

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129757.D
 Acq On : 12 Aug 2022 22:07
 Operator : CG\JU
 Sample : N4153-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081022

Quant Time: Aug 13 02:09:35 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)

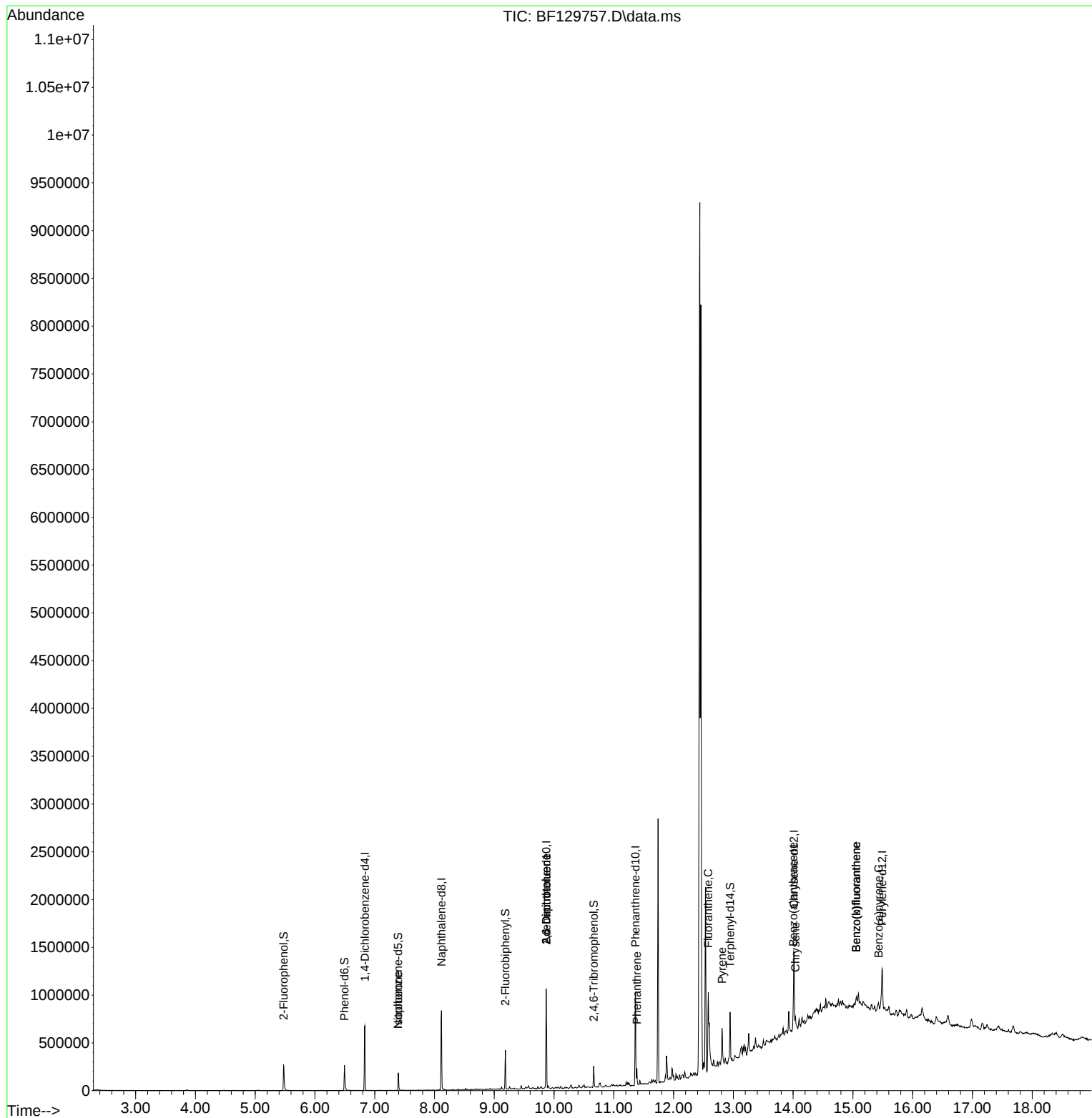
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	104548	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	365385	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	189641	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	359509	20.000	ng	0.00
76) Chrysene-d12	14.016	240	284925	20.000	ng	0.00
86) Perylene-d12	15.492	264	203061	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	85521	13.325	ng	0.00
7) Phenol-d6	6.493	99	96718	11.989	ng	0.00
23) Nitrobenzene-d5	7.393	82	53542	7.999	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	24067	13.200	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	110747	9.034	ng	0.00
79) Terphenyl-d14	12.945	244	159613	10.568	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.393	82	53553	4.463	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	24250	8.276	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	24250	6.335	ng	# 21
71) Phenanthrene	11.386	178	64140	3.268	ng	98
75) Fluoranthene	12.580	202	103568	5.209	ng	99
78) Pyrene	12.810	202	146448	6.147	ng	97
81) Benzo(a)anthracene	14.004	228	47733	2.452	ng	# 92
83) Chrysene	14.039	228	53485	2.916	ng	# 95
88) Benzo(b)fluoranthene	15.057	252	48907	3.631	ng	# 60
89) Benzo(k)fluoranthene	15.057	252	48907	3.705	ng	# 61
90) Benzo(a)pyrene	15.427	252	31164	2.850	ng	# 70

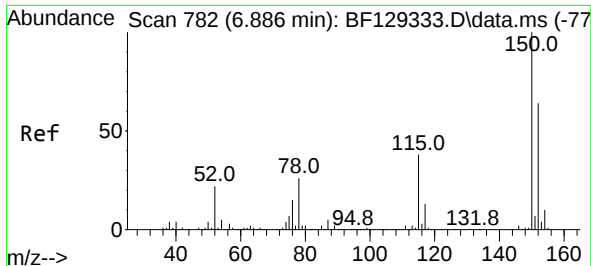
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129757.D
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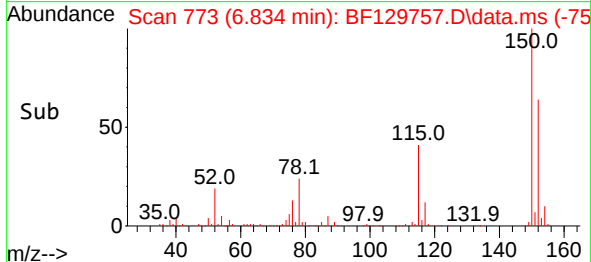
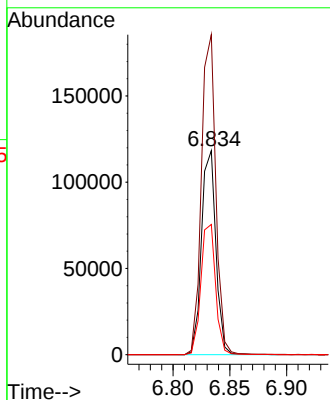
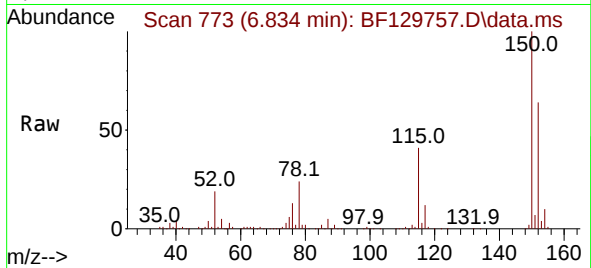




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

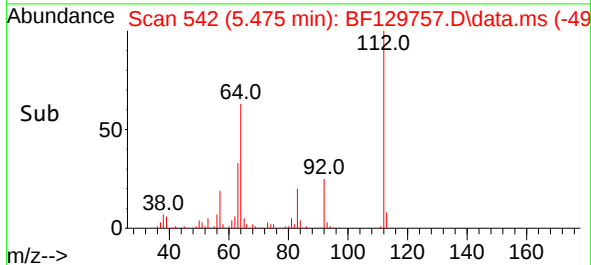
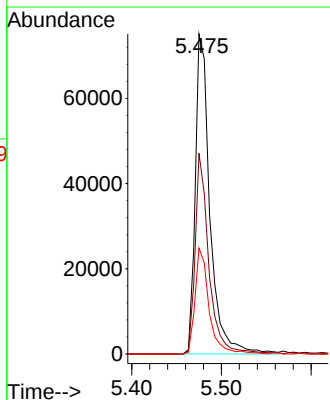
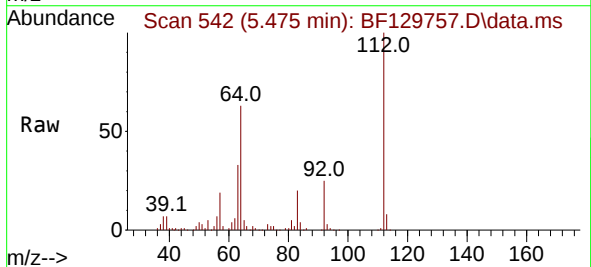
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

Tgt Ion:152 Resp: 104548
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 13.325 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:112 Resp: 85521
Ion Ratio Lower Upper
112 100
64 62.7 53.3 79.9
63 33.1 28.0 42.0

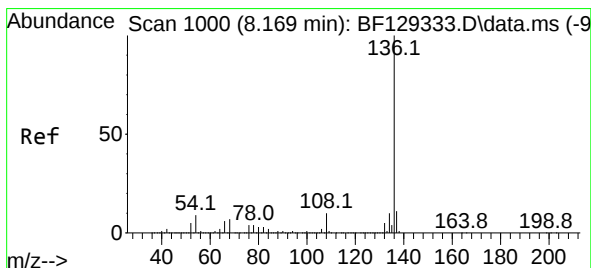
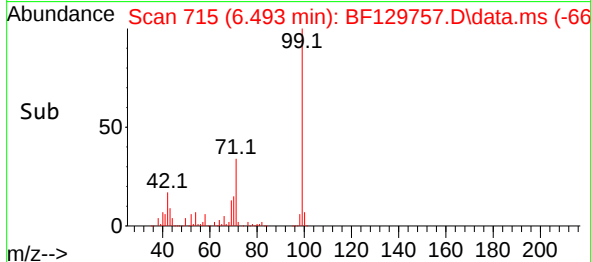
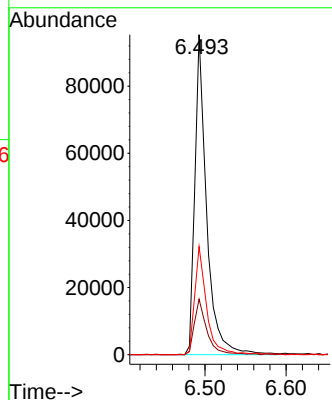
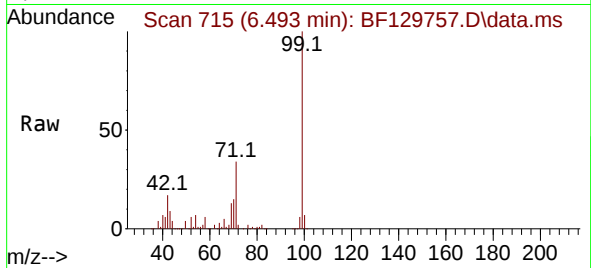




#7
Phenol-d6
Concen: 11.989 ng
RT: 6.493 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

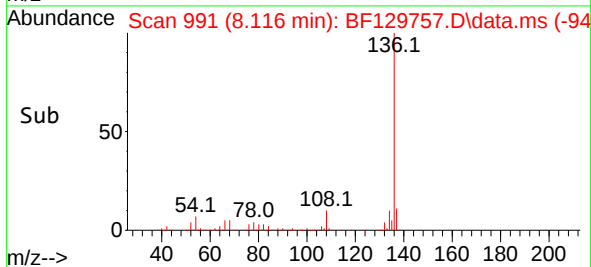
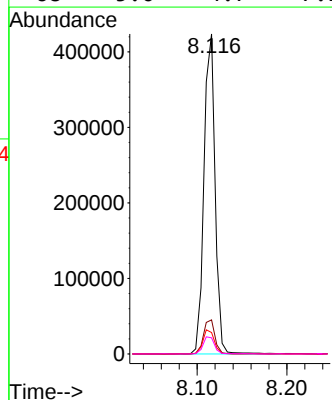
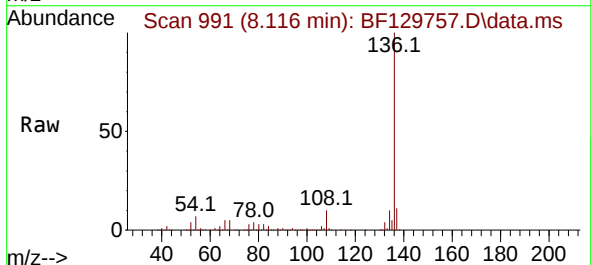
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

Tgt Ion: 99 Resp: 96718
Ion Ratio Lower Upper
99 100
42 17.4 17.3 25.9
71 33.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion: 136 Resp: 365385
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.7 7.5 11.3#
68 5.0 4.7 7.1

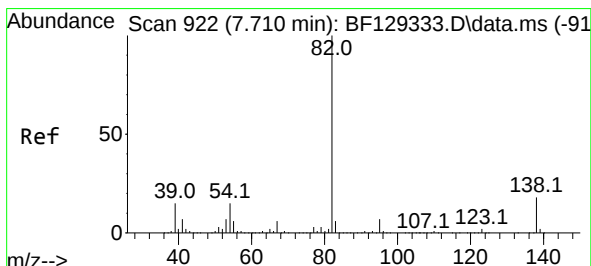
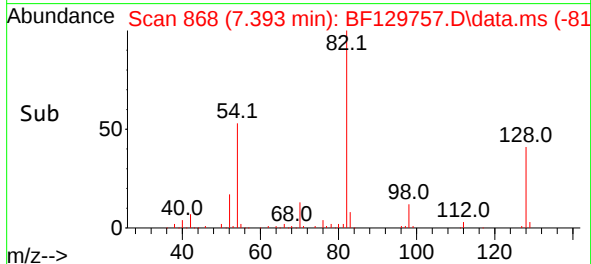
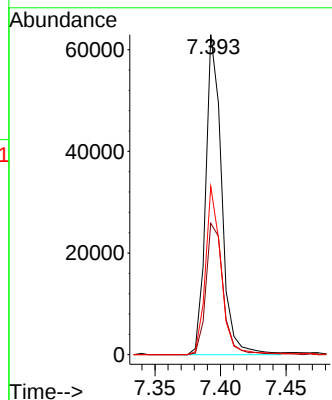
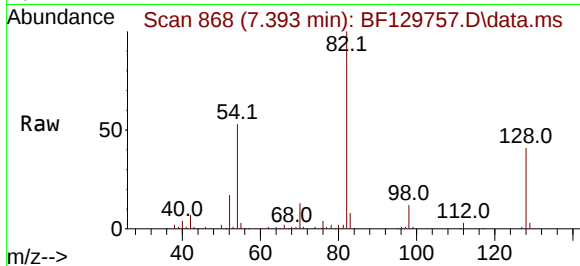




#23
 Nitrobenzene-d5
 Concen: 7.999 ng
 RT: 7.393 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF129757.D
 Acq: 12 Aug 2022 22:07

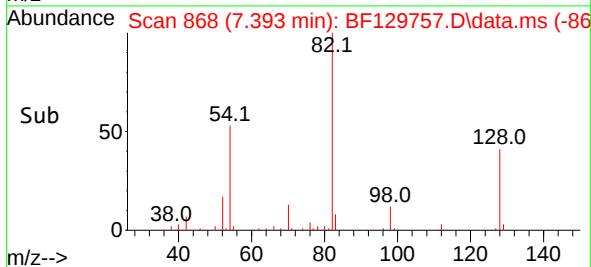
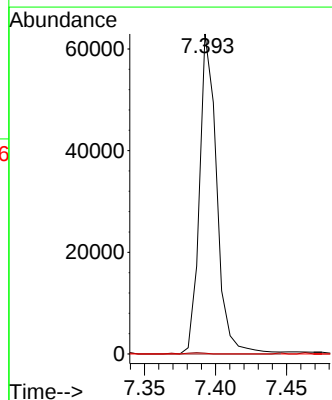
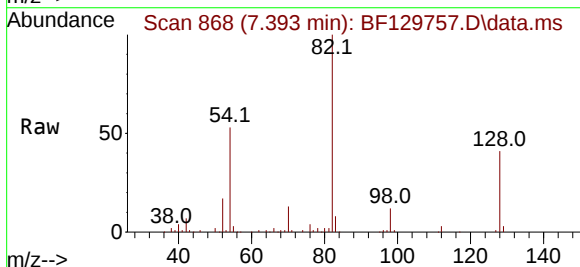
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081022

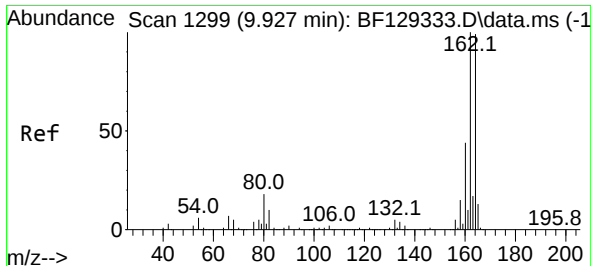
Tgt Ion: 82 Resp: 53542
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.0 51.0
 54 52.6 46.9 70.3



#25
 Isophorone
 Concen: 4.463 ng
 RT: 7.393 min Scan# 868
 Delta R.T. -0.265 min
 Lab File: BF129757.D
 Acq: 12 Aug 2022 22:07

Tgt Ion: 82 Resp: 53553
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.7 8.5#
 138 0.0 14.2 21.2#

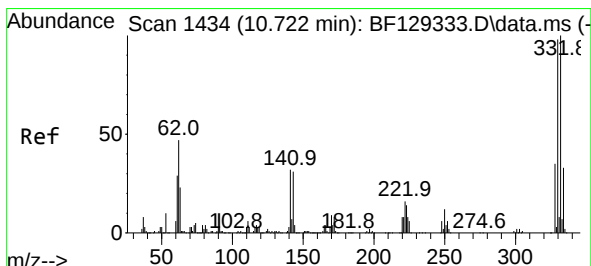
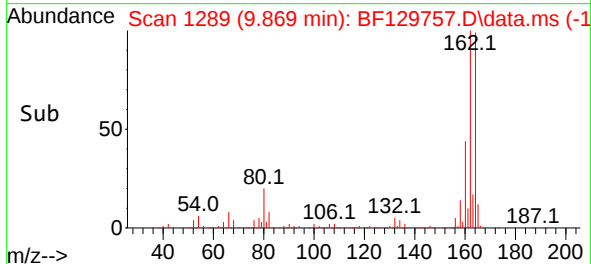
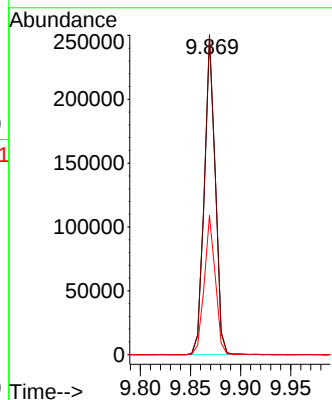
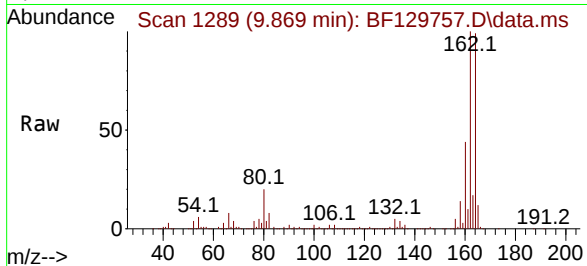




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

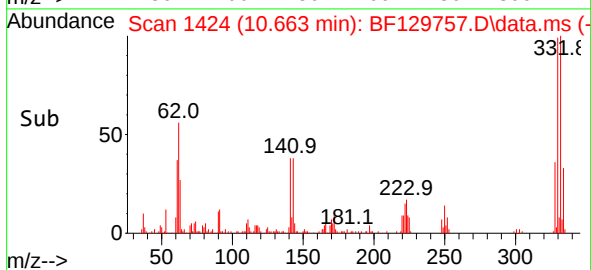
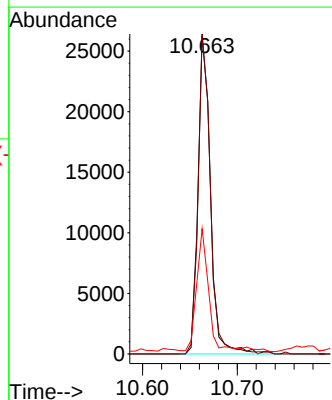
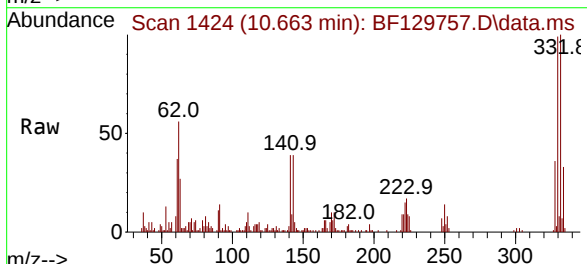
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

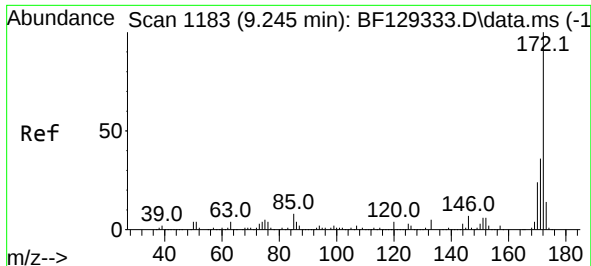
Tgt Ion:164 Resp: 189641
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 13.200 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:330 Resp: 24067
Ion Ratio Lower Upper
330 100
332 99.6 76.8 115.2
141 35.5 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 9.034 ng

RT: 9.187 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF129757.D

Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

TR-04-081022

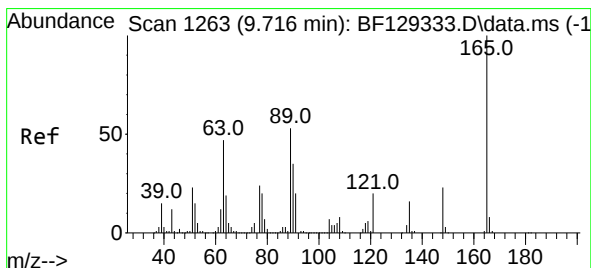
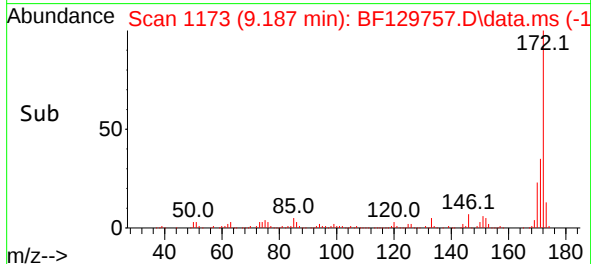
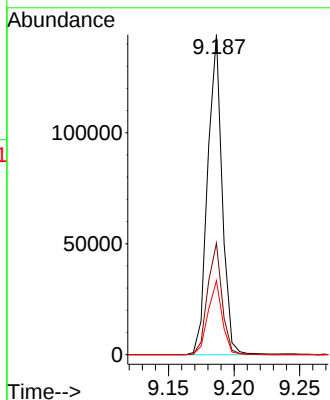
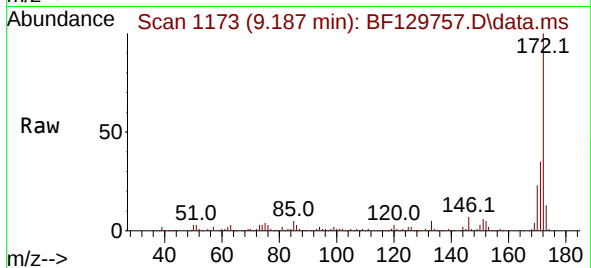
Tgt Ion:172 Resp: 110747

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.1 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.276 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.206 min

Lab File: BF129757.D

Acq: 12 Aug 2022 22:07

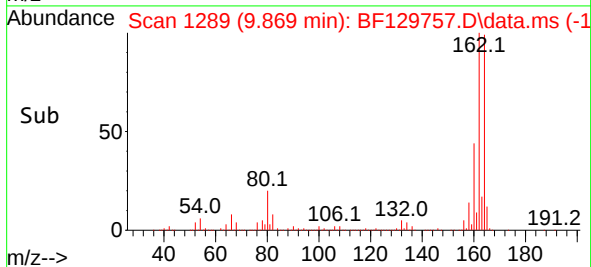
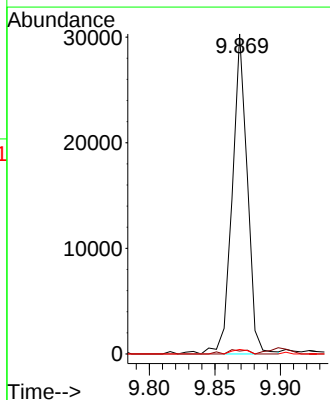
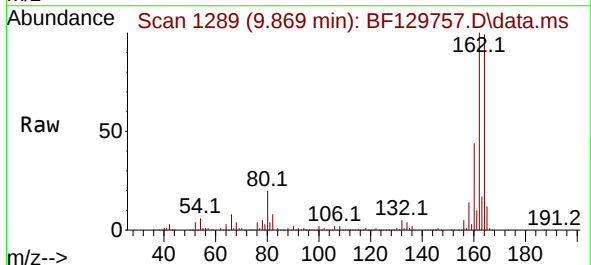
Tgt Ion:165 Resp: 24250

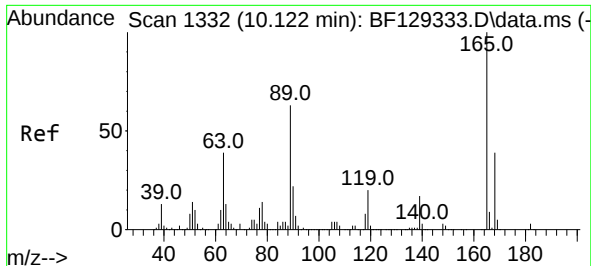
Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.4 43.6 65.4#

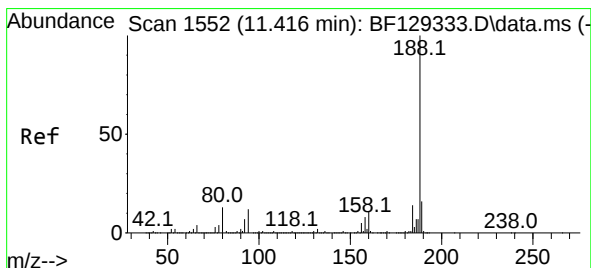
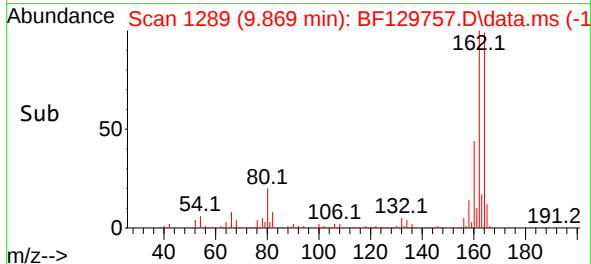
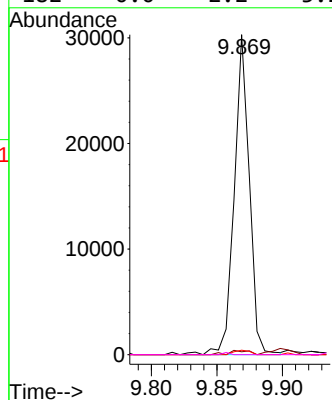
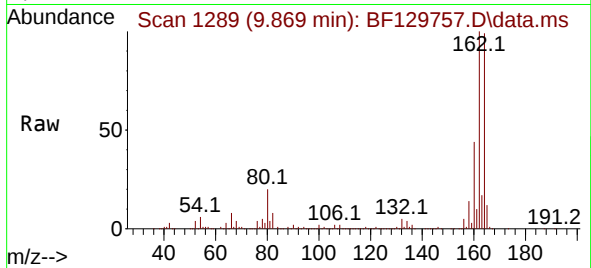




#57
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

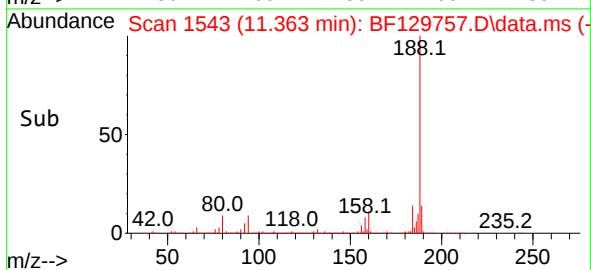
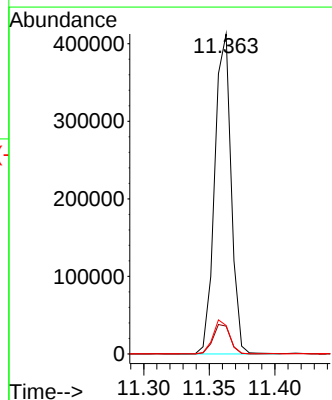
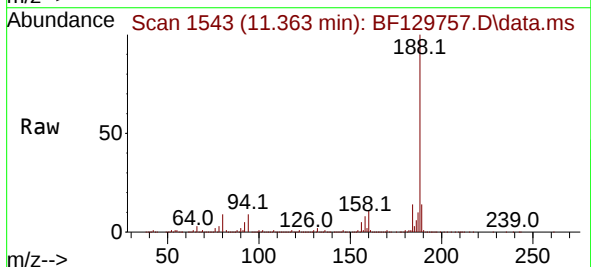
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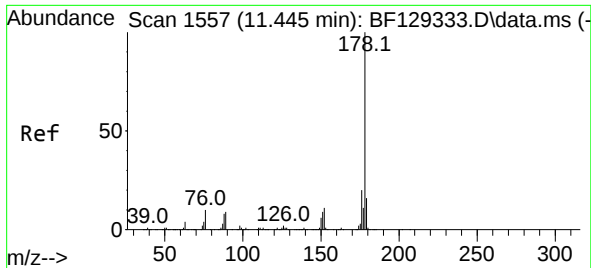
Tgt Ion:165 Resp: 24250
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:188 Resp: 359509
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 8.9 7.6 11.4

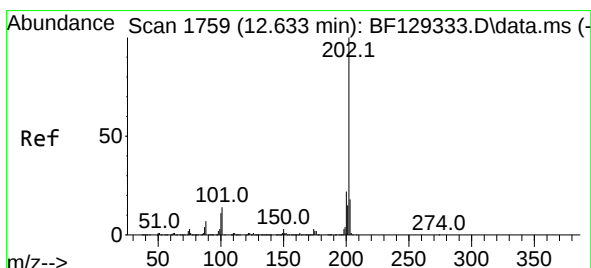
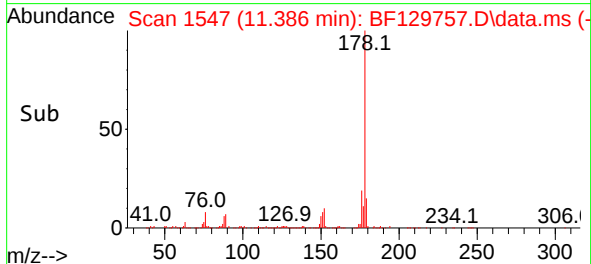
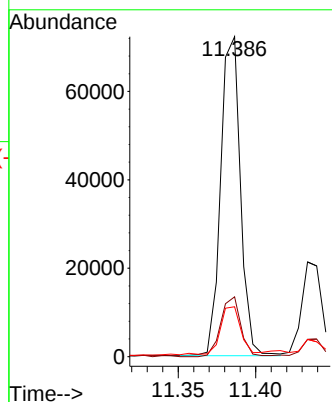
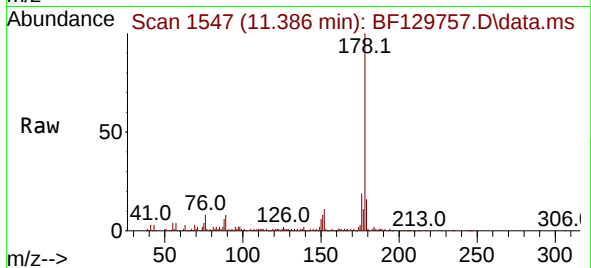




#71
Phenanthrene
Concen: 3.268 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

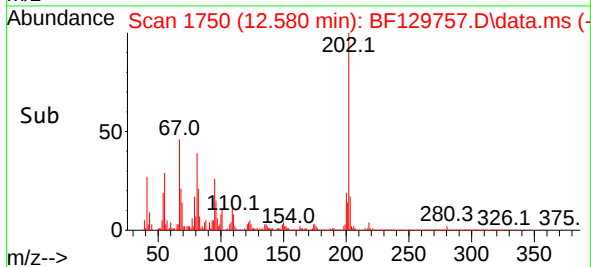
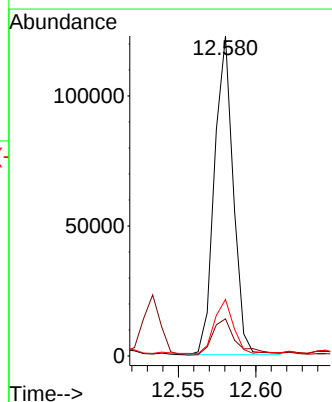
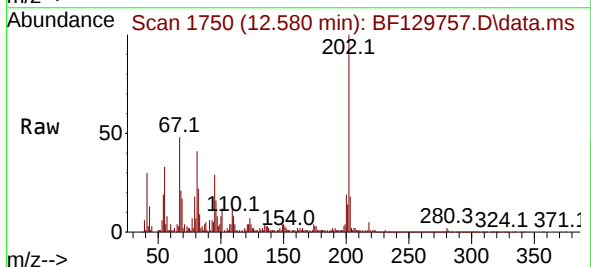
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

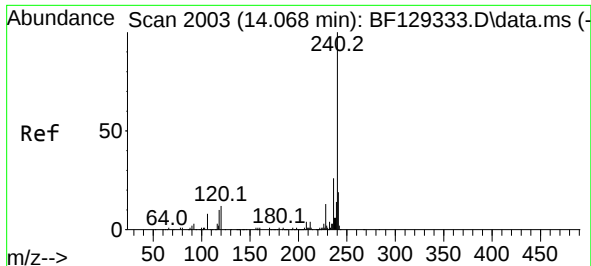
Tgt Ion:178 Resp: 64140
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.6 12.6 19.0



#75
Fluoranthene
Concen: 5.209 ng
RT: 12.580 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:202 Resp: 103568
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.7 0.0 38.0

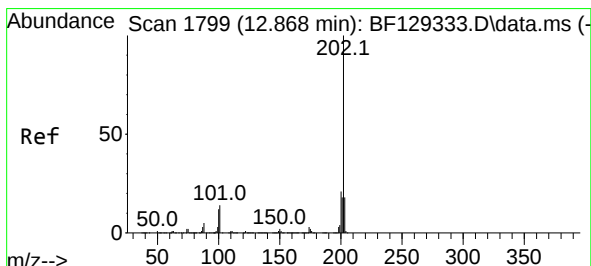
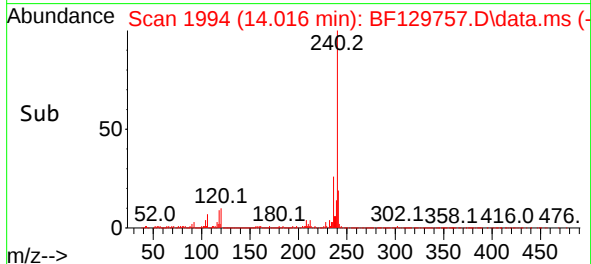
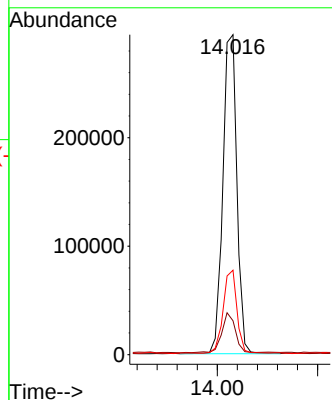
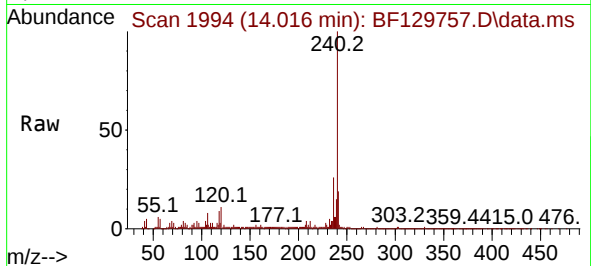




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

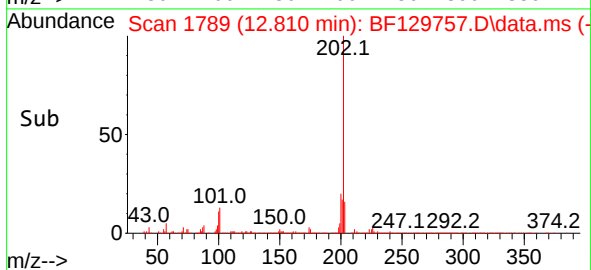
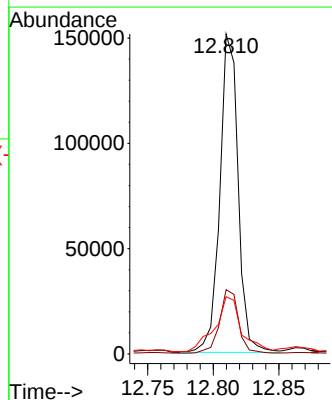
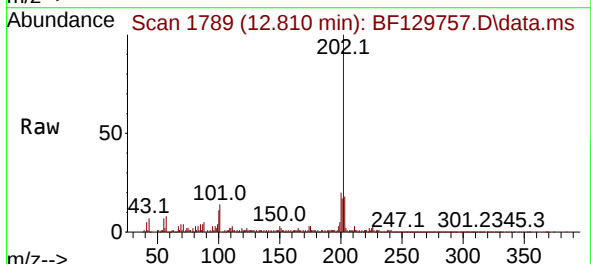
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

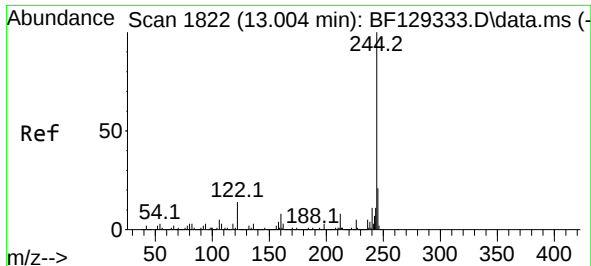
Tgt Ion:240 Resp: 284925
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.4 20.8 31.2



#78
Pyrene
Concen: 6.147 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:202 Resp: 146448
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 17.9 14.6 21.8

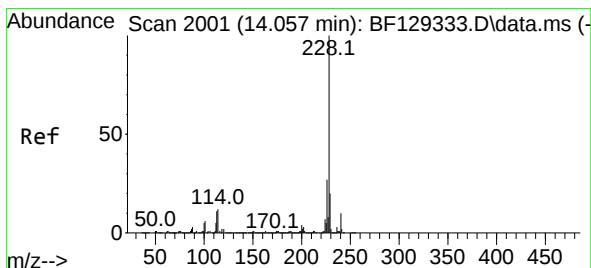
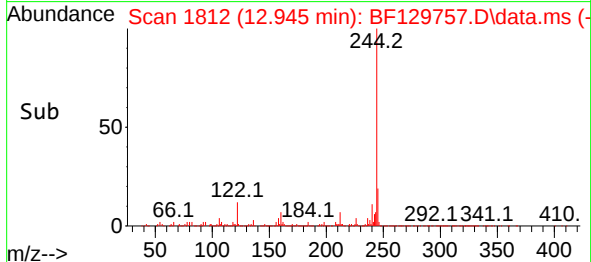
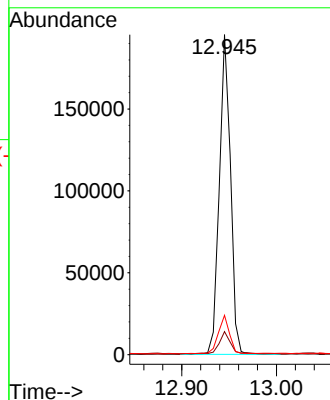
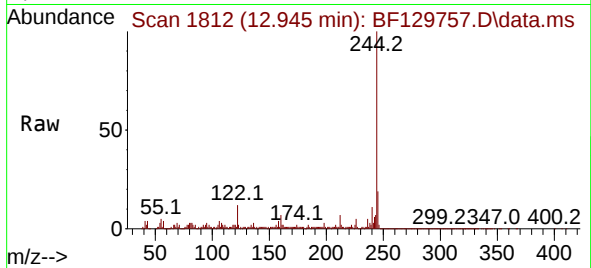




#79
 Terphenyl-d14
 Concen: 10.568 ng
 RT: 12.945 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129757.D
 Acq: 12 Aug 2022 22:07

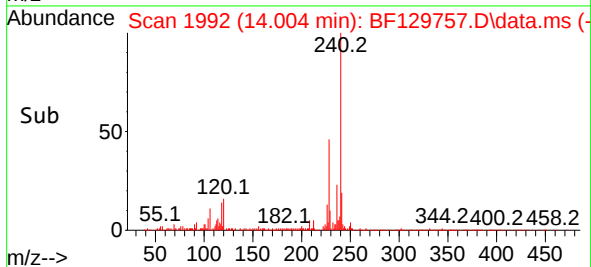
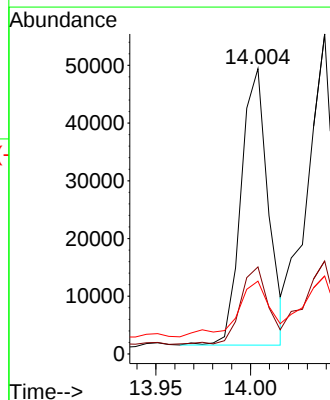
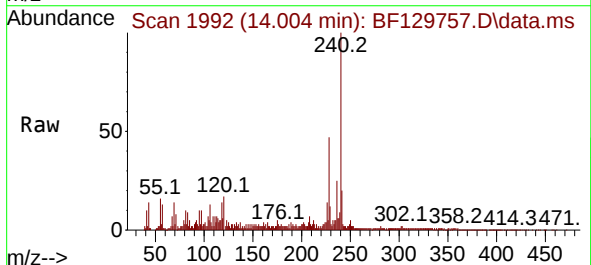
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081022

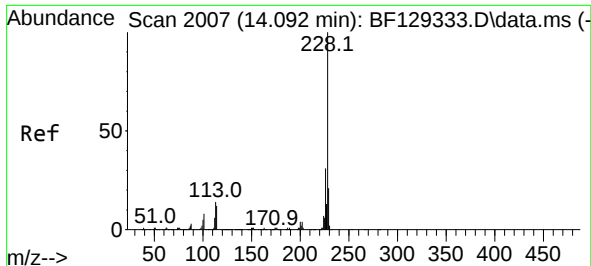
Tgt Ion:244 Resp: 159613
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.452 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. 0.006 min
 Lab File: BF129757.D
 Acq: 12 Aug 2022 22:07

Tgt Ion:228 Resp: 47733
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.1 33.1
 229 25.5 15.8 23.8#

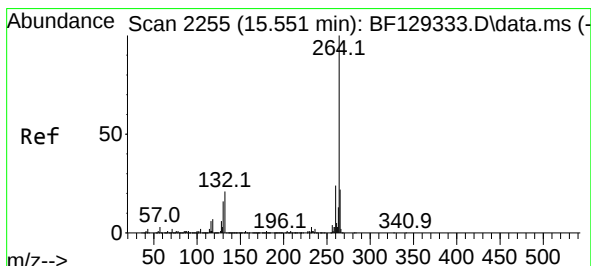
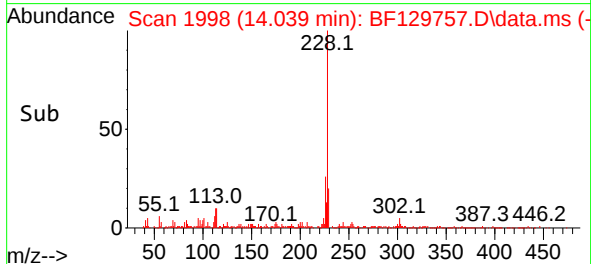
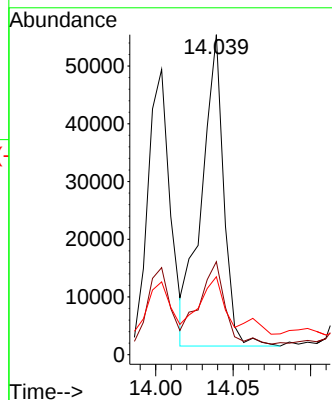
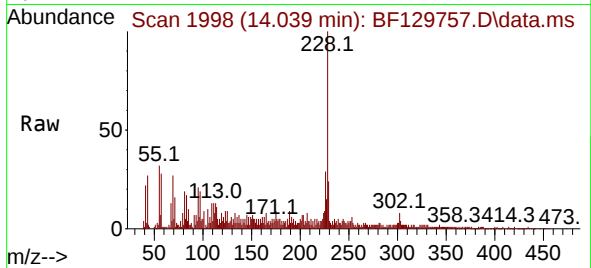




#83
Chrysene
Concen: 2.916 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

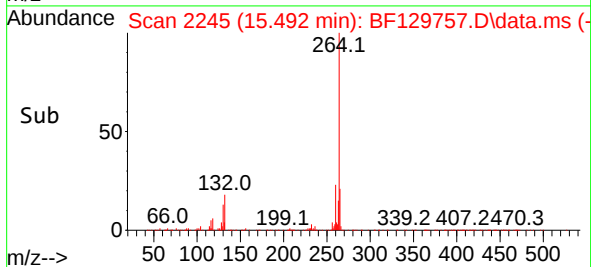
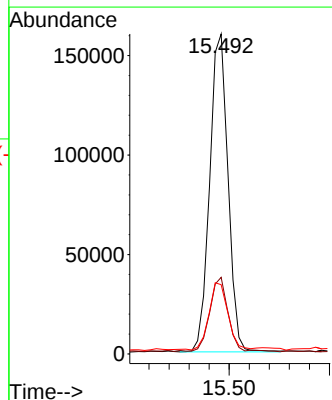
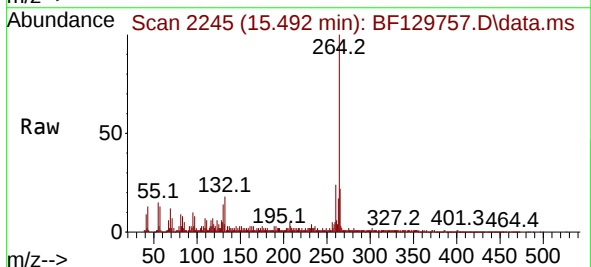
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

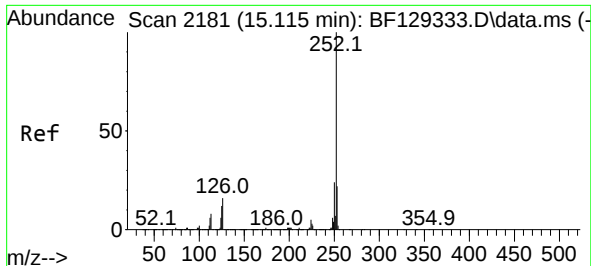
Tgt Ion:228 Resp: 53485
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 24.3 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.012 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:264 Resp: 203061
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.7 17.2 25.8

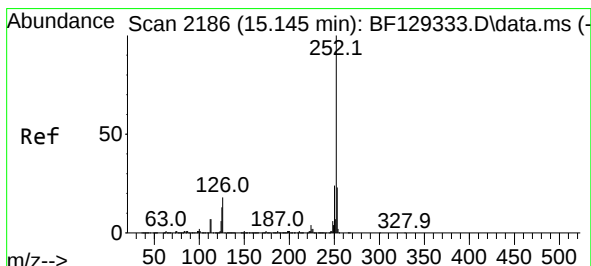
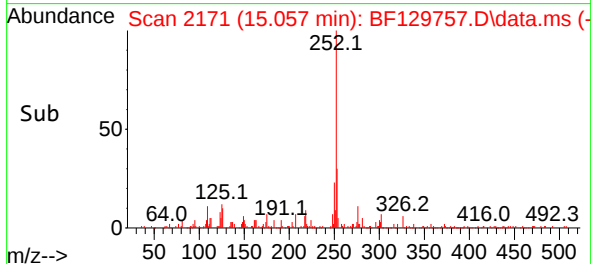
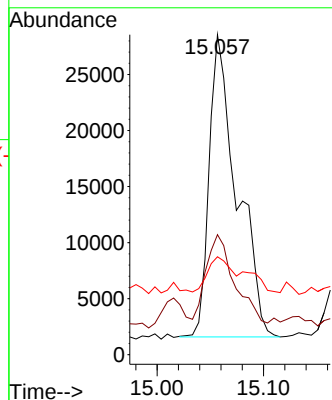
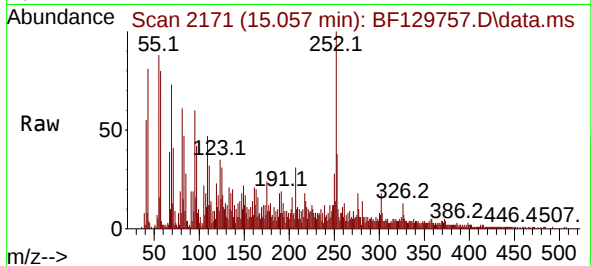




#88
Benzo(b)fluoranthene
Concen: 3.631 ng
RT: 15.057 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

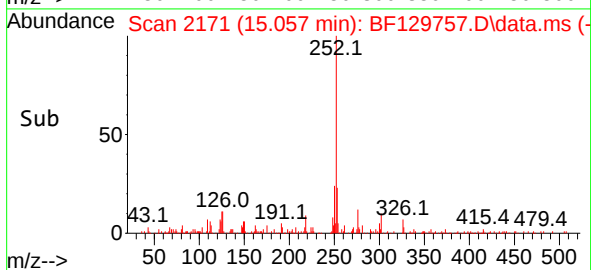
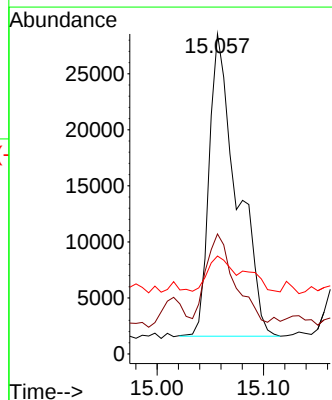
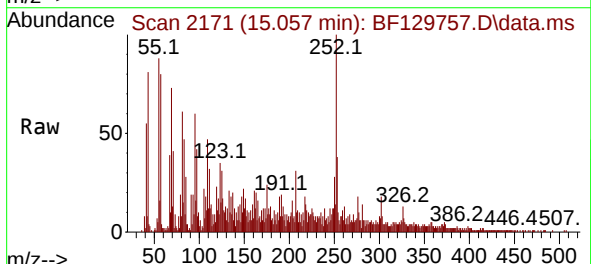
Instrument :
BNA_F
ClientSampleId :
TR-04-081022

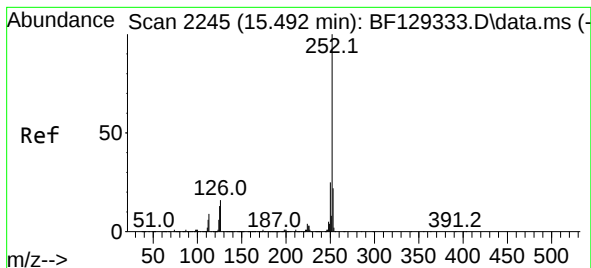
Tgt Ion:252 Resp: 48907
Ion Ratio Lower Upper
252 100
253 37.5 17.7 26.5#
125 30.6 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.705 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.023 min
Lab File: BF129757.D
Acq: 12 Aug 2022 22:07

Tgt Ion:252 Resp: 48907
Ion Ratio Lower Upper
252 100
253 37.5 17.8 26.6#
125 30.6 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 2.850 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129757.D

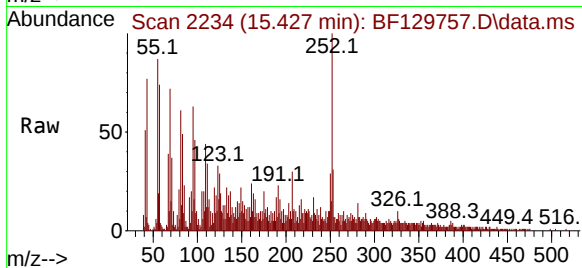
Acq: 12 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

TR-04-081022



Tgt Ion:252 Resp: 31164

Ion Ratio Lower Upper

252 100

253 31.1 17.0 25.6#

125 29.2 8.8 13.2#

