

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129751.D
 Acq On : 12 Aug 2022 18:52
 Operator : CG\JU
 Sample : N4179-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-7211930

Quant Time: Aug 13 02:06:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

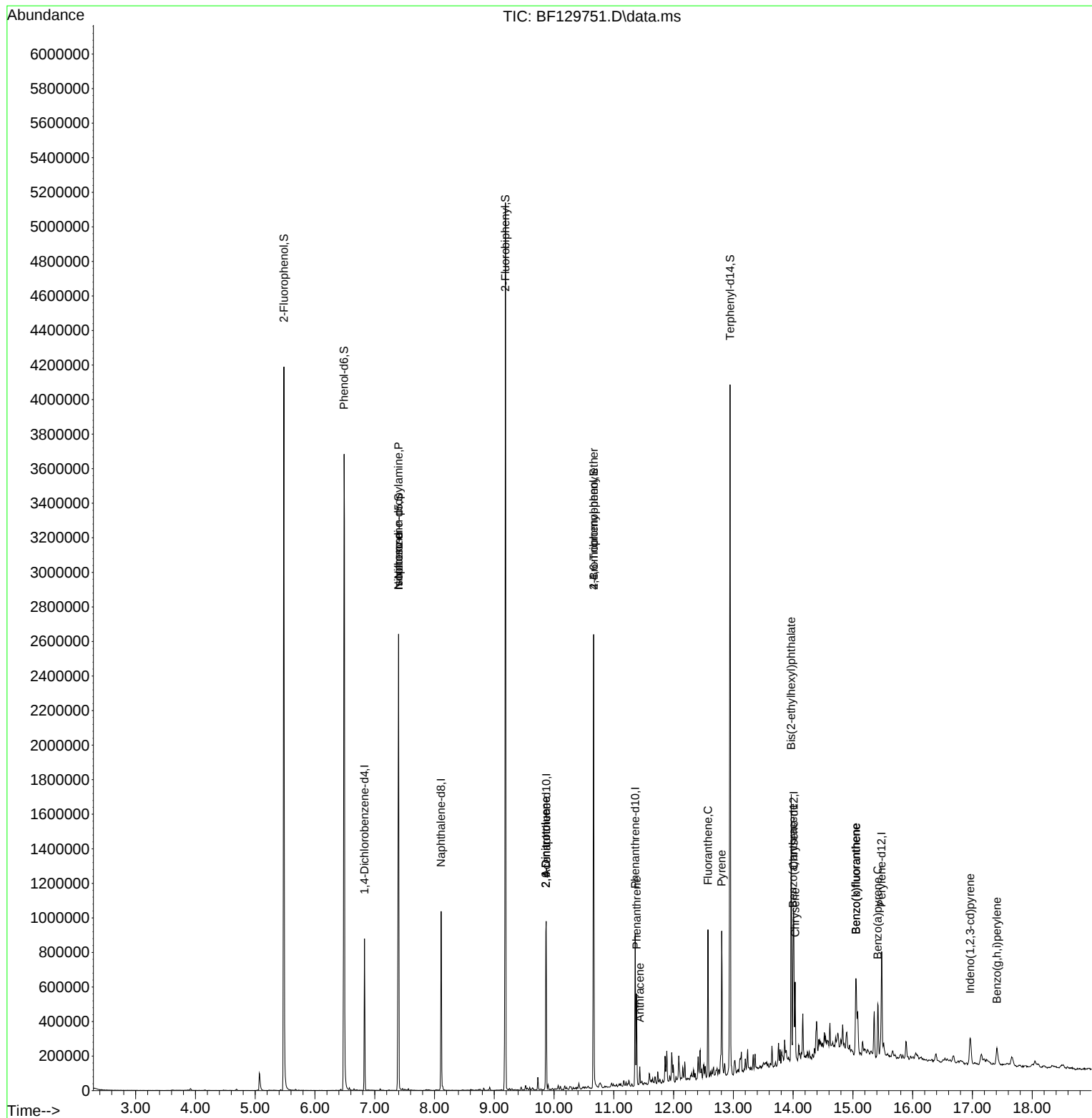
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	117387	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	444778	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	205517	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	287513	20.000	ng	0.00
76) Chrysene-d12	14.010	240	248867	20.000	ng	0.00
86) Perylene-d12	15.480	264	265261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1130625	156.899	ng	0.01
7) Phenol-d6	6.487	99	1385321	152.945	ng	0.00
23) Nitrobenzene-d5	7.398	82	872963	107.141	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	285539	144.511	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1549980	116.669	ng	0.00
79) Terphenyl-d14	12.945	244	1294797	98.154	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	115496	21.063	ng	# 73
25) Isophorone	7.398	82	872951	59.771	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	26827	8.448	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	26827	6.467	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	17774	5.645	ng	# 1
71) Phenanthrene	11.380	178	173562	11.059	ng	98
72) Anthracene	11.433	178	39633	2.570	ng	98
75) Fluoranthene	12.575	202	297687	18.720	ng	99
78) Pyrene	12.804	202	320028	15.378	ng	97
81) Benzo(a)anthracene	13.998	228	162263	9.545	ng	96
83) Chrysene	14.033	228	185520	11.579	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	400370	33.690	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	79554	4.454	ng	94
88) Benzo(b)fluoranthene	15.051	252	306786	17.435	ng	100
89) Benzo(k)fluoranthene	15.051	252	306786	17.792	ng	100
90) Benzo(a)pyrene	15.416	252	144994	10.151	ng	98
92) Benzo(g,h,i)perylene	17.409	276	75115	5.056	ng	99

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

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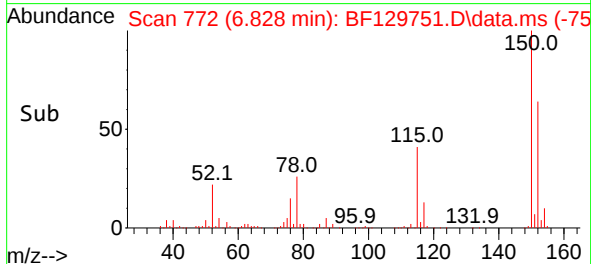
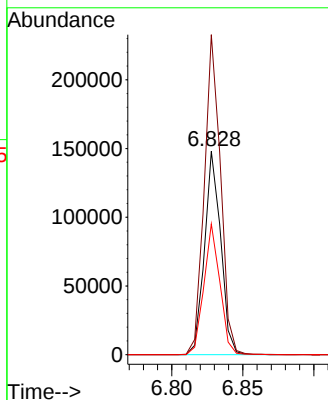
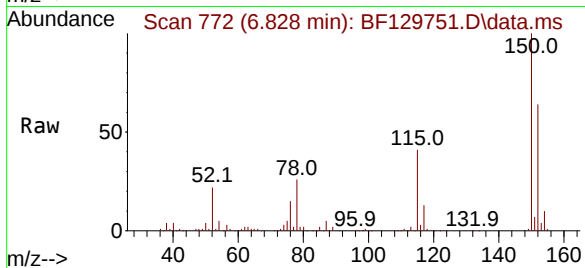




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129751.D
 Acq: 12 Aug 2022 18:52

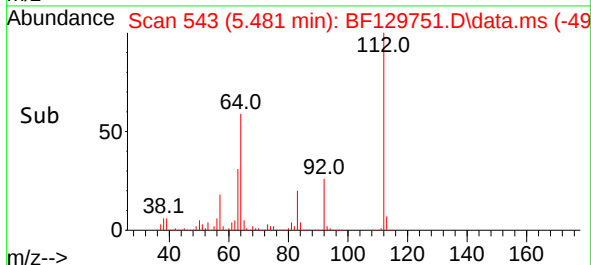
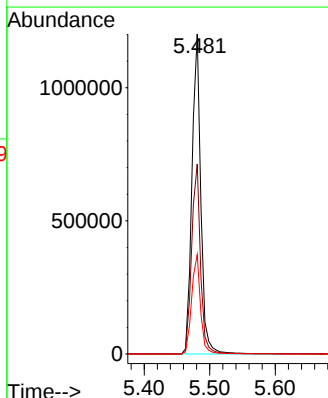
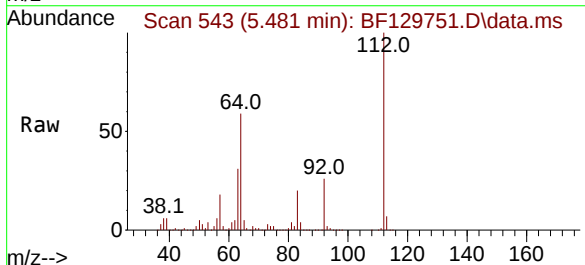
Instrument :
 BNA_F
 ClientSampleId :
 RO-7211930

Tgt Ion:152 Resp: 117387
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.7 185.5
 115 64.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 156.899 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129751.D
 Acq: 12 Aug 2022 18:52

Tgt Ion:112 Resp: 1130625
 Ion Ratio Lower Upper
 112 100
 64 59.3 53.3 79.9
 63 31.0 28.0 42.0

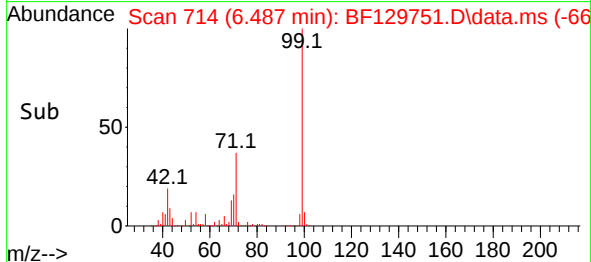
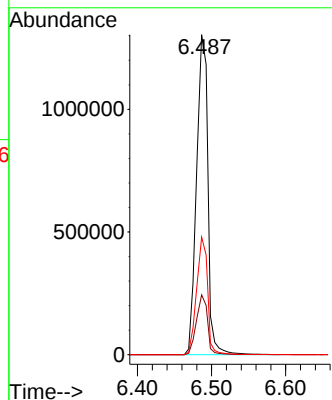
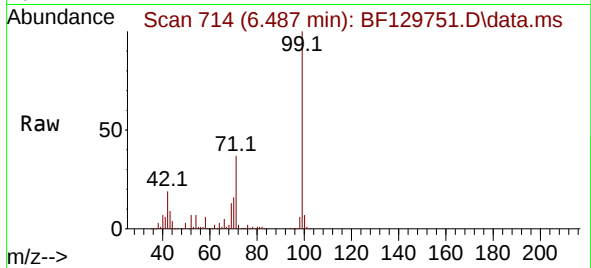




#7
Phenol-d6
Concen: 152.945 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

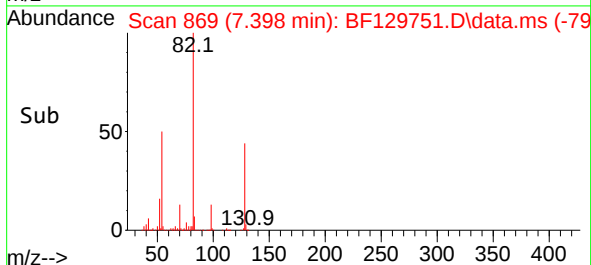
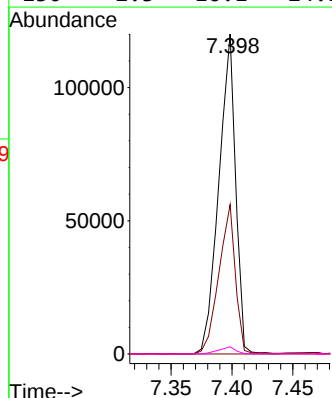
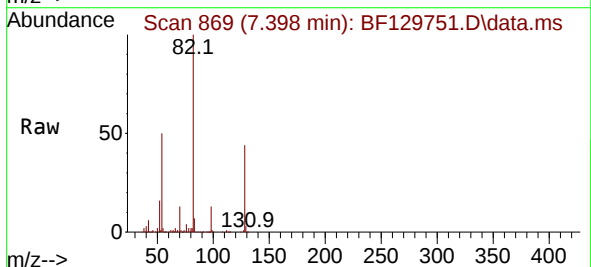
Instrument :
BNA_F
ClientSampleId :
RO-7211930

Tgt Ion: 99 Resp: 1385321
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.063 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion: 70 Resp: 115496
Ion Ratio Lower Upper
70 100
42 46.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



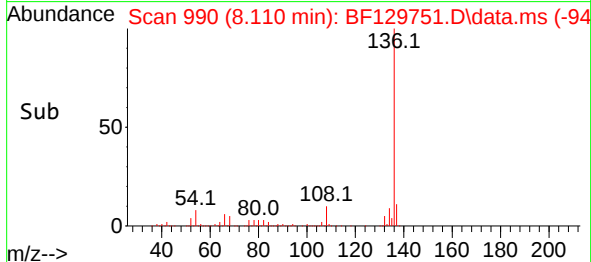
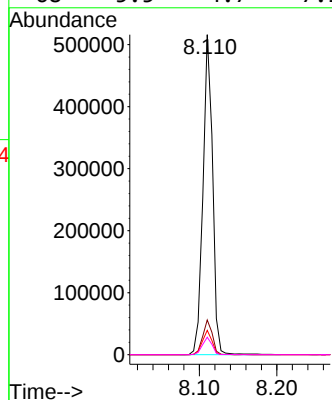
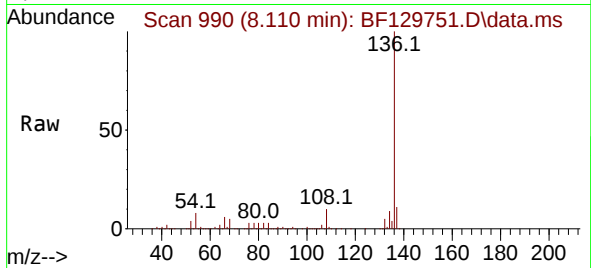


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Instrument :
BNA_F
ClientSampleId :
RO-7211930

Tgt Ion:136 Resp: 444778

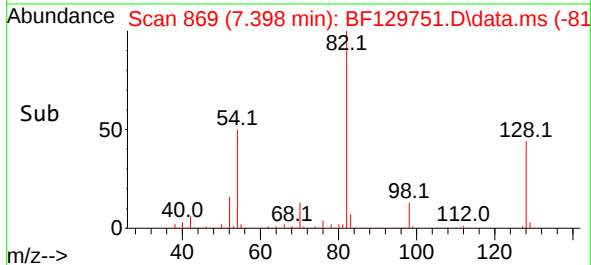
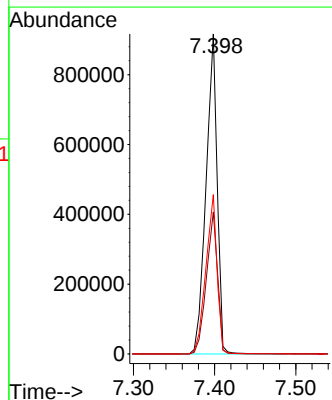
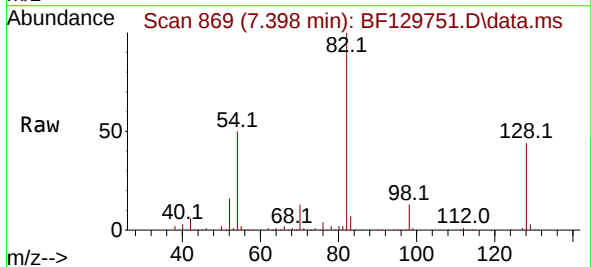
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 107.141 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion: 82 Resp: 872963

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	49.8	46.9	70.3

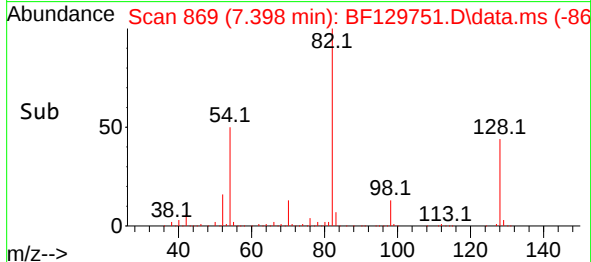
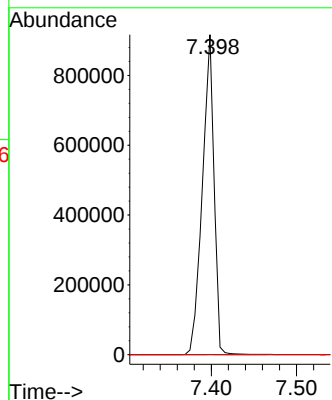
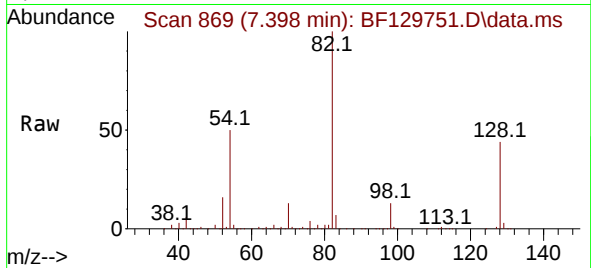




#25
Isophorone
Concen: 59.771 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

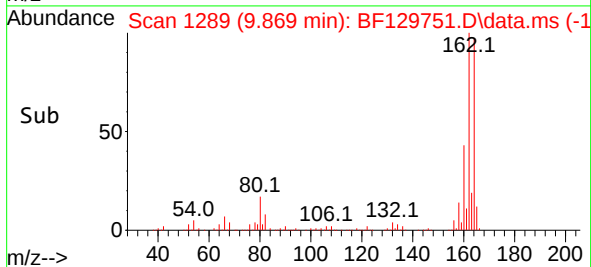
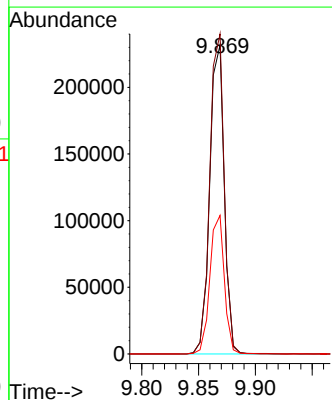
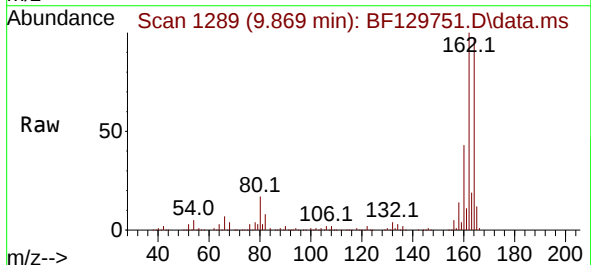
Instrument :
BNA_F
ClientSampleId :
RO-7211930

Tgt Ion: 82 Resp: 872951
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: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:164 Resp: 205517
Ion Ratio Lower Upper
164 100
162 103.6 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 144.511 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

Instrument :

BNA_F

ClientSampleId :

RO-7211930

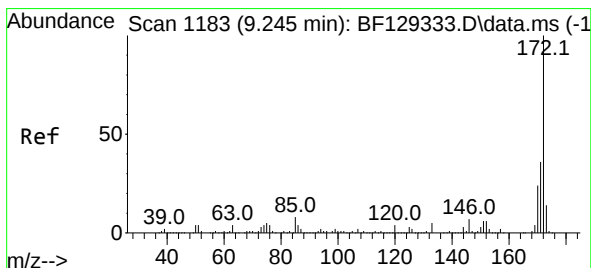
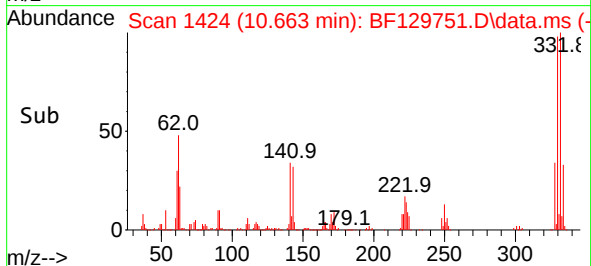
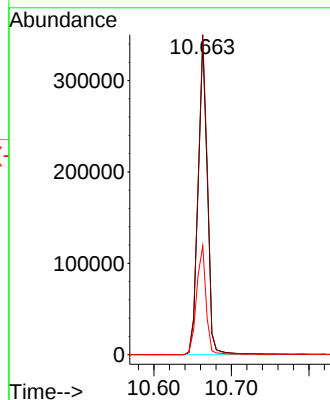
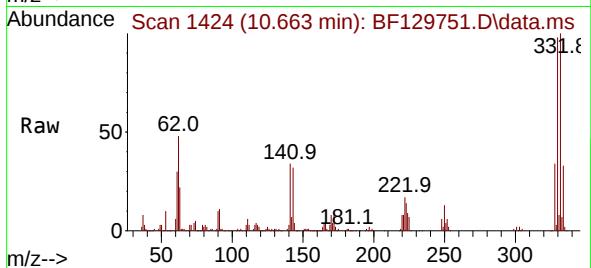
Tgt Ion:330 Resp: 285539

Ion Ratio Lower Upper

330 100

332 103.5 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 116.669 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

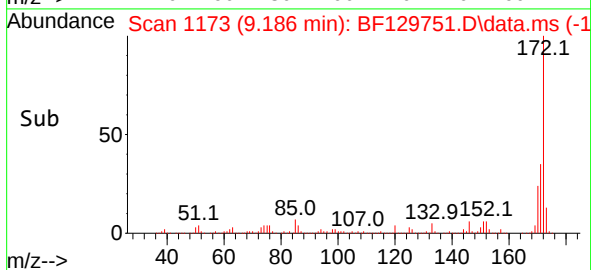
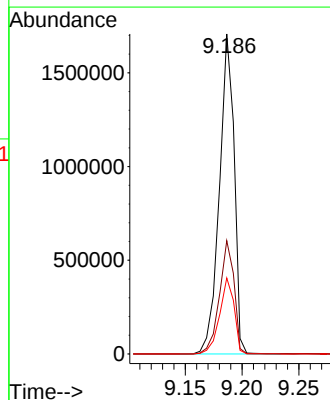
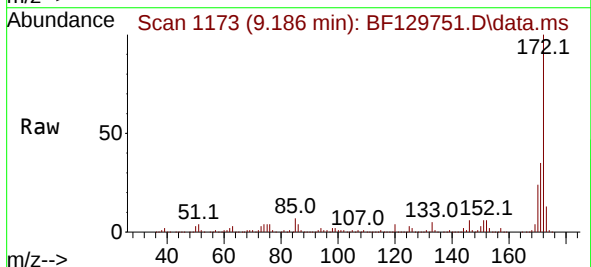
Tgt Ion:172 Resp: 1549980

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.8 29.8

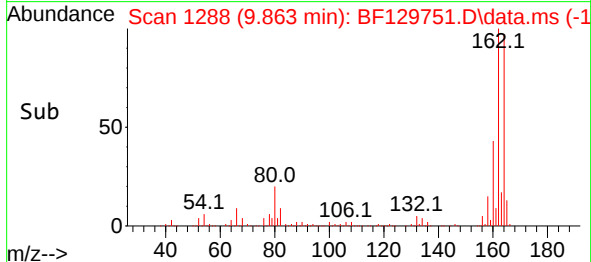
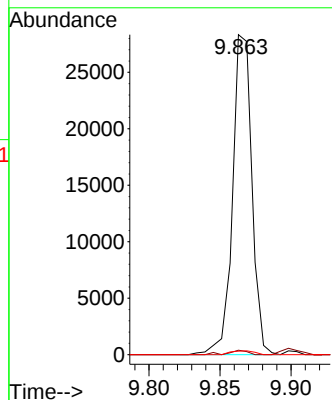
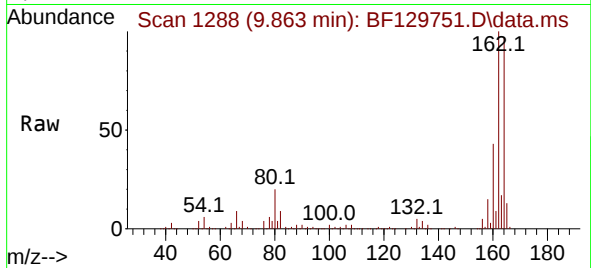




#51
2,6-Dinitrotoluene
Concen: 8.448 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

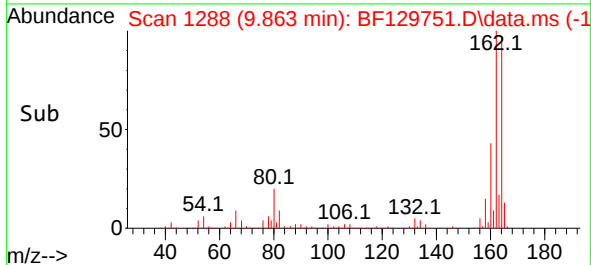
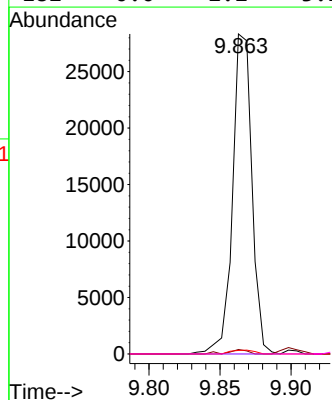
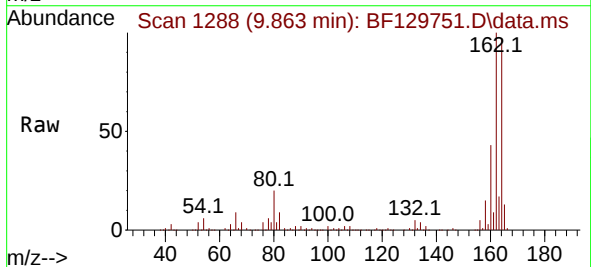
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:165 Resp: 26827
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.206 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:165 Resp: 26827
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

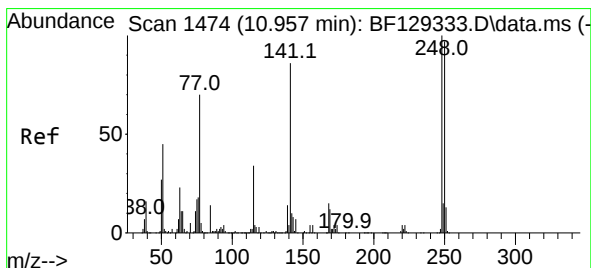
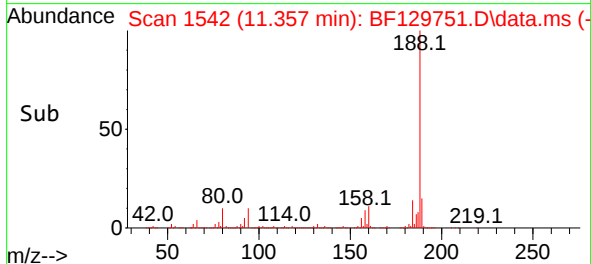
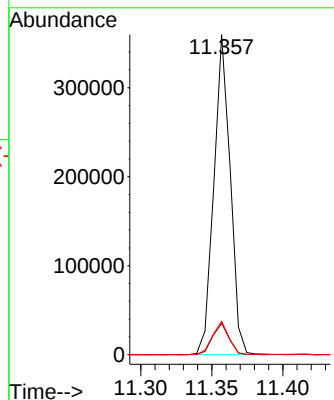
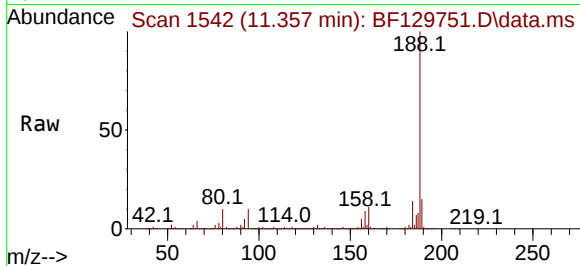




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

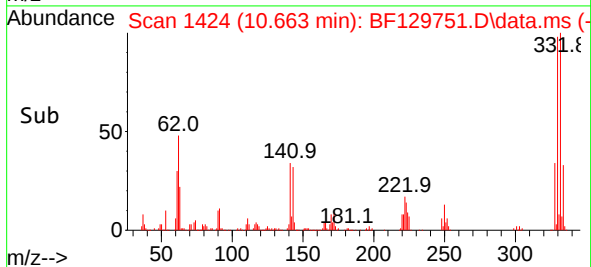
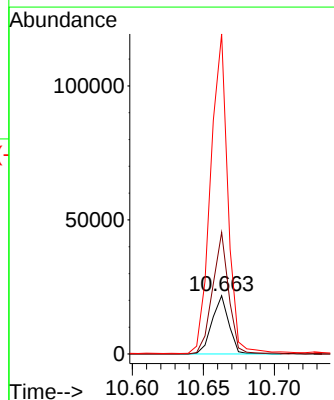
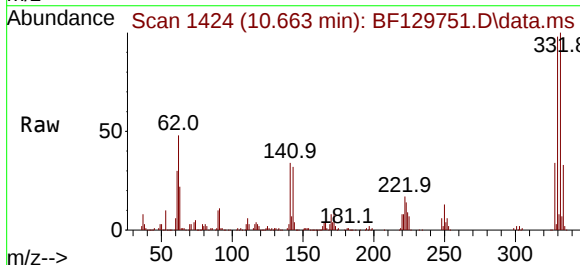
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ClientSampleId :
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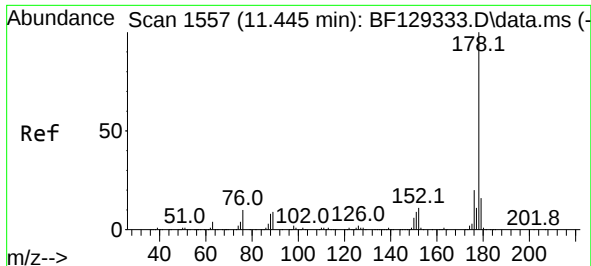
Tgt Ion:188 Resp: 287513
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.645 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.235 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:248 Resp: 17774
Ion Ratio Lower Upper
248 100
250 209.1 80.6 120.8#
141 550.1 58.9 88.3#

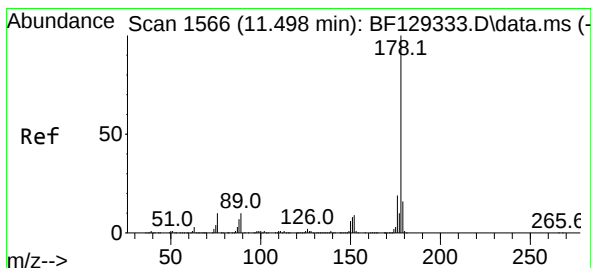
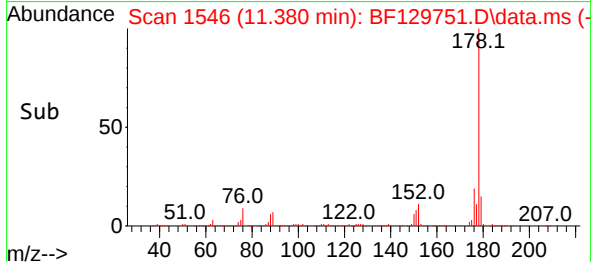
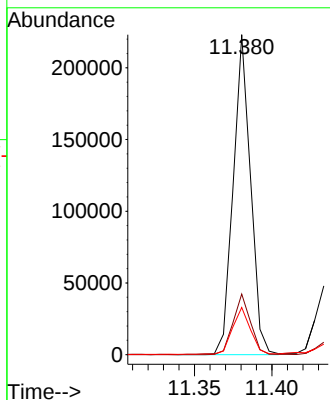
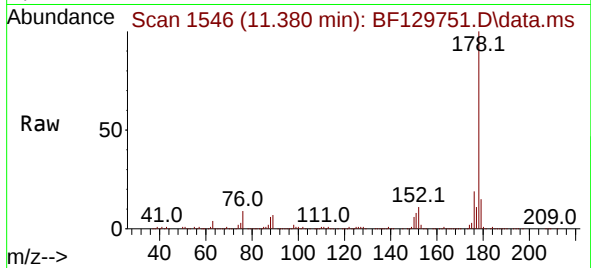




#71
Phenanthrene
Concen: 11.059 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

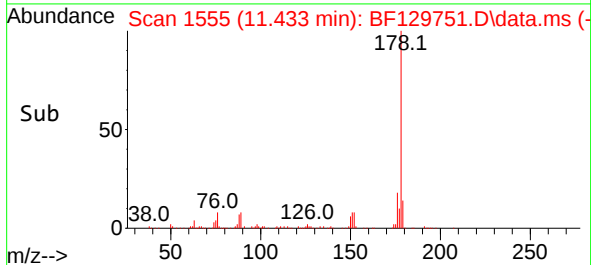
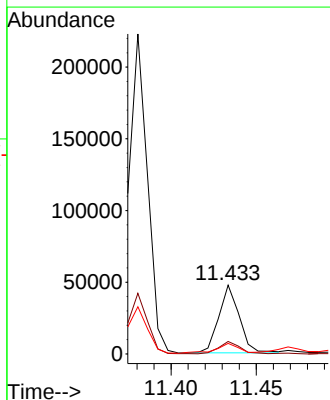
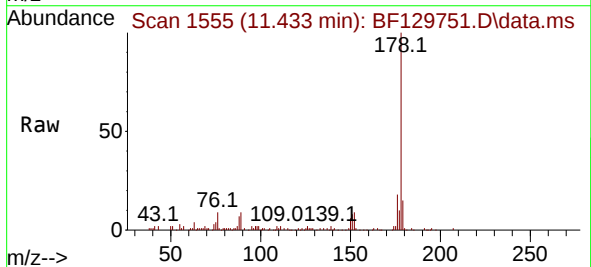
Instrument :
BNA_F
ClientSampleId :
RO-7211930

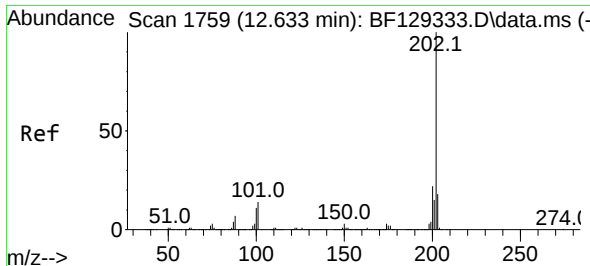
Tgt Ion:178 Resp: 173562
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.7 12.6 19.0



#72
Anthracene
Concen: 2.570 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:178 Resp: 39633
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.3 12.6 19.0

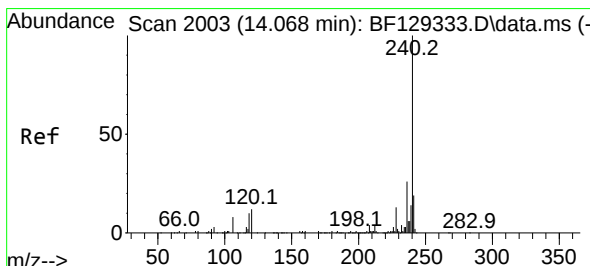
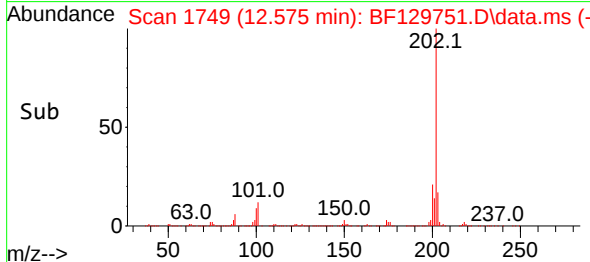
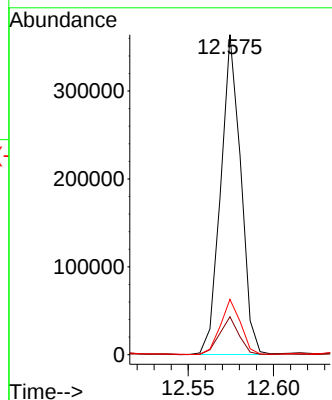
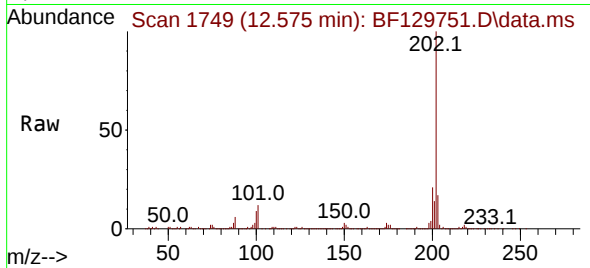




#75
Fluoranthene
Concen: 18.720 ng
RT: 12.575 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

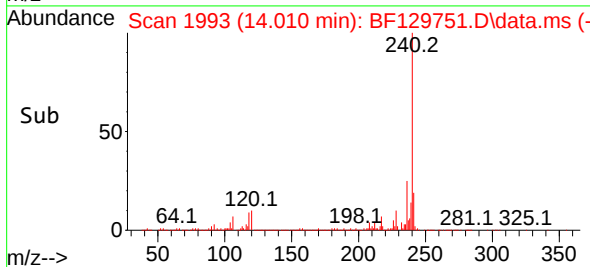
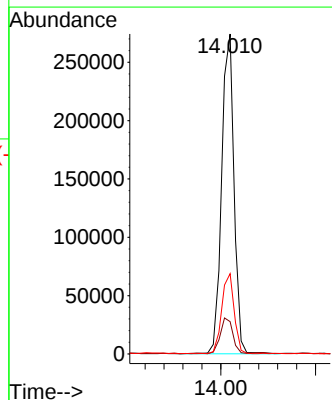
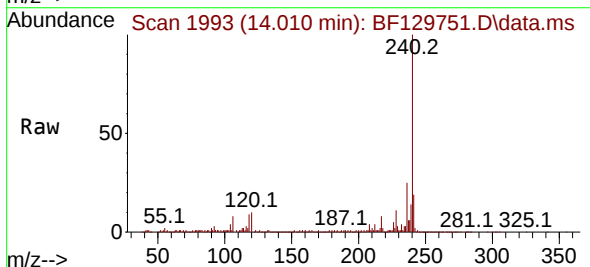
Instrument :
BNA_F
ClientSampleId :
RO-7211930

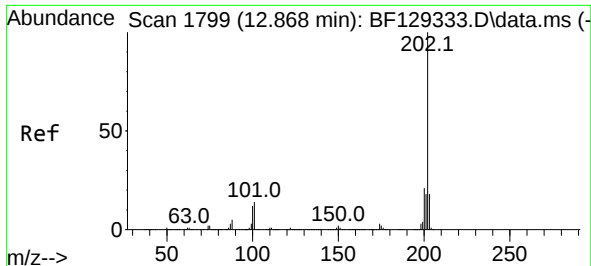
Tgt Ion:202 Resp: 297687
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:240 Resp: 248867
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.1 20.8 31.2

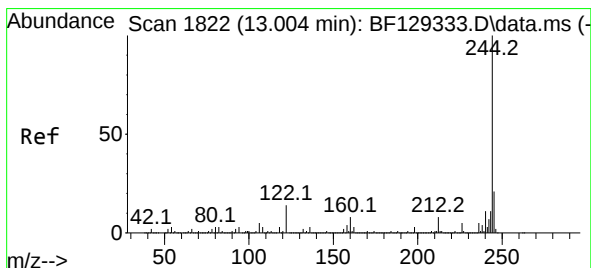
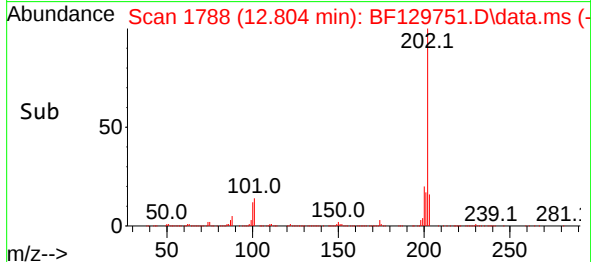
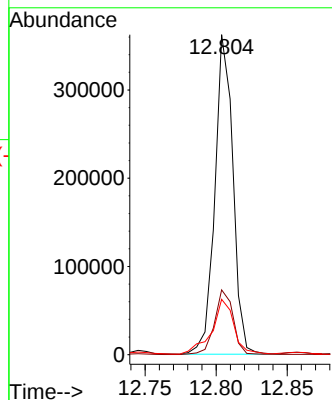
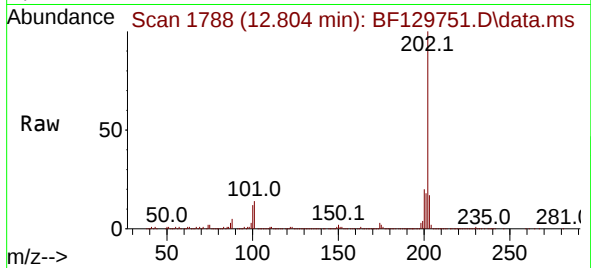




#78
Pyrene
Concen: 15.378 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

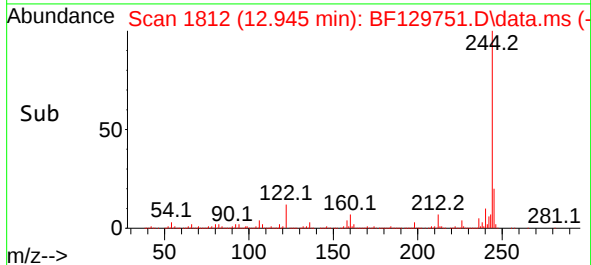
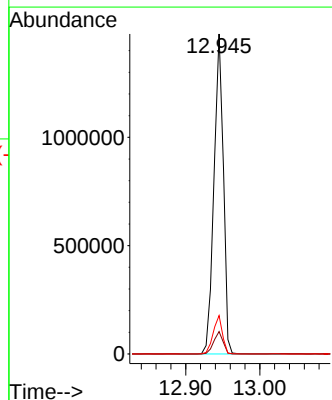
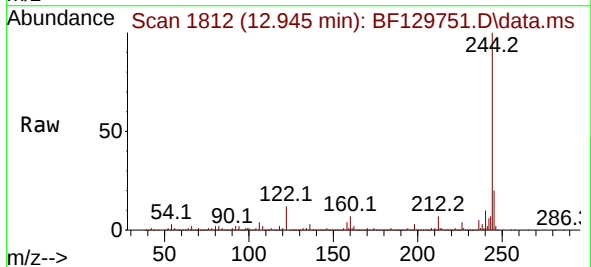
Instrument :
BNA_F
ClientSampleId :
RO-7211930

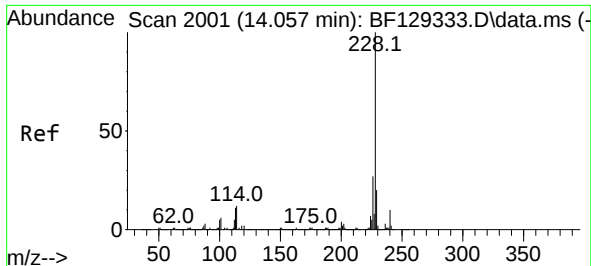
Tgt Ion:202 Resp: 320028
Ion Ratio Lower Upper
202 100
200 20.2 17.7 26.5
203 17.3 14.6 21.8



#79
Terphenyl-d14
Concen: 98.154 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:244 Resp: 1294797
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 12.0 8.8 13.2

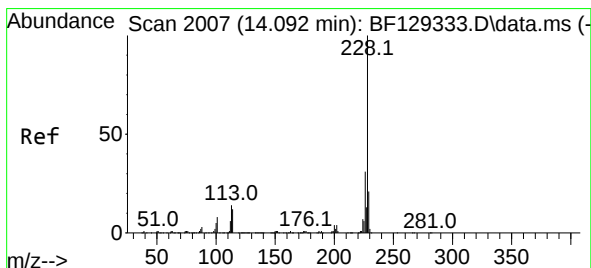
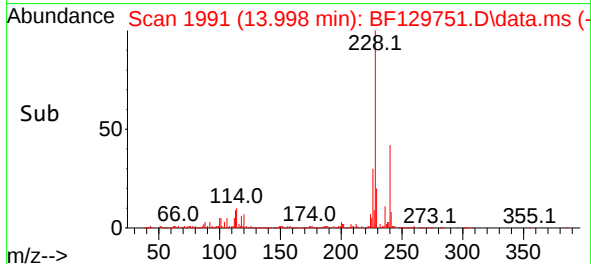
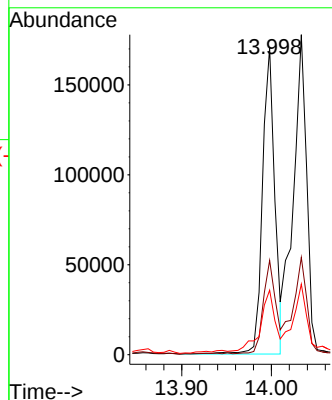
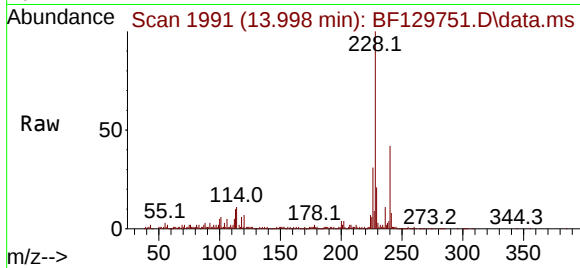




#81
Benzo(a)anthracene
Concen: 9.545 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

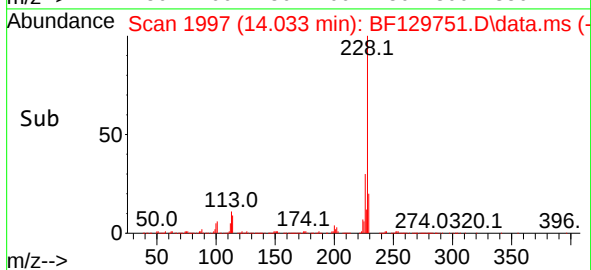
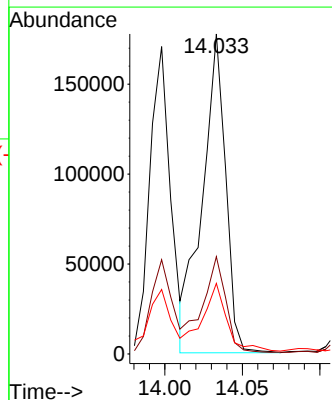
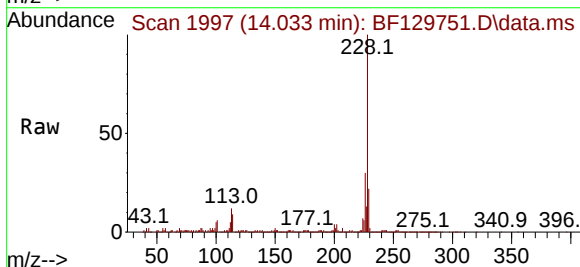
Instrument :
BNA_F
ClientSampleId :
RO-7211930

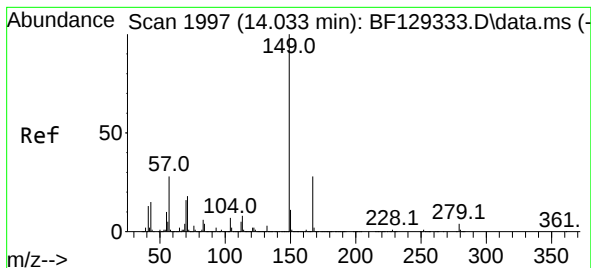
Tgt Ion:228 Resp: 162263
Ion Ratio Lower Upper
228 100
226 30.6 22.1 33.1
229 21.0 15.8 23.8



#83
Chrysene
Concen: 11.579 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:228 Resp: 185520
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.1 15.9 23.9

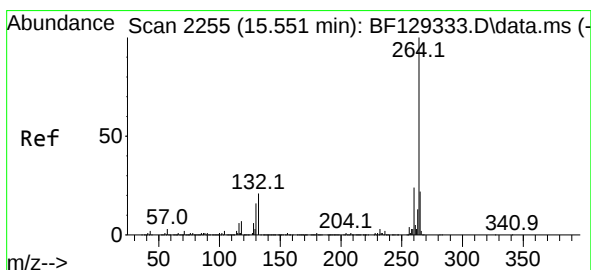
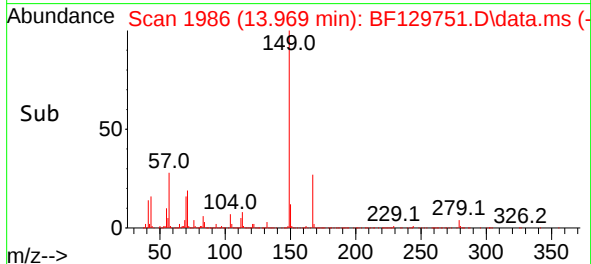
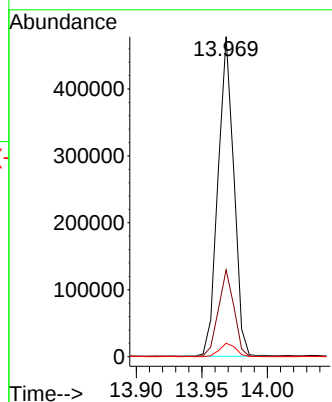
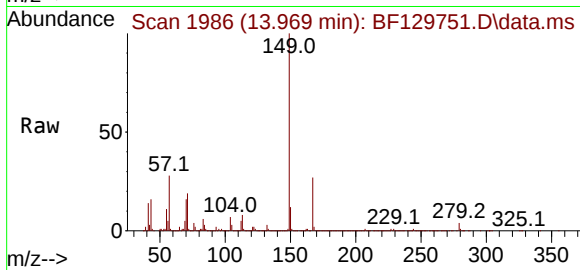




#84
Bis(2-ethylhexyl)phthalate
Concen: 33.690 ng
RT: 13.969 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

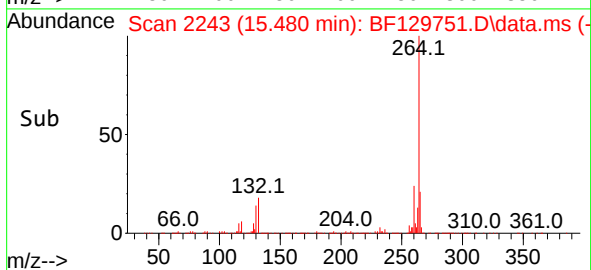
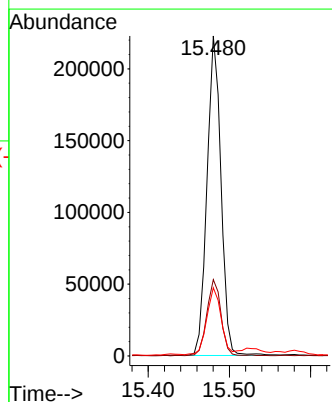
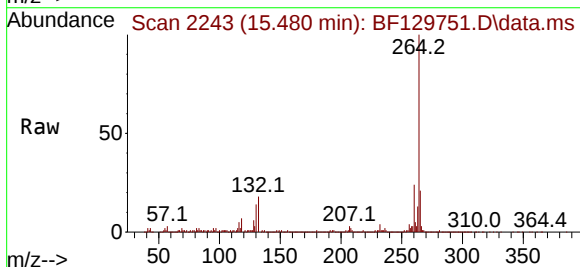
Instrument :
BNA_F
ClientSampleId :
RO-7211930

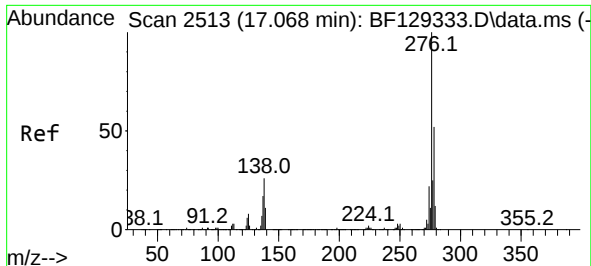
Tgt Ion:149 Resp: 400370
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 4.2 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:264 Resp: 265261
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.3 17.2 25.8

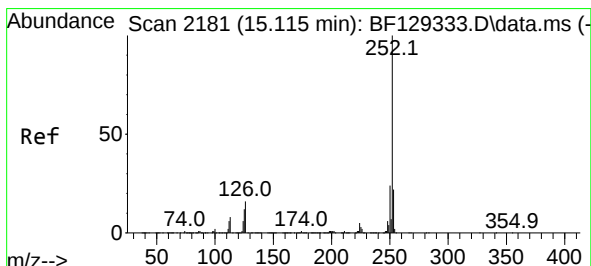
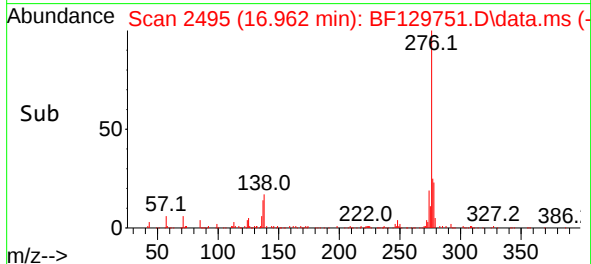
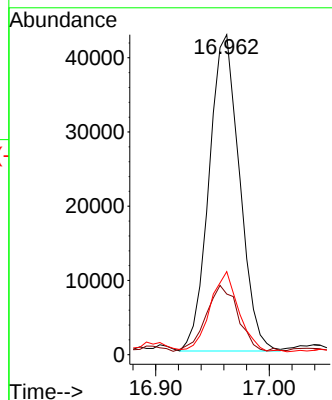
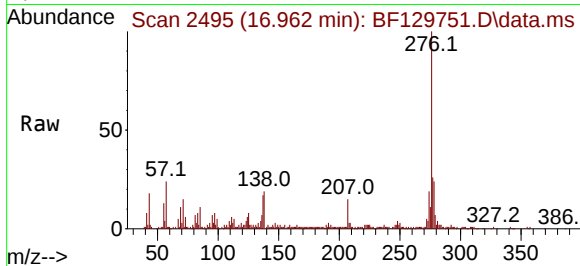




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.454 ng
RT: 16.962 min Scan# 2495
Delta R.T. -0.012 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

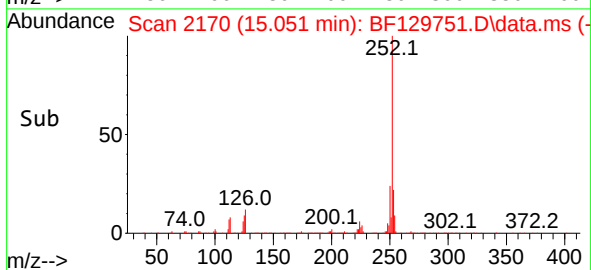
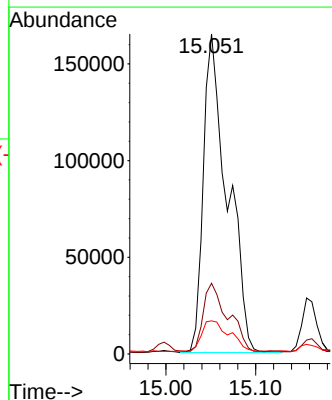
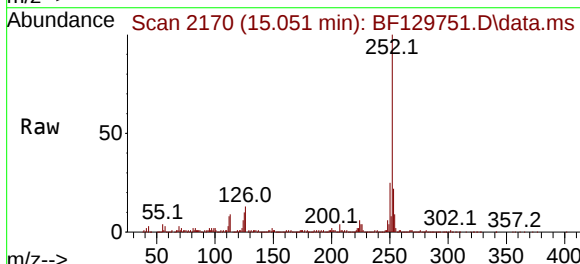
Instrument :
BNA_F
ClientSampleId :
RO-7211930

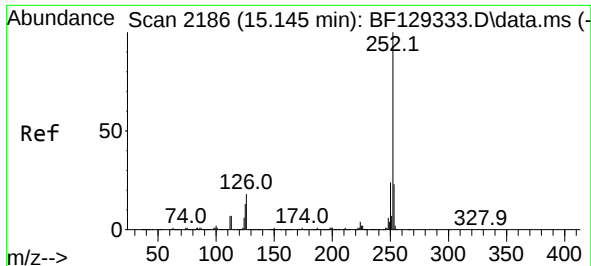
Tgt Ion:	276	Resp:	79554
Ion Ratio	Lower	Upper	
276	100		
138	21.7	21.1	31.7
277	24.2	20.3	30.5



#88
Benzo(b)fluoranthene
Concen: 17.435 ng
RT: 15.051 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:	252	Resp:	306786
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	10.3	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 17.792 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

Instrument :

BNA_F

ClientSampleId :

RO-7211930

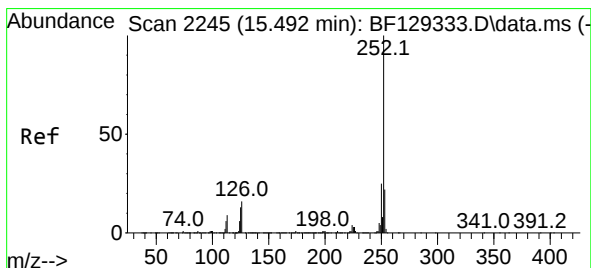
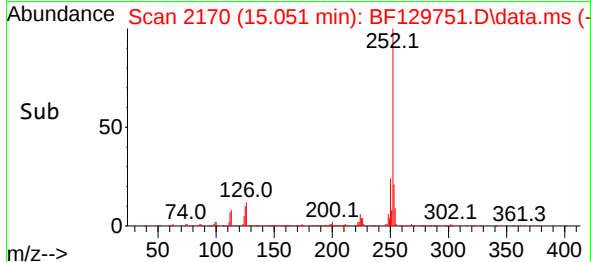
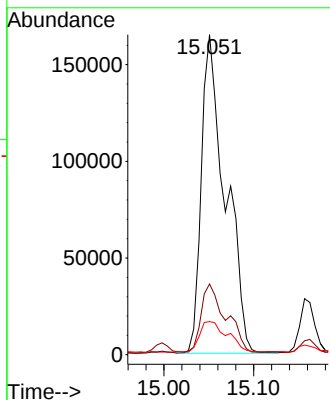
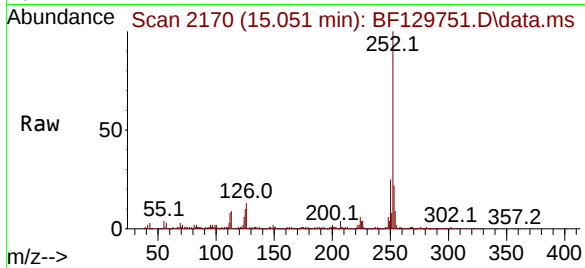
Tgt Ion:252 Resp: 306786

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 10.151 ng

RT: 15.416 min Scan# 2232

Delta R.T. -0.006 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

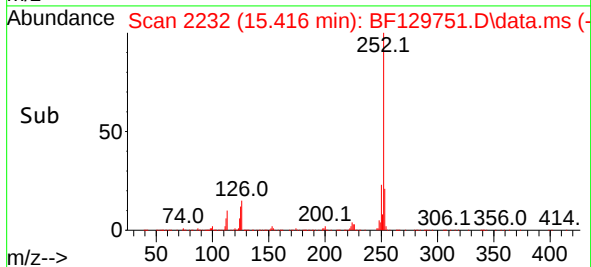
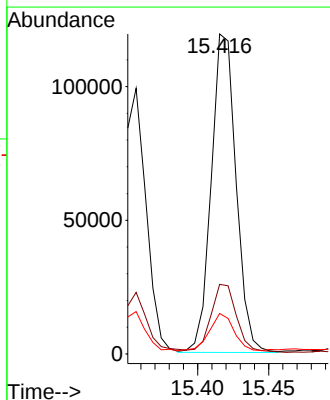
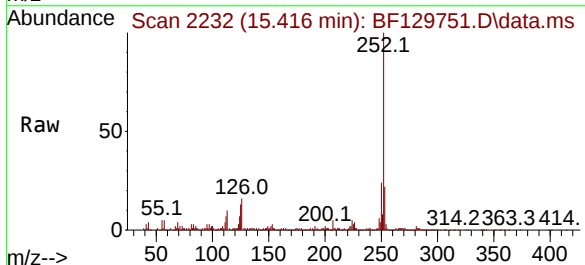
Tgt Ion:252 Resp: 144994

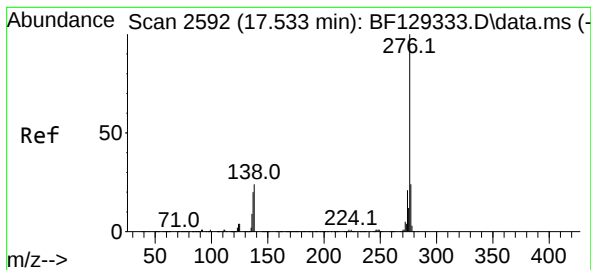
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 12.7 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 5.056 ng

RT: 17.409 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129751.D

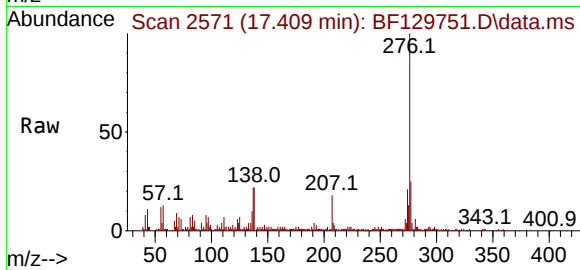
Acq: 12 Aug 2022 18:52

Instrument :

BNA_F

ClientSampleId :

RO-7211930



Tgt Ion:276 Resp: 75115

Ion Ratio Lower Upper

276 100

277 25.1 19.1 28.7

138 22.4 18.0 27.0

