

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129706.D
 Acq On : 10 Aug 2022 20:58
 Operator : CG\JU
 Sample : N4119-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-2FT

Quant Time: Aug 10 21:54:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

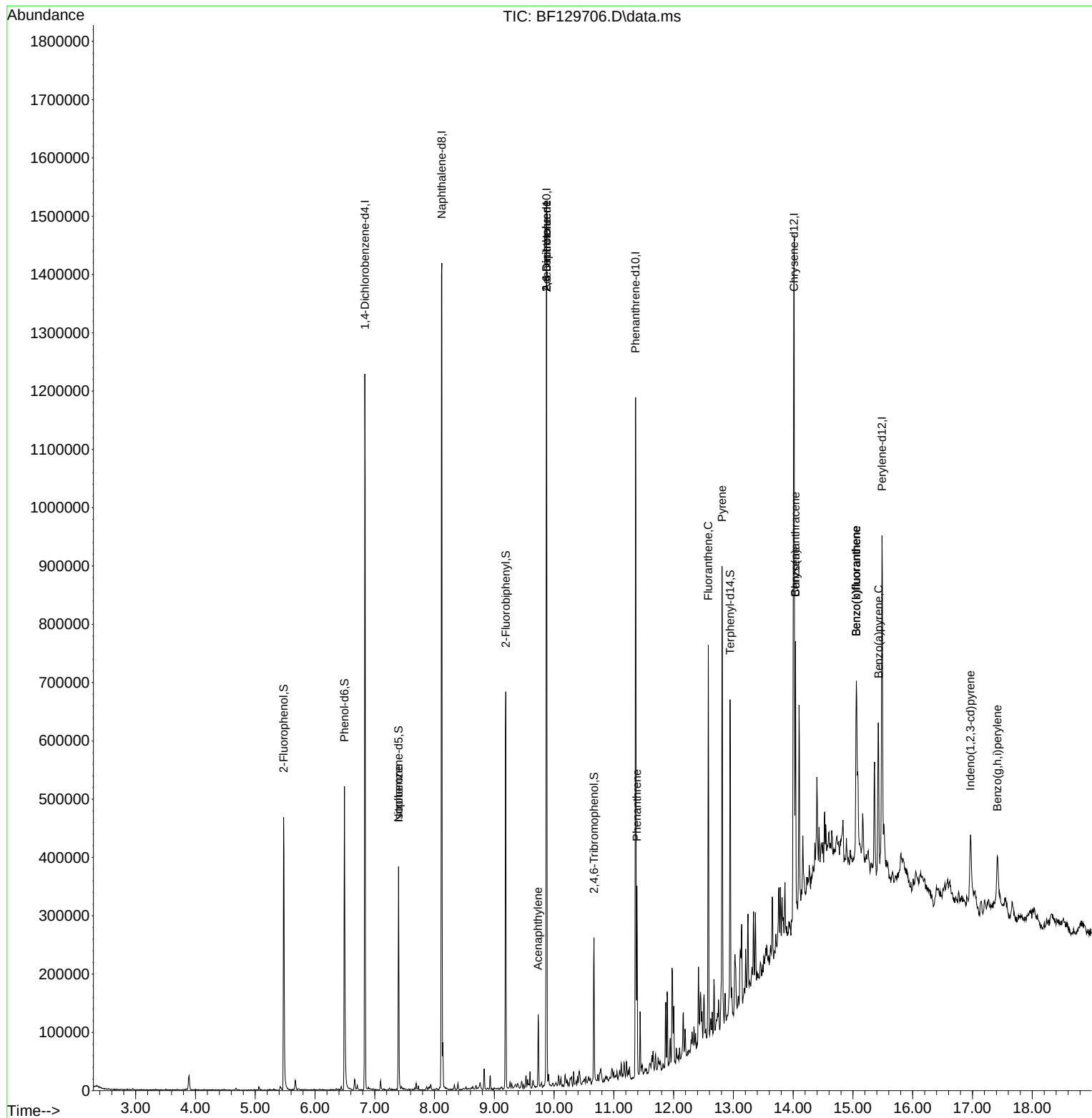
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	179510	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	649039	20.000	ng	#-0.01
39) Acenaphthene-d10	9.875	164	276674	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	410228	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	339396	20.000	ng	-0.01
86) Perylene-d12	15.486	264	255341	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	140951	12.791	ng	0.00
7) Phenol-d6	6.492	99	180852	13.057	ng	-0.01
23) Nitrobenzene-d5	7.398	82	107621	9.052	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	27411	10.305	ng	-0.02
45) 2-Fluorobiphenyl	9.192	172	200934	11.235	ng	-0.02
79) Terphenyl-d14	12.945	244	166544	9.258	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.398	82	107337	5.036	ng	# 65
49) Acenaphthylene	9.733	152	52296	2.108	ng	98
51) 2,6-Dinitrotoluene	9.875	165	35627	8.334	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	35627	6.380	ng	# 22
71) Phenanthrene	11.386	178	107822	4.815	ng	99
75) Fluoranthene	12.580	202	225532	9.940	ng	99
78) Pyrene	12.810	202	309127	10.892	ng	99
81) Benzo(a)anthracene	14.039	228	160895	6.940	ng	96
83) Chrysene	14.039	228	160895	7.364	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	64599	3.757	ng	97
88) Benzo(b)fluoranthene	15.057	252	206778	12.208	ng	# 97
89) Benzo(k)fluoranthene	15.057	252	206778	12.458	ng	# 97
90) Benzo(a)pyrene	15.427	252	120597	8.771	ng	98
92) Benzo(g,h,i)perylene	17.415	276	67294	4.706	ng	98

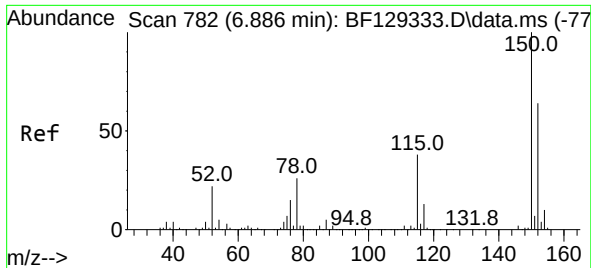
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129706.D
Acq On : 10 Aug 2022 20:58
Operator : CG\JU
Sample : N4119-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-2FT

Quant Time: Aug 10 21:54:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

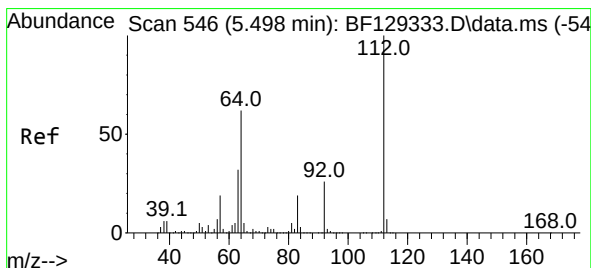
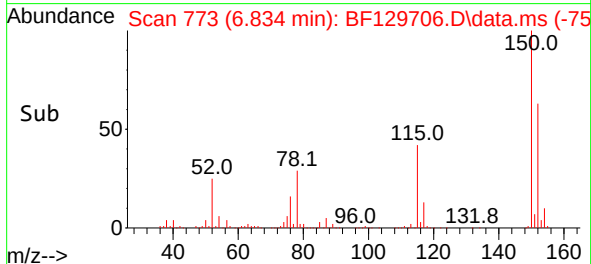
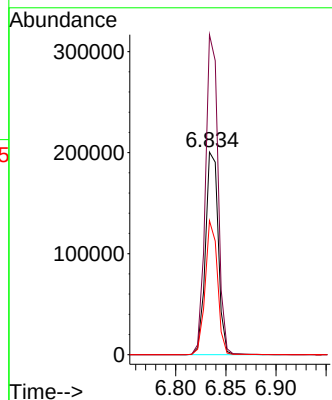
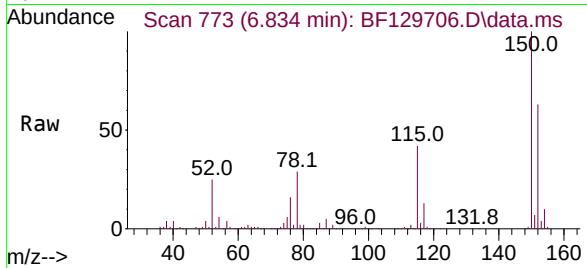




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BF129706.D
 Acq: 10 Aug 2022 20:58

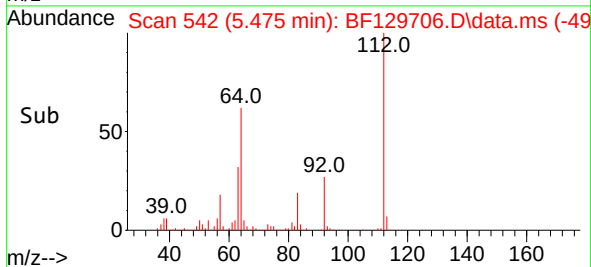
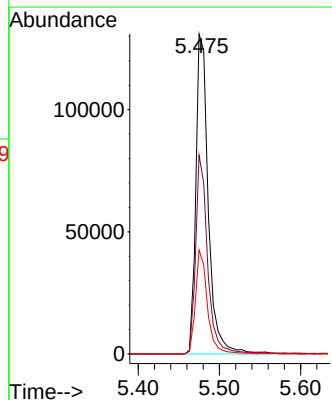
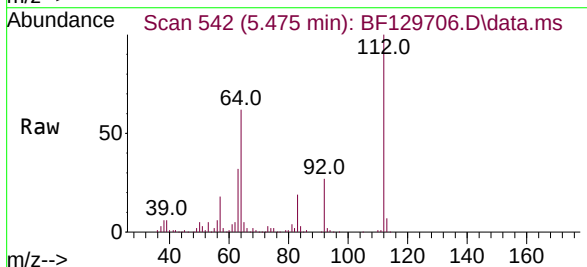
Instrument :
 BNA_F
 ClientSampleId :
 TP2-2FT

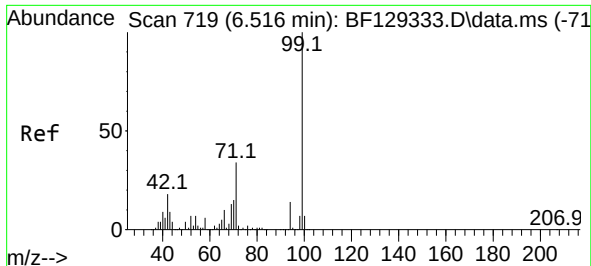
Tgt Ion:152 Resp: 179510
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 66.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 12.791 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129706.D
 Acq: 10 Aug 2022 20:58

Tgt Ion:112 Resp: 140951
 Ion Ratio Lower Upper
 112 100
 64 62.1 53.3 79.9
 63 32.5 28.0 42.0

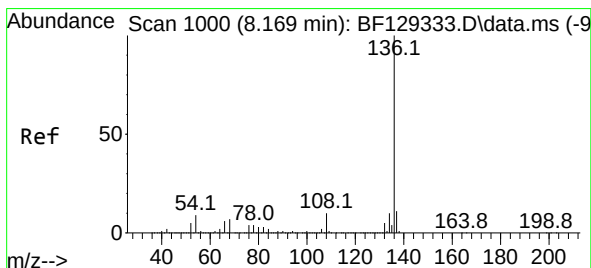
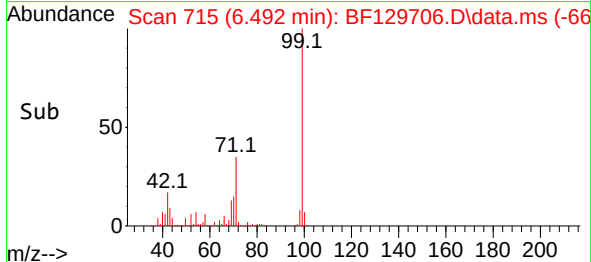
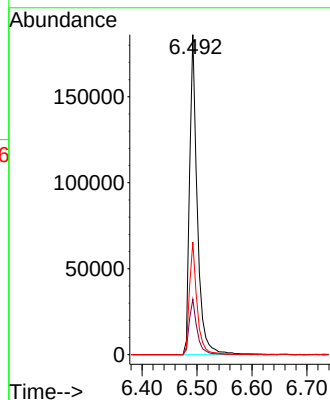
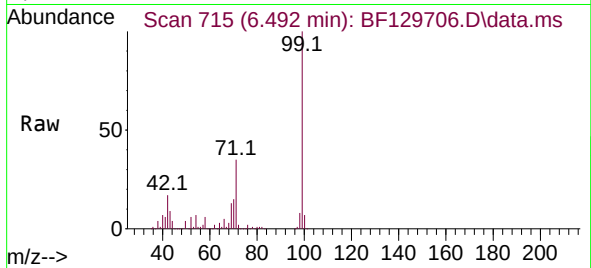




#7
Phenol-d6
Concen: 13.057 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

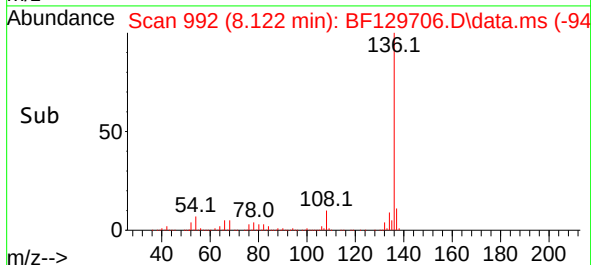
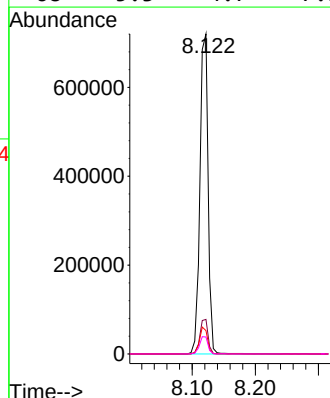
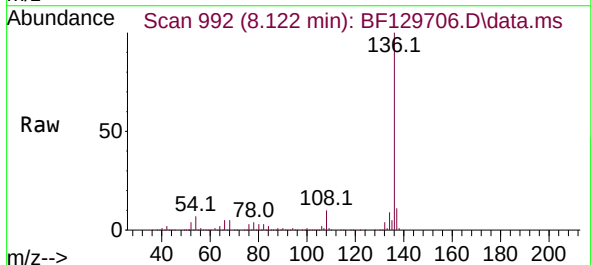
Instrument :
BNA_F
ClientSampleId :
TP2-2FT

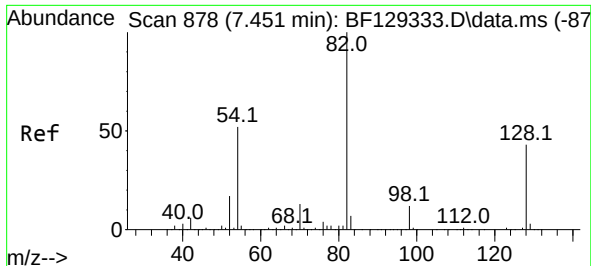
Tgt Ion: 99 Resp: 180852
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 35.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

Tgt Ion: 136 Resp: 649039
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 7.5 11.3#
68 5.3 4.7 7.1

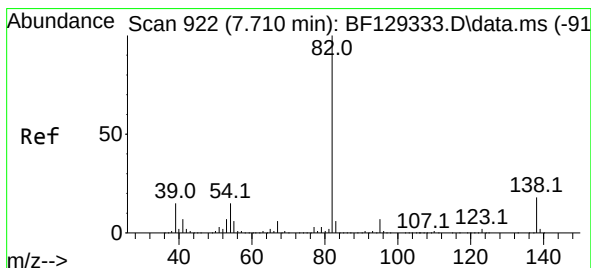
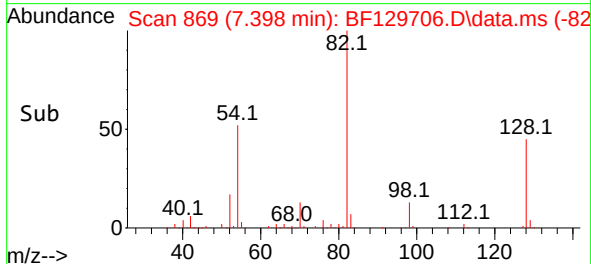
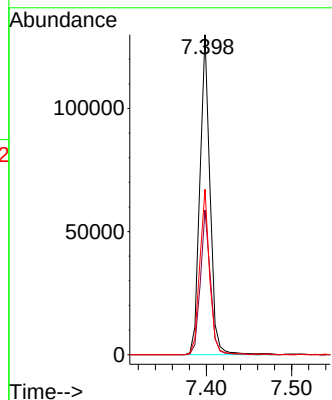
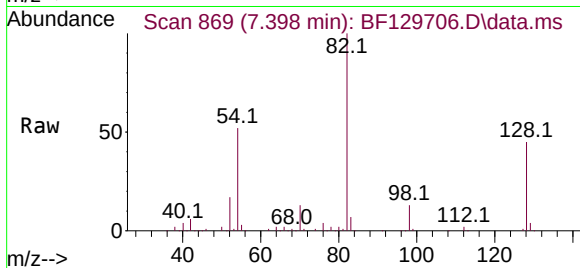




#23
Nitrobenzene-d5
Concen: 9.052 ng
RT: 7.398 min Scan# 809
Delta R.T. -0.024 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

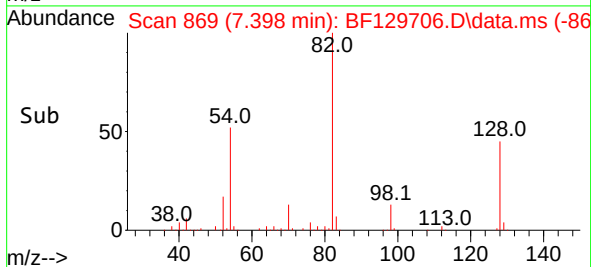
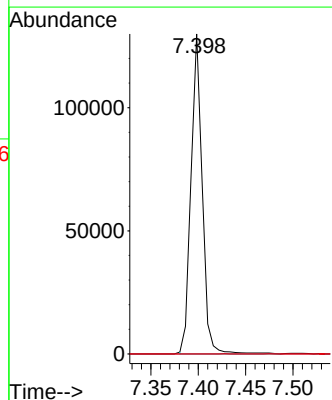
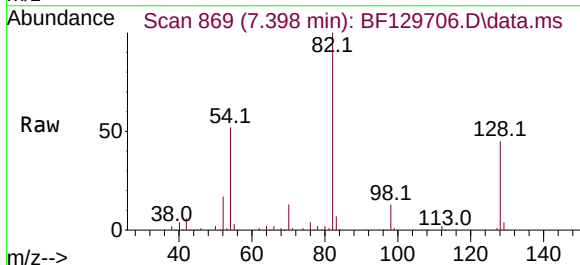
Instrument :
BNA_F
ClientSampleId :
TP2-2FT

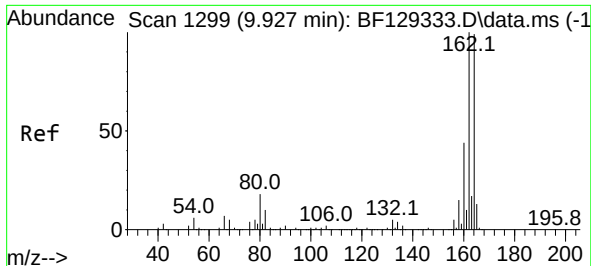
Tgt Ion: 82 Resp: 107621
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 51.7 46.9 70.3



#25
Isophorone
Concen: 5.036 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.282 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

Tgt Ion: 82 Resp: 107337
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

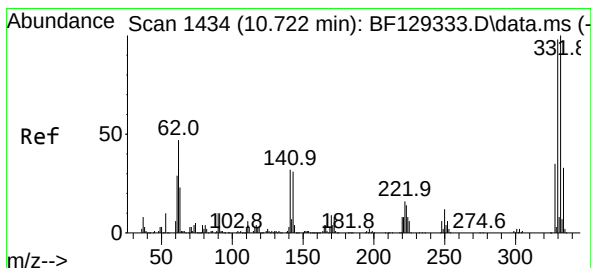
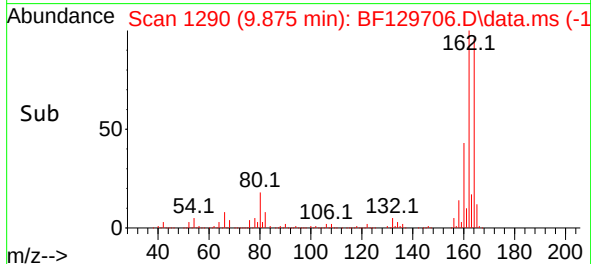
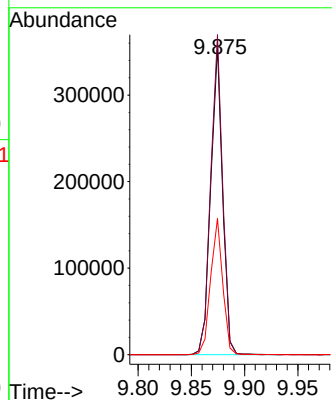
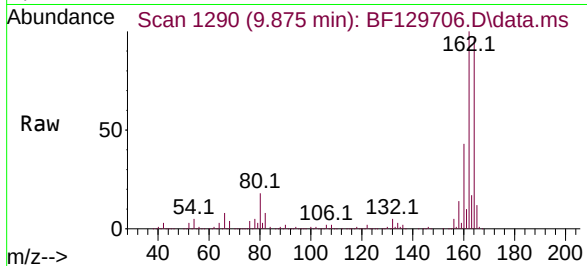




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

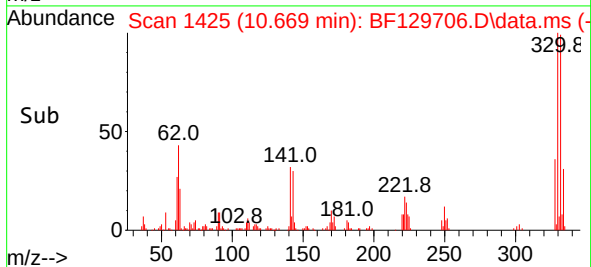
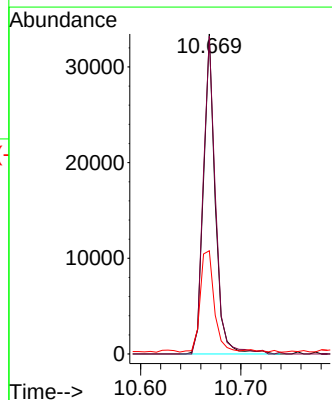
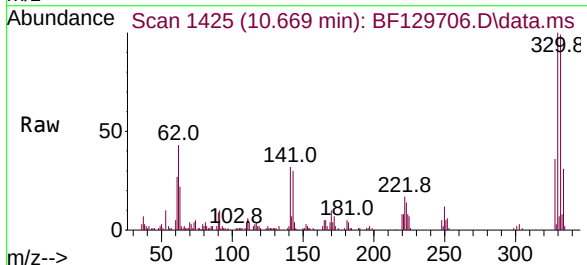
Instrument :
BNA_F
ClientSampleId :
TP2-2FT

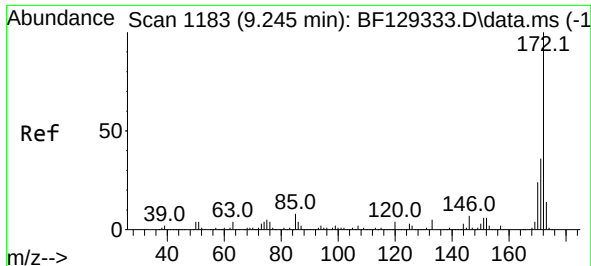
Tgt Ion:164 Resp: 276674
Ion Ratio Lower Upper
164 100
162 103.9 79.5 119.3
160 44.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 10.305 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

Tgt Ion:330 Resp: 27411
Ion Ratio Lower Upper
330 100
332 102.4 76.8 115.2
141 37.7 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 11.235 ng

RT: 9.192 min Scan# 1183

Delta R.T. -0.018 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Instrument :

BNA_F

ClientSampleId :

TP2-2FT

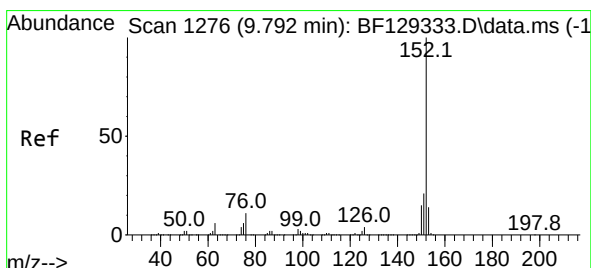
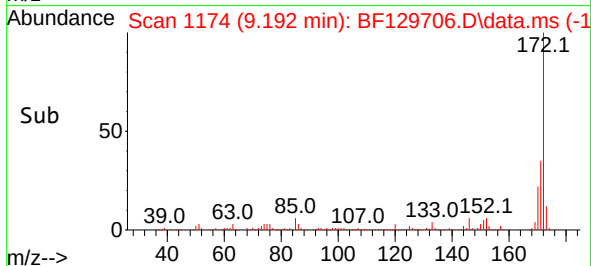
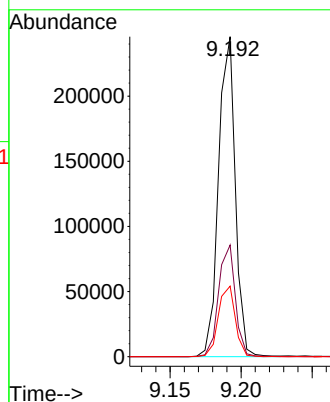
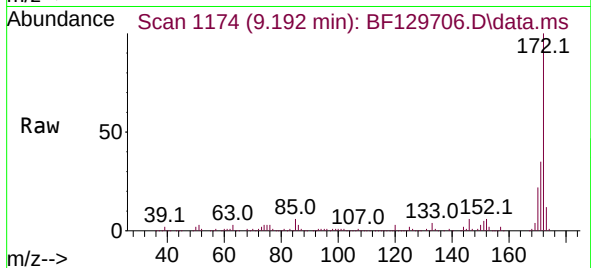
Tgt Ion:172 Resp: 200934

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 22.0 19.8 29.8



#49

Acenaphthylene

Concen: 2.108 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.024 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

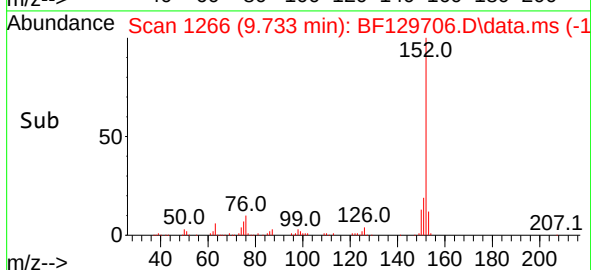
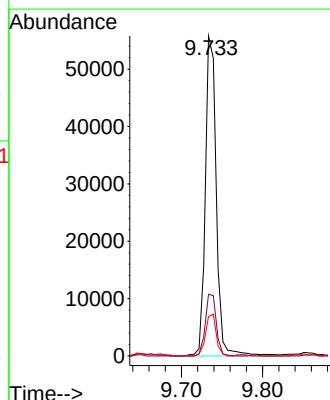
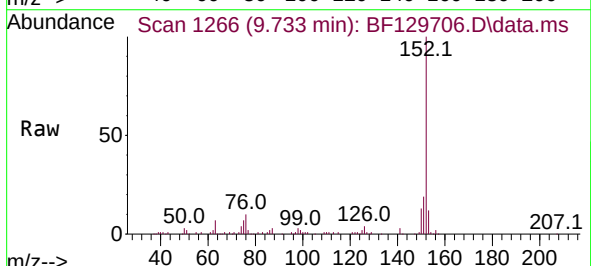
Tgt Ion:152 Resp: 52296

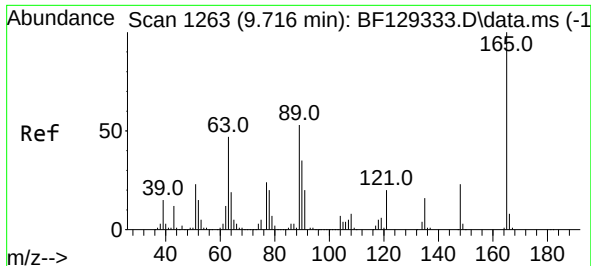
Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4

153 12.3 10.7 16.1





#51

2,6-Dinitrotoluene

Concen: 8.334 ng

RT: 9.875 min Scan# 1290

Delta R.T. 0.194 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Instrument :

BNA_F

ClientSampleId :

TP2-2FT

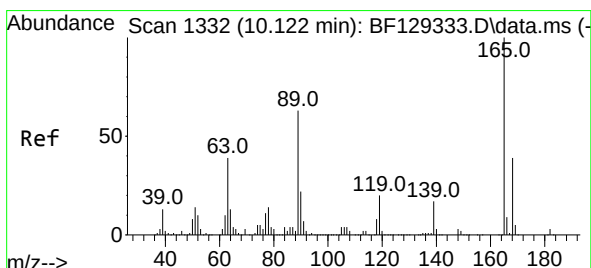
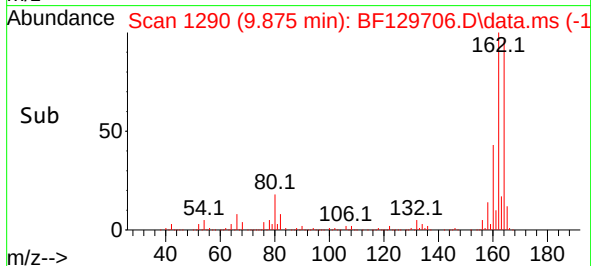
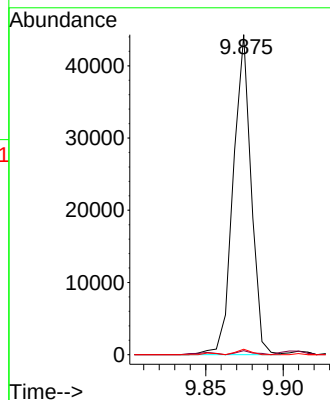
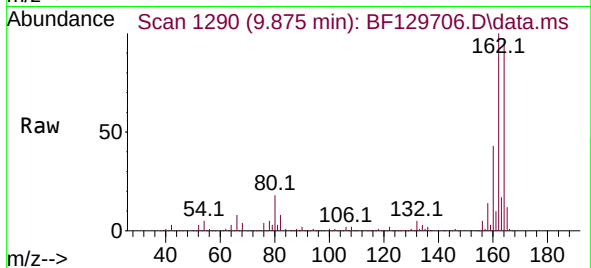
Tgt Ion:165 Resp: 35627

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.380 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.212 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Tgt Ion:165 Resp: 35627

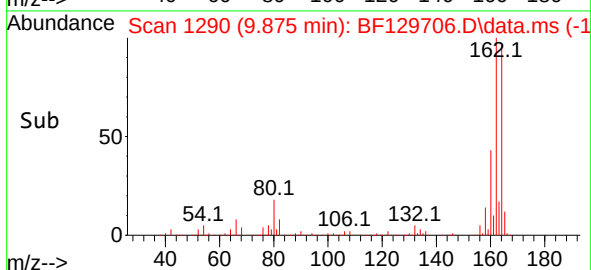
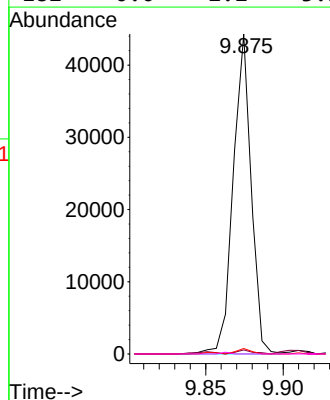
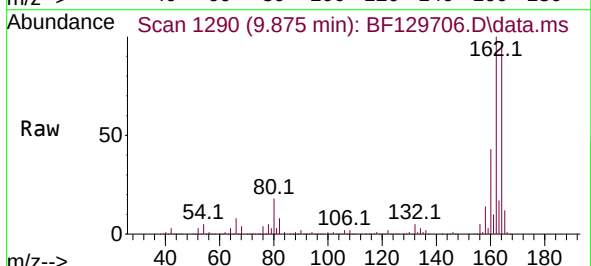
Ion Ratio Lower Upper

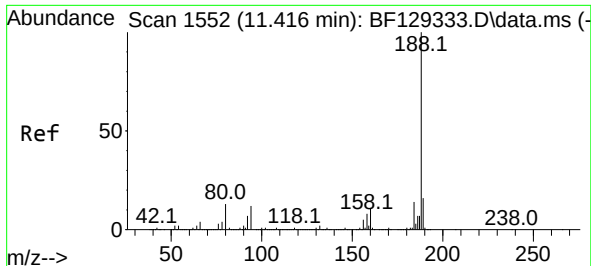
165 100

63 1.3 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#

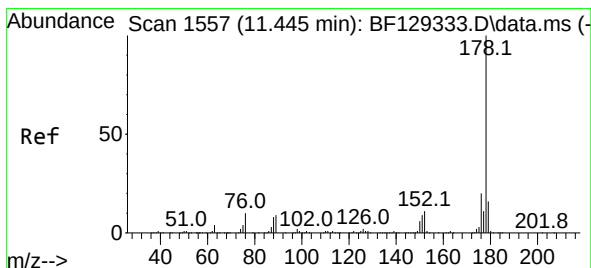
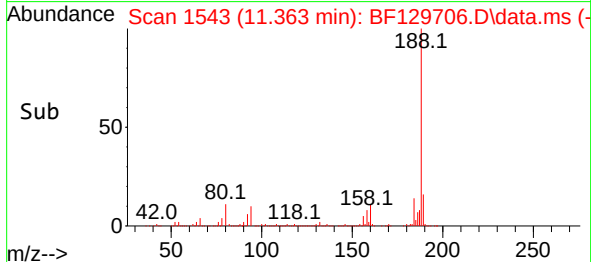
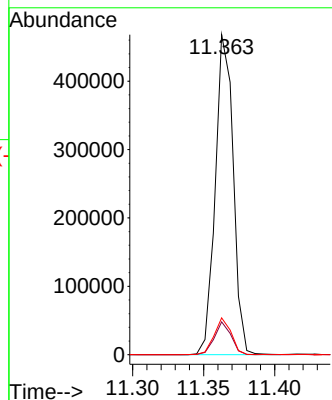
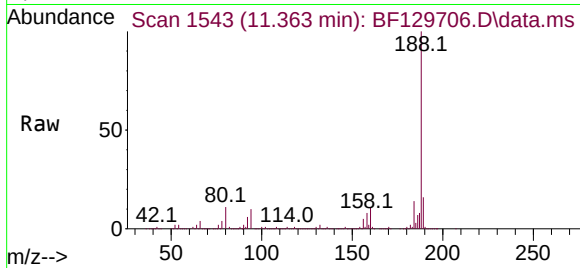




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

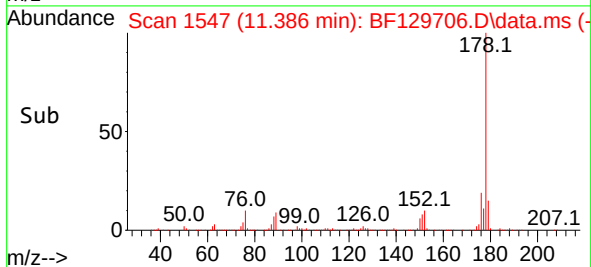
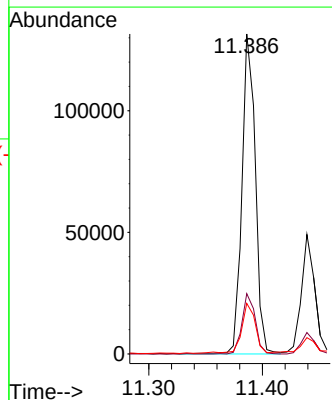
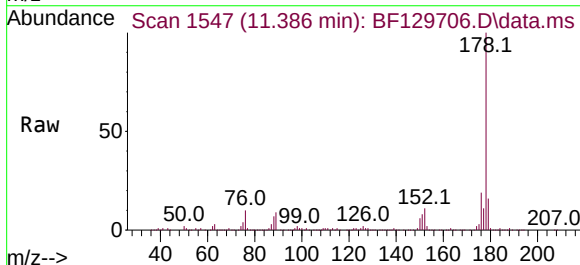
Instrument :
BNA_F
ClientSampleId :
TP2-2FT

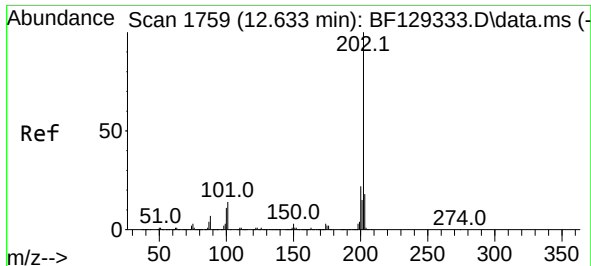
Tgt Ion:188 Resp: 410228
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.5 7.6 11.4#



#71
Phenanthrene
Concen: 4.815 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.024 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

Tgt Ion:178 Resp: 107822
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.8 12.6 19.0

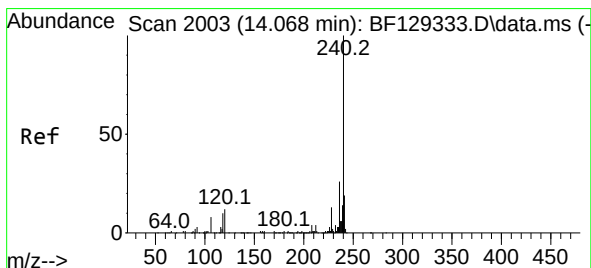
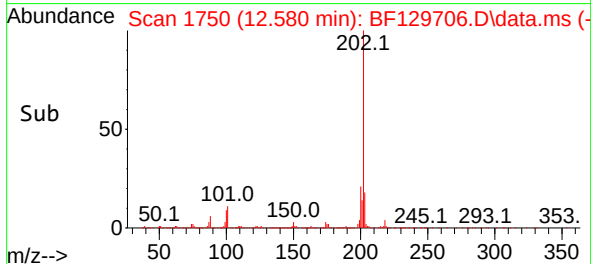
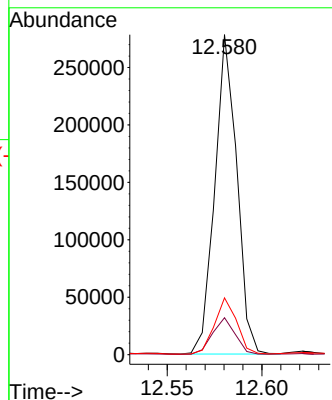
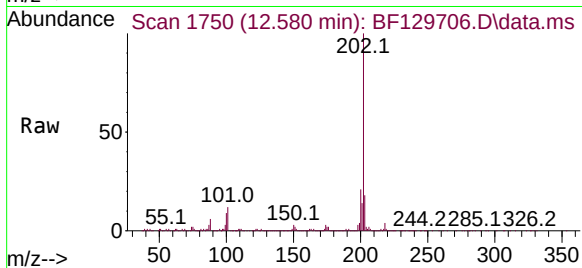




#75
Fluoranthene
Concen: 9.940 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

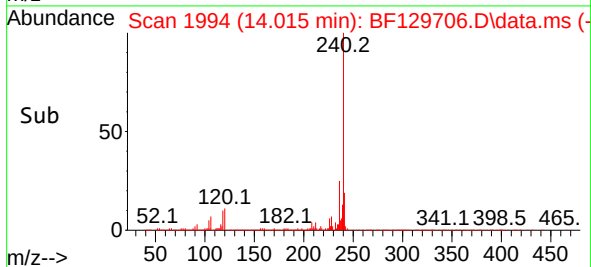
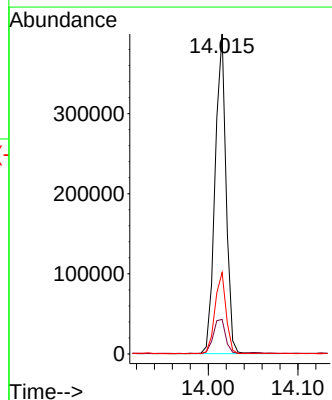
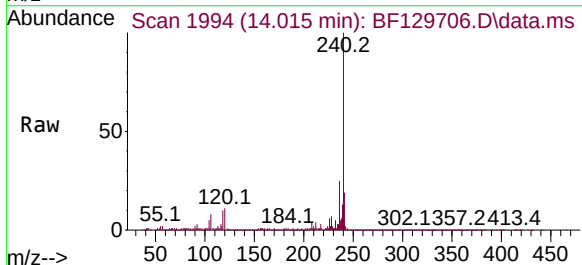
Instrument :
BNA_F
ClientSampleId :
TP2-2FT

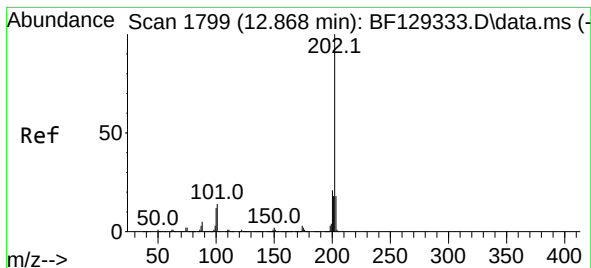
Tgt Ion:202 Resp: 225532
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

Tgt Ion:240 Resp: 339396
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.5 20.8 31.2





#78

Pyrene

Concen: 10.892 ng

RT: 12.810 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Instrument :

BNA_F

ClientSampleId :

TP2-2FT

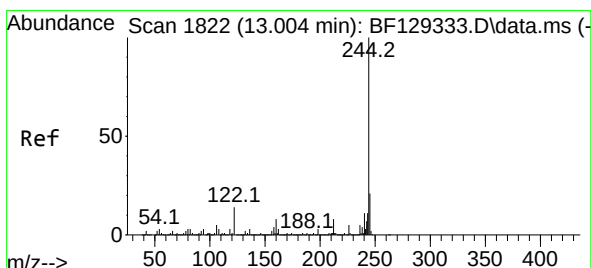
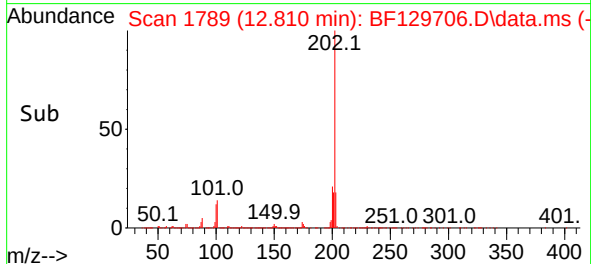
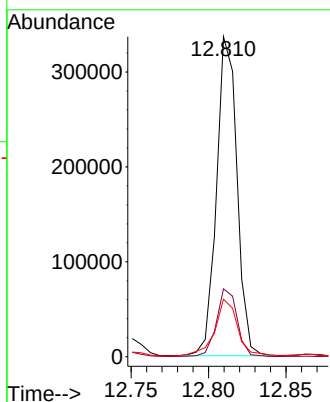
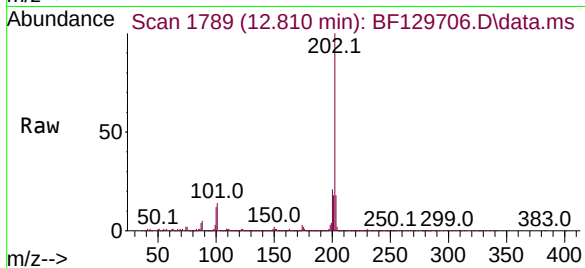
Tgt Ion:202 Resp: 309127

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.9 14.6 21.8



#79

Terphenyl-d14

Concen: 9.258 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.024 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

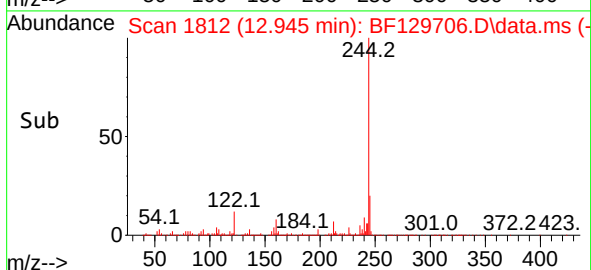
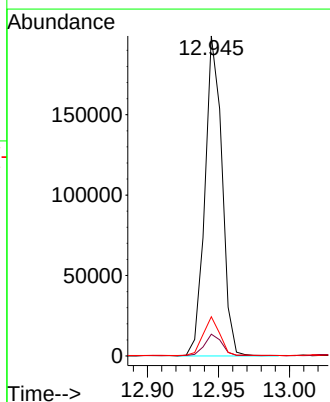
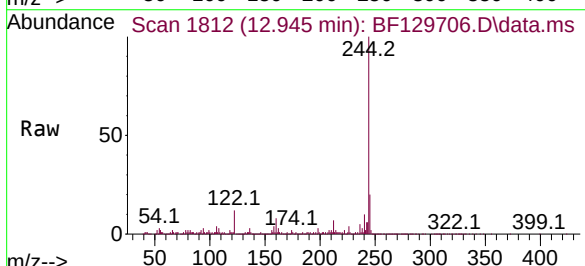
Tgt Ion:244 Resp: 166544

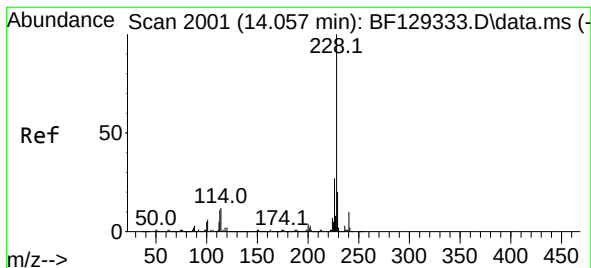
Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 12.2 8.8 13.2





#81

Benzo(a)anthracene

Concen: 6.940 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.023 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Instrument :

BNA_F

ClientSampleId :

TP2-2FT

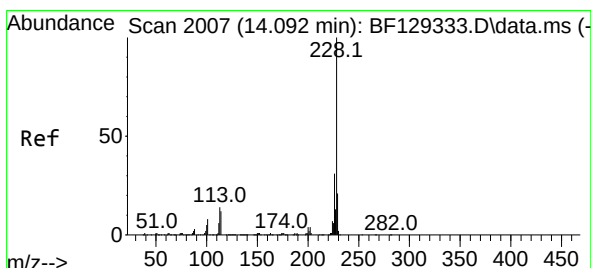
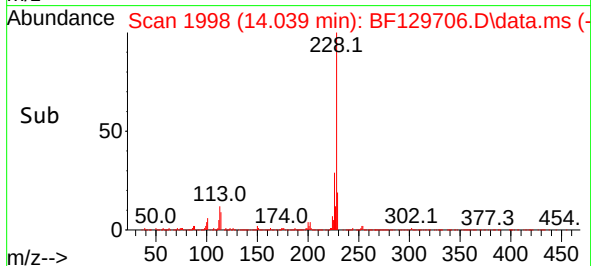
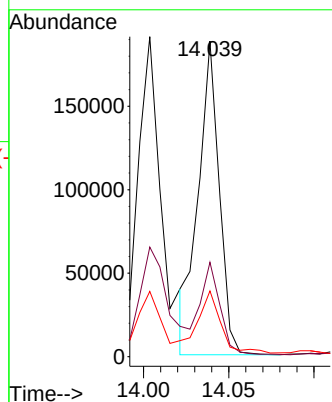
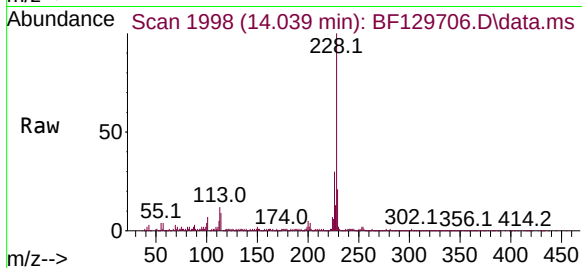
Tgt Ion:228 Resp: 160895

Ion Ratio Lower Upper

228 100

226 29.9 22.1 33.1

229 20.9 15.8 23.8



#83

Chrysene

Concen: 7.364 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.018 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

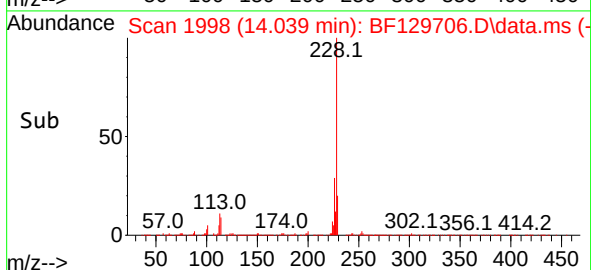
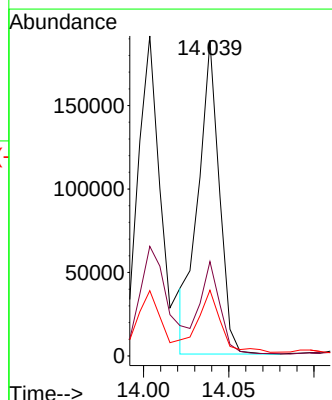
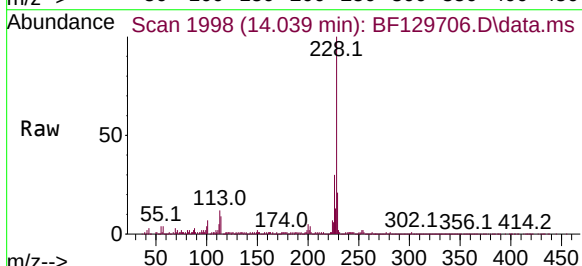
Tgt Ion:228 Resp: 160895

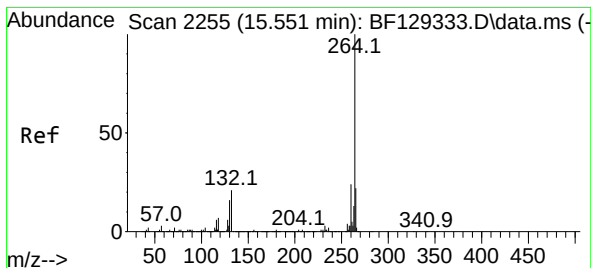
Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 20.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Instrument :

BNA_F

ClientSampleId :

TP2-2FT

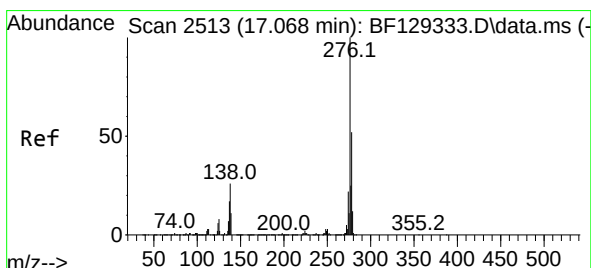
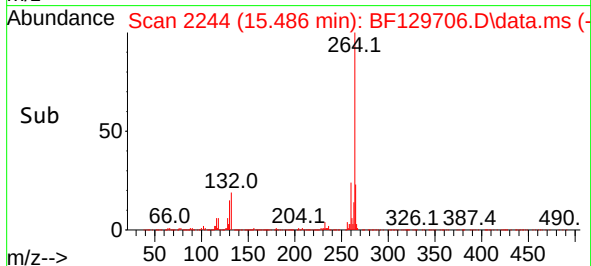
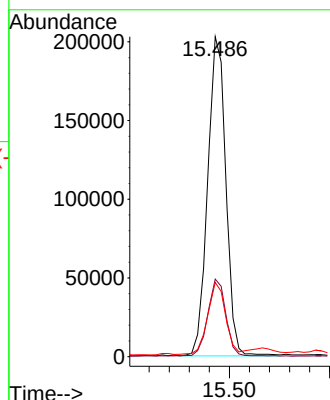
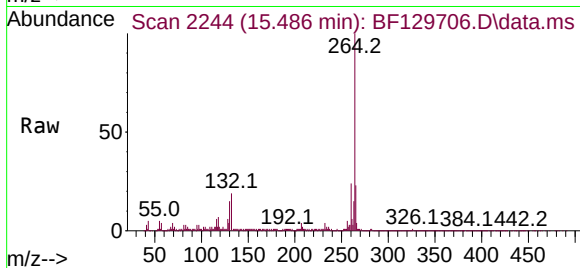
Tgt Ion:264 Resp: 255341

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 23.2 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.757 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.030 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

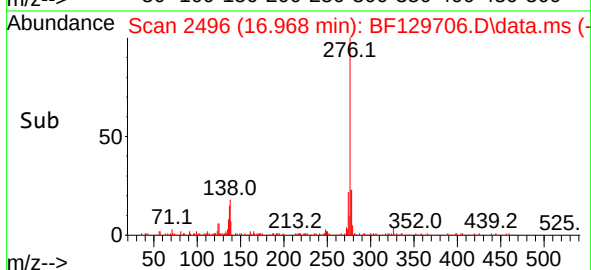
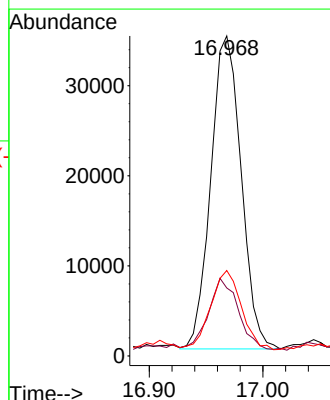
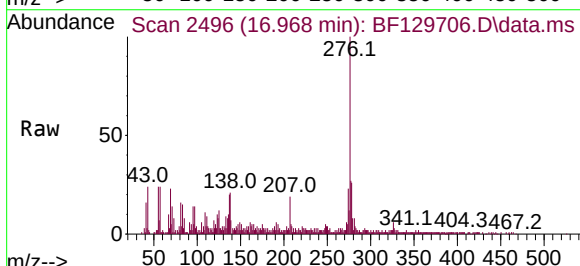
Tgt Ion:276 Resp: 64599

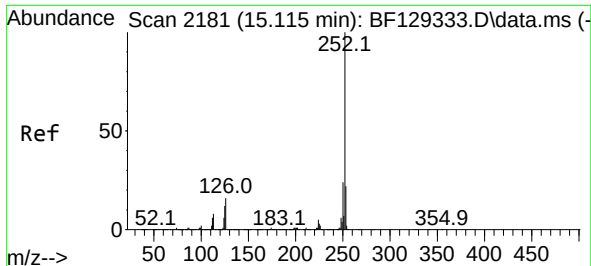
Ion Ratio Lower Upper

276 100

138 23.1 21.1 31.7

277 25.4 20.3 30.5

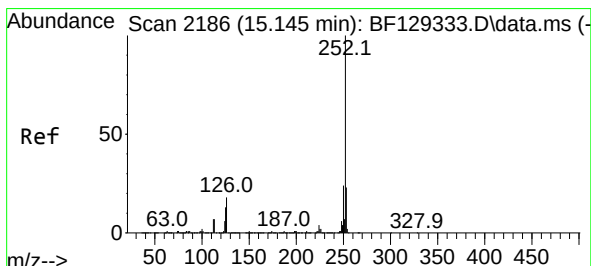
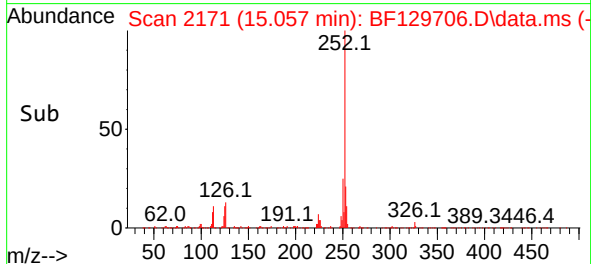
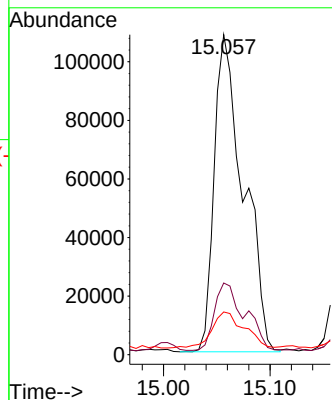
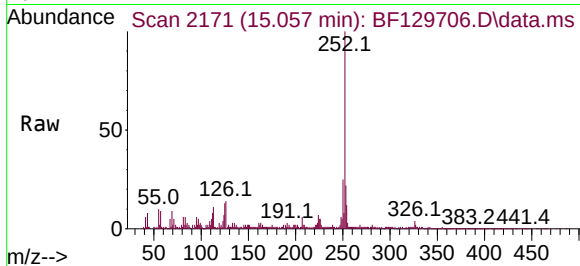




#88
Benzo(b)fluoranthene
Concen: 12.208 ng
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

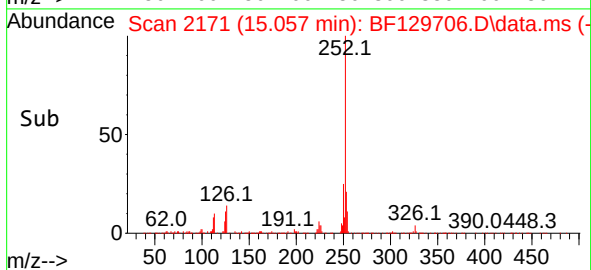
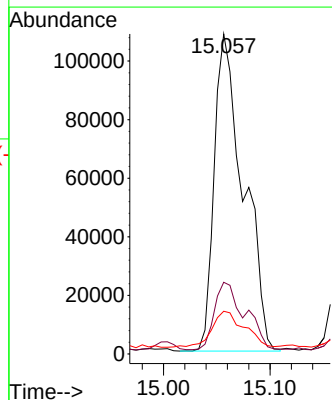
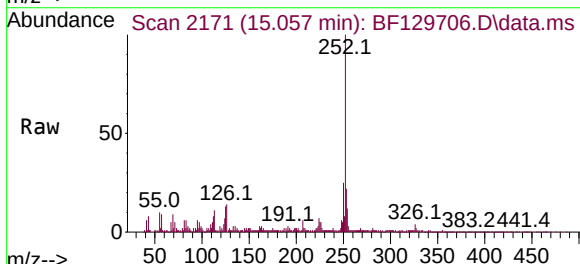
Instrument :
BNA_F
ClientSampleId :
TP2-2FT

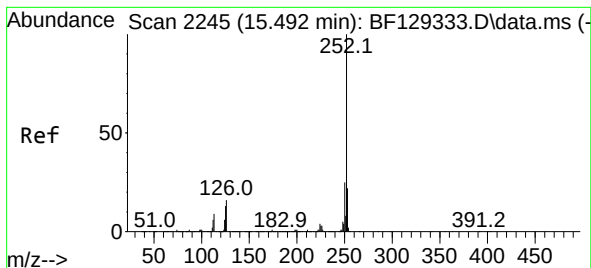
Tgt Ion:252 Resp: 206778
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 12.458 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.047 min
Lab File: BF129706.D
Acq: 10 Aug 2022 20:58

Tgt Ion:252 Resp: 206778
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 13.4 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 8.771 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Instrument :

BNA_F

ClientSampleId :

TP2-2FT

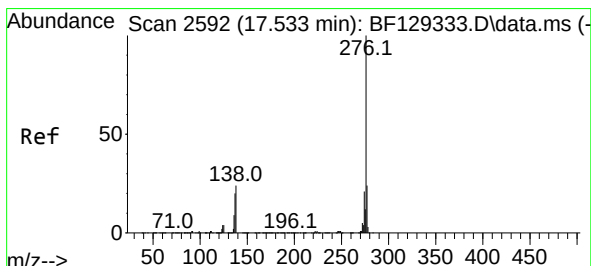
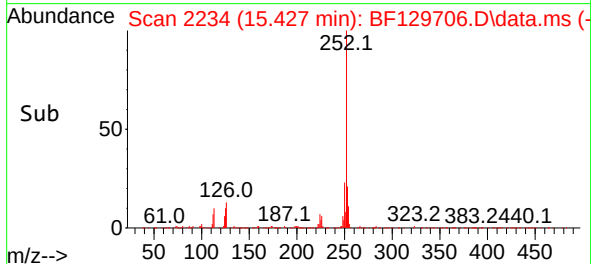
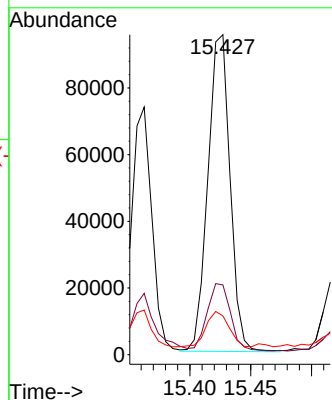
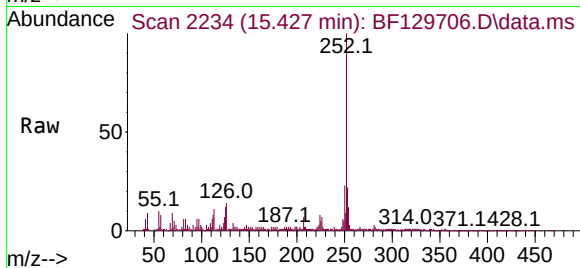
Tgt Ion:252 Resp: 120597

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 12.1 8.8 13.2



#92

Benzo(g,h,i)perylene

Concen: 4.706 ng

RT: 17.415 min Scan# 2572

Delta R.T. -0.035 min

Lab File: BF129706.D

Acq: 10 Aug 2022 20:58

Tgt Ion:276 Resp: 67294

Ion Ratio Lower Upper

276 100

277 25.8 19.1 28.7

138 22.7 18.0 27.0

