

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127218.D
 Acq On : 07 Mar 2022 12:32
 Operator : CG\JU
 Sample : N1751-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13

Quant Time: Mar 07 14:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

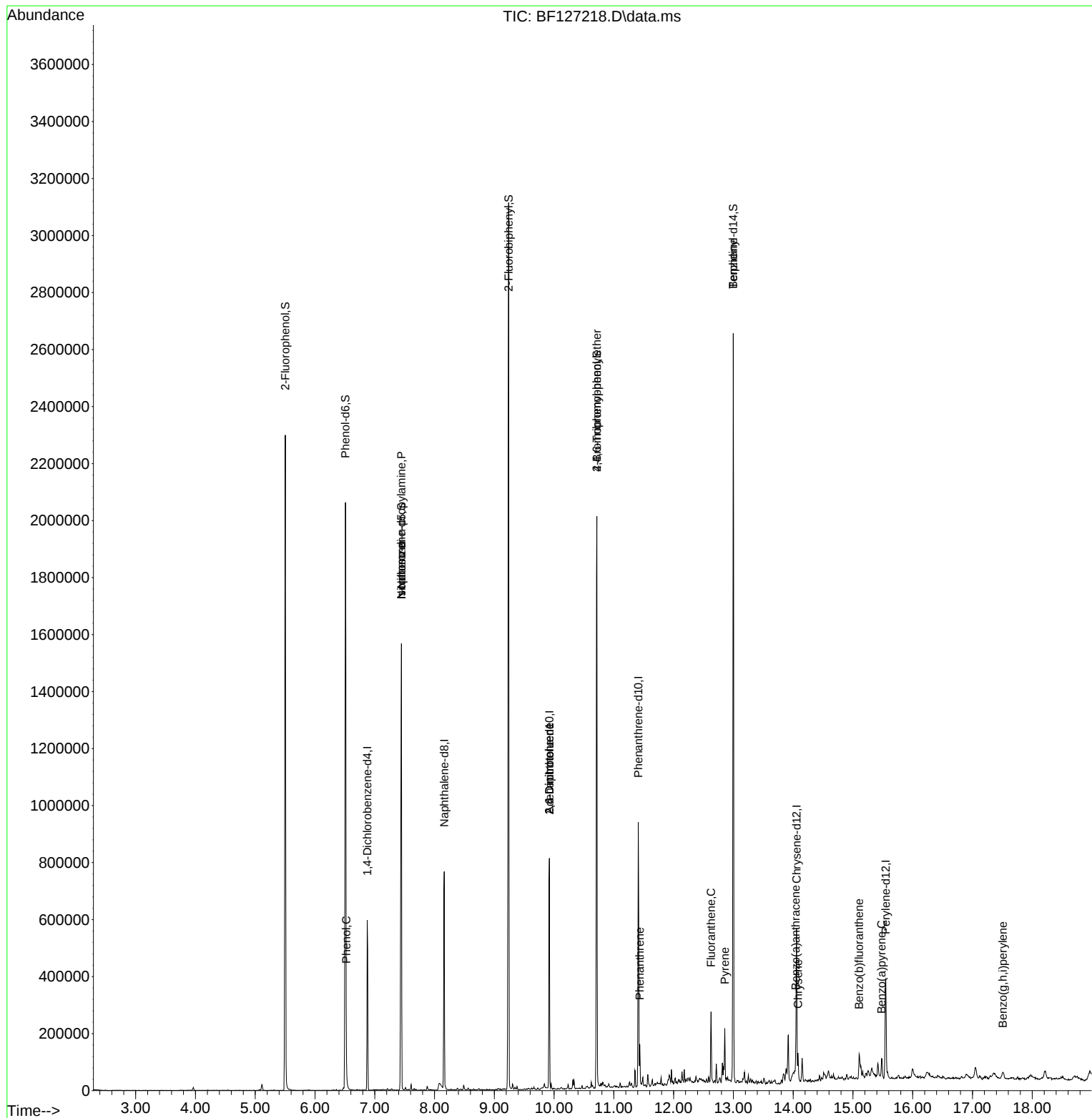
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77799	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	321590	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	156613	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	296191	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	141536	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	152262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	555095	110.277	ng	0.00
7) Phenol-d6	6.510	99	734187	108.093	ng	0.00
23) Nitrobenzene-d5	7.445	82	505767	70.988	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	242110	134.268	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	847711	79.684	ng	0.00
79) Terphenyl-d14	12.998	244	859823	89.304	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	19682	2.868	ng	# 68
19) n-Nitroso-di-n-propyla...	7.445	70	69675	15.920	ng	# 78
25) Isophorone	7.445	82	504046	42.754	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	20786	9.126	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	20786	6.750	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	14222	4.298	ng	# 1
71) Phenanthrene	11.433	178	43046	2.597	ng	99
75) Fluoranthene	12.627	202	79715	5.064	ng	93
77) Benzidine	12.998	184	13006	3.381	ng	97
78) Pyrene	12.857	202	67572	5.495	ng	99
81) Benzo(a)anthracene	14.045	228	35810	3.753	ng	98
83) Chrysene	14.080	228	32060	3.573	ng	96
88) Benzo(b)fluoranthene	15.104	252	60031	5.870	ng	# 94
90) Benzo(a)pyrene	15.480	252	32060	4.014	ng	# 92
92) Benzo(g,h,i)perylene	17.509	276	19072	2.343	ng	# 87

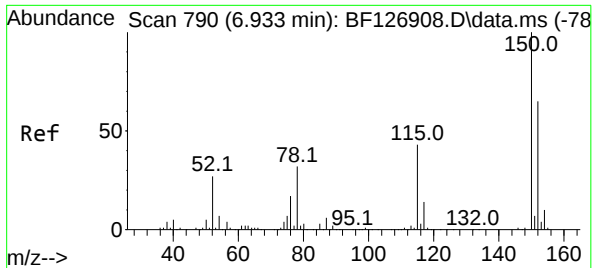
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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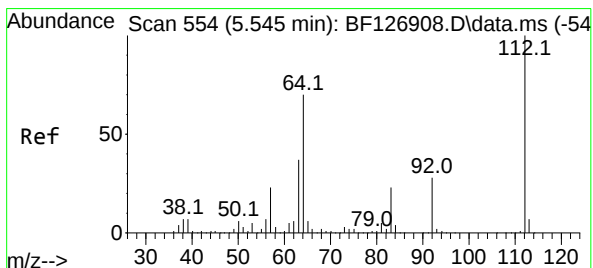
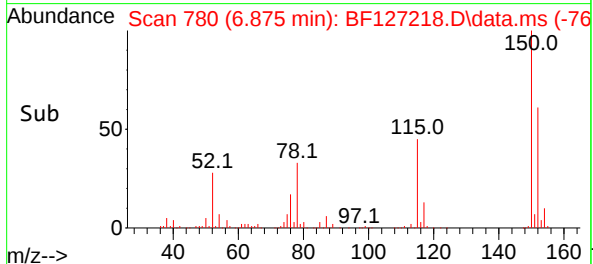
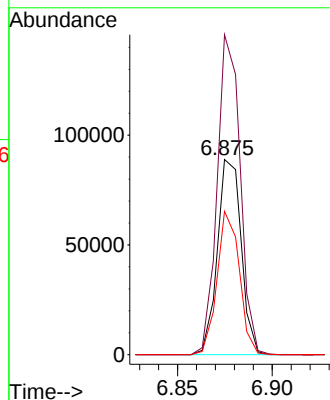
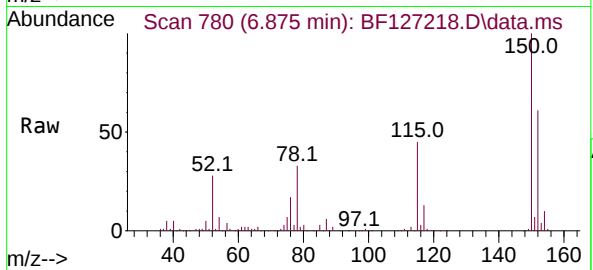




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127218.D
 Acq: 07 Mar 2022 12:32

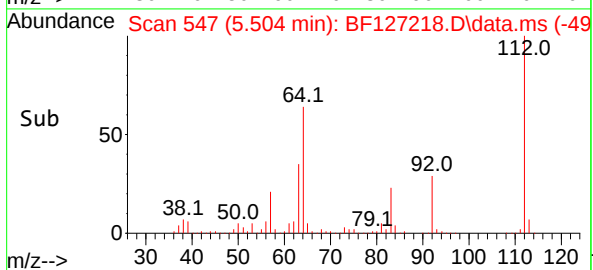
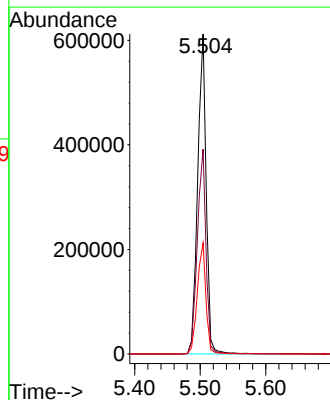
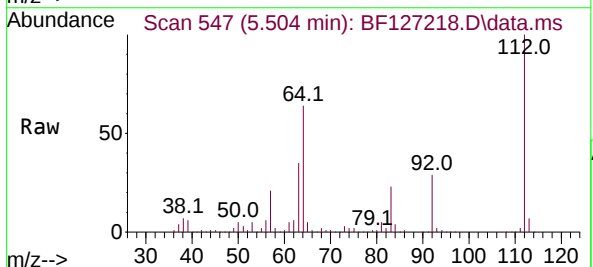
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13

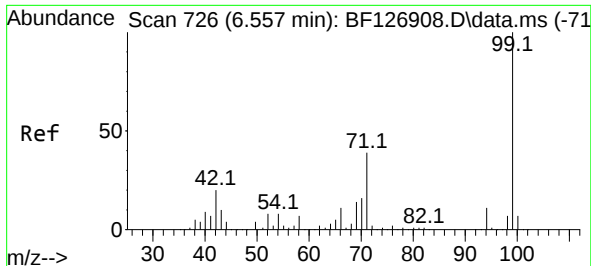
Tgt Ion:152 Resp: 77799
 Ion Ratio Lower Upper
 152 100
 150 163.9 128.1 192.1
 115 73.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 110.277 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF127218.D
 Acq: 07 Mar 2022 12:32

Tgt Ion:112 Resp: 555095
 Ion Ratio Lower Upper
 112 100
 64 64.0 49.5 74.3
 63 34.7 23.9 35.9

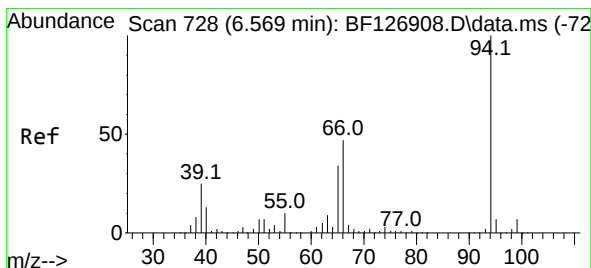
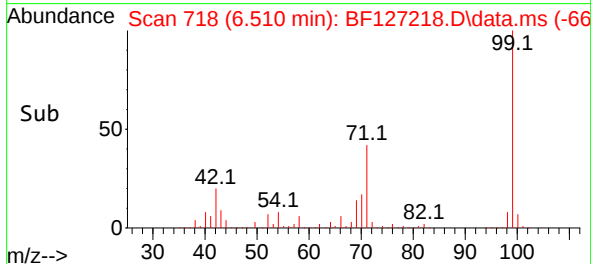
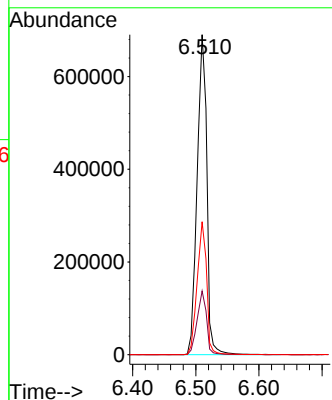
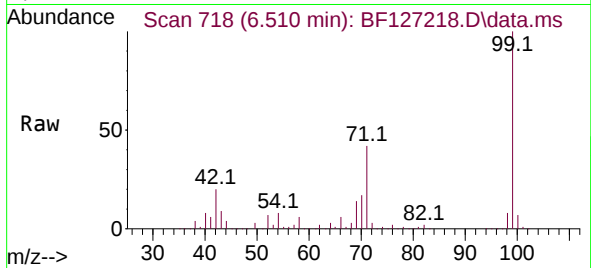




#7
Phenol-d6
Concen: 108.093 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

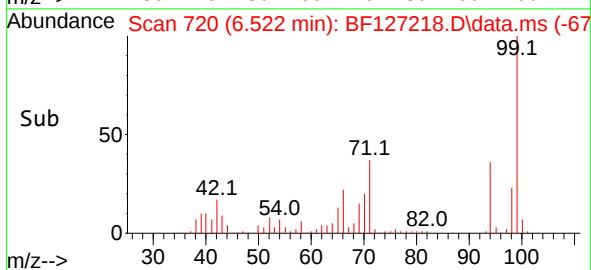
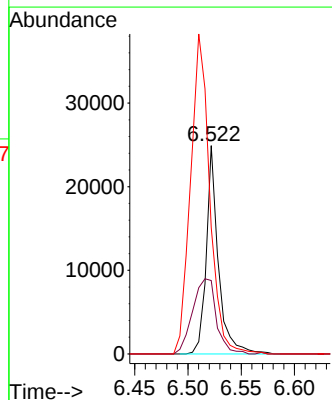
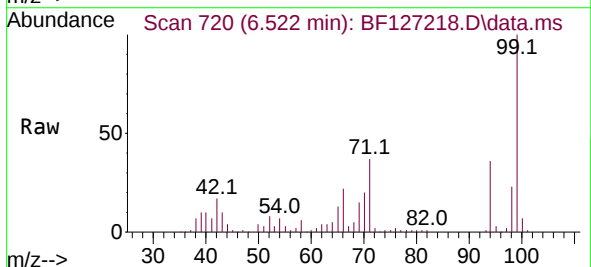
Instrument :
BNA_F
ClientSampleId :
DUM-13

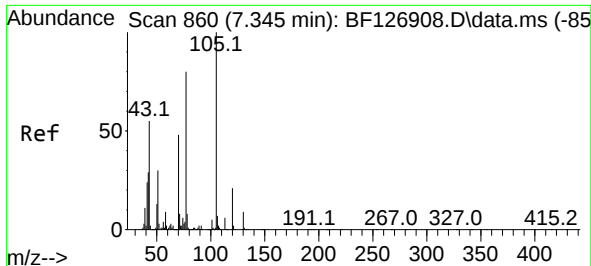
Tgt Ion: 99 Resp: 734187
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 41.6 24.3 36.5#



#10
Phenol
Concen: 2.868 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion: 94 Resp: 19682
Ion Ratio Lower Upper
94 100
65 35.3 7.2 47.2
66 60.6 14.5 54.5#



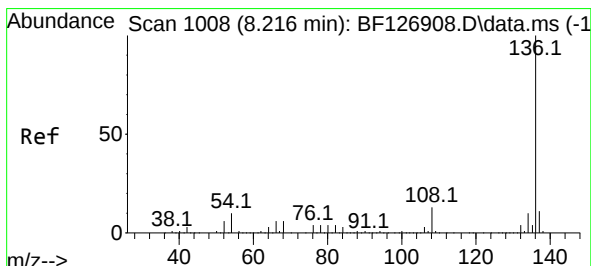
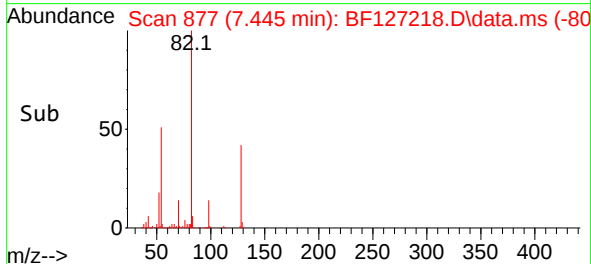
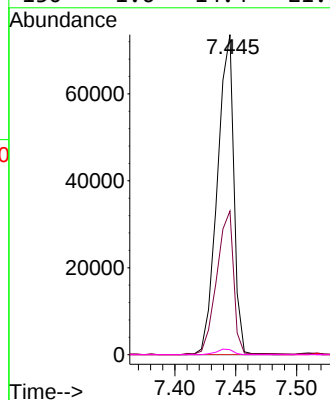
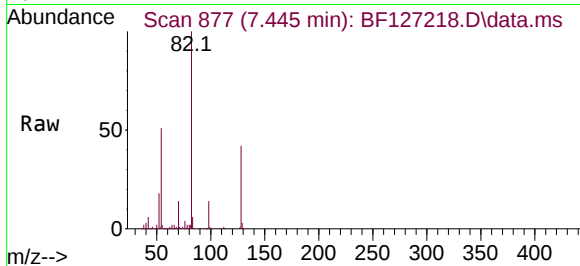


#19
n-Nitroso-di-n-propylamine
Concen: 15.920 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Instrument :
BNA_F
ClientSampleId :
DUM-13

Tgt Ion: 70 Resp: 69675

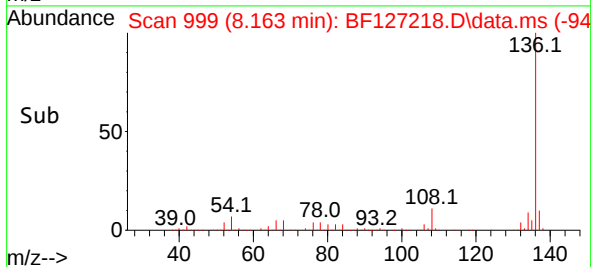
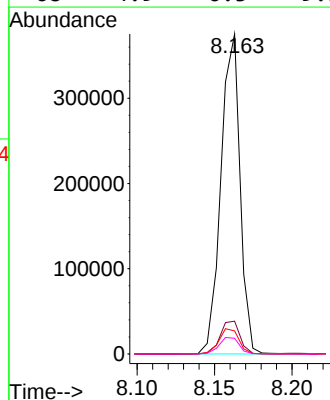
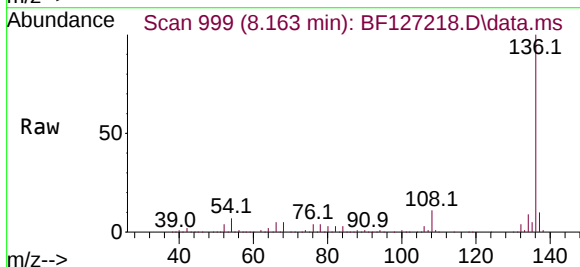
Ion	Ratio	Lower	Upper
70	100		
42	44.9	45.8	68.8#
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#

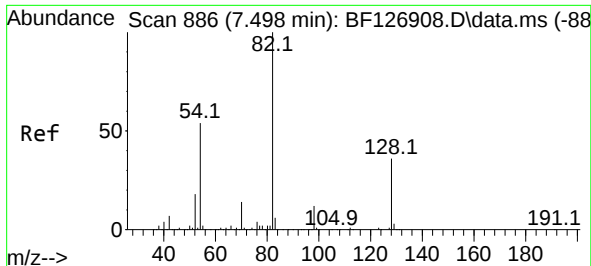


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion: 136 Resp: 321590

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	7.2	7.8	11.6#
68	4.9	6.3	9.5#





#23

Nitrobenzene-d5

Concen: 70.988 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

DUM-13

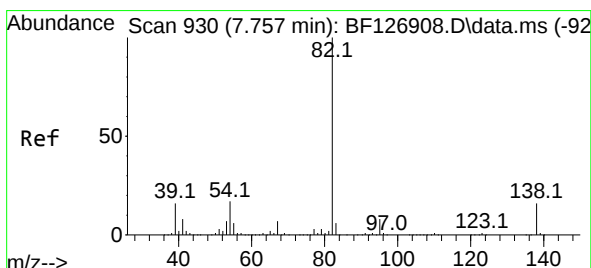
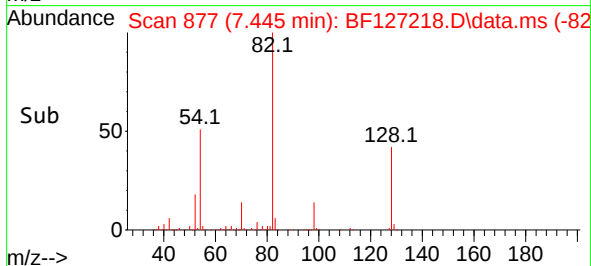
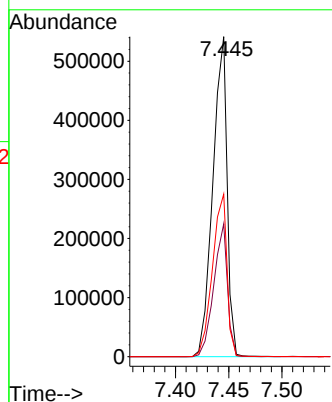
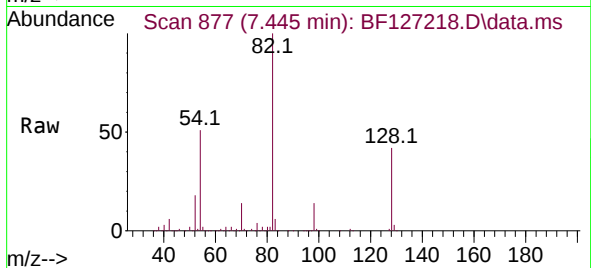
Tgt Ion: 82 Resp: 505767

Ion Ratio Lower Upper

82 100

128 41.5 32.7 49.1

54 50.8 41.7 62.5



#25

Isophorone

Concen: 42.754 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.259 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

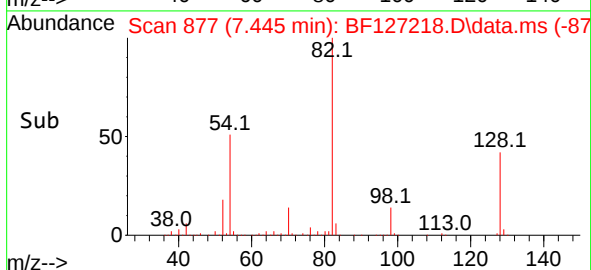
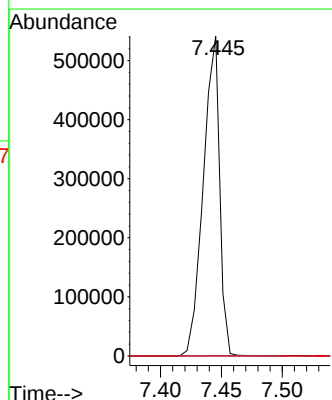
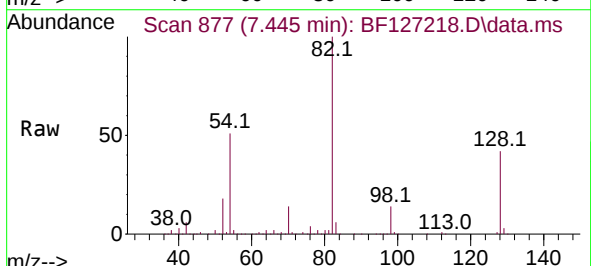
Tgt Ion: 82 Resp: 504046

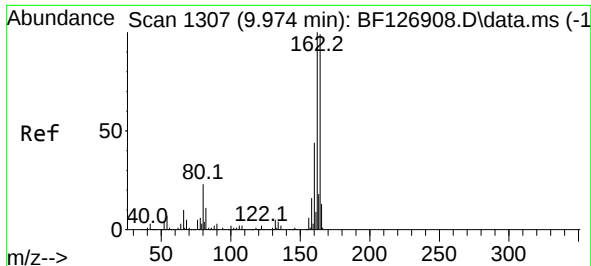
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

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DUM-13

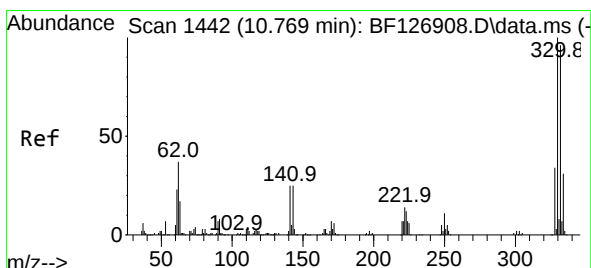
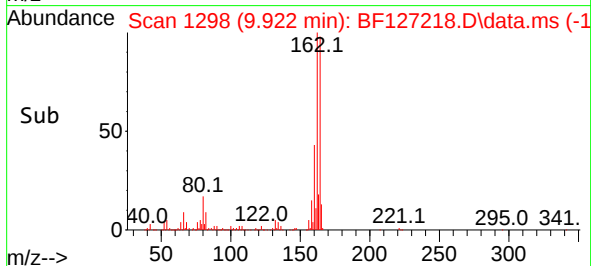
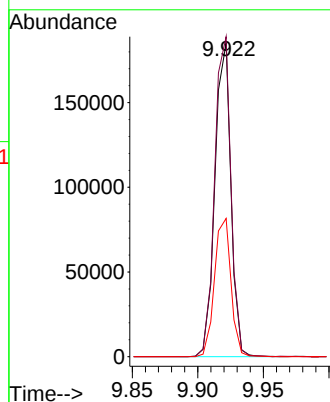
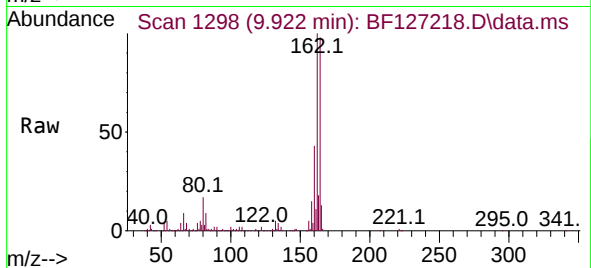
Tgt Ion:164 Resp: 156613

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 44.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 134.268 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

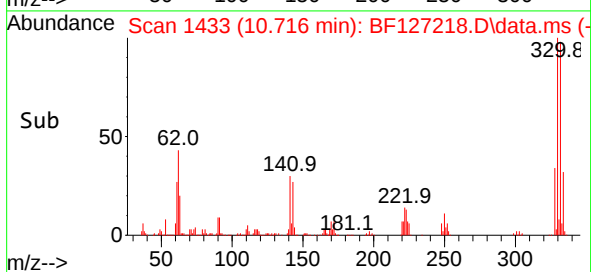
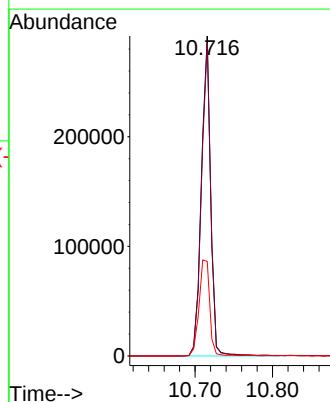
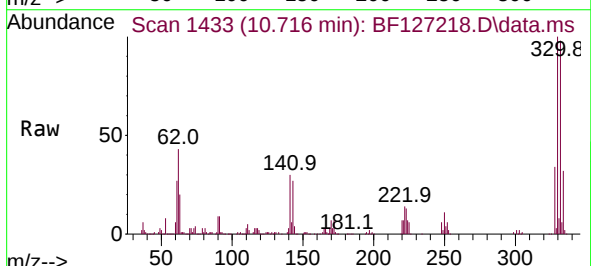
Tgt Ion:330 Resp: 242110

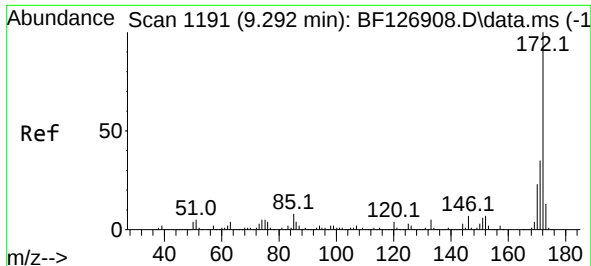
Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 34.6 30.1 45.1

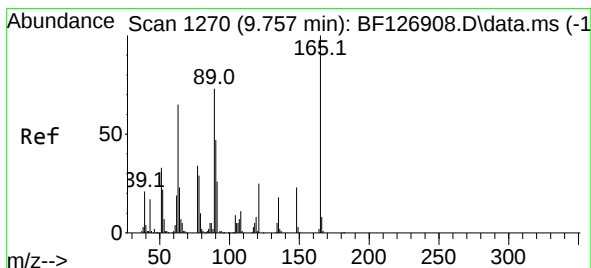
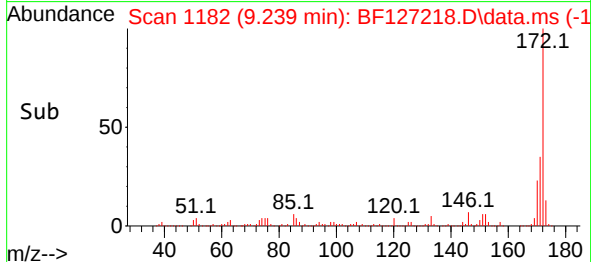
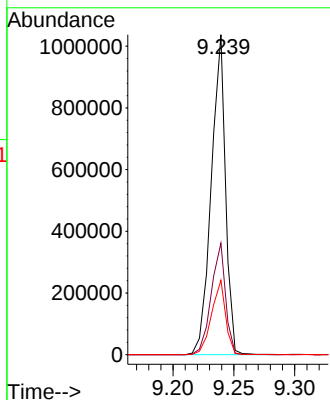
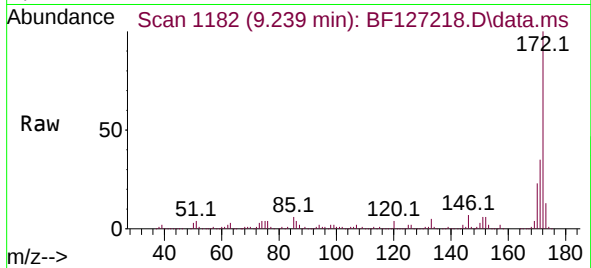




#45
2-Fluorobiphenyl
Concen: 79.684 ng
RT: 9.239 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

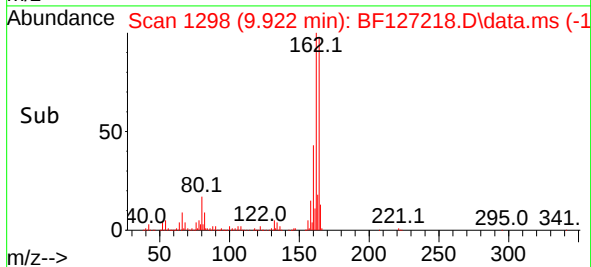
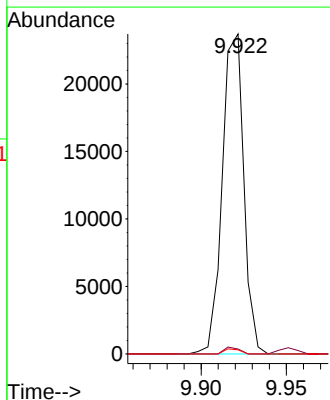
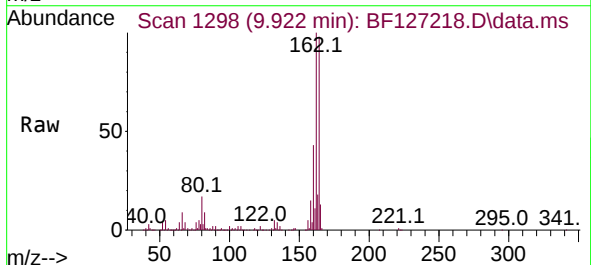
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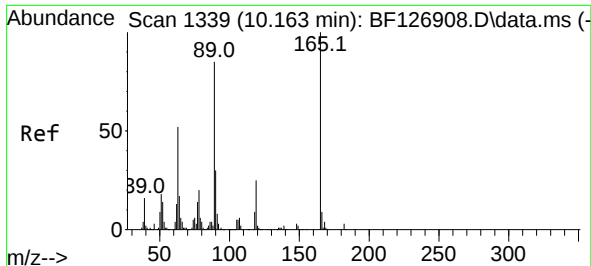
Tgt Ion:172 Resp: 847711
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.126 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion:165 Resp: 20786
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.3 50.5 75.7#

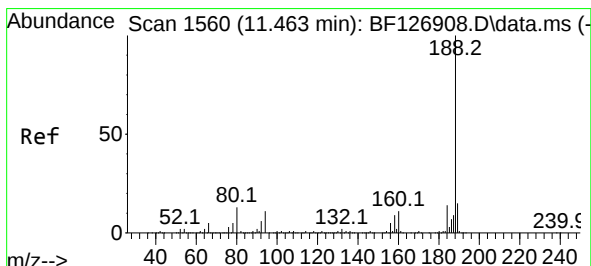
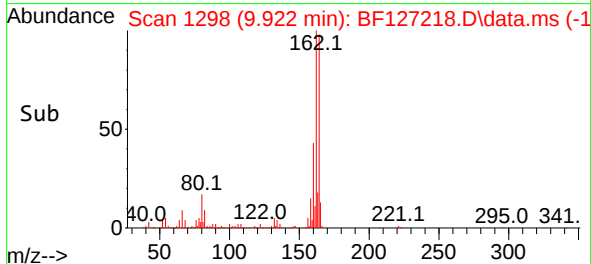
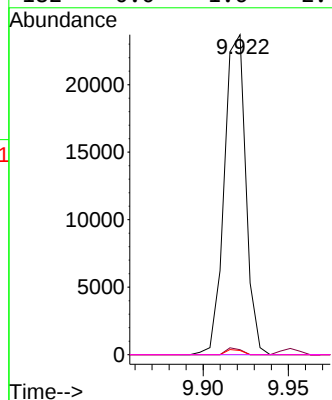
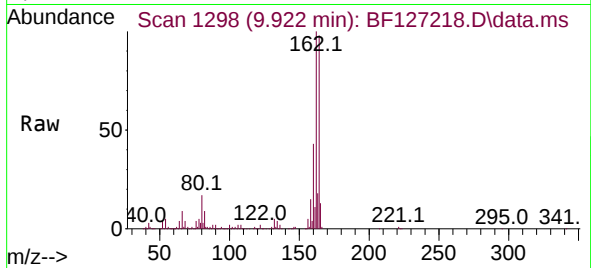




#57
2,4-Dinitrotoluene
Concen: 6.750 ng
RT: 9.922 min Scan# 1151
Delta R.T. -0.194 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

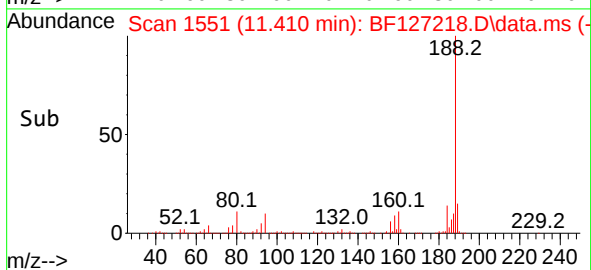
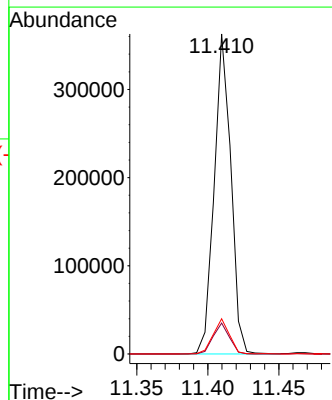
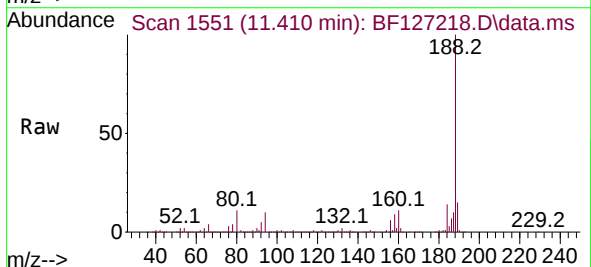
Instrument :
BNA_F
ClientSampleId :
DUM-13

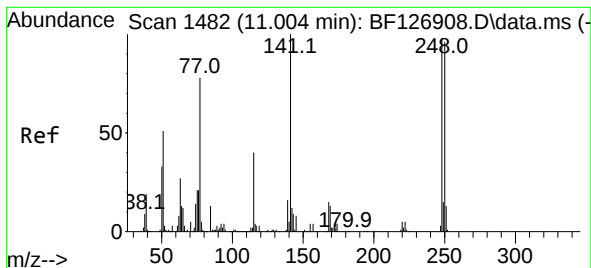
Tgt Ion:165 Resp: 20786
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion:188 Resp: 296191
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 11.0 11.8 17.6#

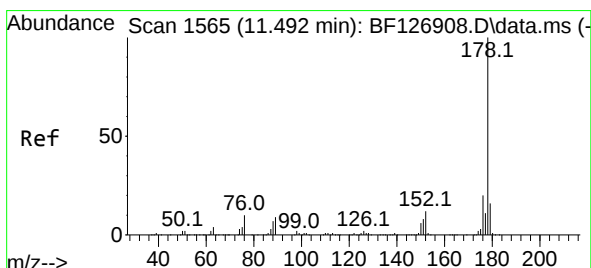
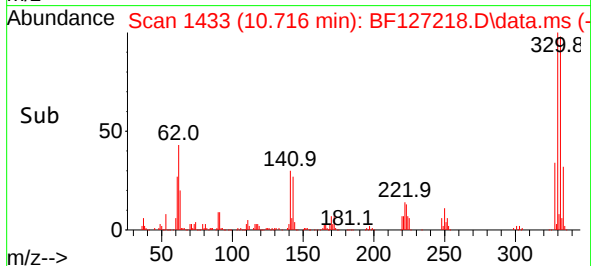
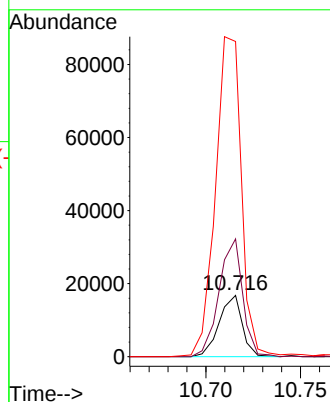
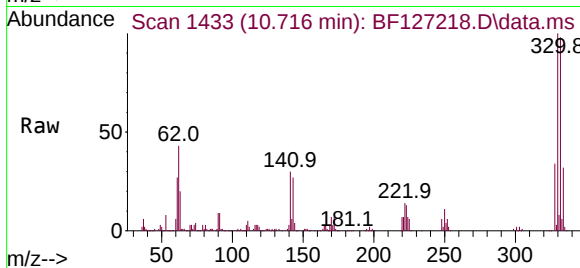




#67
4-Bromophenyl-phenylether
Concen: 4.298 ng
RT: 10.716 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

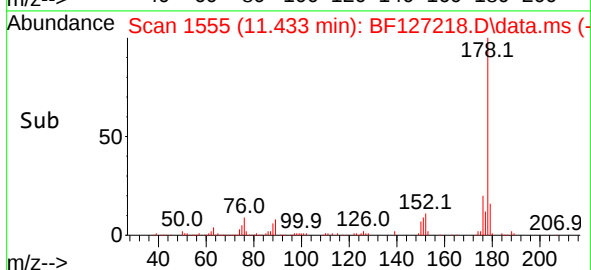
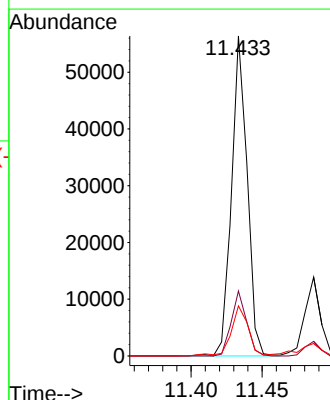
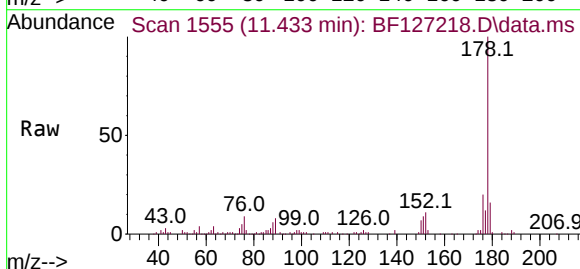
Instrument :
BNA_F
ClientSampleId :
DUM-13

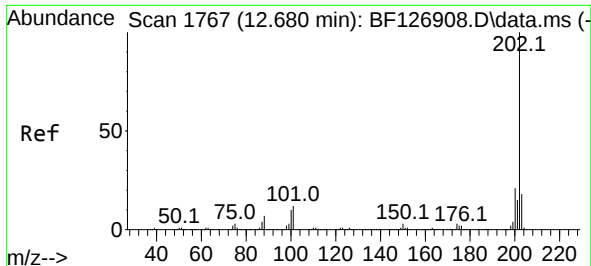
Tgt Ion:248 Resp: 14222
Ion Ratio Lower Upper
248 100
250 192.0 76.2 114.4#
141 514.1 66.2 99.4#



#71
Phenanthrene
Concen: 2.597 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion:178 Resp: 43046
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.7 12.3 18.5

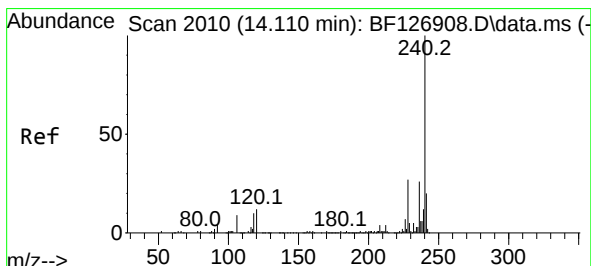
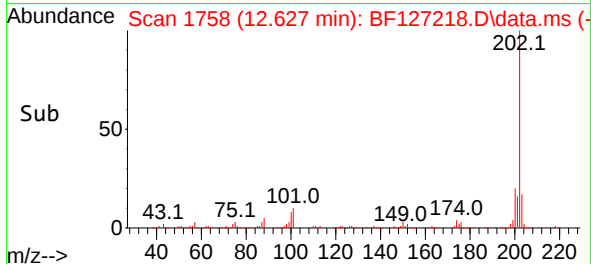
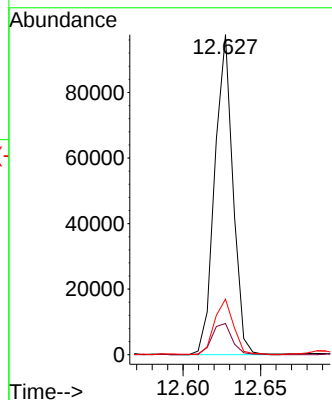
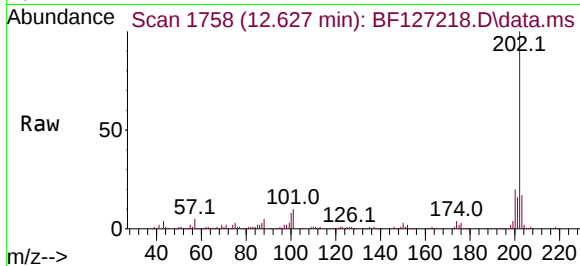




#75
Fluoranthene
Concen: 5.064 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

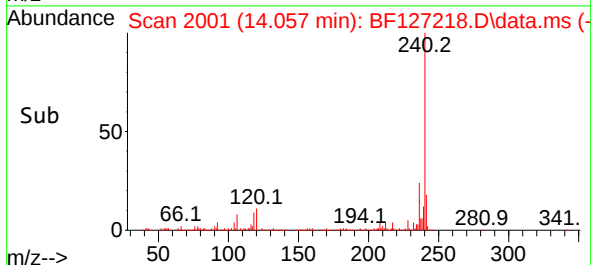
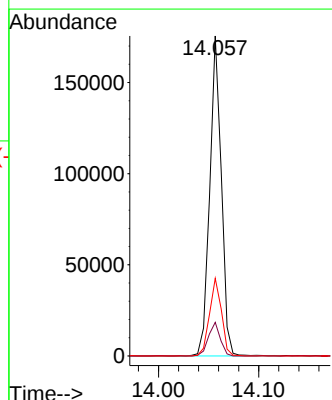
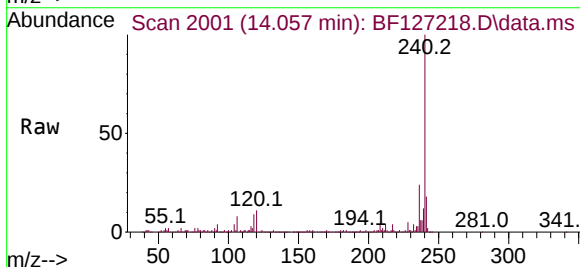
Instrument :
BNA_F
ClientSampleId :
DUM-13

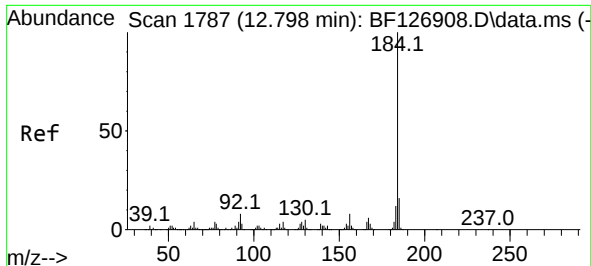
Tgt Ion:202 Resp: 79715
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion:240 Resp: 141536
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 24.2 20.5 30.7

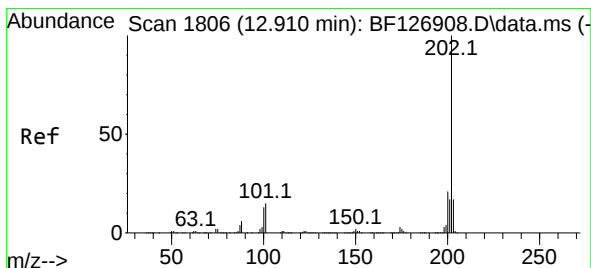
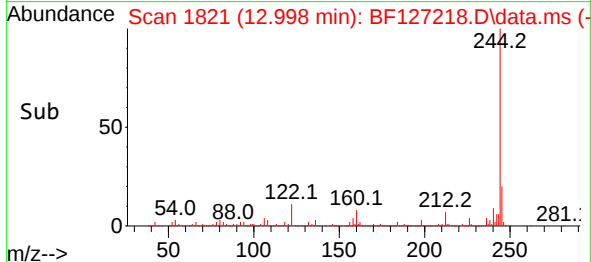
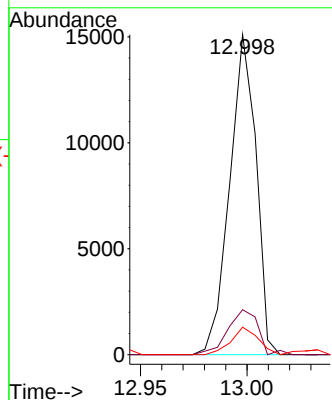
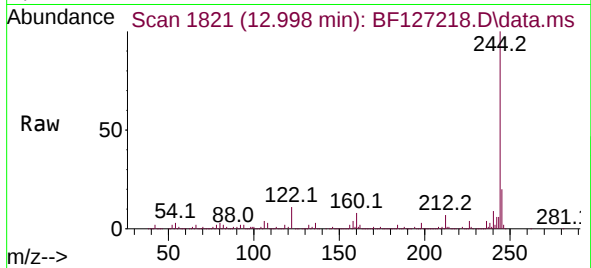




#77
Benzidine
Concen: 3.381 ng
RT: 12.998 min Scan# 1797
Delta R.T. 0.247 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

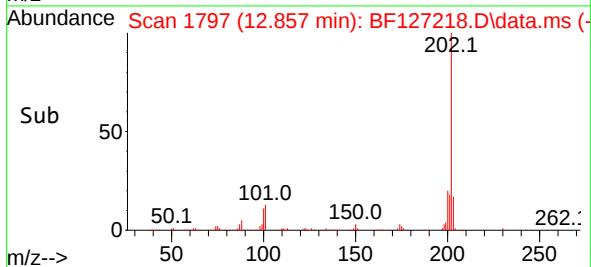
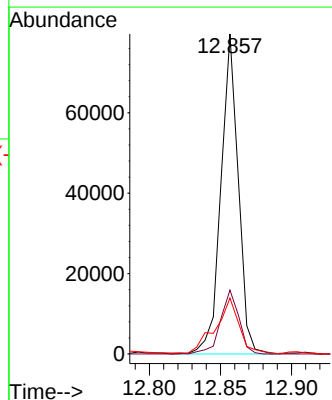
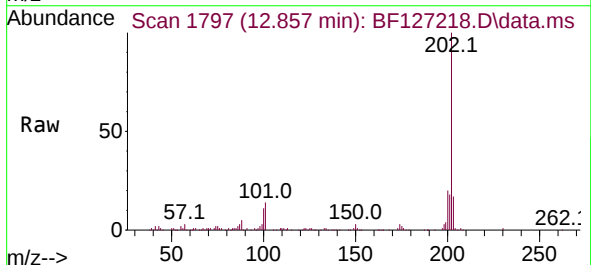
Instrument :
BNA_F
ClientSampleId :
DUM-13

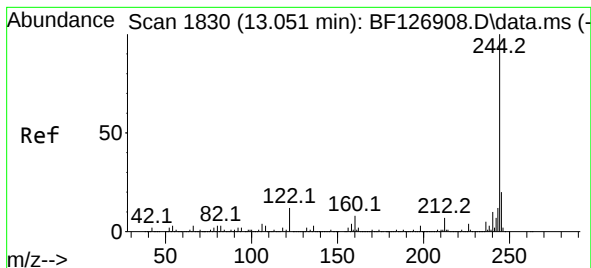
Tgt Ion:184 Resp: 13006
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 8.6 8.2 12.2



#78
Pyrene
Concen: 5.495 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion:202 Resp: 67572
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 89.304 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.000 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

DUM-13

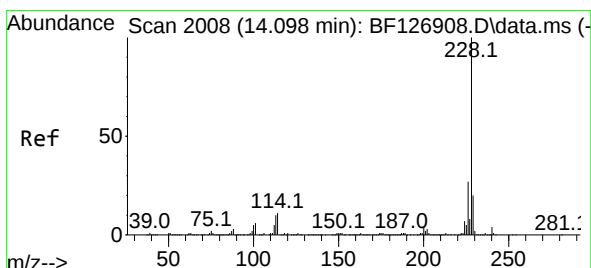
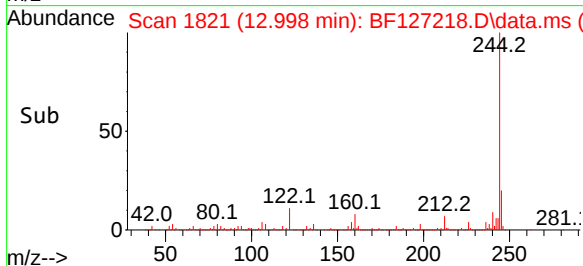
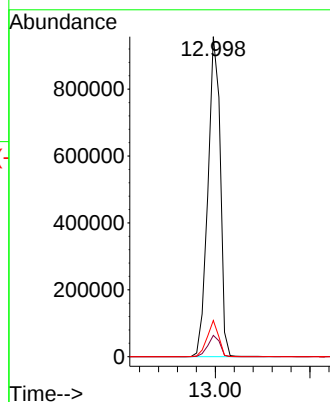
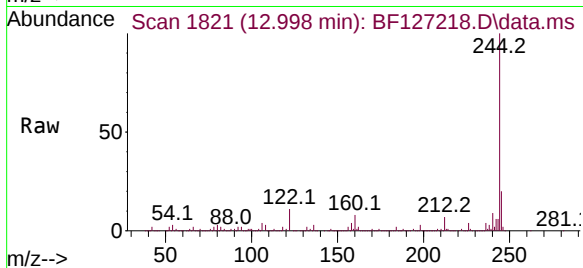
Tgt Ion:244 Resp: 859823

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 11.3 13.3 19.9#



#81

Benzo(a)anthracene

Concen: 3.753 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

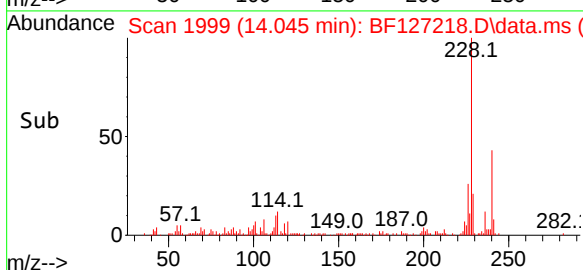
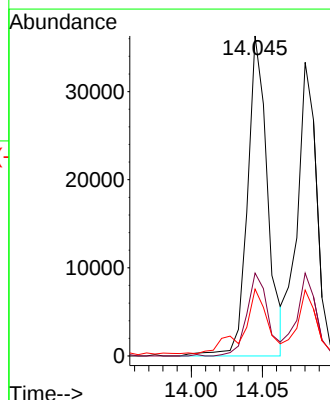
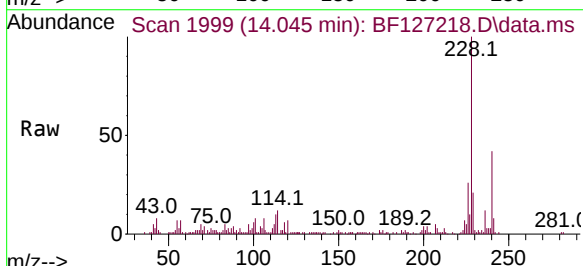
Tgt Ion:228 Resp: 35810

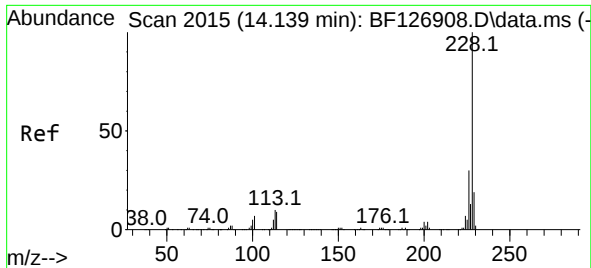
Ion Ratio Lower Upper

228 100

226 25.9 21.4 32.0

229 20.9 15.4 23.2





#83

Chrysene

Concen: 3.573 ng

RT: 14.080 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

DUM-13

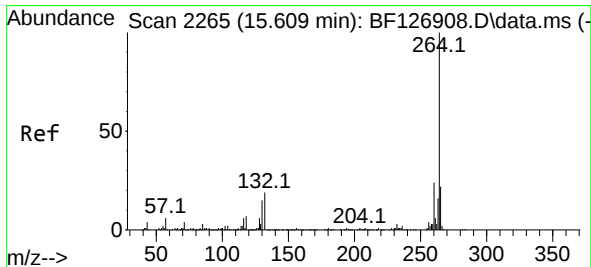
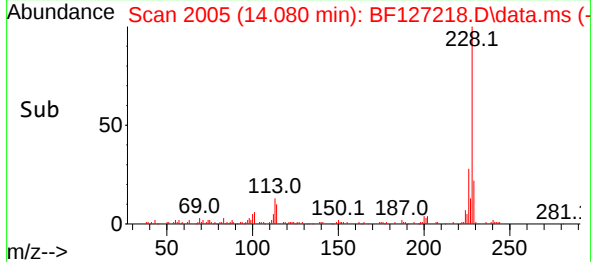
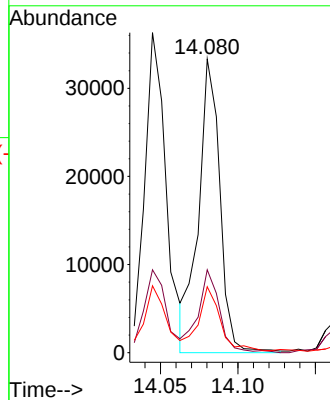
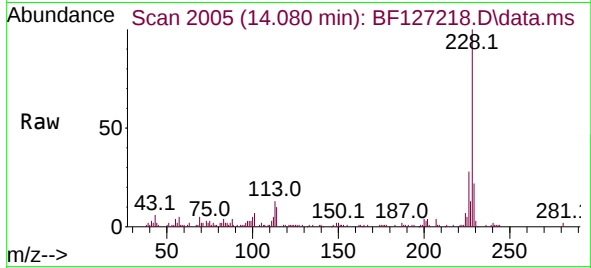
Tgt Ion:228 Resp: 32060

Ion Ratio Lower Upper

228 100

226 28.2 23.7 35.5

229 22.5 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF127218.D

Acq: 07 Mar 2022 12:32

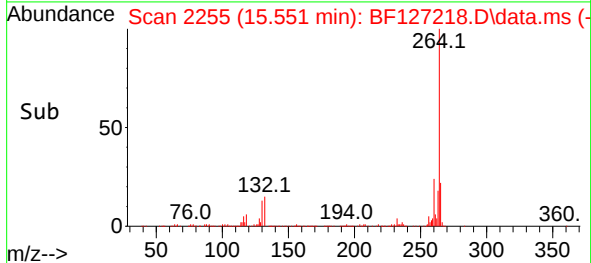
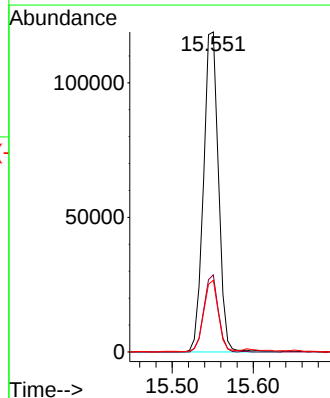
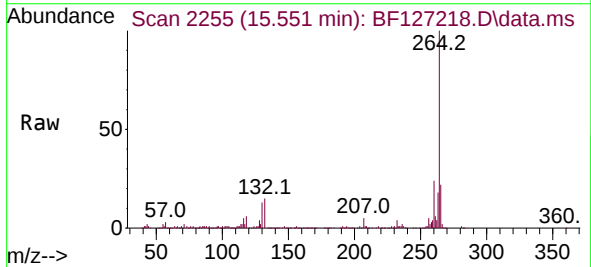
Tgt Ion:264 Resp: 152262

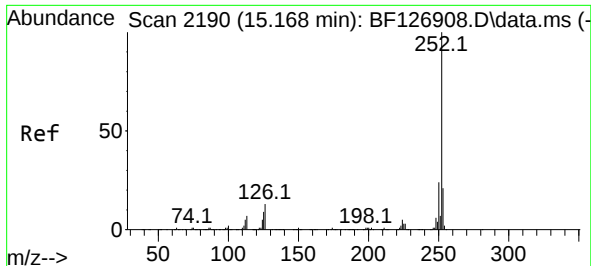
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.4 17.4 26.2

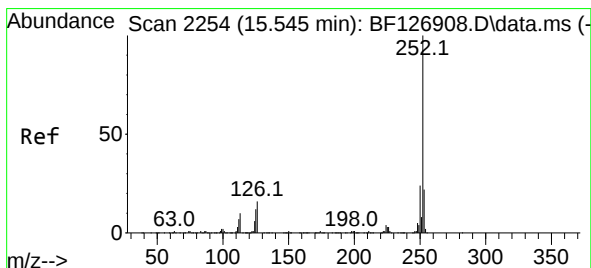
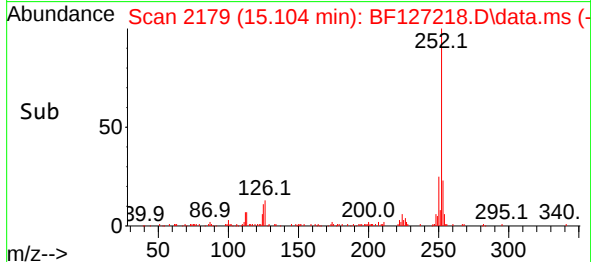
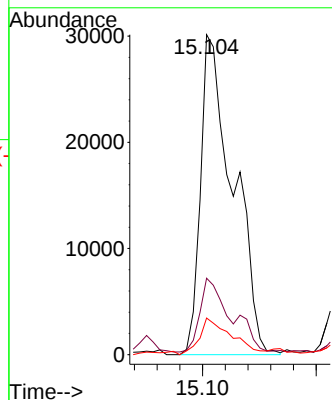
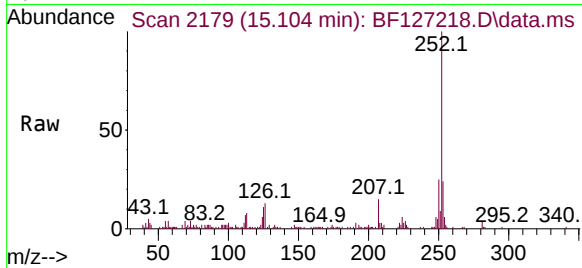




#88
Benzo(b)fluoranthene
Concen: 5.870 ng
RT: 15.104 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

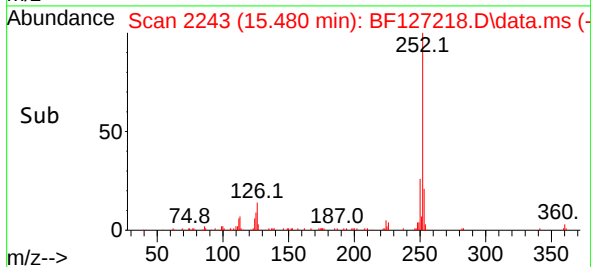
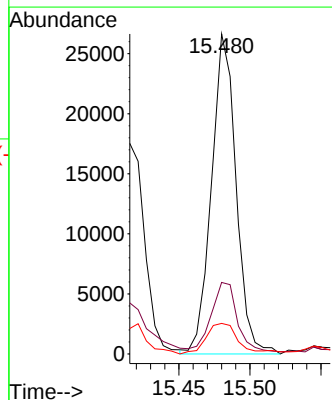
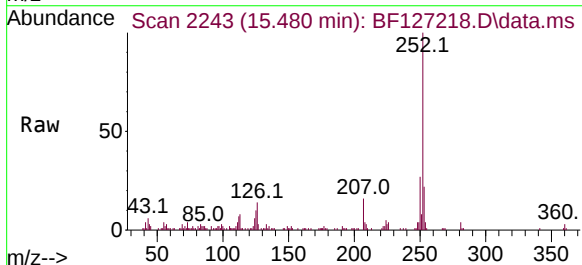
Instrument :
BNA_F
ClientSampleId :
DUM-13

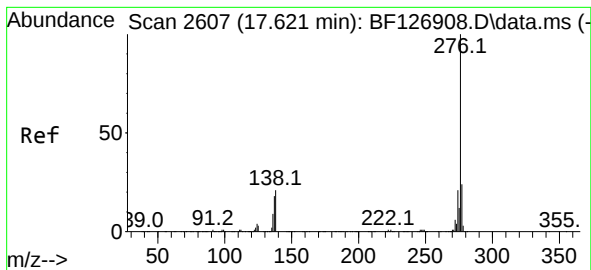
Tgt Ion:252 Resp: 60031
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 11.4 12.4 18.6#



#90
Benzo(a)pyrene
Concen: 4.014 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Tgt Ion:252 Resp: 32060
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.5 13.0 19.6#





#92

Benzo(g,h,i)perylene

Concen: 2.343 ng

RT: 17.509 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127218.D

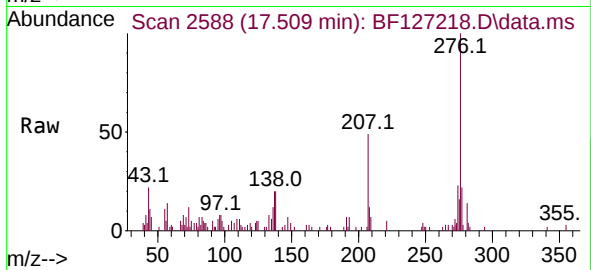
Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

DUM-13



Tgt Ion: 276 Resp: 19072

Ion Ratio Lower Upper

276 100

277 22.1 18.5 27.7

138 20.2 25.9 38.9#

