

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127726.D
 Acq On : 08 Apr 2022 21:21
 Operator : CG\JU
 Sample : N2329-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Quant Time: Apr 11 02:23:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

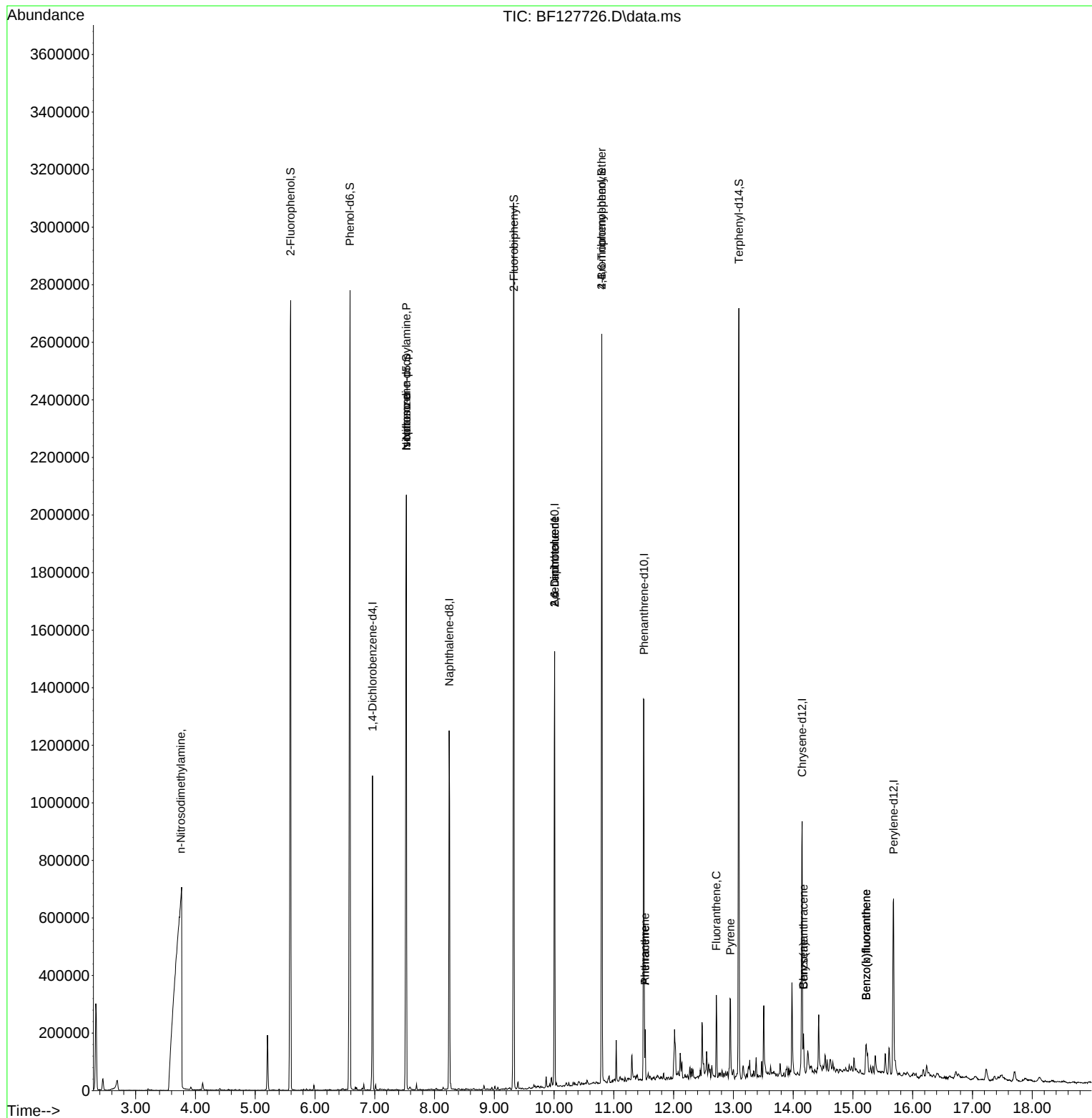
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143555	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	519154	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	299459	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	510501	20.000	ng	# 0.00
76) Chrysene-d12	14.151	240	300213	20.000	ng	0.00
86) Perylene-d12	15.680	264	311749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	768135	86.945	ng	0.01
7) Phenol-d6	6.587	99	1003904	86.861	ng	0.00
23) Nitrobenzene-d5	7.528	82	681020	58.481	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	297186	93.258	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1017300	48.058	ng	0.00
79) Terphenyl-d14	13.092	244	918927	50.524	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.757	42	117473	19.791	ng	# 1
9) Benzaldehyde	6.516	77	264	Below Cal		84
19) n-Nitroso-di-n-propyla...	7.528	70	93302	12.481	ng	# 73
25) Isophorone	7.528	82	681011	33.515	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	39699	9.703	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	39699	7.826	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	18402	2.970	ng	# 1
71) Phenanthrene	11.522	178	58294	2.155	ng	100
72) Anthracene	11.522	178	58294	2.179	ng	98
75) Fluoranthene	12.716	202	102018	3.456	ng	98
78) Pyrene	12.951	202	124282	4.902	ng	99
81) Benzo(a)anthracene	14.174	228	51455	2.566	ng	94
83) Chrysene	14.174	228	51455	2.673	ng	97
88) Benzo(b)fluoranthene	15.221	252	84165	4.197	ng	95
89) Benzo(k)fluoranthene	15.221	252	84165	4.231	ng	96

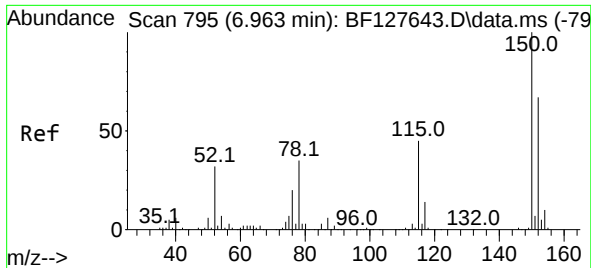
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127726.D
Acq On : 08 Apr 2022 21:21
Operator : CG\JU
Sample : N2329-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-346

Quant Time: Apr 11 02:23:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

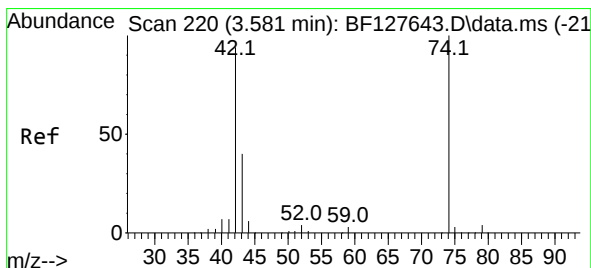
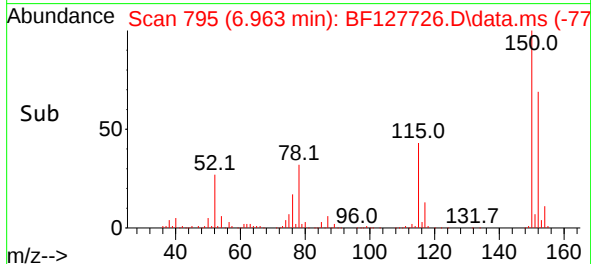
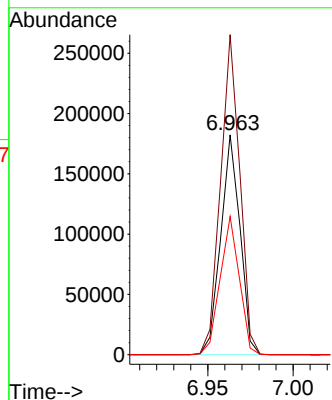
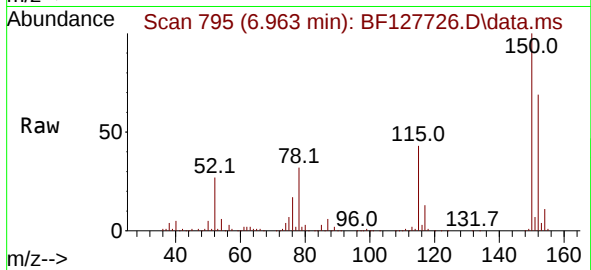




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

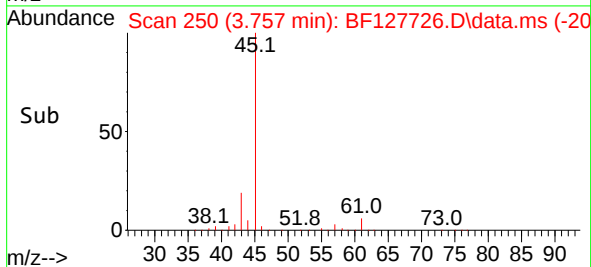
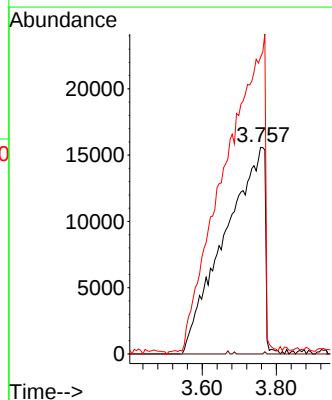
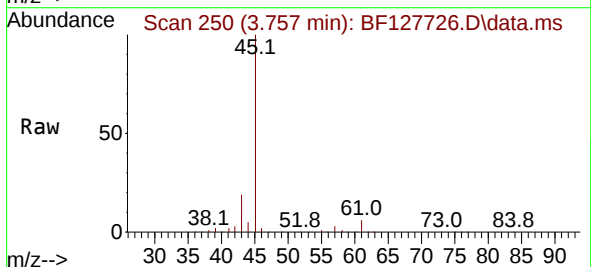
Instrument :
BNA_F
ClientSampleId :
RBR-346

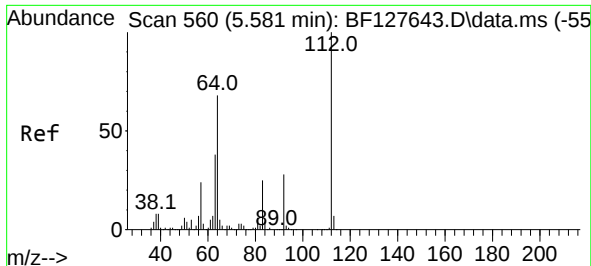
Tgt Ion:152 Resp: 143555
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 62.9 49.8 74.6



#4
n-Nitrosodimethylamine
Concen: 19.791 ng
RT: 3.757 min Scan# 250
Delta R.T. 0.176 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion: 42 Resp: 117473
Ion Ratio Lower Upper
42 100
74 0.0 92.4 138.6#
44 143.6 6.0 9.0#

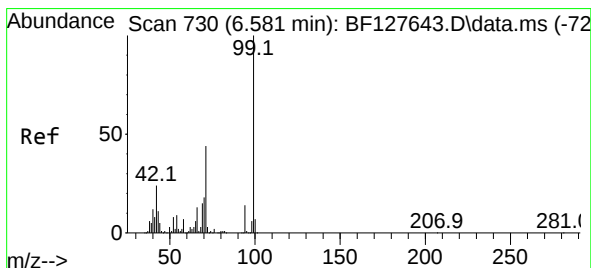
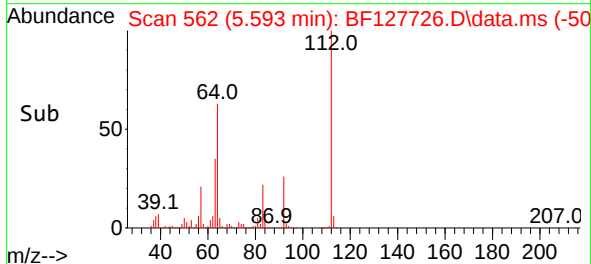
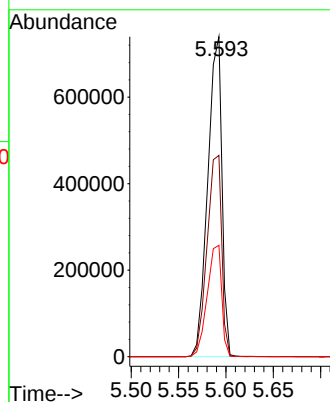
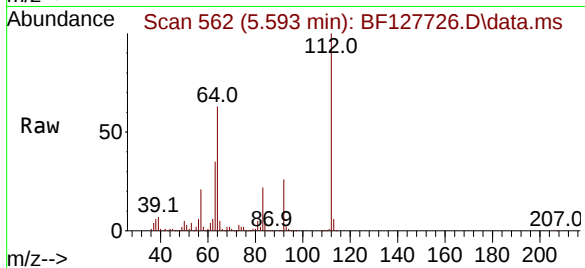




#5
2-Fluorophenol
Concen: 86.945 ng
RT: 5.593 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

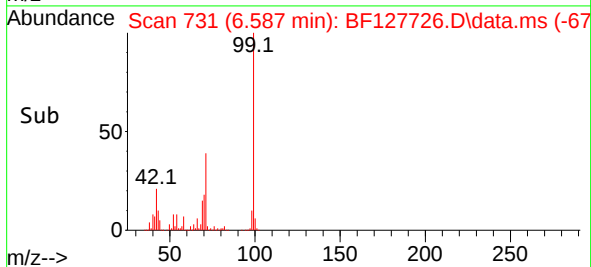
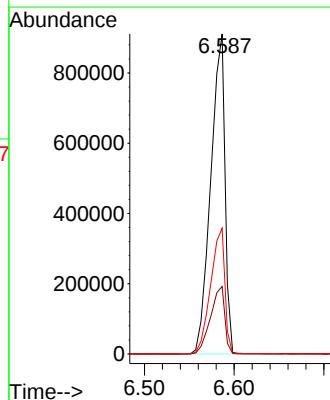
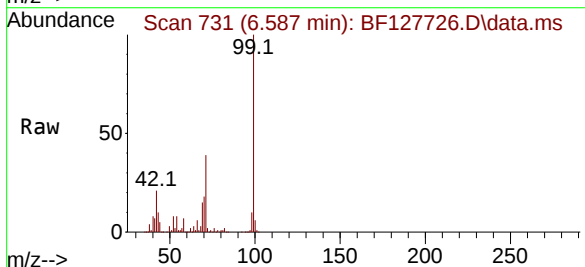
Instrument :
BNA_F
ClientSampleId :
RBR-346

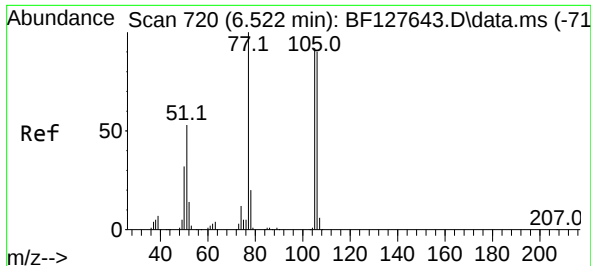
Tgt Ion:112 Resp: 768135
Ion Ratio Lower Upper
112 100
64 62.9 58.4 87.6
63 34.8 30.1 45.1



#7
Phenol-d6
Concen: 86.861 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion: 99 Resp: 1003904
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 39.3 29.6 44.4

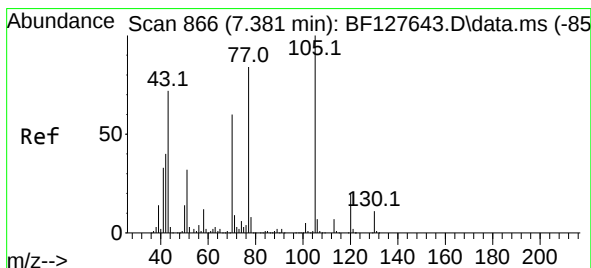
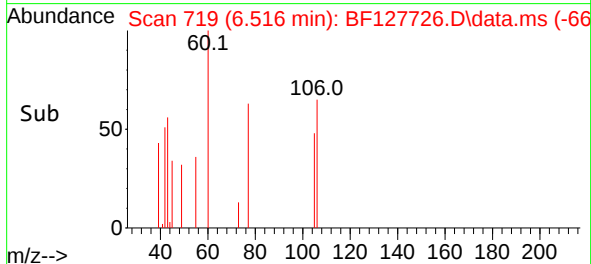
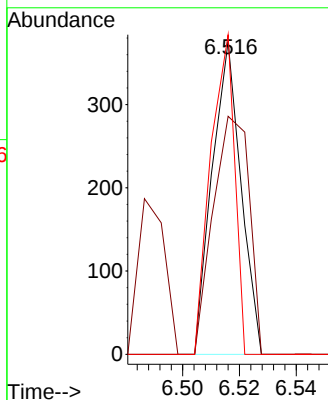
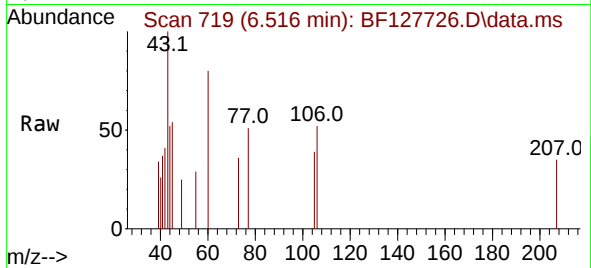




#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

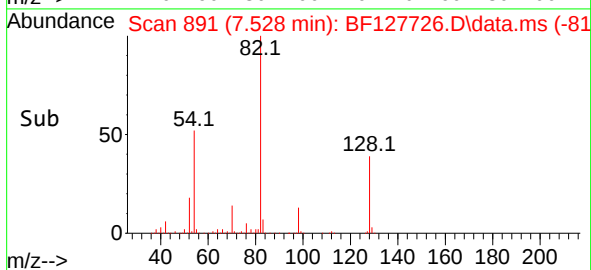
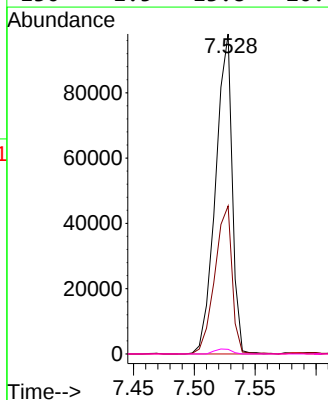
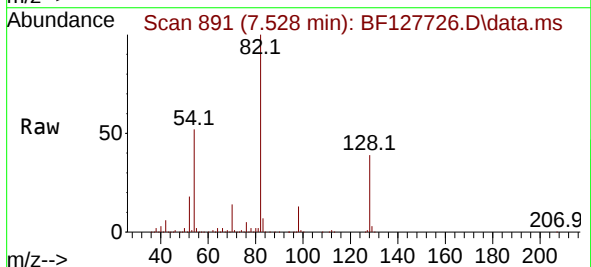
Instrument :
BNA_F
ClientSampleId :
RBR-346

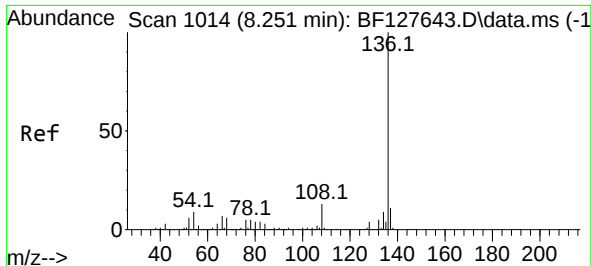
Tgt Ion: 77 Resp: 264
Ion Ratio Lower Upper
77 100
105 76.1 66.8 106.8
106 102.1 64.3 104.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.481 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion: 70 Resp: 93302
Ion Ratio Lower Upper
70 100
42 46.3 53.0 79.6#
101 0.0 6.8 10.2#
130 1.5 13.8 20.6#

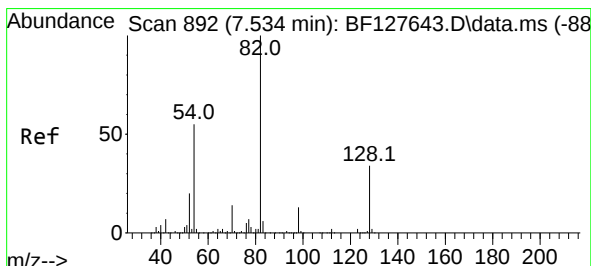
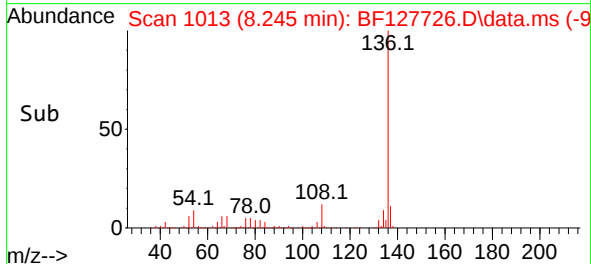
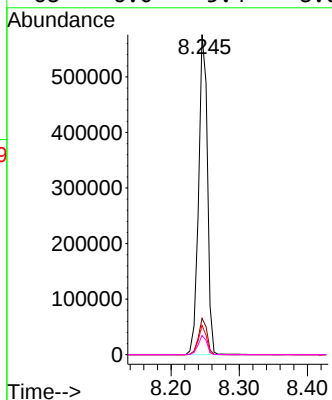
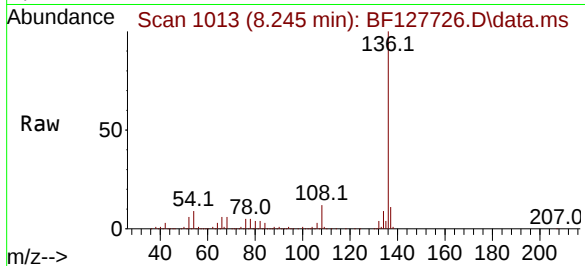




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

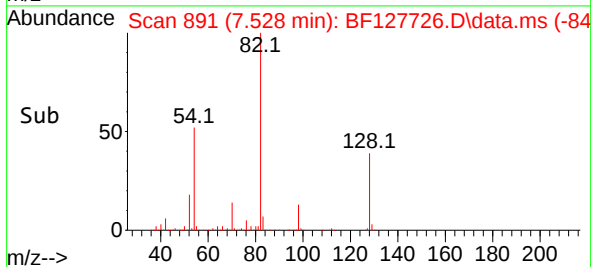
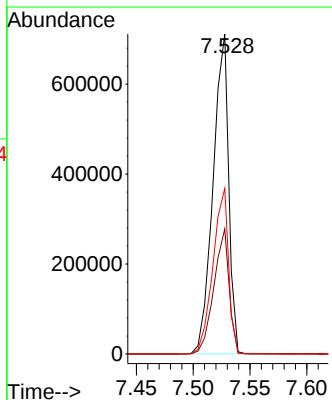
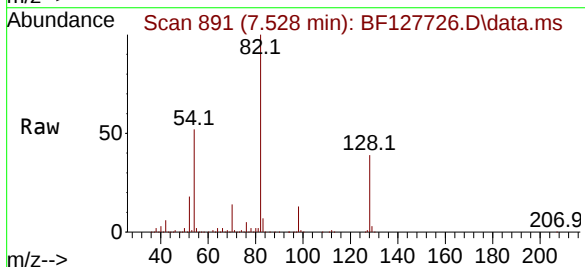
Instrument :
BNA_F
ClientSampleId :
RBR-346

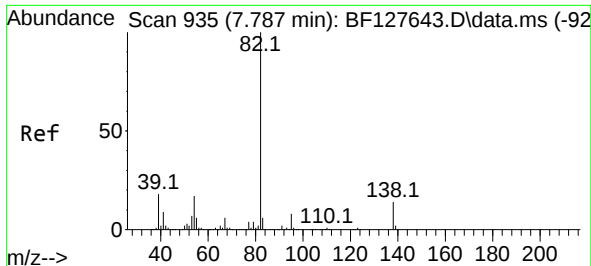
Tgt Ion:136 Resp: 519154
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.2 9.2 13.8#
68 6.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 58.481 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion: 82 Resp: 681020
Ion Ratio Lower Upper
82 100
128 39.1 30.6 45.8
54 51.8 48.2 72.2

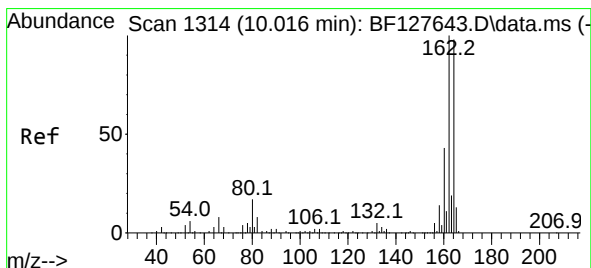
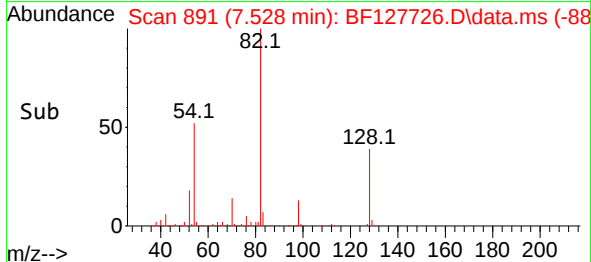
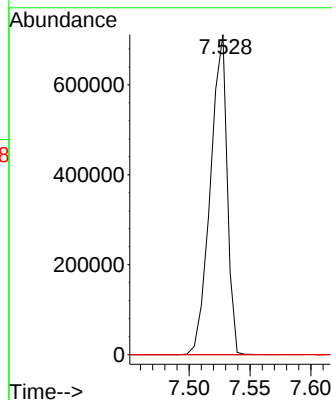
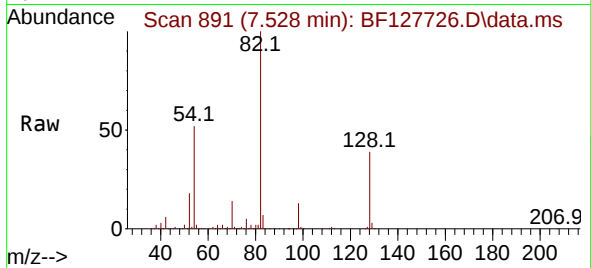




#25
Isophorone
Concen: 33.515 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

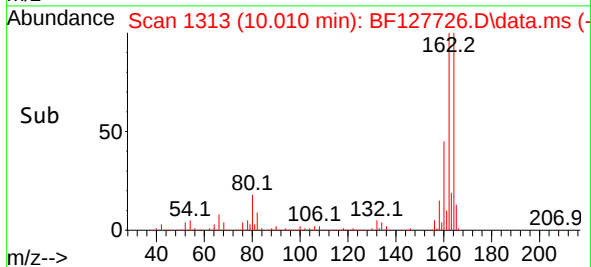
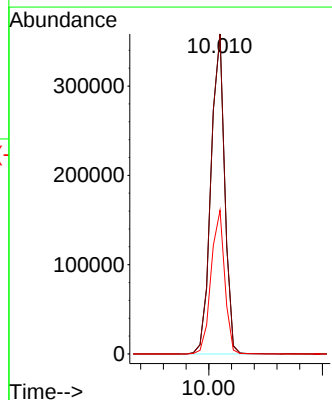
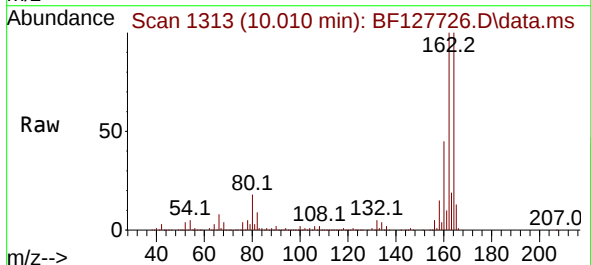
Instrument :
BNA_F
ClientSampleId :
RBR-346

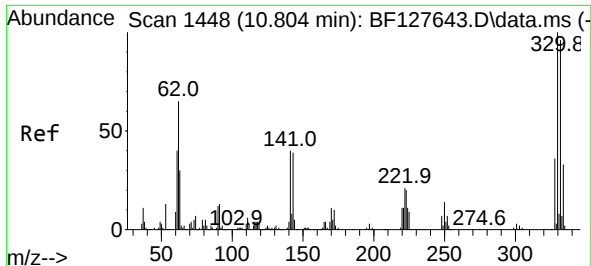
Tgt Ion: 82 Resp: 681011
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:164 Resp: 299459
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 44.9 34.6 52.0

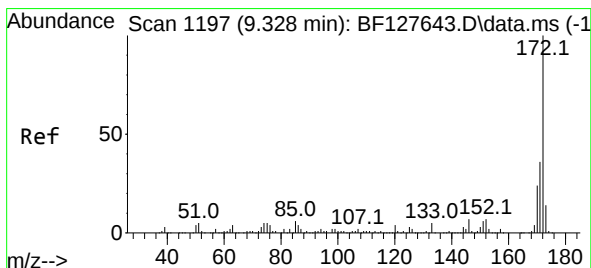
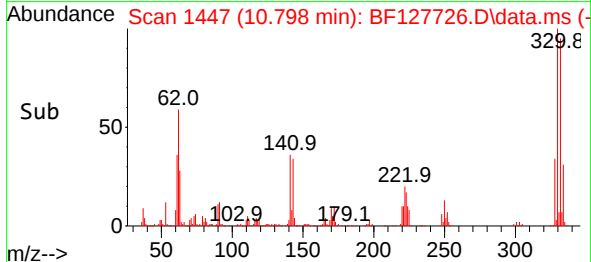
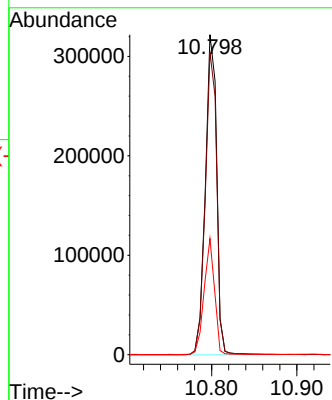
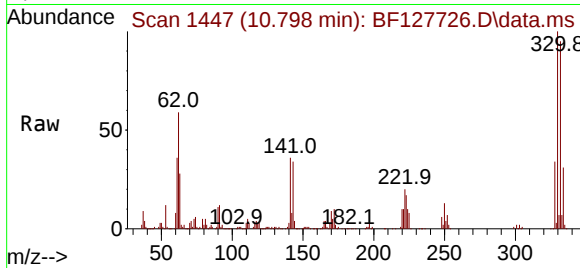




#42
2,4,6-Tribromophenol
Concen: 93.258 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

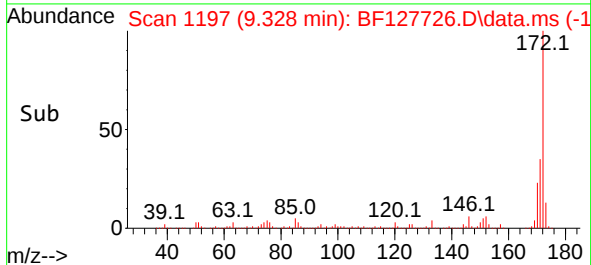
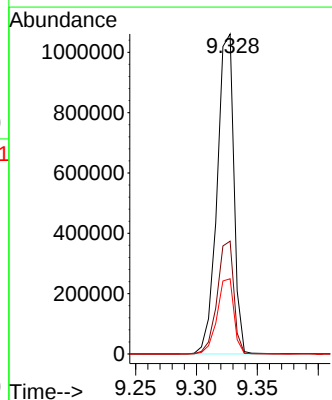
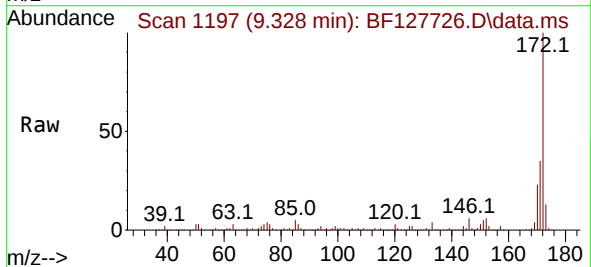
Instrument :
BNA_F
ClientSampleId :
RBR-346

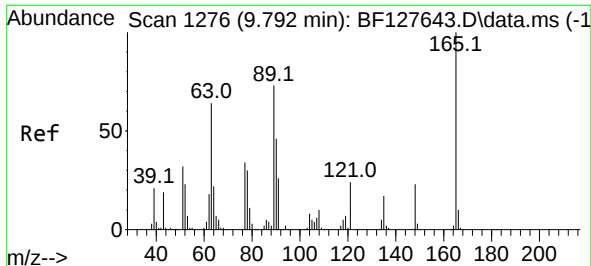
Tgt Ion:330 Resp: 297186
Ion Ratio Lower Upper
330 100
332 95.0 79.1 118.7
141 33.6 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 48.058 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:172 Resp: 1017300
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.6 27.8

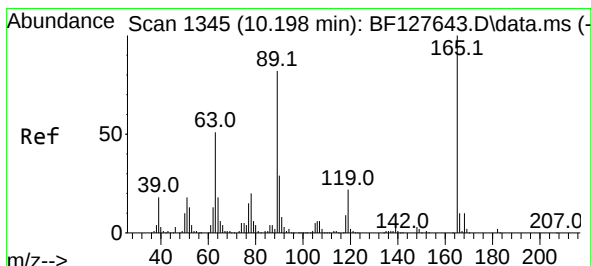
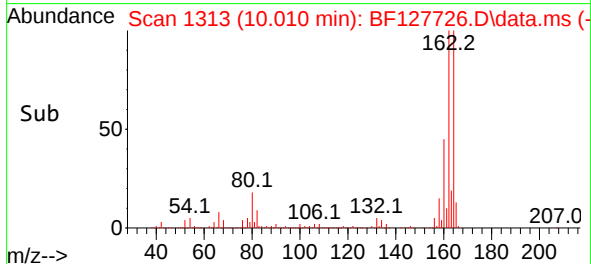
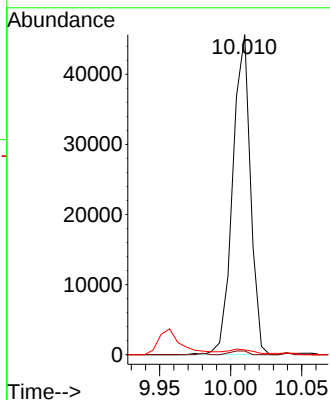
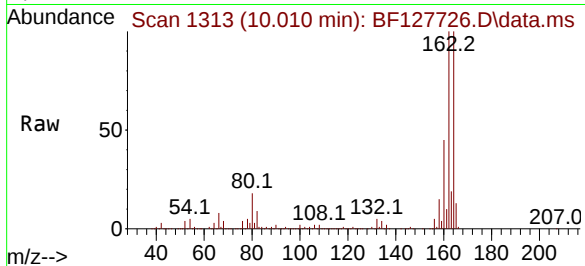




#51
2,6-Dinitrotoluene
Concen: 9.703 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

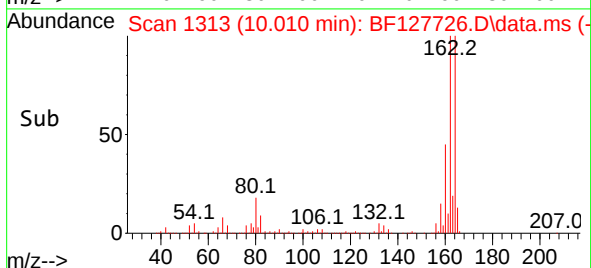
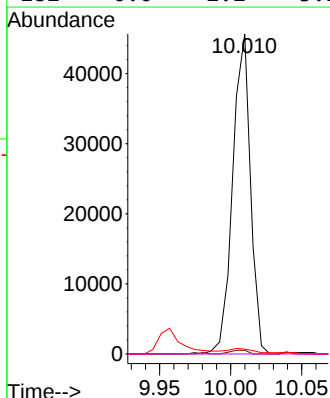
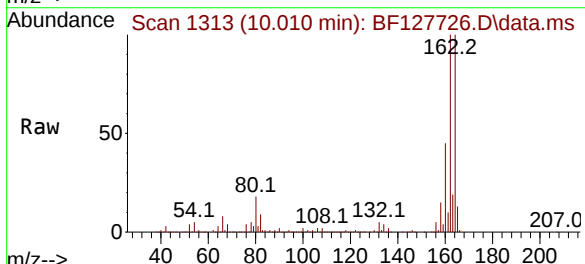
Instrument :
BNA_F
ClientSampleId :
RBR-346

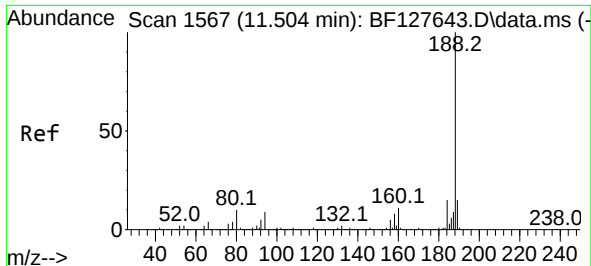
Tgt Ion:165 Resp: 39699
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.5 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.826 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:165 Resp: 39699
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#

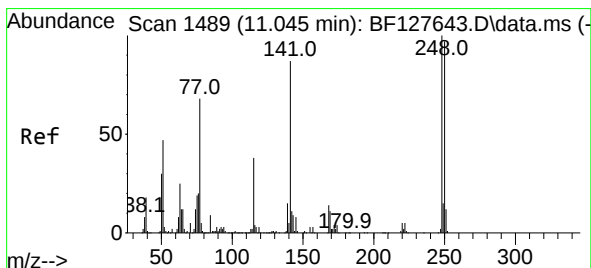
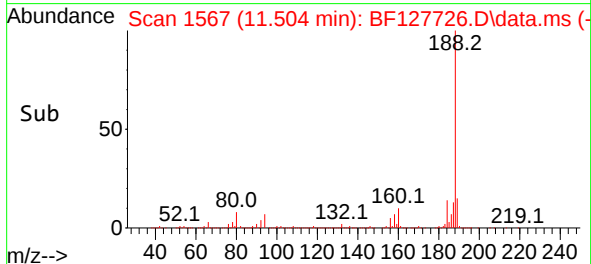
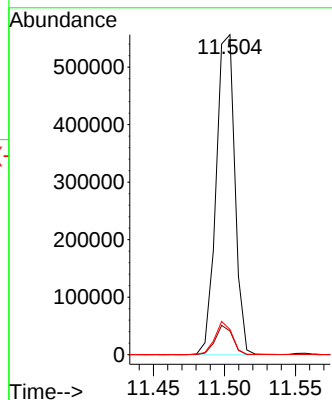
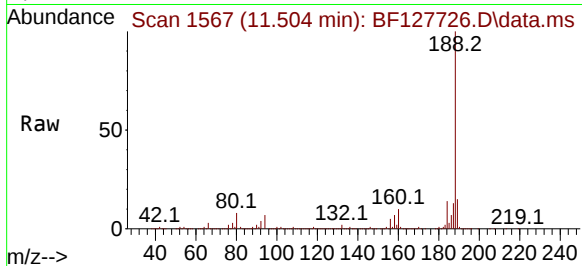




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

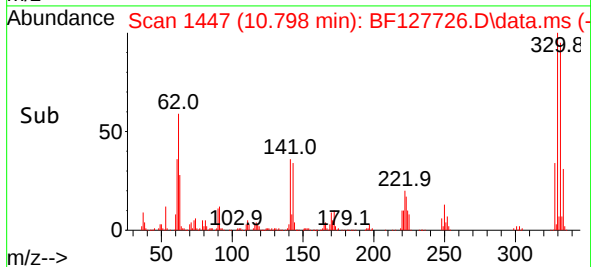
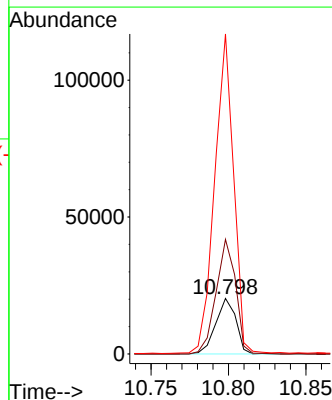
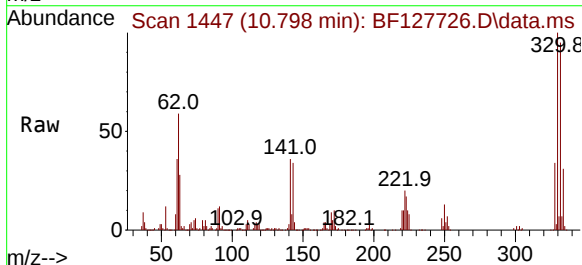
Instrument :
BNA_F
ClientSampleId :
RBR-346

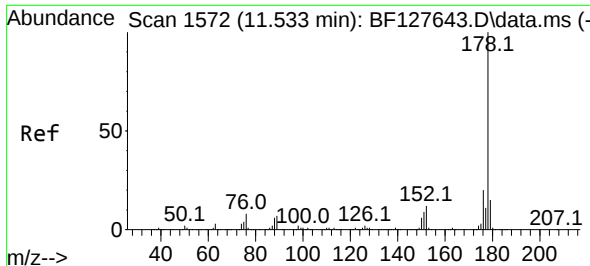
Tgt Ion:188 Resp: 510501
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.0
80 7.9 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 2.970 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:248 Resp: 18402
Ion Ratio Lower Upper
248 100
250 206.4 76.6 115.0#
141 576.5 52.2 78.2#

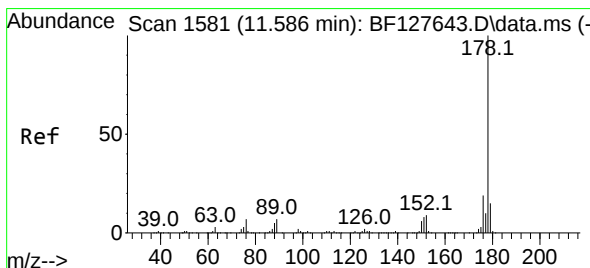
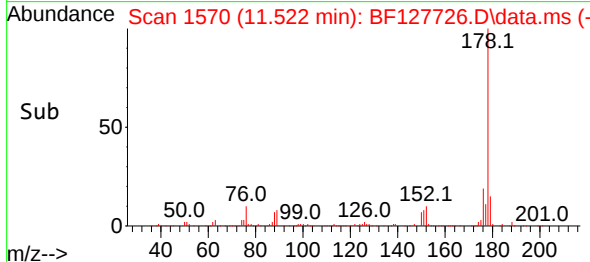
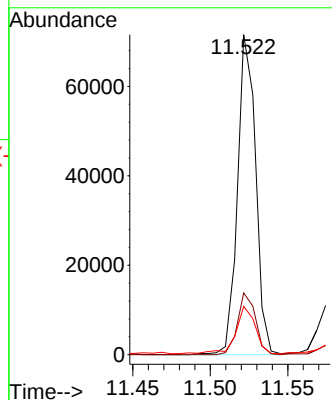
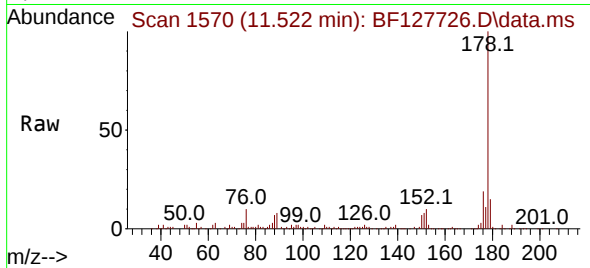




#71
Phenanthrene
Concen: 2.155 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

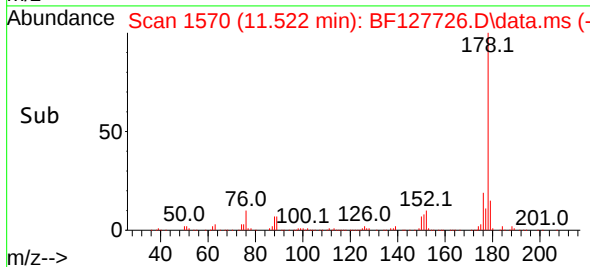
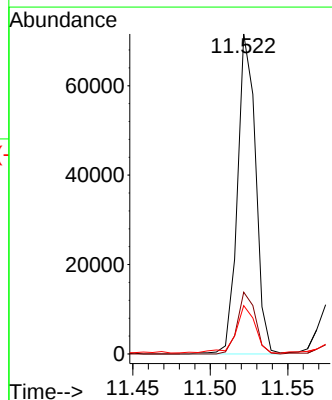
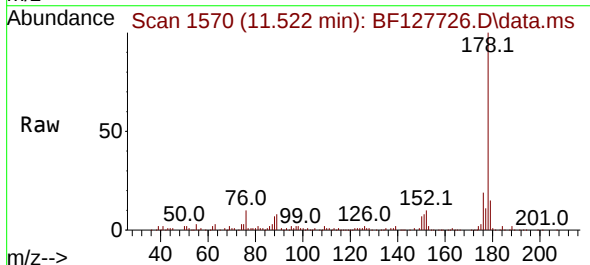
Instrument :
BNA_F
ClientSampleId :
RBR-346

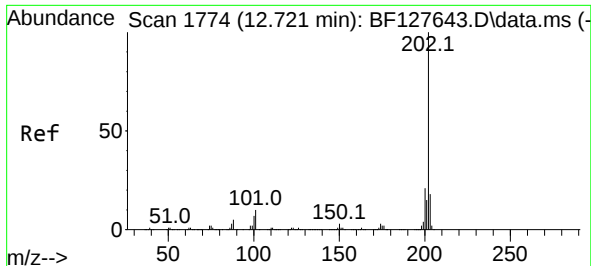
Tgt Ion:178 Resp: 58294
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.4 18.6



#72
Anthracene
Concen: 2.179 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.065 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:178 Resp: 58294
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.1 12.4 18.6

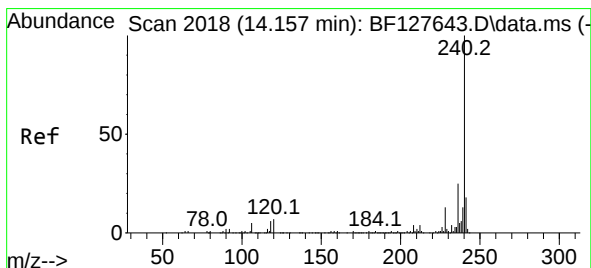
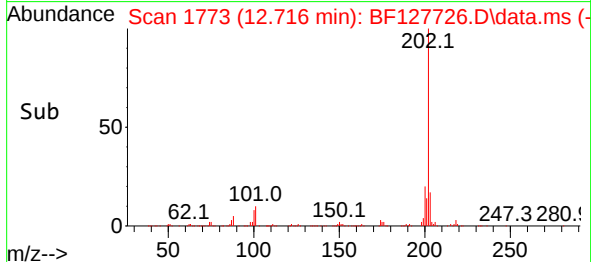
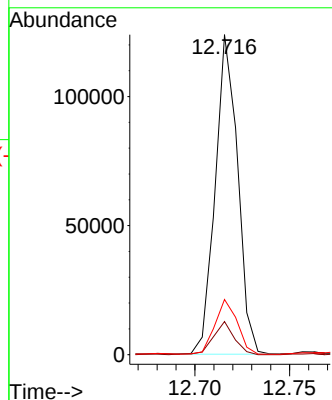
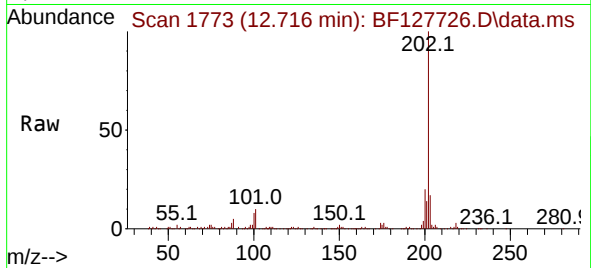




#75
Fluoranthene
Concen: 3.456 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

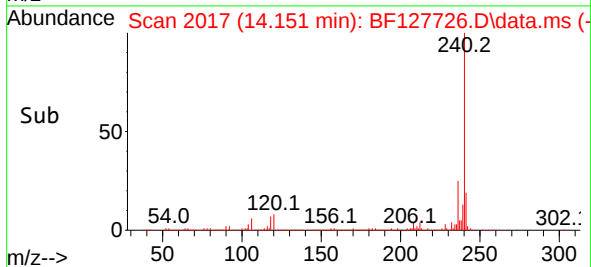
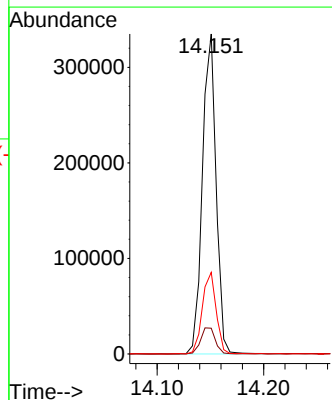
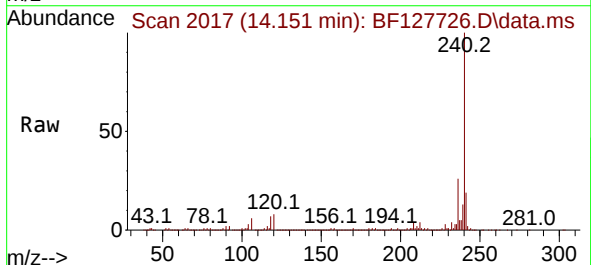
Instrument :
BNA_F
ClientSampleId :
RBR-346

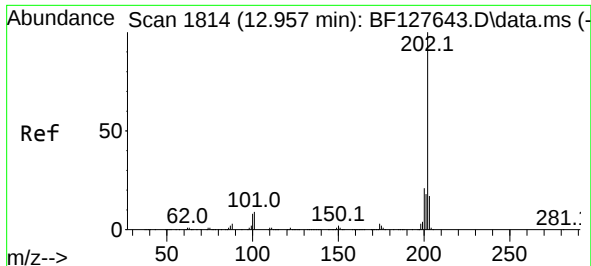
Tgt Ion:202 Resp: 102018
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.0
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:240 Resp: 300213
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.5 20.7 31.1

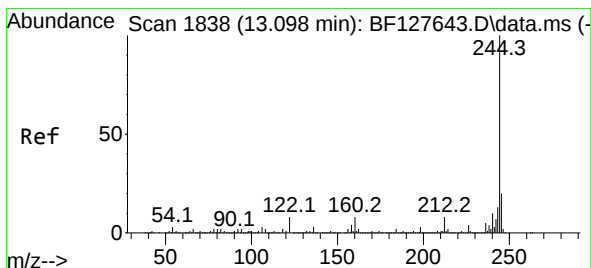
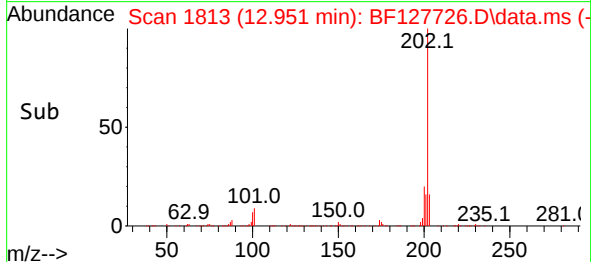
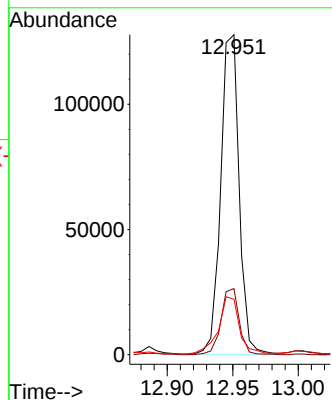
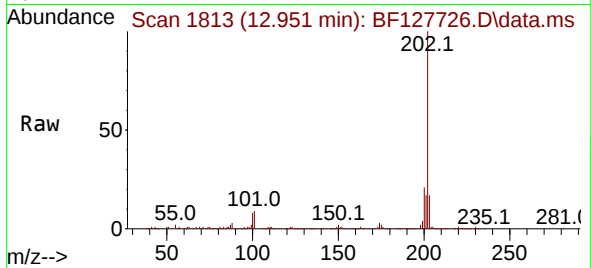




#78
 Pyrene
 Concen: 4.902 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF127726.D
 Acq: 08 Apr 2022 21:21

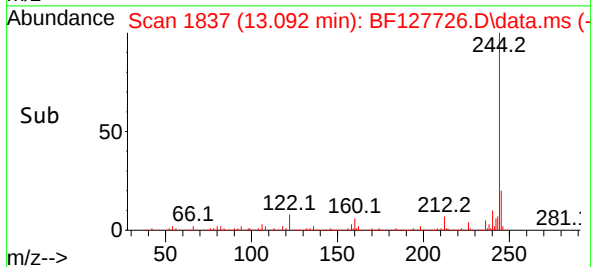
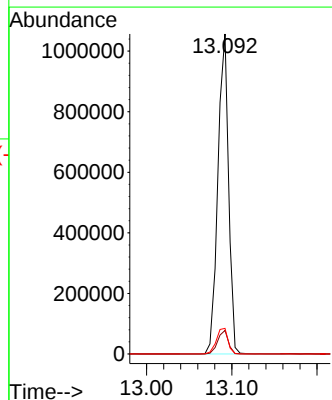
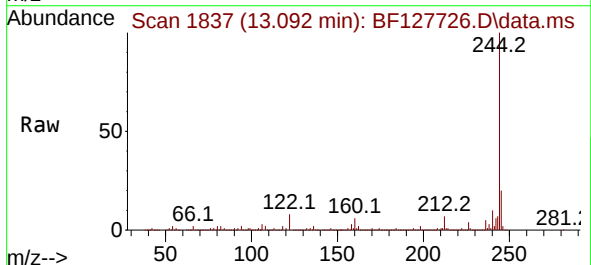
Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

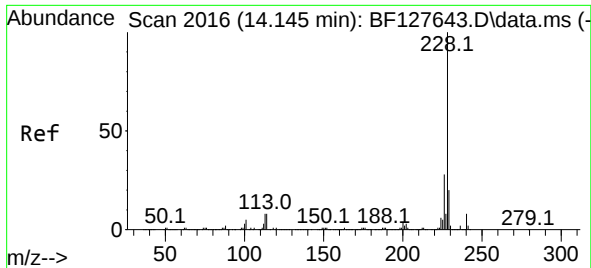
Tgt Ion:202 Resp: 124282
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.1 25.7
 203 17.3 14.3 21.5



#79
 Terphenyl-d14
 Concen: 50.524 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127726.D
 Acq: 08 Apr 2022 21:21

Tgt Ion:244 Resp: 918927
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.0 6.2 9.2

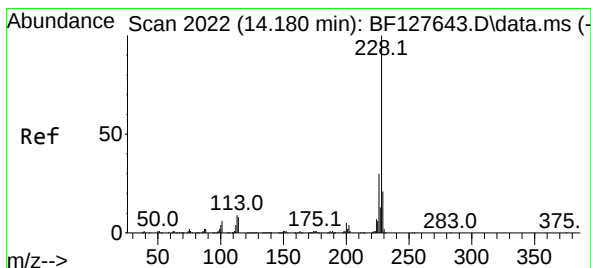
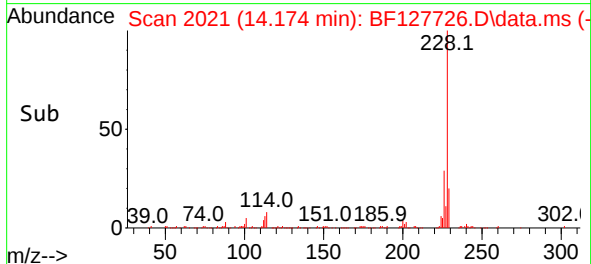
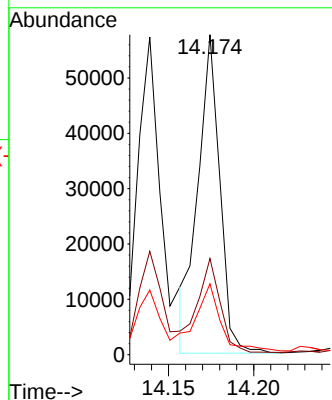
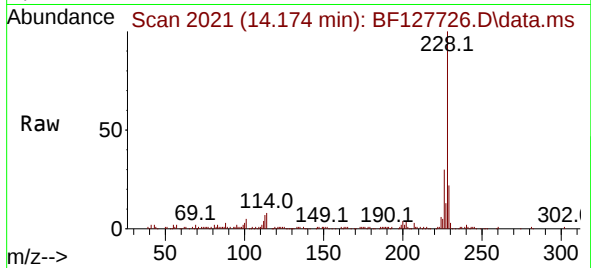




#81
Benzo(a)anthracene
Concen: 2.566 ng
RT: 14.174 min Scan# 2021
Delta R.T. 0.029 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

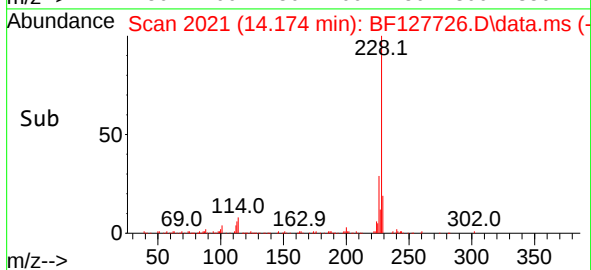
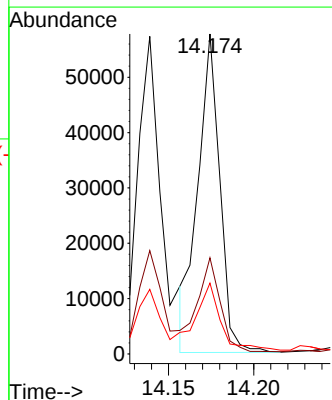
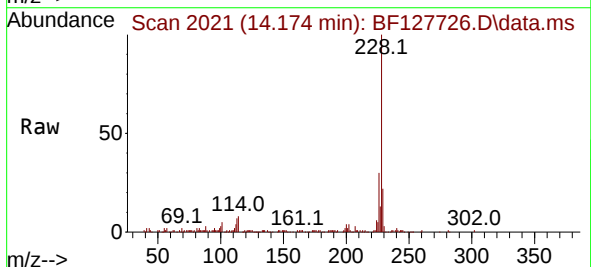
Instrument :
BNA_F
ClientSampleId :
RBR-346

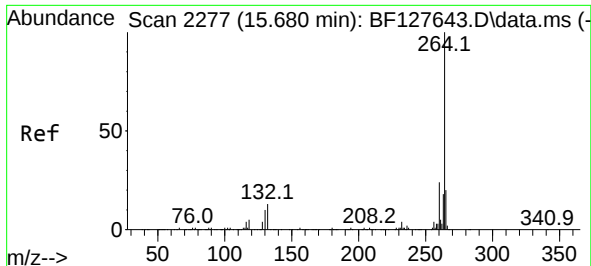
Tgt Ion:228 Resp: 51455
Ion Ratio Lower Upper
228 100
226 30.0 21.6 32.4
229 22.1 15.4 23.2



#83
Chrysene
Concen: 2.673 ng
RT: 14.174 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Tgt Ion:228 Resp: 51455
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 22.1 15.4 23.2

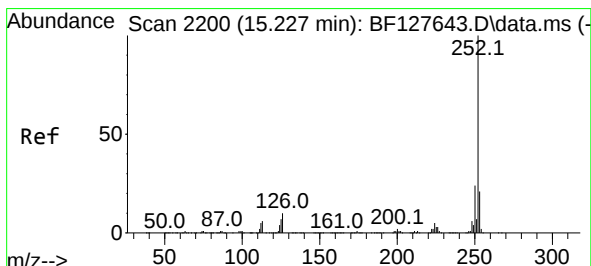
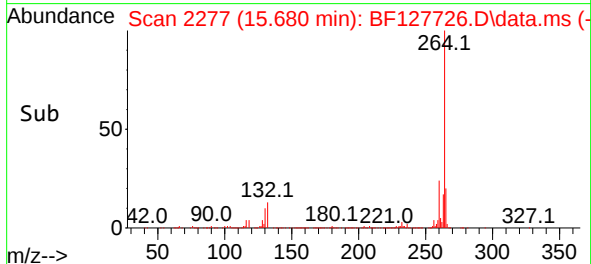
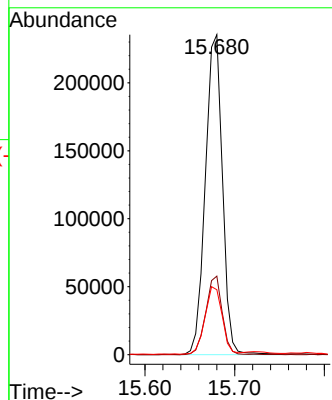
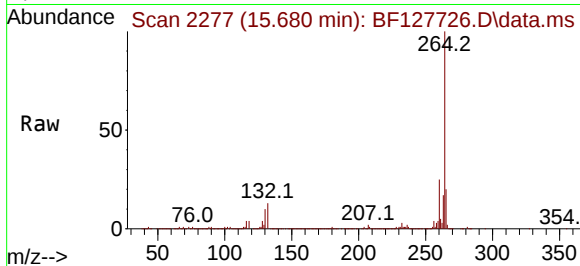




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF127726.D
 Acq: 08 Apr 2022 21:21

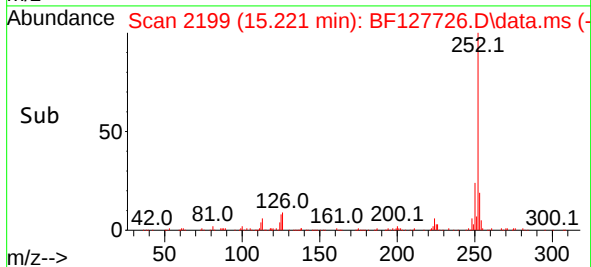
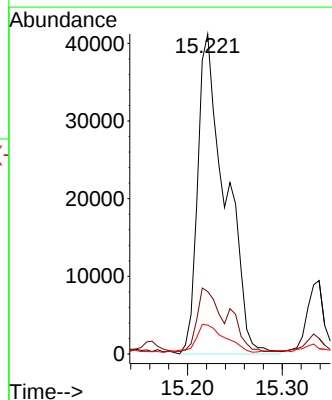
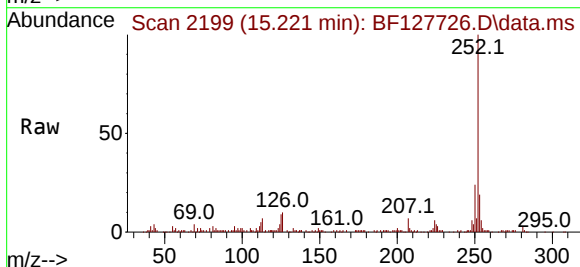
Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

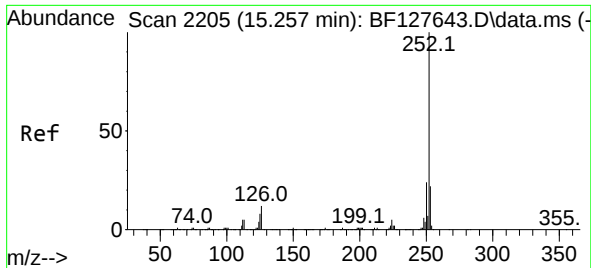
Tgt Ion:264 Resp: 311749
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 20.3 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 4.197 ng
 RT: 15.221 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF127726.D
 Acq: 08 Apr 2022 21:21

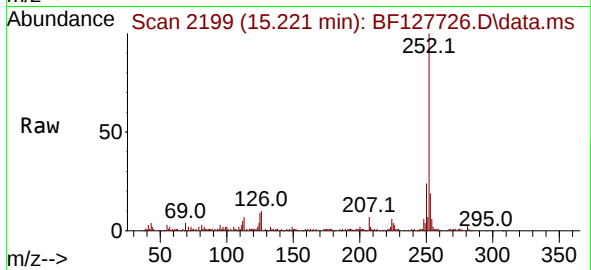
Tgt Ion:252 Resp: 84165
 Ion Ratio Lower Upper
 252 100
 253 19.5 17.9 26.9
 125 9.0 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 4.231 ng
RT: 15.221 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF127726.D
Acq: 08 Apr 2022 21:21

Instrument :
BNA_F
ClientSampleId :
RBR-346



Tgt Ion:252 Resp: 84165
Ion Ratio Lower Upper
252 100
253 19.5 17.3 25.9
125 9.0 6.9 10.3

