

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129898.D
 Acq On : 19 Aug 2022 03:07
 Operator : CG\JU
 Sample : N4225-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-70-1

Quant Time: Aug 19 03:27:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

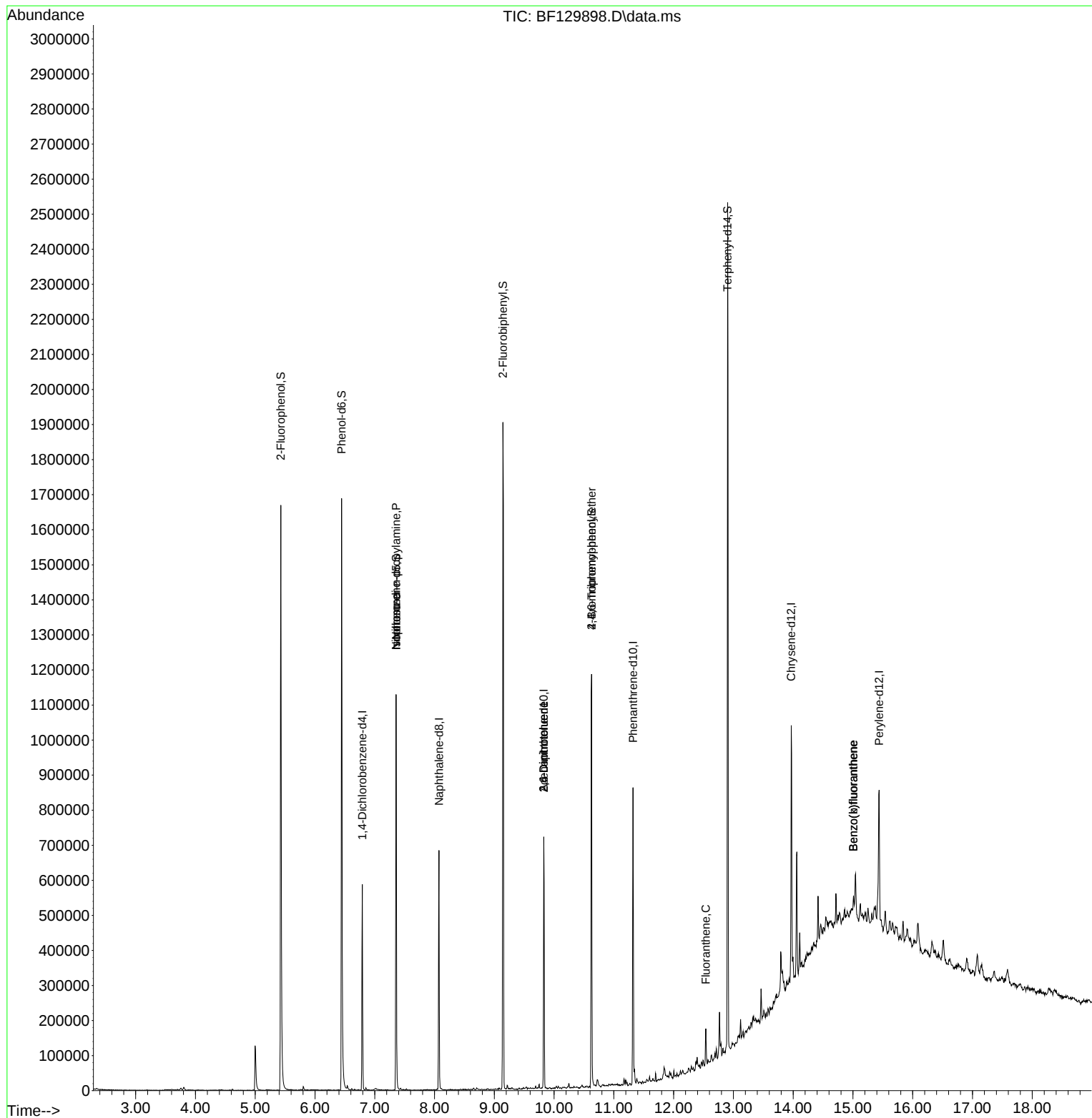
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	80119	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	275295	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	138526	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	271152	20.000	ng	0.00
76) Chrysene-d12	13.968	240	241861	20.000	ng	0.00
86) Perylene-d12	15.439	264	182963	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	492455	101.768	ng	0.00
7) Phenol-d6	6.445	99	560594	92.511	ng	0.00
23) Nitrobenzene-d5	7.357	82	333643	64.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	139759	100.523	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	566769	62.141	ng	0.00
79) Terphenyl-d14	12.904	244	792648	54.532	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	919	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	43099	11.252	ng	# 77
25) Isophorone	7.357	82	333640	37.694	ng	# 65
51) 2,6-Dinitrotoluene	9.828	165	18143	8.422	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	18143	6.488	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	9079	2.859	ng	# 1
75) Fluoranthene	12.539	202	35284	2.277	ng	100
77) Benzidine	12.627	184	798	Below Cal	#	1
88) Benzo(b)fluoranthene	15.010	252	32925	2.628	ng	# 64
89) Benzo(k)fluoranthene	15.010	252	32925	2.740	ng	# 63

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
Data File : BF129898.D
Acq On : 19 Aug 2022 03:07
Operator : CG\JU
Sample : N4225-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-70-1

Quant Time: Aug 19 03:27:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

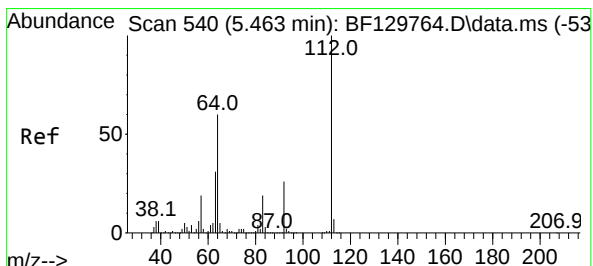
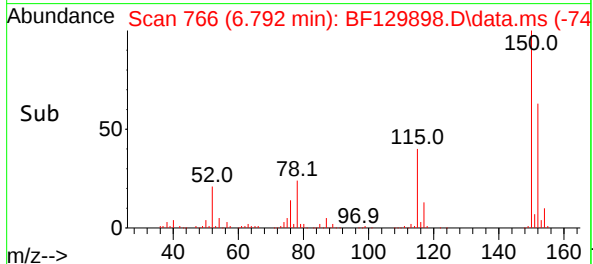
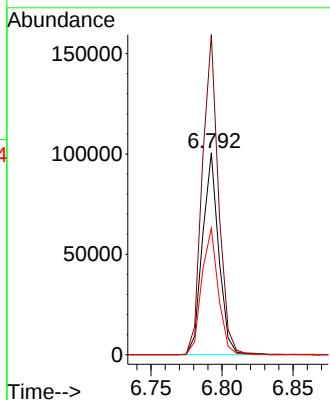
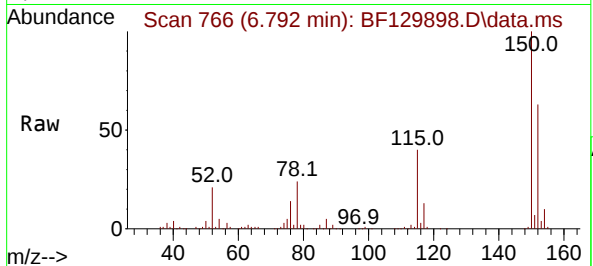




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

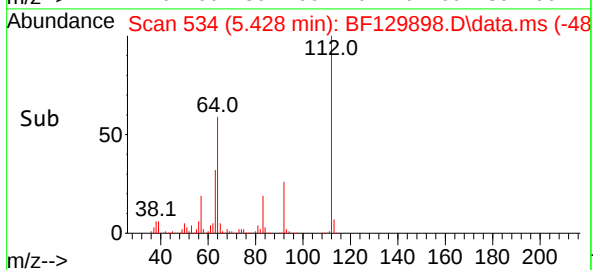
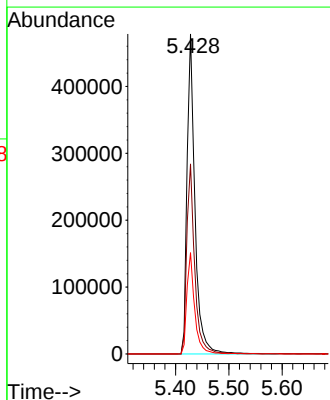
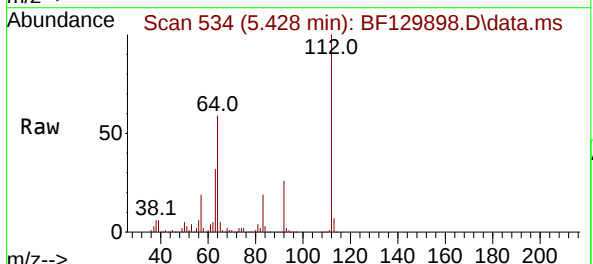
Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion:152 Resp: 80119
Ion Ratio Lower Upper
152 100
150 158.5 126.9 190.3
115 62.6 53.4 80.0



#5
2-Fluorophenol
Concen: 101.768 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Tgt Ion:112 Resp: 492455
Ion Ratio Lower Upper
112 100
64 59.4 47.6 71.4
63 31.6 24.6 37.0

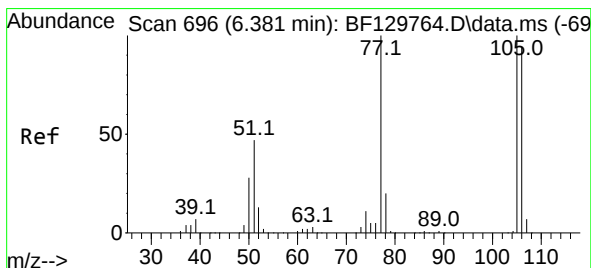
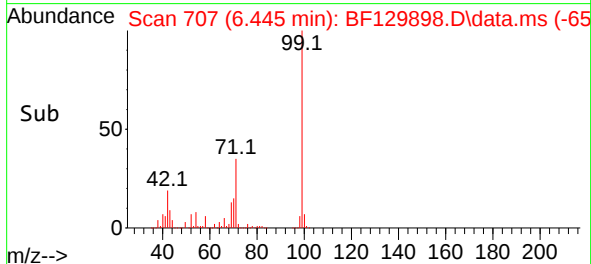
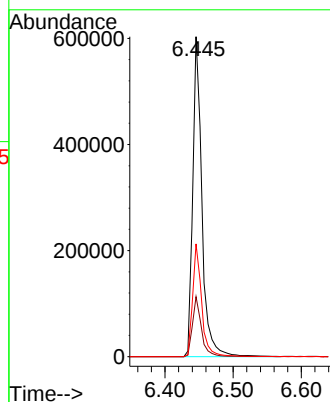
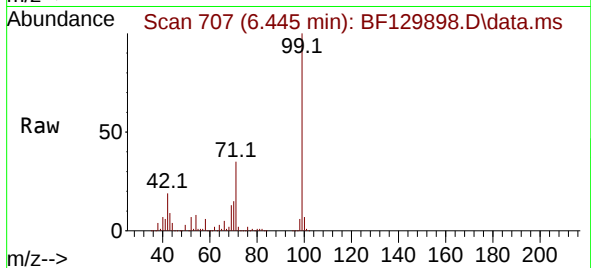




#7
Phenol-d6
Concen: 92.511 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

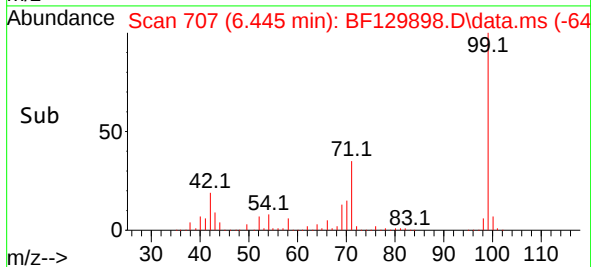
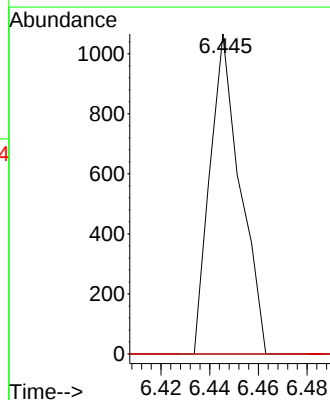
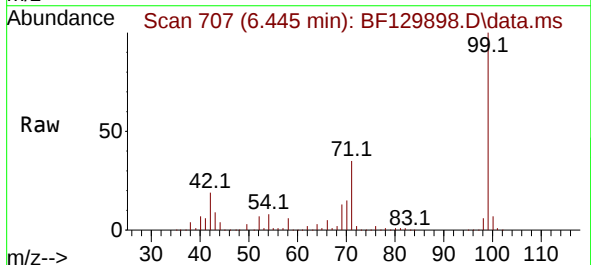
Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion: 99 Resp: 560594
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 35.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Tgt Ion: 77 Resp: 919
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

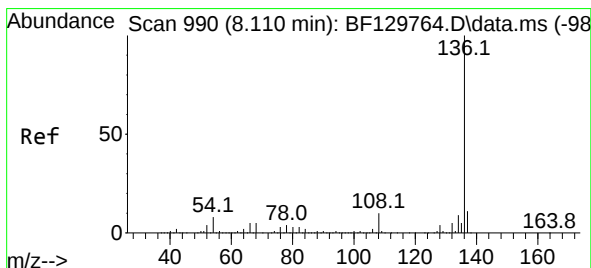
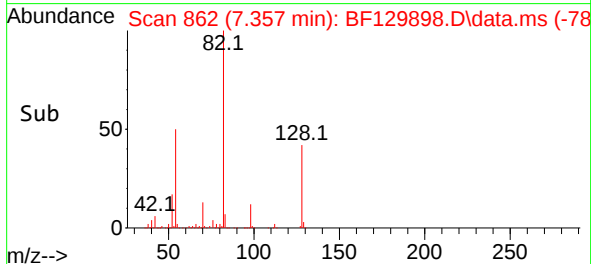
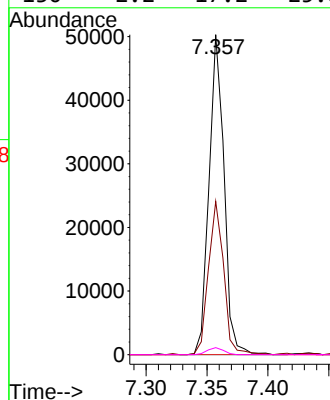
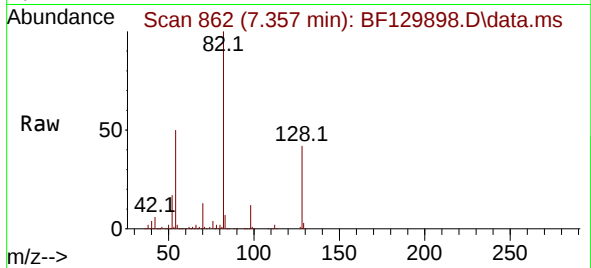




#19
n-Nitroso-di-n-propylamine
Concen: 11.252 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

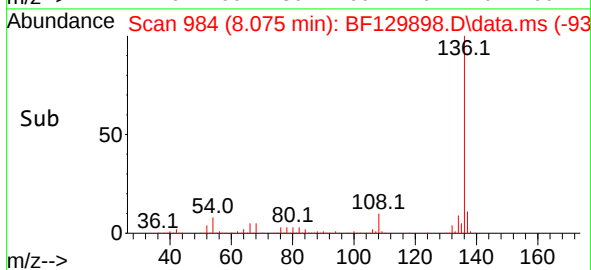
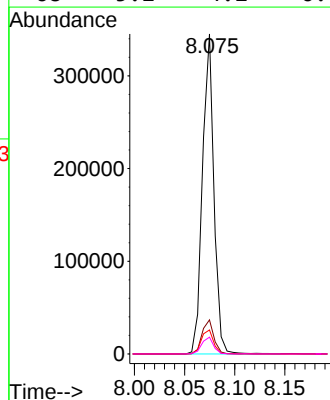
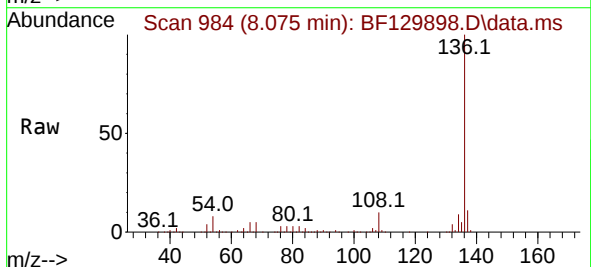
Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion: 70 Resp: 43099
Ion Ratio Lower Upper
70 100
42 47.9 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Tgt Ion:136 Resp: 275295
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 6.2 9.2
68 5.2 4.2 6.4

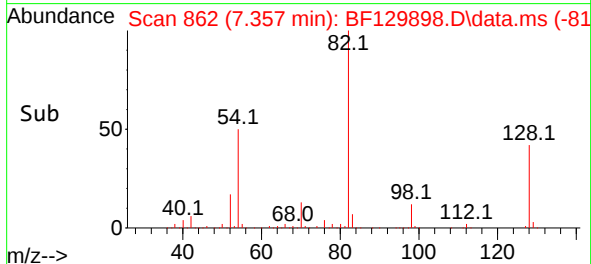
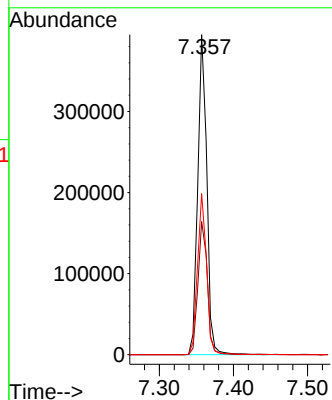
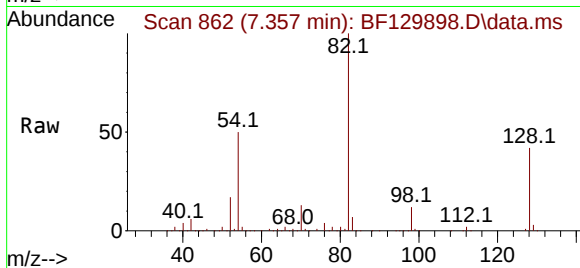




#23
Nitrobenzene-d5
Concen: 64.878 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

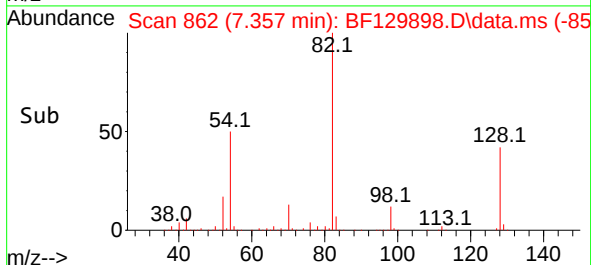
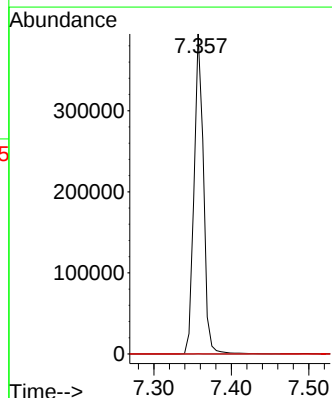
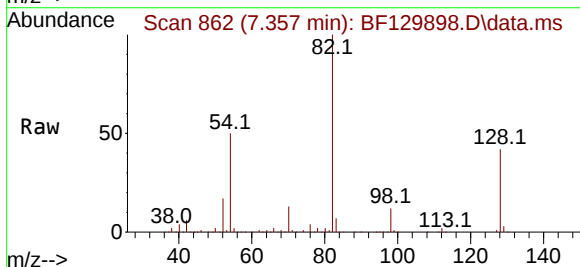
Instrument :
BNA_F
ClientSampleId :
R-70-1

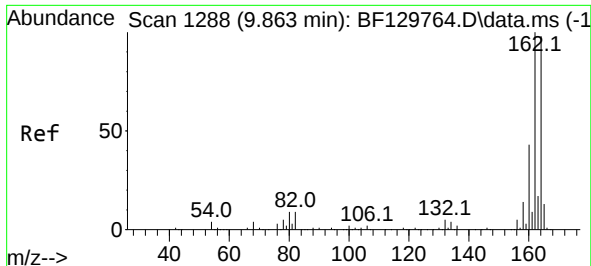
Tgt Ion: 82 Resp: 333643
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 50.4 40.0 60.0



#25
Isophorone
Concen: 37.694 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

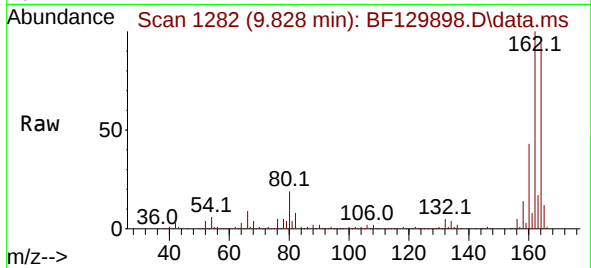
Tgt Ion: 82 Resp: 333640
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



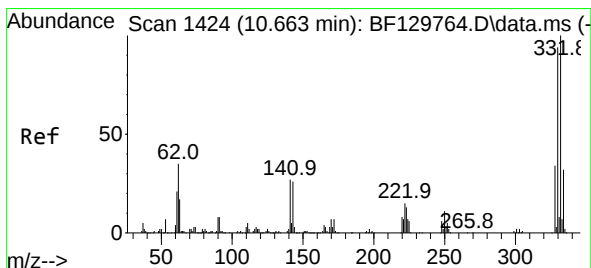
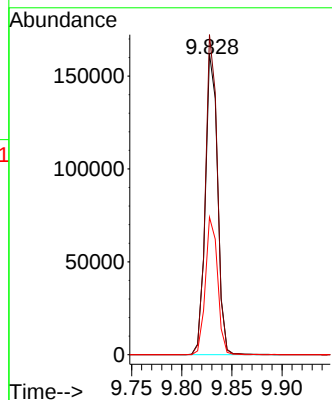
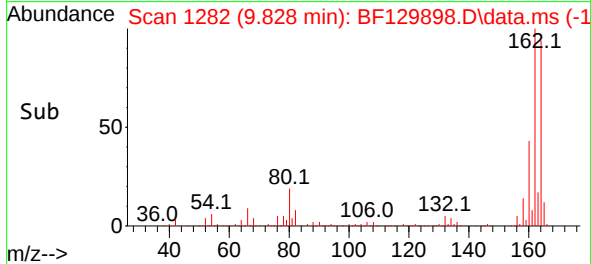


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

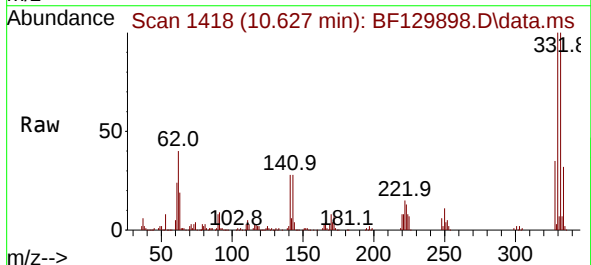
Instrument :
BNA_F
ClientSampleId :
R-70-1



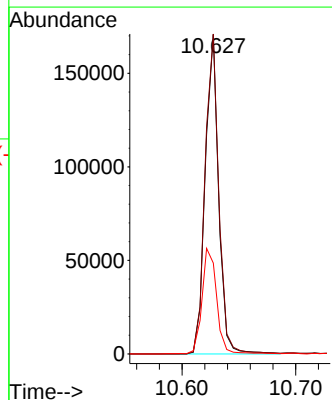
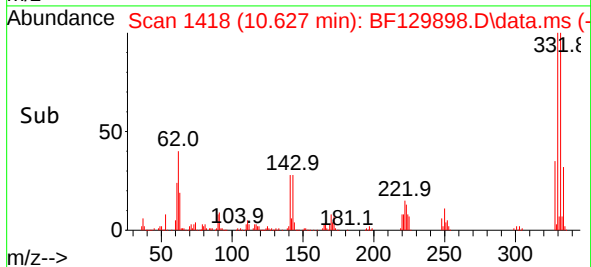
Tgt Ion:164 Resp: 138526
Ion Ratio Lower Upper
164 100
162 106.3 82.0 123.0
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 100.523 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07



Tgt Ion:330 Resp: 139759
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 36.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 62.141 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129898.D

Acq: 19 Aug 2022 03:07

Instrument :

BNA_F

ClientSampleId :

R-70-1

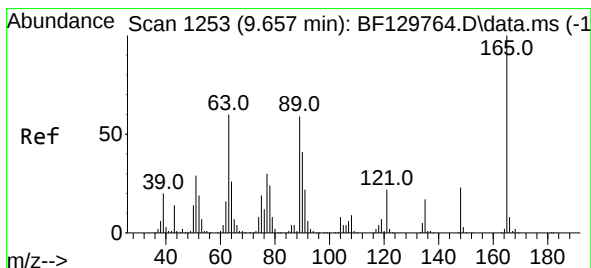
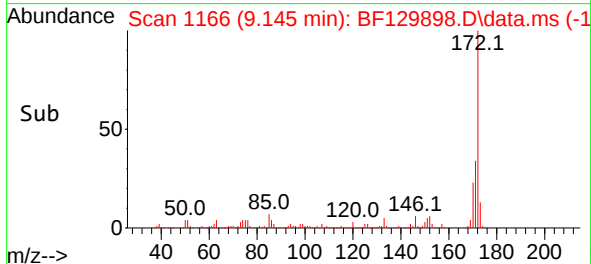
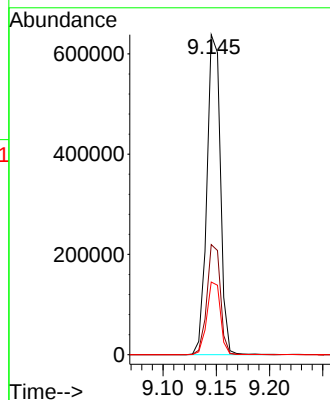
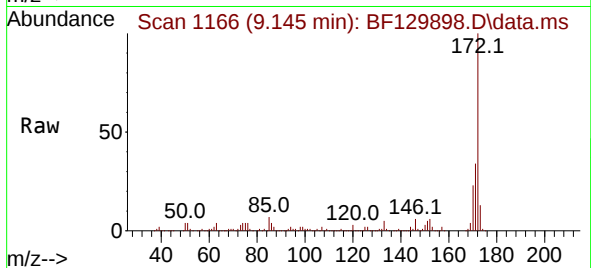
Tgt Ion:172 Resp: 566769

Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 22.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.422 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129898.D

Acq: 19 Aug 2022 03:07

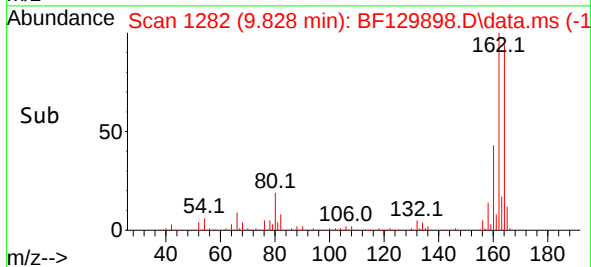
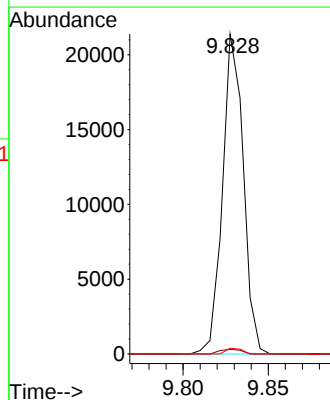
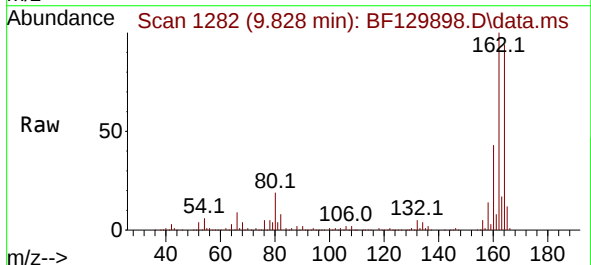
Tgt Ion:165 Resp: 18143

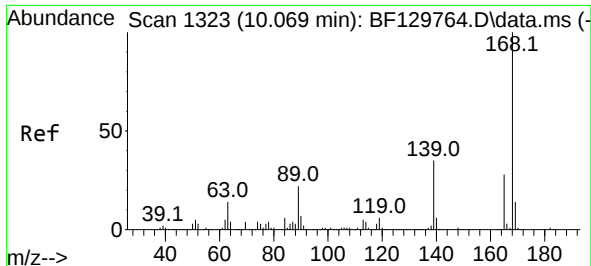
Ion Ratio Lower Upper

165 100

63 1.5 47.8 71.8#

89 1.8 47.2 70.8#

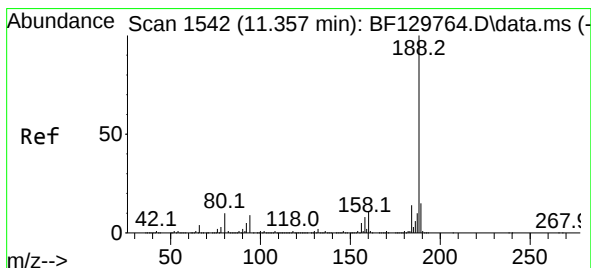
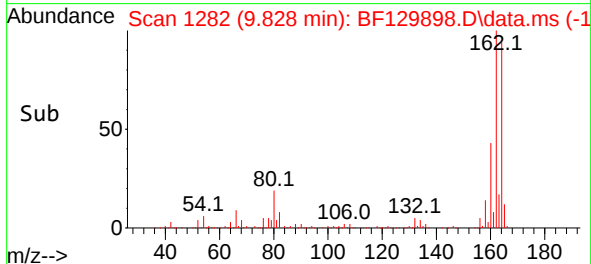
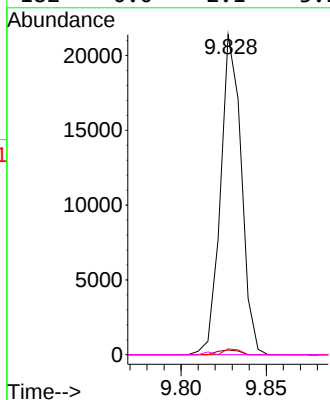
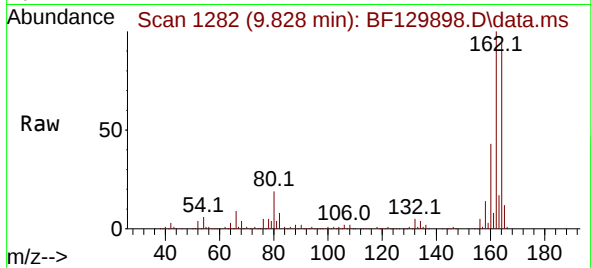




#57
2,4-Dinitrotoluene
Concen: 6.488 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

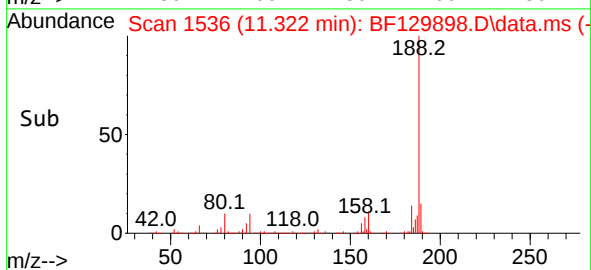
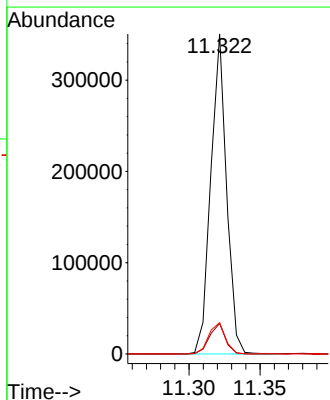
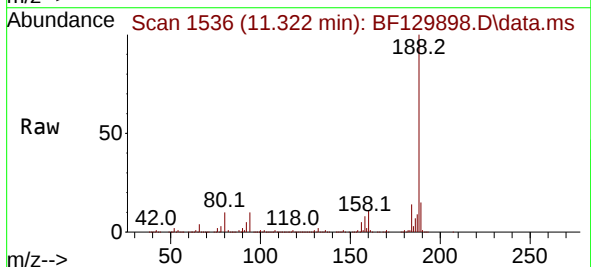
Instrument :
BNA_F
ClientSampleId :
R-70-1

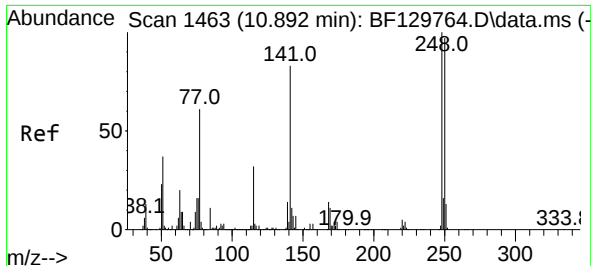
Tgt Ion:165 Resp: 18143
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.8 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Tgt Ion:188 Resp: 271152
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.8 7.9 11.9

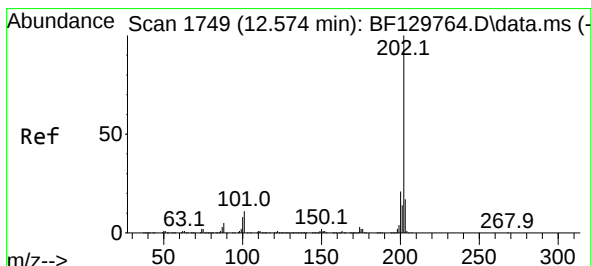
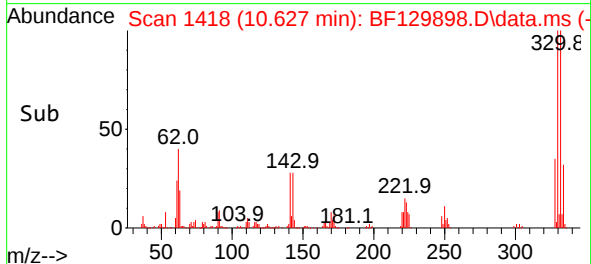
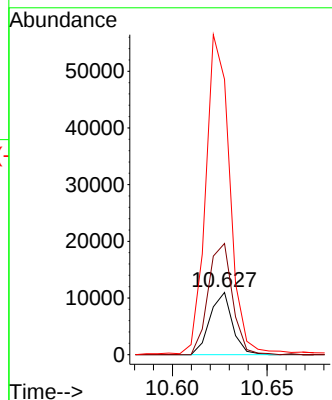
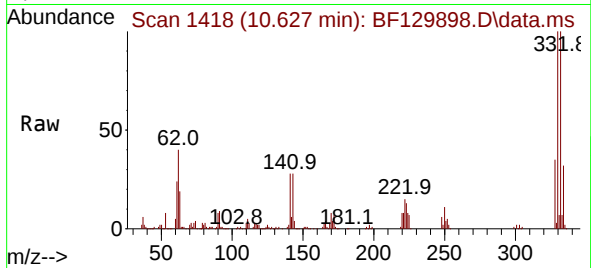




#67
4-Bromophenyl-phenylether
Concen: 2.859 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

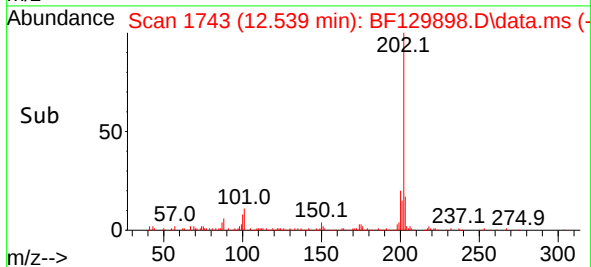
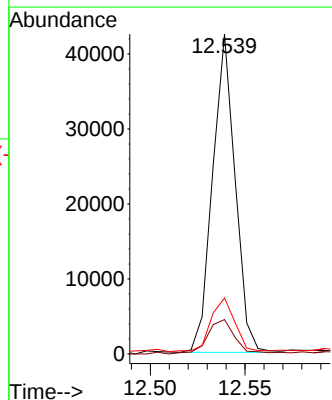
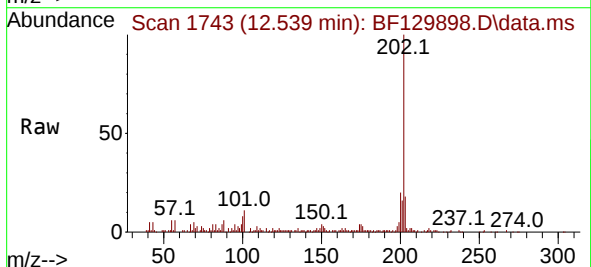
Instrument :
BNA_F
ClientSampleId :
R-70-1

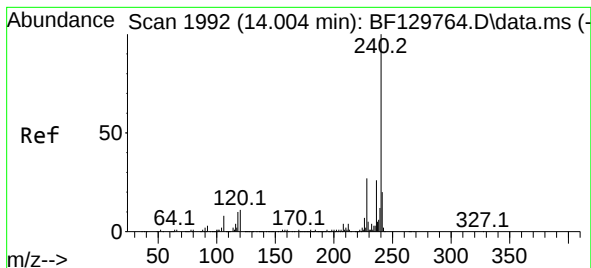
Tgt Ion:248 Resp: 9079
Ion Ratio Lower Upper
248 100
250 178.5 77.8 116.6#
141 441.7 66.2 99.2#



#75
Fluoranthene
Concen: 2.277 ng
RT: 12.539 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Tgt Ion:202 Resp: 35284
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129898.D

Acq: 19 Aug 2022 03:07

Instrument :

BNA_F

ClientSampleId :

R-70-1

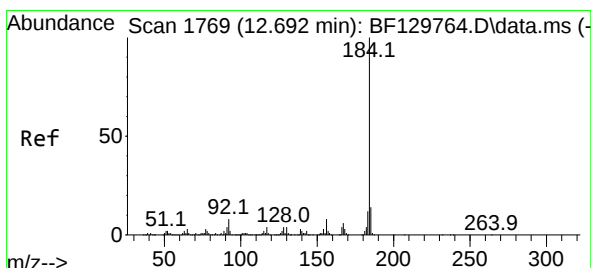
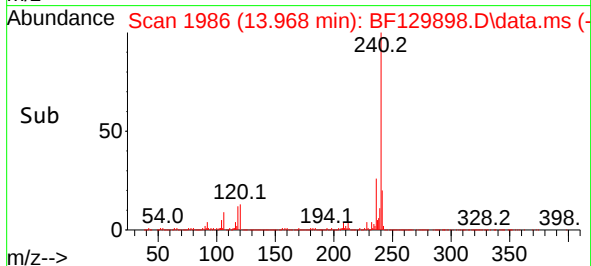
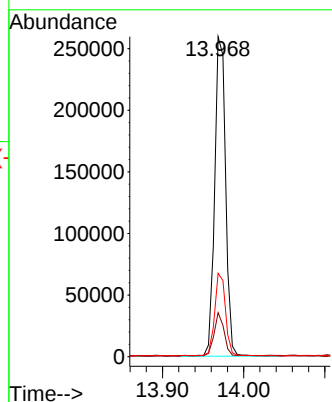
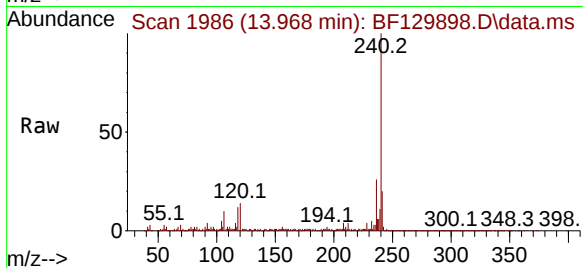
Tgt Ion:240 Resp: 241861

Ion Ratio Lower Upper

240 100

120 13.8 9.2 13.8

236 26.0 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.627 min Scan# 1758

Delta R.T. -0.035 min

Lab File: BF129898.D

Acq: 19 Aug 2022 03:07

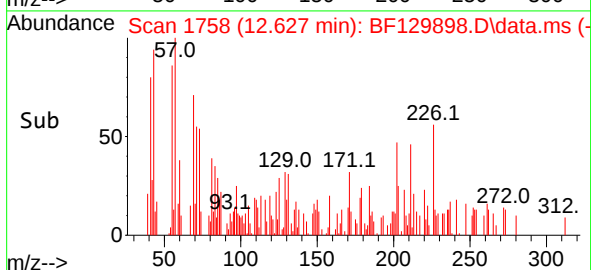
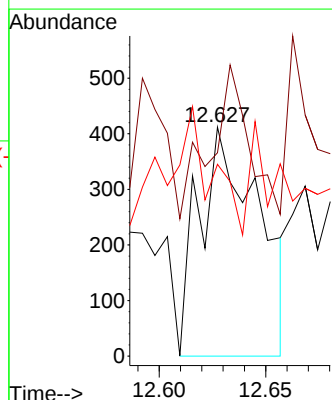
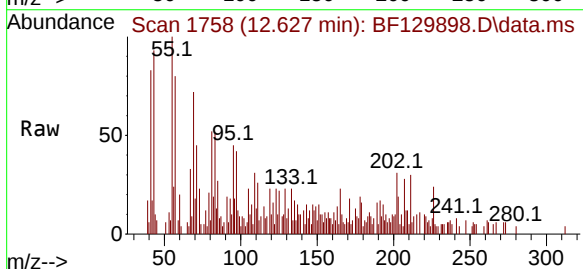
Tgt Ion:184 Resp: 798

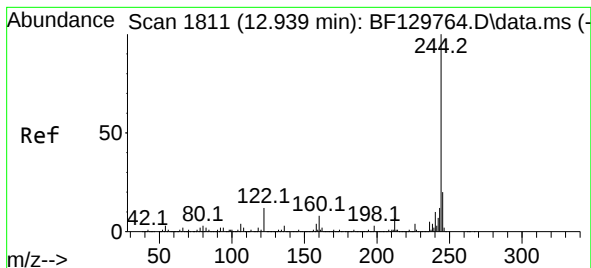
Ion Ratio Lower Upper

184 100

185 88.8 11.4 17.2#

183 83.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 54.532 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129898.D

Acq: 19 Aug 2022 03:07

Instrument :

BNA_F

ClientSampleId :

R-70-1

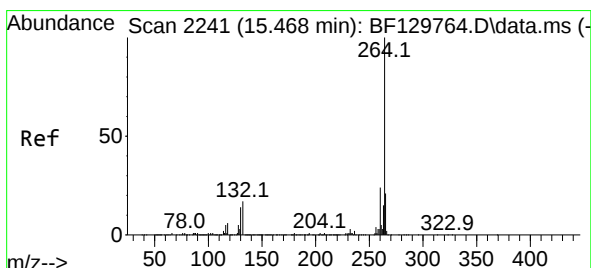
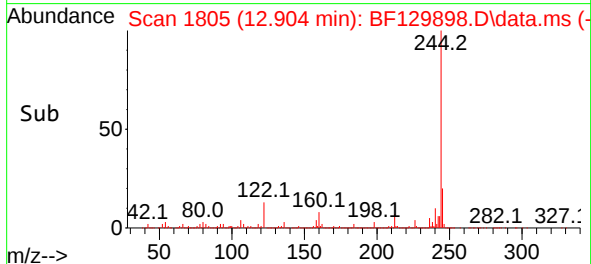
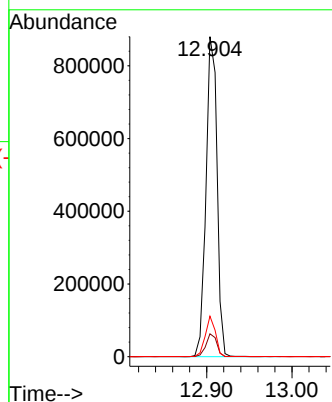
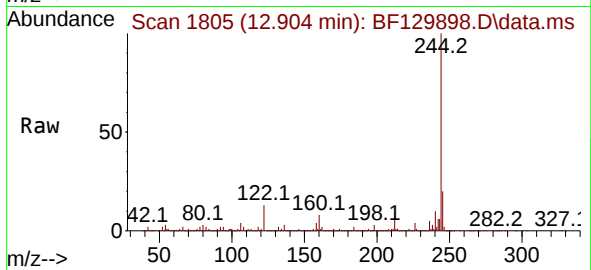
Tgt Ion:244 Resp: 792648

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 12.6 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129898.D

Acq: 19 Aug 2022 03:07

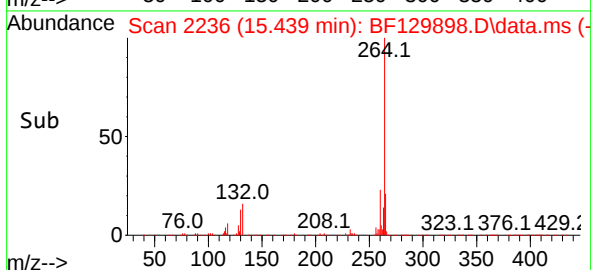
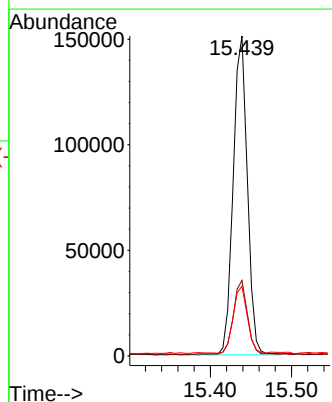
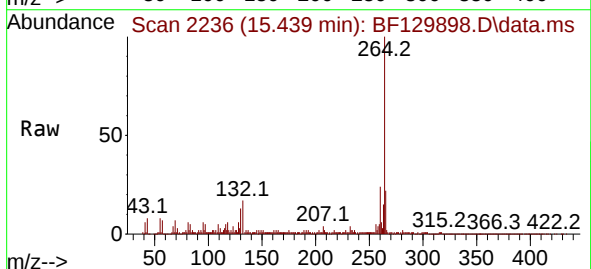
Tgt Ion:264 Resp: 182963

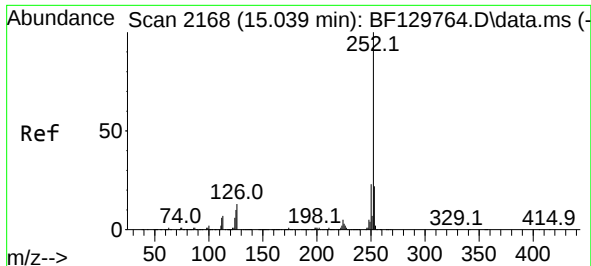
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 16.7 25.1

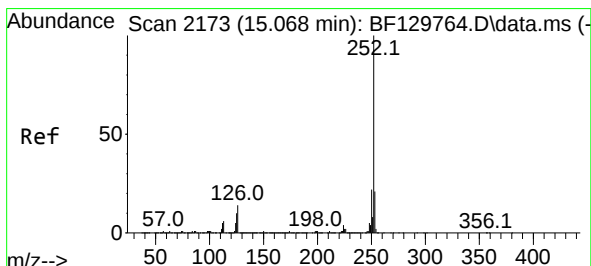
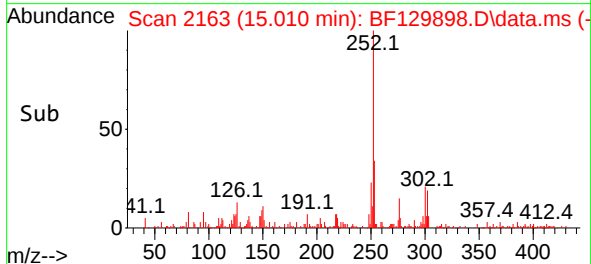
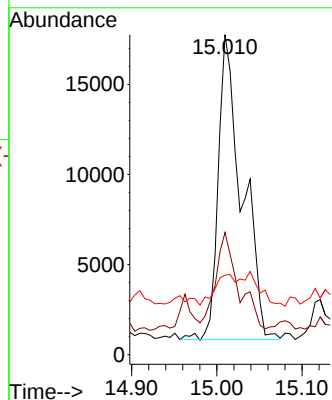
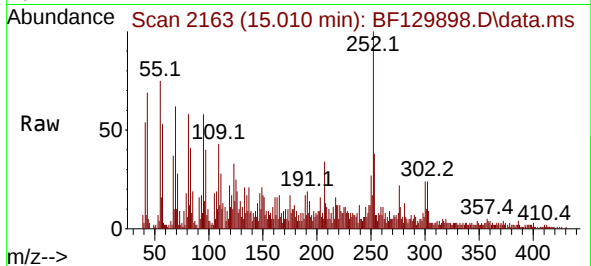




#88
Benzo(b)fluoranthene
Concen: 2.628 ng
RT: 15.010 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion:252 Resp: 32925
Ion Ratio Lower Upper
252 100
253 38.2 17.5 26.3#
125 24.9 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 2.740 ng
RT: 15.010 min Scan# 2163
Delta R.T. -0.023 min
Lab File: BF129898.D
Acq: 19 Aug 2022 03:07

Tgt Ion:252 Resp: 32925
Ion Ratio Lower Upper
252 100
253 38.2 17.1 25.7#
125 24.9 8.3 12.5#

