

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129894.D
 Acq On : 19 Aug 2022 01:01
 Operator : CG\JU
 Sample : N4211-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 19 01:51:30 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)

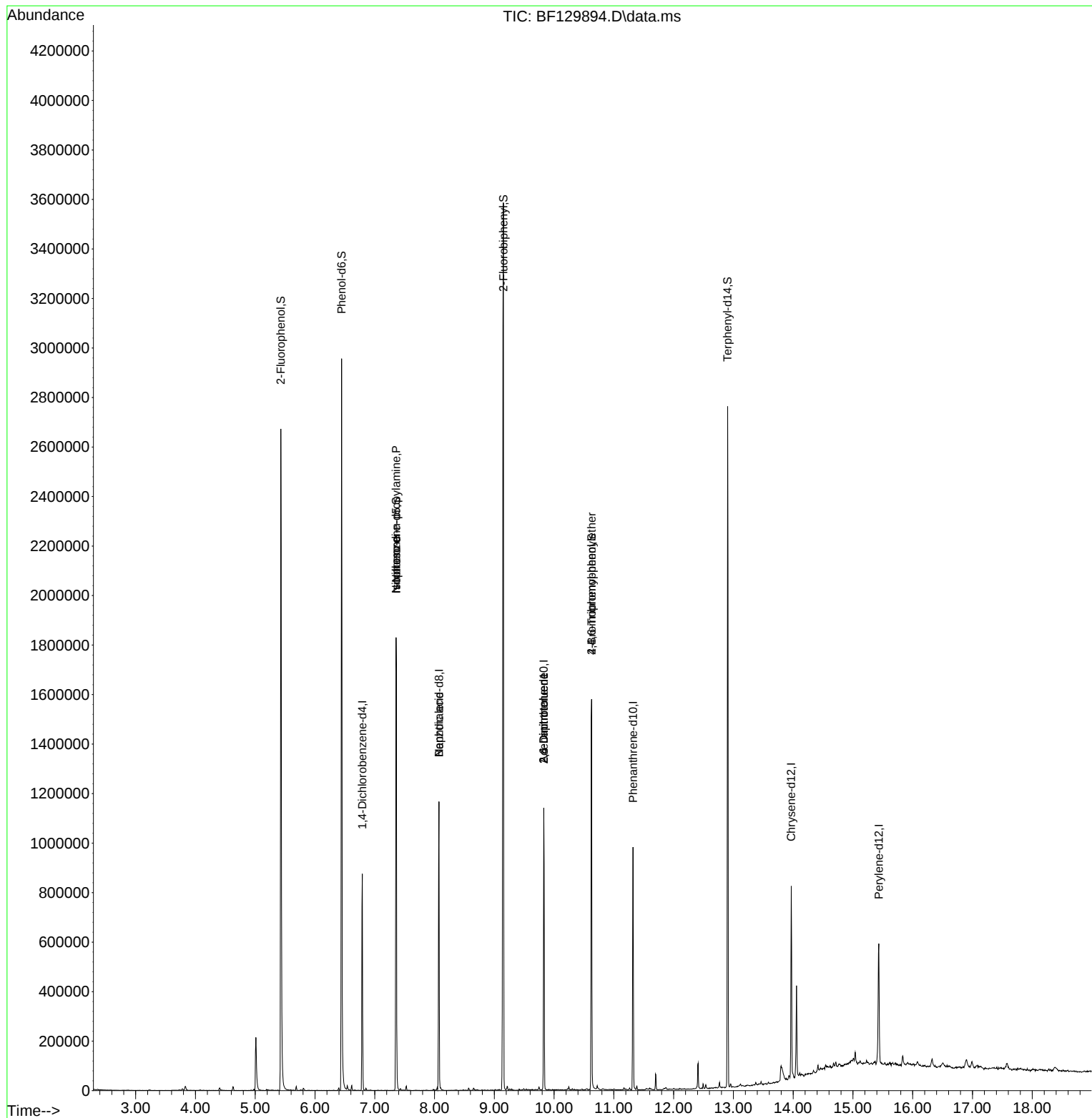
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	127299	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	493583	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	228307	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	318573	20.000	ng	0.00
76) Chrysene-d12	13.968	240	255446	20.000	ng	0.00
86) Perylene-d12	15.433	264	219448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	770399	100.201	ng	0.00
7) Phenol-d6	6.445	99	953512	99.033	ng	0.00
23) Nitrobenzene-d5	7.357	82	611017	66.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	186180	81.252	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1106939	73.639	ng	0.00
79) Terphenyl-d14	12.904	244	891280	58.057	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.386	77	60	Below Cal	#	52
19) n-Nitroso-di-n-propyla...	7.357	70	81334	13.364	ng	# 78
25) Isophorone	7.357	82	611009	38.502	ng	# 65
32) Benzoic acid	8.075	122	55	2.173	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	29314	8.257	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	29314	6.361	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	11788	3.159	ng	# 1
77) Benzidine	12.674	184	553	Below Cal	#	67

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

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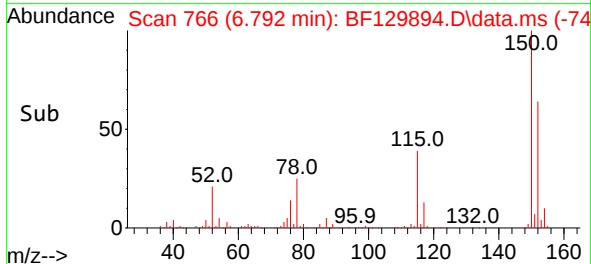
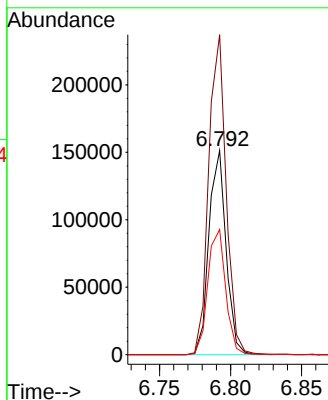
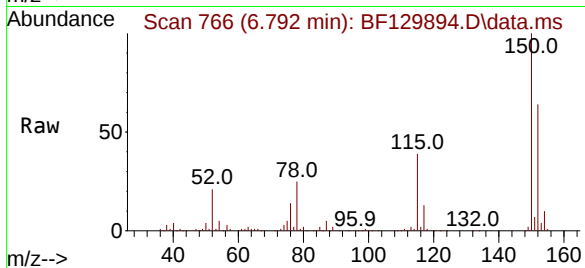




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

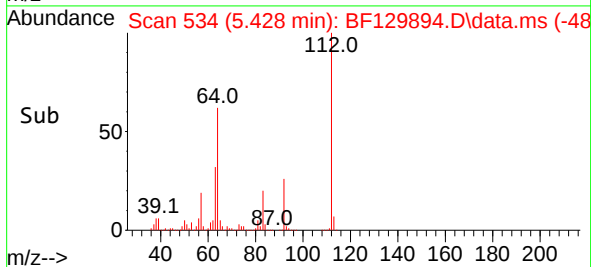
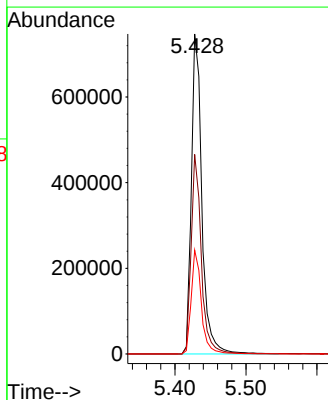
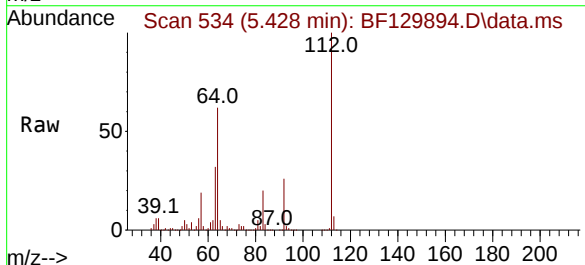
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 127299
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 61.3 53.4 80.0



#5
2-Fluorophenol
Concen: 100.201 ng
RT: 5.428 min Scan# 534
Delta R.T. -0.000 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

Tgt Ion:112 Resp: 770399
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 32.5 24.6 37.0

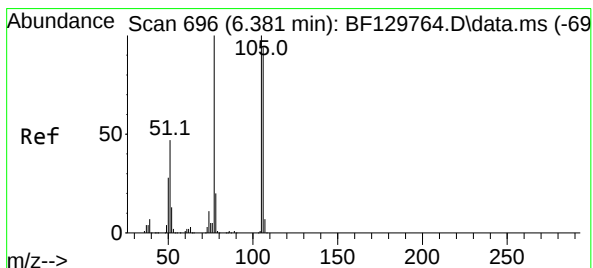
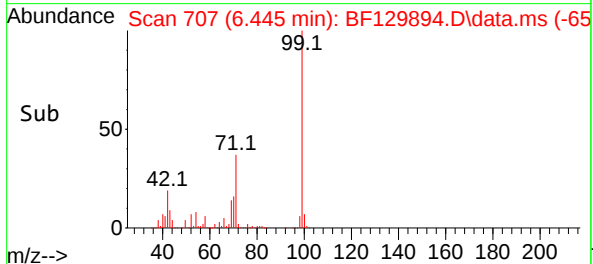
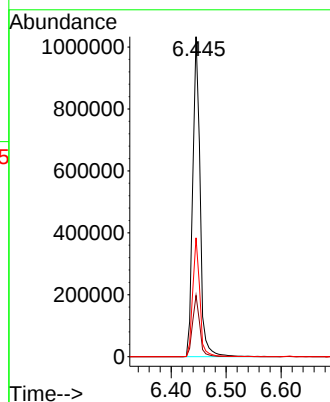
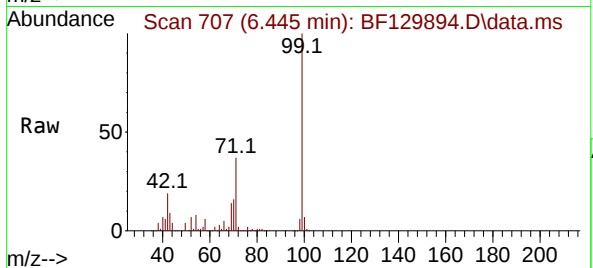




#7
Phenol-d6
Concen: 99.033 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

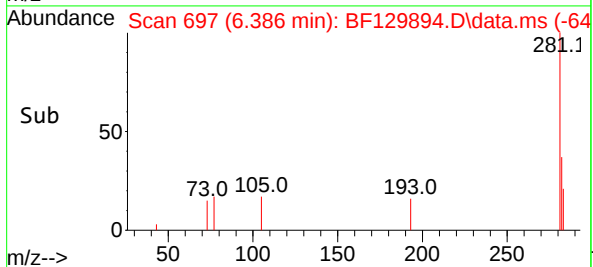
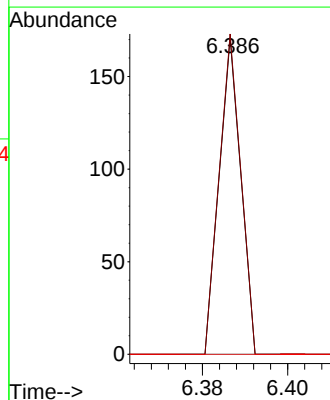
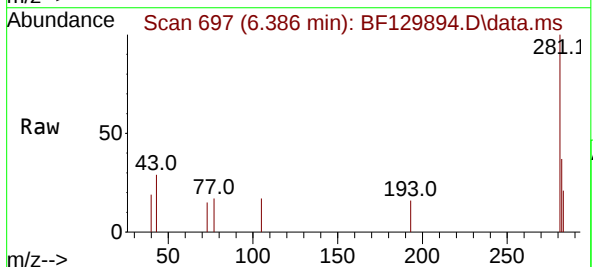
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 953512
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 37.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.386 min Scan# 697
Delta R.T. 0.035 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

Tgt Ion: 77 Resp: 60
Ion Ratio Lower Upper
77 100
105 101.2 80.3 120.3
106 0.0 74.3 114.3#

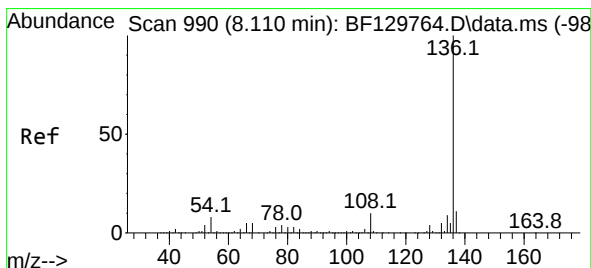
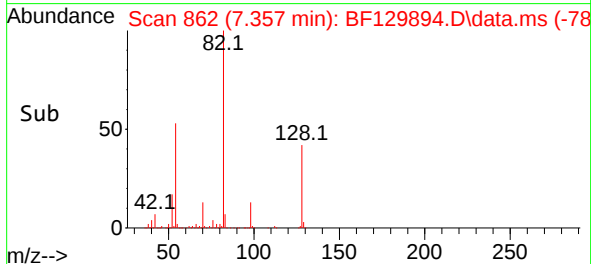
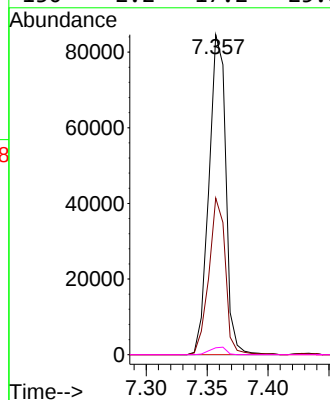
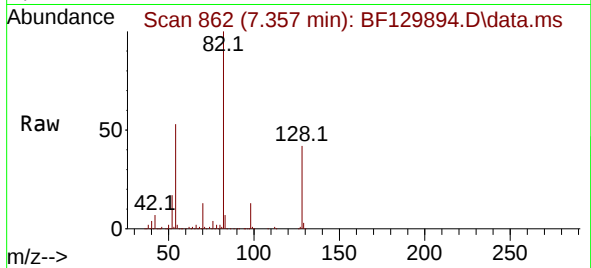




#19
n-Nitroso-di-n-propylamine
Concen: 13.364 ng
RT: 7.357 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

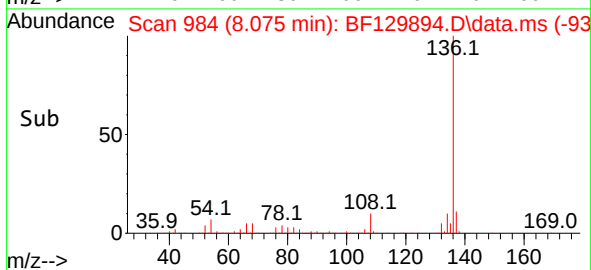
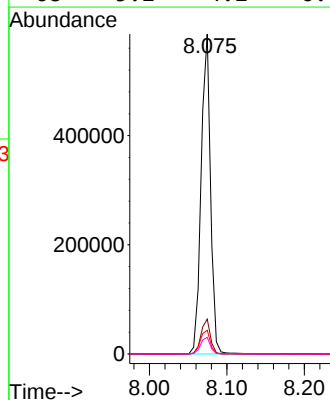
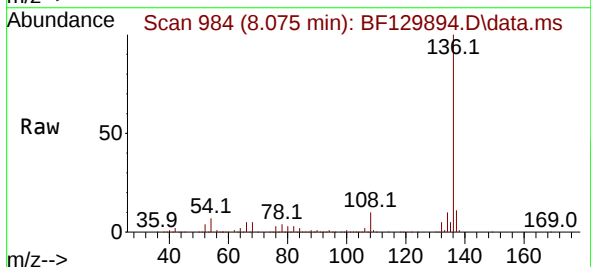
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 70 Resp: 81334
Ion Ratio Lower Upper
70 100
42 48.9 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: BF129894.D
Acq: 19 Aug 2022 01:01

Tgt Ion:136 Resp: 493583
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 6.2 9.2
68 5.2 4.2 6.4

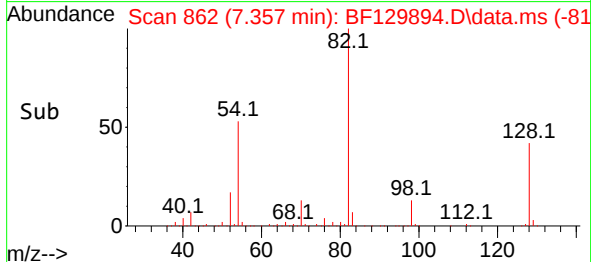
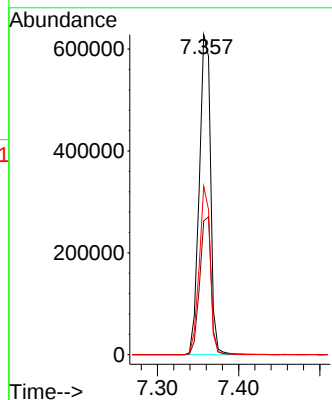
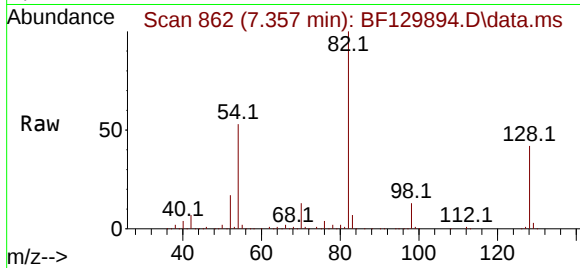




#23
Nitrobenzene-d5
Concen: 66.268 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

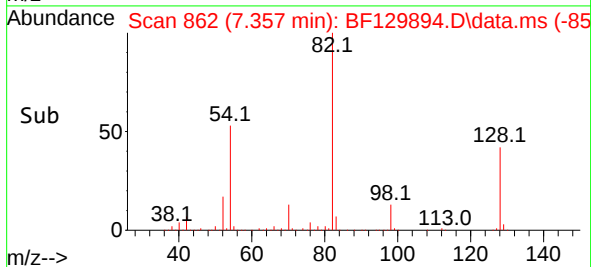
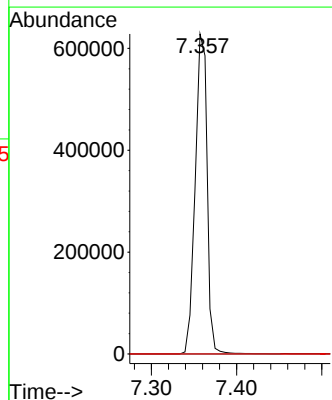
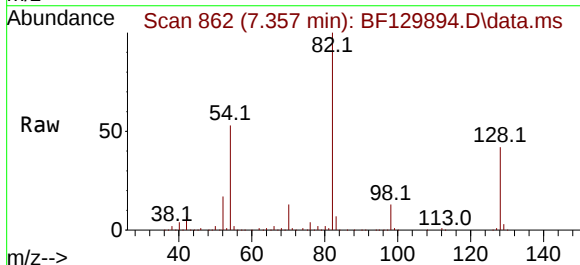
Instrument :
BNA_F
ClientSampleId :
WC-1

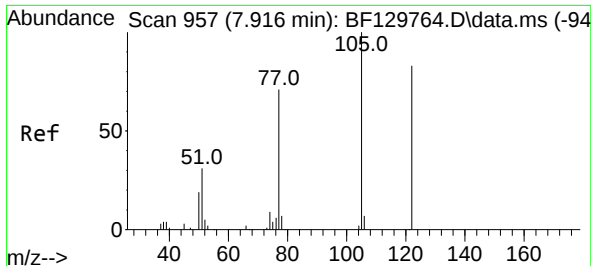
Tgt Ion: 82 Resp: 611017
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 52.6 40.0 60.0



#25
Isophorone
Concen: 38.502 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

Tgt Ion: 82 Resp: 611009
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

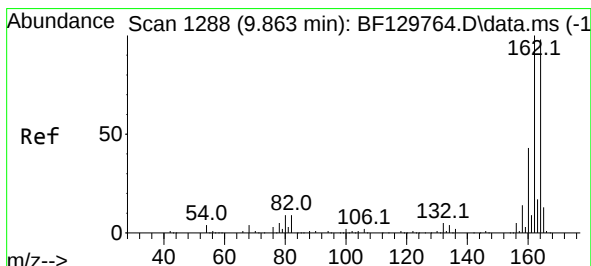
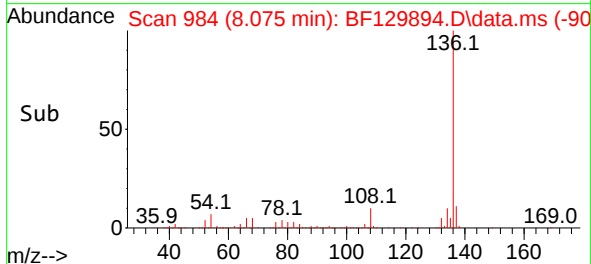
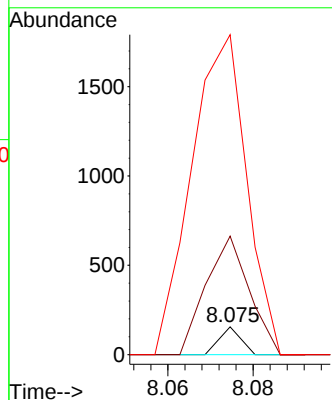
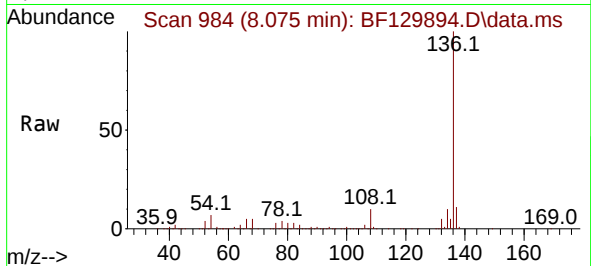




#32
Benzoic acid
Concen: 2.173 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

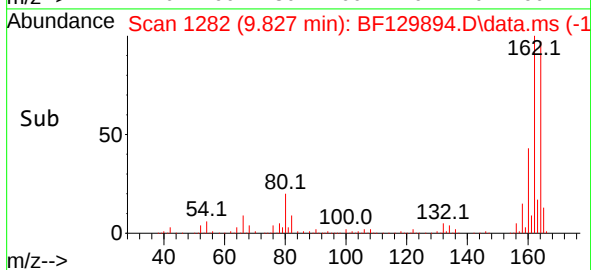
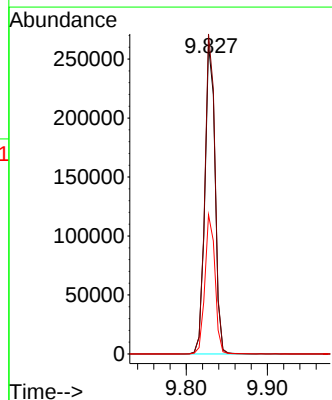
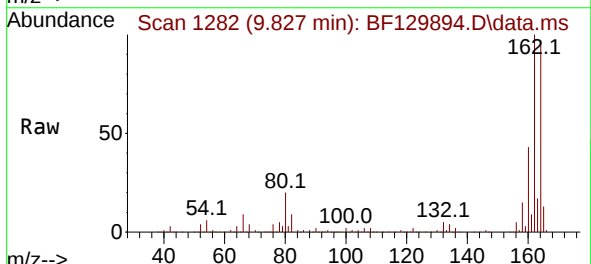
Instrument :
BNA_F
ClientSampleId :
WC-1

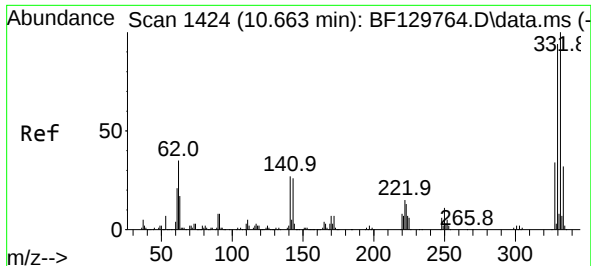
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 425.0 99.9 139.9#
77 1148.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

Tgt Ion:164 Resp: 228307
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 81.252 ng

RT: 10.627 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129894.D

Acq: 19 Aug 2022 01:01

Instrument :

BNA_F

ClientSampleId :

WC-1

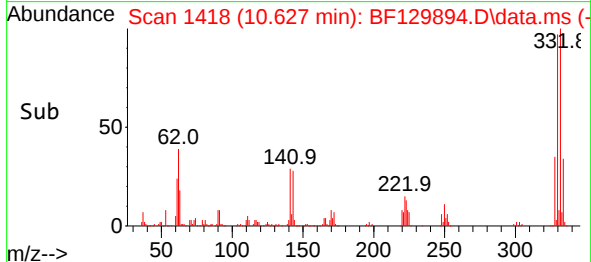
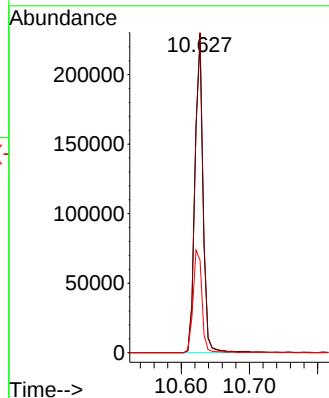
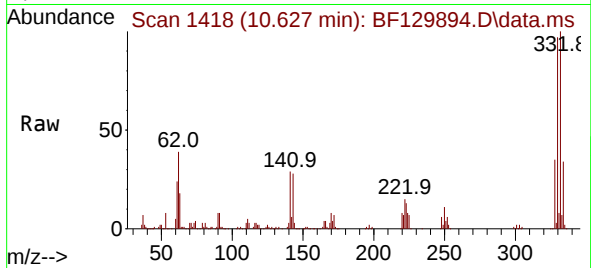
Tgt Ion:330 Resp: 186180

Ion Ratio Lower Upper

330 100

332 101.2 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 73.639 ng

RT: 9.151 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF129894.D

Acq: 19 Aug 2022 01:01

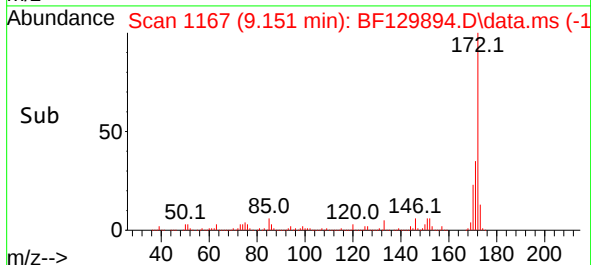
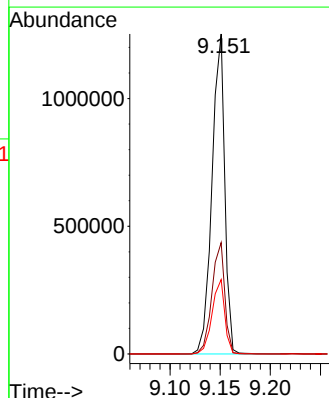
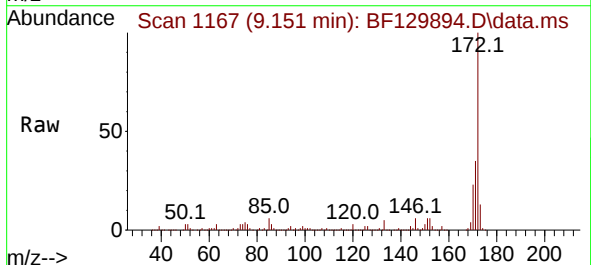
Tgt Ion:172 Resp: 1106939

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.257 ng

RT: 9.827 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129894.D

Acq: 19 Aug 2022 01:01

Instrument :

BNA_F

ClientSampleId :

WC-1

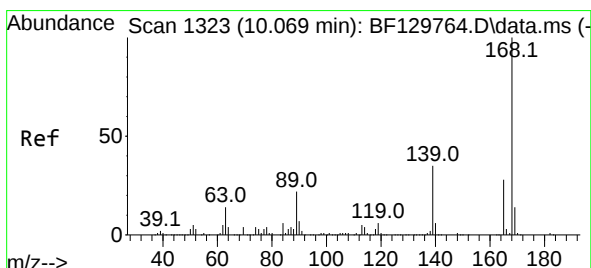
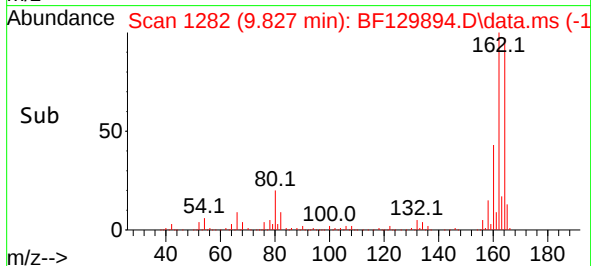
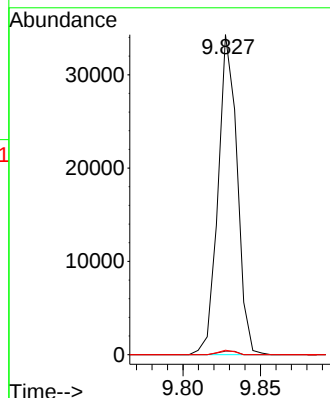
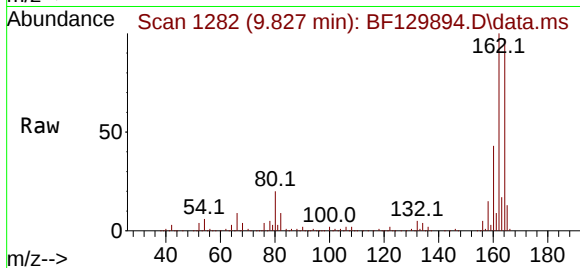
Tgt Ion:165 Resp: 29314

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.361 ng

RT: 9.827 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129894.D

Acq: 19 Aug 2022 01:01

Tgt Ion:165 Resp: 29314

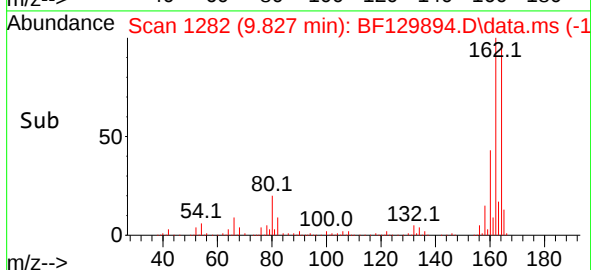
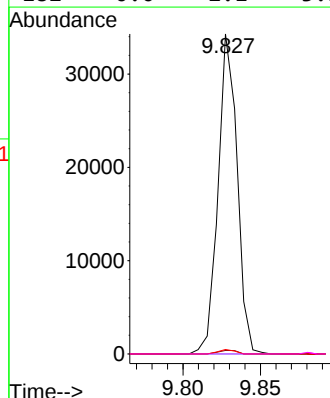
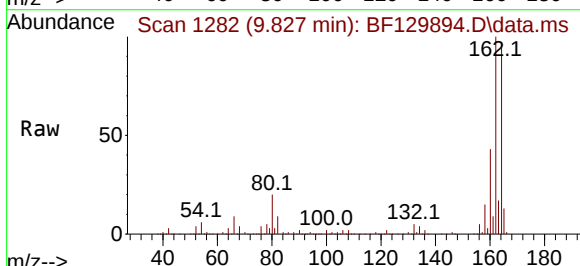
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.4 62.3 93.5#

182 0.0 2.1 3.1#

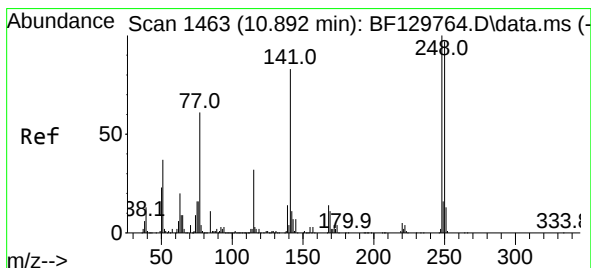
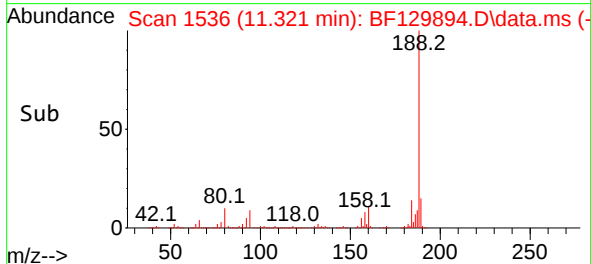
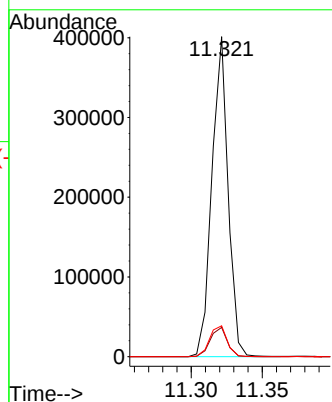
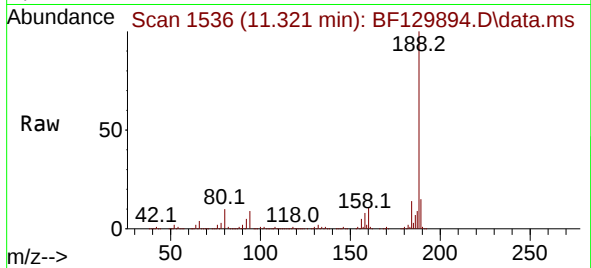




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

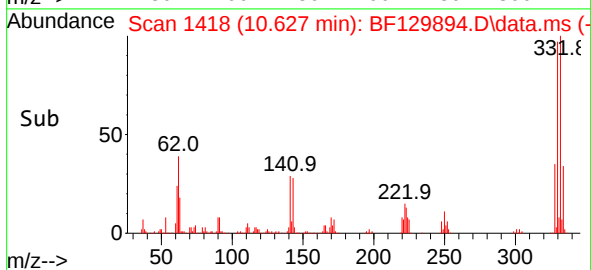
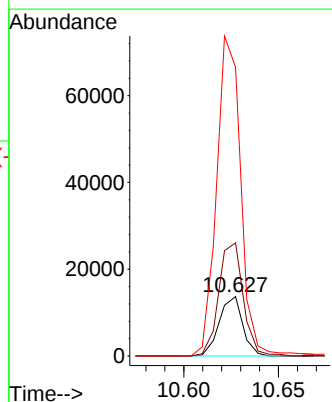
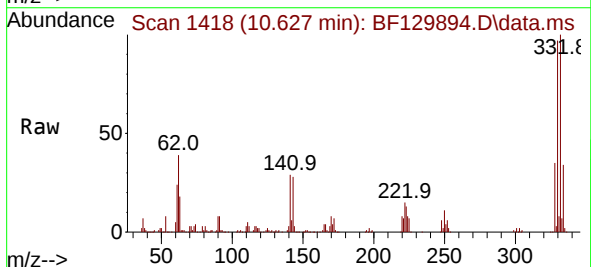
Instrument :
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WC-1

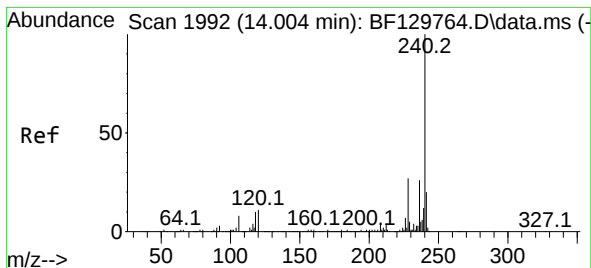
Tgt Ion:188 Resp: 318573
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.159 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129894.D
Acq: 19 Aug 2022 01:01

Tgt Ion:248 Resp: 11788
Ion Ratio Lower Upper
248 100
250 190.4 77.8 116.6#
141 485.9 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129894.D

Acq: 19 Aug 2022 01:01

Instrument :

BNA_F

ClientSampleId :

WC-1

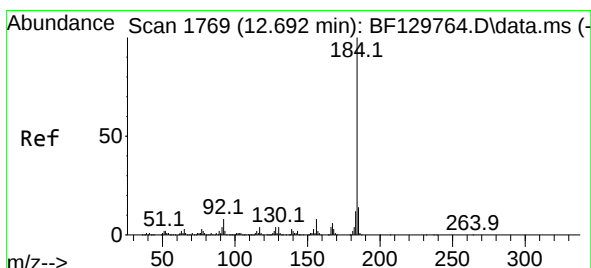
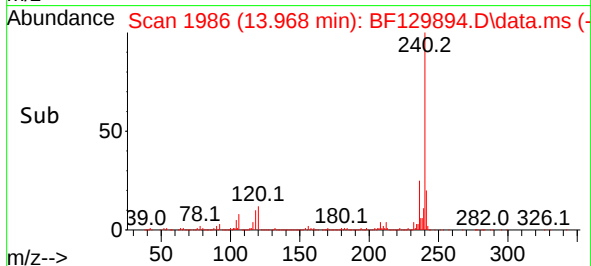
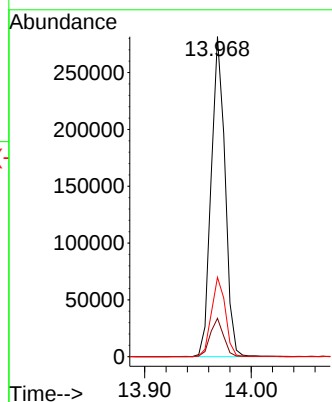
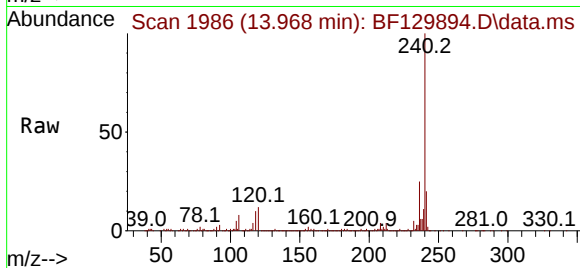
Tgt Ion:240 Resp: 255446

Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 24.8 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.674 min Scan# 1766

Delta R.T. 0.012 min

Lab File: BF129894.D

Acq: 19 Aug 2022 01:01

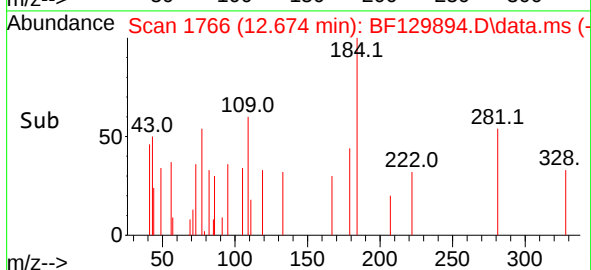
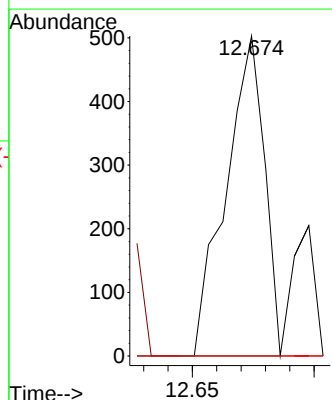
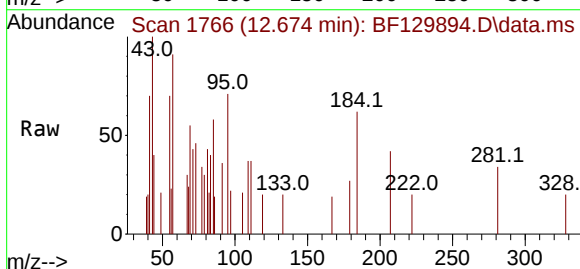
Tgt Ion:184 Resp: 553

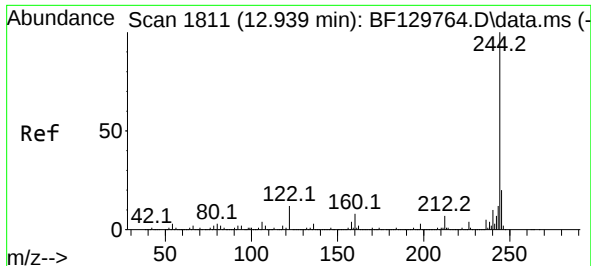
Ion Ratio Lower Upper

184 100

185 0.0 11.4 17.2#

183 0.0 9.4 14.2#

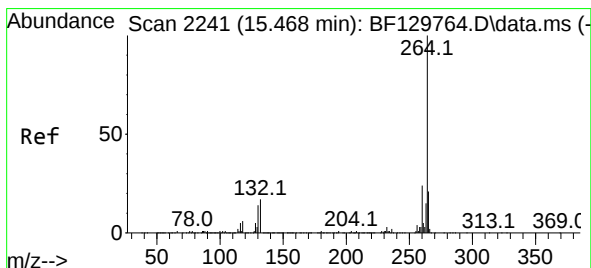
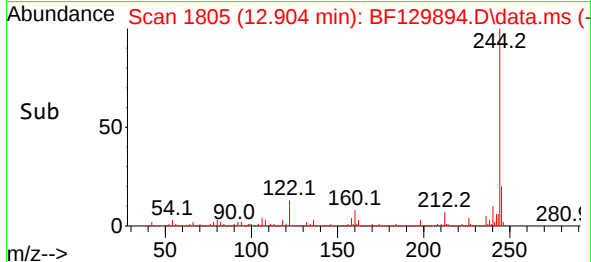
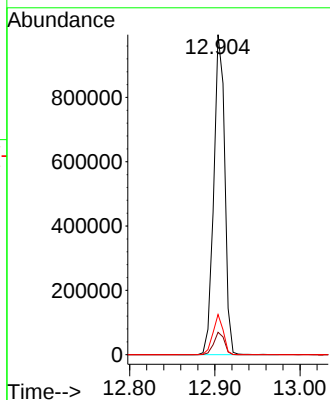
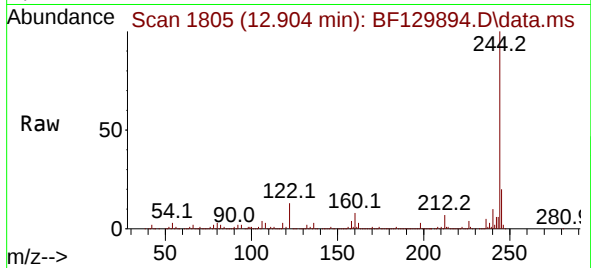




#79
 Terphenyl-d14
 Concen: 58.057 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: BF129894.D
 Acq: 19 Aug 2022 01:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 891280
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. 0.006 min
 Lab File: BF129894.D
 Acq: 19 Aug 2022 01:01

Tgt Ion:264 Resp: 219448
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.6 16.7 25.1

