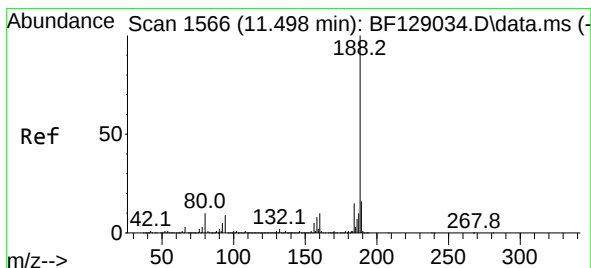
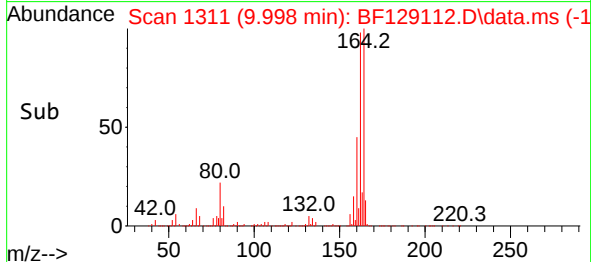
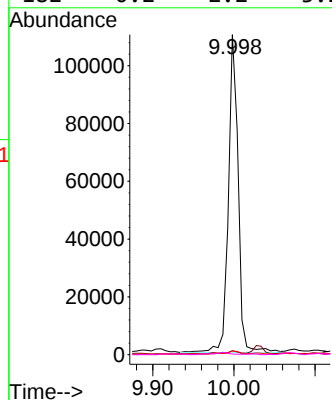
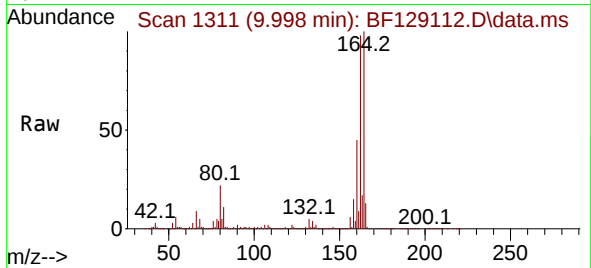




#57
2,4-Dinitrotoluene
Concen: 8.581 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

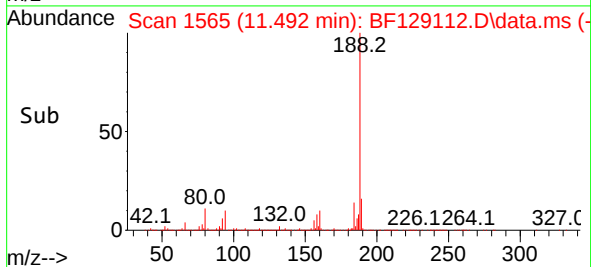
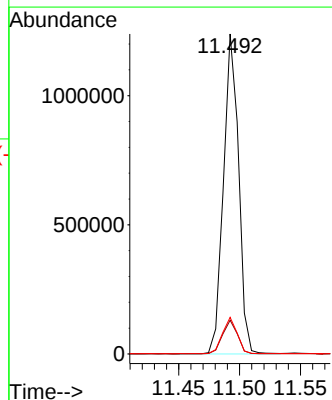
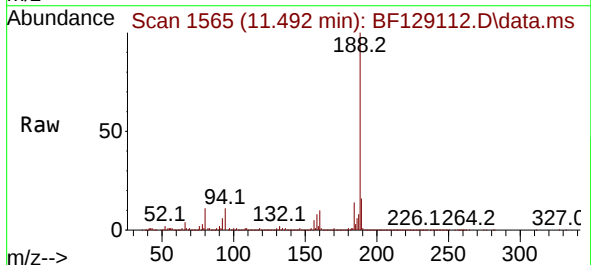
Instrument :
BNA_F
ClientSampleId :
SB-12A

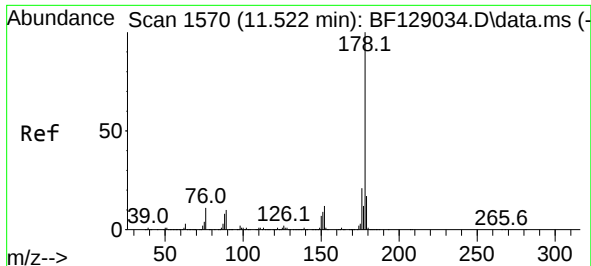
Tgt Ion:165 Resp: 92511
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.2 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion:188 Resp: 1072717
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.5 7.6 11.4#

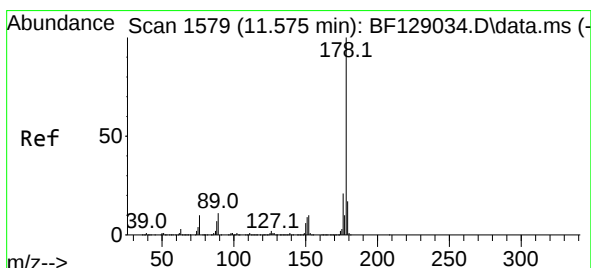
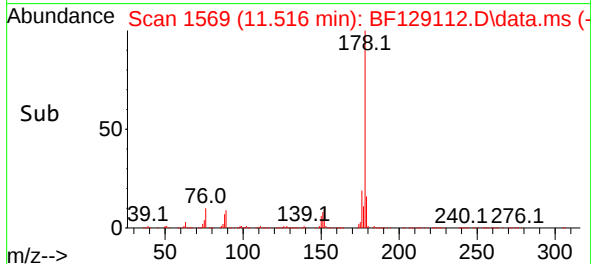
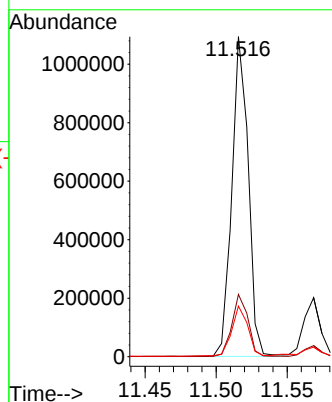
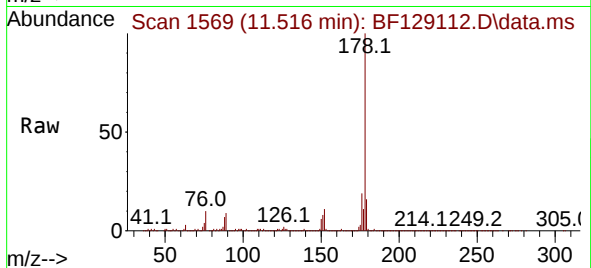




#71
Phenanthrene
Concen: 17.127 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

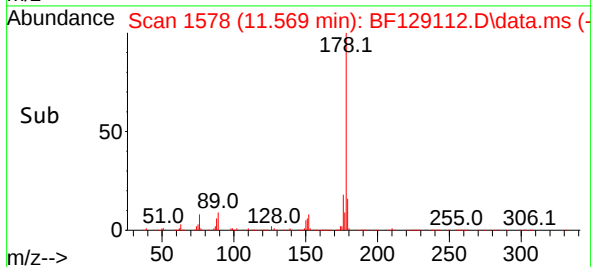
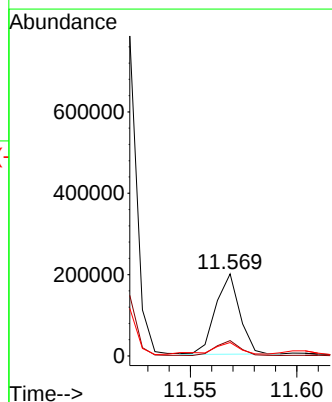
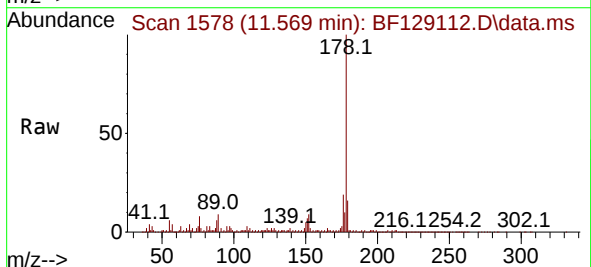
Instrument :
BNA_F
ClientSampleId :
SB-12A

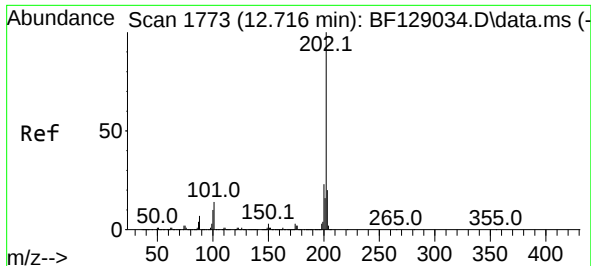
Tgt Ion:178 Resp: 877810
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.8 12.6 19.0



#72
Anthracene
Concen: 3.079 ng
RT: 11.569 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion:178 Resp: 155614
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.3 12.6 19.0

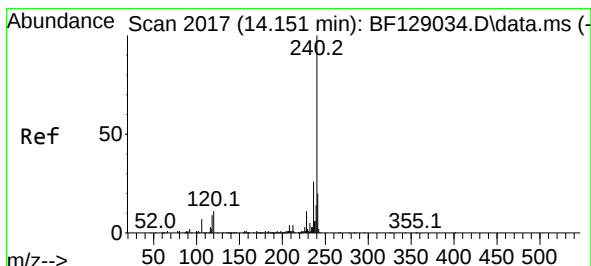
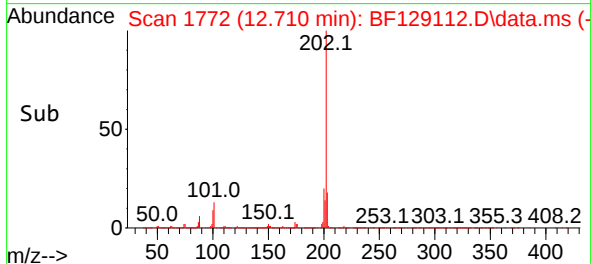
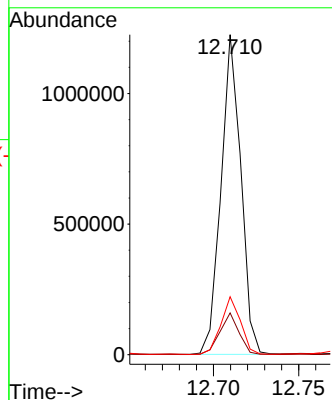
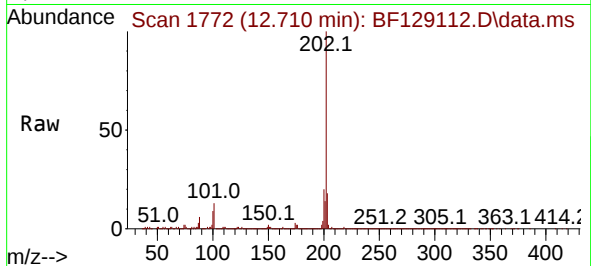




#75
Fluoranthene
Concen: 18.545 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

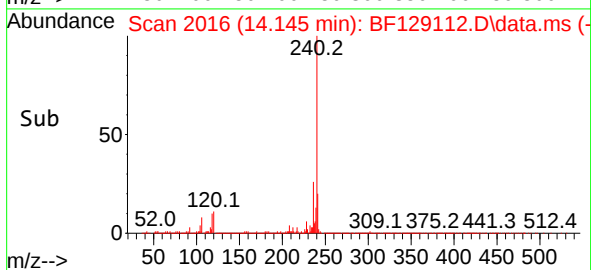
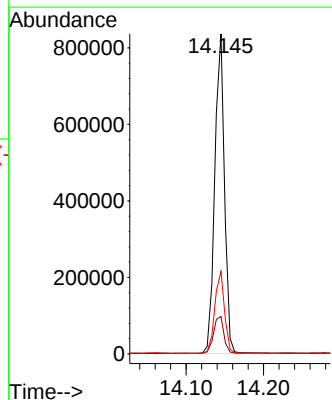
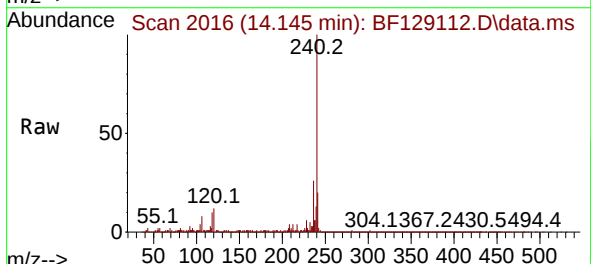
Instrument :
BNA_F
ClientSampleId :
SB-12A

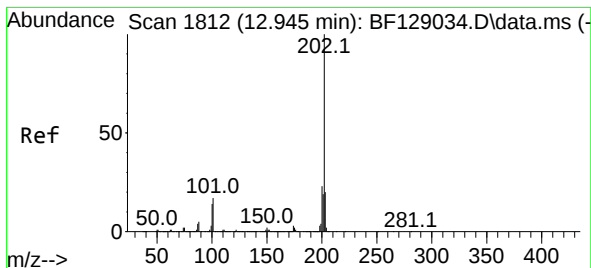
Tgt Ion:202 Resp: 994028
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion:240 Resp: 726438
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.9 20.8 31.2





#78

Pyrene

Concen: 15.714 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

SB-12A

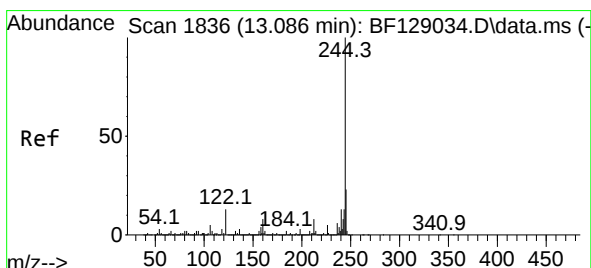
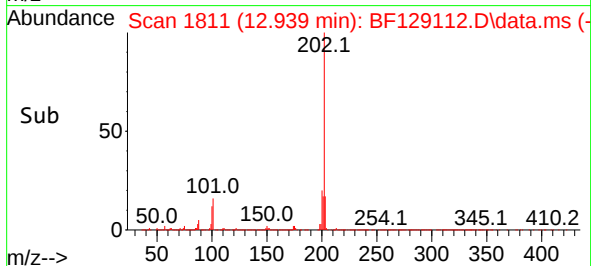
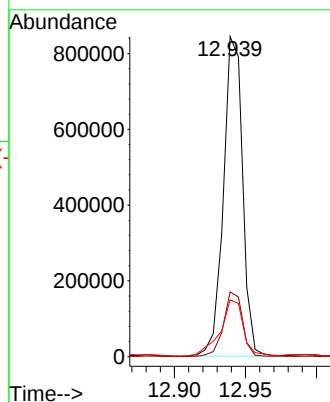
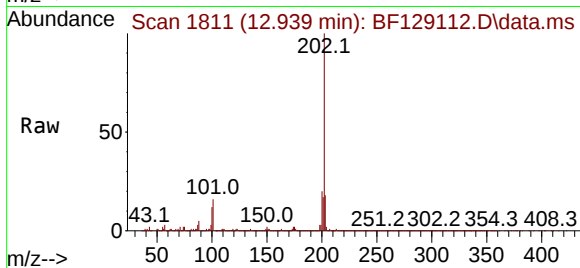
Tgt Ion:202 Resp: 791257

Ion Ratio Lower Upper

202 100

200 20.2 17.7 26.5

203 17.8 14.6 21.8



#79

Terphenyl-d14

Concen: 41.910 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

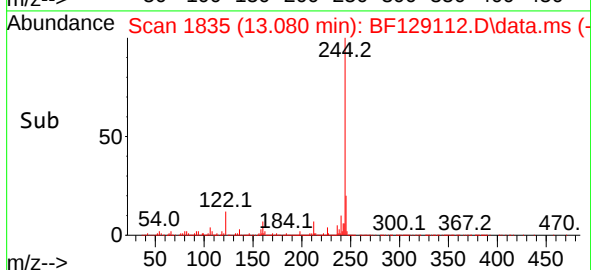
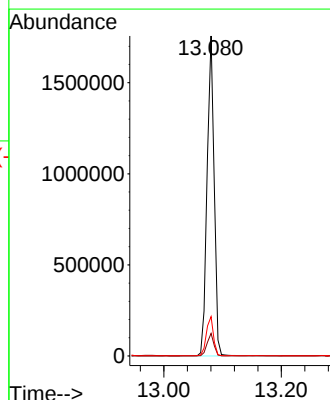
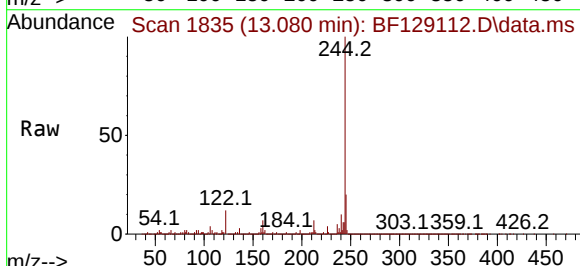
Tgt Ion:244 Resp: 1466092

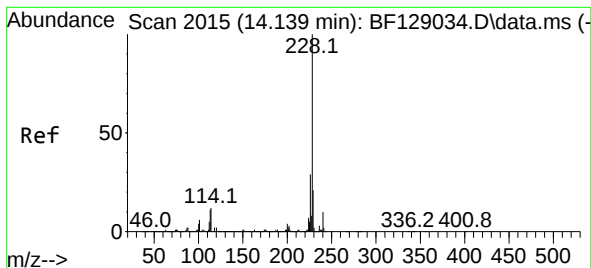
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 12.3 8.8 13.2





#81

Benzo(a)anthracene

Concen: 8.151 ng

RT: 14.133 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

SB-12A

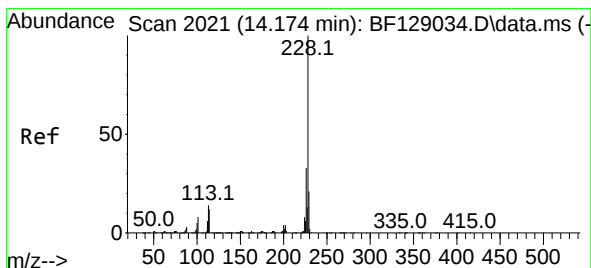
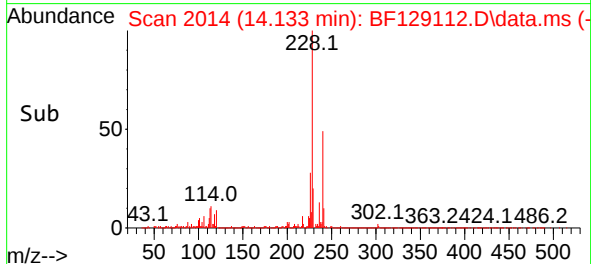
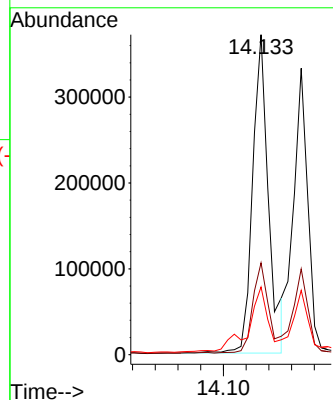
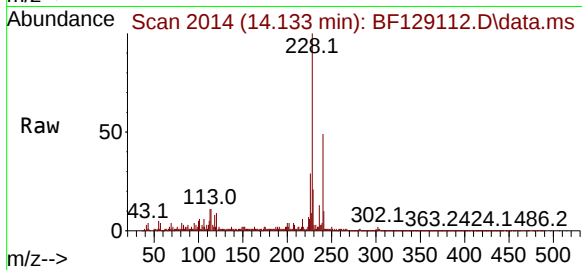
Tgt Ion:228 Resp: 361518

Ion Ratio Lower Upper

228 100

226 28.7 22.1 33.1

229 21.1 15.8 23.8



#83

Chrysene

Concen: 7.050 ng

RT: 14.168 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

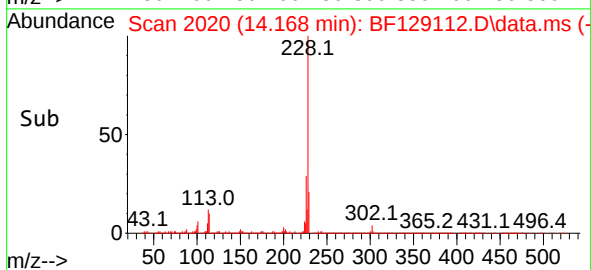
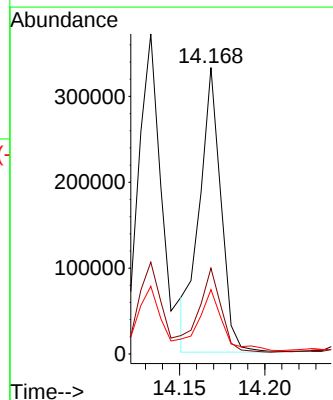
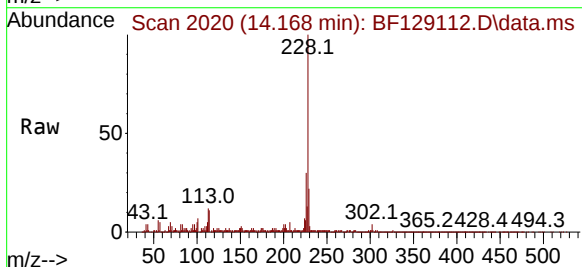
Tgt Ion:228 Resp: 290281

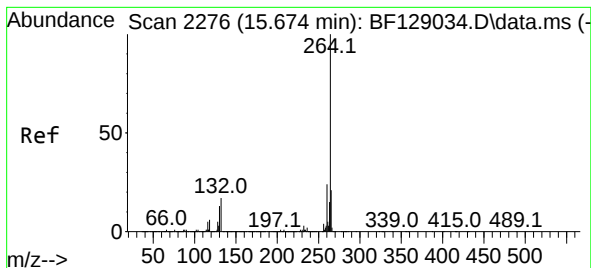
Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 22.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

SB-12A

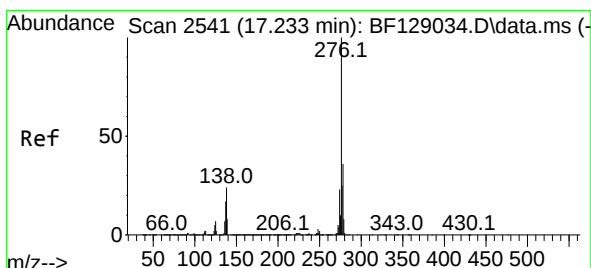
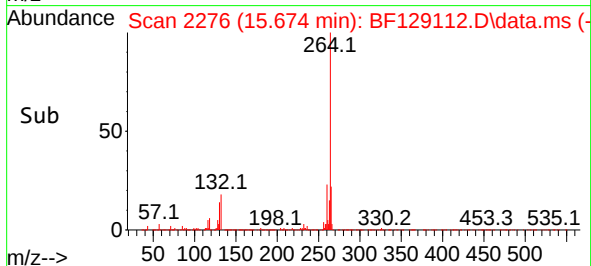
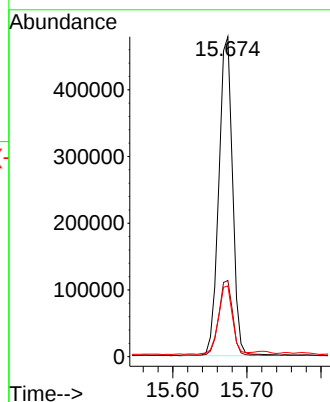
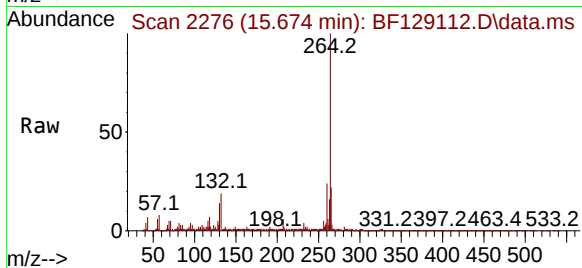
Tgt Ion:264 Resp: 617303

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.1 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.133 ng

RT: 17.227 min Scan# 2540

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

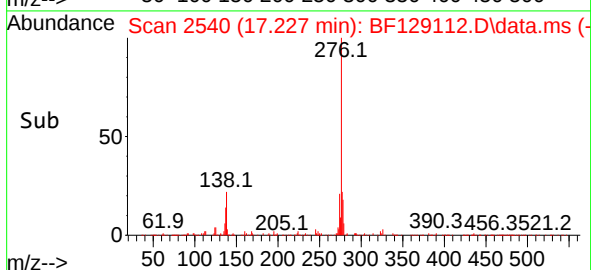
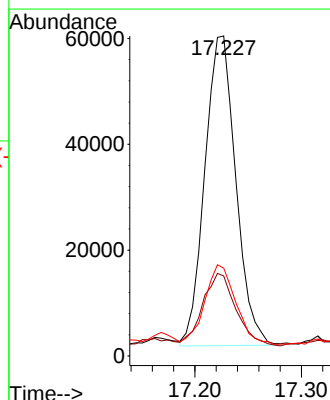
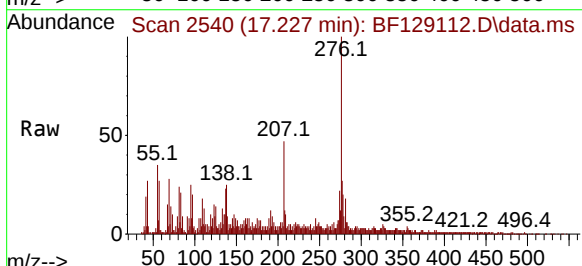
Tgt Ion:276 Resp: 118612

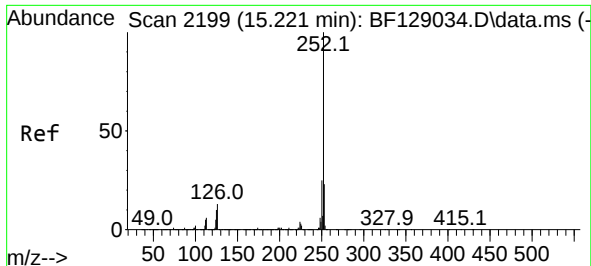
Ion Ratio Lower Upper

276 100

138 25.1 21.1 31.7

277 25.4 20.3 30.5

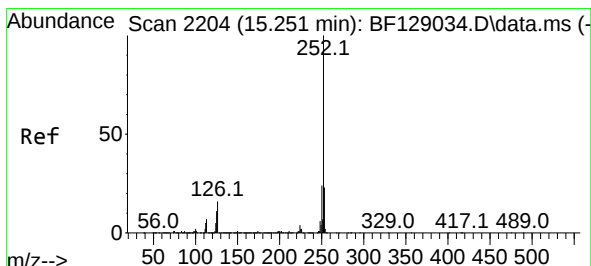
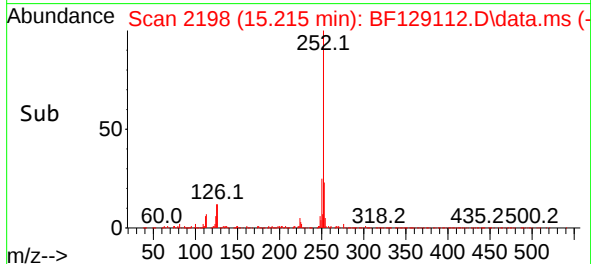
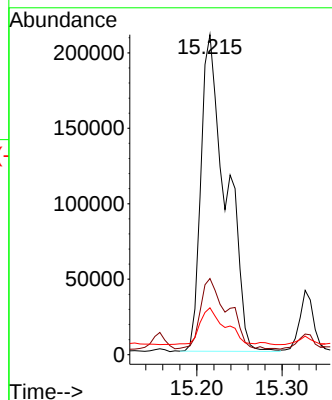
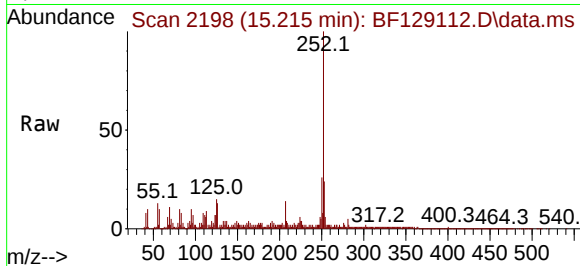




#88
Benzo(b)fluoranthene
Concen: 11.644 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

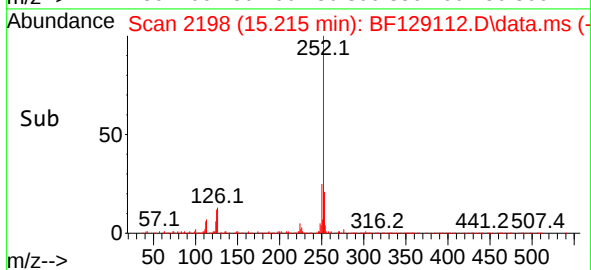
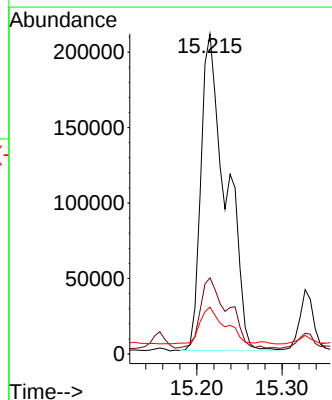
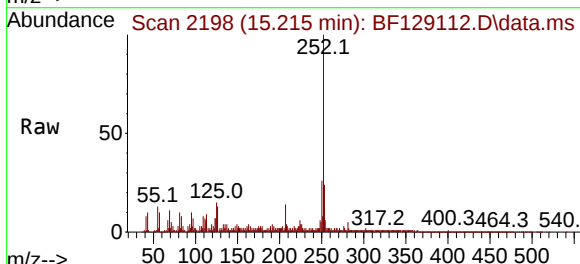
Instrument :
BNA_F
ClientSampleId :
SB-12A

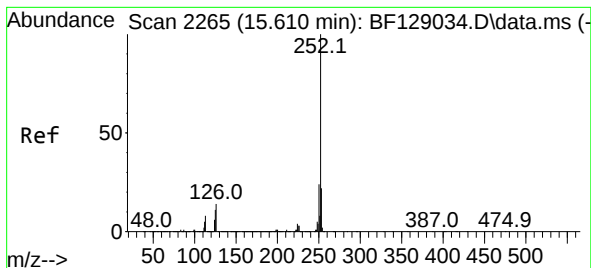
Tgt Ion:252 Resp: 432290
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 14.7 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 12.005 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF129112.D
Acq: 02 Jul 2022 01:30

Tgt Ion:252 Resp: 432290
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 14.7 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 7.354 ng

RT: 15.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Instrument :

BNA_F

ClientSampleId :

SB-12A

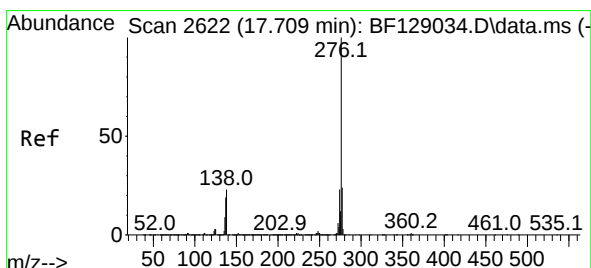
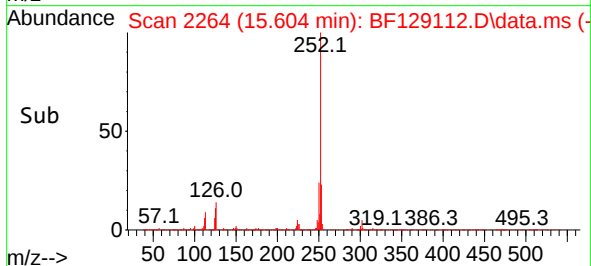
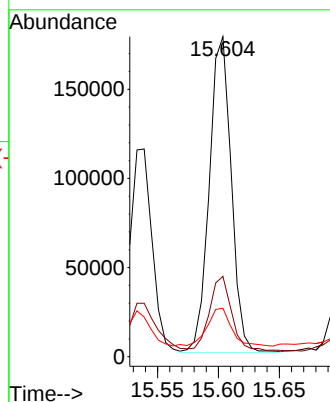
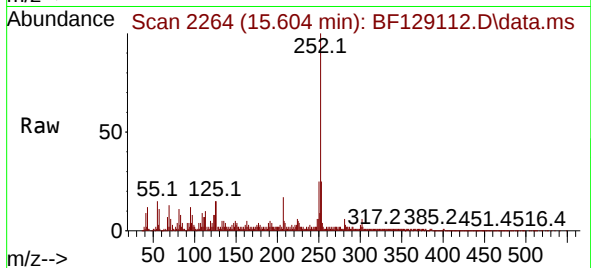
Tgt Ion:252 Resp: 222555

Ion Ratio Lower Upper

252 100

253 25.1 17.0 25.6

125 15.2 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 3.558 ng

RT: 17.703 min Scan# 2621

Delta R.T. -0.006 min

Lab File: BF129112.D

Acq: 02 Jul 2022 01:30

Tgt Ion:276 Resp: 110177

Ion Ratio Lower Upper

276 100

277 26.5 19.1 28.7

138 23.2 18.0 27.0

