

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127243.D
 Acq On : 08 Mar 2022 02:18
 Operator : CG\JU
 Sample : N1790-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-20

Quant Time: Mar 08 02:46:57 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)

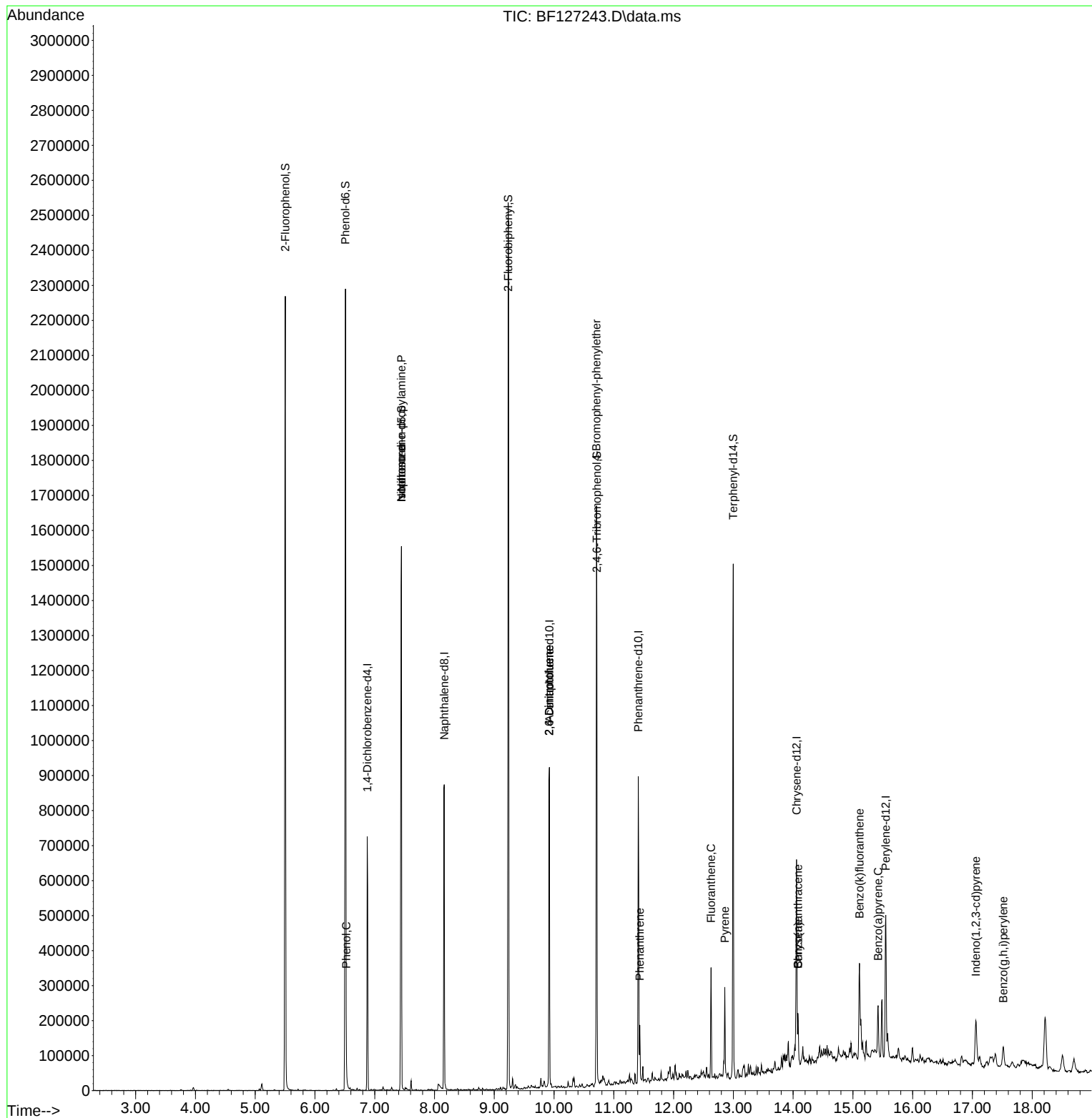
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	96039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	383862	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	187952	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	281528	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	155744	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	173990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	572947	92.205	ng	0.00
7) Phenol-d6	6.510	99	750380	89.495	ng	0.00
23) Nitrobenzene-d5	7.445	82	524821	61.712	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198786	91.860	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	740069	57.967	ng	0.00
79) Terphenyl-d14	12.998	244	473056	44.651	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	21806	2.574	ng	86
19) n-Nitroso-di-n-propyla...	7.445	70	71018	13.145	ng	# 77
25) Isophorone	7.445	82	523921	37.230	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	23812	8.712	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	23812	6.443	ng	# 16
67) 4-Bromophenyl-phenylether	10.710	248	11561	3.675	ng	# 1
71) Phenanthrene	11.433	178	48853	3.100	ng	99
75) Fluoranthene	12.627	202	106762	7.136	ng	94
78) Pyrene	12.857	202	89233	6.595	ng	98
81) Benzo(a)anthracene	14.080	228	60613	5.773	ng	95
83) Chrysene	14.080	228	60613	6.139	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	49463	4.336	ng	# 82
89) Benzo(k)fluoranthene	15.110	252	178445	15.832	ng	# 95
90) Benzo(a)pyrene	15.421	252	66920	7.331	ng	98
92) Benzo(g,h,i)perylene	17.515	276	43153	4.639	ng	# 87

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

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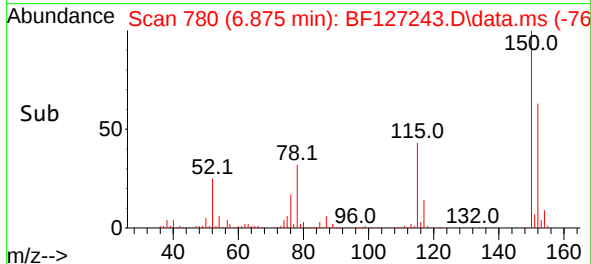
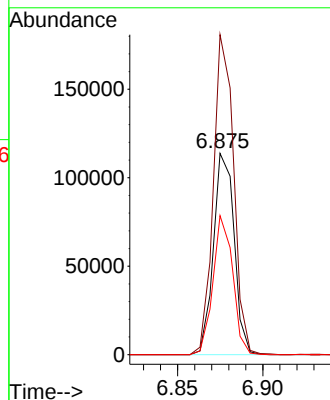
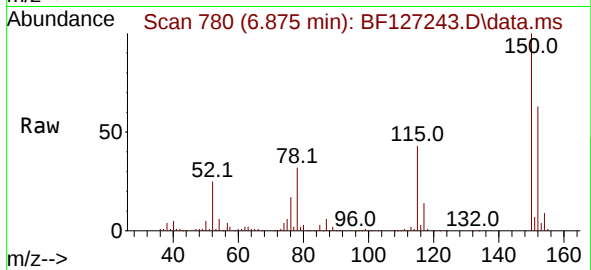




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

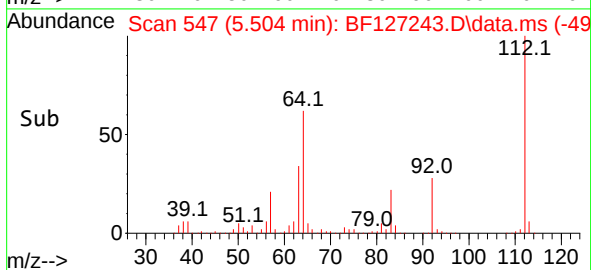
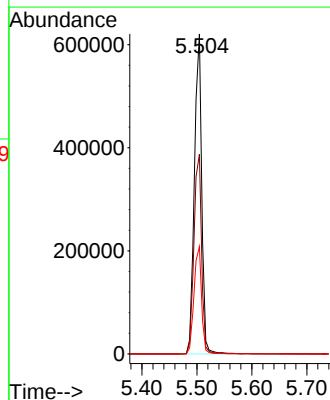
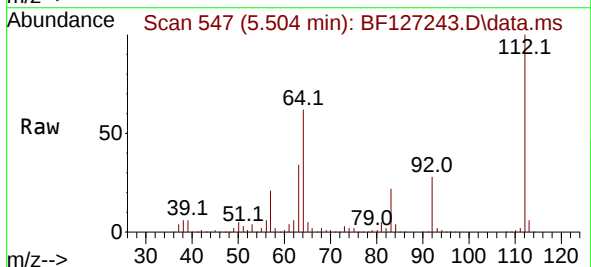
Instrument :
BNA_F
ClientSampleId :
DUM-20

Tgt Ion:152 Resp: 96039
Ion Ratio Lower Upper
152 100
150 158.9 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 92.205 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:112 Resp: 572947
Ion Ratio Lower Upper
112 100
64 62.4 49.5 74.3
63 33.5 23.9 35.9

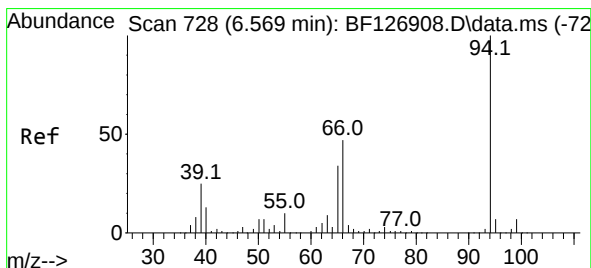
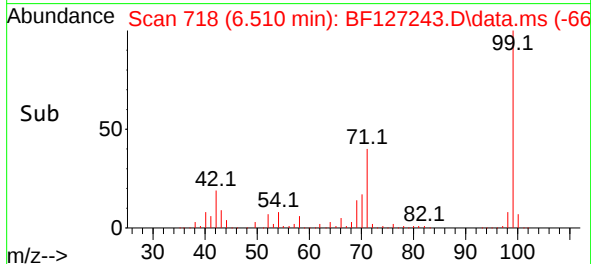
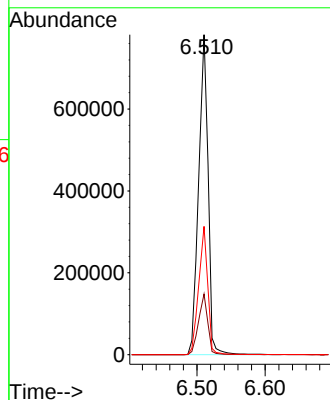
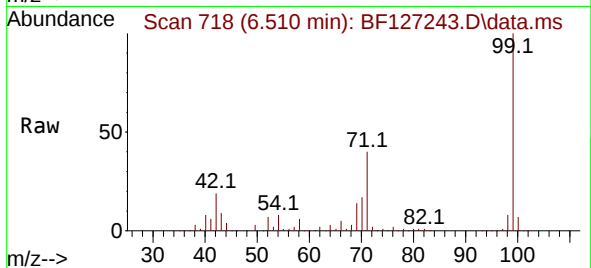




#7
Phenol-d6
Concen: 89.495 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

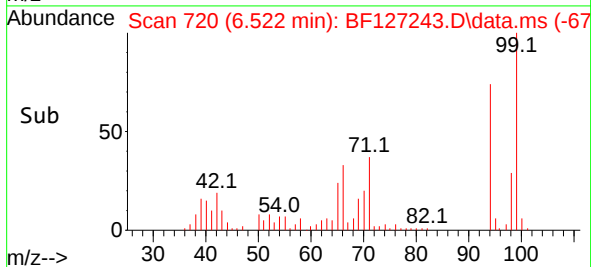
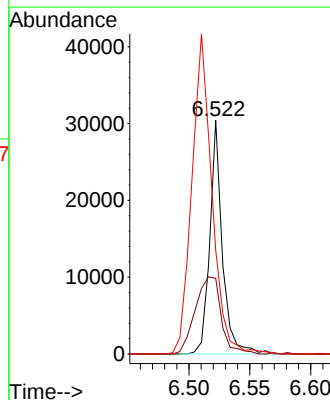
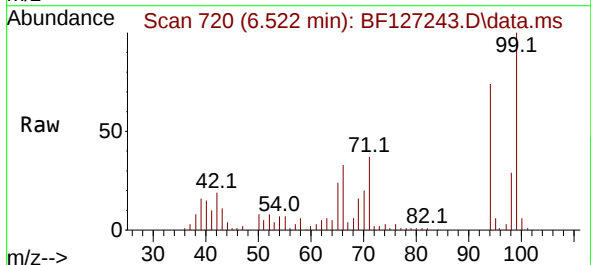
Instrument :
BNA_F
ClientSampleId :
DUM-20

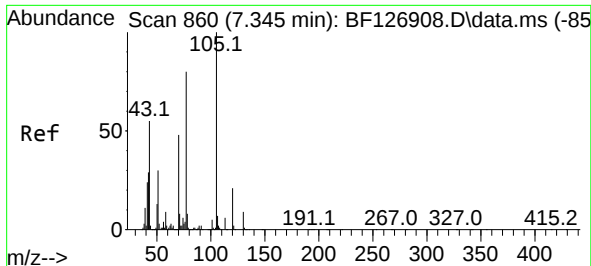
Tgt Ion: 99 Resp: 750380
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 40.1 24.3 36.5#



#10
Phenol
Concen: 2.574 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion: 94 Resp: 21806
Ion Ratio Lower Upper
94 100
65 32.4 7.2 47.2
66 44.5 14.5 54.5

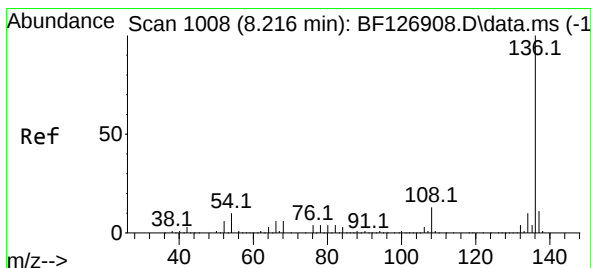
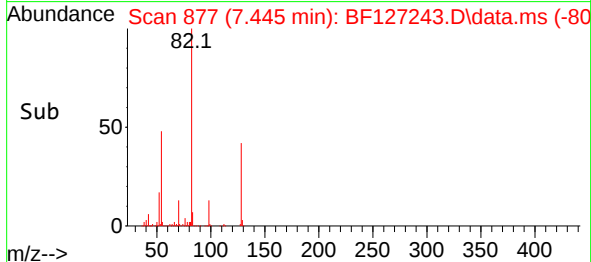
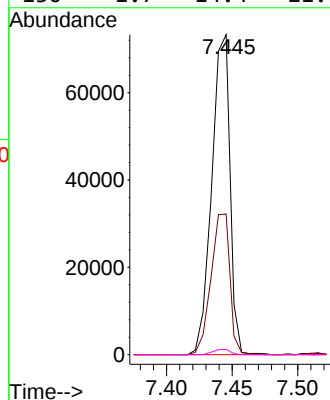
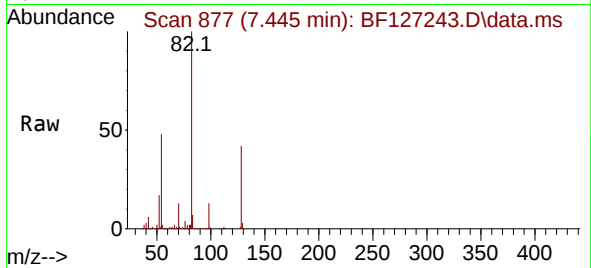




#19
n-Nitroso-di-n-propylamine
Concen: 13.145 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

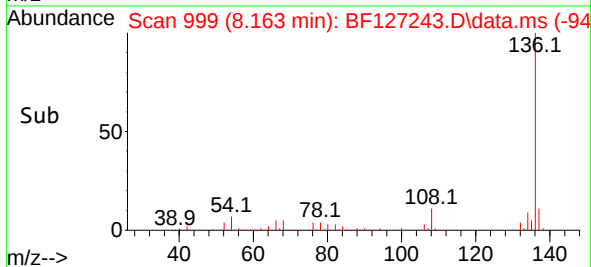
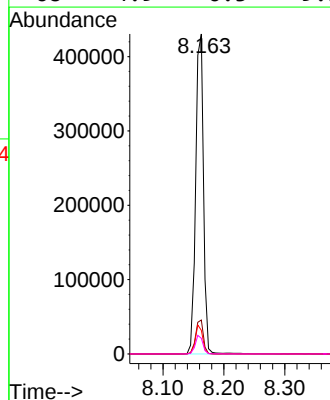
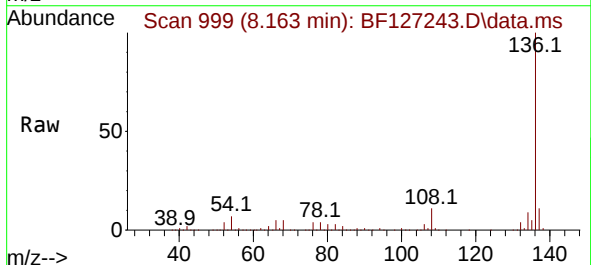
Instrument :
BNA_F
ClientSampleId :
DUM-20

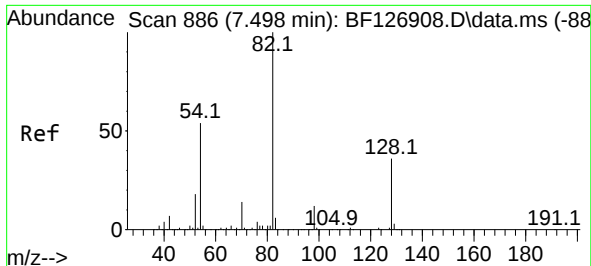
Tgt Ion:	70	Resp:	71018
Ion	Ratio	Lower	Upper
70	100		
42	44.0	45.8	68.8#
101	0.0	6.9	10.3#
130	1.7	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:	136	Resp:	383862
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.4	7.8	11.6#
68	4.9	6.3	9.5#

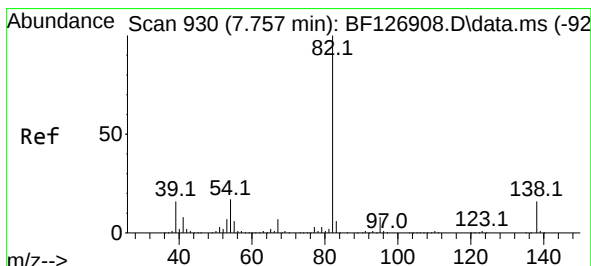
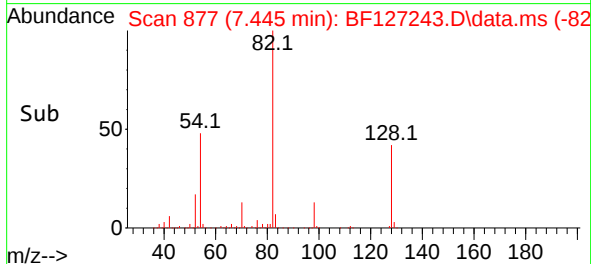
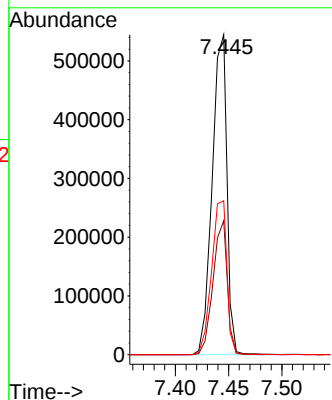
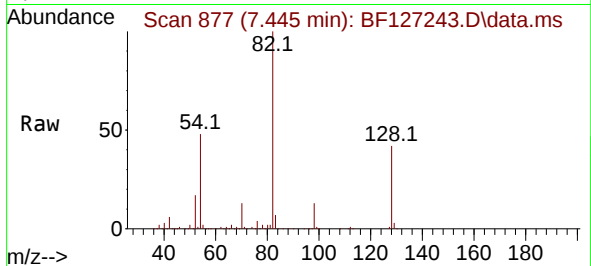




#23
Nitrobenzene-d5
Concen: 61.712 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

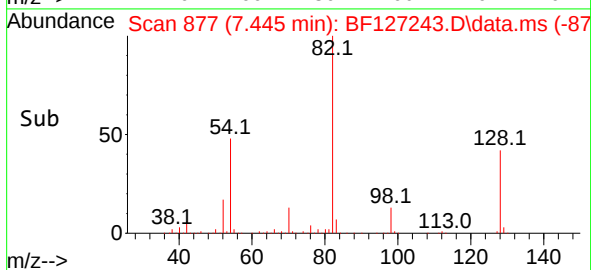
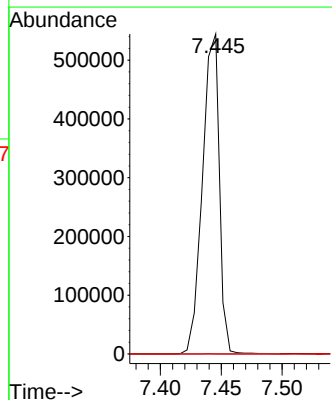
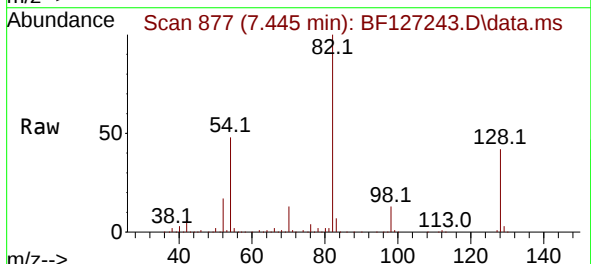
Instrument :
BNA_F
ClientSampleId :
DUM-20

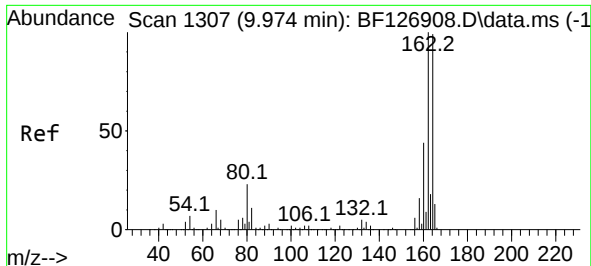
Tgt Ion: 82 Resp: 524821
Ion Ratio Lower Upper
82 100
128 41.8 32.7 49.1
54 48.1 41.7 62.5



#25
Isophorone
Concen: 37.230 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.259 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion: 82 Resp: 523921
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

Instrument :

BNA_F

ClientSampleId :

DUM-20

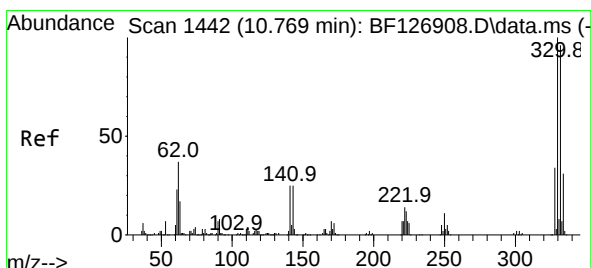
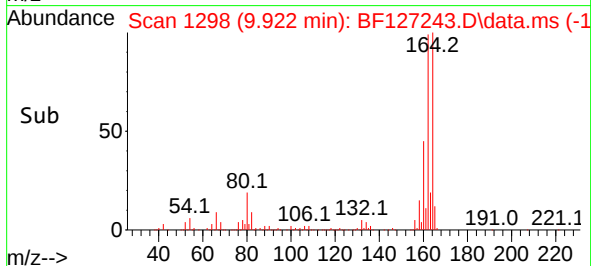
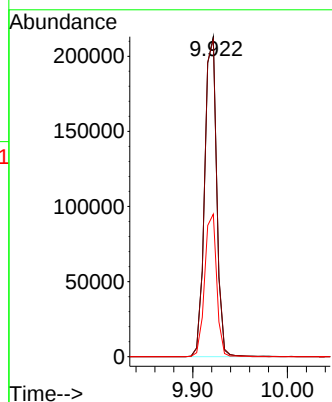
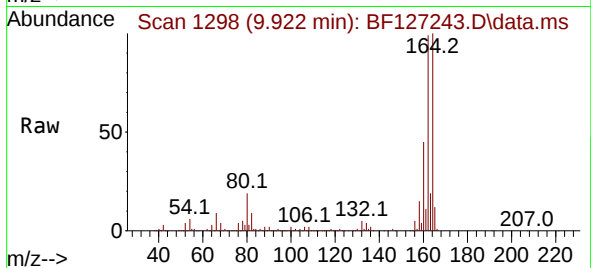
Tgt Ion:164 Resp: 187952

Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.0

160 44.6 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 91.860 ng

RT: 10.716 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

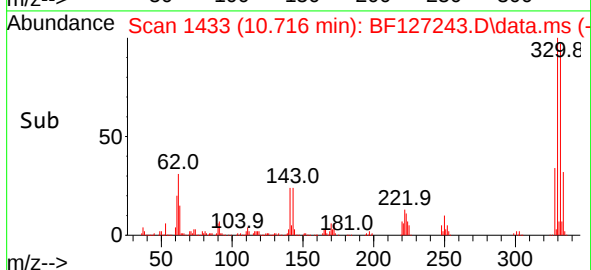
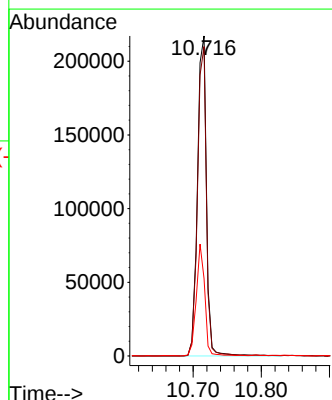
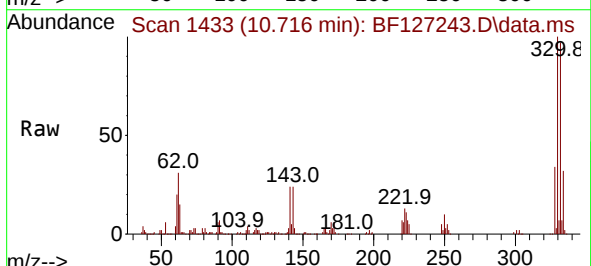
Tgt Ion:330 Resp: 198786

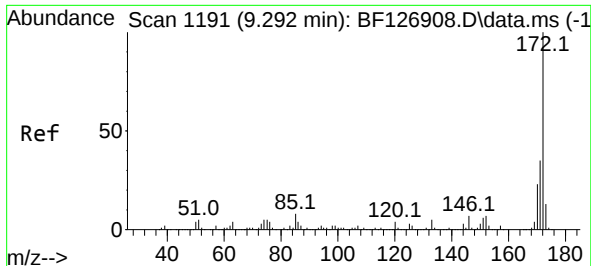
Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 33.3 30.1 45.1

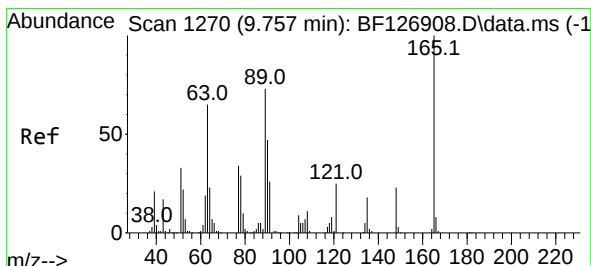
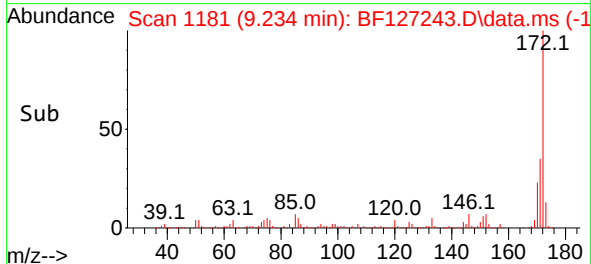
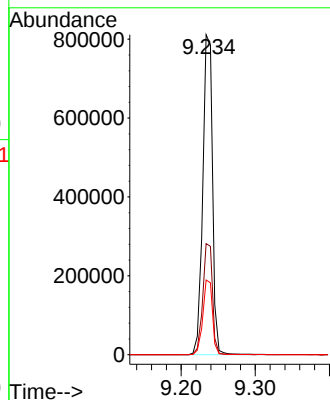
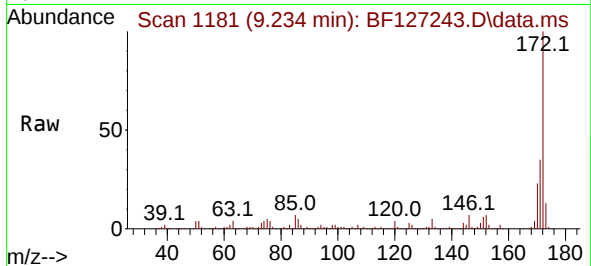




#45
2-Fluorobiphenyl
Concen: 57.967 ng
RT: 9.234 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

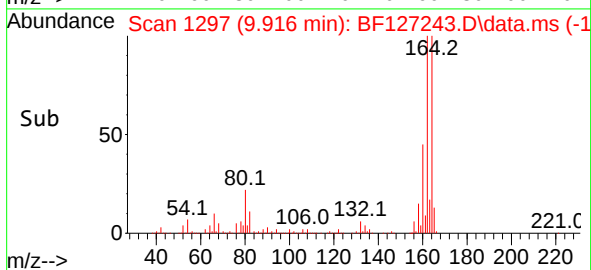
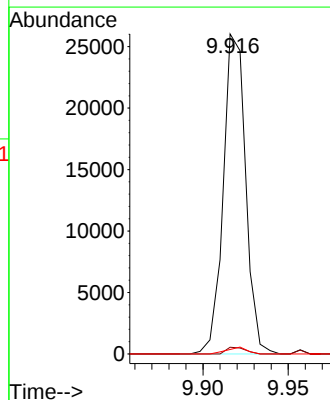
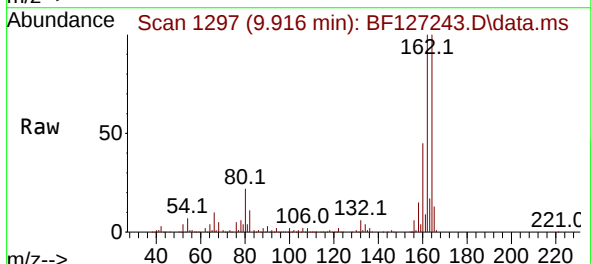
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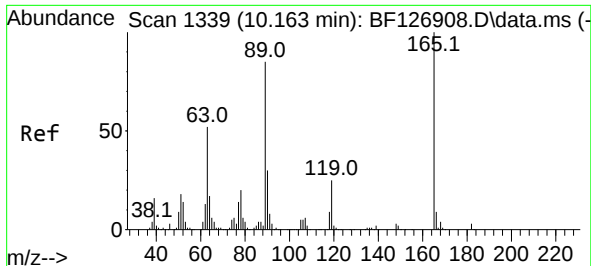
Tgt Ion:172 Resp: 740069
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.712 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:165 Resp: 23812
Ion Ratio Lower Upper
165 100
63 2.1 48.4 72.6#
89 1.4 50.5 75.7#

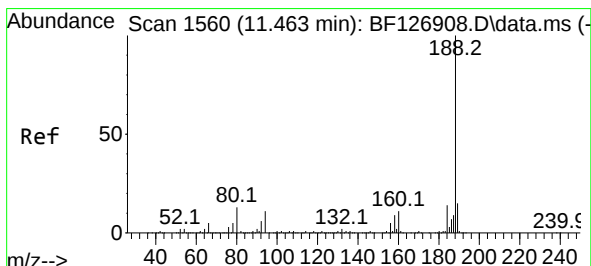
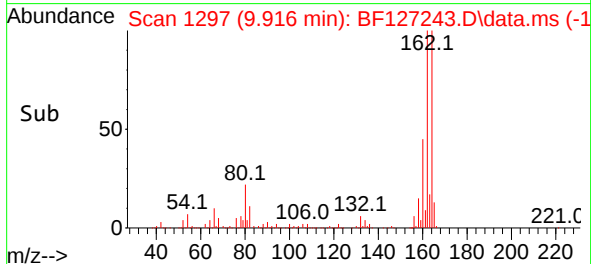
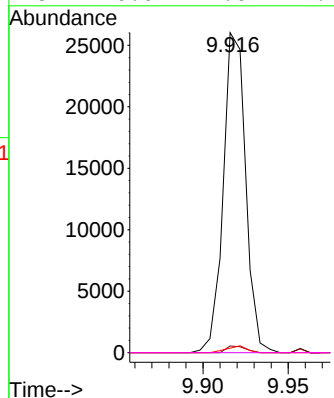
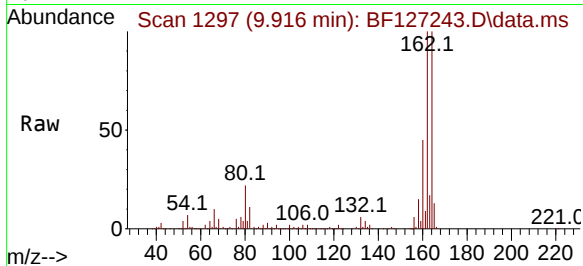




#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

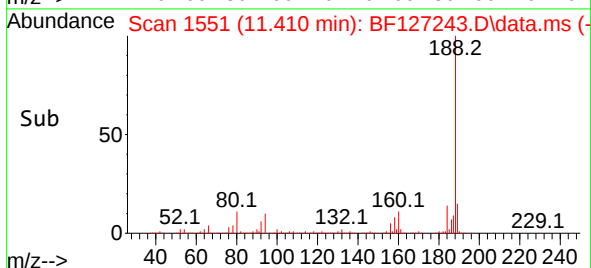
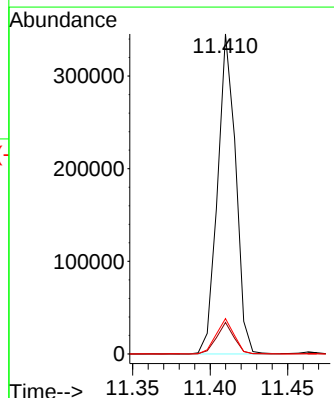
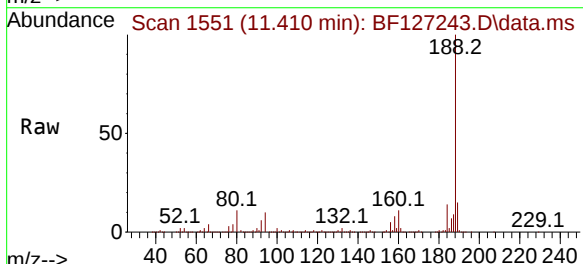
Instrument :
BNA_F
ClientSampleId :
DUM-20

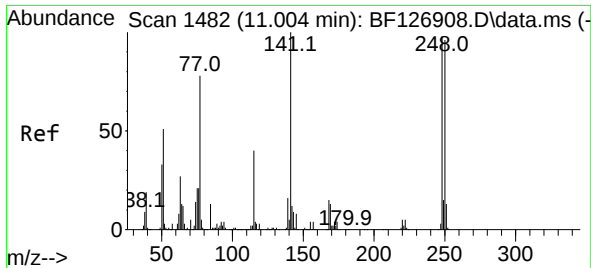
Tgt Ion:165 Resp: 23812
Ion Ratio Lower Upper
165 100
63 2.1 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:188 Resp: 281528
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.1 11.8 17.6#

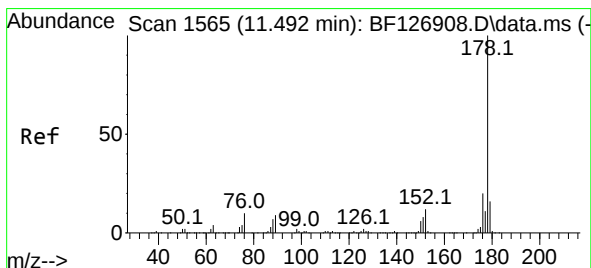
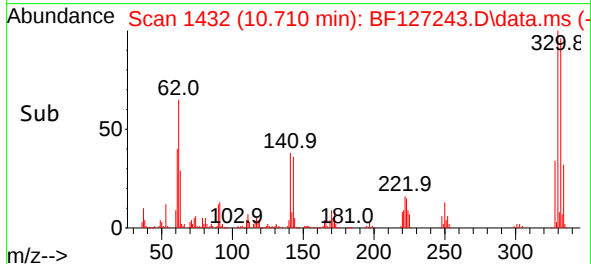
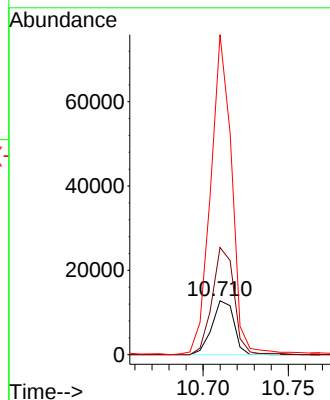
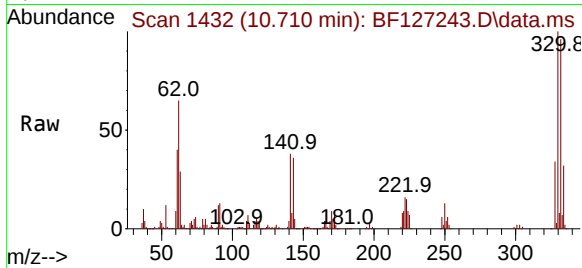




#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 10.710 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

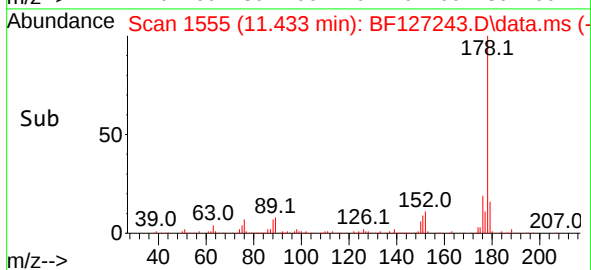
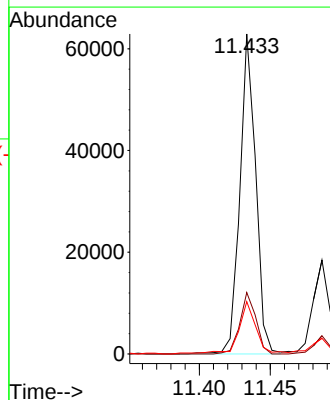
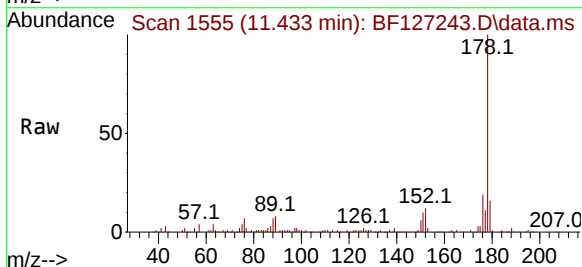
Instrument :
BNA_F
ClientSampleId :
DUM-20

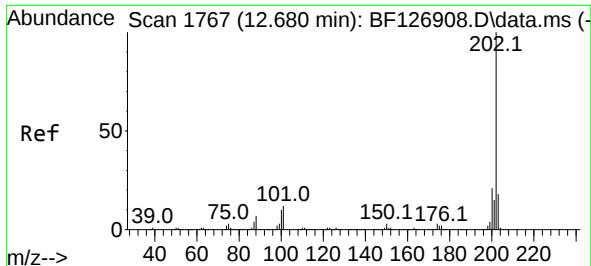
Tgt Ion:248 Resp: 11561
Ion Ratio Lower Upper
248 100
250 199.0 76.2 114.4#
141 594.1 66.2 99.4#



#71
Phenanthrene
Concen: 3.100 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:178 Resp: 48853
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.3 12.3 18.5

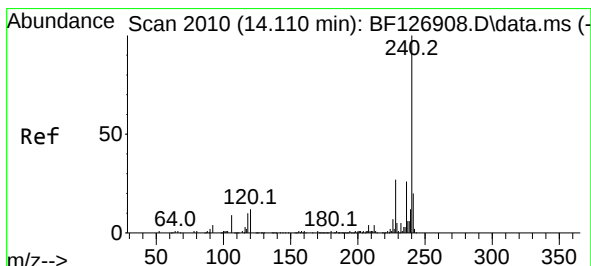
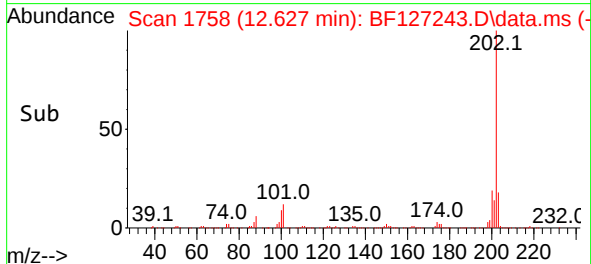
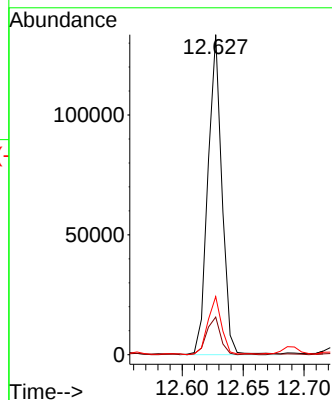
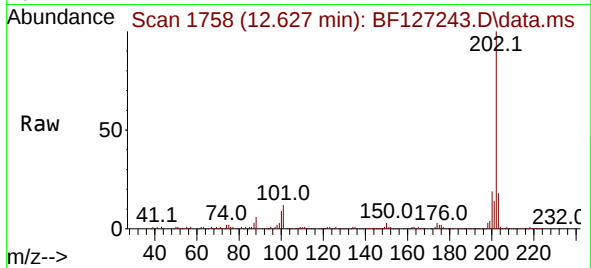




#75
Fluoranthene
Concen: 7.136 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

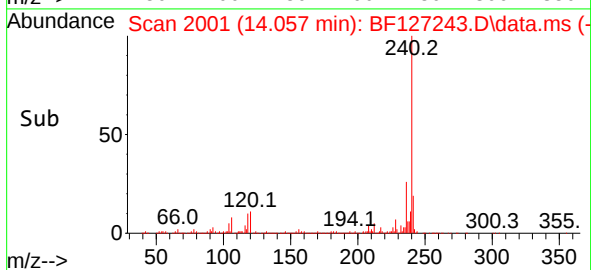
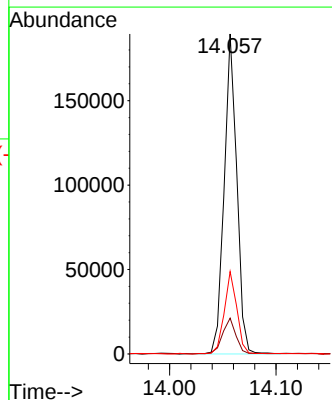
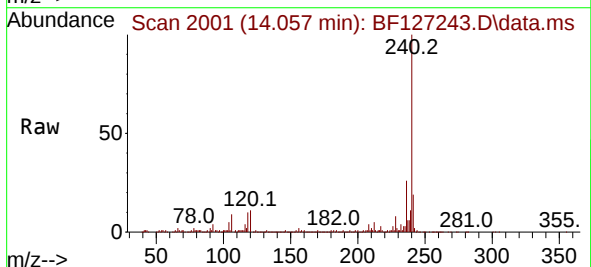
Instrument :
BNA_F
ClientSampleId :
DUM-20

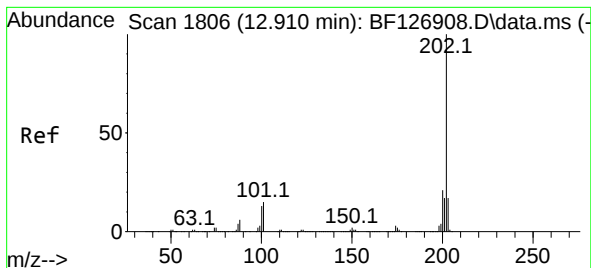
Tgt Ion:202 Resp: 106762
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.7
203 18.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:240 Resp: 155744
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6#
236 25.7 20.5 30.7





#78

Pyrene

Concen: 6.595 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

Instrument :

BNA_F

ClientSampleId :

DUM-20

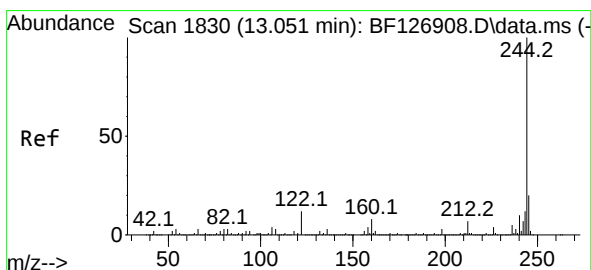
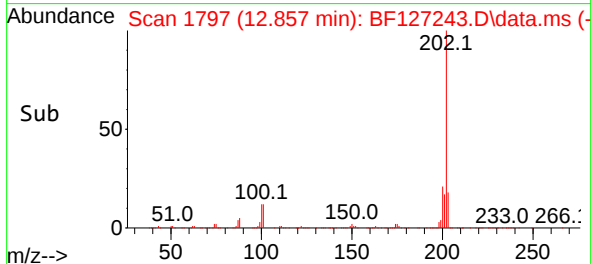
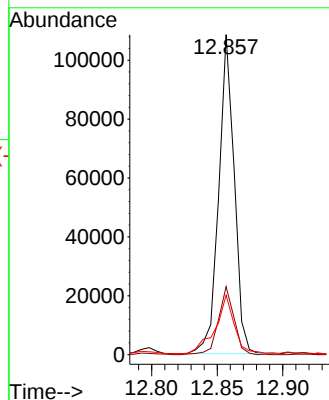
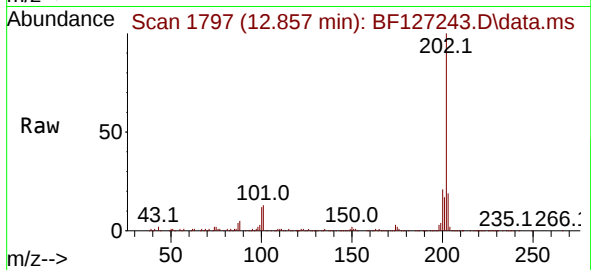
Tgt Ion:202 Resp: 89233

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

203 18.6 13.8 20.8



#79

Terphenyl-d14

Concen: 44.651 ng

RT: 12.998 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

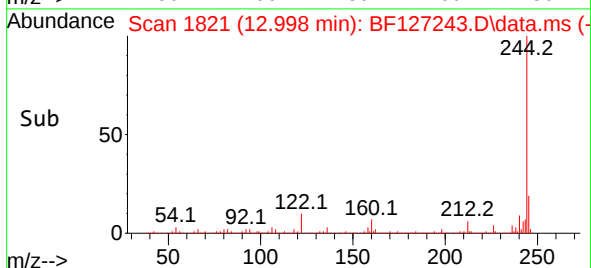
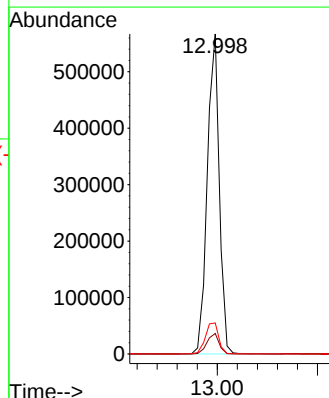
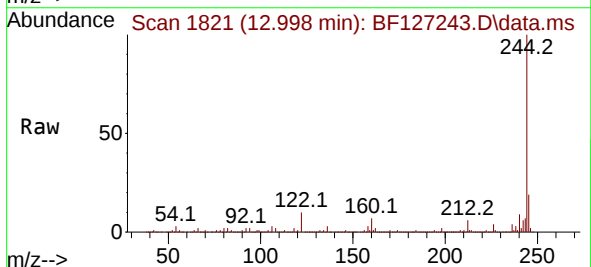
Tgt Ion:244 Resp: 473056

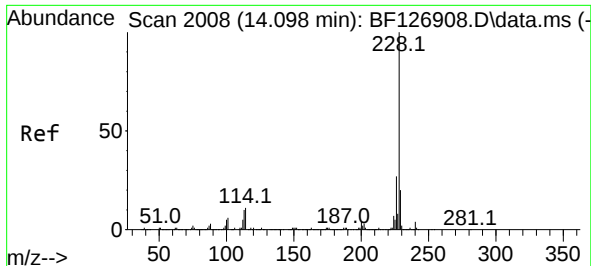
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 9.7 13.3 19.9#

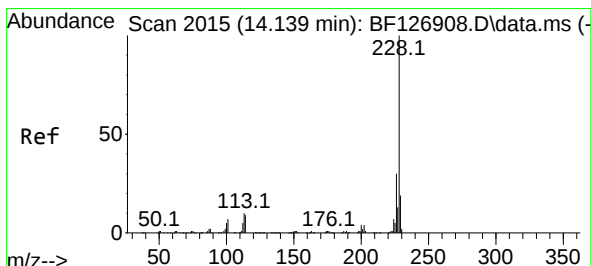
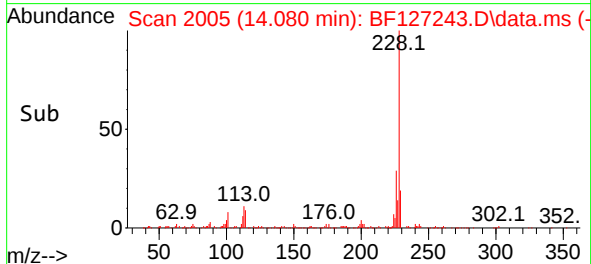
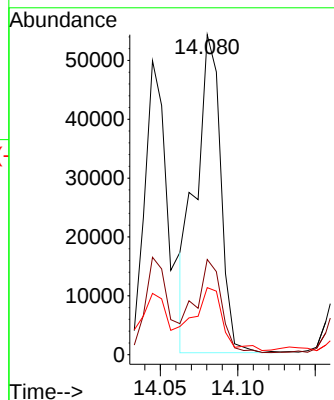
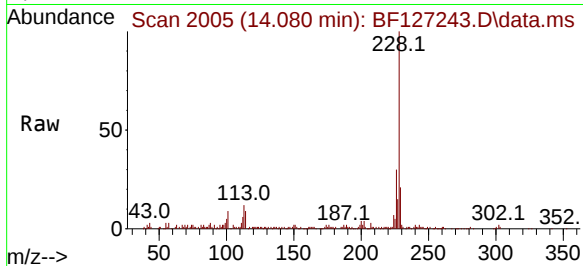




#81
Benzo(a)anthracene
Concen: 5.773 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.029 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

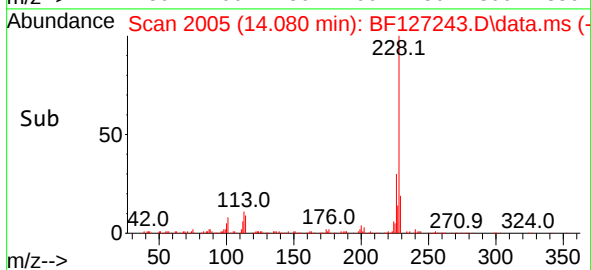
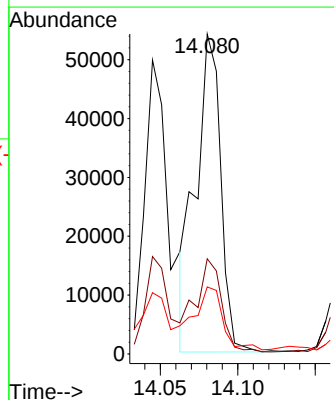
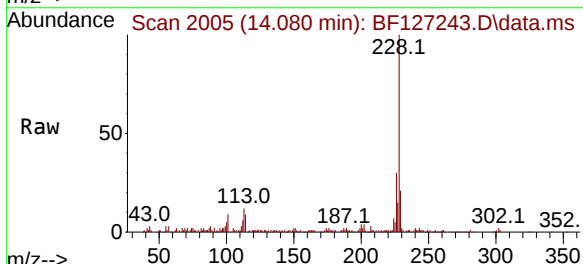
Instrument :
BNA_F
ClientSampleId :
DUM-20

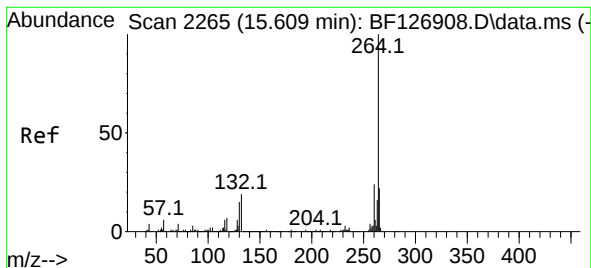
Tgt Ion:228 Resp: 60613
Ion Ratio Lower Upper
228 100
226 29.7 21.4 32.0
229 21.0 15.4 23.2



#83
Chrysene
Concen: 6.139 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:228 Resp: 60613
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 21.0 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

Instrument :

BNA_F

ClientSampleId :

DUM-20

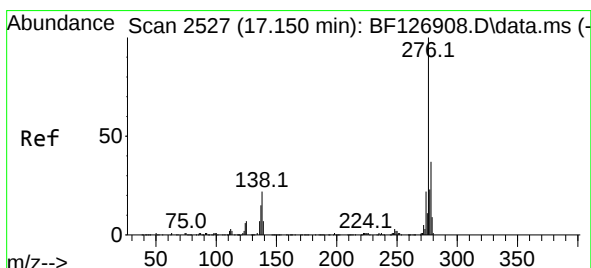
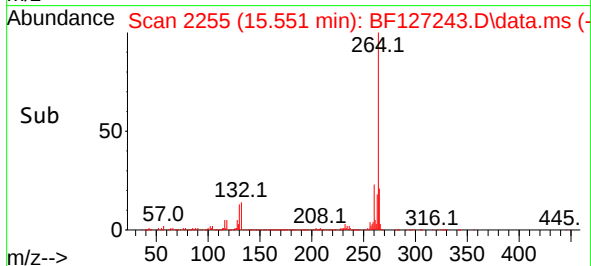
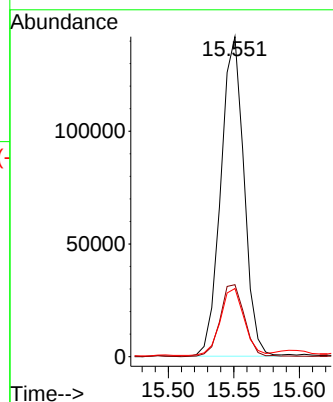
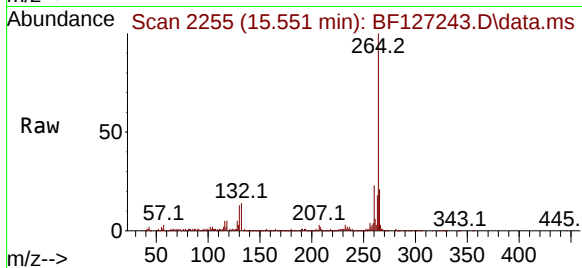
Tgt Ion:264 Resp: 173990

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.3 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.336 ng

RT: 17.057 min Scan# 2511

Delta R.T. 0.000 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

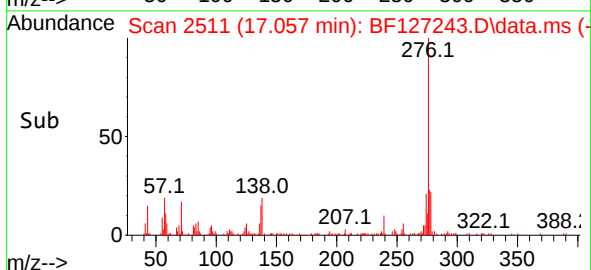
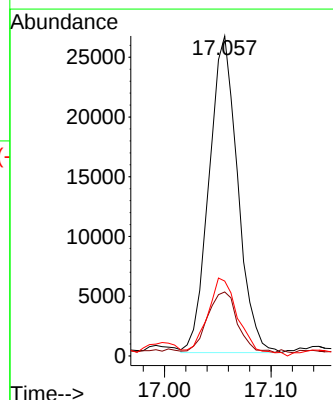
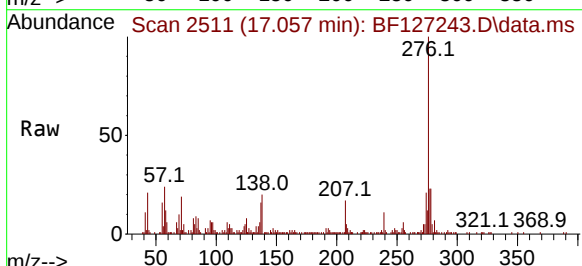
Tgt Ion:276 Resp: 49463

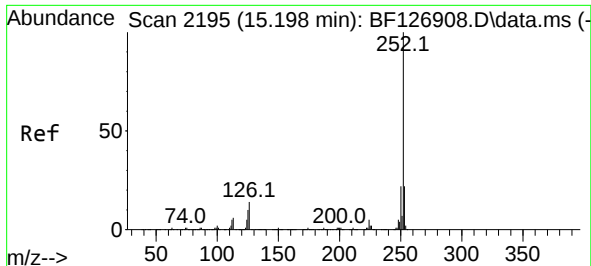
Ion Ratio Lower Upper

276 100

138 20.3 29.2 43.8#

277 27.0 19.8 29.8

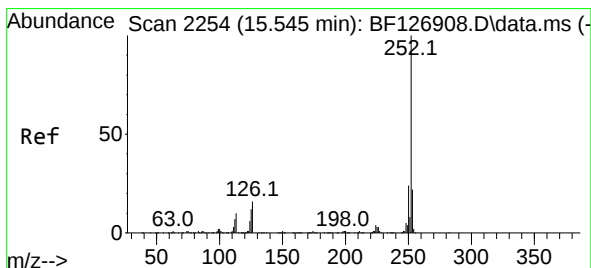
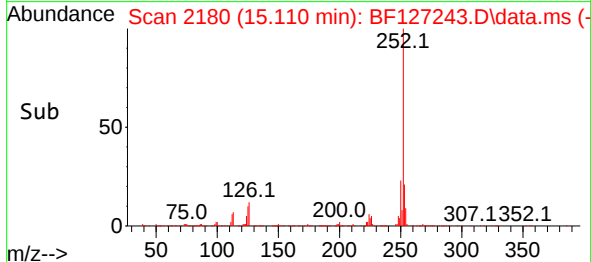
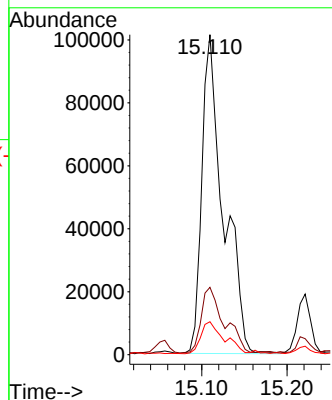
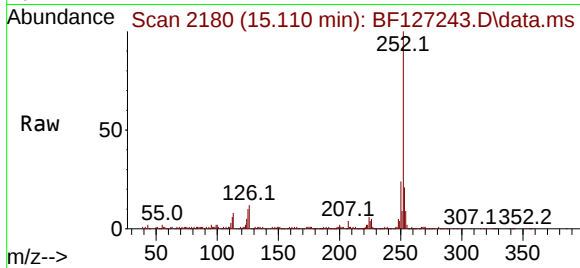




#89
Benzo(k)fluoranthene
Concen: 15.832 ng
RT: 15.110 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

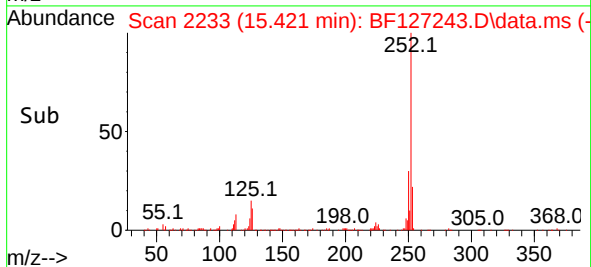
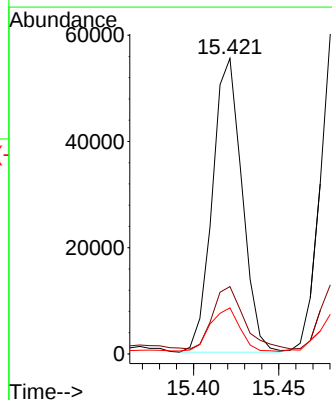
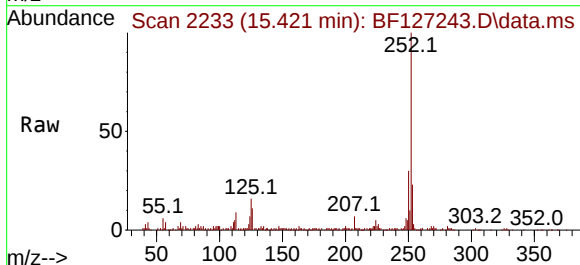
Instrument :
BNA_F
ClientSampleId :
DUM-20

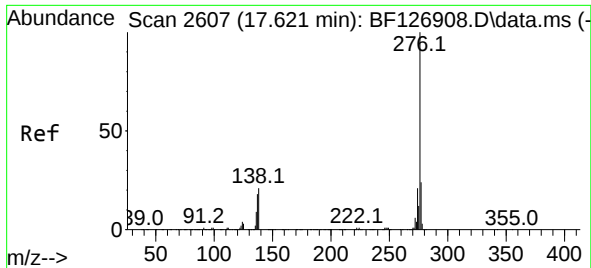
Tgt Ion:252 Resp: 178445
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 10.3 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 7.331 ng
RT: 15.421 min Scan# 2233
Delta R.T. -0.065 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:252 Resp: 66920
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 15.6 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.639 ng
 RT: 17.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127243.D
 Acq: 08 Mar 2022 02:18

Instrument :
 BNA_F
 ClientSampleId :
 DUM-20

Tgt Ion:276 Resp: 43153
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.5 27.7
 138 20.5 25.9 38.9#

