

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127727.D
 Acq On : 08 Apr 2022 21:51
 Operator : CG\JU
 Sample : N2329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285

Quant Time: Apr 11 02:23:37 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)

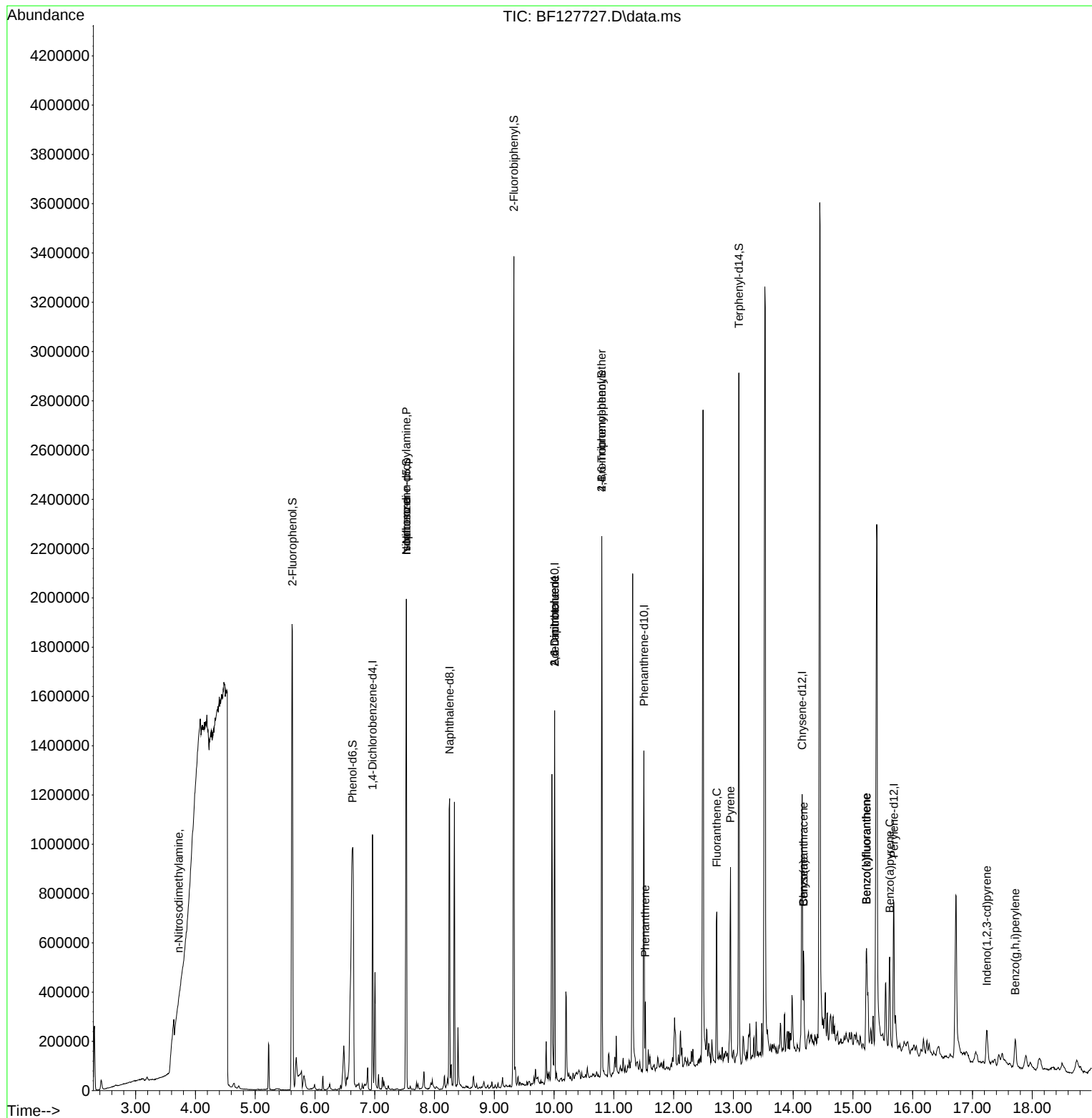
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	141603	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	510562	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	283893	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	453633	20.000	ng	0.00
76) Chrysene-d12	14.151	240	298343	20.000	ng	0.00
86) Perylene-d12	15.686	264	302633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	740264	84.946	ng	0.04
7) Phenol-d6	6.628	99	1006746	88.307	ng	0.05
23) Nitrobenzene-d5	7.528	82	638066	55.715	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	238352	78.897	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	989526	49.309	ng	0.00
79) Terphenyl-d14	13.092	244	928135	51.350	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.722	42	46537	7.948	ng	# 1
9) Benzaldehyde	6.522	77	589	Below Cal		# 67
19) n-Nitroso-di-n-propyla...	7.528	70	86360	11.712	ng	# 77
25) Isophorone	7.528	82	638001	31.926	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	37949	9.784	ng	# 19
57) 2,4-Dinitrotoluene	10.010	165	37949	7.891	ng	# 15
67) 4-Bromophenyl-phenylether	10.798	248	15501	2.816	ng	# 1
71) Phenanthrene	11.527	178	99218	4.128	ng	97
75) Fluoranthene	12.721	202	244262	9.313	ng	99
78) Pyrene	12.951	202	306208	12.155	ng	99
81) Benzo(a)anthracene	14.174	228	169940	8.529	ng	94
83) Chrysene	14.174	228	169940	8.885	ng	97
87) Indeno(1,2,3-cd)pyrene	17.239	276	103461	5.472	ng	96
88) Benzo(b)fluoranthene	15.227	252	332540	17.081	ng	100
89) Benzo(k)fluoranthene	15.227	252	332540	17.222	ng	98
90) Benzo(a)pyrene	15.615	252	193707	12.242	ng	98
92) Benzo(g,h,i)perylene	17.715	276	98078	6.245	ng	97

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

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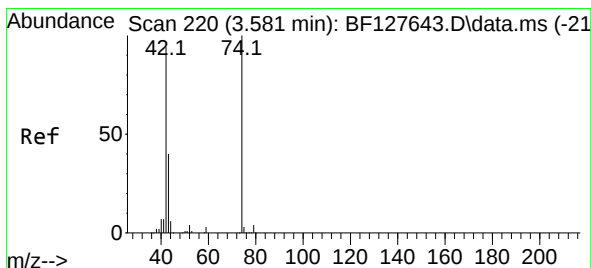
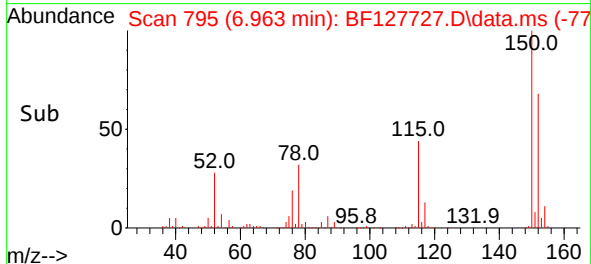
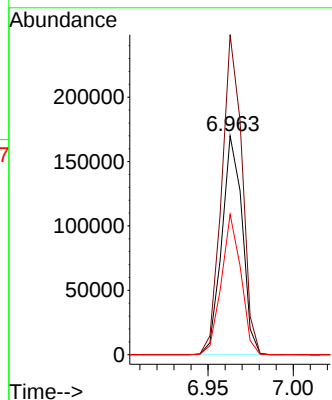
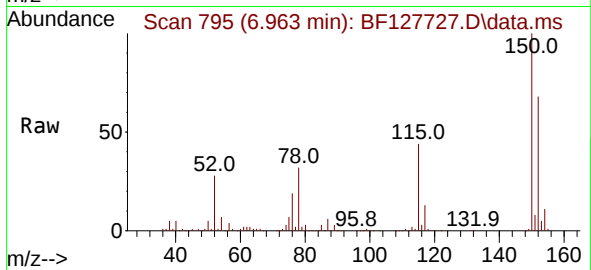




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

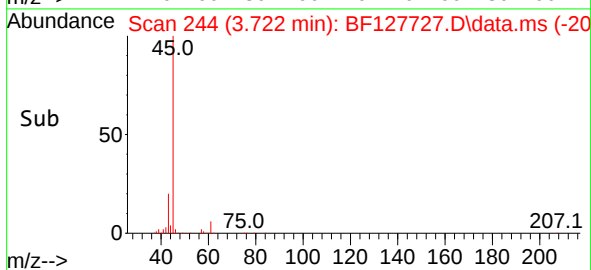
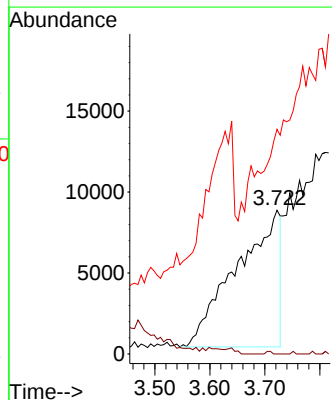
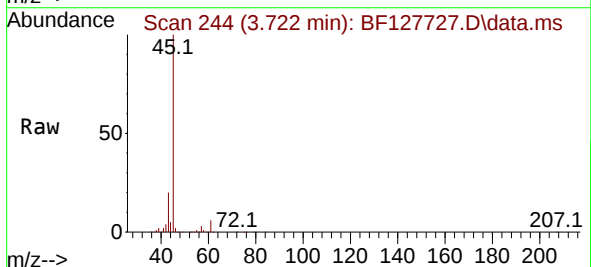
Instrument :
BNA_F
ClientSampleId :
285

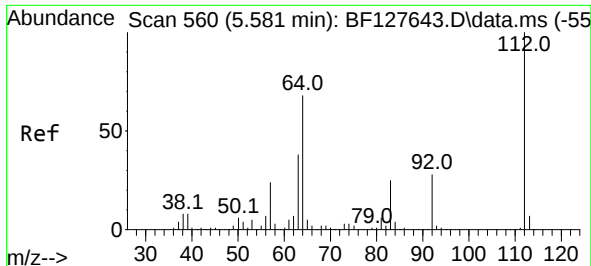
Tgt Ion:152 Resp: 141603
Ion Ratio Lower Upper
152 100
150 146.2 117.2 175.8
115 64.1 49.8 74.6



#4
n-Nitrosodimethylamine
Concen: 7.948 ng
RT: 3.722 min Scan# 244
Delta R.T. 0.141 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 42 Resp: 46537
Ion Ratio Lower Upper
42 100
74 0.0 92.4 138.6#
44 156.4 6.0 9.0#

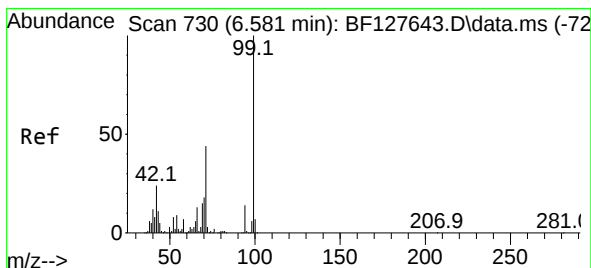
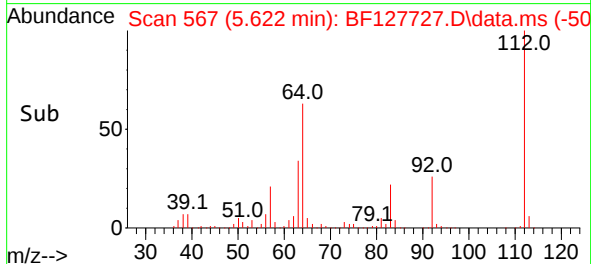
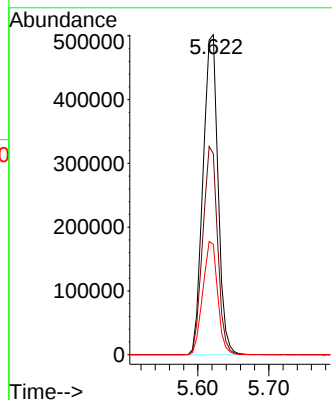
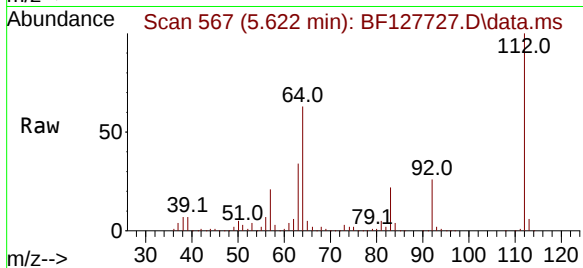




#5
2-Fluorophenol
Concen: 84.946 ng
RT: 5.622 min Scan# 50
Delta R.T. 0.041 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

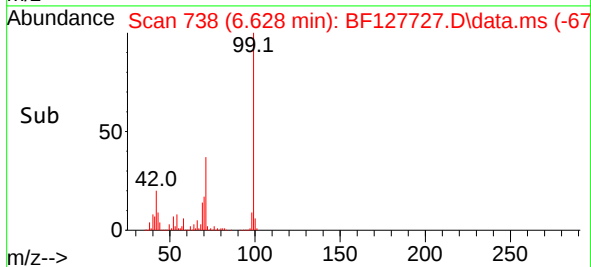
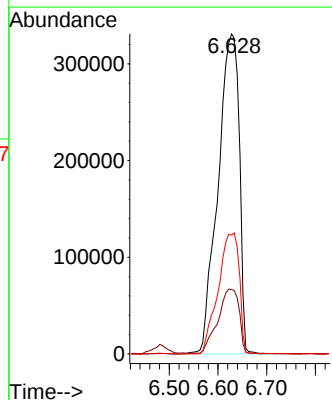
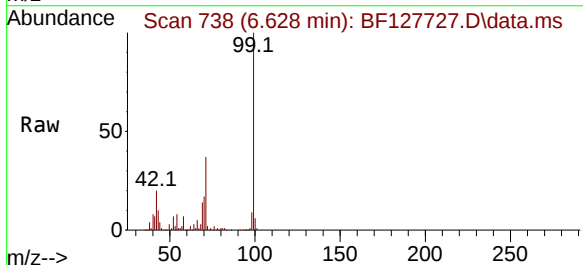
Instrument :
BNA_F
ClientSampleId :
285

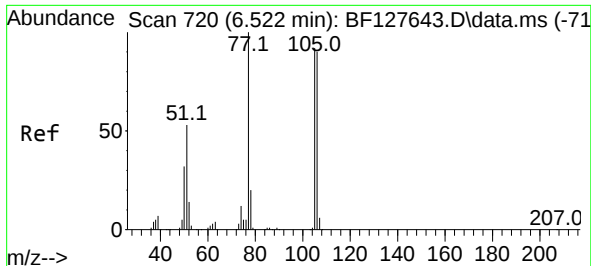
Tgt Ion:112 Resp: 740264
Ion Ratio Lower Upper
112 100
64 62.8 58.4 87.6
63 34.5 30.1 45.1



#7
Phenol-d6
Concen: 88.307 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.047 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 99 Resp: 1006746
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.6
71 37.1 29.6 44.4

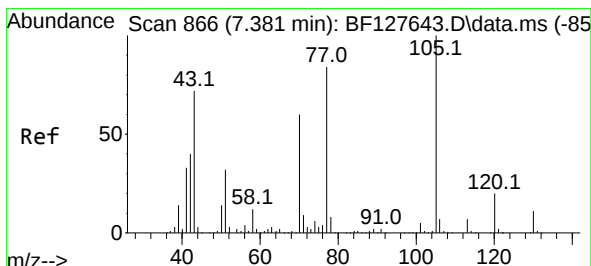
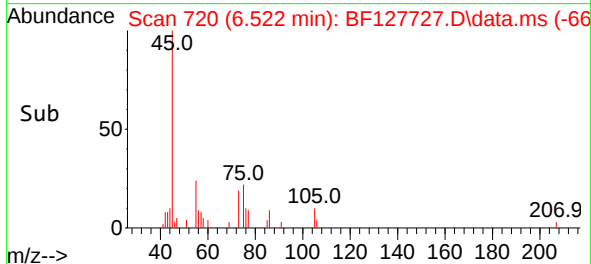
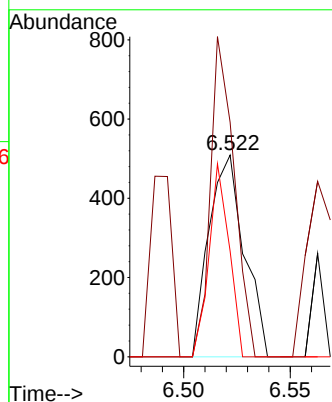
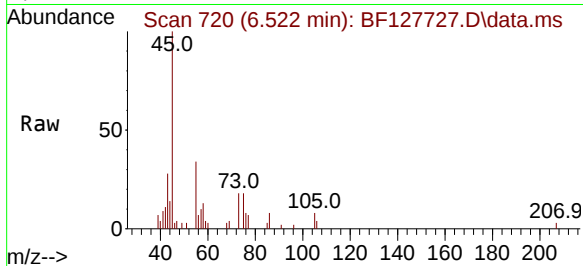




#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

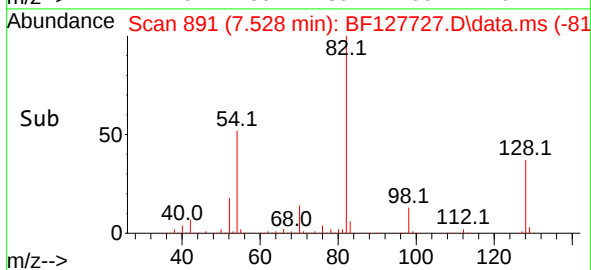
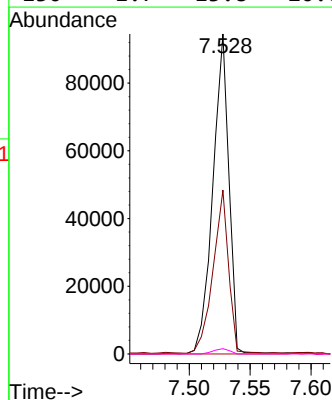
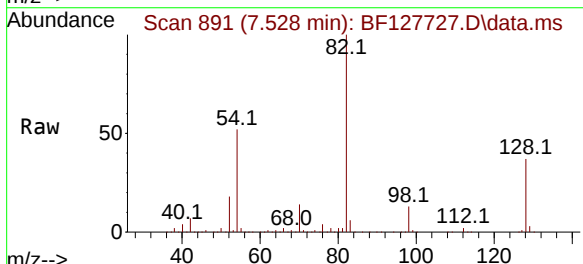
Instrument :
BNA_F
ClientSampleId :
285

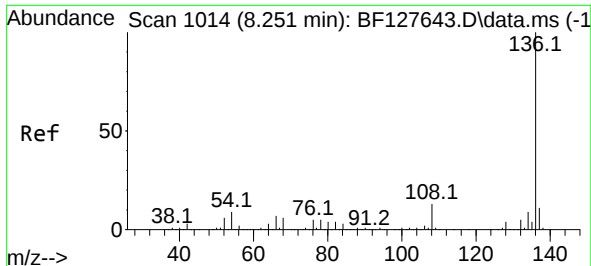
Tgt Ion: 77 Resp: 589
Ion Ratio Lower Upper
77 100
105 116.3 66.8 106.8#
106 52.5 64.3 104.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.712 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 70 Resp: 86360
Ion Ratio Lower Upper
70 100
42 51.2 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#

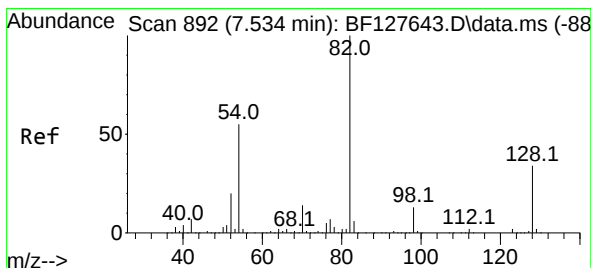
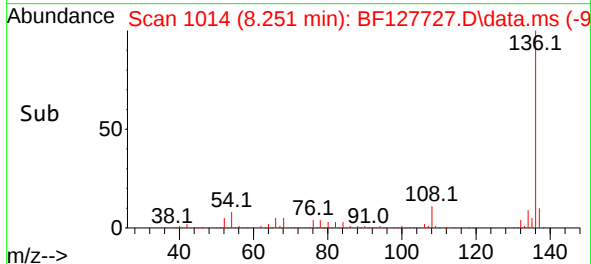
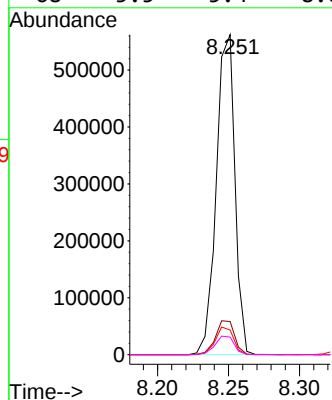
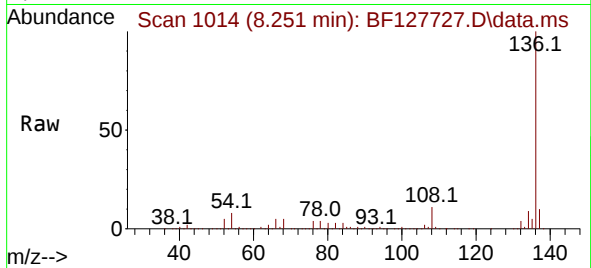




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

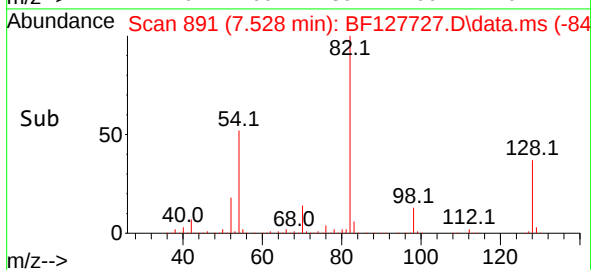
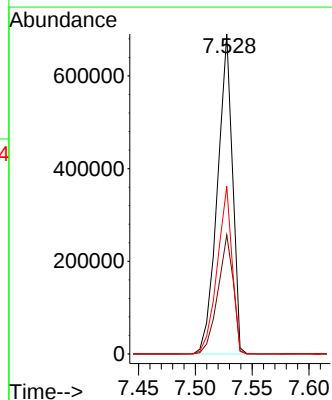
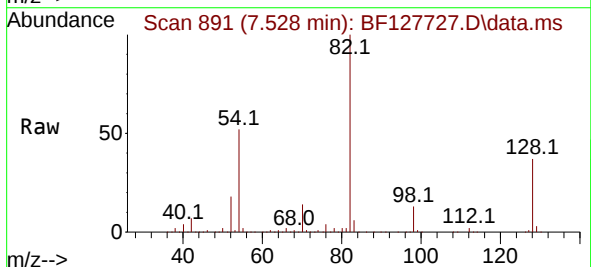
Instrument :
BNA_F
ClientSampleId :
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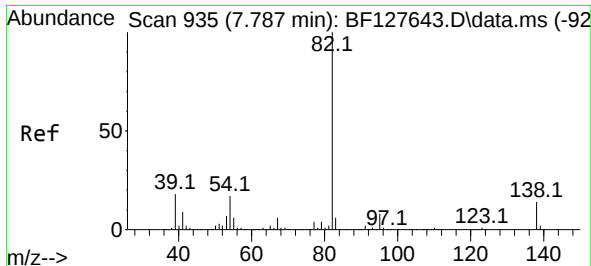
Tgt Ion:	136	Resp:	510562
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	7.7	9.2	13.8#
68	5.5	5.4	8.0



#23
Nitrobenzene-d5
Concen: 55.715 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion:	82	Resp:	638066
Ion Ratio	Lower	Upper	
82	100		
128	37.2	30.6	45.8
54	52.4	48.2	72.2

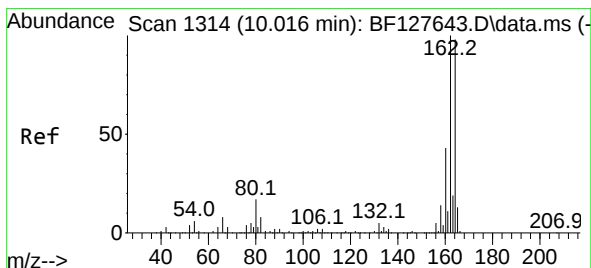
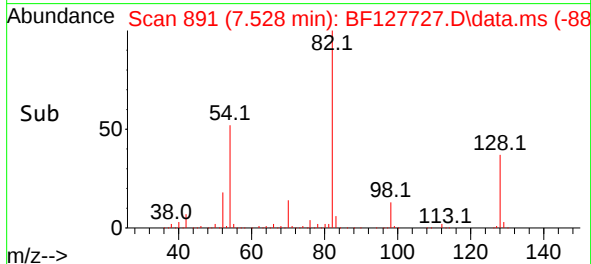
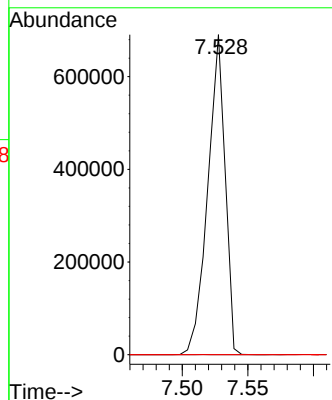
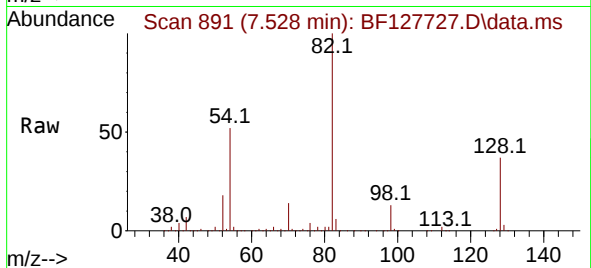




#25
Isophorone
Concen: 31.926 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

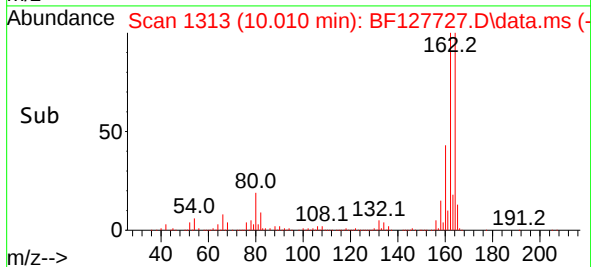
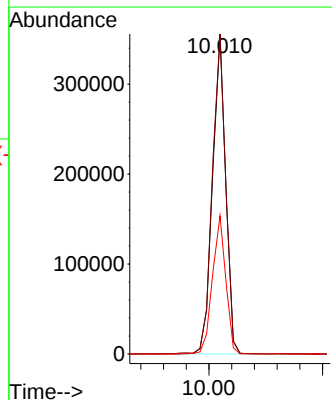
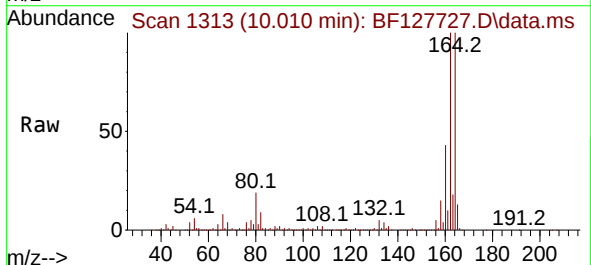
Instrument :
BNA_F
ClientSampleId :
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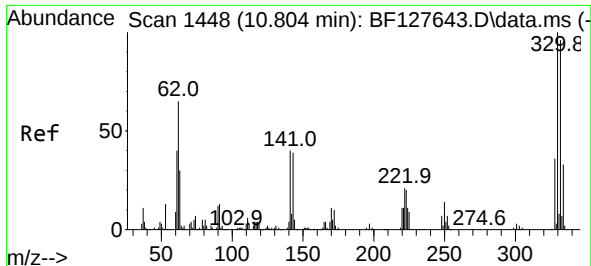
Tgt Ion: 82 Resp: 638001
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 164 Resp: 283893
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.3 34.6 52.0

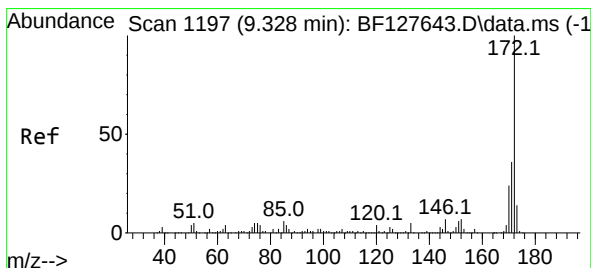
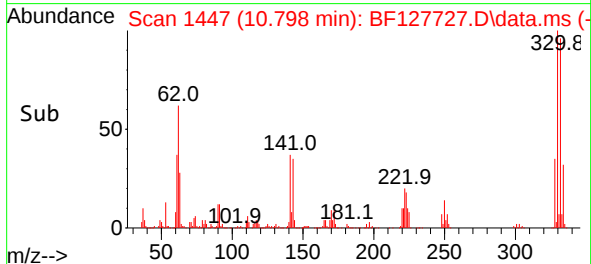
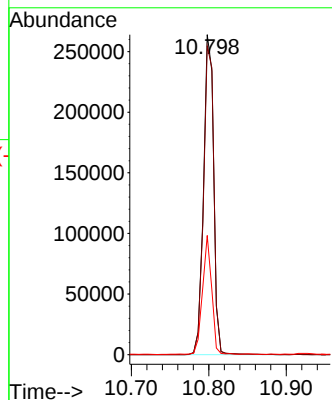
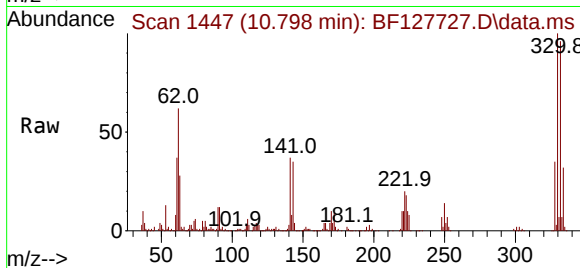




#42
2,4,6-Tribromophenol
Concen: 78.897 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

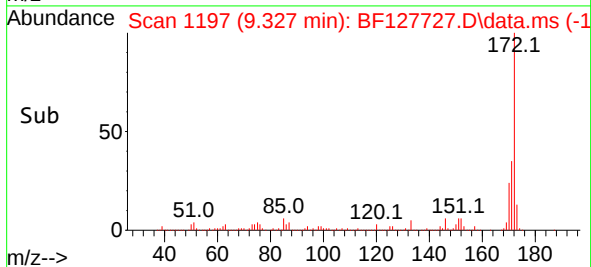
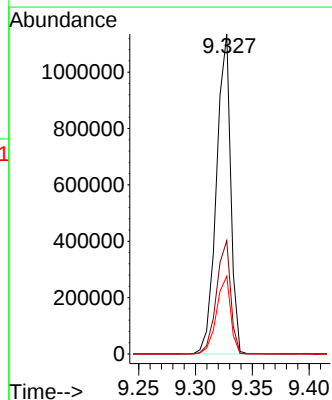
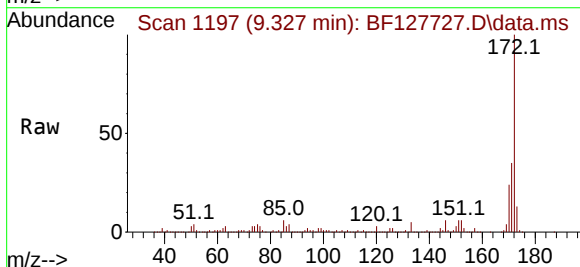
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ClientSampleId :
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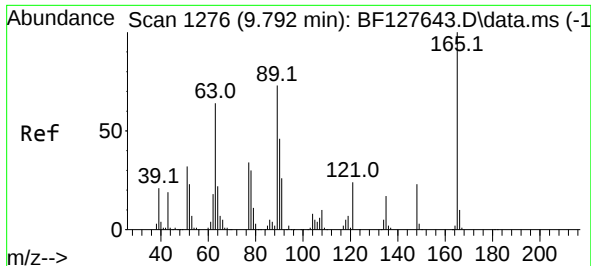
Tgt Ion: 330 Resp: 238352
Ion Ratio Lower Upper
330 100
332 98.6 79.1 118.7
141 33.9 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 49.309 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion: 172 Resp: 989526
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.3 18.6 27.8

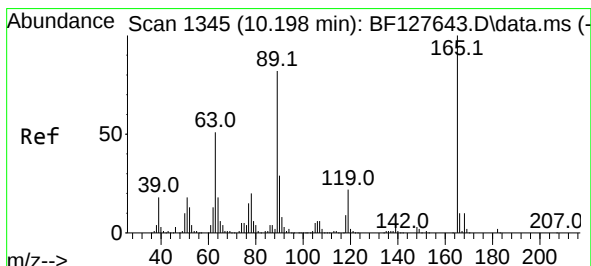
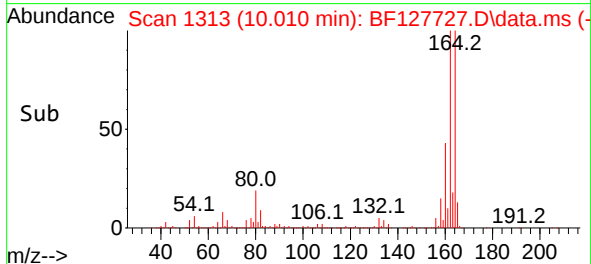
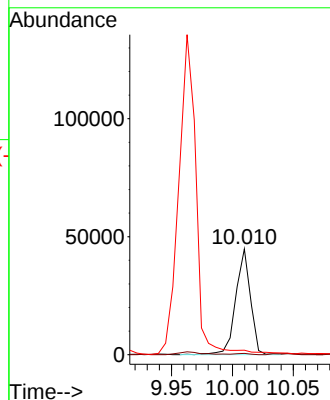
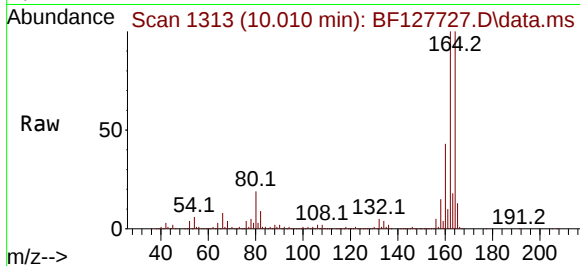




#51
2,6-Dinitrotoluene
Concen: 9.784 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

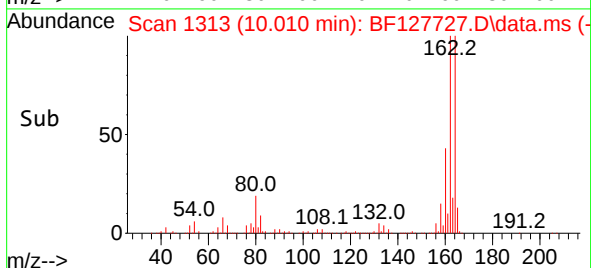
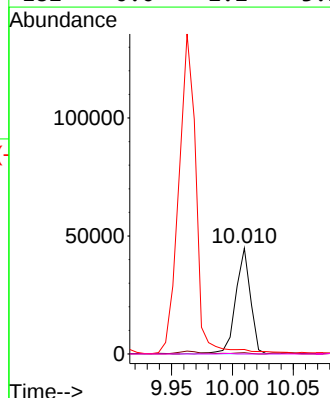
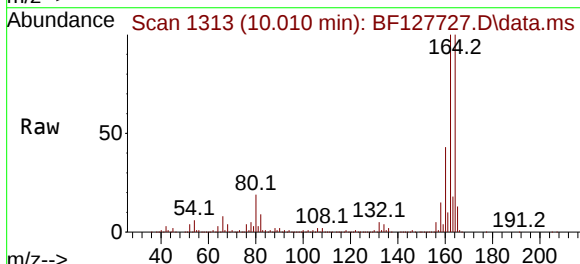
Instrument :
BNA_F
ClientSampleId :
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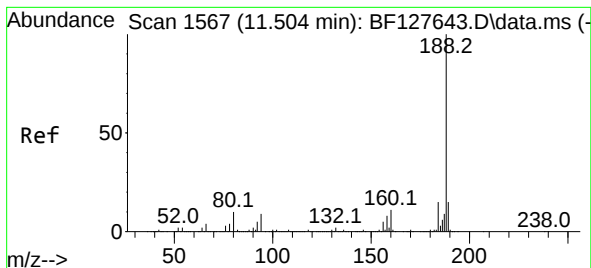
Tgt Ion:165 Resp: 37949
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 4.2 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.891 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion:165 Resp: 37949
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 4.2 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

Instrument :

BNA_F

ClientSampleId :

285

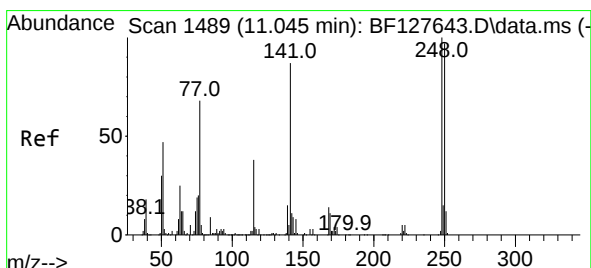
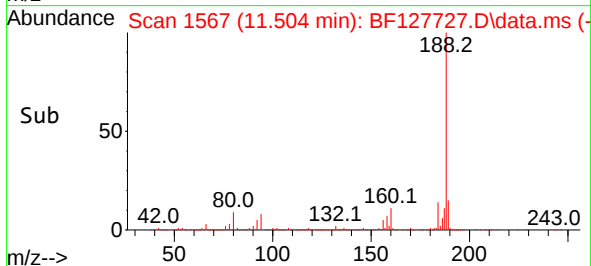
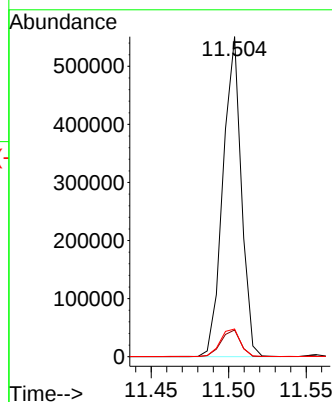
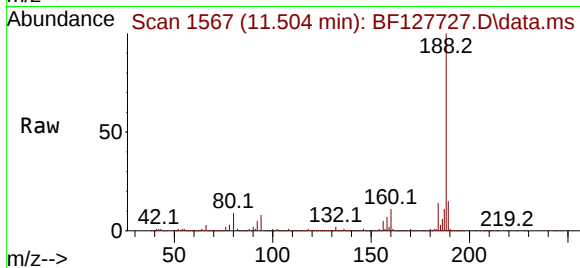
Tgt Ion:188 Resp: 453633

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.0

80 8.7 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 2.816 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.247 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

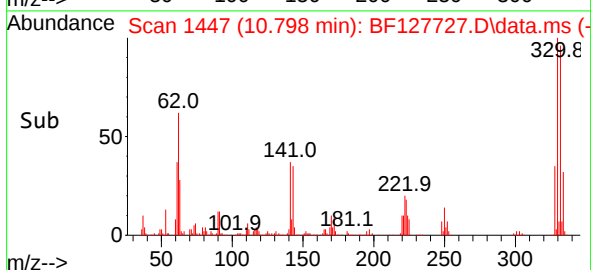
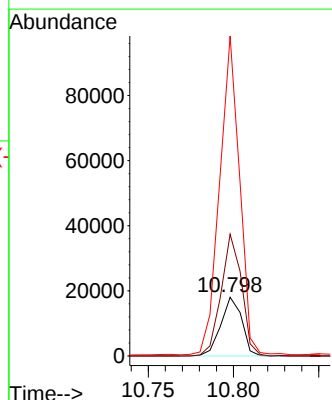
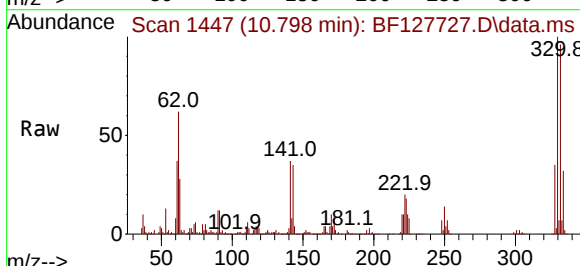
Tgt Ion:248 Resp: 15501

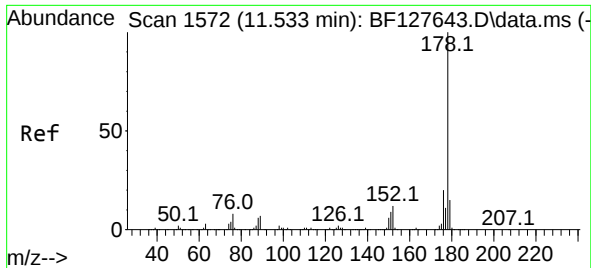
Ion Ratio Lower Upper

248 100

250 207.6 76.6 115.0#

141 545.3 52.2 78.2#

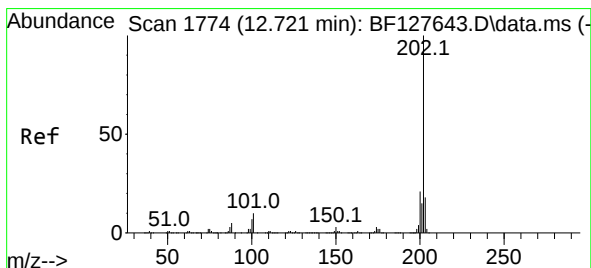
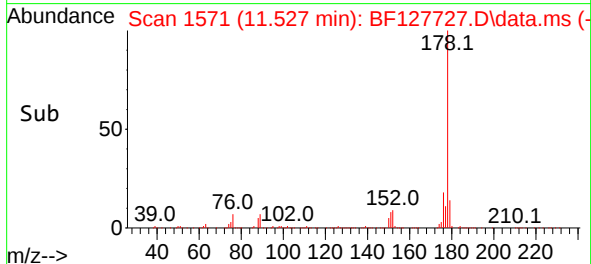
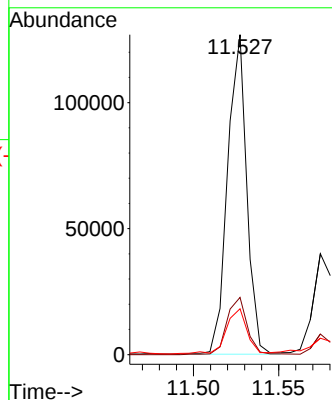
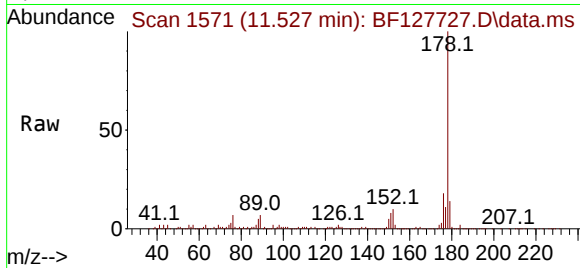




#71
Phenanthrene
Concen: 4.128 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

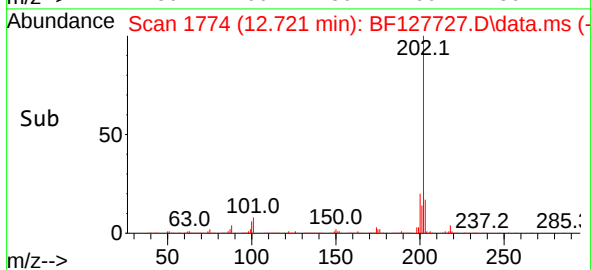
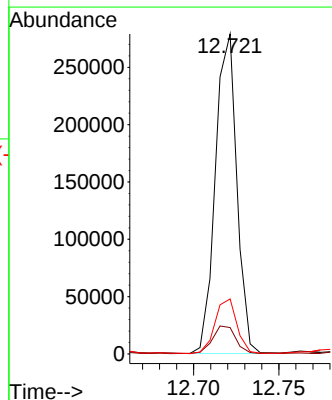
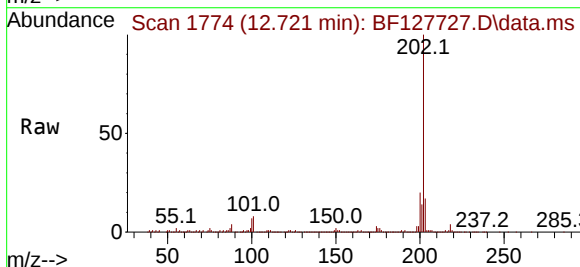
Instrument :
BNA_F
ClientSampleId :
285

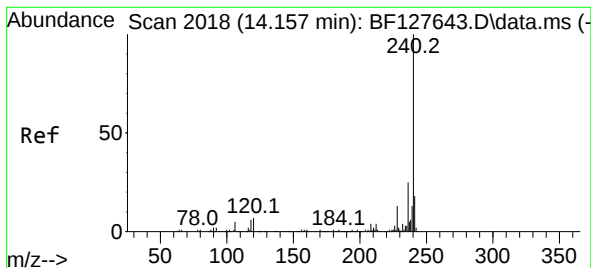
Tgt Ion:178 Resp: 99218
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.2
179 14.4 12.4 18.6



#75
Fluoranthene
Concen: 9.313 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion:202 Resp: 244262
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.0
203 17.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

Instrument :

BNA_F

ClientSampleId :

285

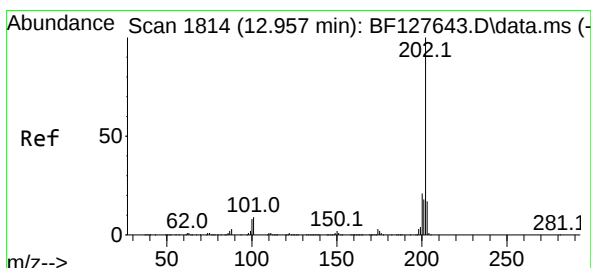
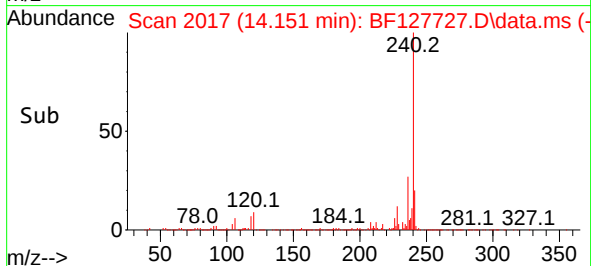
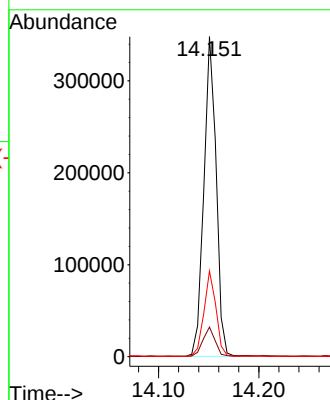
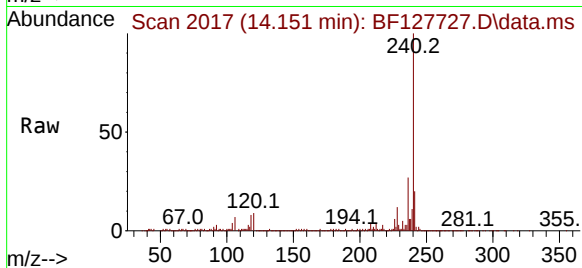
Tgt Ion:240 Resp: 298343

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

236 26.8 20.7 31.1



#78

Pyrene

Concen: 12.155 ng

RT: 12.951 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

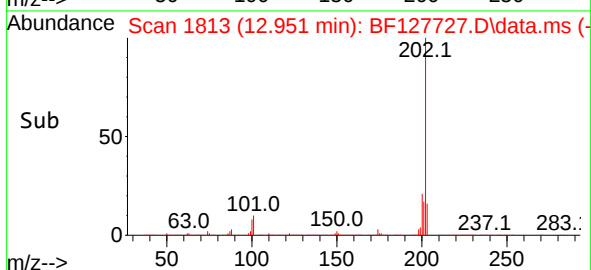
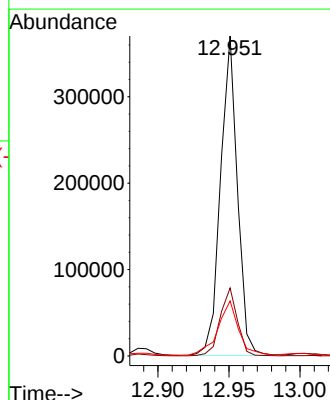
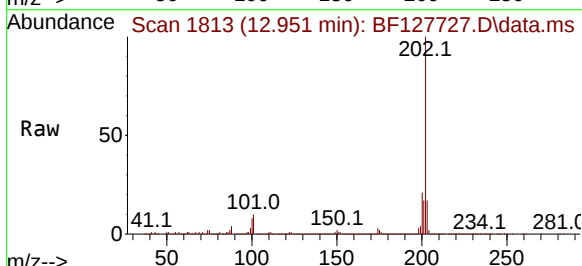
Tgt Ion:202 Resp: 306208

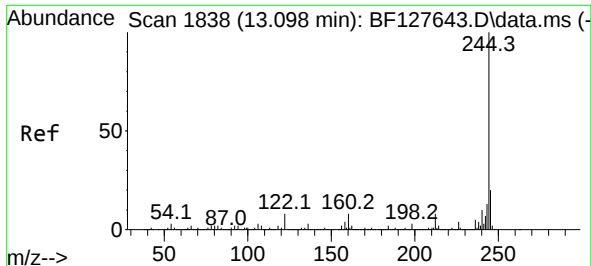
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.2 14.3 21.5

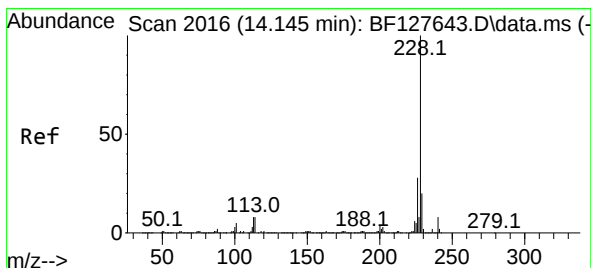
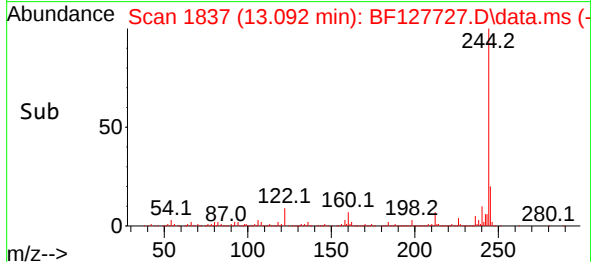
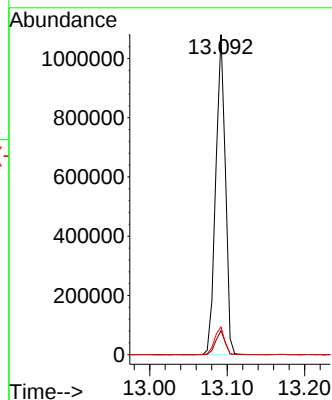
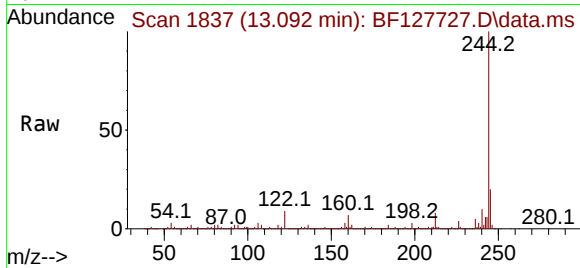




#79
 Terphenyl-d14
 Concen: 51.350 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127727.D
 Acq: 08 Apr 2022 21:51

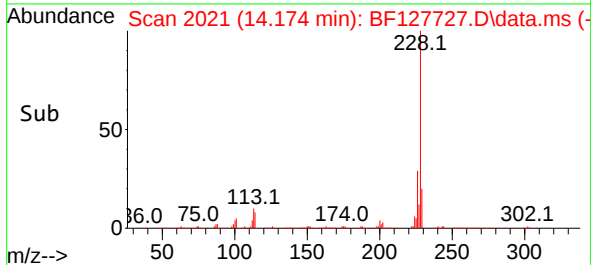
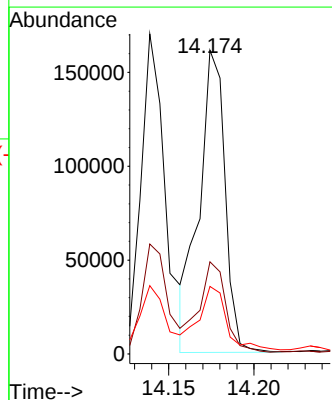
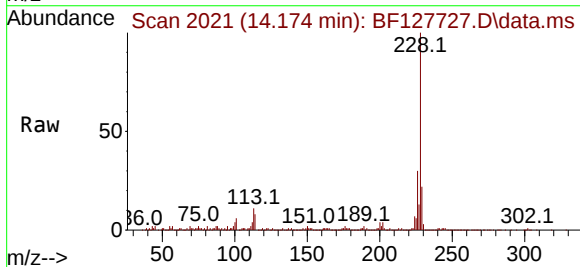
Instrument :
 BNA_F
 ClientSampleId :
 285

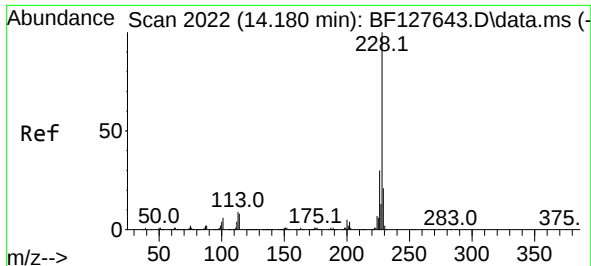
Tgt Ion:244 Resp: 928135
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 8.6 6.2 9.2



#81
 Benzo(a)anthracene
 Concen: 8.529 ng
 RT: 14.174 min Scan# 2021
 Delta R.T. 0.029 min
 Lab File: BF127727.D
 Acq: 08 Apr 2022 21:51

Tgt Ion:228 Resp: 169940
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.6 32.4
 229 22.2 15.4 23.2

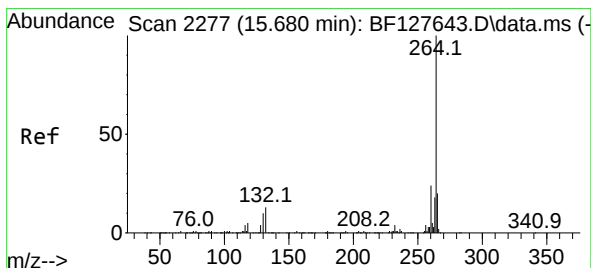
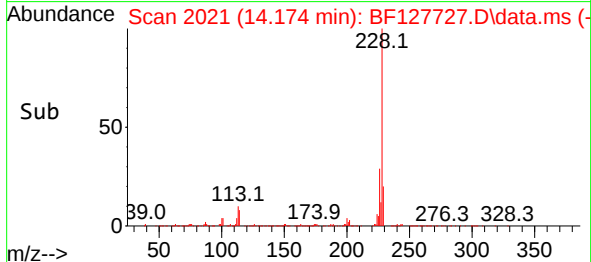
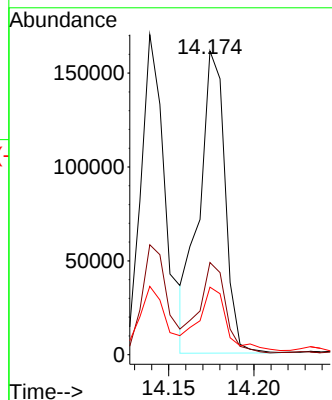
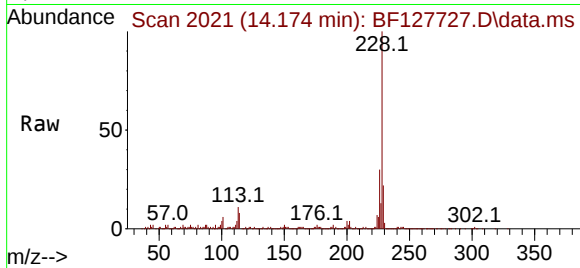




#83
Chrysene
Concen: 8.885 ng
RT: 14.174 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

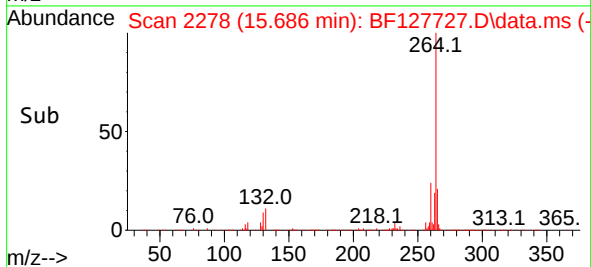
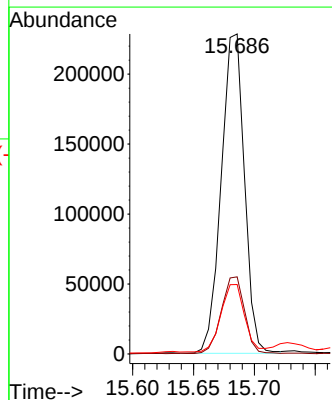
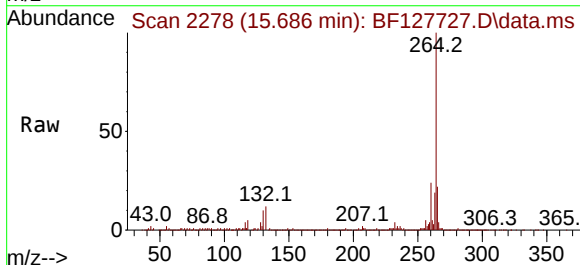
Instrument :
BNA_F
ClientSampleId :
285

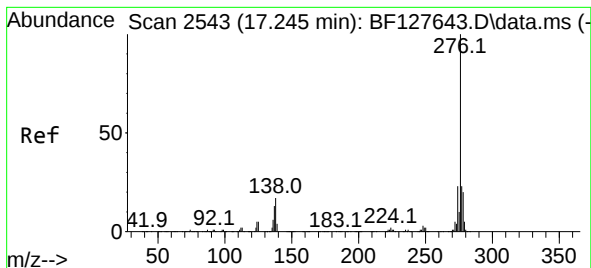
Tgt Ion:228 Resp: 169940
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 22.2 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

Tgt Ion:264 Resp: 302633
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.472 ng

RT: 17.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

Instrument :

BNA_F

ClientSampleId :

285

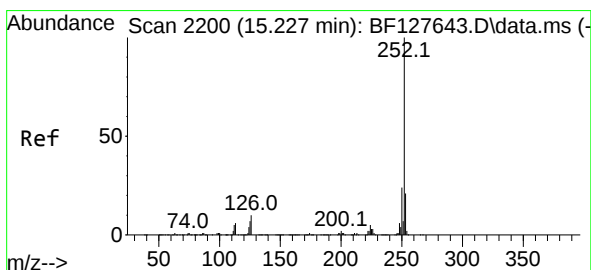
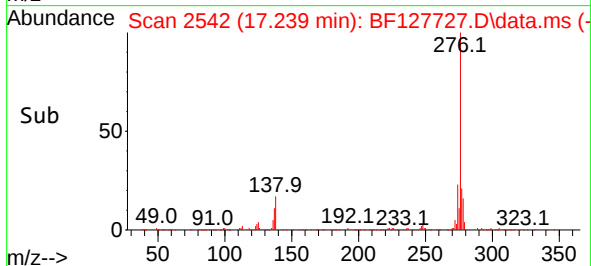
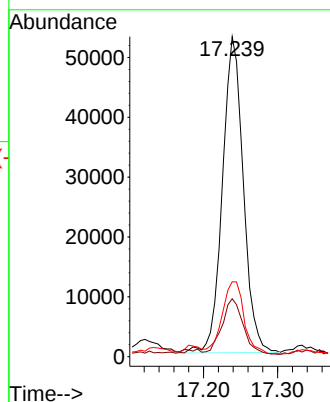
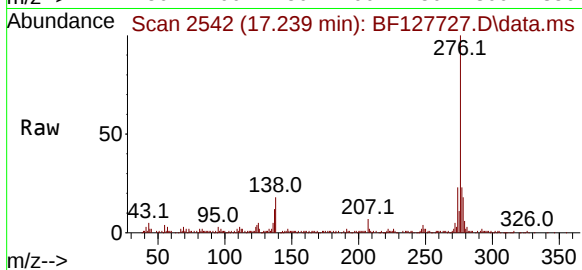
Tgt Ion:276 Resp: 103461

Ion Ratio Lower Upper

276 100

138 18.0 17.1 25.7

277 24.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 17.081 ng

RT: 15.227 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

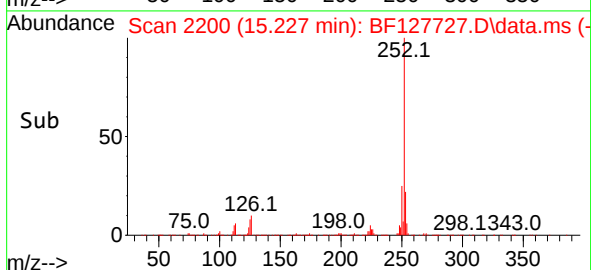
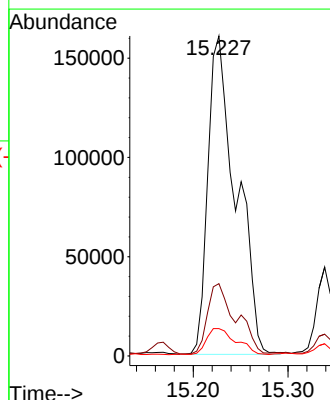
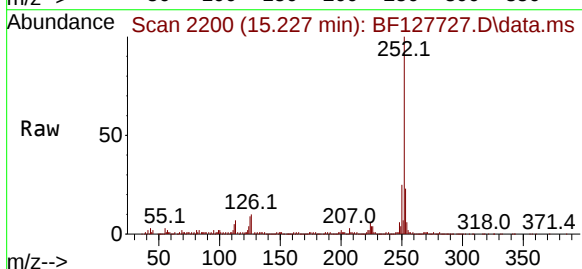
Tgt Ion:252 Resp: 332540

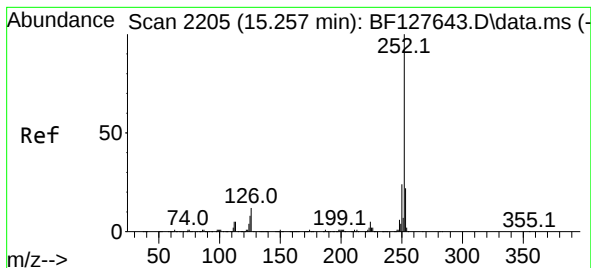
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 17.222 ng

RT: 15.227 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

Instrument :

BNA_F

ClientSampleId :

285

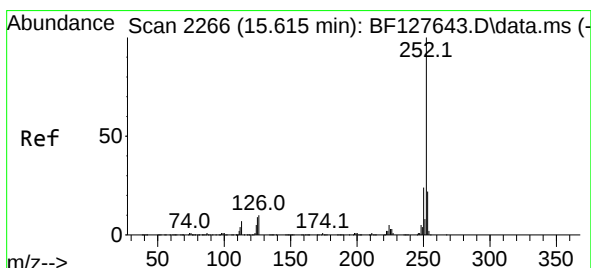
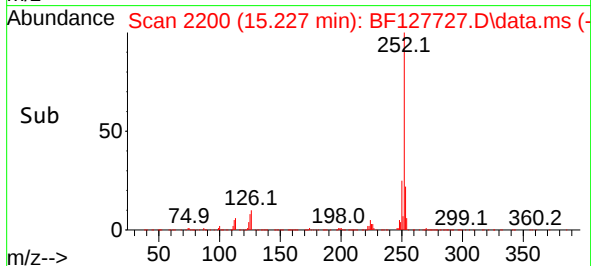
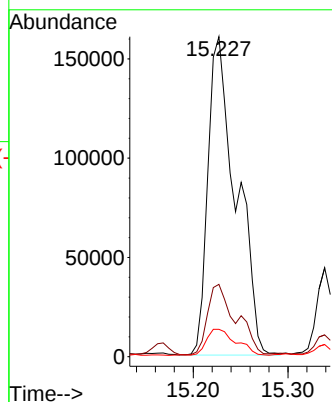
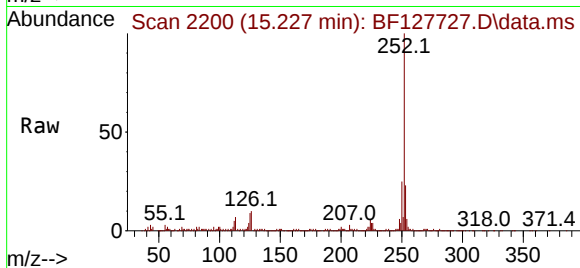
Tgt Ion:252 Resp: 332540

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 8.5 6.9 10.3



#90

Benzo(a)pyrene

Concen: 12.242 ng

RT: 15.615 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

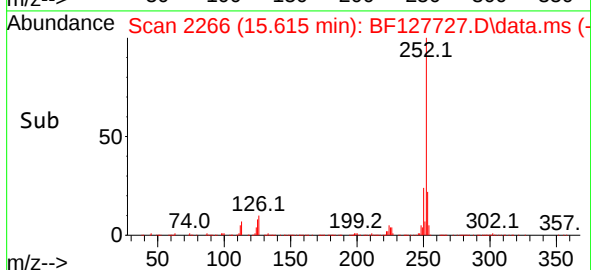
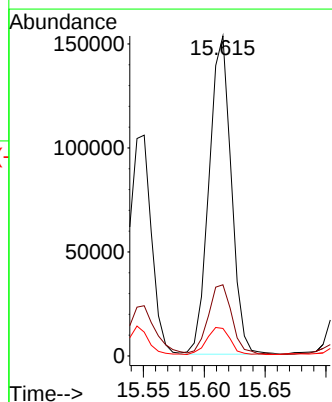
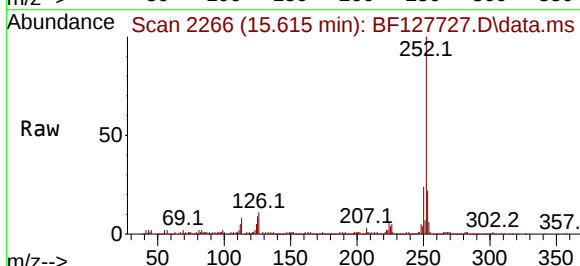
Tgt Ion:252 Resp: 193707

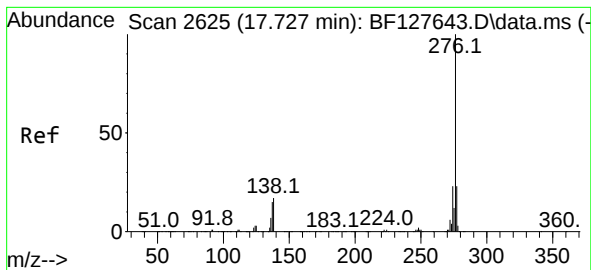
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 8.6 6.7 10.1





#92

Benzo(g,h,i)perylene

Concen: 6.245 ng

RT: 17.715 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127727.D

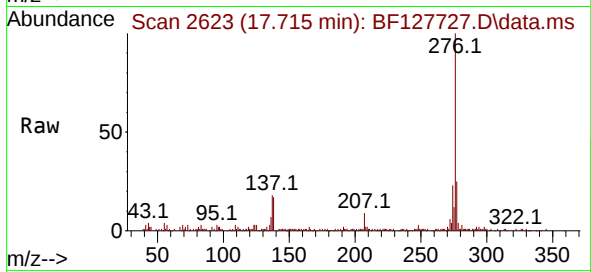
Acq: 08 Apr 2022 21:51

Instrument :

BNA_F

ClientSampleId :

285



Tgt Ion:276 Resp: 98078

Ion Ratio Lower Upper

276 100

277 25.4 19.0 28.4

138 17.5 14.6 22.0

