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 Data File : BF127966.D
 Acq On : 28 Apr 2022 01:09
 Operator : CG\JU
 Sample : N2560-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2827

Quant Time: Apr 28 05:18:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

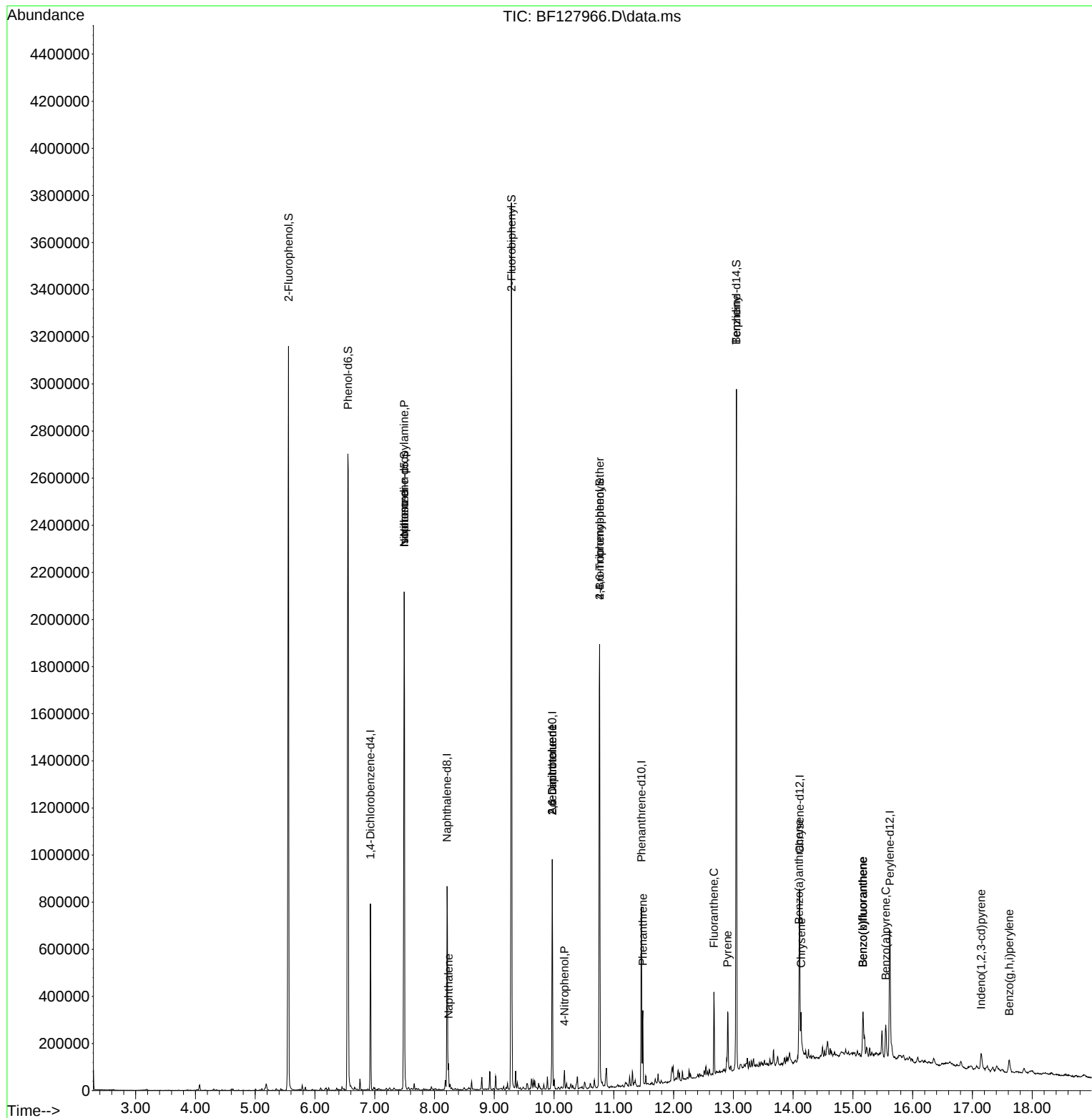
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	101340	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	377741	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	189714	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	284975	20.000	ng	0.00
76) Chrysene-d12	14.110	240	229607	20.000	ng	0.00
86) Perylene-d12	15.616	264	256266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	815139	128.117	ng	0.00
7) Phenol-d6	6.551	99	1054037	127.674	ng	-0.01
23) Nitrobenzene-d5	7.492	82	776236	96.632	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	220853	115.642	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1172169	104.526	ng	0.00
79) Terphenyl-d14	13.051	244	952859	75.885	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	105280	20.832	ng	# 80
25) Isophorone	7.492	82	774203	57.264	ng	# 68
31) Naphthalene	8.234	128	38506	2.001	ng	98
51) 2,6-Dinitrotoluene	9.969	165	25155	9.132	ng	# 22
56) 4-Nitrophenol	10.175	139	9981	4.273	ng	# 3
57) 2,4-Dinitrotoluene	9.969	165	25155	6.894	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	14453	4.575	ng	# 1
71) Phenanthrene	11.486	178	112848	7.565	ng	99
75) Fluoranthene	12.675	202	127267	8.106	ng	99
77) Benzidine	13.051	184	14057	3.236	ng	95
78) Pyrene	12.904	202	103728	5.596	ng	97
81) Benzo(a)anthracene	14.098	228	64053	4.185	ng	97
83) Chrysene	14.133	228	65877	4.507	ng	96
87) Indeno(1,2,3-cd)pyrene	17.145	276	47288	2.765	ng	97
88) Benzo(b)fluoranthene	15.168	252	132856	8.254	ng	# 96
89) Benzo(k)fluoranthene	15.168	252	132856	8.193	ng	# 95
90) Benzo(a)pyrene	15.551	252	69935	5.238	ng	99
92) Benzo(g,h,i)perylene	17.615	276	42905	2.968	ng	98

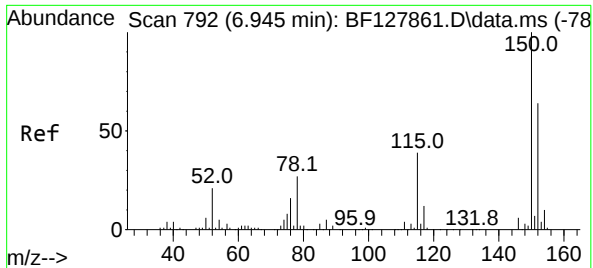
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127966.D
Acq On : 28 Apr 2022 01:09
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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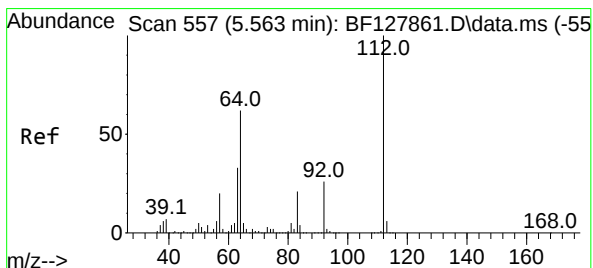
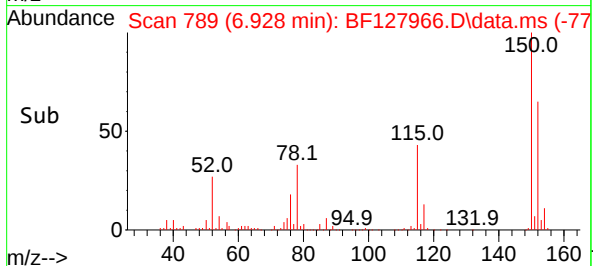
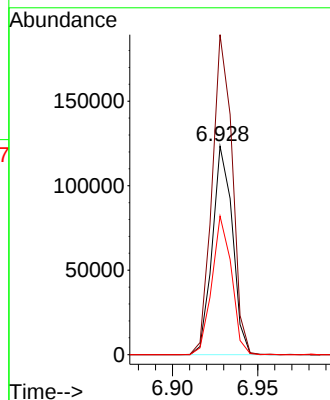
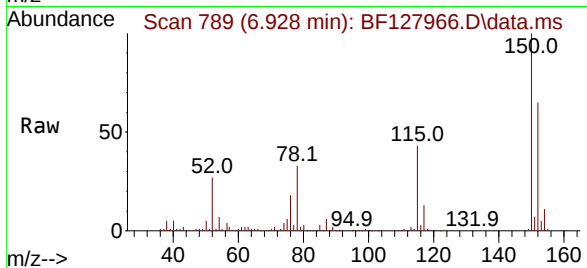




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

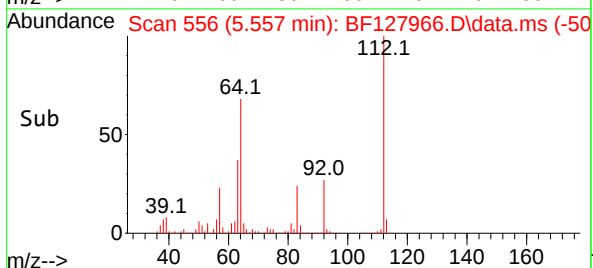
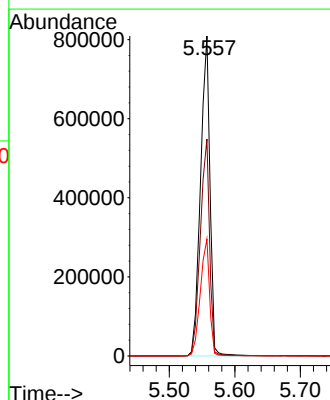
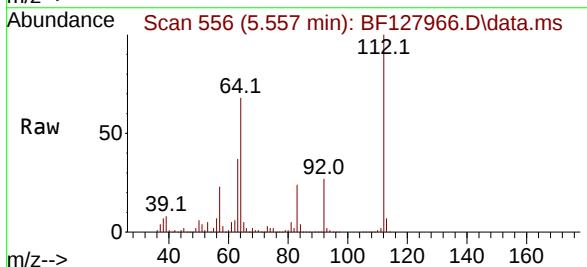
Instrument :
BNA_F
ClientSampleId :
2827

Tgt Ion:152 Resp: 101340
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 66.4 48.8 73.2



#5
2-Fluorophenol
Concen: 128.117 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:112 Resp: 815139
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 36.6 26.3 39.5

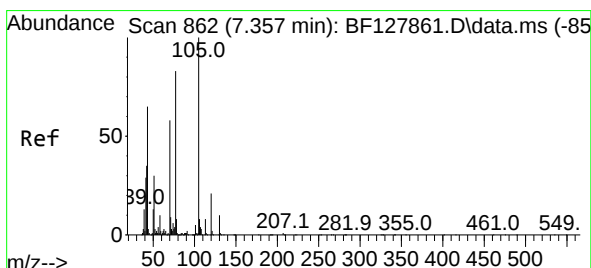
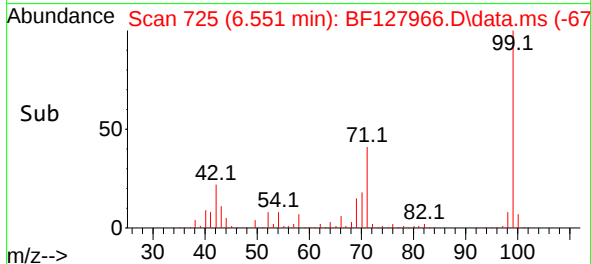
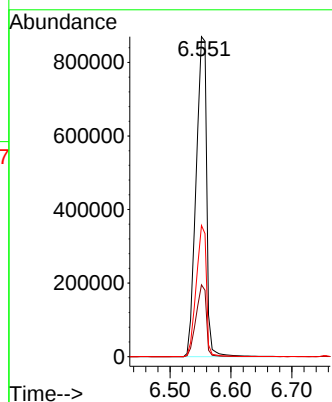
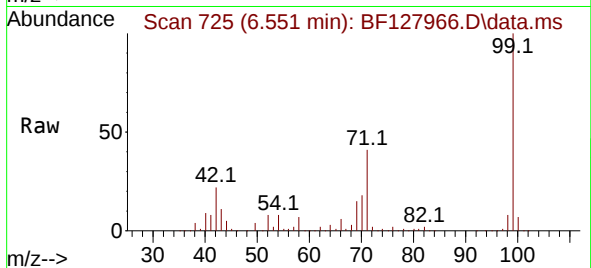




#7
Phenol-d6
Concen: 127.674 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

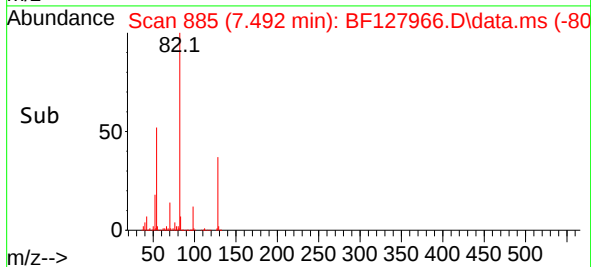
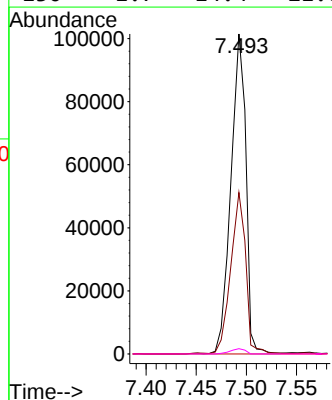
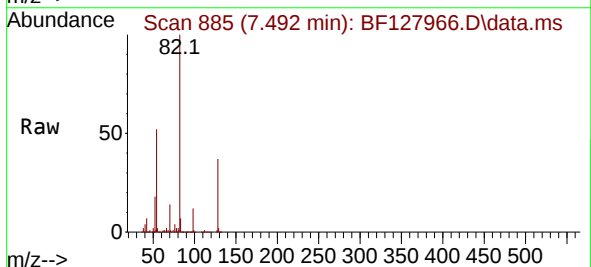
Instrument :
BNA_F
ClientSampleId :
2827

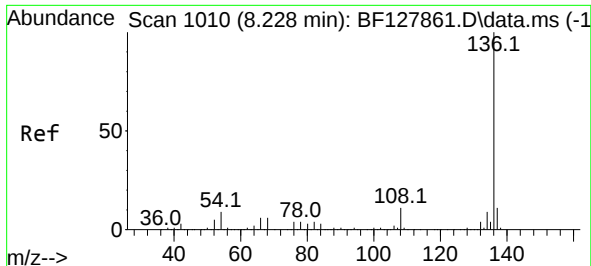
Tgt Ion: 99 Resp: 1054037
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.832 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion: 70 Resp: 105280
Ion Ratio Lower Upper
70 100
42 50.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



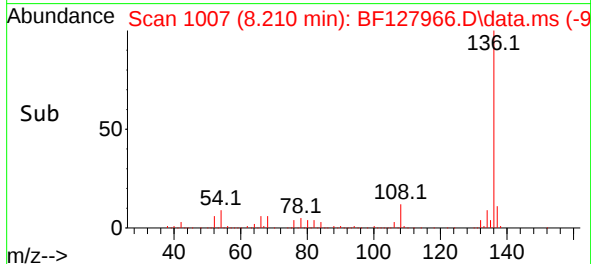
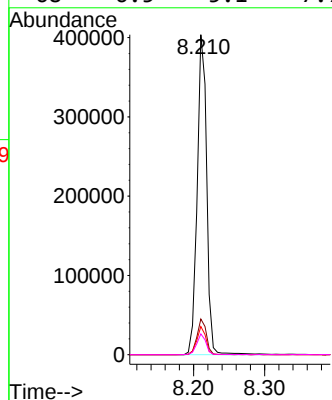
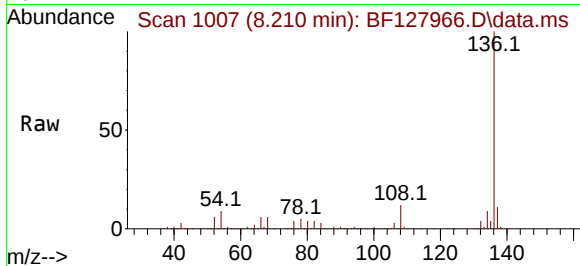


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Instrument :
BNA_F
ClientSampleId :
2827

Tgt Ion:136 Resp: 377741

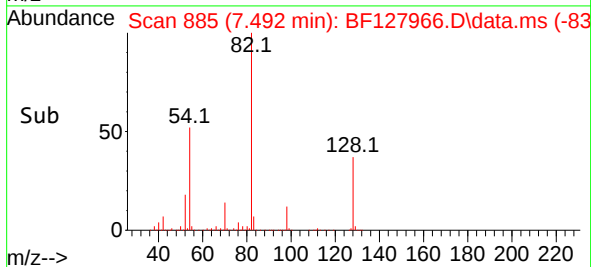
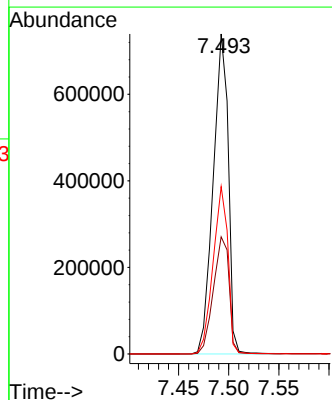
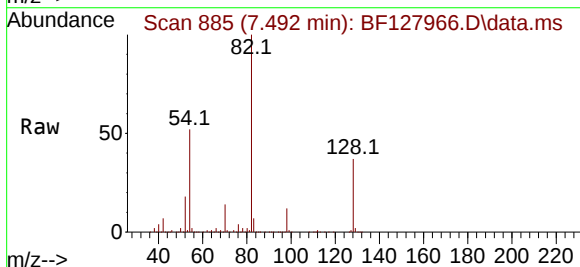
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.8	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 96.632 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion: 82 Resp: 776236

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	52.3	41.3	61.9

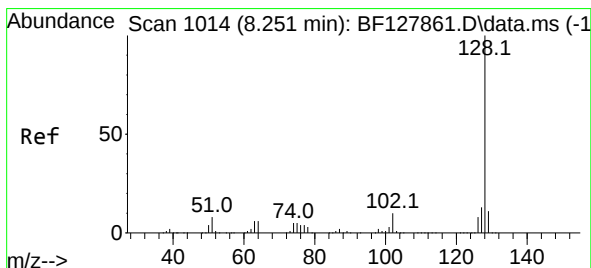
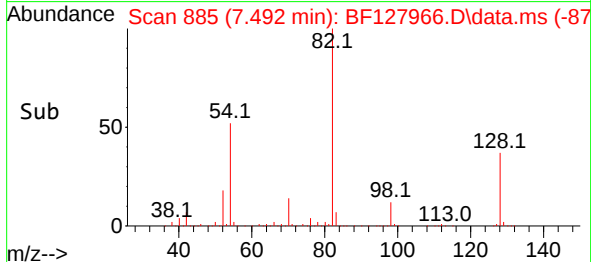
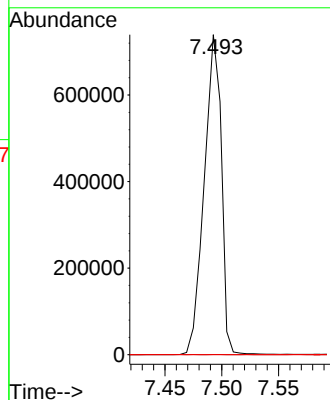
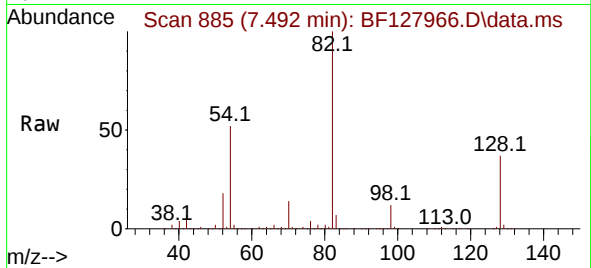




#25
Isophorone
Concen: 57.264 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

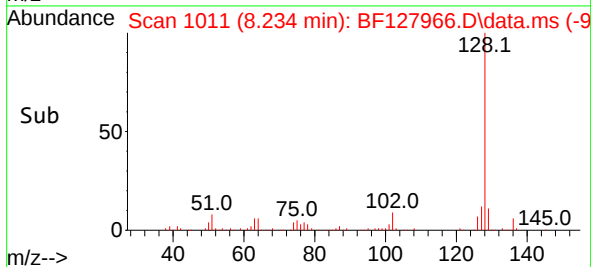
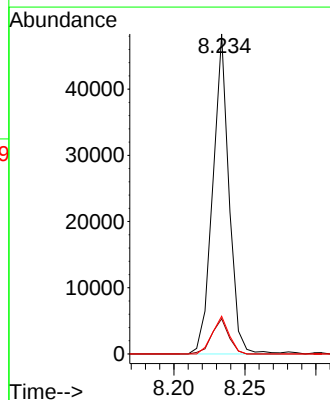
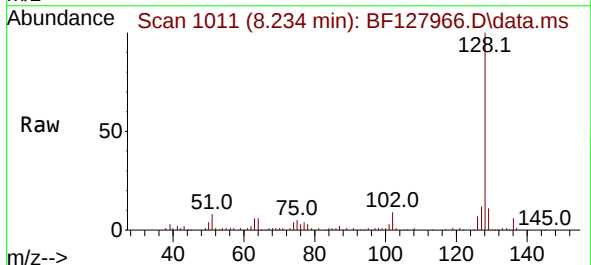
Instrument :
BNA_F
ClientSampleId :
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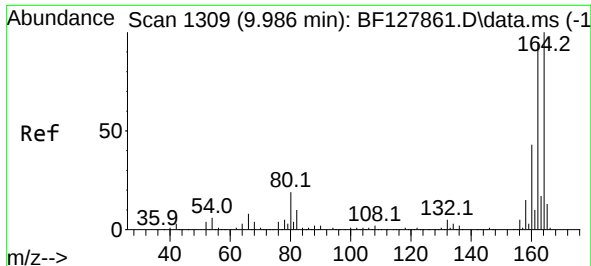
Tgt Ion: 82 Resp: 774203
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 2.001 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion: 128 Resp: 38506
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 11.8 10.6 16.0

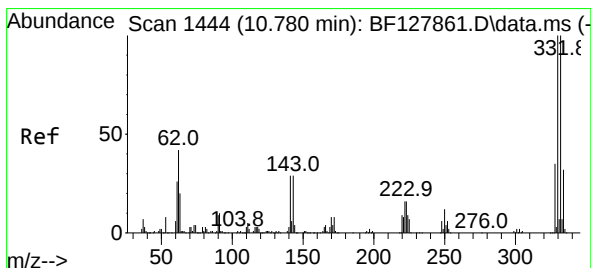
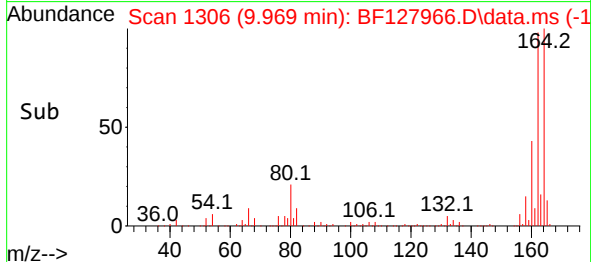
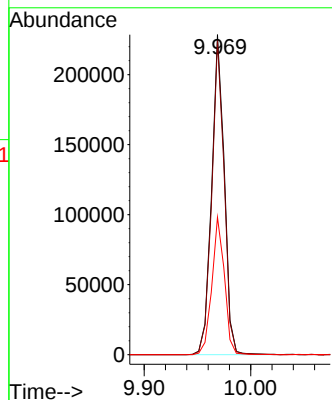
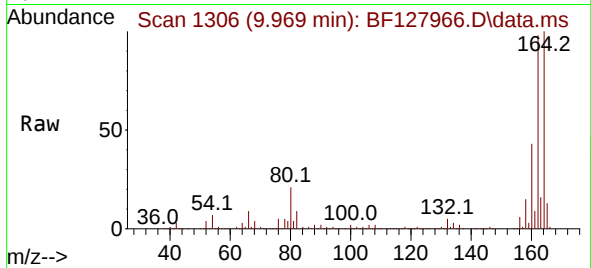




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

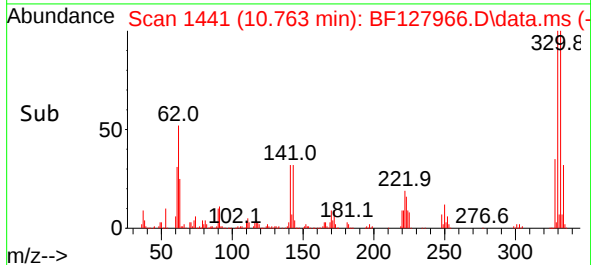
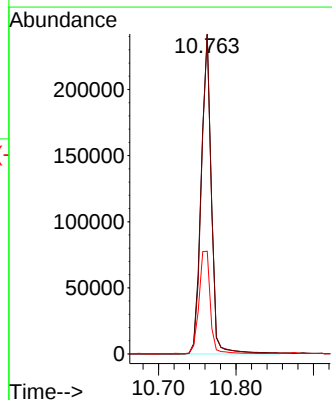
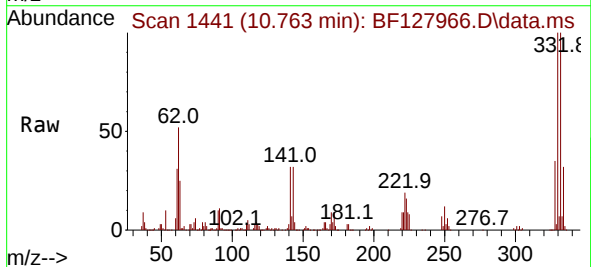
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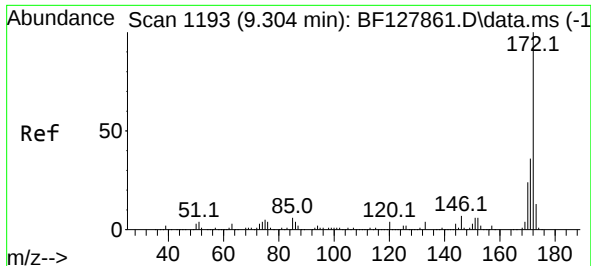
Tgt Ion:164 Resp: 189714
Ion Ratio Lower Upper
164 100
162 98.1 76.0 114.0
160 43.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 115.642 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:330 Resp: 220853
Ion Ratio Lower Upper
330 100
332 98.8 79.0 118.4
141 36.3 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 104.526 ng

RT: 9.287 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127966.D

Acq: 28 Apr 2022 01:09

Instrument :

BNA_F

ClientSampleId :

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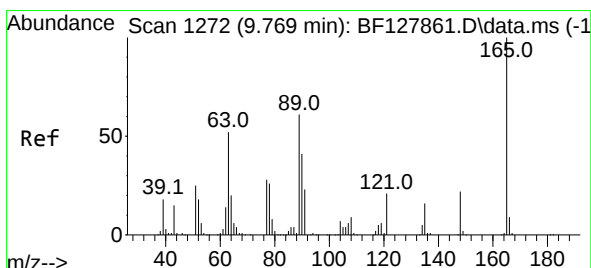
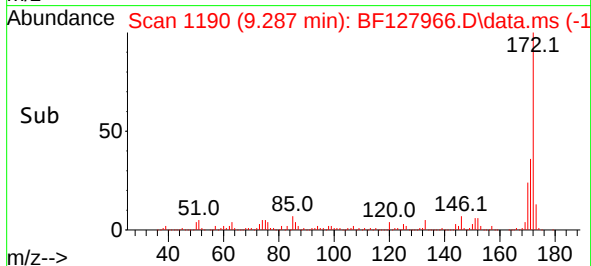
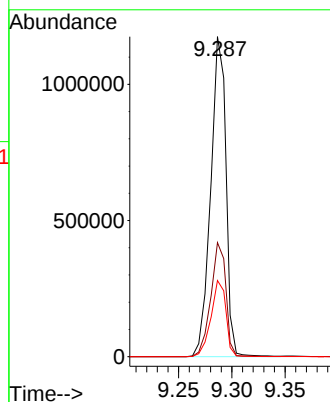
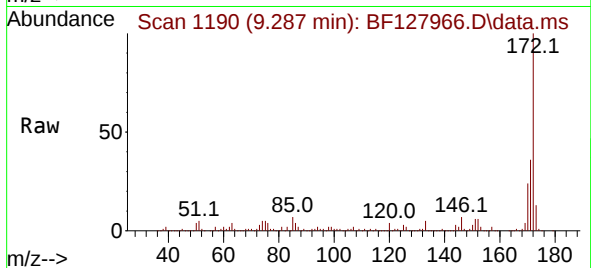
Tgt Ion:172 Resp: 1172169

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.132 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.206 min

Lab File: BF127966.D

Acq: 28 Apr 2022 01:09

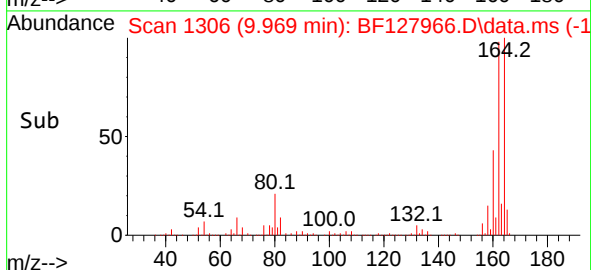
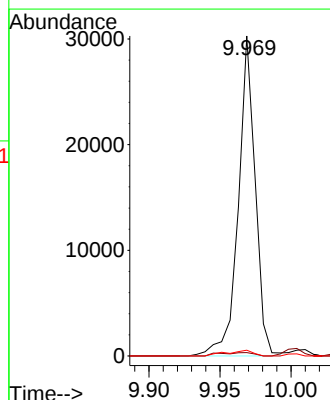
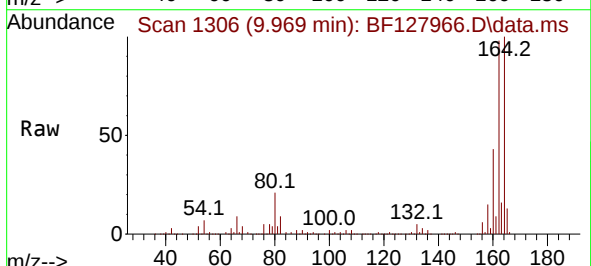
Tgt Ion:165 Resp: 25155

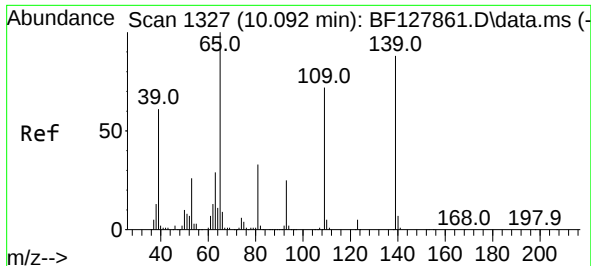
Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.8 49.0 73.4#

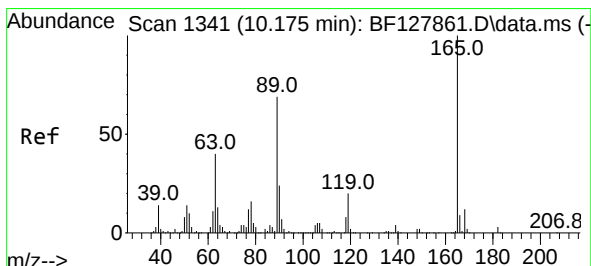
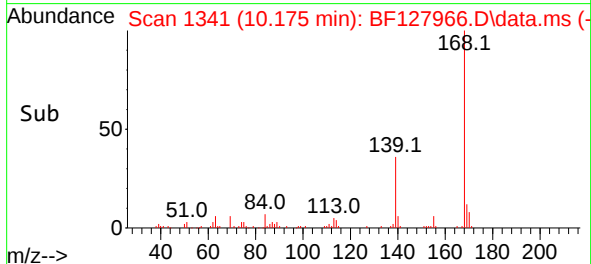
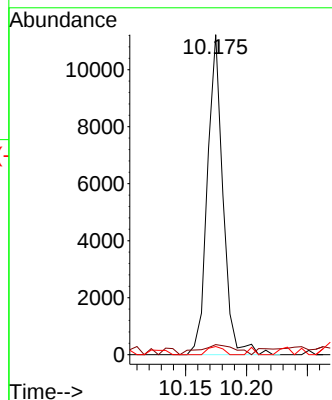
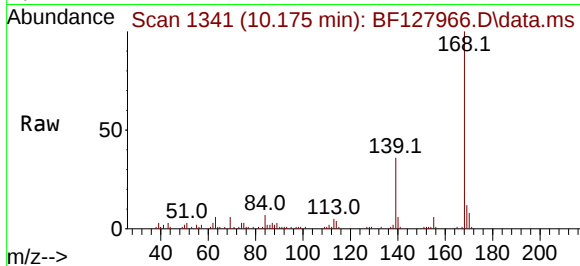




#56
4-Nitrophenol
Concen: 4.273 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

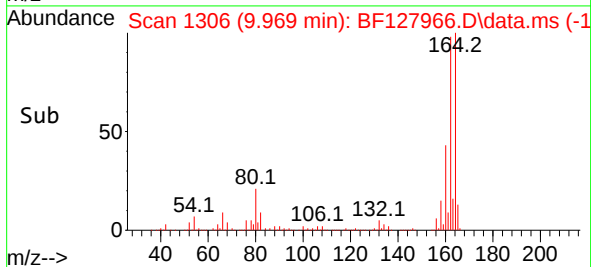
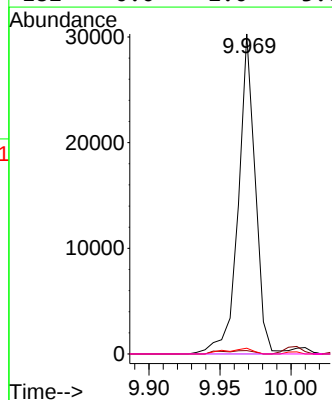
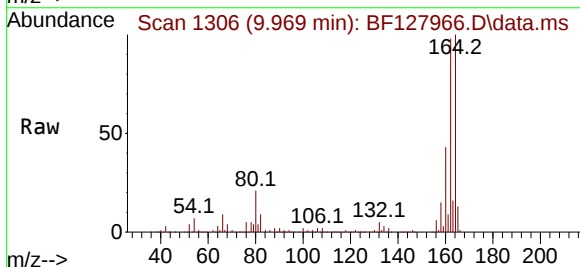
Instrument :
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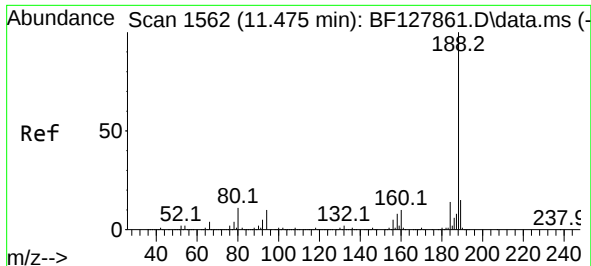
Tgt Ion:139 Resp: 9981
Ion Ratio Lower Upper
139 100
109 3.1 61.9 101.9#
65 2.5 93.5 133.5#



#57
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:165 Resp: 25155
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

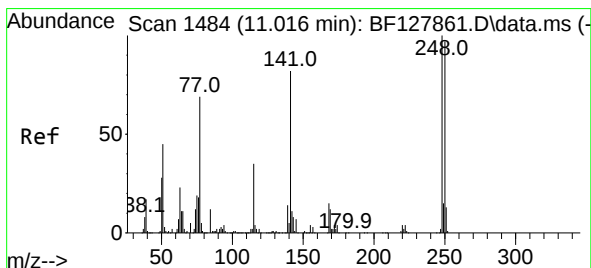
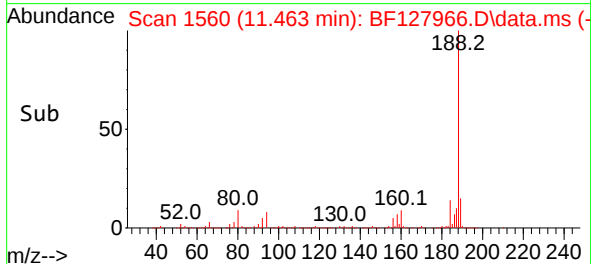
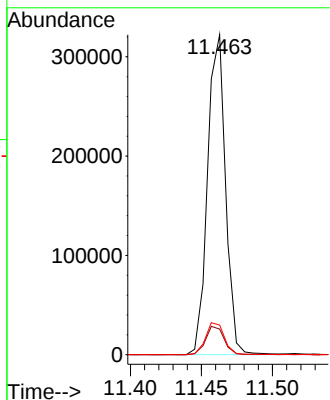
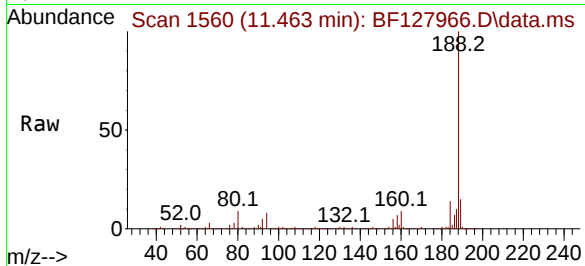




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

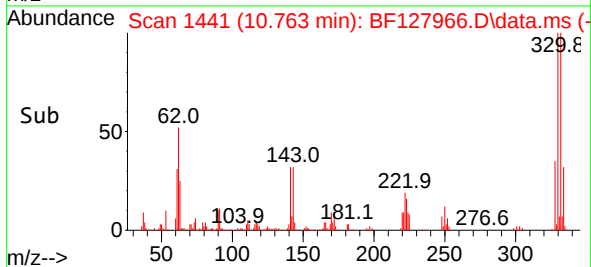
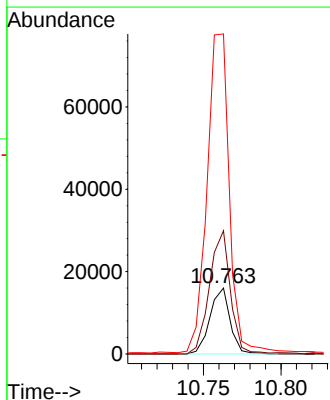
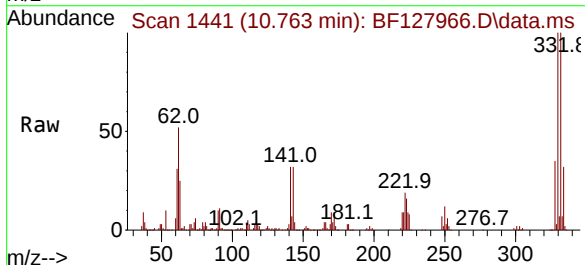
Instrument :
BNA_F
ClientSampleId :
2827

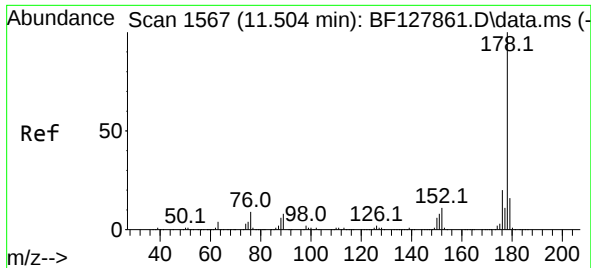
Tgt Ion:188 Resp: 284975
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.575 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:248 Resp: 14453
Ion Ratio Lower Upper
248 100
250 186.7 77.7 116.5#
141 485.0 65.6 98.4#

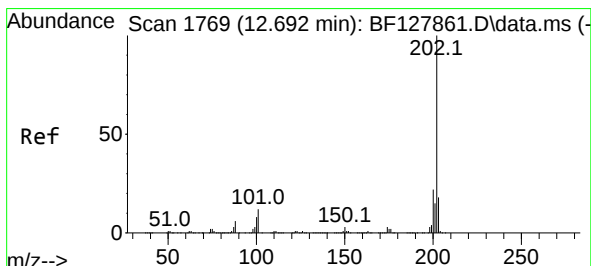
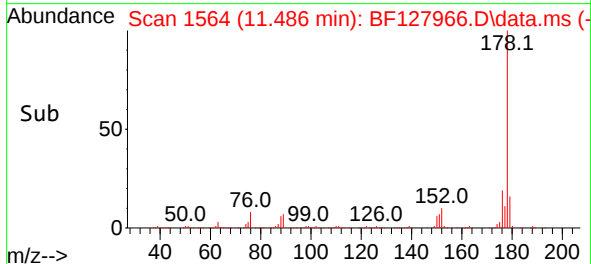
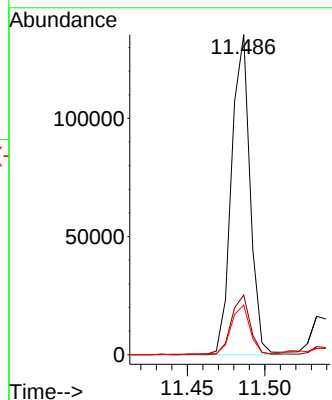
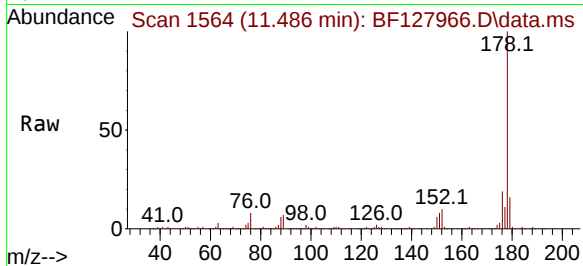




#71
Phenanthrene
Concen: 7.565 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

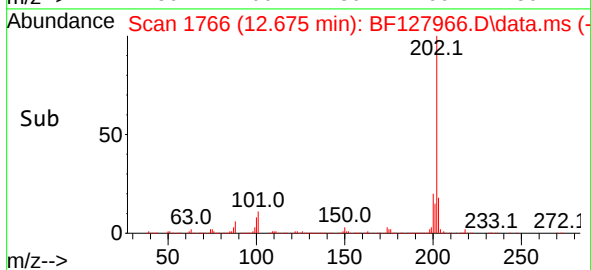
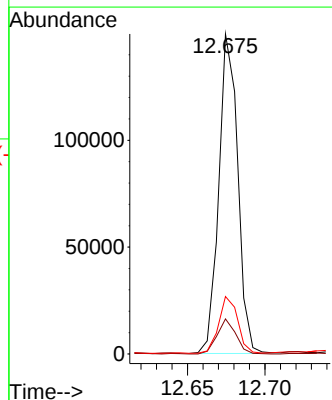
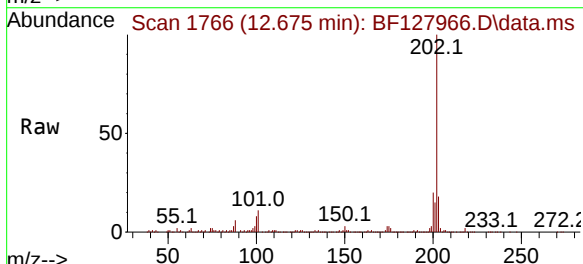
Instrument :
BNA_F
ClientSampleId :
2827

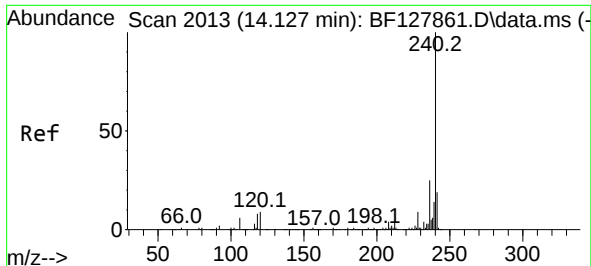
Tgt Ion:178 Resp: 112848
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.5 12.6 19.0



#75
Fluoranthene
Concen: 8.106 ng
RT: 12.675 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:202 Resp: 127267
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 17.9 0.0 38.1

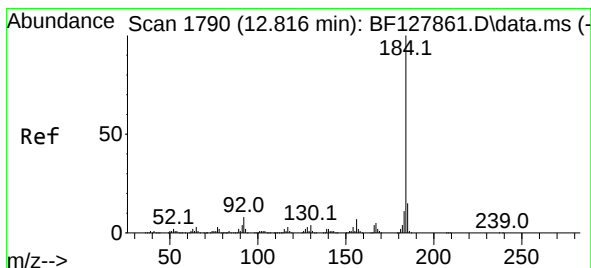
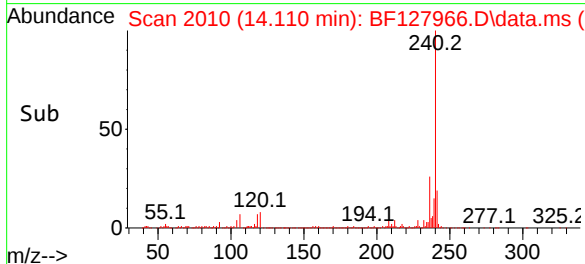
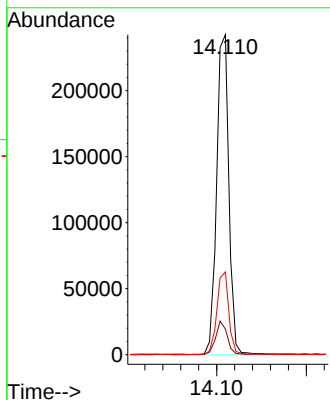
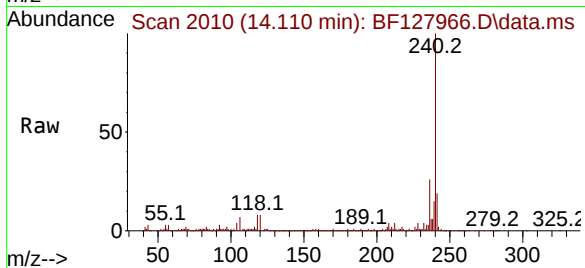




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

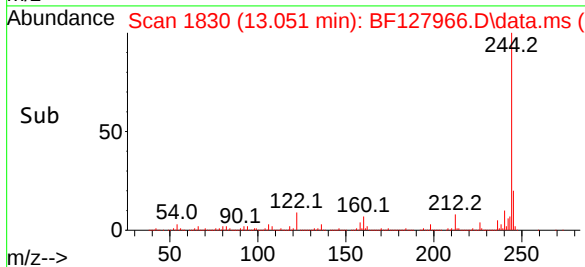
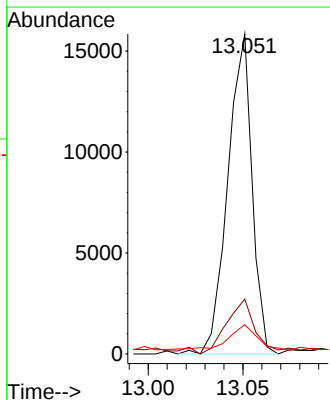
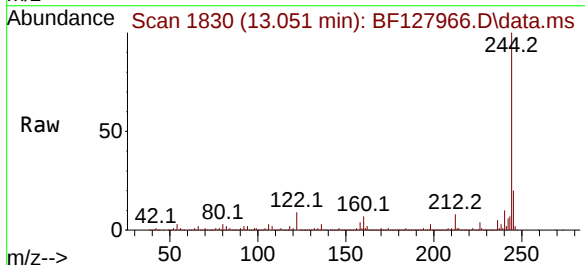
Instrument :
BNA_F
ClientSampleId :
2827

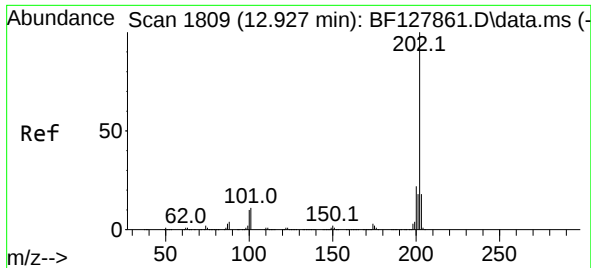
Tgt Ion:240 Resp: 229607
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 3.236 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:184 Resp: 14057
Ion Ratio Lower Upper
184 100
185 17.1 12.1 18.1
183 9.1 9.0 13.4

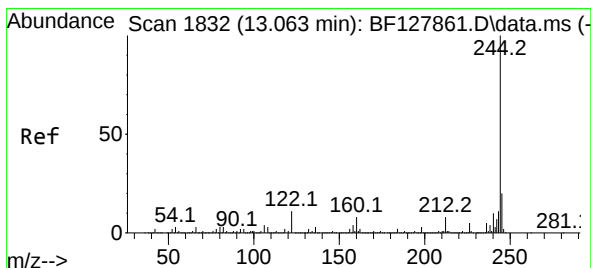
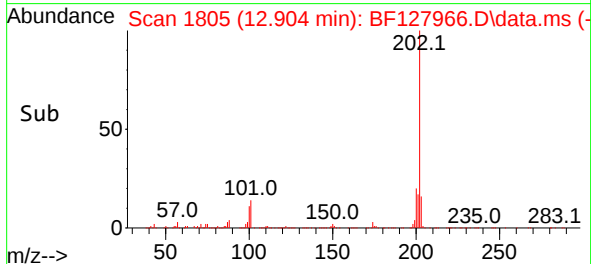
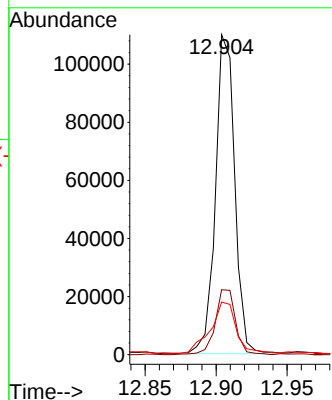
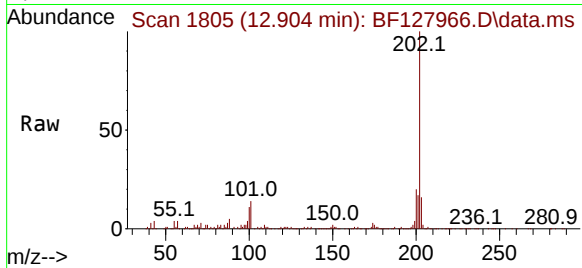




#78
Pyrene
Concen: 5.596 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

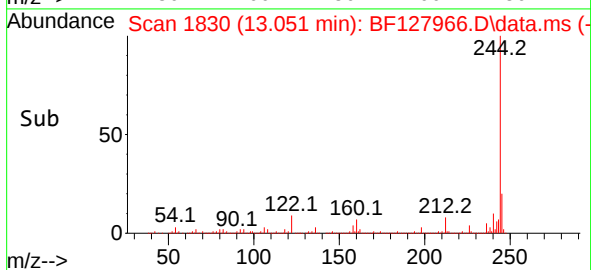
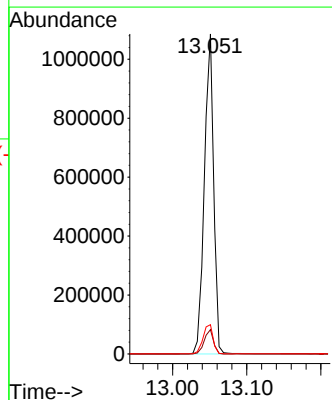
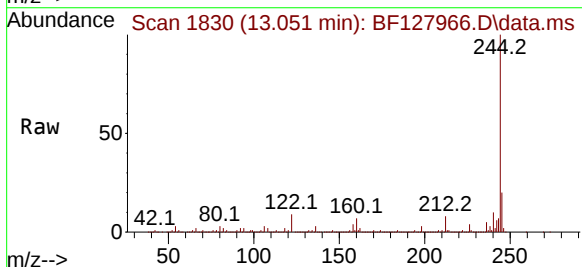
Instrument :
BNA_F
ClientSampleId :
2827

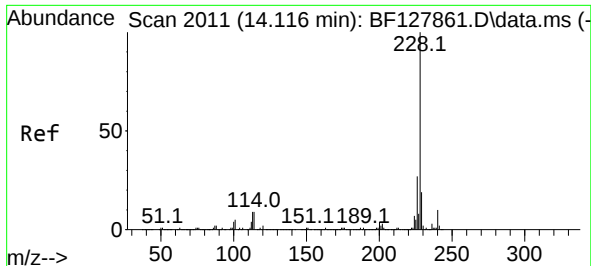
Tgt Ion:202 Resp: 103728
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 16.5 14.0 21.0



#79
Terphenyl-d14
Concen: 75.885 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:244 Resp: 952859
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.2 8.6 12.8

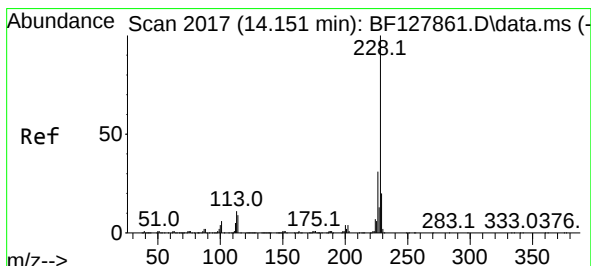
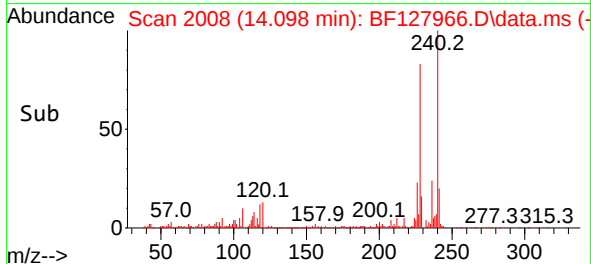
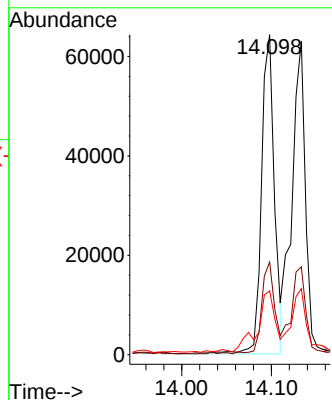
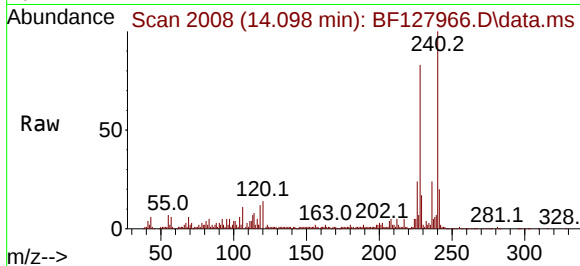




#81
Benzo(a)anthracene
Concen: 4.185 ng
RT: 14.098 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

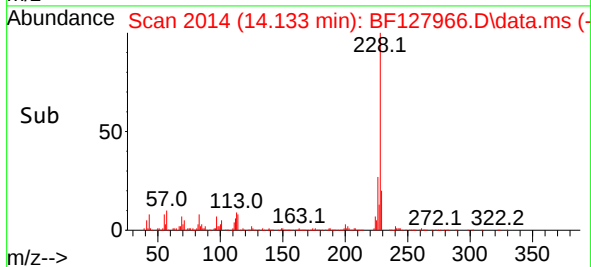
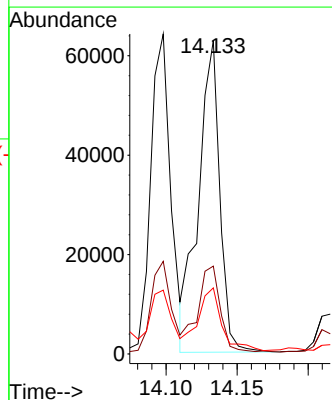
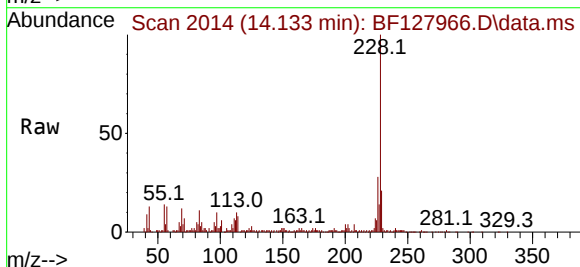
Instrument :
BNA_F
ClientSampleId :
2827

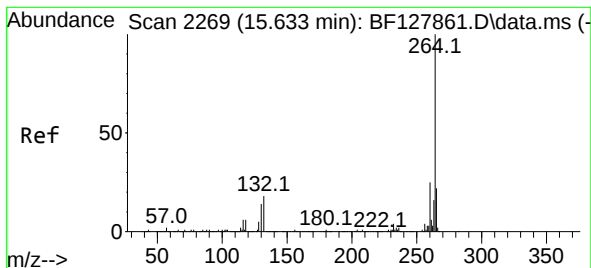
Tgt Ion:228 Resp: 64053
Ion Ratio Lower Upper
228 100
226 28.9 21.7 32.5
229 19.9 15.4 23.2



#83
Chrysene
Concen: 4.507 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:228 Resp: 65877
Ion Ratio Lower Upper
228 100
226 28.0 24.4 36.6
229 21.1 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.616 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127966.D

Acq: 28 Apr 2022 01:09

Instrument :

BNA_F

ClientSampleId :

2827

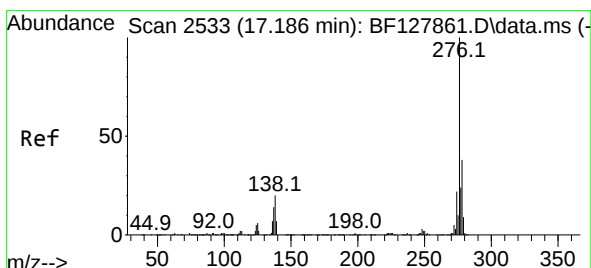
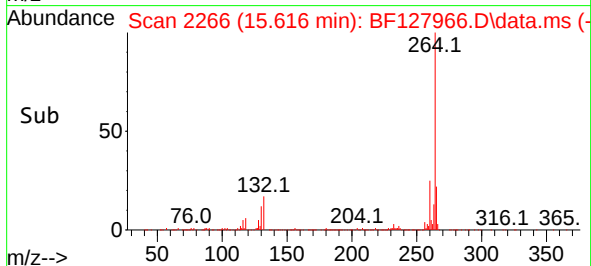
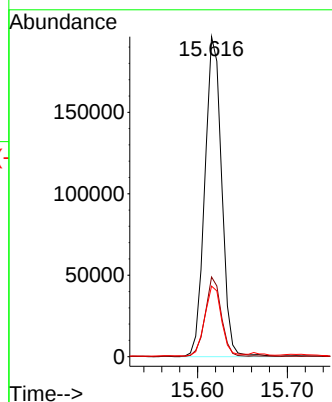
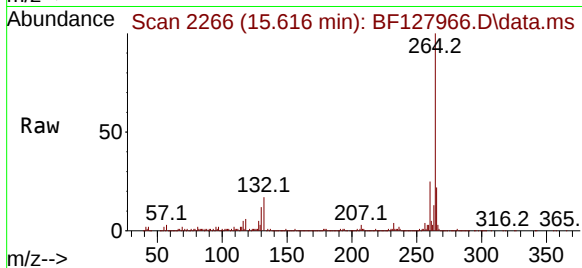
Tgt Ion:264 Resp: 256266

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 22.1 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.765 ng

RT: 17.145 min Scan# 2526

Delta R.T. -0.023 min

Lab File: BF127966.D

Acq: 28 Apr 2022 01:09

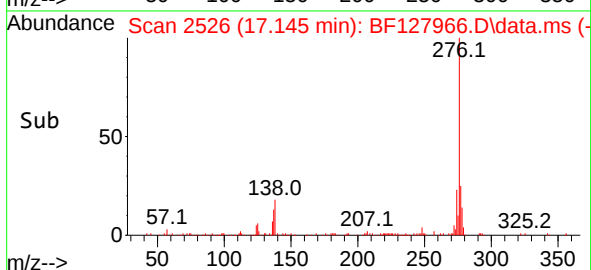
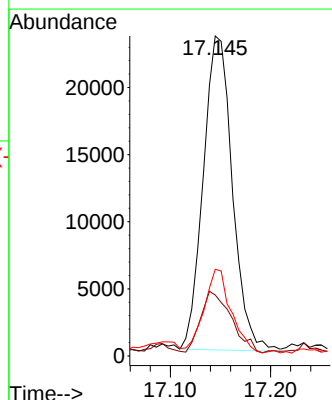
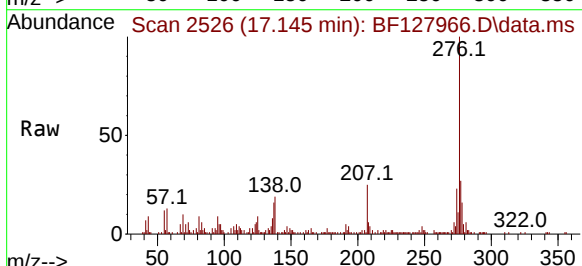
Tgt Ion:276 Resp: 47288

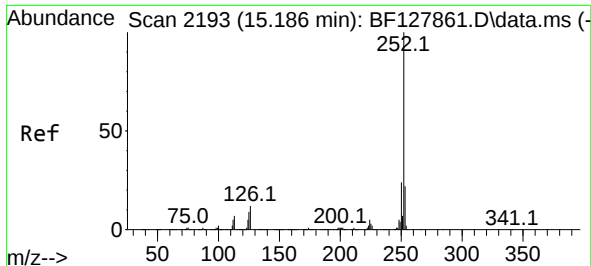
Ion Ratio Lower Upper

276 100

138 20.6 19.0 28.4

277 25.2 20.1 30.1

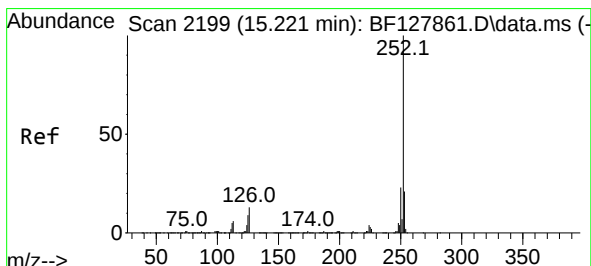
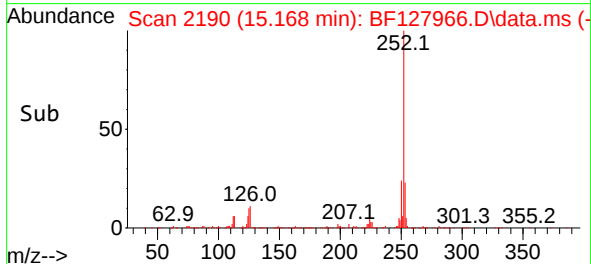
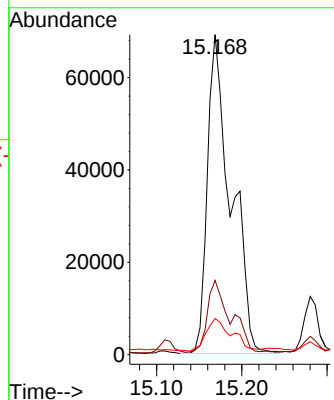
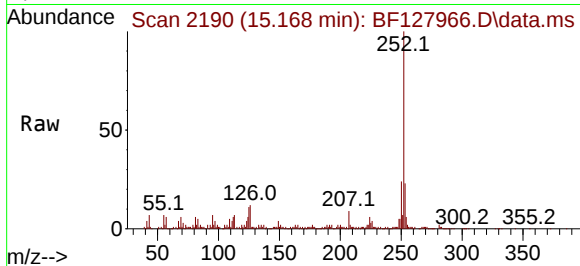




#88
Benzo(b)fluoranthene
Concen: 8.254 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

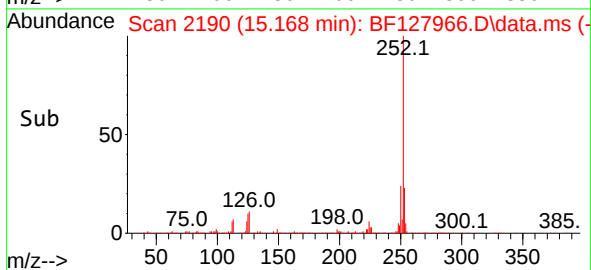
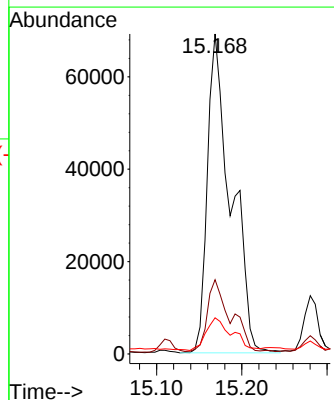
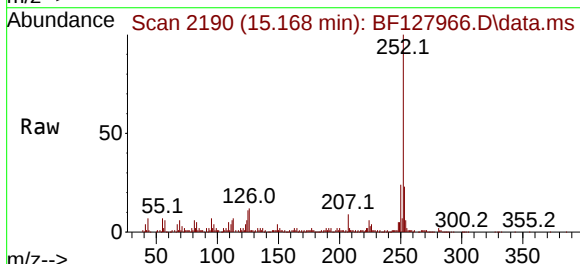
Instrument :
BNA_F
ClientSampleId :
2827

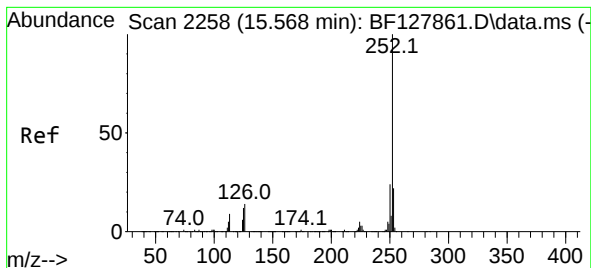
Tgt Ion:252 Resp: 132856
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.3 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 8.193 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.041 min
Lab File: BF127966.D
Acq: 28 Apr 2022 01:09

Tgt Ion:252 Resp: 132856
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 11.3 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 5.238 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127966.D

Acq: 28 Apr 2022 01:09

Instrument :

BNA_F

ClientSampleId :

2827

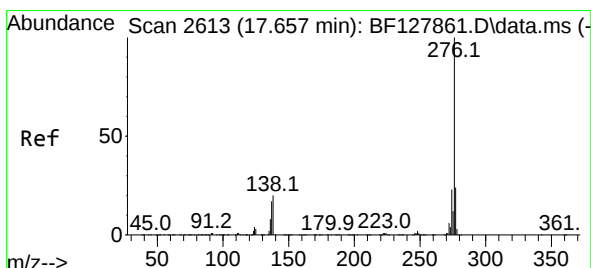
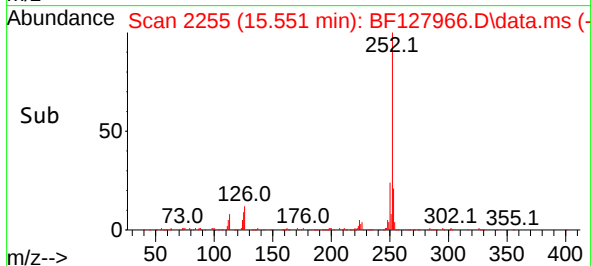
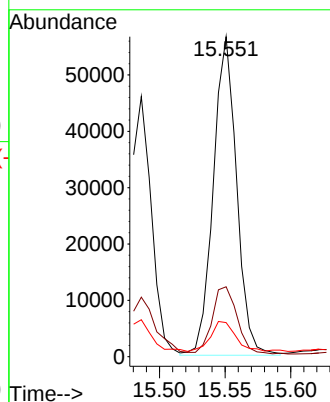
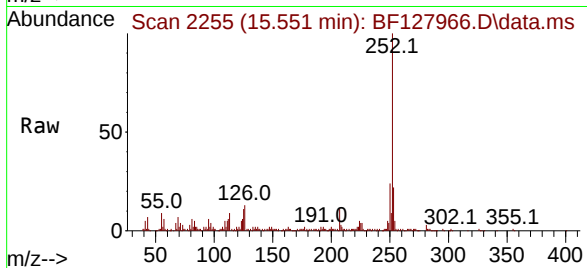
Tgt Ion:252 Resp: 69935

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 9.2 13.8



#92

Benzo(g,h,i)perylene

Concen: 2.968 ng

RT: 17.615 min Scan# 2606

Delta R.T. -0.023 min

Lab File: BF127966.D

Acq: 28 Apr 2022 01:09

Tgt Ion:276 Resp: 42905

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 19.2 16.2 24.2

