

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127048.D
 Acq On : 23 Feb 2022 19:30
 Operator : CG\JU
 Sample : N1628-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-3

Quant Time: Feb 24 02:17:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

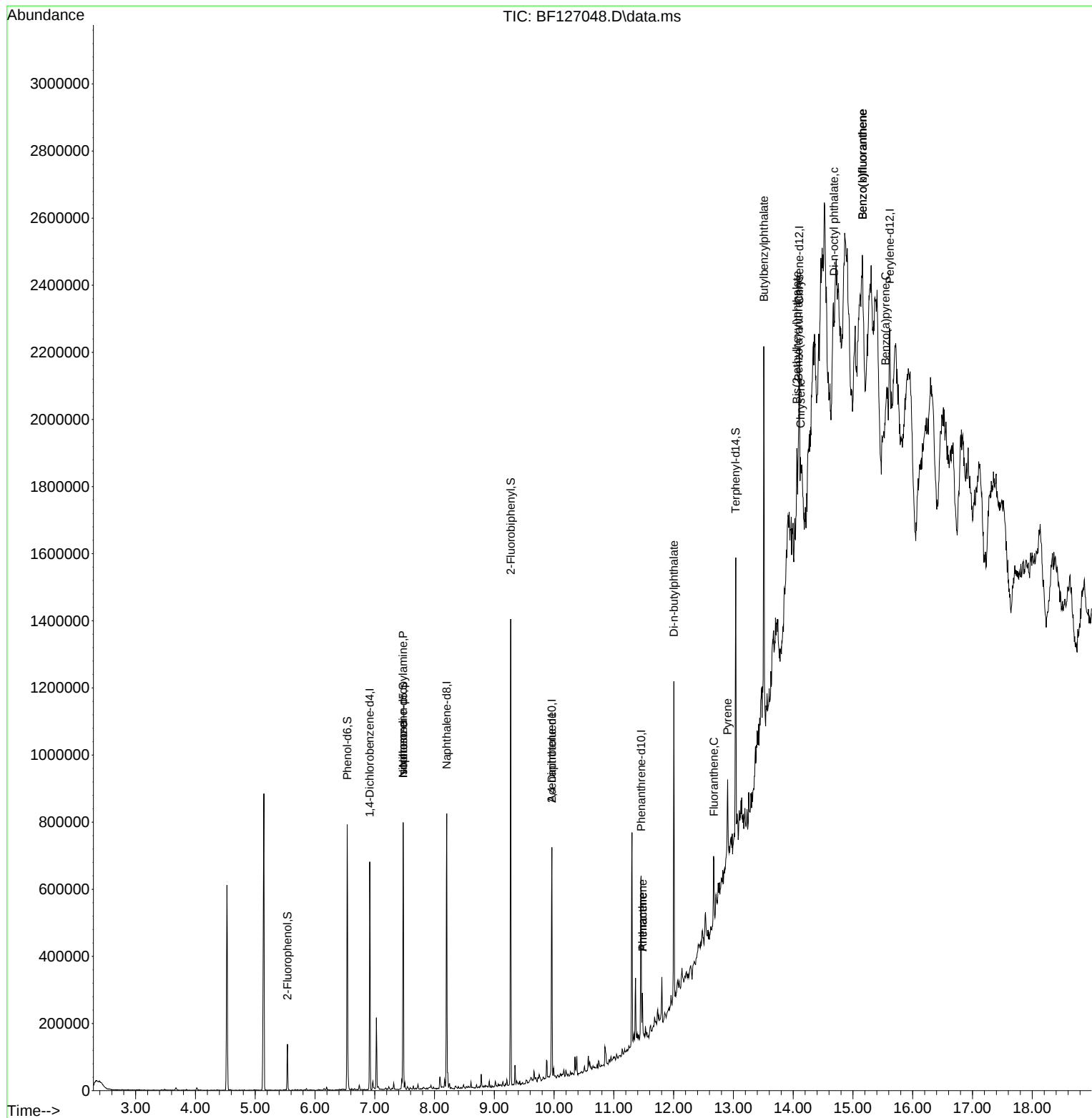
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	81648	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	300545	20.000	ng	# 0.01
39) Acenaphthene-d10	9.963	164	117997	20.000	ng	0.01
64) Phenanthrene-d10	11.457	188	168093	20.000	ng	# 0.01
76) Chrysene-d12	14.104	240	127473	20.000	ng	# 0.02
86) Perylene-d12	15.615	264	96965	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	28337	5.364	ng	0.01
7) Phenol-d6	6.539	99	206461	28.964	ng	0.00
23) Nitrobenzene-d5	7.475	82	230805	34.663	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	1474	1.085	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	326174	40.694	ng	0.00
79) Terphenyl-d14	13.039	244	237023	27.334	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	32816	7.144	ng	# 81
25) Isophorone	7.475	82	229305	20.812	ng	# 69
57) 2,4-Dinitrotoluene	9.963	165	15714	6.773	ng	# 16
71) Phenanthrene	11.480	178	45041	4.787	ng	99
72) Anthracene	11.480	178	45041	4.809	ng	98
74) Di-n-butylphthalate	12.004	149	390531	35.367	ng	# 98
75) Fluoranthene	12.674	202	82324	9.215	ng	89
78) Pyrene	12.904	202	68851	6.217	ng	98
80) Butylbenzylphthalate	13.510	149	205530	39.202	ng	94
81) Benzo(a)anthracene	14.092	228	41790	4.863	ng	# 92
83) Chrysene	14.127	228	36192	4.478	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.062	149	53188	7.727	ng	# 93
85) Di-n-octyl phthalate	14.686	149	34556	3.487	ng	# 67
88) Benzo(b)fluoranthene	15.162	252	46956	7.210	ng	# 1
89) Benzo(k)fluoranthene	15.162	252	46956	7.475	ng	# 1
90) Benzo(a)pyrene	15.545	252	21101	4.148	ng	# 1

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

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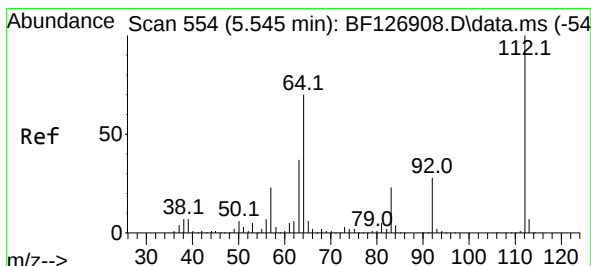
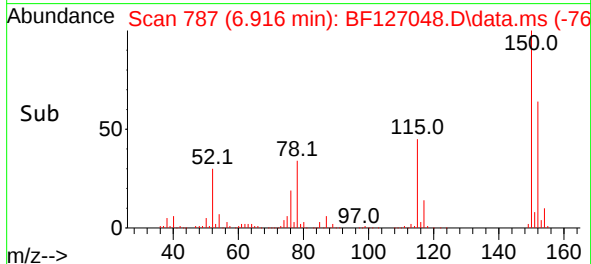
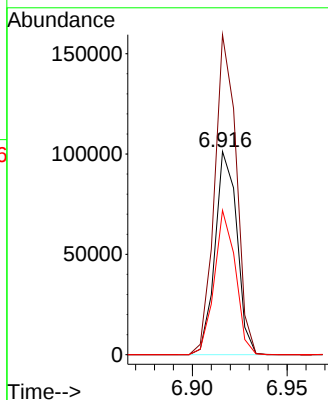
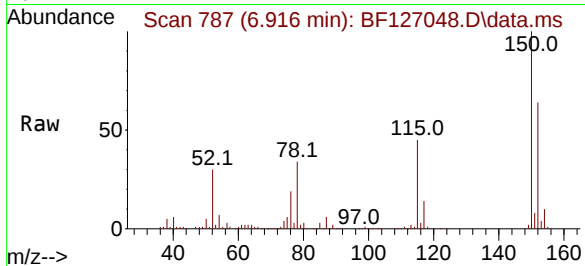




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF127048.D
 Acq: 23 Feb 2022 19:30

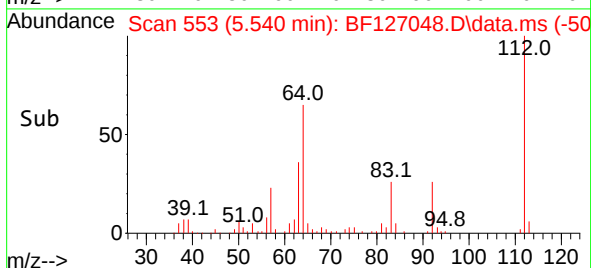
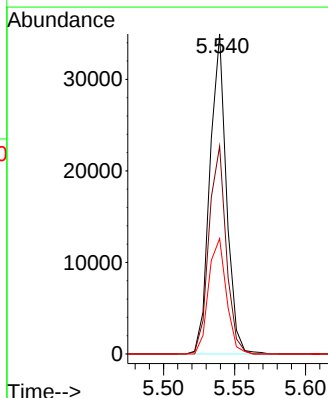
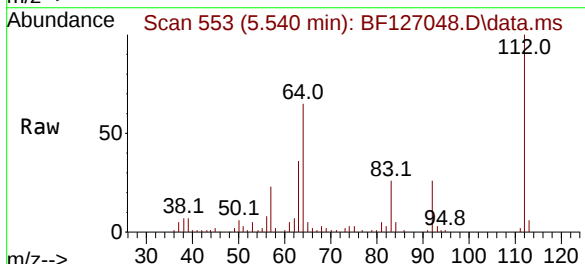
Instrument :
 BNA_F
 ClientSampleId :
 BP-3

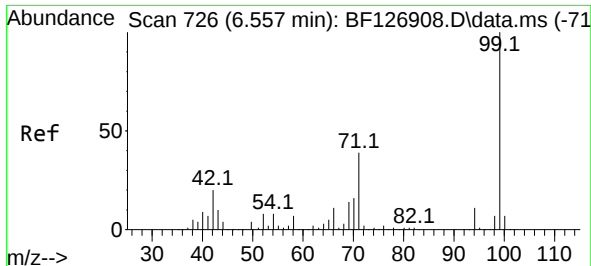
Tgt Ion:152 Resp: 81648
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.1 192.1
 115 71.0 56.7 85.1



#5
 2-Fluorophenol
 Concen: 5.364 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF127048.D
 Acq: 23 Feb 2022 19:30

Tgt Ion:112 Resp: 28337
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.5 74.3
 63 36.0 23.9 35.9#

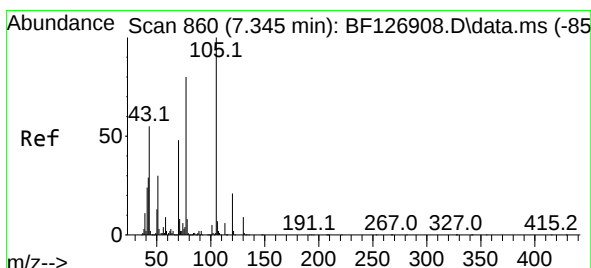
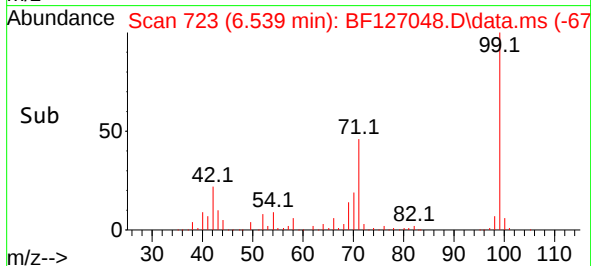
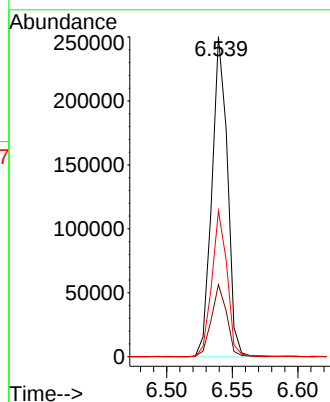
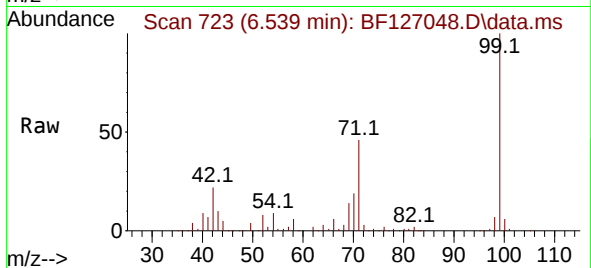




#7
Phenol-d6
Concen: 28.964 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

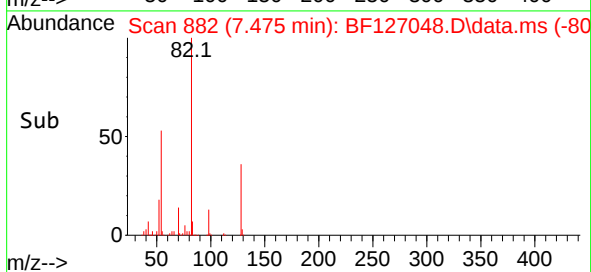
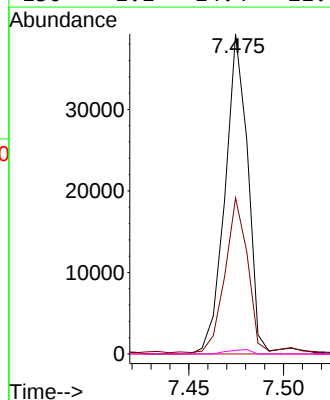
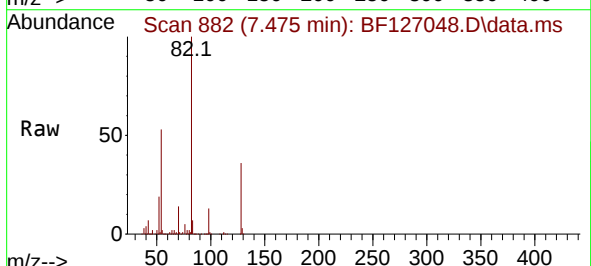
Instrument :
BNA_F
ClientSampleId :
BP-3

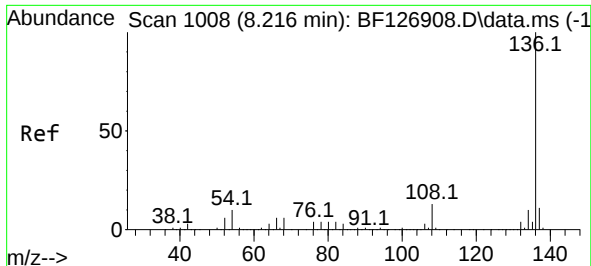
Tgt Ion: 99 Resp: 206461
Ion Ratio Lower Upper
99 100
42 22.5 14.2 21.4#
71 45.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 7.144 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.153 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion: 70 Resp: 32816
Ion Ratio Lower Upper
70 100
42 48.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.1 14.4 21.6#

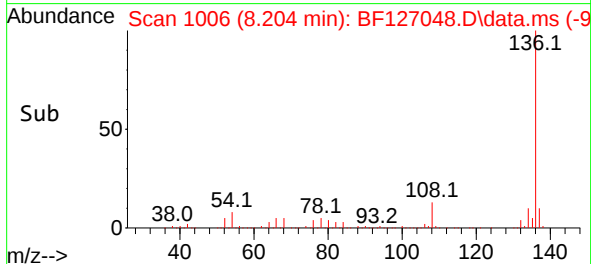
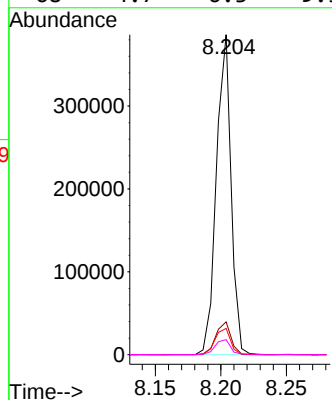
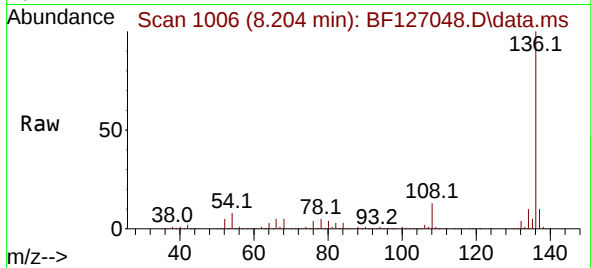




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

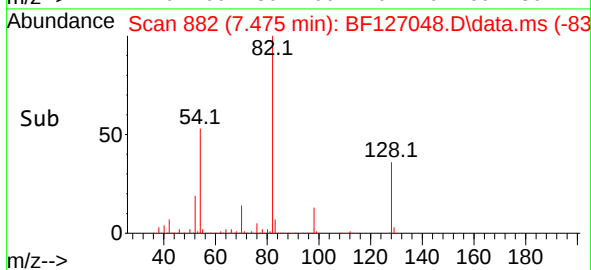
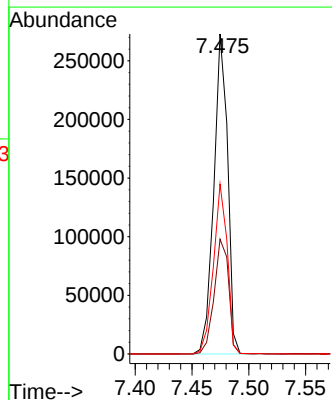
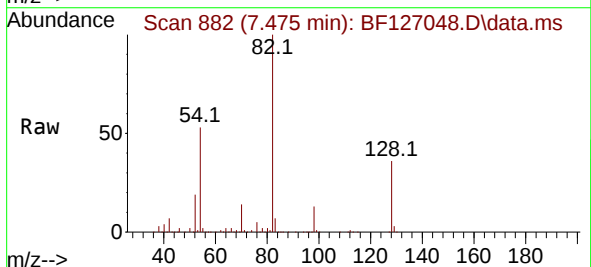
Instrument :
BNA_F
ClientSampleId :
BP-3

Tgt Ion:136 Resp: 300545
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.2 7.8 11.6
68 4.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 34.663 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion: 82 Resp: 230805
Ion Ratio Lower Upper
82 100
128 35.8 32.7 49.1
54 53.1 41.7 62.5

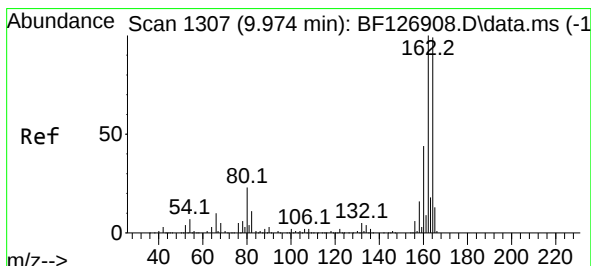
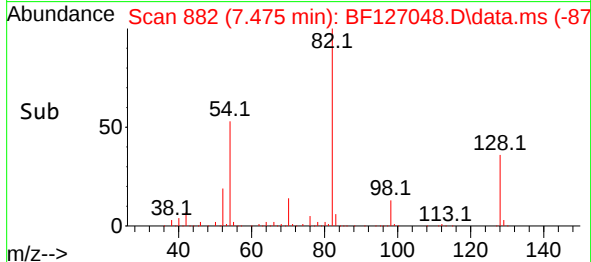
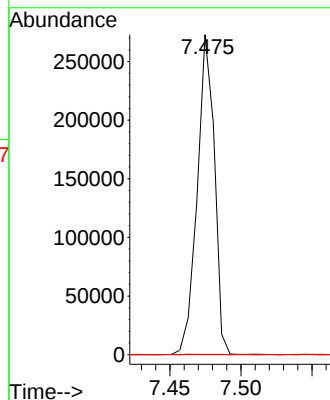
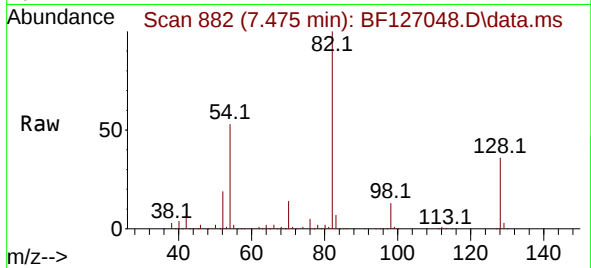




#25
Isophorone
Concen: 20.812 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

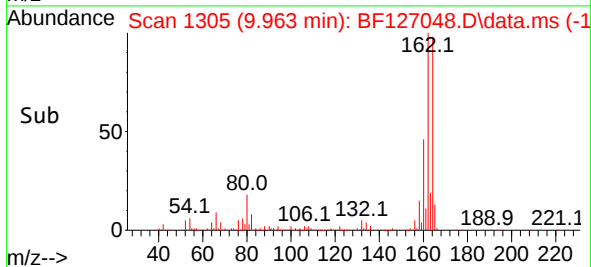
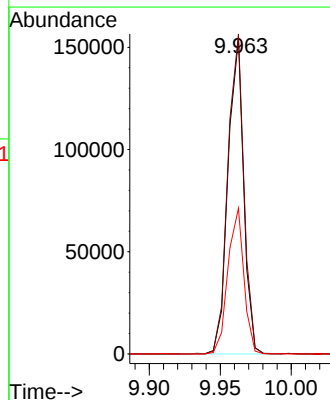
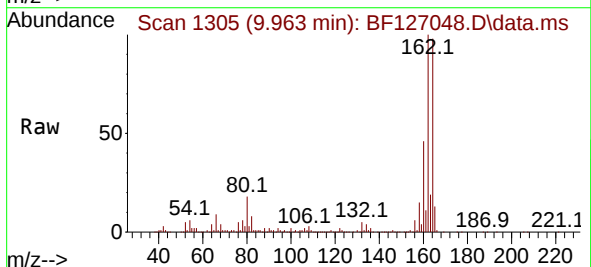
Instrument :
BNA_F
ClientSampleId :
BP-3

Tgt Ion: 82 Resp: 229305
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:164 Resp: 117997
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 1.085 ng

RT: 10.751 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

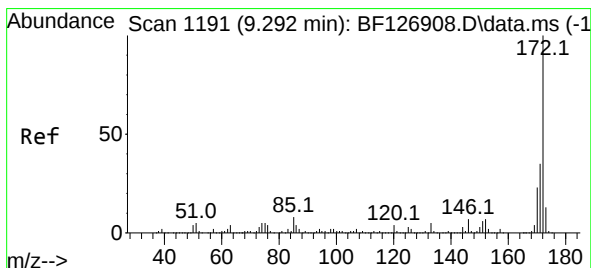
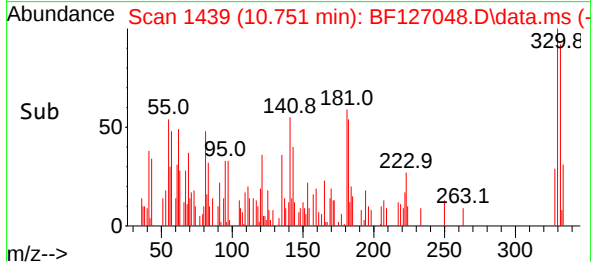
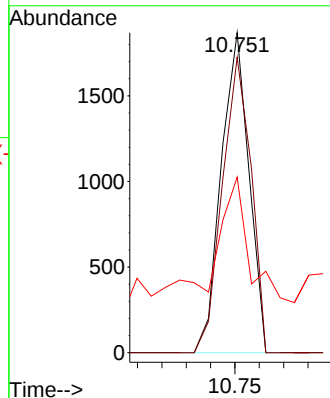
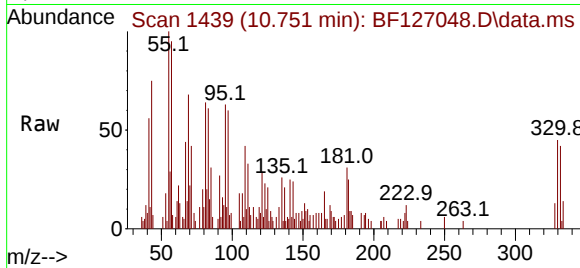
Tgt Ion:330 Resp: 1474

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

141 71.2 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 40.694 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

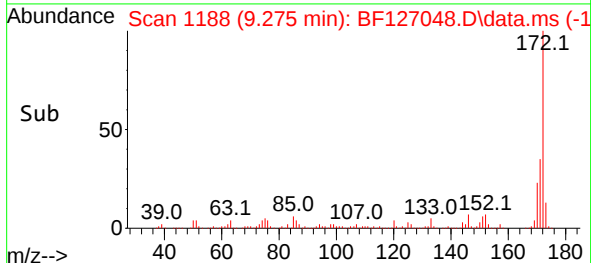
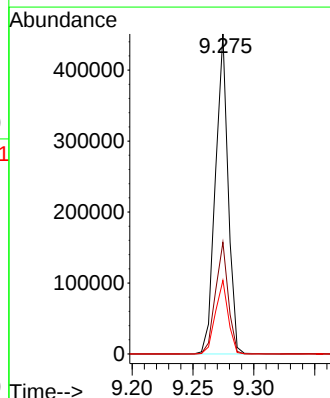
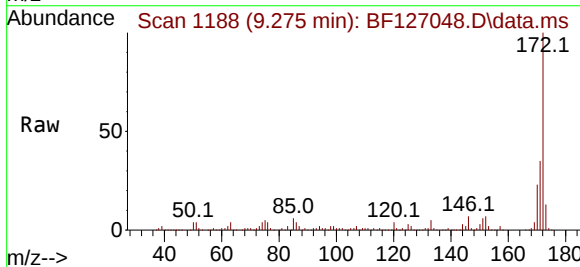
Tgt Ion:172 Resp: 326174

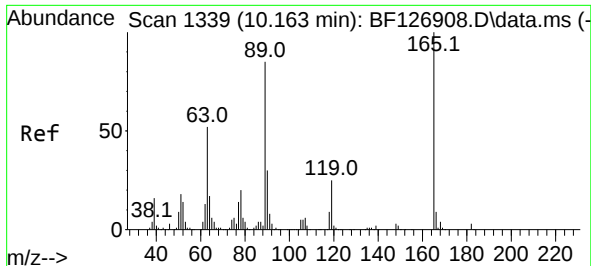
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 19.0 28.6

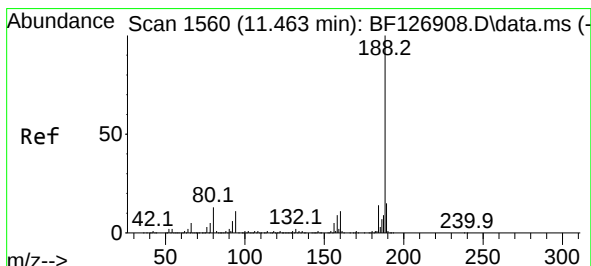
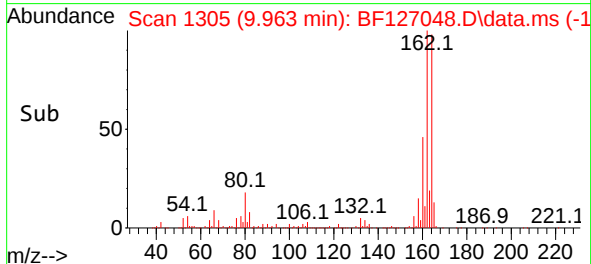
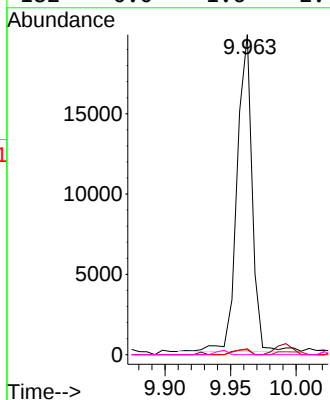
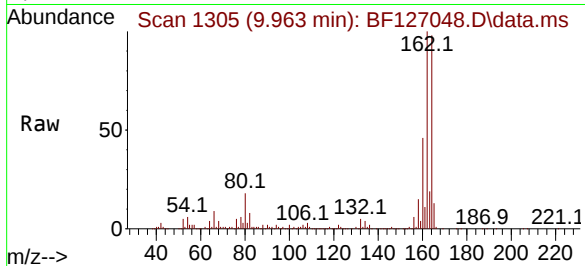




#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.177 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

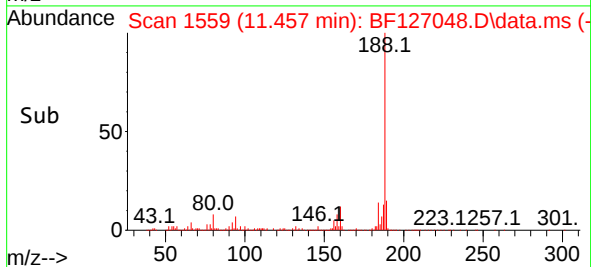
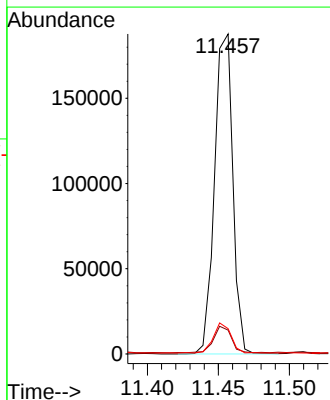
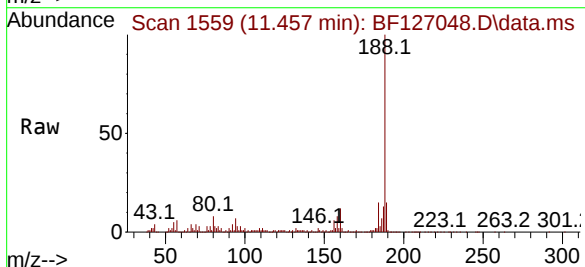
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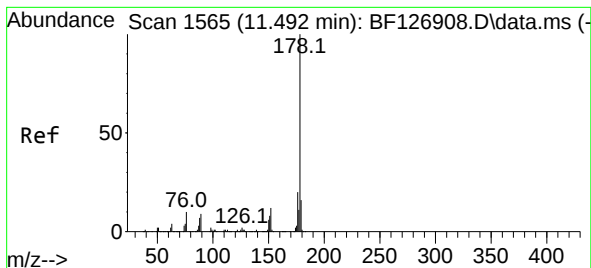
Tgt Ion:165 Resp: 15714
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:188 Resp: 168093
Ion Ratio Lower Upper
188 100
94 7.5 10.1 15.1#
80 7.9 11.8 17.6#





#71

Phenanthrene

Concen: 4.787 ng

RT: 11.480 min Scan# 1563

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

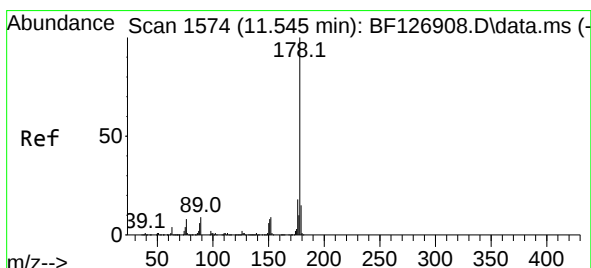
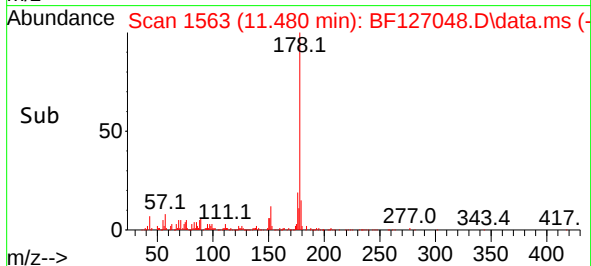
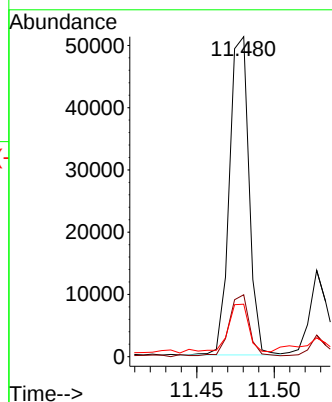
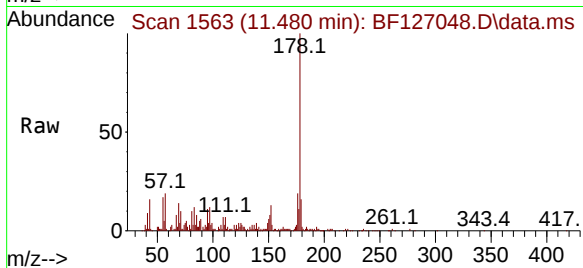
Tgt Ion:178 Resp: 45041

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 16.4 12.3 18.5



#72

Anthracene

Concen: 4.809 ng

RT: 11.480 min Scan# 1563

Delta R.T. -0.041 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

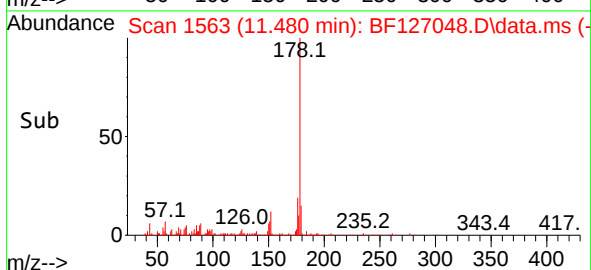
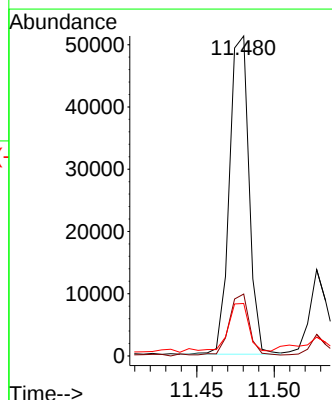
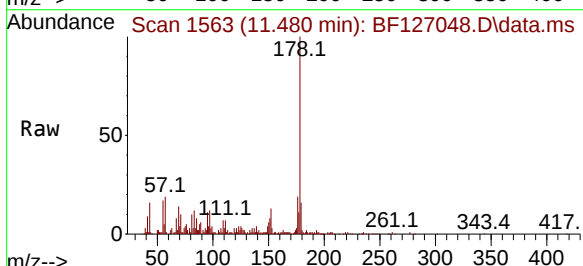
Tgt Ion:178 Resp: 45041

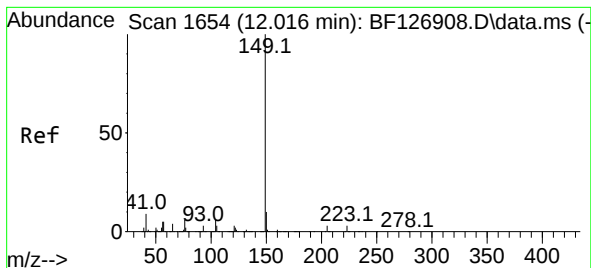
Ion Ratio Lower Upper

178 100

176 19.4 15.0 22.6

179 16.4 12.5 18.7





#74

Di-n-butylphthalate

Concen: 35.367 ng

RT: 12.004 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

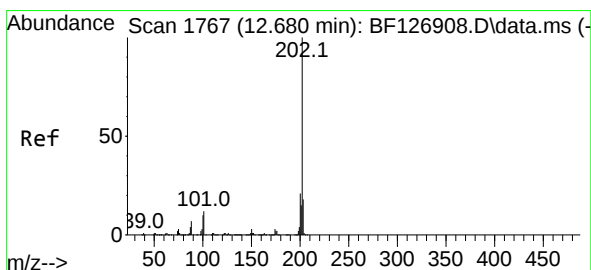
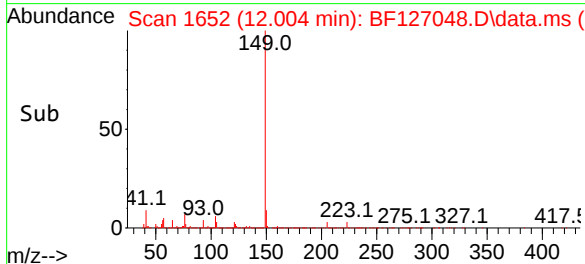
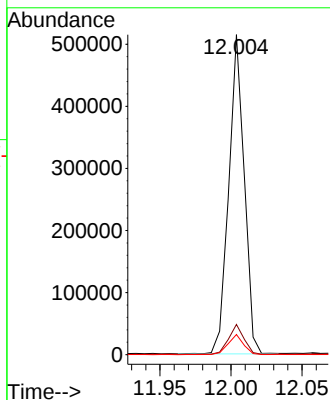
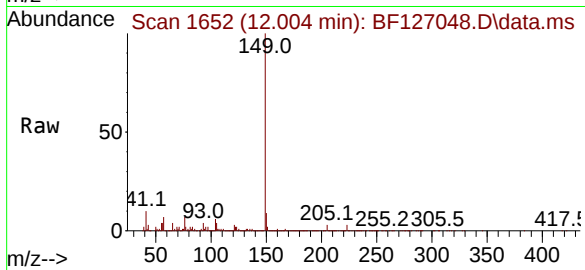
Tgt Ion:149 Resp: 390531

Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 6.3 4.2 6.2#



#75

Fluoranthene

Concen: 9.215 ng

RT: 12.674 min Scan# 1766

Delta R.T. 0.018 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

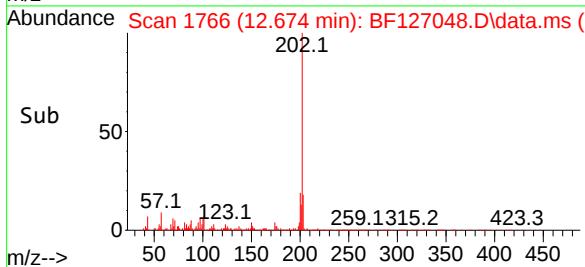
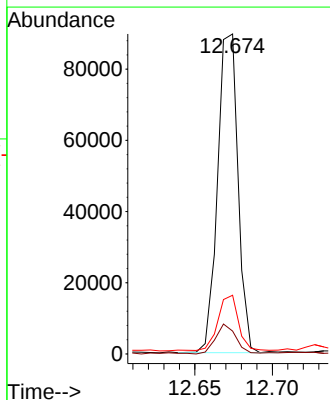
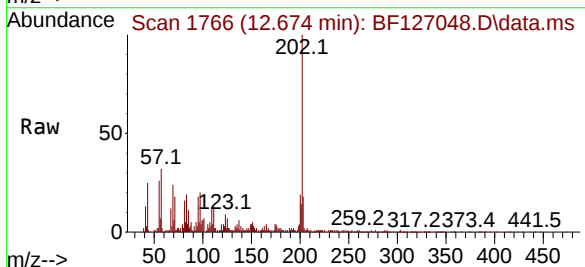
Tgt Ion:202 Resp: 82324

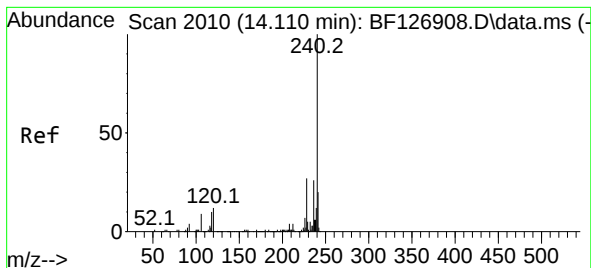
Ion Ratio Lower Upper

202 100

101 7.1 0.0 35.7

203 18.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

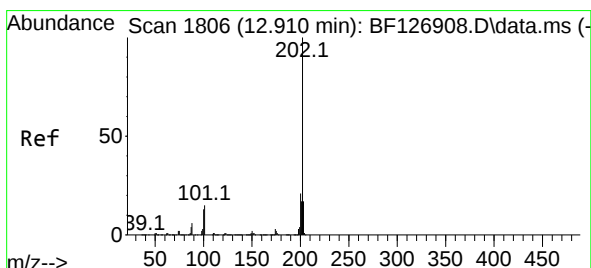
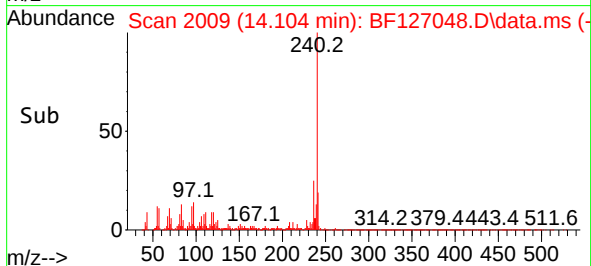
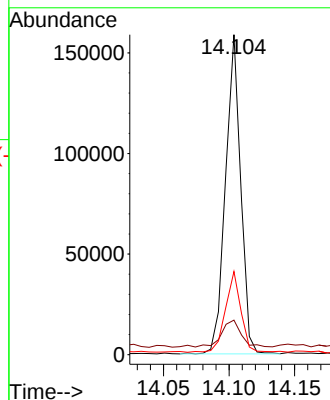
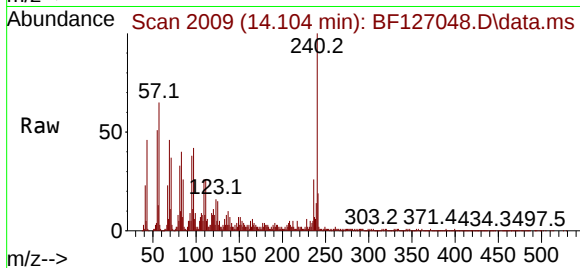
Tgt Ion:240 Resp: 127473

Ion Ratio Lower Upper

240 100

120 10.8 14.4 21.6#

236 26.0 20.5 30.7



#78

Pyrene

Concen: 6.217 ng

RT: 12.904 min Scan# 1805

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

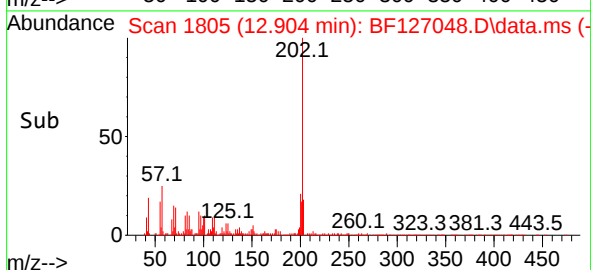
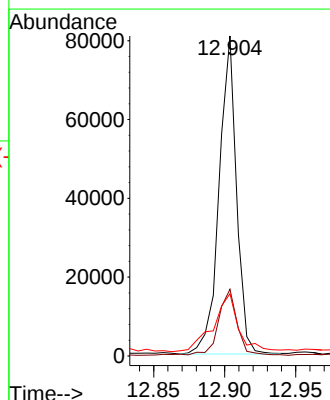
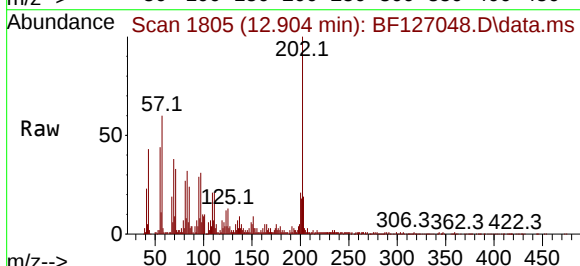
Tgt Ion:202 Resp: 68851

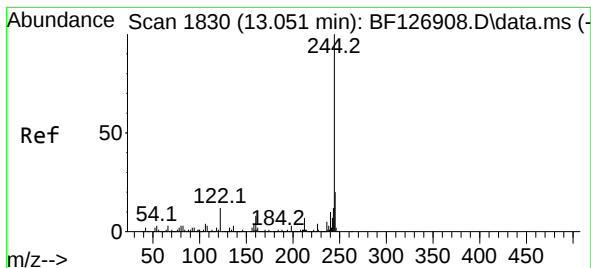
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 19.4 13.8 20.8





#79

Terphenyl-d14

Concen: 27.334 ng

RT: 13.039 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

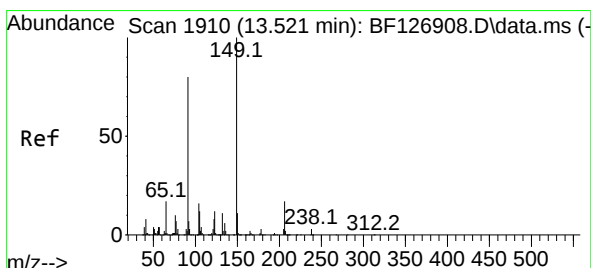
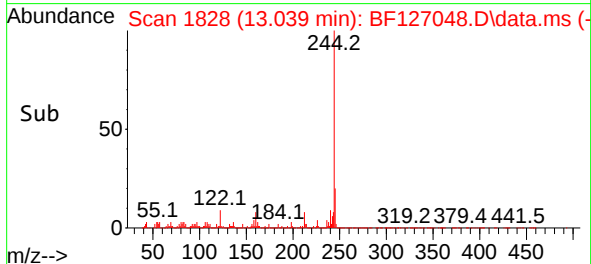
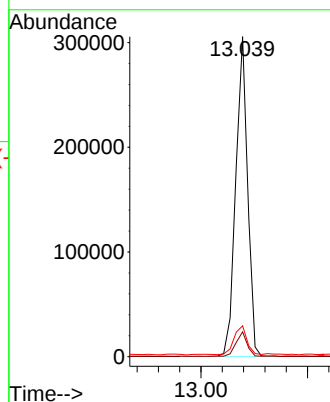
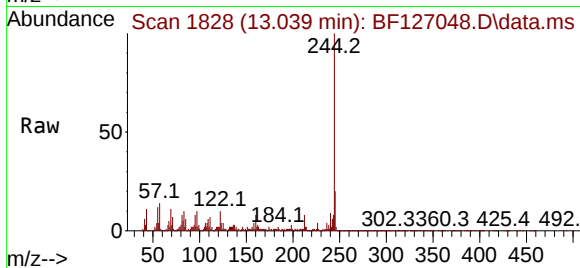
Tgt Ion:244 Resp: 237023

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

122 9.6 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 39.202 ng

RT: 13.510 min Scan# 1908

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

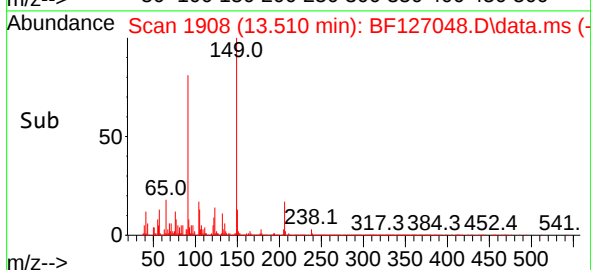
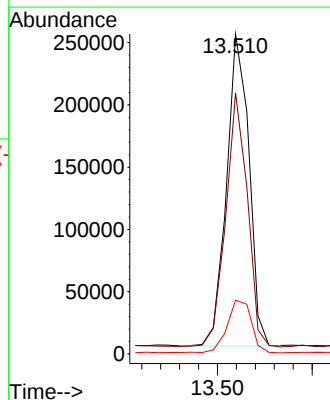
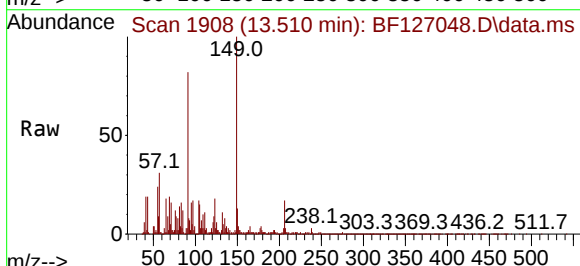
Tgt Ion:149 Resp: 205530

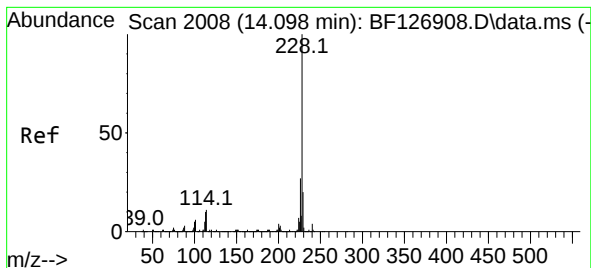
Ion Ratio Lower Upper

149 100

91 81.6 70.5 105.7

206 16.8 12.6 19.0





#81

Benzo(a)anthracene

Concen: 4.863 ng

RT: 14.092 min Scan# 2013

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

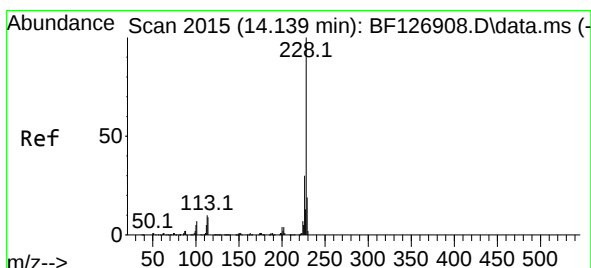
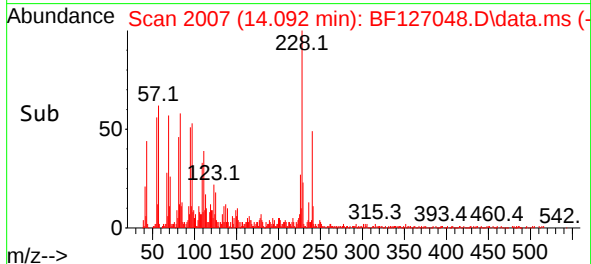
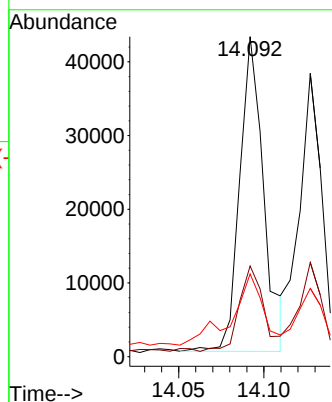
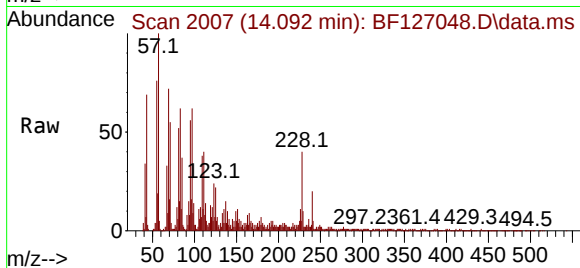
Tgt Ion:228 Resp: 41790

Ion Ratio Lower Upper

228 100

226 28.4 21.4 32.0

229 25.9 15.4 23.2#



#83

Chrysene

Concen: 4.478 ng

RT: 14.127 min Scan# 2013

Delta R.T. 0.012 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

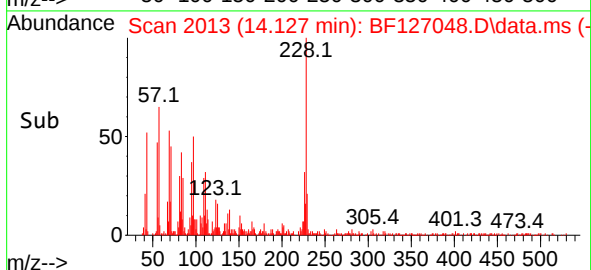
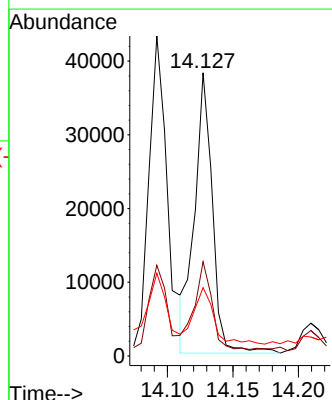
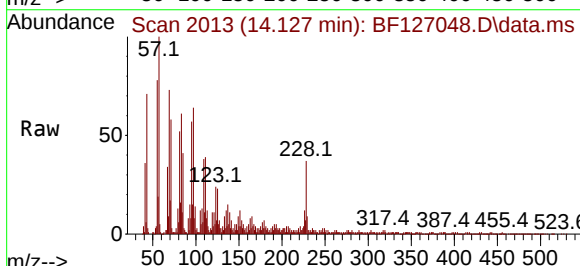
Tgt Ion:228 Resp: 36192

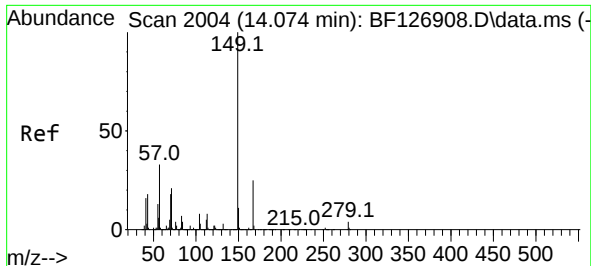
Ion Ratio Lower Upper

228 100

226 33.3 23.7 35.5

229 24.1 15.5 23.3#

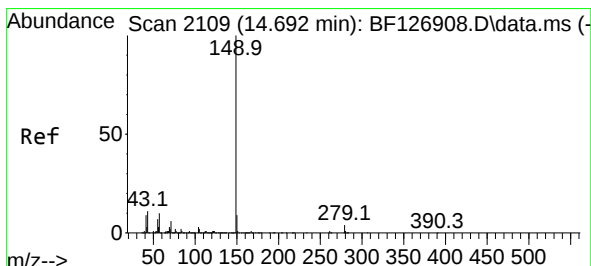
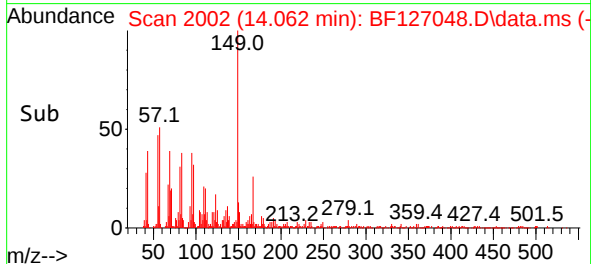
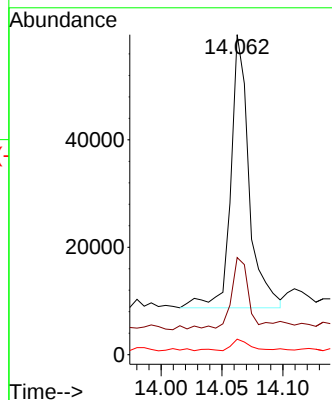
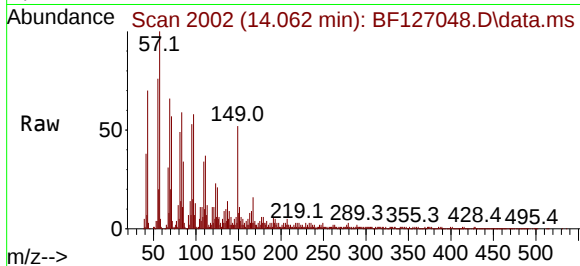




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.727 ng
 RT: 14.062 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF127048.D
 Acq: 23 Feb 2022 19:30

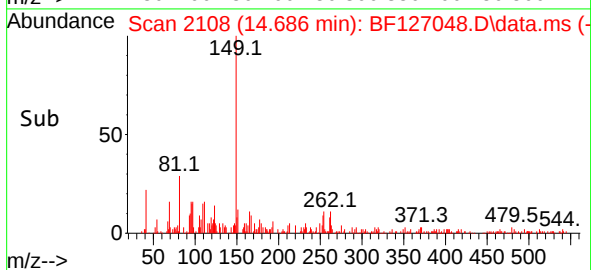
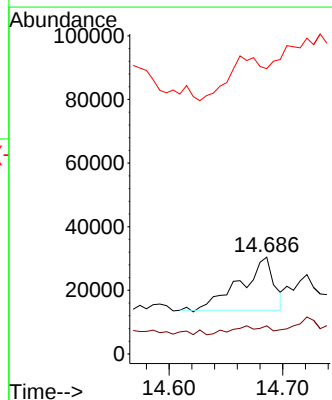
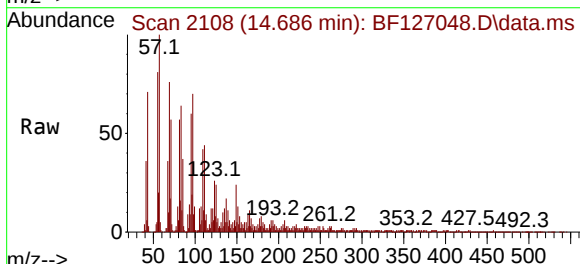
Instrument :
 BNA_F
 ClientSampleId :
 BP-3

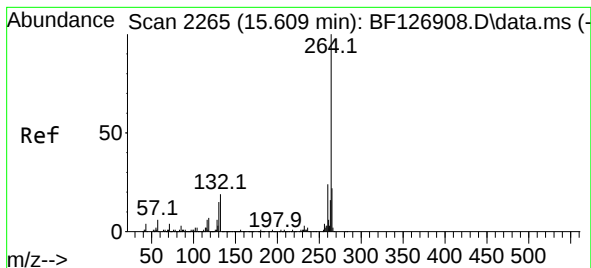
Tgt Ion:149 Resp: 53188
 Ion Ratio Lower Upper
 149 100
 167 30.3 21.4 32.2
 279 4.9 2.4 3.6#



#85
 Di-n-octyl phthalate
 Concen: 3.487 ng
 RT: 14.686 min Scan# 2108
 Delta R.T. 0.018 min
 Lab File: BF127048.D
 Acq: 23 Feb 2022 19:30

Tgt Ion:149 Resp: 34556
 Ion Ratio Lower Upper
 149 100
 167 17.5 1.1 1.7#
 43 0.0 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2189

Delta R.T. 0.029 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

Instrument :

BNA_F

ClientSampleId :

BP-3

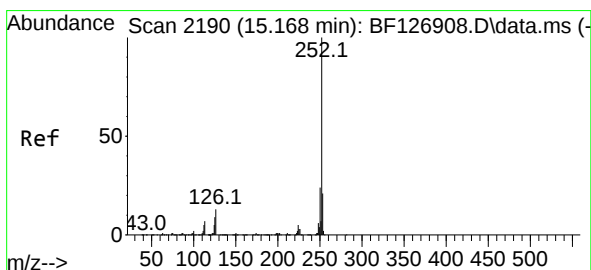
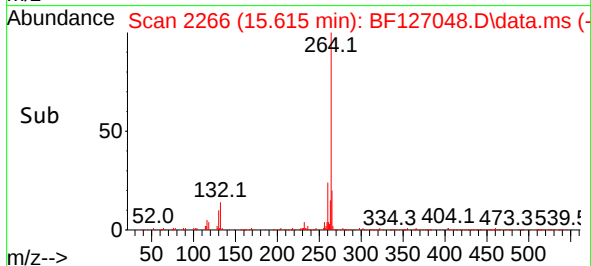
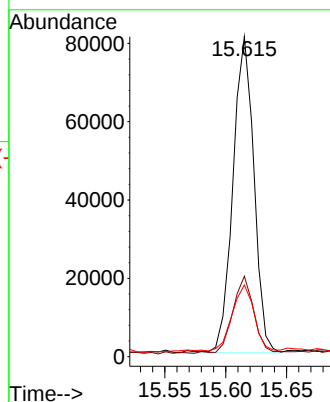
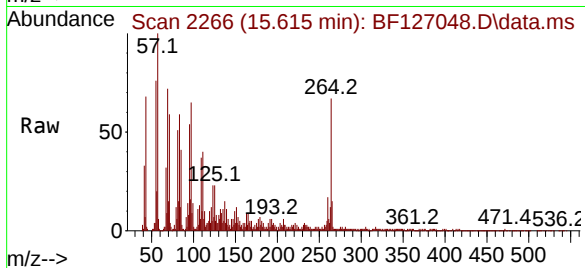
Tgt Ion:264 Resp: 96965

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.4 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 7.210 ng

RT: 15.162 min Scan# 2189

Delta R.T. 0.018 min

Lab File: BF127048.D

Acq: 23 Feb 2022 19:30

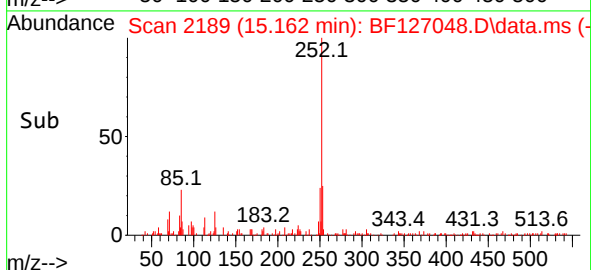
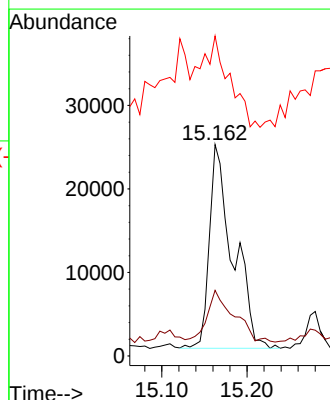
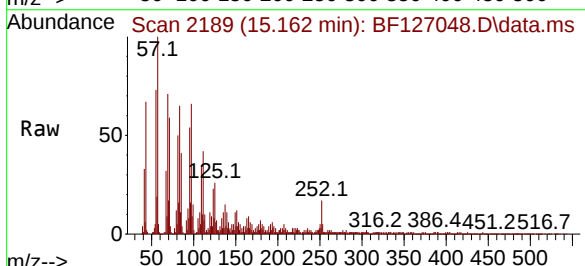
Tgt Ion:252 Resp: 46956

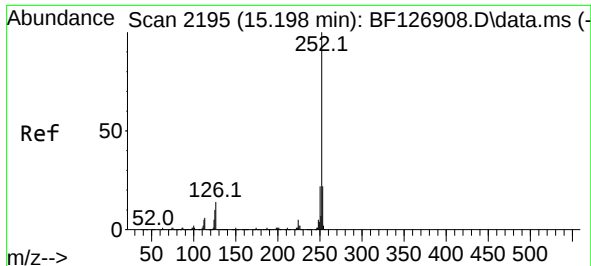
Ion Ratio Lower Upper

252 100

253 31.1 17.8 26.8#

125 151.4 12.4 18.6#

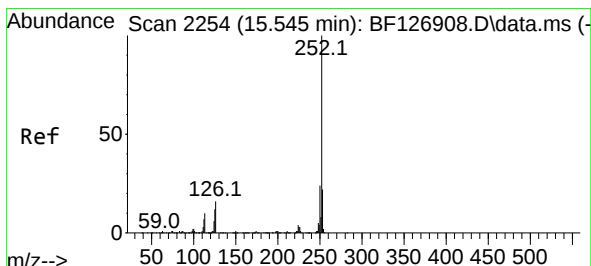
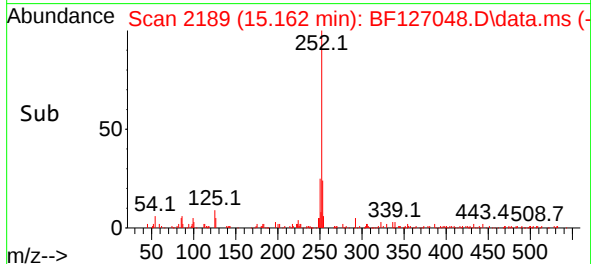
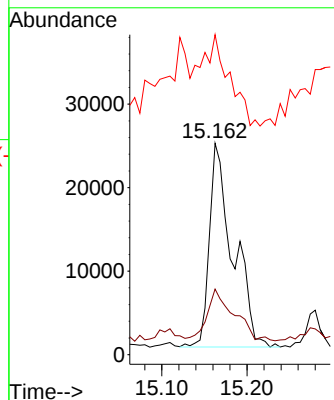
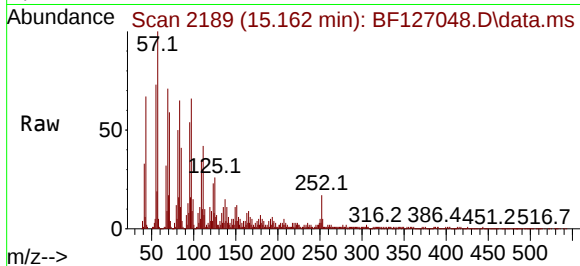




#89
Benzo(k)fluoranthene
Concen: 7.475 ng
RT: 15.162 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Instrument :
BNA_F
ClientSampleId :
BP-3

Tgt Ion:252 Resp: 46956
Ion Ratio Lower Upper
252 100
253 31.1 17.5 26.3#
125 151.4 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 4.148 ng
RT: 15.545 min Scan# 2254
Delta R.T. 0.024 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:252 Resp: 21101
Ion Ratio Lower Upper
252 100
253 30.5 17.1 25.7#
125 157.1 13.0 19.6#

