

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128035.D
 Acq On : 02 May 2022 19:36
 Operator : CG\JU
 Sample : N2605-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-042822

Quant Time: May 03 07:28:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

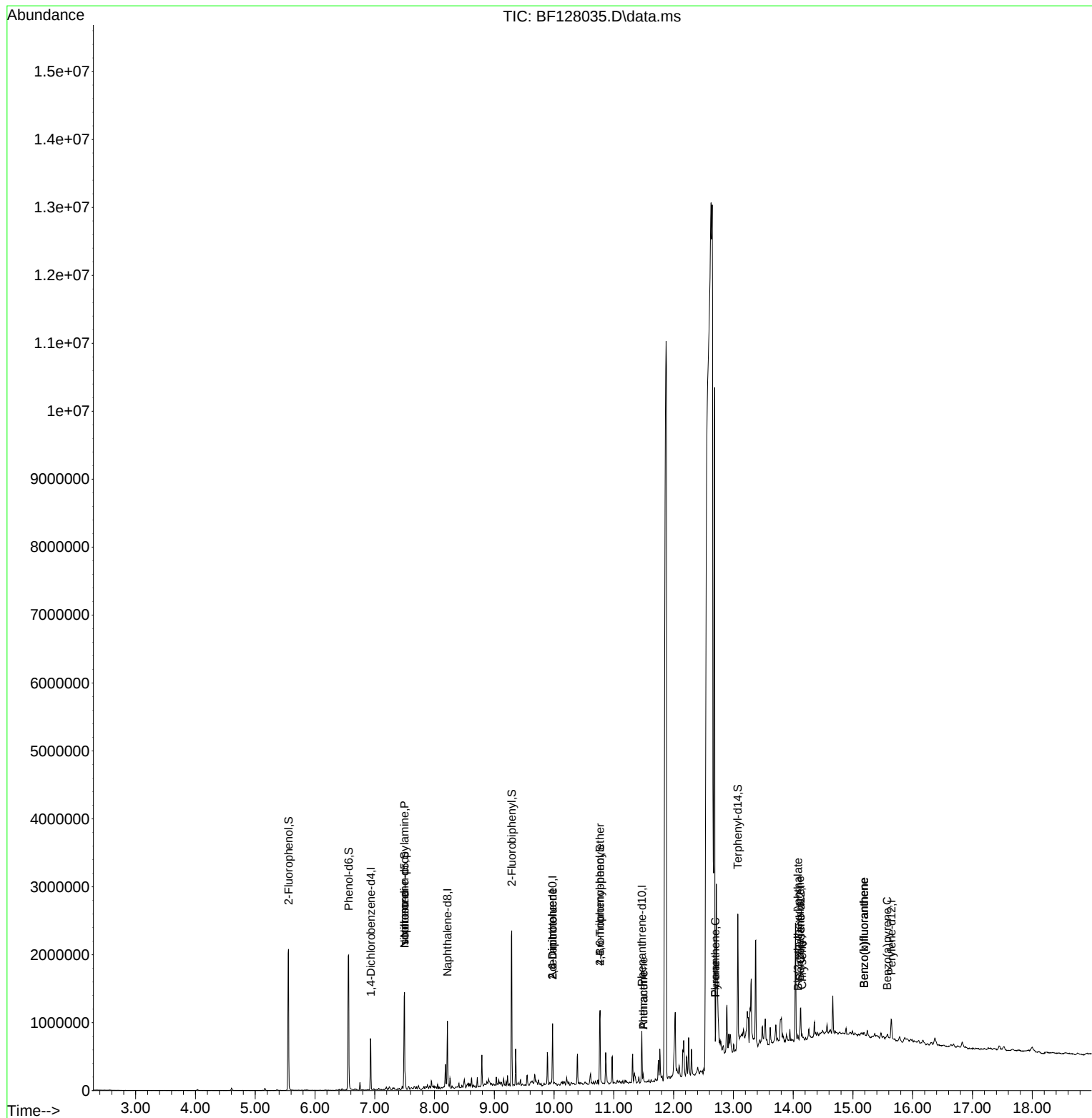
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	104639	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	355569	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	162425	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	258865	20.000	ng	0.00
76) Chrysene-d12	14.127	240	162892	20.000	ng	0.01
86) Perylene-d12	15.645	264	111370	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	555770	84.598	ng	0.00
7) Phenol-d6	6.563	99	698390	81.928	ng	0.00
23) Nitrobenzene-d5	7.498	82	472168	62.444	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	130396	79.749	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	686297	71.481	ng	0.00
79) Terphenyl-d14	13.074	244	605376	67.957	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	70546	13.519	ng	# 76
25) Isophorone	7.498	82	470273	36.953	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	23130	9.807	ng	# 22
57) 2,4-Dinitrotoluene	9.975	165	23130	7.404	ng	# 27
67) 4-Bromophenyl-phenylether	10.769	248	8190	2.854	ng	# 1
71) Phenanthrene	11.492	178	32105	2.369	ng	98
72) Anthracene	11.492	178	32105	2.378	ng	98
75) Fluoranthene	12.698	202	56314	3.949	ng	95
78) Pyrene	12.698	202	56314	4.283	ng	98
81) Benzo(a)anthracene	14.115	228	29249	2.694	ng	# 86
83) Chrysene	14.151	228	33224	3.204	ng	# 84
84) Bis(2-ethylhexyl)phtha...	14.080	149	18113	2.650	ng	# 89
88) Benzo(b)fluoranthene	15.186	252	35085	5.016	ng	# 54
89) Benzo(k)fluoranthene	15.186	252	35085	4.978	ng	# 53
90) Benzo(a)pyrene	15.574	252	15717	2.709	ng	# 57

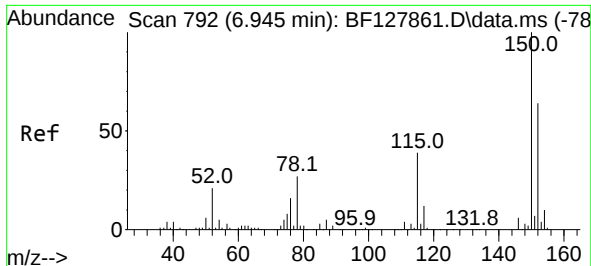
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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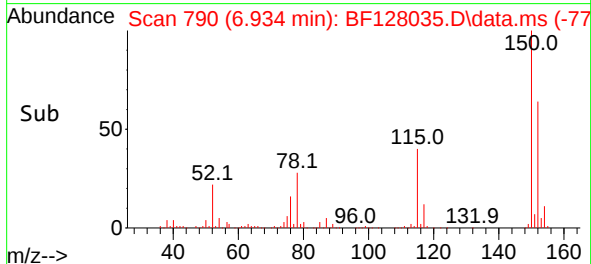
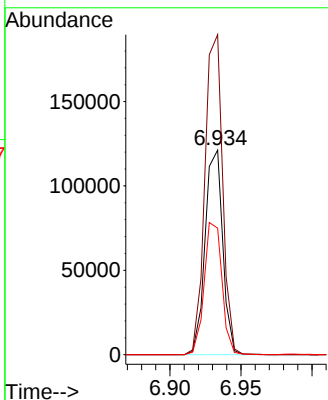
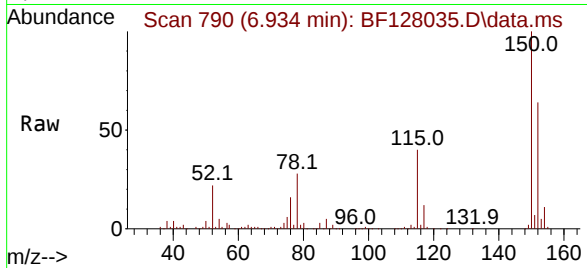




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF128035.D
 Acq: 02 May 2022 19:36

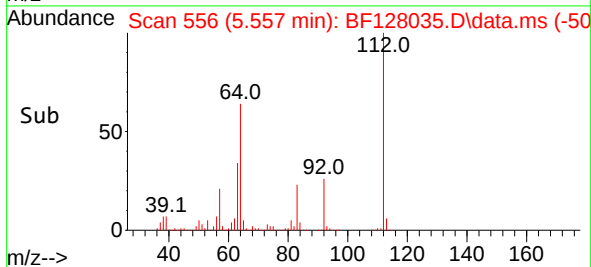
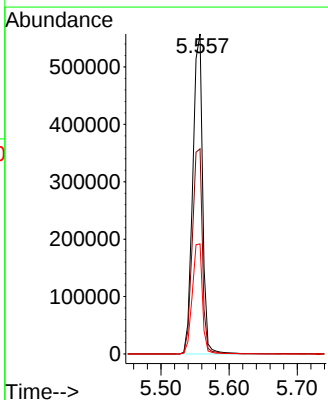
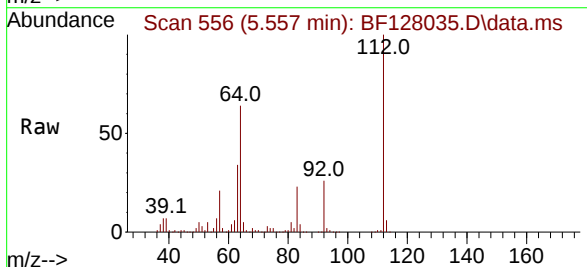
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-042822

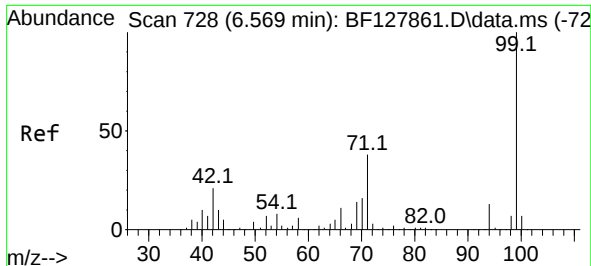
Tgt Ion:152 Resp: 104639
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.3 187.9
 115 61.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 84.598 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: BF128035.D
 Acq: 02 May 2022 19:36

Tgt Ion:112 Resp: 555770
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.5 74.3
 63 34.4 26.3 39.5

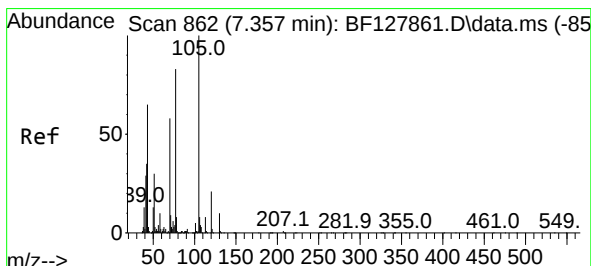
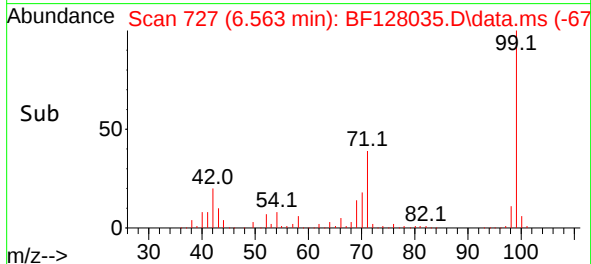
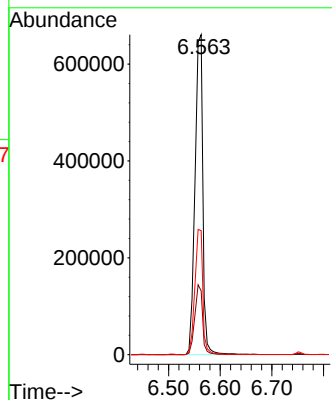
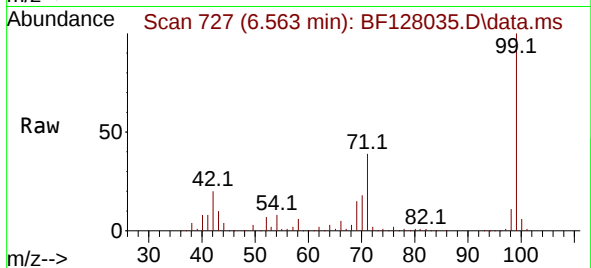




#7
Phenol-d6
Concen: 81.928 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

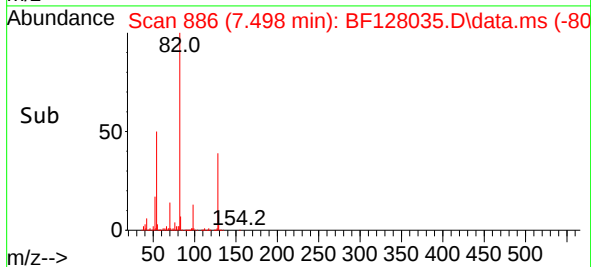
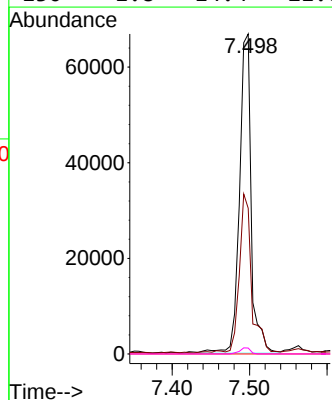
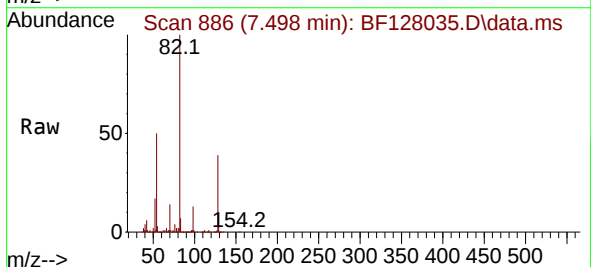
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

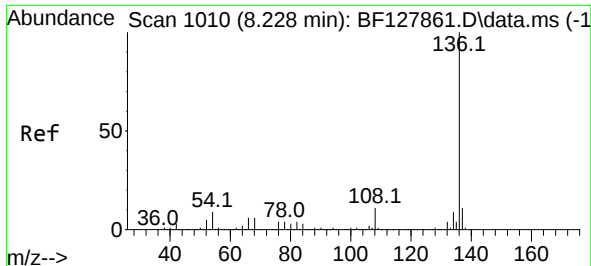
Tgt Ion: 99 Resp: 698390
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 38.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.519 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion: 70 Resp: 70546
Ion Ratio Lower Upper
70 100
42 45.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



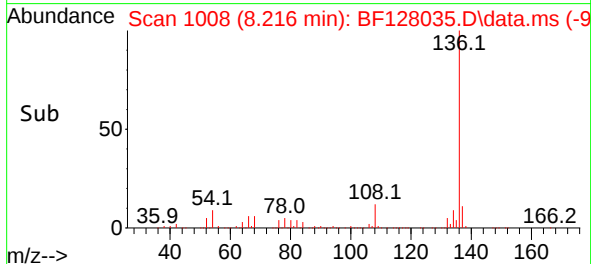
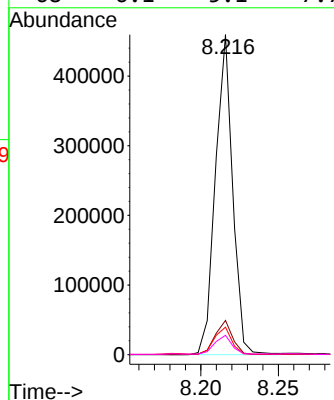
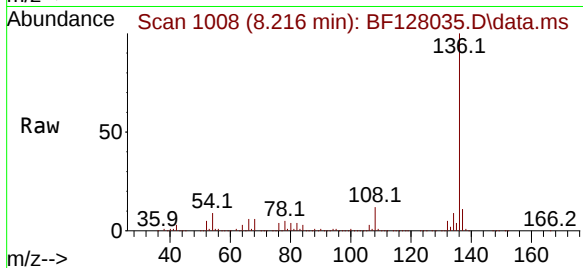


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Instrument :
BNA_F
ClientSampleId :
TR-04-042822

Tgt Ion:136 Resp: 355569

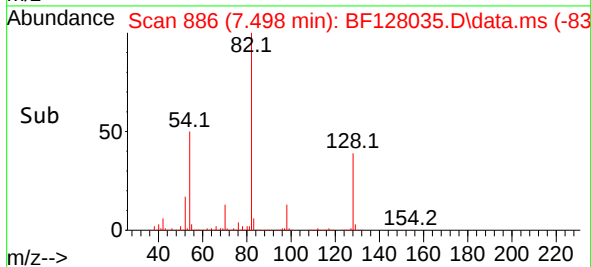
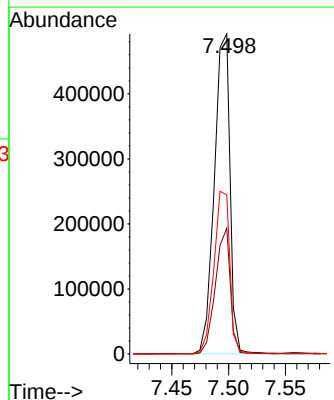
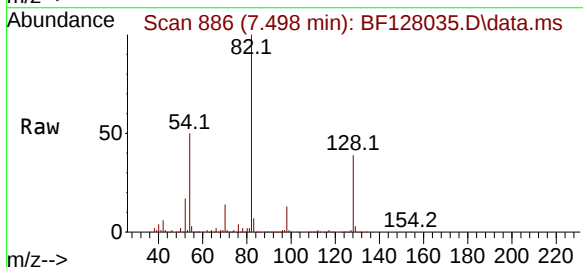
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	6.8	10.2
68	6.1	5.1	7.7

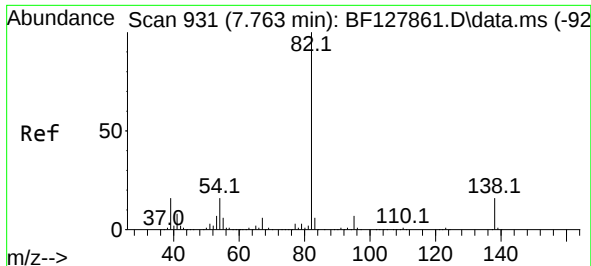


#23
Nitrobenzene-d5
Concen: 62.444 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion: 82 Resp: 472168

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.0	45.0
54	49.7	41.3	61.9

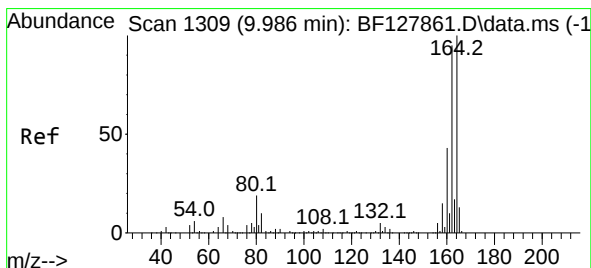
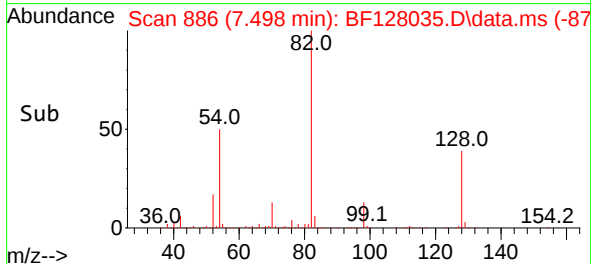
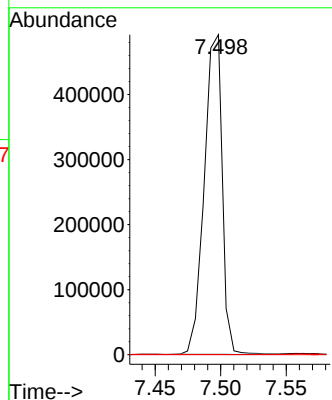
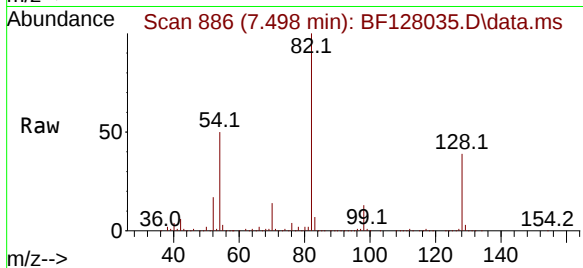




#25
Isophorone
Concen: 36.953 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

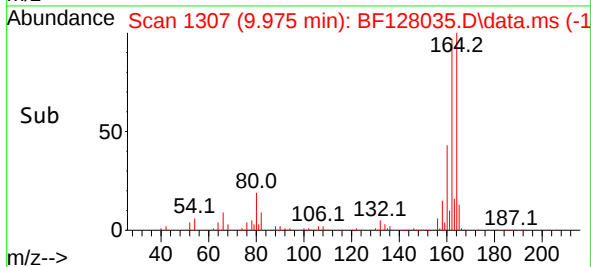
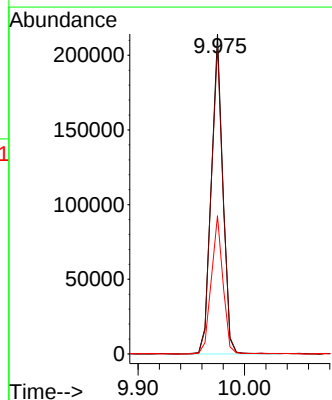
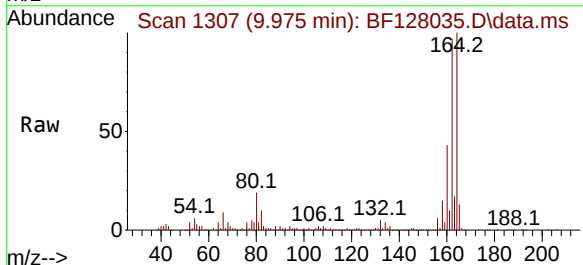
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

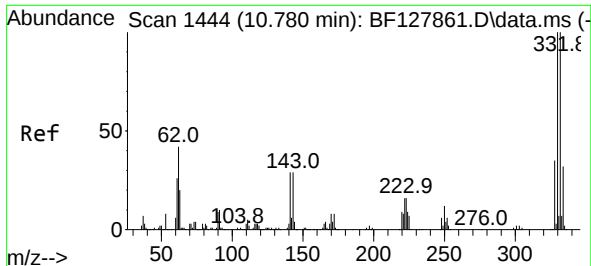
Tgt Ion: 82 Resp: 470273
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:164 Resp: 162425
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 43.2 34.8 52.2

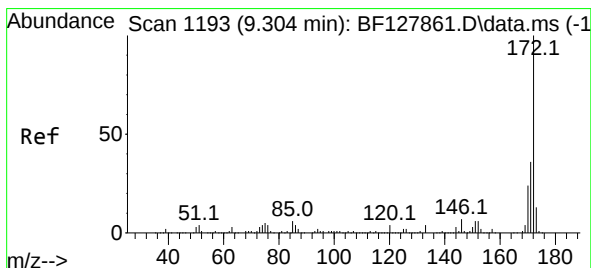
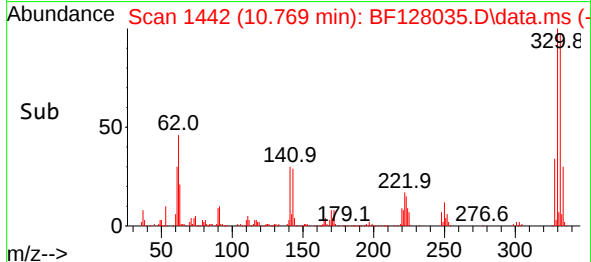
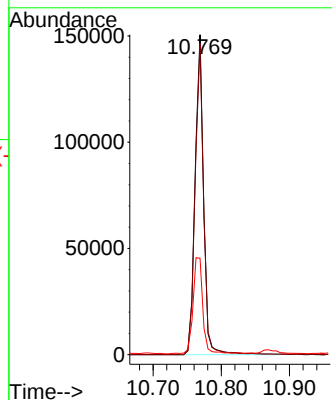
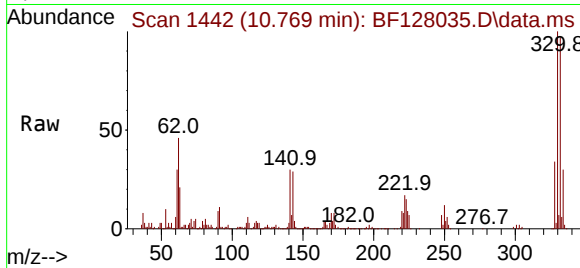




#42
 2,4,6-Tribromophenol
 Concen: 79.749 ng
 RT: 10.769 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF128035.D
 Acq: 02 May 2022 19:36

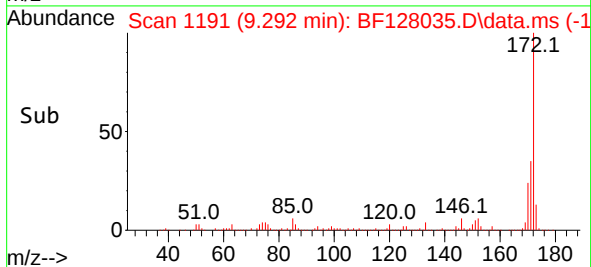
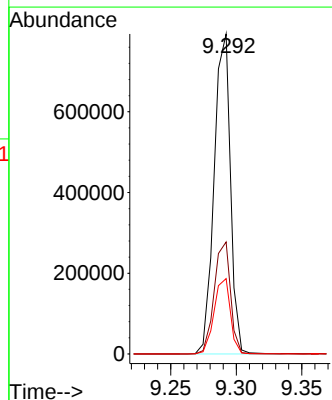
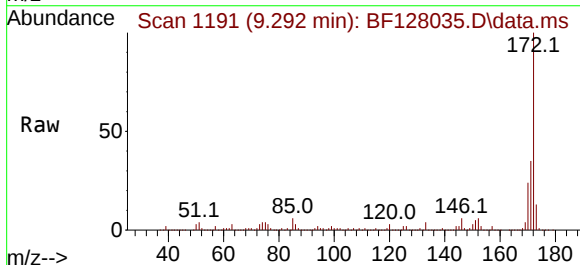
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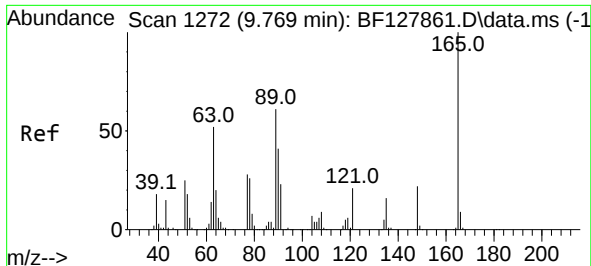
Tgt Ion:330 Resp: 130396
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 34.6 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 71.481 ng
 RT: 9.292 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BF128035.D
 Acq: 02 May 2022 19:36

Tgt Ion:172 Resp: 686297
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.5 19.1 28.7

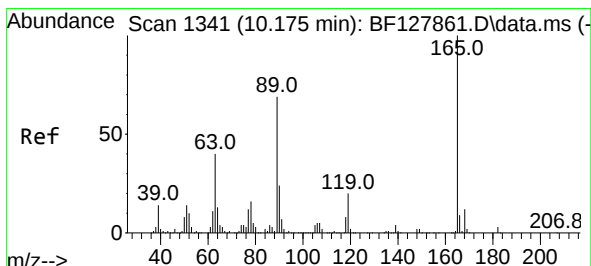
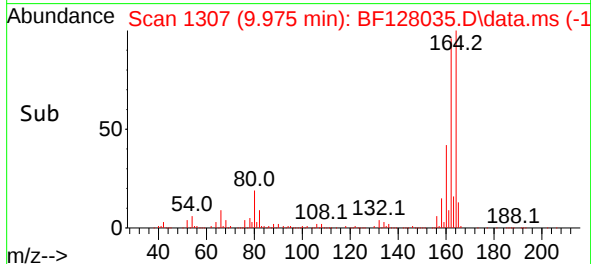
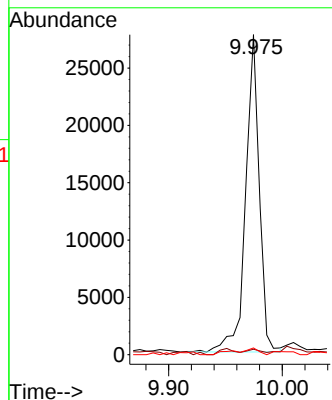
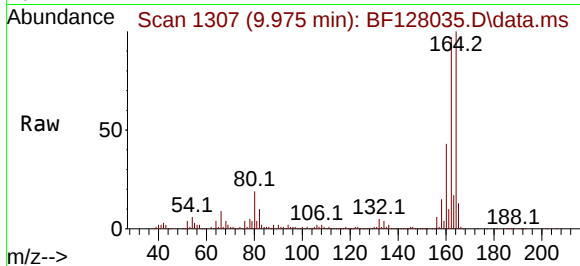




#51
2,6-Dinitrotoluene
Concen: 9.807 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

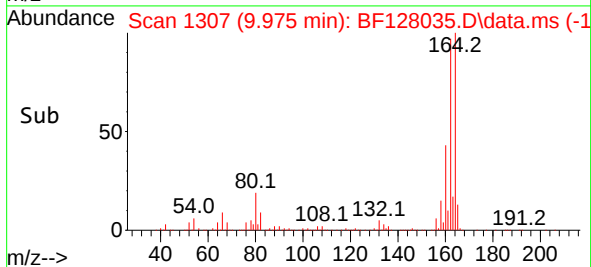
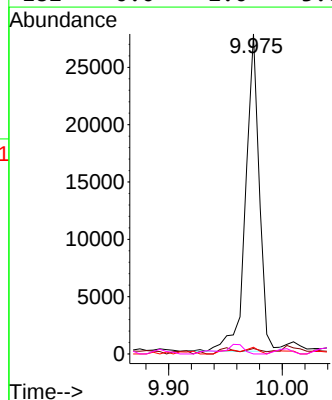
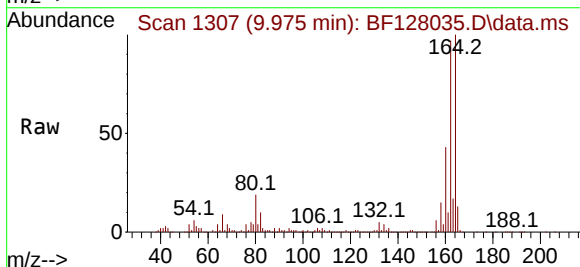
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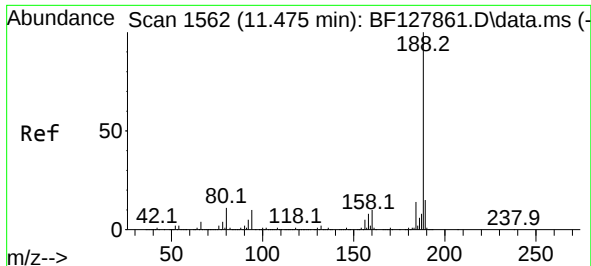
Tgt Ion:165 Resp: 23130
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 2.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.404 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.188 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:165 Resp: 23130
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 2.1 55.2 82.8#
182 0.0 2.0 3.0#

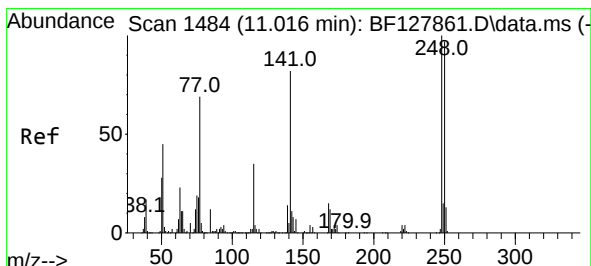
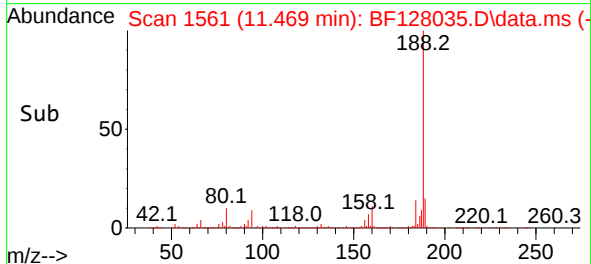
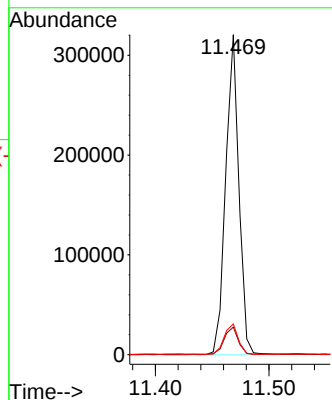
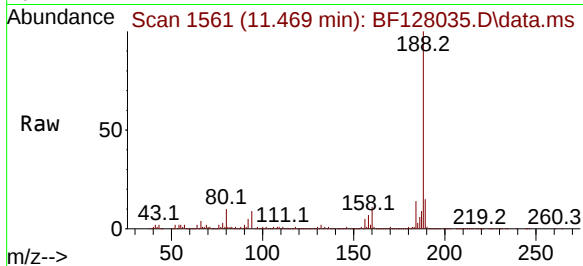




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

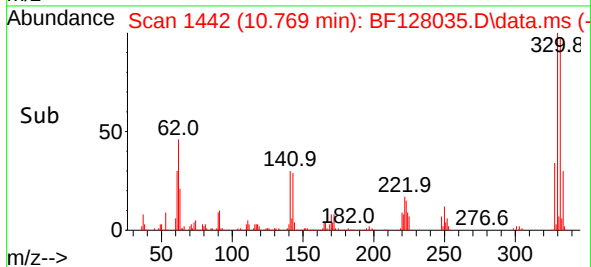
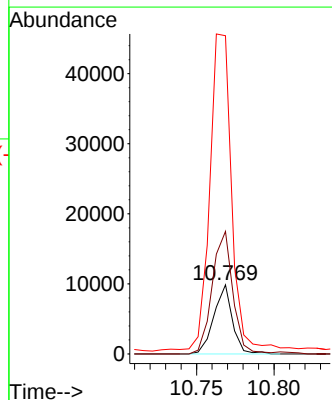
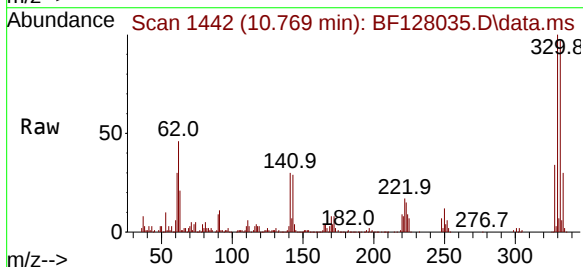
Instrument :
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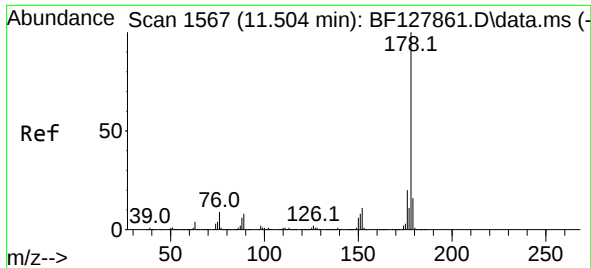
Tgt Ion:188 Resp: 258865
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.854 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:248 Resp: 8190
Ion Ratio Lower Upper
248 100
250 177.3 77.7 116.5#
141 460.3 65.6 98.4#

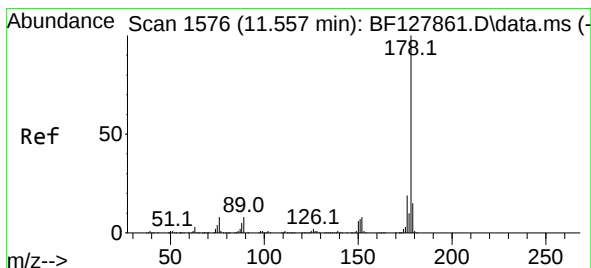
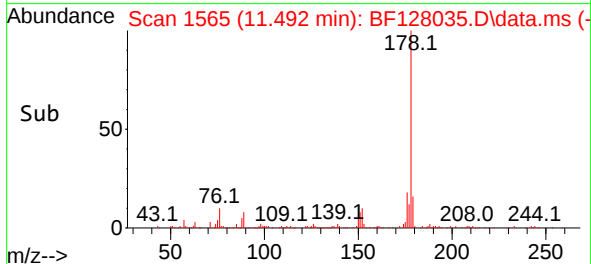
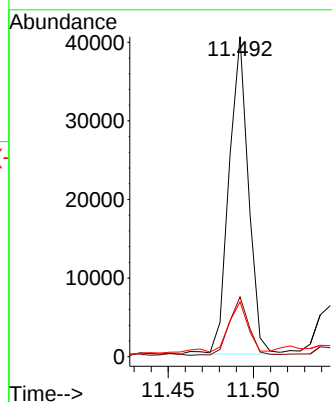
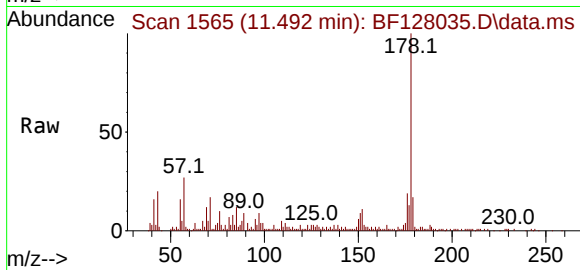




#71
Phenanthrene
Concen: 2.369 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

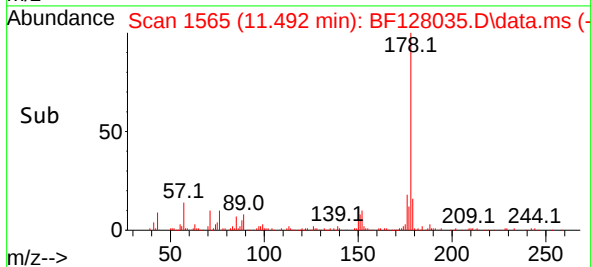
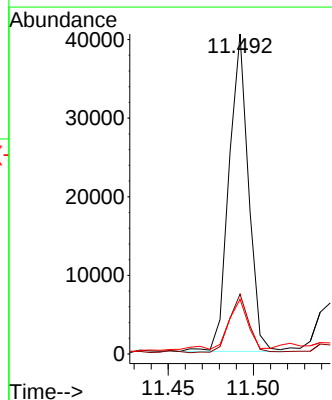
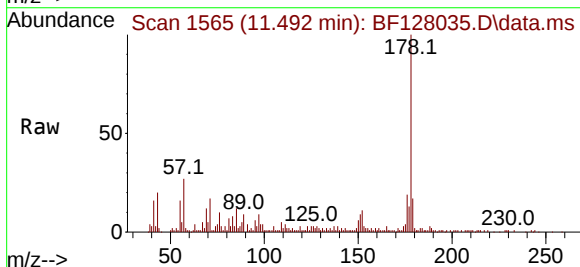
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

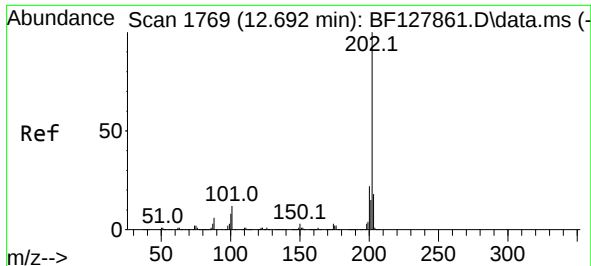
Tgt Ion:178 Resp: 32105
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 17.1 12.6 19.0



#72
Anthracene
Concen: 2.378 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.053 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:178 Resp: 32105
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 17.1 12.4 18.6

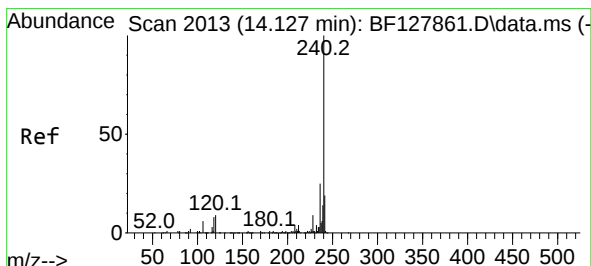
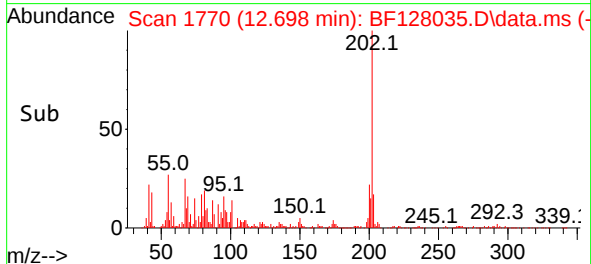
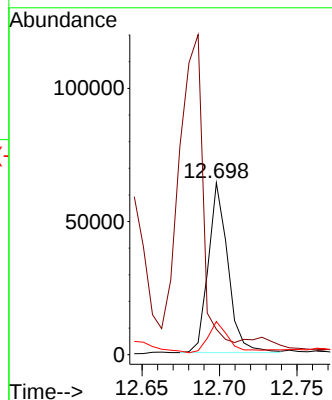
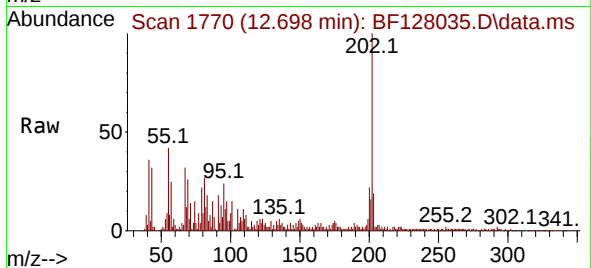




#75
Fluoranthene
Concen: 3.949 ng
RT: 12.698 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

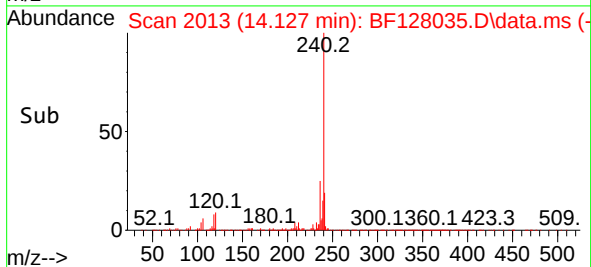
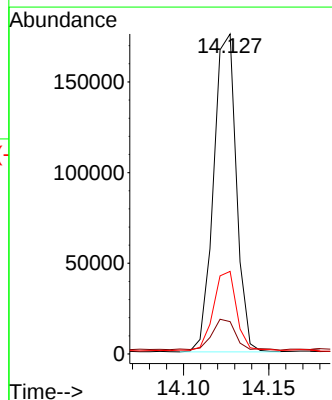
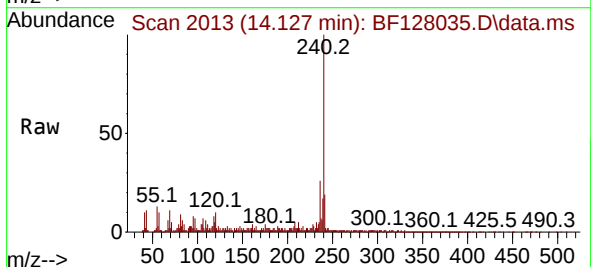
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

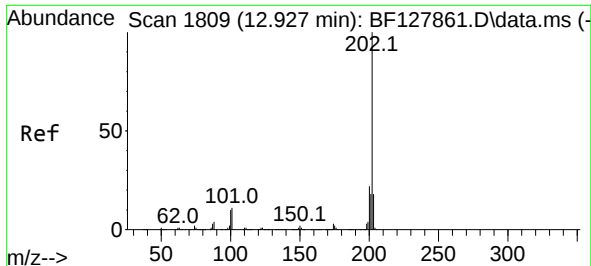
Tgt Ion:202 Resp: 56314
Ion Ratio Lower Upper
202 100
101 14.8 0.0 31.6
203 19.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:240 Resp: 162892
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 25.8 20.3 30.5

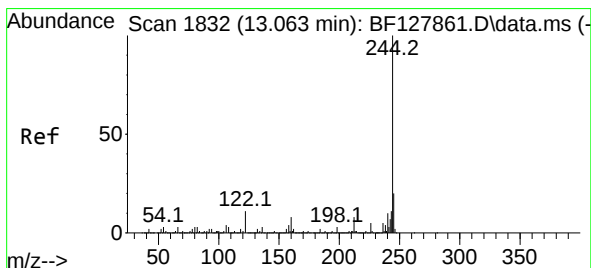
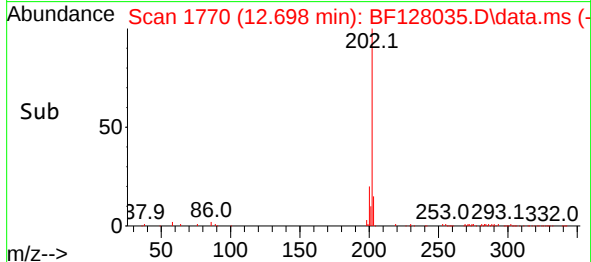
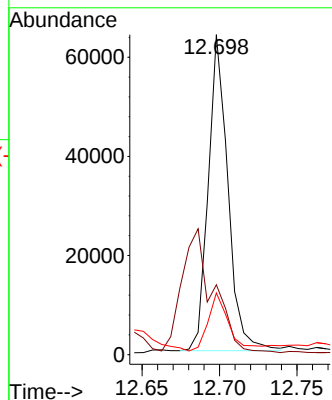
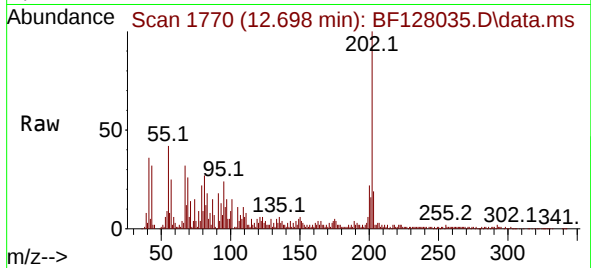




#78
 Pyrene
 Concen: 4.283 ng
 RT: 12.698 min Scan# 11
 Delta R.T. -0.218 min
 Lab File: BF128035.D
 Acq: 02 May 2022 19:36

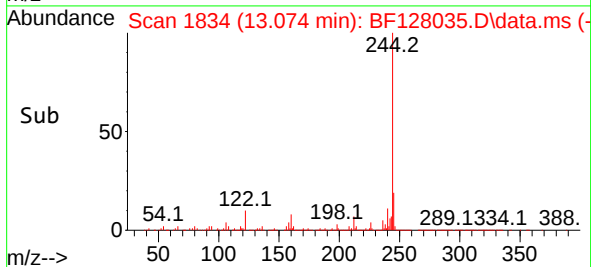
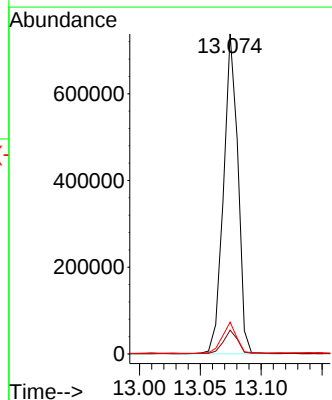
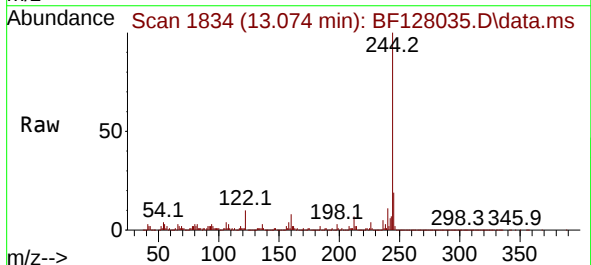
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-042822

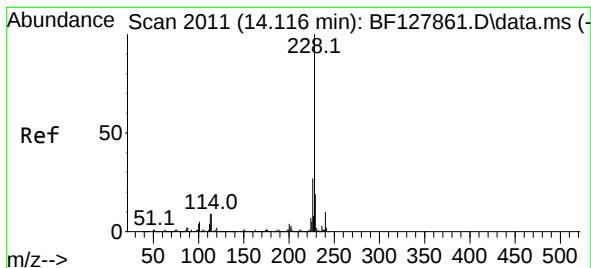
Tgt Ion:202 Resp: 56314
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 19.3 14.0 21.0



#79
 Terphenyl-d14
 Concen: 67.957 ng
 RT: 13.074 min Scan# 1834
 Delta R.T. 0.018 min
 Lab File: BF128035.D
 Acq: 02 May 2022 19:36

Tgt Ion:244 Resp: 605376
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.0 8.6 12.8





#81

Benzo(a)anthracene

Concen: 2.694 ng

RT: 14.115 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BF128035.D

Acq: 02 May 2022 19:36

Instrument :

BNA_F

ClientSampleId :

TR-04-042822

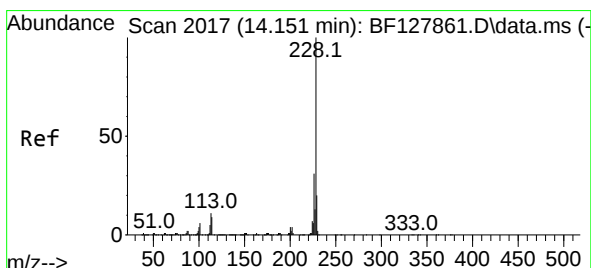
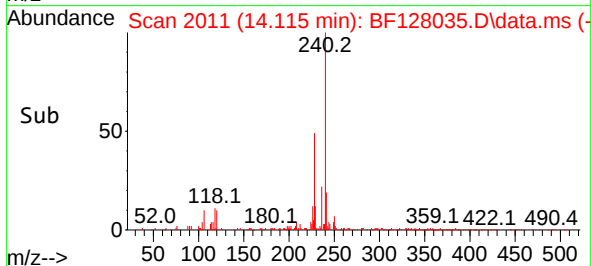
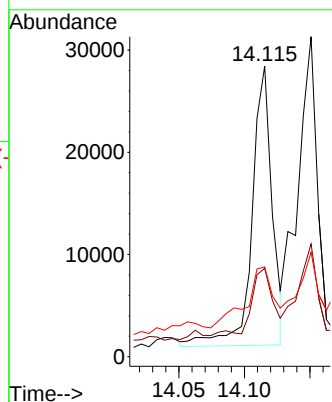
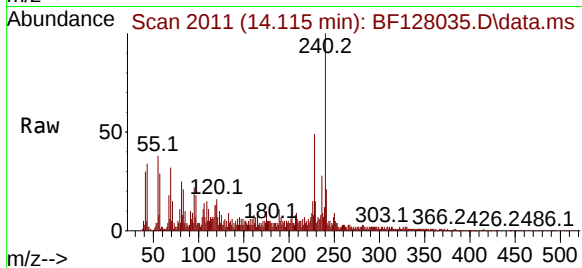
Tgt Ion:228 Resp: 29249

Ion Ratio Lower Upper

228 100

226 30.4 21.7 32.5

229 30.9 15.4 23.2#



#83

Chrysene

Concen: 3.204 ng

RT: 14.151 min Scan# 2017

Delta R.T. 0.012 min

Lab File: BF128035.D

Acq: 02 May 2022 19:36

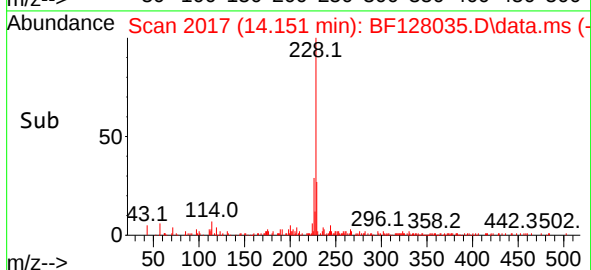
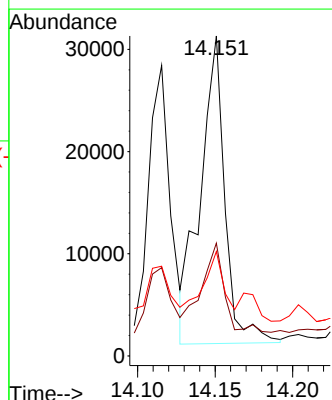
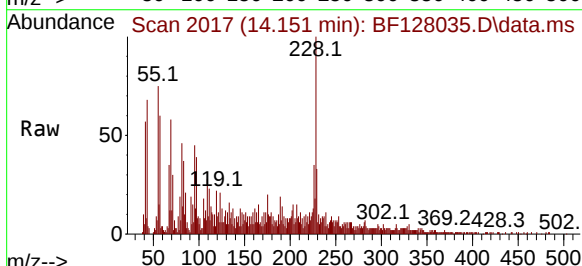
Tgt Ion:228 Resp: 33224

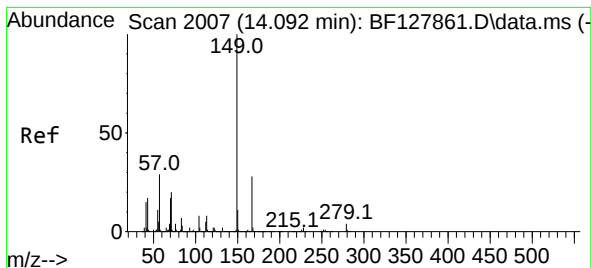
Ion Ratio Lower Upper

228 100

226 35.3 24.4 36.6

229 32.6 15.8 23.8#

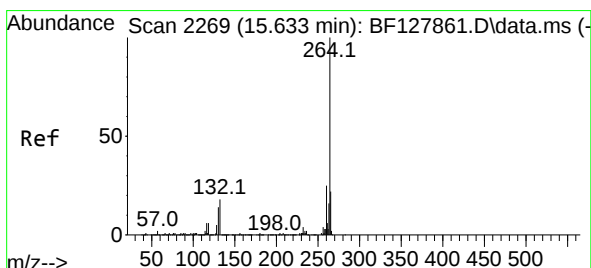
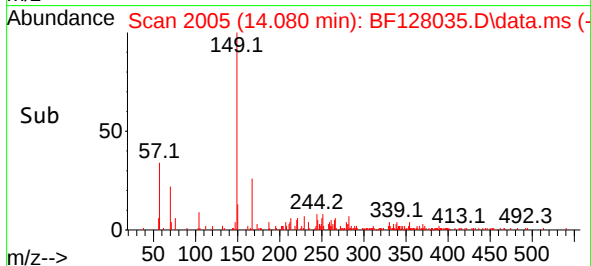
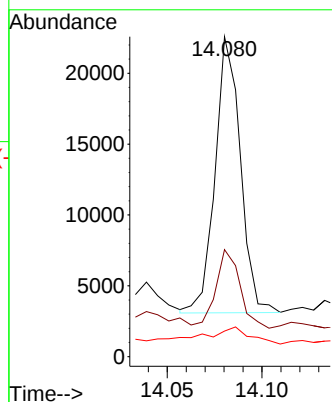
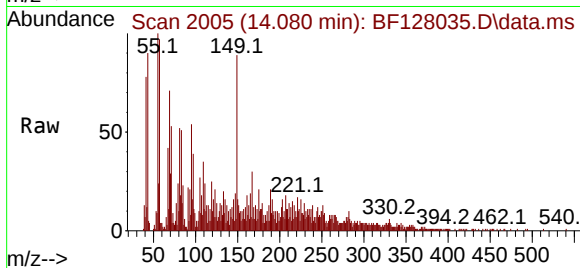




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.650 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

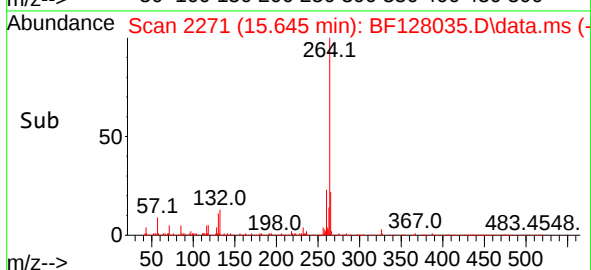
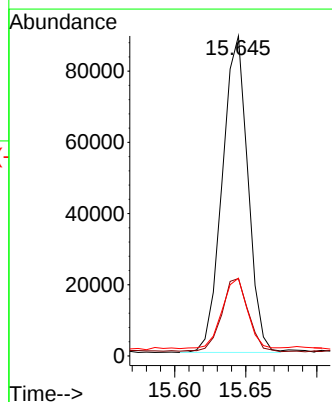
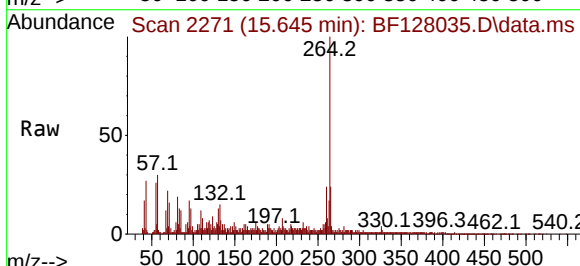
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

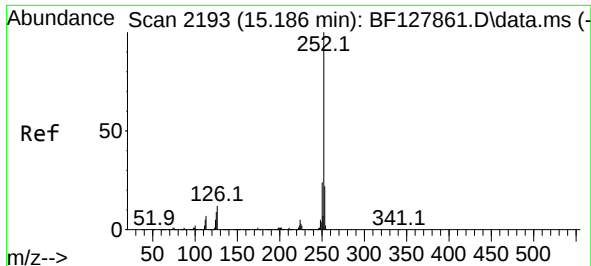
Tgt Ion:149 Resp: 18113
Ion Ratio Lower Upper
149 100
167 33.4 22.0 33.0#
279 8.0 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2271
Delta R.T. 0.024 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:264 Resp: 111370
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 24.3 17.5 26.3

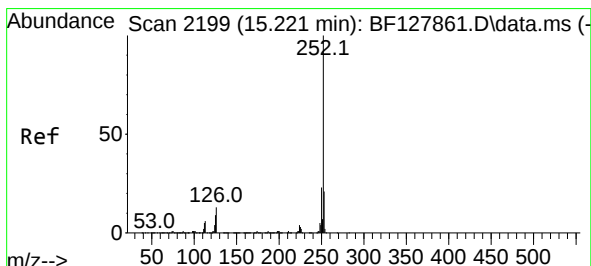
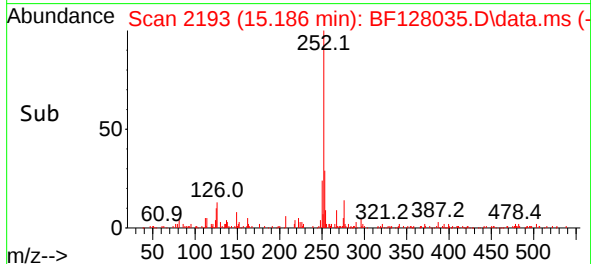
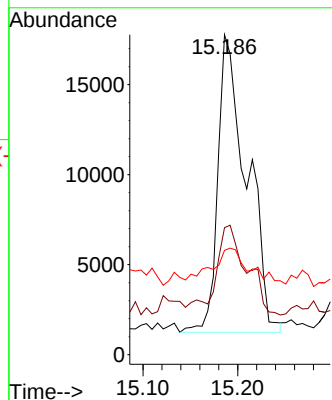
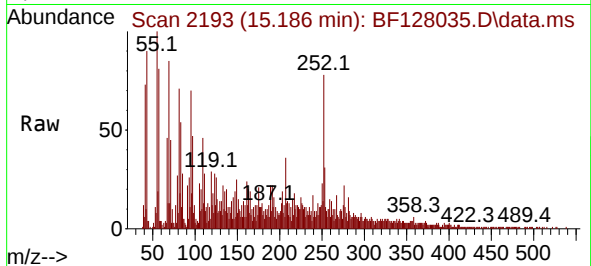




#88
Benzo(b)fluoranthene
Concen: 5.016 ng
RT: 15.186 min Scan# 2193
Delta R.T. 0.012 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

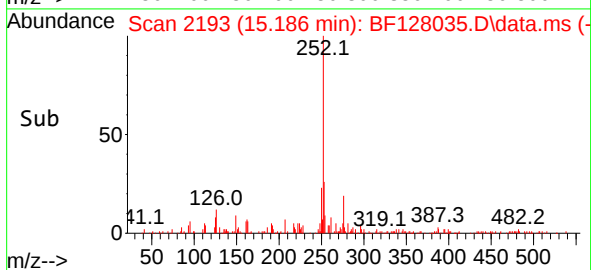
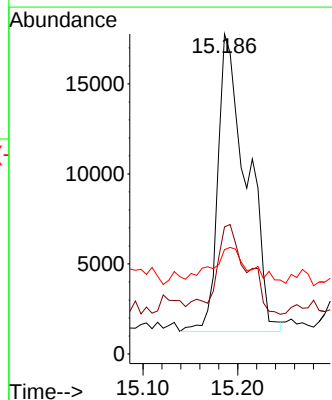
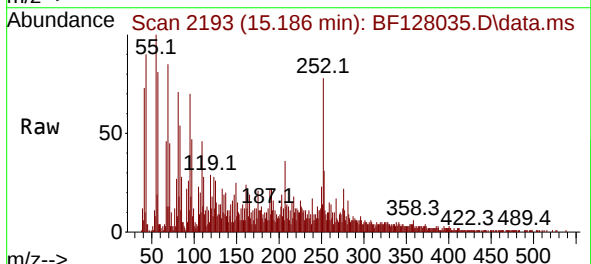
Instrument :
BNA_F
ClientSampleId :
TR-04-042822

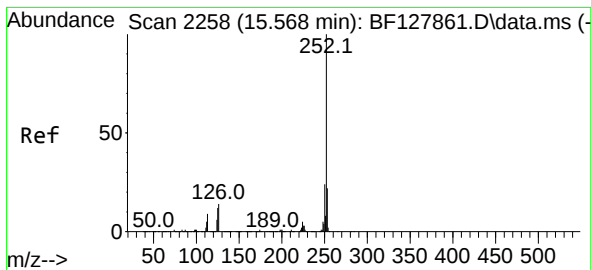
Tgt Ion:252 Resp: 35085
Ion Ratio Lower Upper
252 100
253 39.7 17.4 26.2#
125 32.6 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 4.978 ng
RT: 15.186 min Scan# 2193
Delta R.T. -0.024 min
Lab File: BF128035.D
Acq: 02 May 2022 19:36

Tgt Ion:252 Resp: 35085
Ion Ratio Lower Upper
252 100
253 39.7 17.0 25.4#
125 32.6 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 2.709 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF128035.D

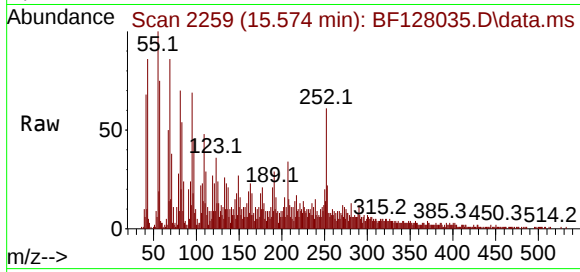
Acq: 02 May 2022 19:36

Instrument :

BNA_F

ClientSampleId :

TR-04-042822



Tgt Ion:252 Resp: 15717

Ion Ratio Lower Upper

252 100

253 35.3 17.8 26.6#

125 39.1 9.2 13.8#

