

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129890.D
 Acq On : 18 Aug 2022 22:54
 Operator : CG\JU
 Sample : N4215-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Aug 19 01:06:18 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)

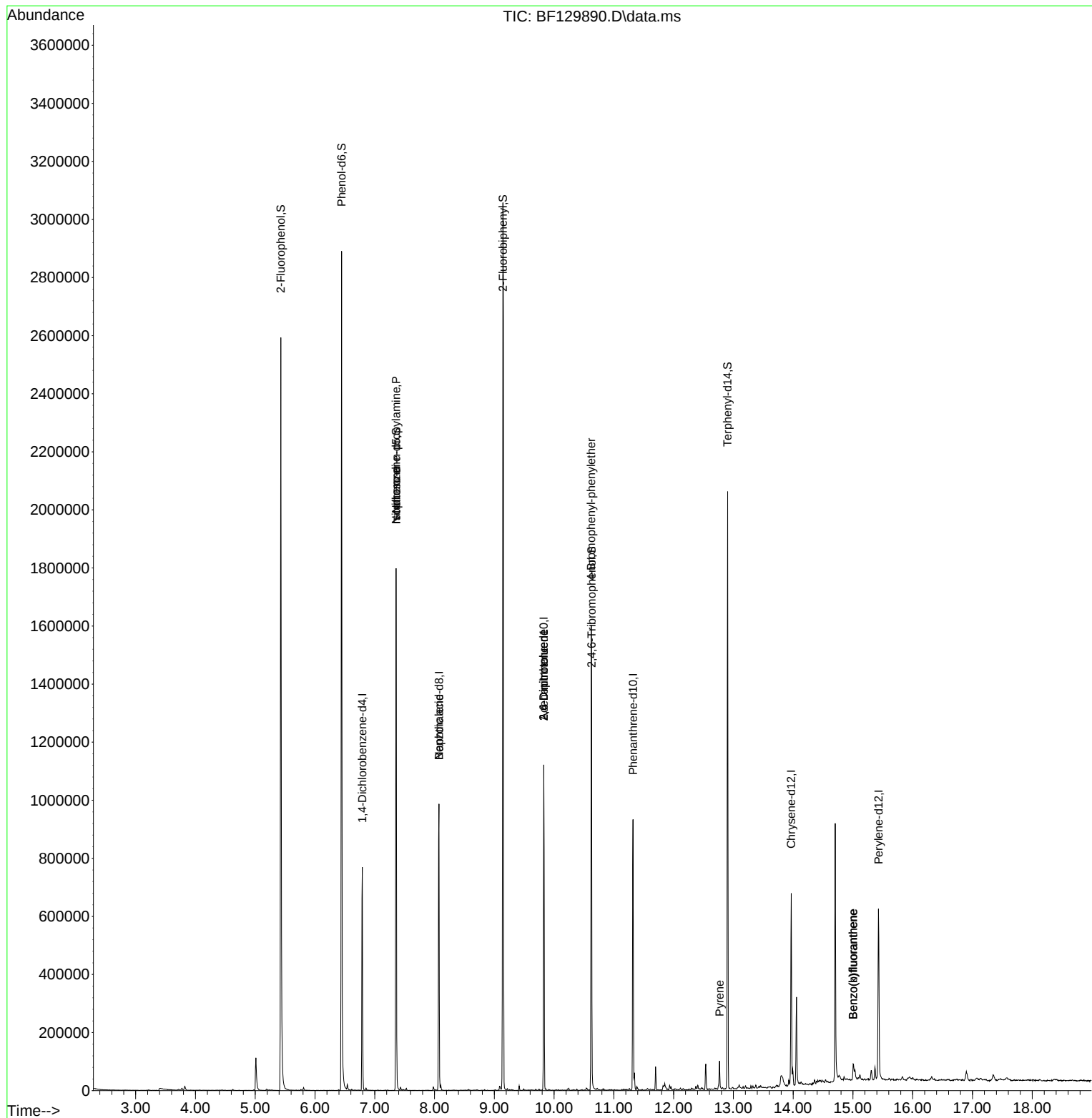
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	114007	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	445490	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	218972	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	315114	20.000	ng	0.00
76) Chrysene-d12	13.968	240	202371	20.000	ng	0.00
86) Perylene-d12	15.427	264	255631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	706562	102.613	ng	0.00
7) Phenol-d6	6.445	99	891560	103.395	ng	0.00
23) Nitrobenzene-d5	7.357	82	550384	66.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	183097	83.313	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	952032	66.034	ng	0.00
79) Terphenyl-d14	12.904	244	637000	52.375	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	1468	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	73000	13.394	ng	# 77
25) Isophorone	7.357	82	550371	38.425	ng	# 65
32) Benzoic acid	8.075	122	83	2.190	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	28611	8.402	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	28611	6.473	ng	# 18
67) 4-Bromophenyl-phenylether	10.622	248	11753	3.184	ng	# 1
77) Benzidine	12.904	184	8751	Below Cal	#	95
78) Pyrene	12.769	202	37819	2.151	ng	99
88) Benzo(b)fluoranthene	15.004	252	40349	2.305	ng	# 95
89) Benzo(k)fluoranthene	15.004	252	40349	2.404	ng	# 96

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

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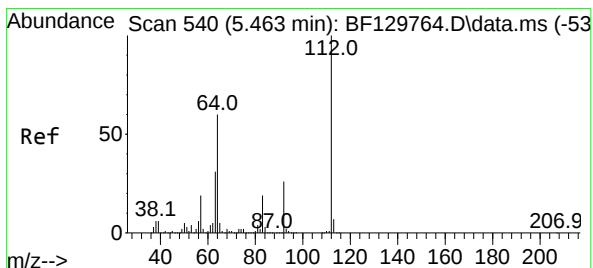
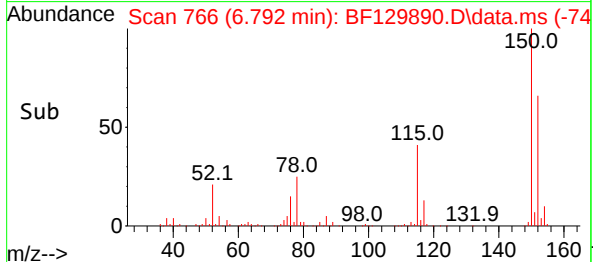
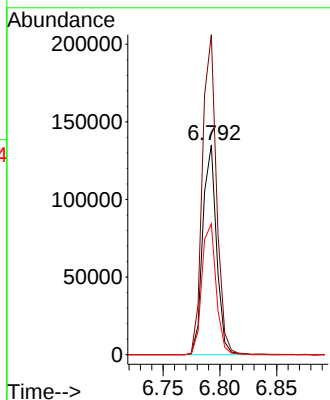
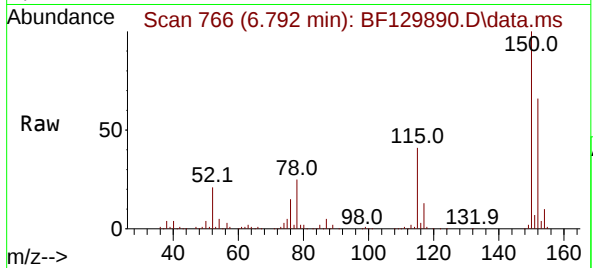




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

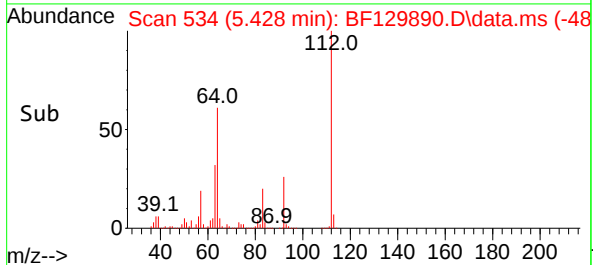
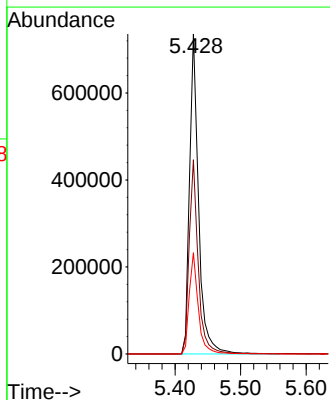
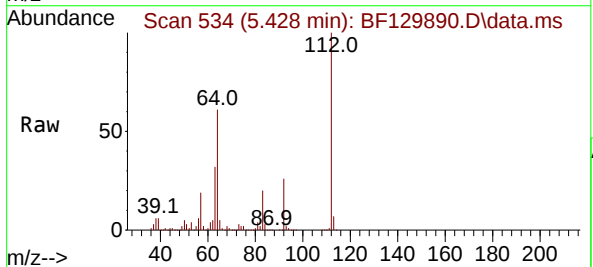
Instrument :
BNA_F
ClientSampleId :
WC-2

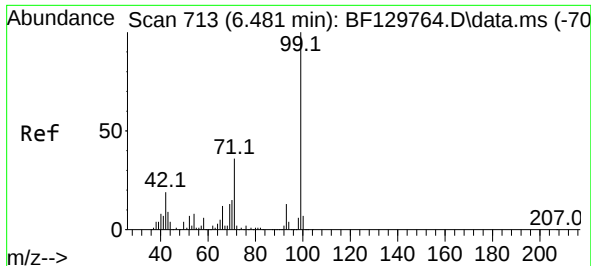
Tgt Ion:152 Resp: 114007
Ion Ratio Lower Upper
152 100
150 152.6 126.9 190.3
115 62.4 53.4 80.0



#5
2-Fluorophenol
Concen: 102.613 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:112 Resp: 706562
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 31.6 24.6 37.0

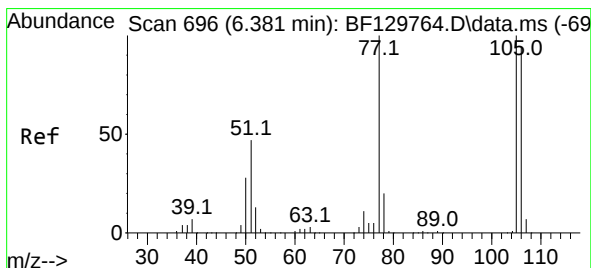
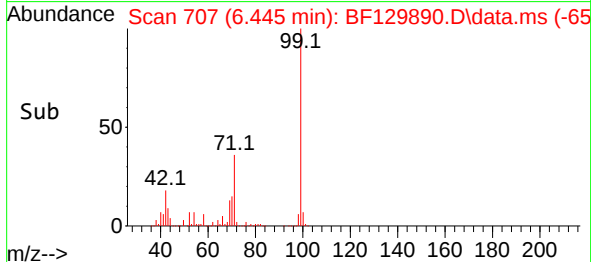
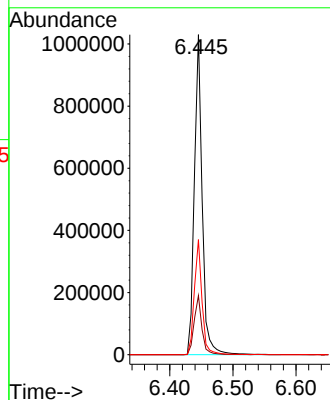
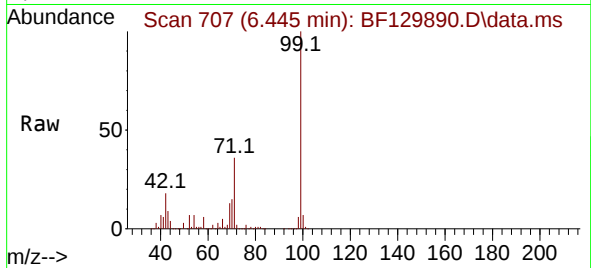




#7
Phenol-d6
Concen: 103.395 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

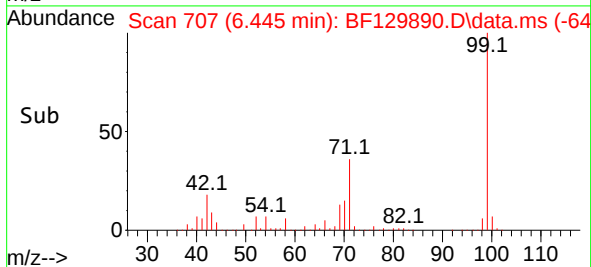
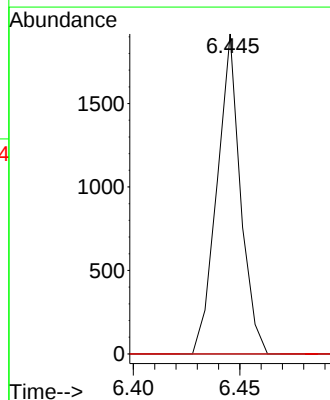
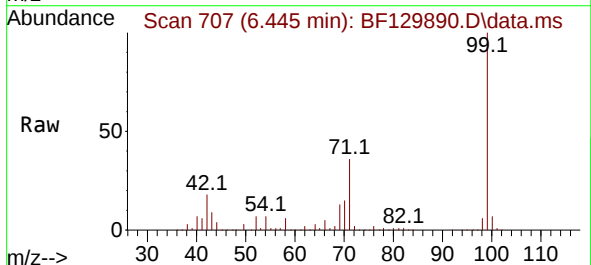
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 891560
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 35.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion: 77 Resp: 1468
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

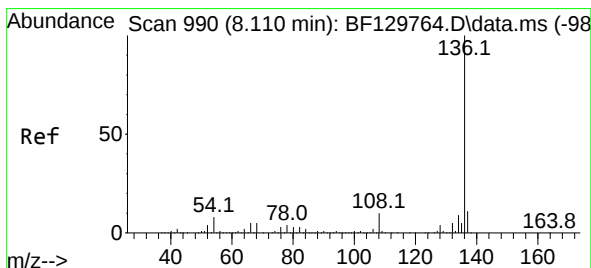
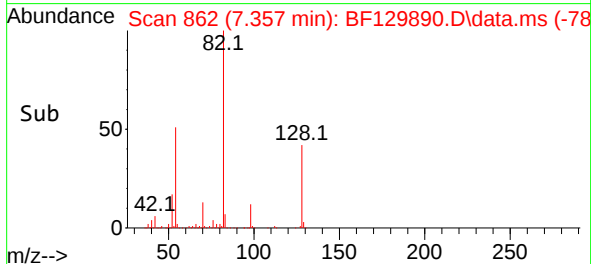
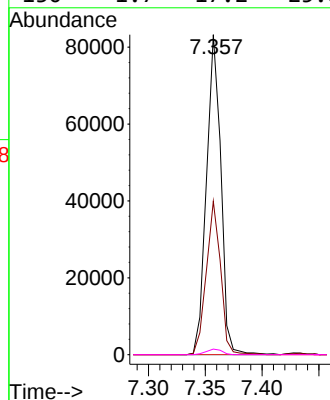
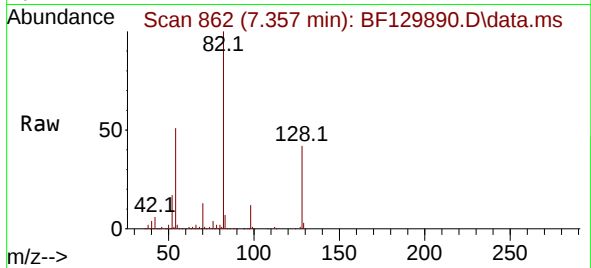




#19
n-Nitroso-di-n-propylamine
Concen: 13.394 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

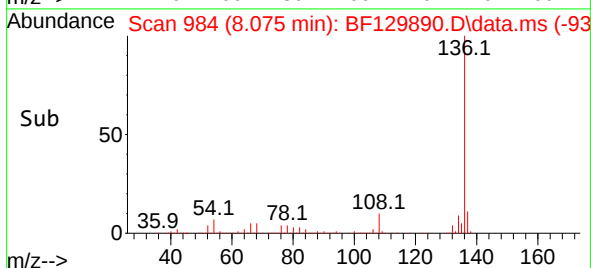
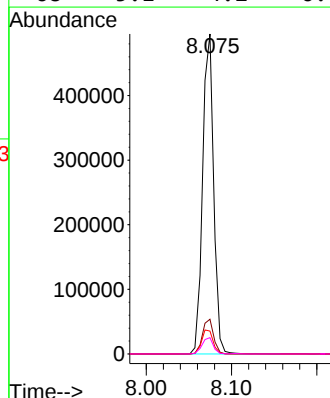
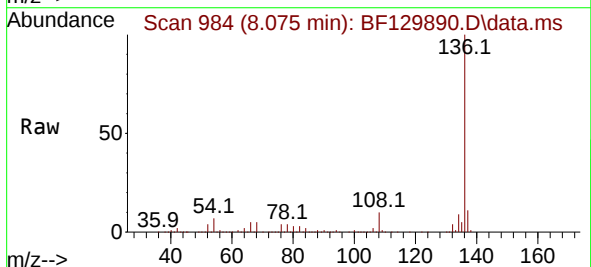
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 70 Resp: 73000
Ion Ratio Lower Upper
70 100
42 48.0 47.6 71.4
101 0.0 8.1 12.1#
130 1.7 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: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion: 136 Resp: 445490
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 6.2 9.2
68 5.1 4.2 6.4

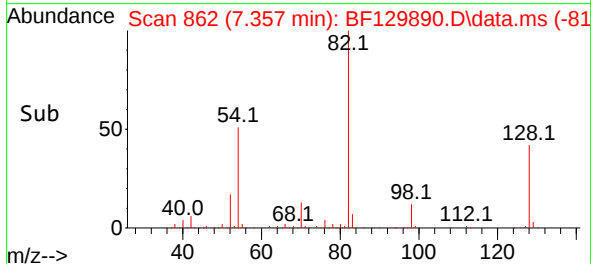
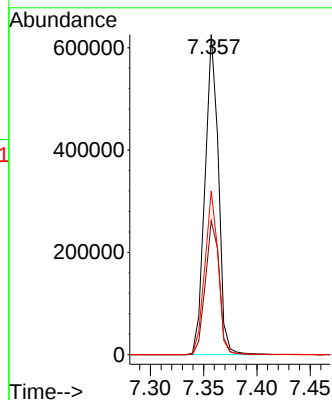
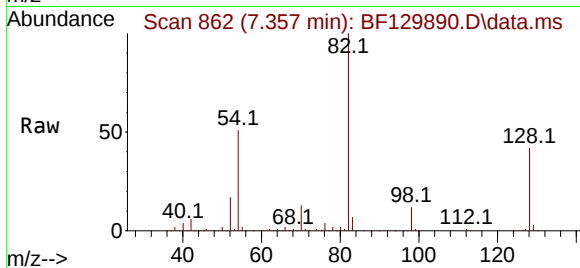




#23
Nitrobenzene-d5
Concen: 66.136 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

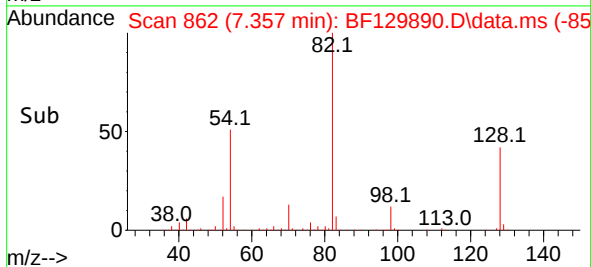
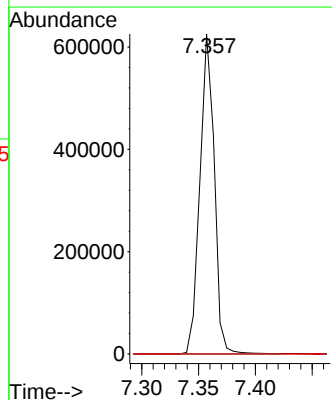
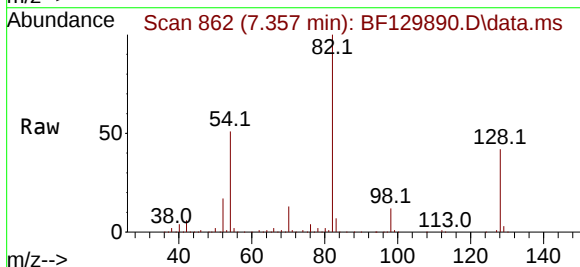
Instrument :
BNA_F
ClientSampleId :
WC-2

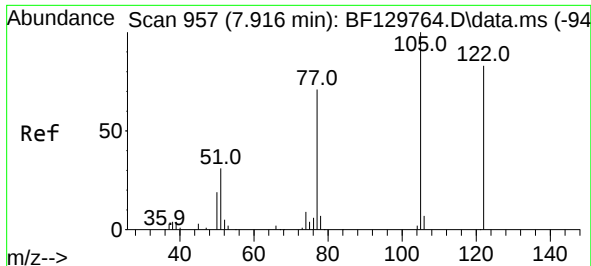
Tgt Ion: 82 Resp: 550384
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 51.2 40.0 60.0



#25
Isophorone
Concen: 38.425 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion: 82 Resp: 550371
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

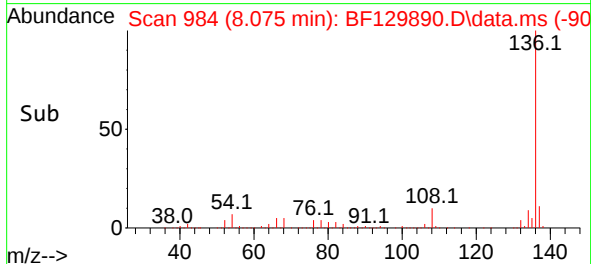
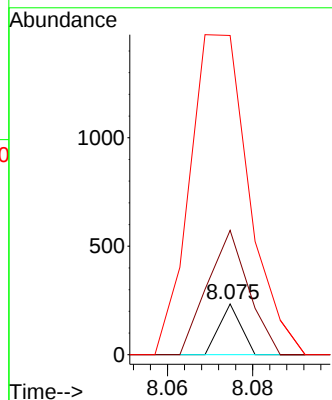
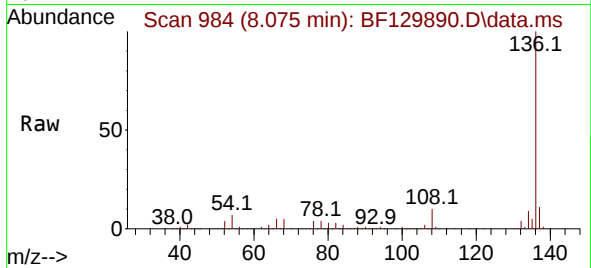




#32
Benzoic acid
Concen: 2.190 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

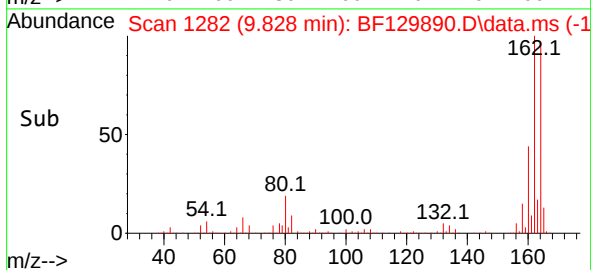
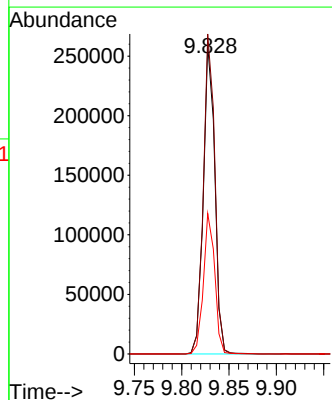
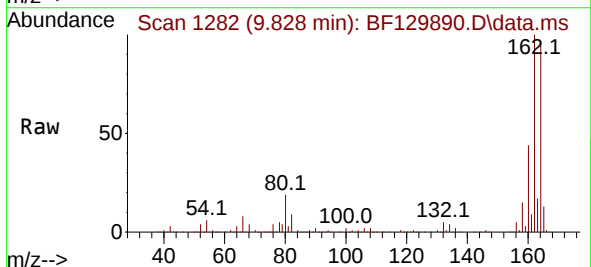
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:	122	Resp:	83
Ion	Ratio	Lower	Upper
122	100		
105	244.9	99.9	139.9#
77	628.6	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:	164	Resp:	218972
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.0	123.0
160	45.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 83.313 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129890.D

Acq: 18 Aug 2022 22:54

Instrument :

BNA_F

ClientSampleId :

WC-2

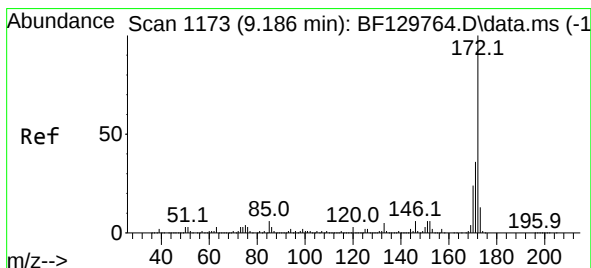
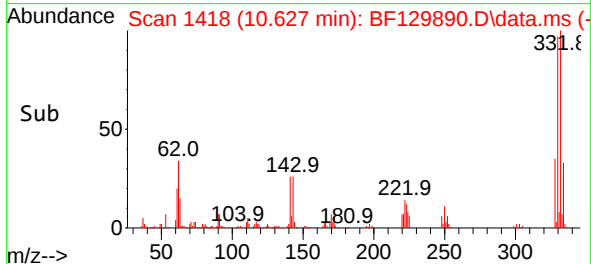
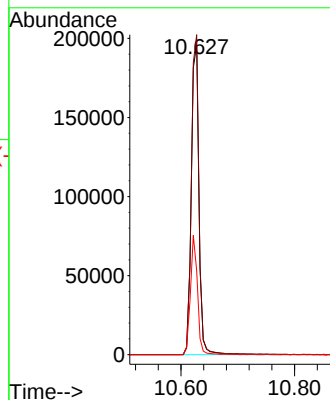
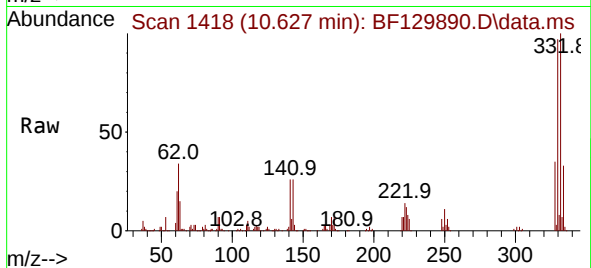
Tgt Ion:330 Resp: 183097

Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 66.034 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129890.D

Acq: 18 Aug 2022 22:54

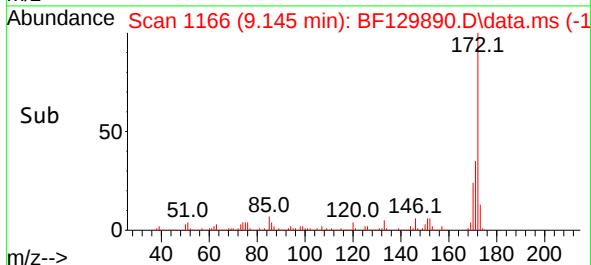
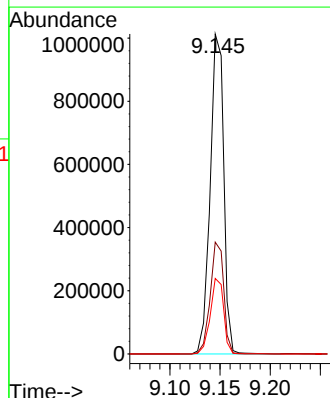
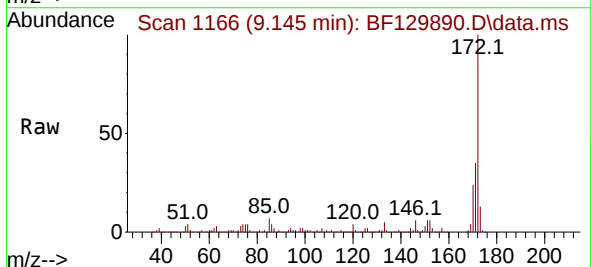
Tgt Ion:172 Resp: 952032

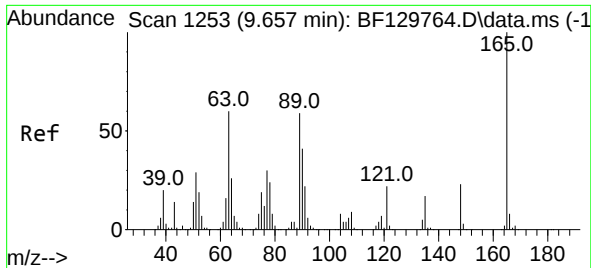
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.1 28.7

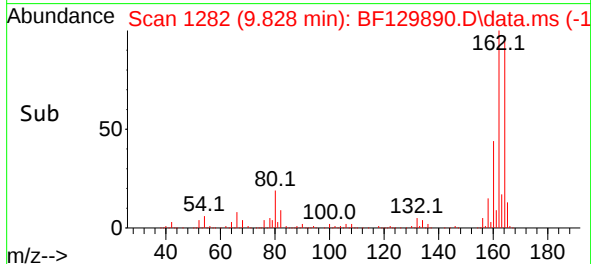
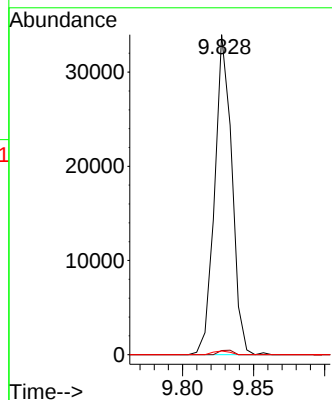
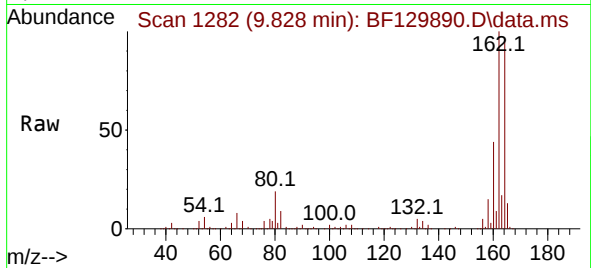




#51
2,6-Dinitrotoluene
Concen: 8.402 ng
RT: 9.828 min Scan# 1282
Delta R.T. 0.200 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

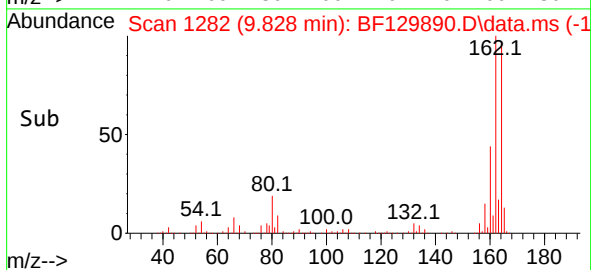
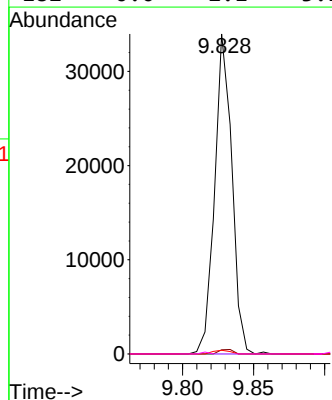
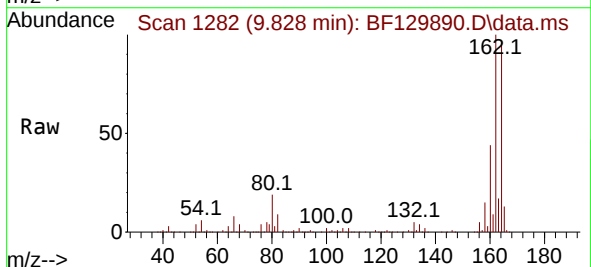
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:165 Resp: 28611
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.473 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:165 Resp: 28611
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

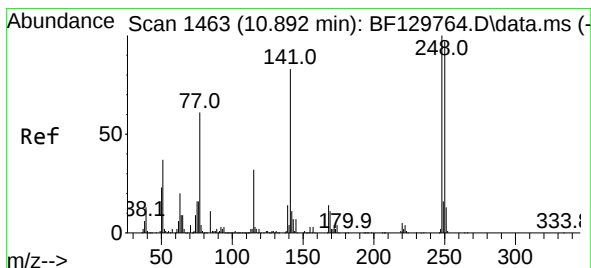
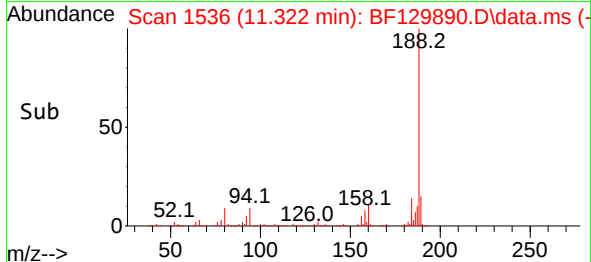
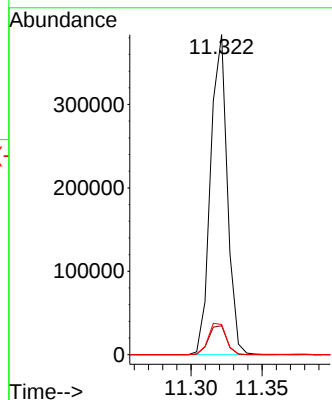
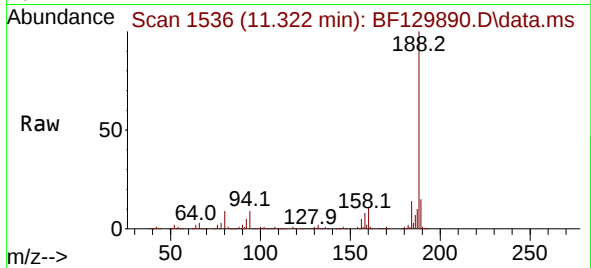




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

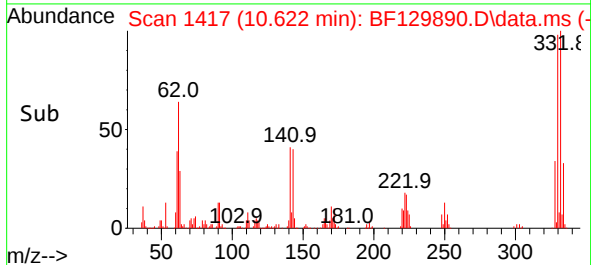
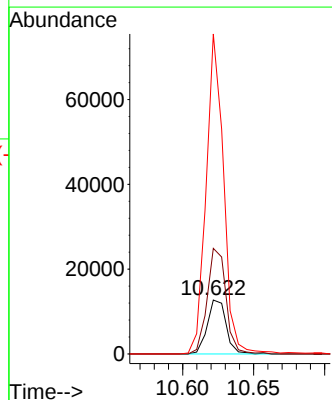
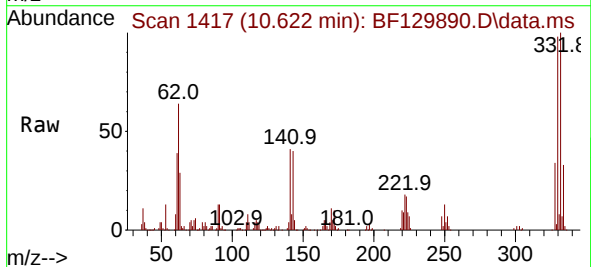
Instrument :
BNA_F
ClientSampleId :
WC-2

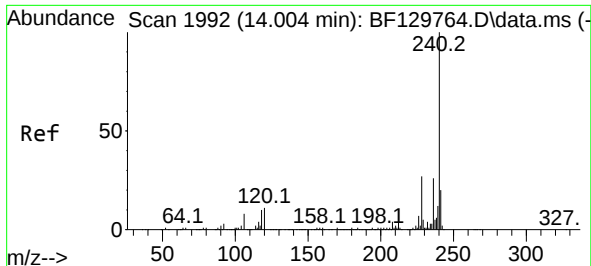
Tgt Ion:188 Resp: 315114
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.184 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.241 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:248 Resp: 11753
Ion Ratio Lower Upper
248 100
250 196.1 77.8 116.6#
141 593.9 66.2 99.2#

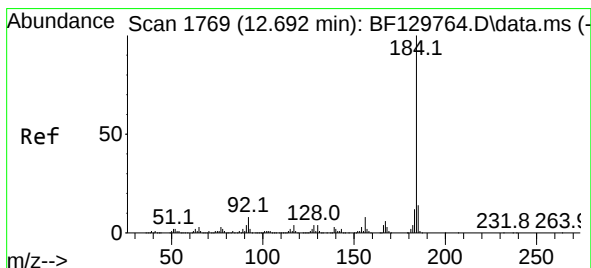
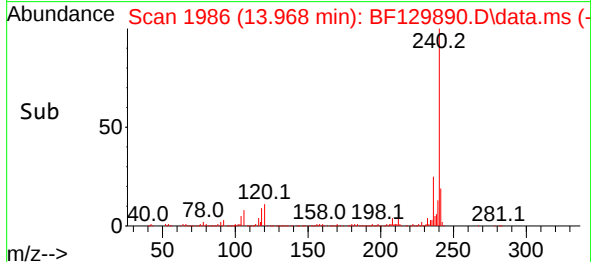
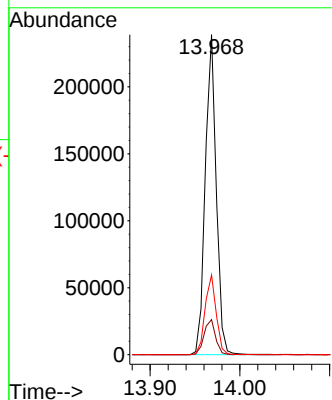
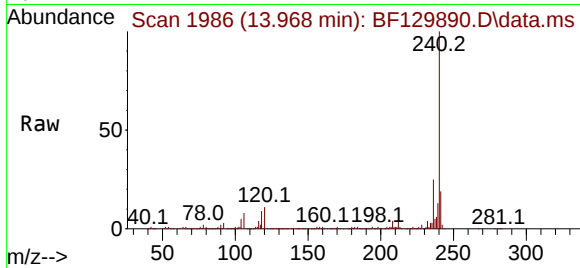




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

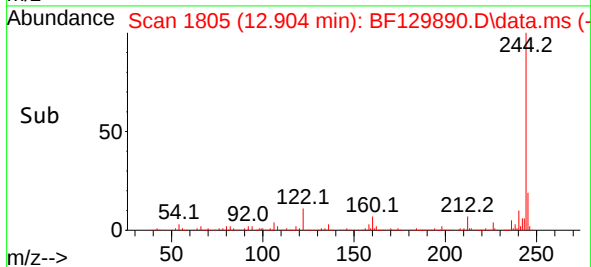
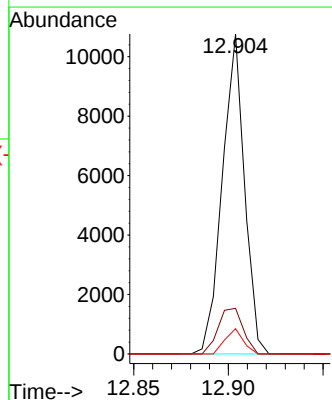
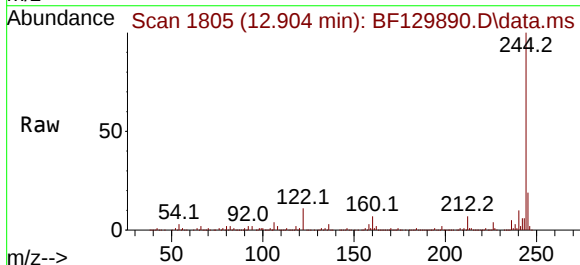
Instrument :
BNA_F
ClientSampleId :
WC-2

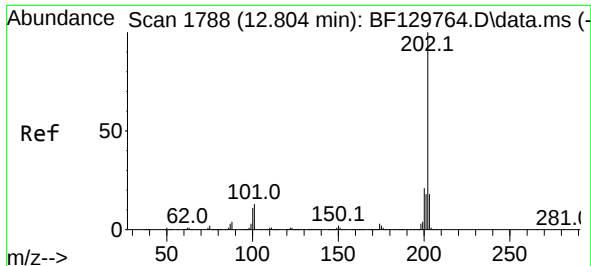
Tgt Ion:240 Resp: 202371
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 24.9 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.904 min Scan# 1805
Delta R.T. 0.241 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:184 Resp: 8751
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 7.9 9.4 14.2#

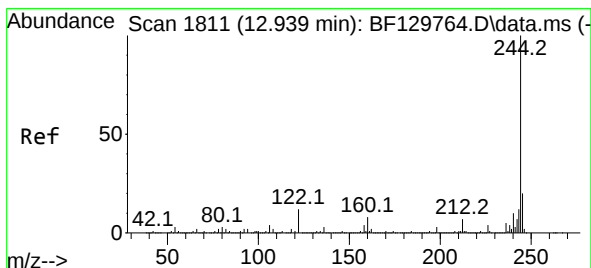
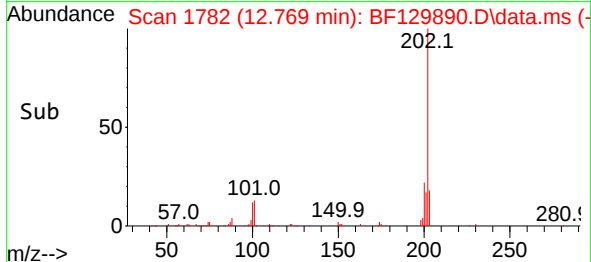
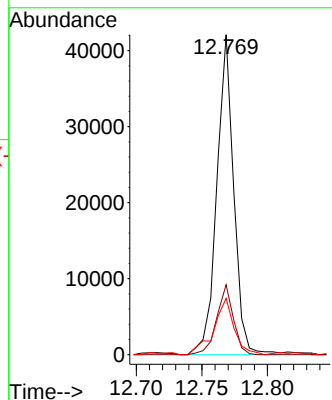
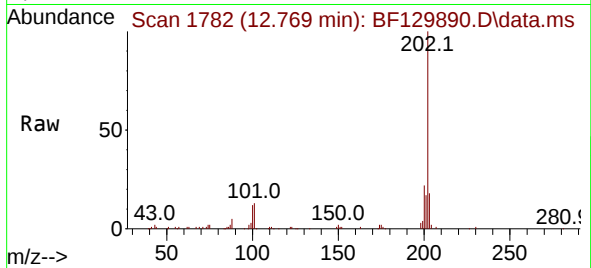




#78
Pyrene
Concen: 2.151 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

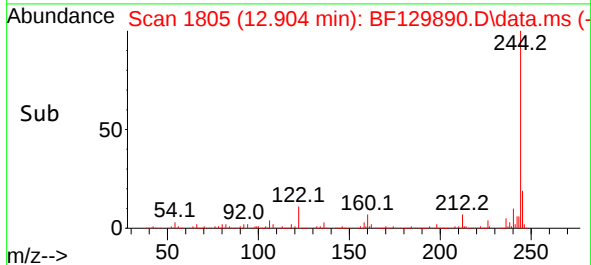
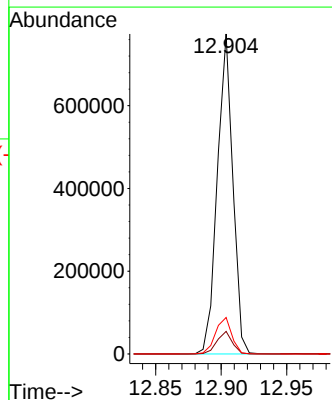
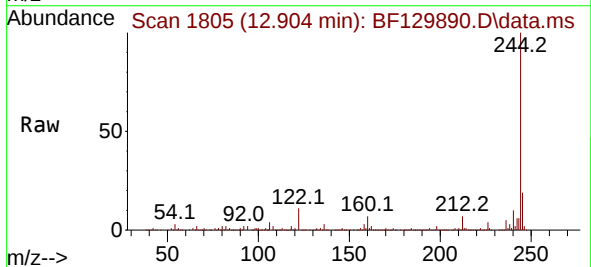
Instrument :
BNA_F
ClientSampleId :
WC-2

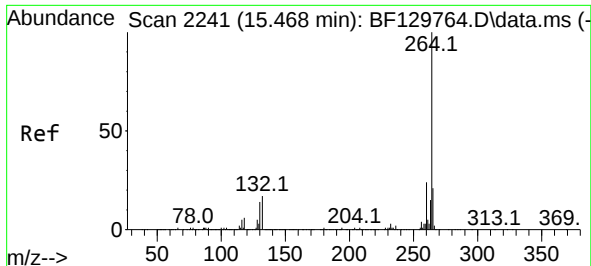
Tgt Ion:202 Resp: 37819
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 17.6 14.1 21.1



#79
Terphenyl-d14
Concen: 52.375 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Tgt Ion:244 Resp: 637000
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.4 9.9 14.9

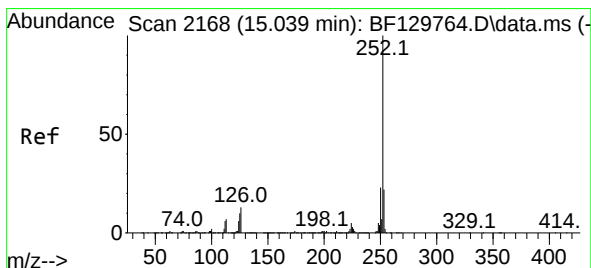
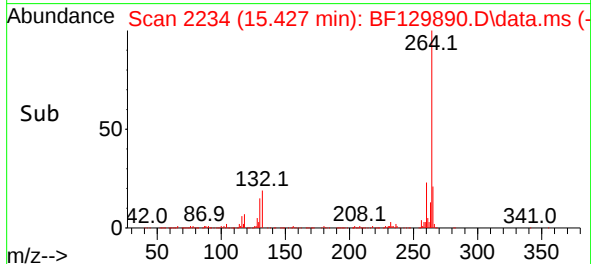
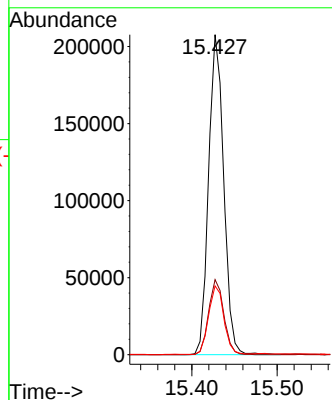
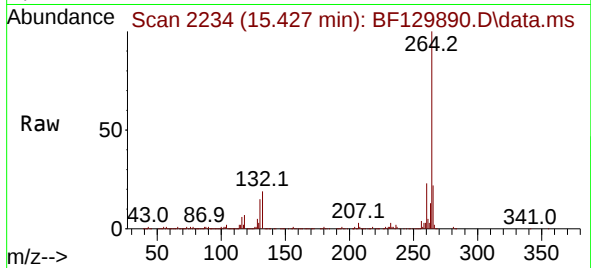




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

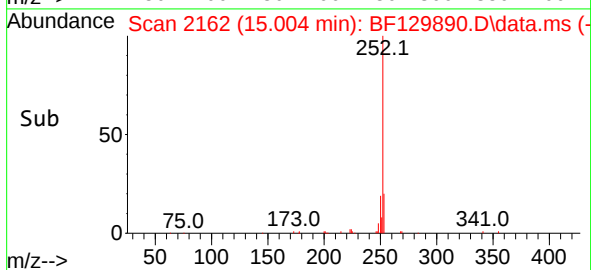
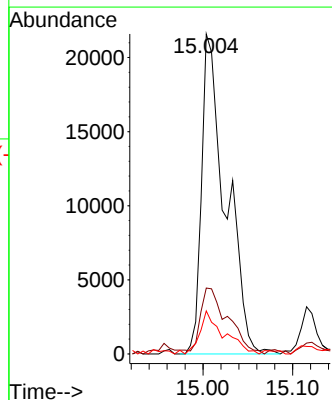
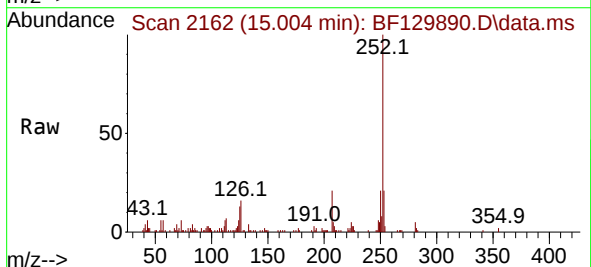
Instrument :
BNA_F
ClientSampleId :
WC-2

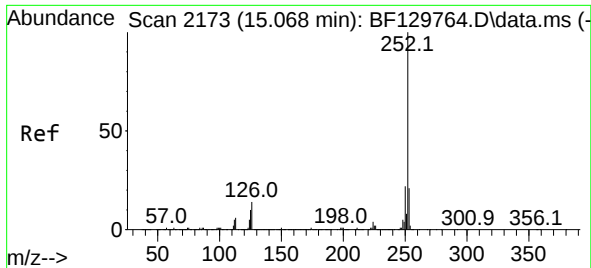
Tgt Ion:264 Resp: 255631
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.5 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 2.305 ng
RT: 15.004 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

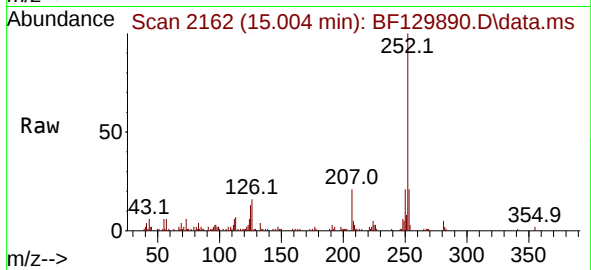
Tgt Ion:252 Resp: 40349
Ion Ratio Lower Upper
252 100
253 20.6 17.5 26.3
125 13.4 8.3 12.5#





#89
Benzo(k)fluoranthene
Concen: 2.404 ng
RT: 15.004 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF129890.D
Acq: 18 Aug 2022 22:54

Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:252 Resp: 40349
Ion Ratio Lower Upper
252 100
253 20.6 17.1 25.7
125 13.4 8.3 12.5#

