

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128666.D
 Acq On : 03 Jun 2022 05:07
 Operator : CG\JU
 Sample : N3104-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Quant Time: Jun 03 05:32:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

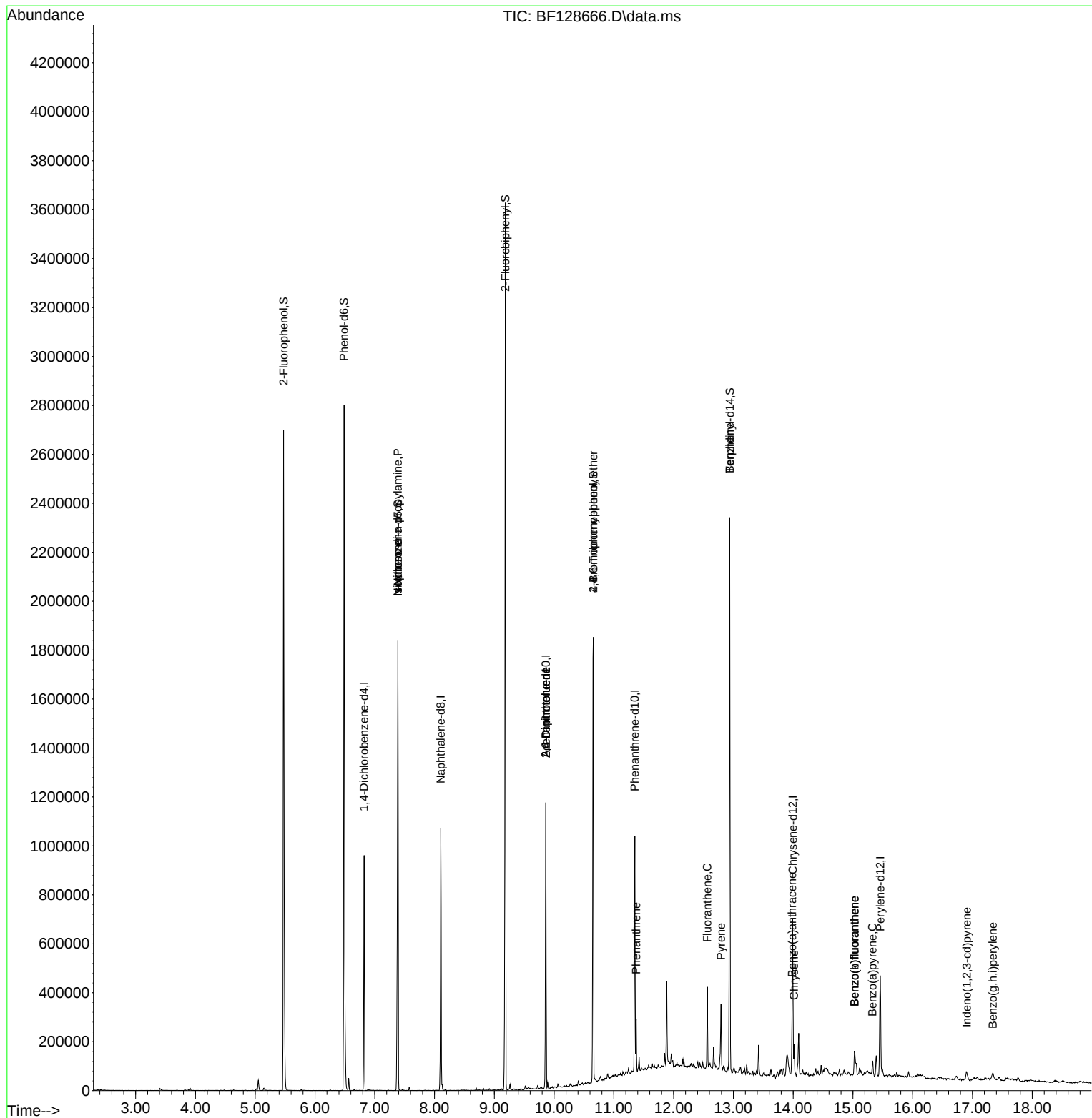
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	111323	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	407194	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	209449	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	321659	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	188673	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	186395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	624842	89.404	ng	0.00
7) Phenol-d6	6.486	99	781353	91.587	ng	-0.01
23) Nitrobenzene-d5	7.386	82	574995	65.745	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	205110	82.881	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	998915	66.808	ng	0.00
79) Terphenyl-d14	12.939	244	680668	62.688	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	84025	15.841	ng	# 81
25) Isophorone	7.386	82	573587	43.182	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	27419	9.690	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	27419	7.261	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	13291	3.705	ng	# 1
71) Phenanthrene	11.374	178	70786	4.387	ng	99
75) Fluoranthene	12.563	202	111976	6.640	ng	95
77) Benzidine	12.939	184	11608	3.086	ng	98
78) Pyrene	12.792	202	101592	7.237	ng	98
81) Benzo(a)anthracene	13.980	228	48878	4.156	ng	97
83) Chrysene	14.015	228	44764	3.992	ng	98
87) Indeno(1,2,3-cd)pyrene	16.903	276	24186	2.153	ng	# 88
88) Benzo(b)fluoranthene	15.027	252	70950	5.957	ng	99
89) Benzo(k)fluoranthene	15.027	252	70950	6.333	ng	98
90) Benzo(a)pyrene	15.327	252	28068	2.998	ng	95
92) Benzo(g,h,i)perylene	17.339	276	20782	2.250	ng	# 91

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

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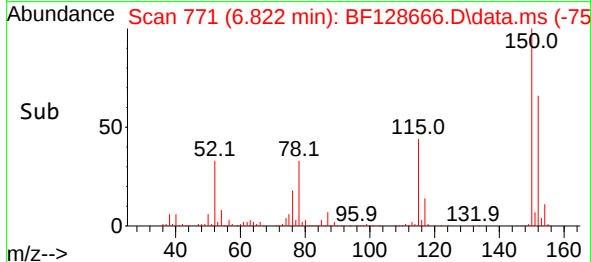
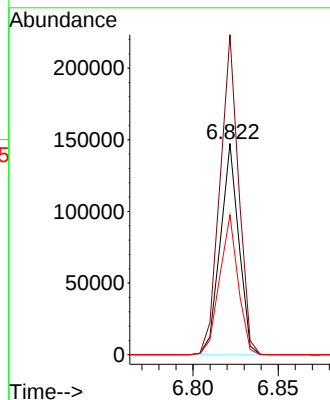
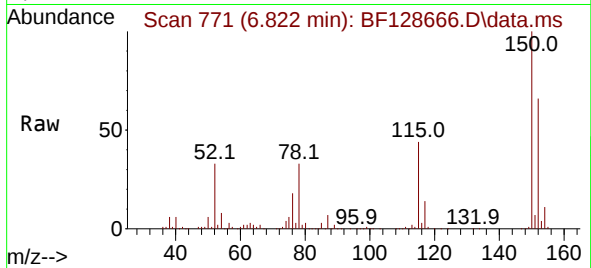




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

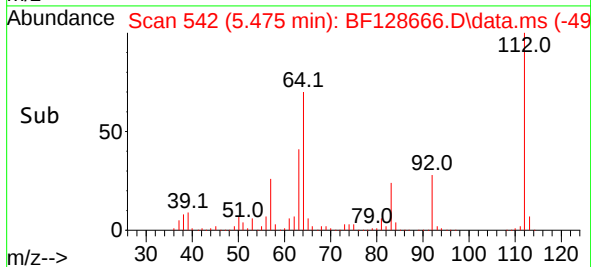
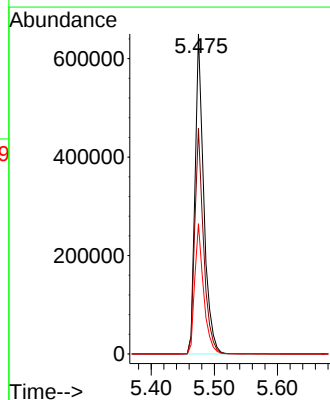
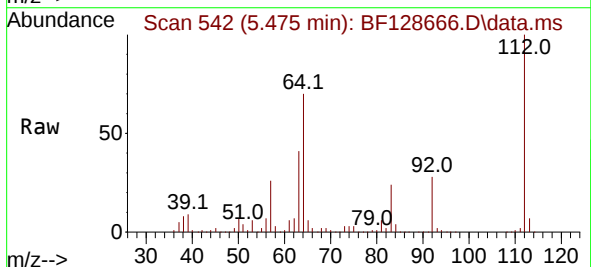
Instrument :
BNA_F
ClientSampleId :
WC-7

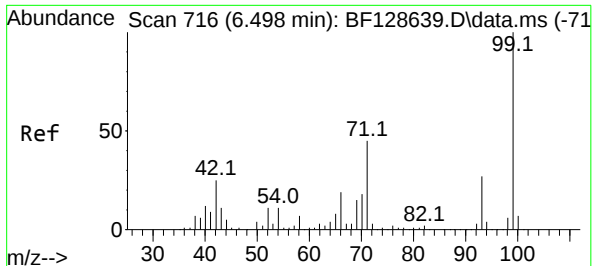
Tgt Ion:152 Resp: 111323
Ion Ratio Lower Upper
152 100
150 151.5 123.7 185.5
115 66.1 49.9 74.9



#5
2-Fluorophenol
Concen: 89.404 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:112 Resp: 624842
Ion Ratio Lower Upper
112 100
64 70.4 53.3 79.9
63 40.7 28.0 42.0

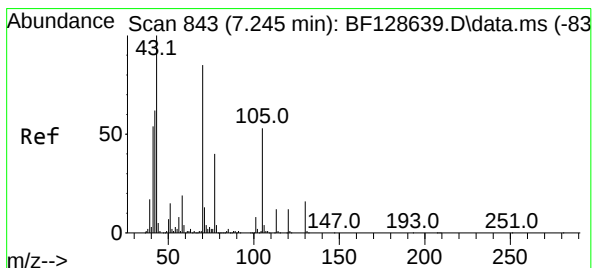
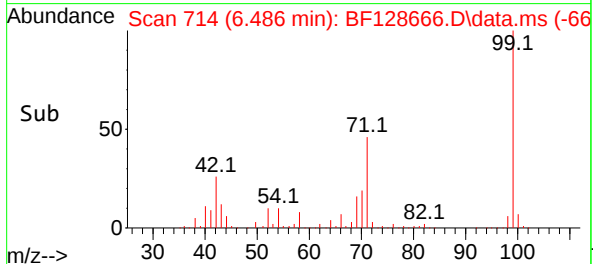
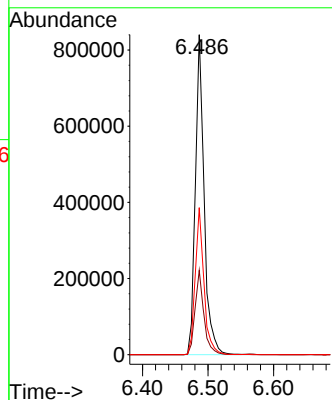
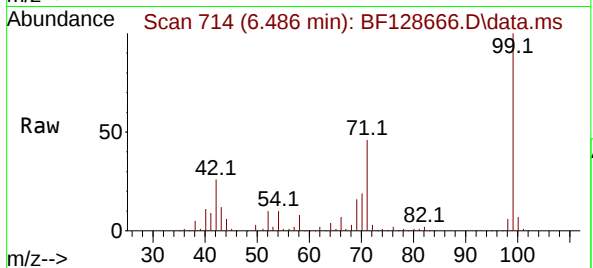




#7
Phenol-d6
Concen: 91.587 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

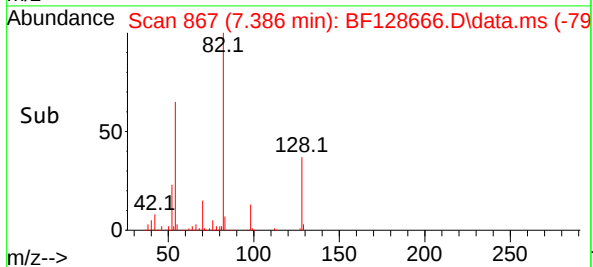
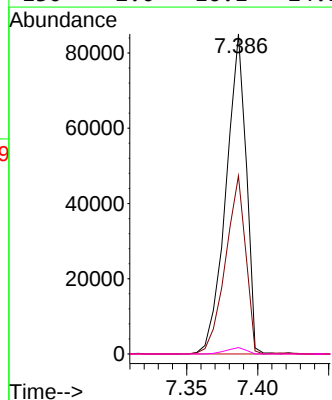
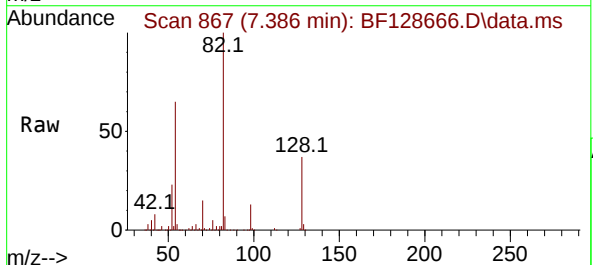
Instrument :
BNA_F
ClientSampleId :
WC-7

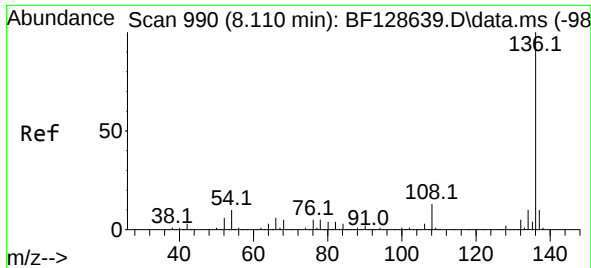
Tgt Ion: 99 Resp: 781353
Ion Ratio Lower Upper
99 100
42 26.4 17.3 25.9#
71 45.9 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.841 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion: 70 Resp: 84025
Ion Ratio Lower Upper
70 100
42 55.6 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

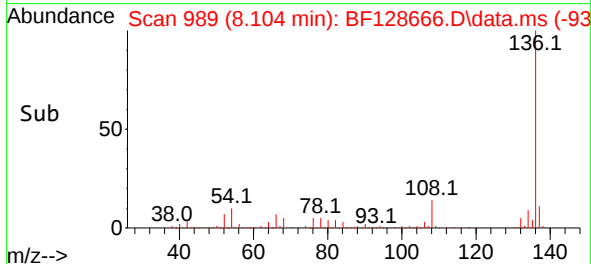
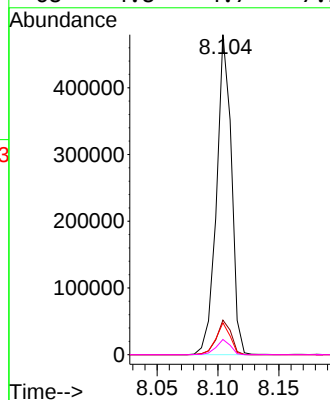
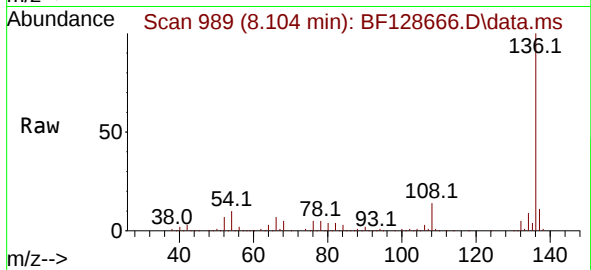




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

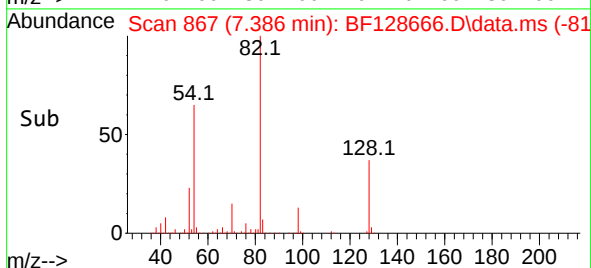
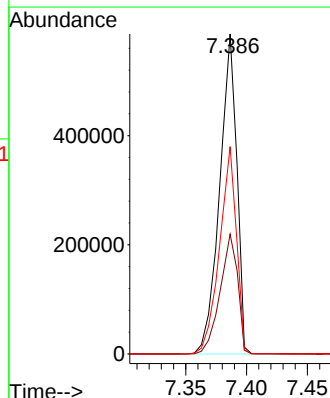
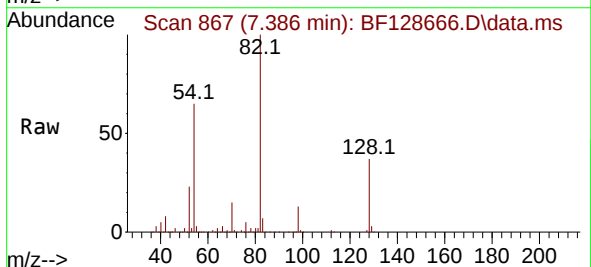
Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion:136	Resp: 407194		
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.0	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 65.745 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion: 82	Resp: 574995
Ion Ratio	Lower Upper
82 100	
128 37.5	34.0 51.0
54 64.8	46.9 70.3

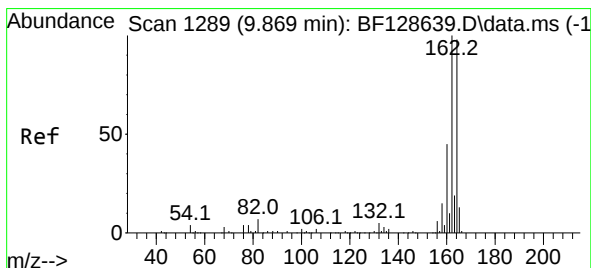
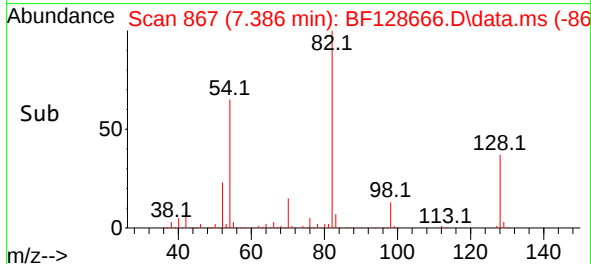
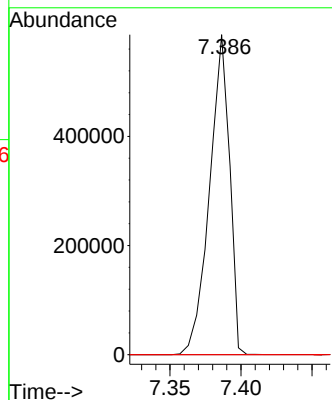
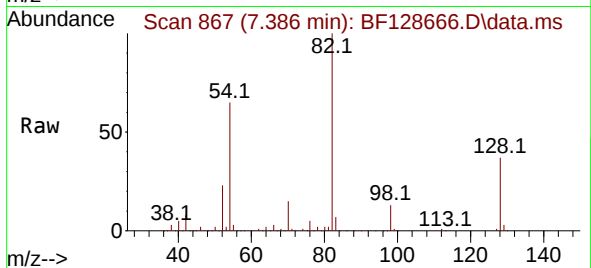




#25
Isophorone
Concen: 43.182 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

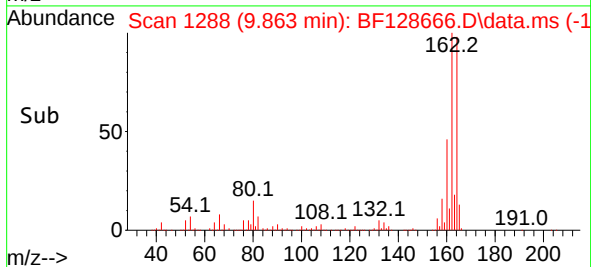
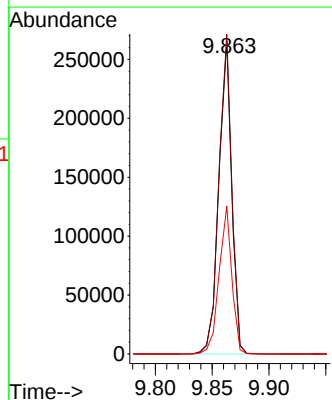
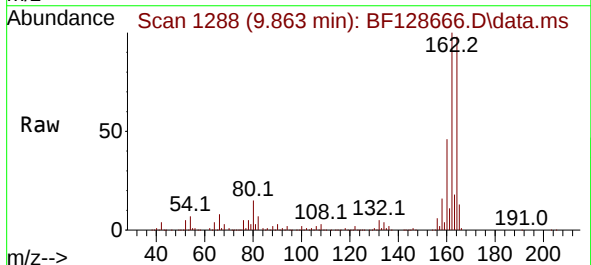
Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion: 82 Resp: 573587
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:164 Resp: 209449
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 47.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.881 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

Instrument :

BNA_F

ClientSampleId :

WC-7

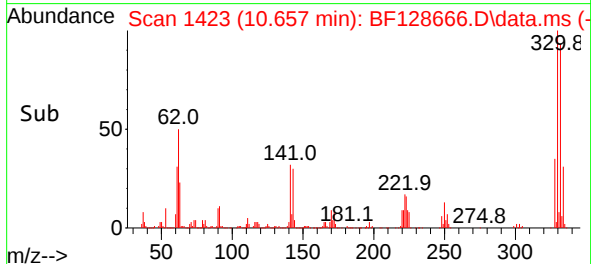
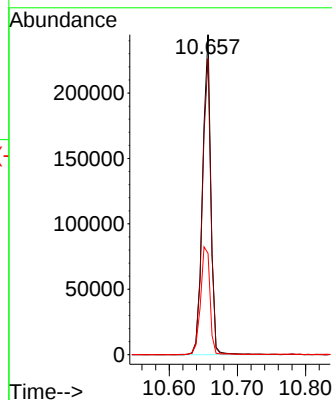
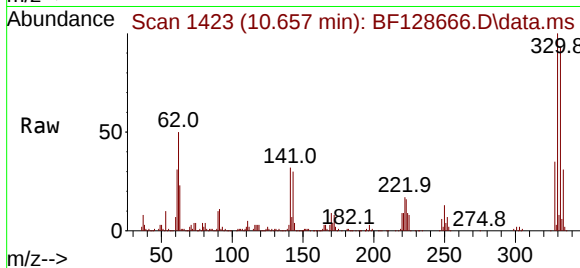
Tgt Ion:330 Resp: 205110

Ion Ratio Lower Upper

330 100

332 94.6 76.8 115.2

141 38.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.808 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

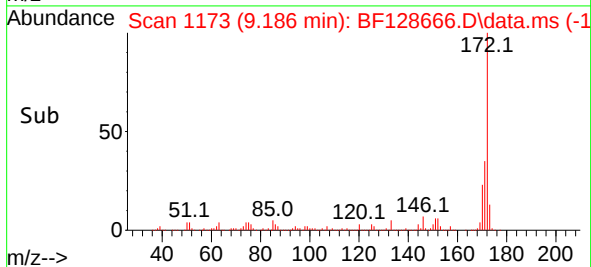
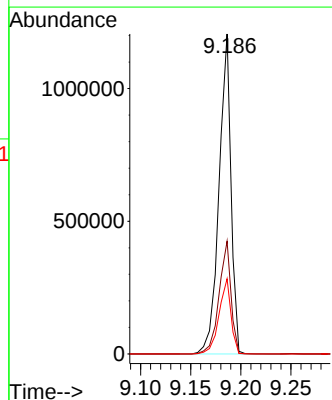
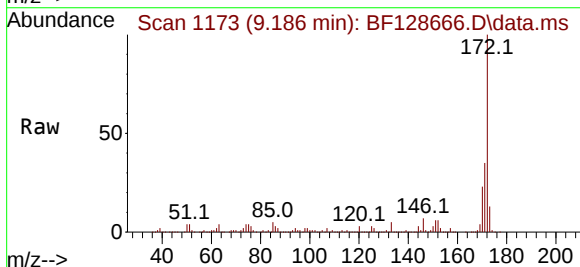
Tgt Ion:172 Resp: 998915

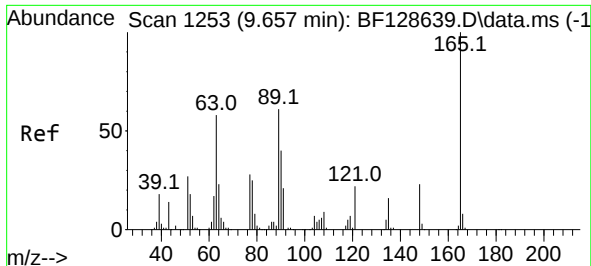
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

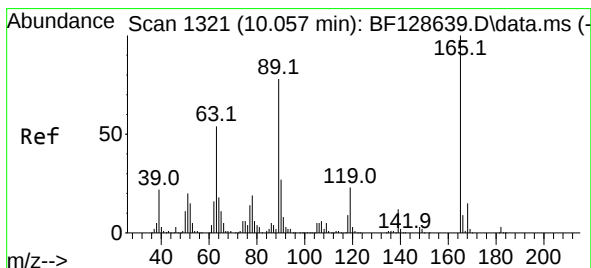
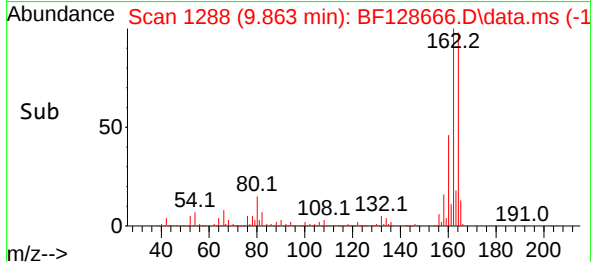
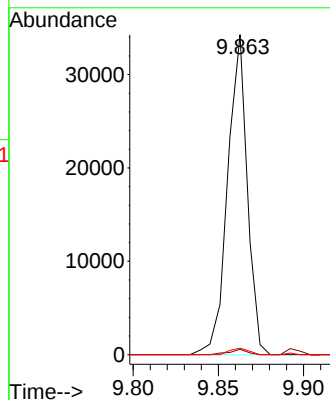
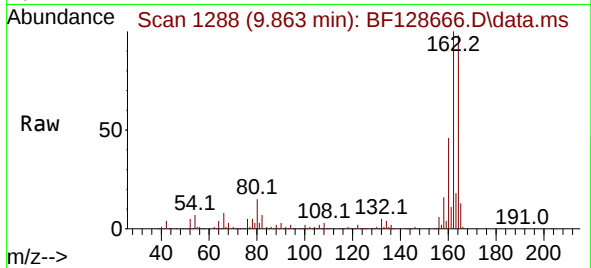




#51
2,6-Dinitrotoluene
Concen: 9.690 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

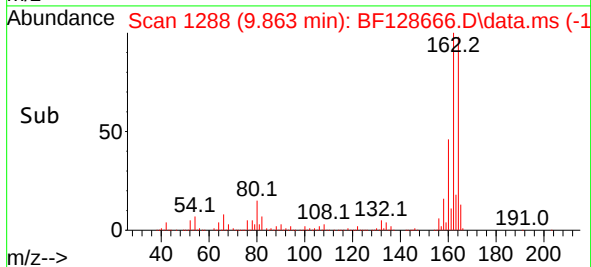
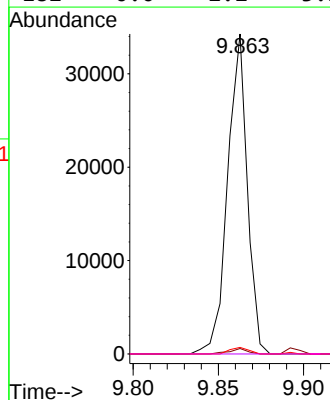
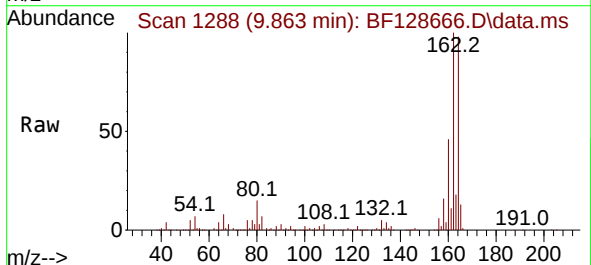
Instrument :
BNA_F
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Tgt Ion:165 Resp: 27419
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 2.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.261 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:165 Resp: 27419
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 2.0 60.2 90.2#
182 0.0 2.2 3.2#

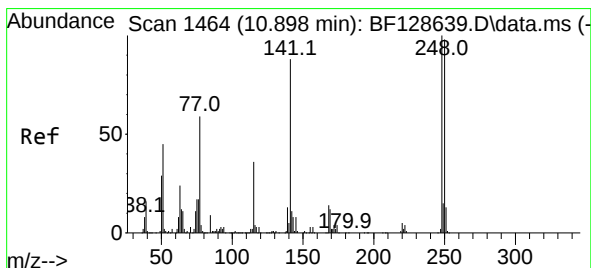
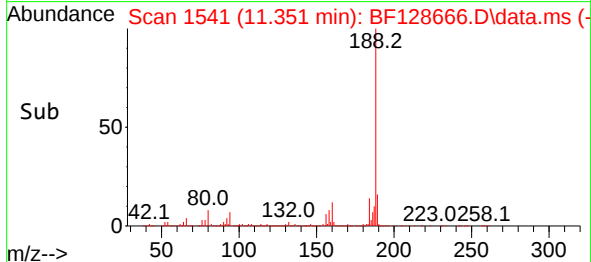
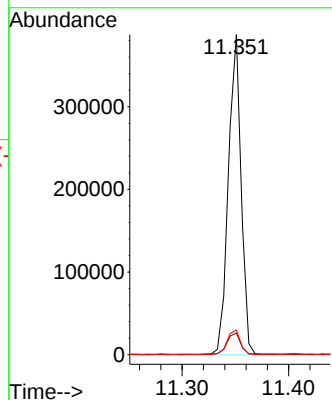
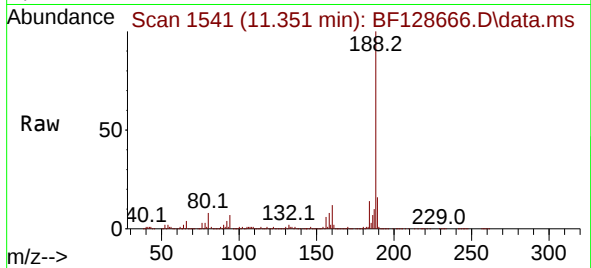




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

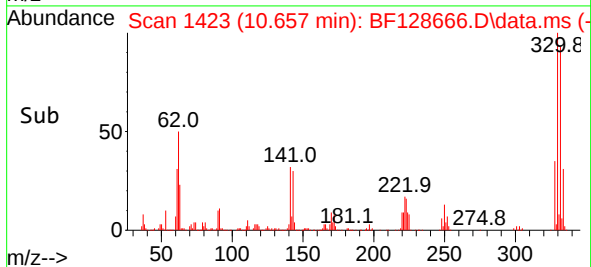
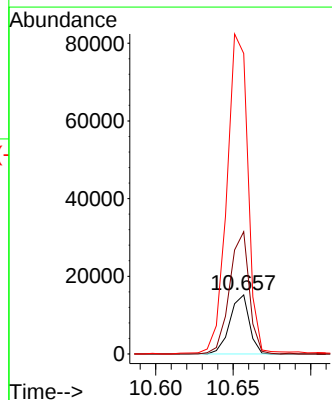
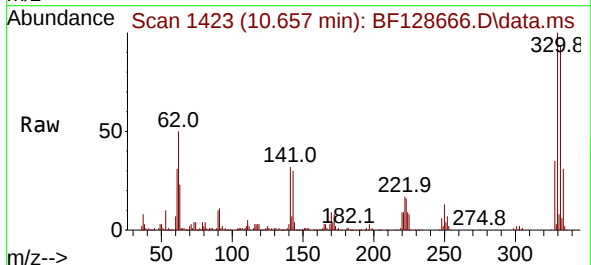
Instrument :
BNA_F
ClientSampleId :
WC-7

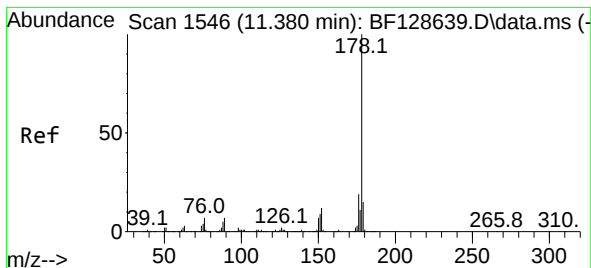
Tgt Ion:188 Resp: 321659
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.705 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:248 Resp: 13291
Ion Ratio Lower Upper
248 100
250 207.0 80.6 120.8#
141 508.9 58.9 88.3#





#71

Phenanthrene

Concen: 4.387 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

Instrument :

BNA_F

ClientSampleId :

WC-7

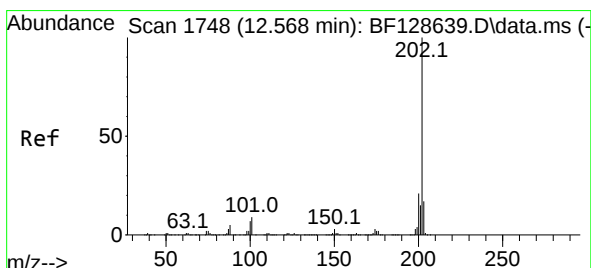
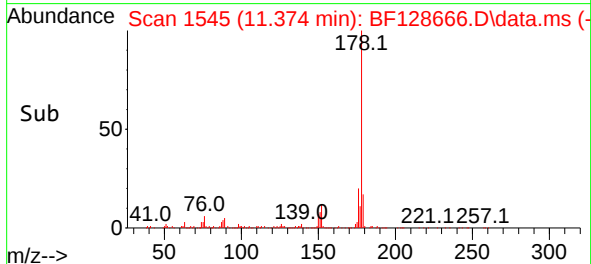
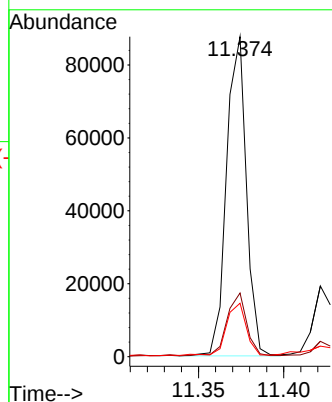
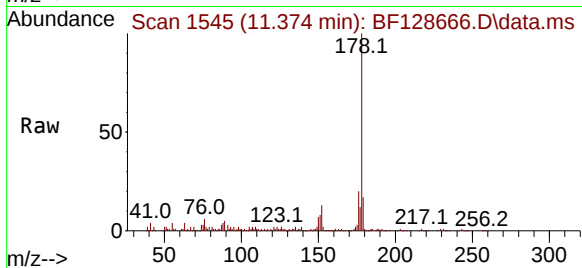
Tgt Ion:178 Resp: 70786

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 16.7 12.6 19.0



#75

Fluoranthene

Concen: 6.640 ng

RT: 12.563 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

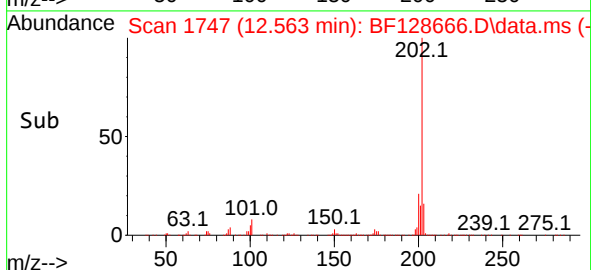
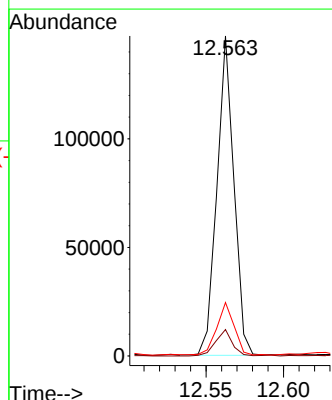
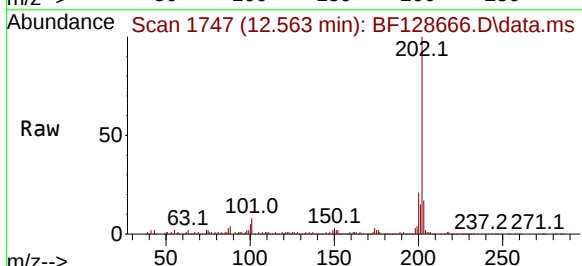
Tgt Ion:202 Resp: 111976

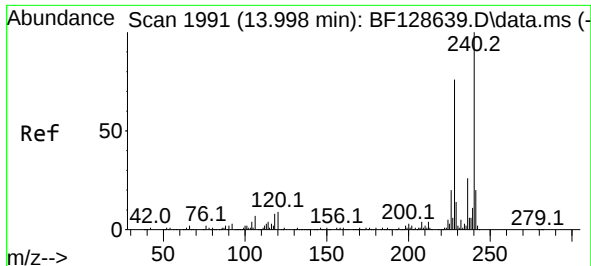
Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.4

203 16.7 0.0 38.0

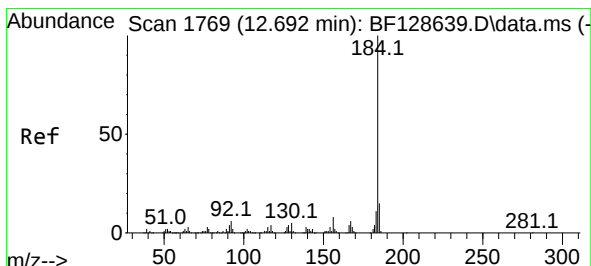
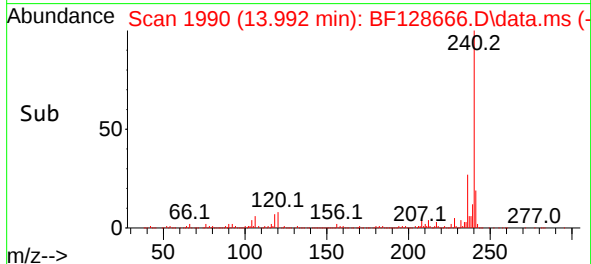
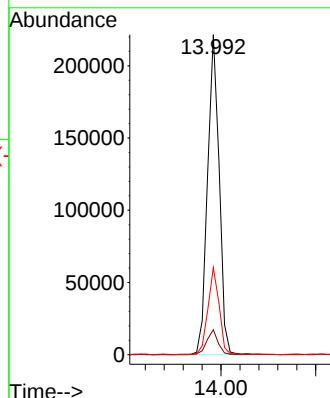
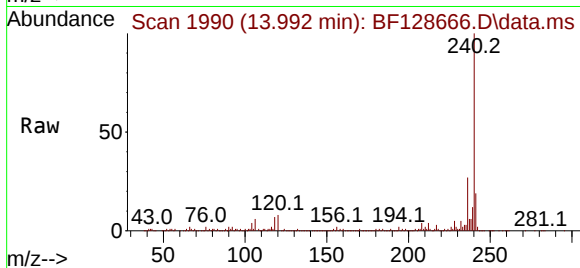




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

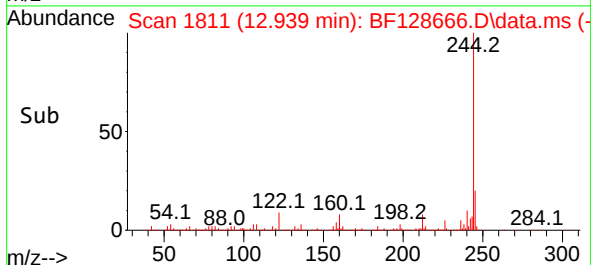
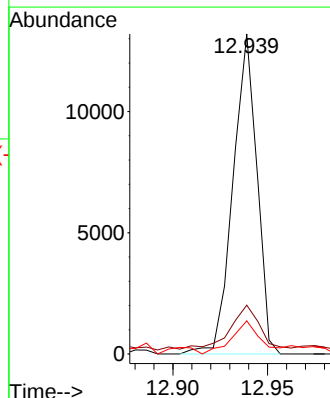
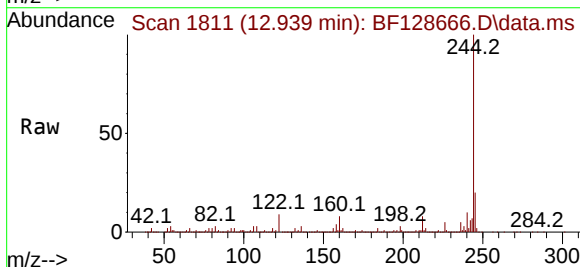
Instrument :
BNA_F
ClientSampleId :
WC-7

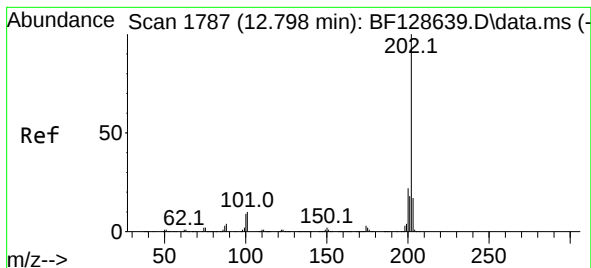
Tgt Ion:240 Resp: 188673
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 27.2 20.8 31.2



#77
Benzidine
Concen: 3.086 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:184 Resp: 11608
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 10.3 9.3 13.9





#78

Pyrene

Concen: 7.237 ng

RT: 12.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

Instrument :

BNA_F

ClientSampleId :

WC-7

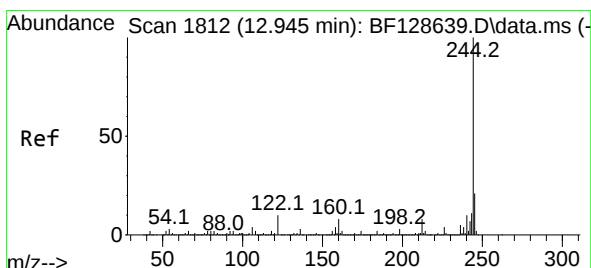
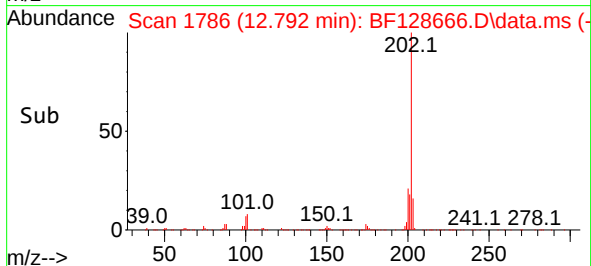
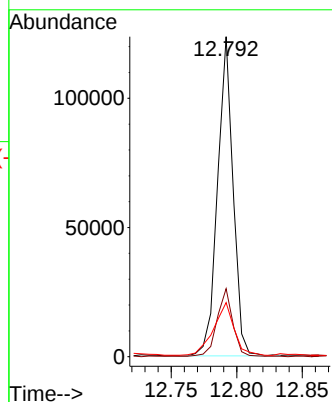
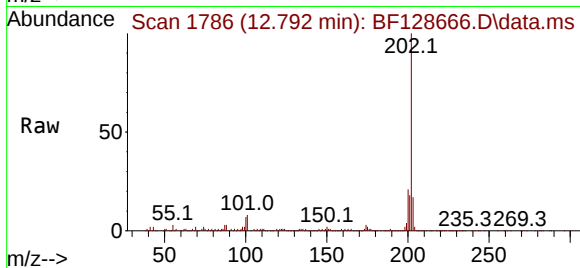
Tgt Ion:202 Resp: 101592

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

203 16.9 14.6 21.8



#79

Terphenyl-d14

Concen: 62.688 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

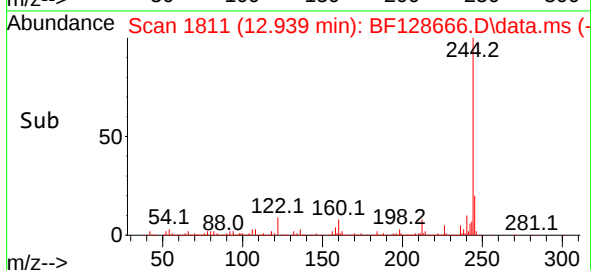
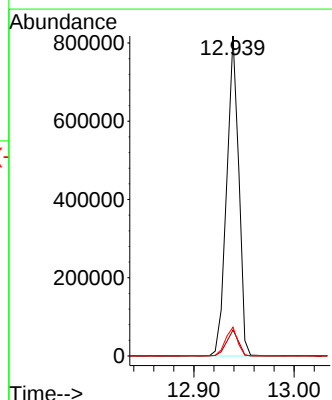
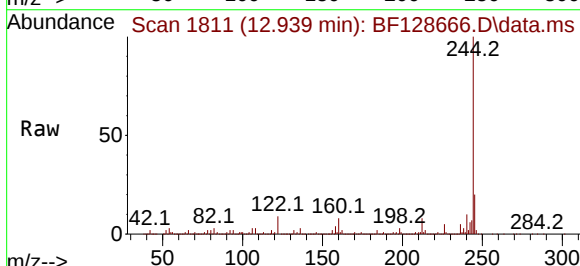
Tgt Ion:244 Resp: 680668

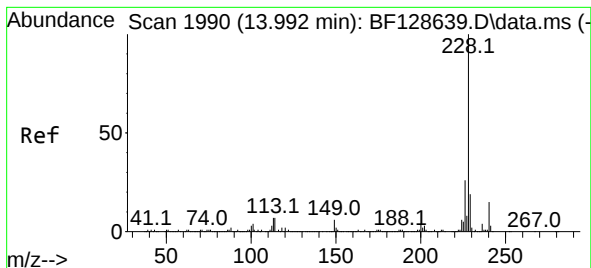
Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

122 9.0 8.8 13.2





#81

Benzo(a)anthracene

Concen: 4.156 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

Instrument :

BNA_F

ClientSampleId :

WC-7

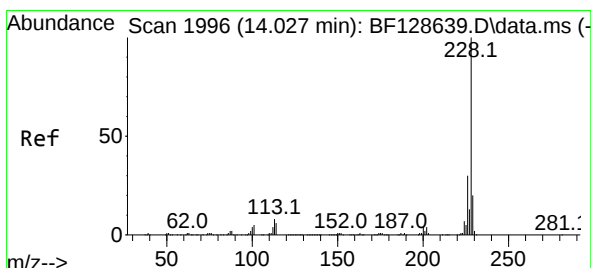
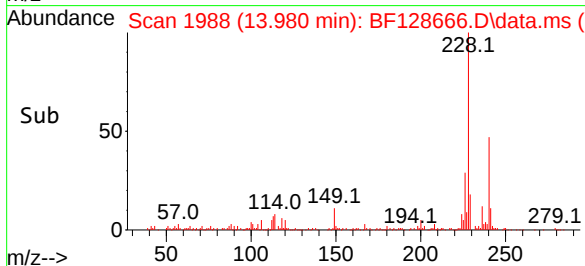
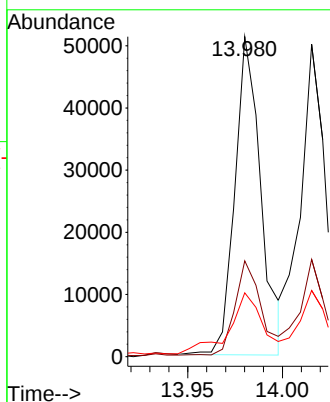
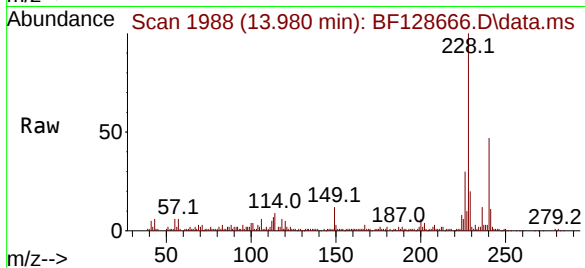
Tgt Ion:228 Resp: 48878

Ion Ratio Lower Upper

228 100

226 30.0 22.1 33.1

229 20.0 15.8 23.8



#83

Chrysene

Concen: 3.992 ng

RT: 14.015 min Scan# 1994

Delta R.T. -0.012 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

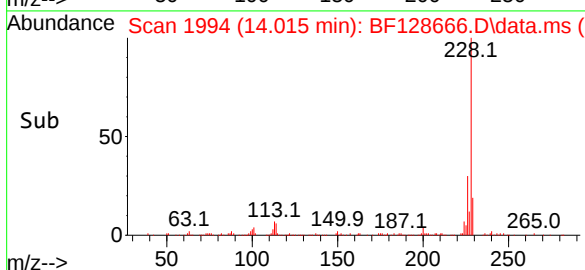
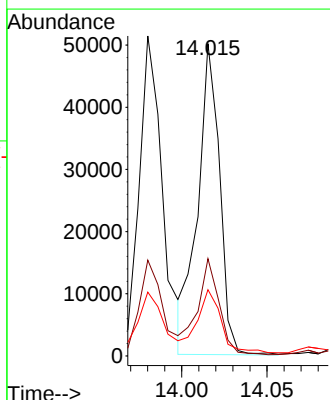
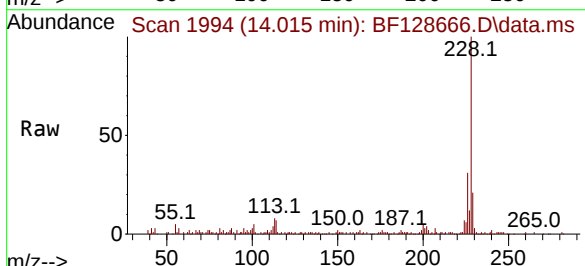
Tgt Ion:228 Resp: 44764

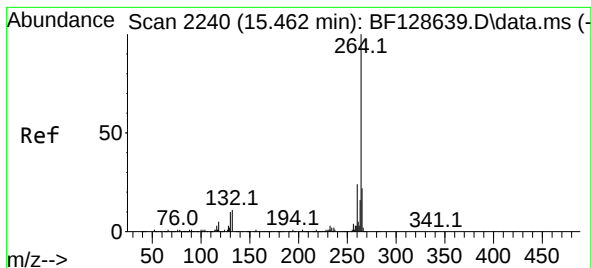
Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 21.2 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

Instrument :

BNA_F

ClientSampleId :

WC-7

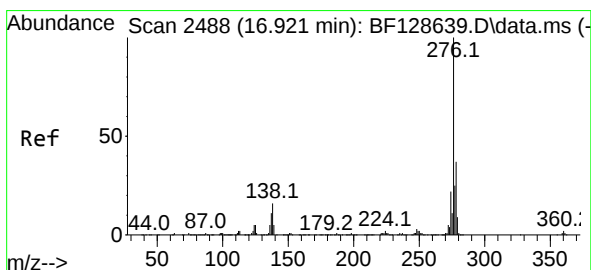
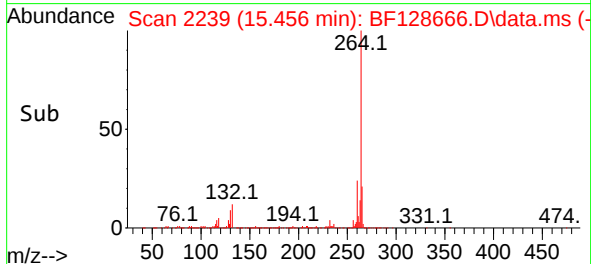
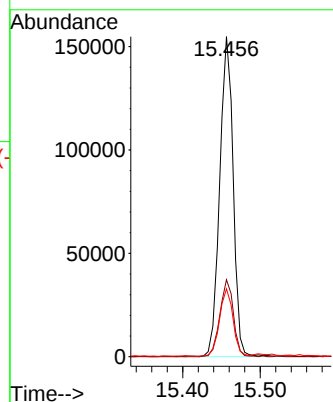
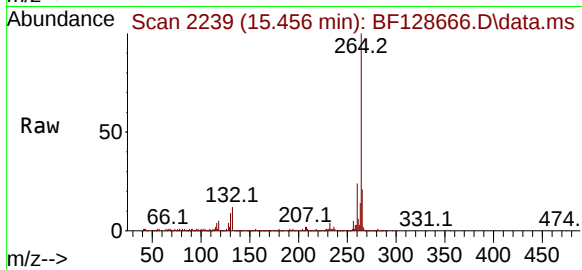
Tgt Ion:264 Resp: 186395

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.2 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.153 ng

RT: 16.903 min Scan# 2485

Delta R.T. -0.018 min

Lab File: BF128666.D

Acq: 03 Jun 2022 05:07

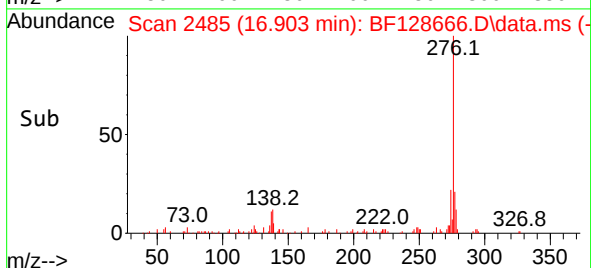
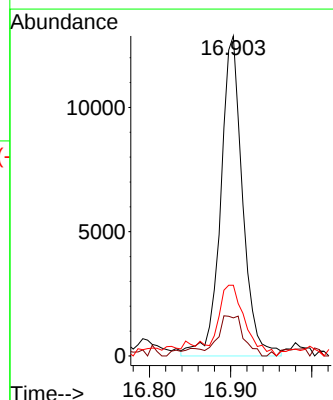
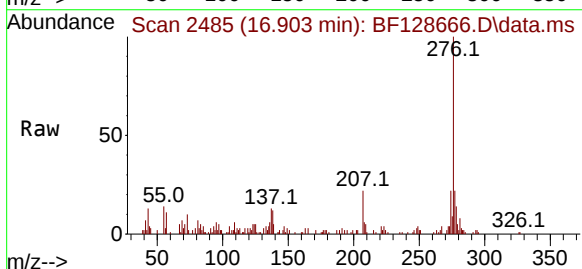
Tgt Ion:276 Resp: 24186

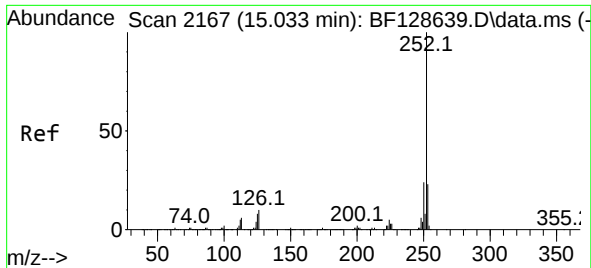
Ion Ratio Lower Upper

276 100

138 14.4 21.1 31.7#

277 25.7 20.3 30.5

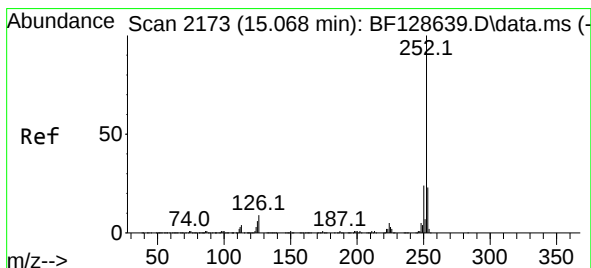
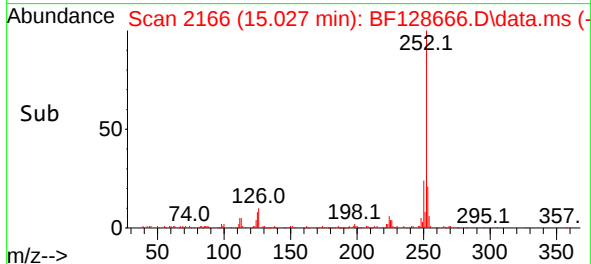
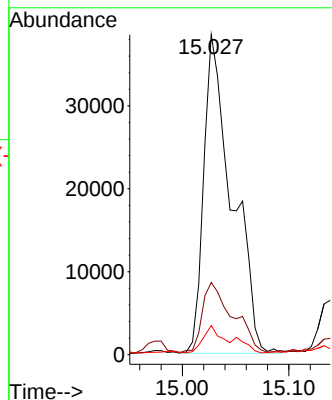
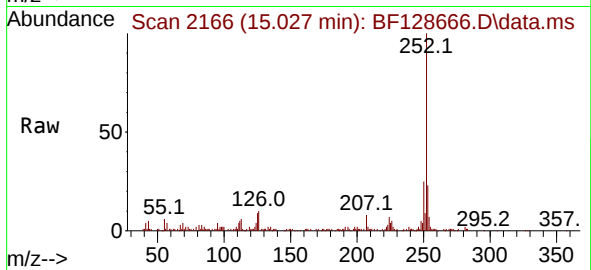




#88
Benzo(b)fluoranthene
Concen: 5.957 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

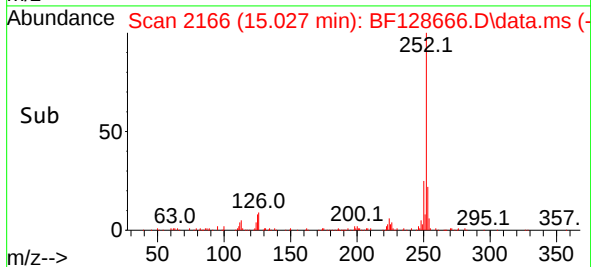
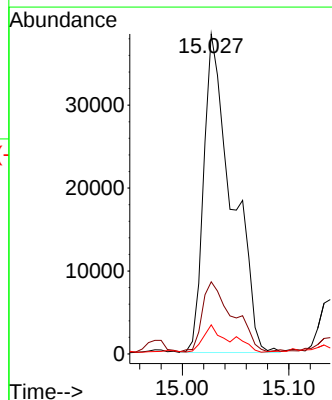
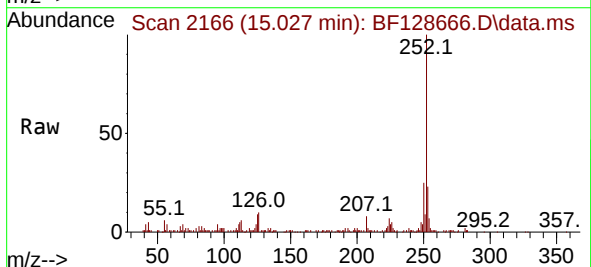
Instrument :
BNA_F
ClientSampleId :
WC-7

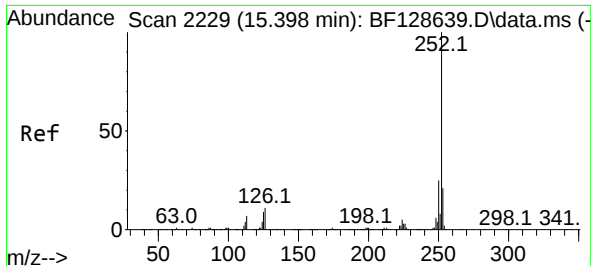
Tgt Ion:252 Resp: 70950
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.1 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 6.333 ng
RT: 15.027 min Scan# 2166
Delta R.T. -0.041 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:252 Resp: 70950
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.1 8.3 12.5

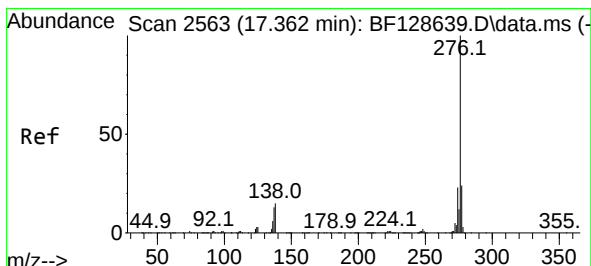
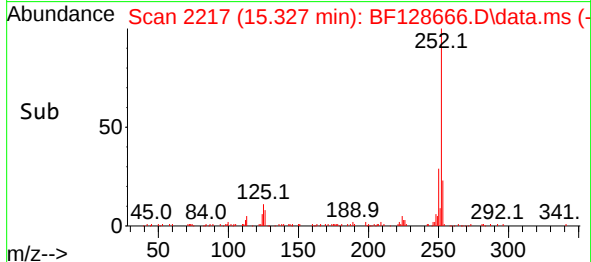
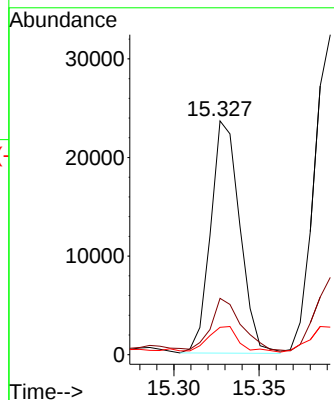
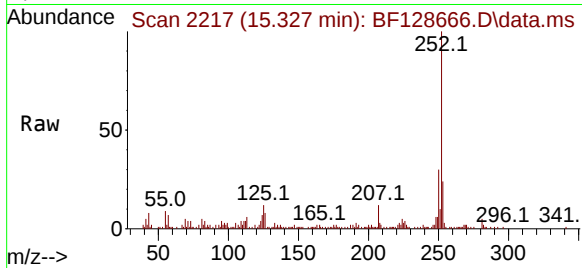




#90
Benzo(a)pyrene
Concen: 2.998 ng
RT: 15.327 min Scan# 21
Delta R.T. -0.071 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion:252 Resp: 28068
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 11.7 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 2.250 ng
RT: 17.339 min Scan# 2559
Delta R.T. -0.024 min
Lab File: BF128666.D
Acq: 03 Jun 2022 05:07

Tgt Ion:276 Resp: 20782
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 13.7 18.0 27.0#

