

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129810.D
 Acq On : 16 Aug 2022 14:19
 Operator : CG\JU
 Sample : N3971-24RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COP-1R

Quant Time: Aug 17 02:32:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

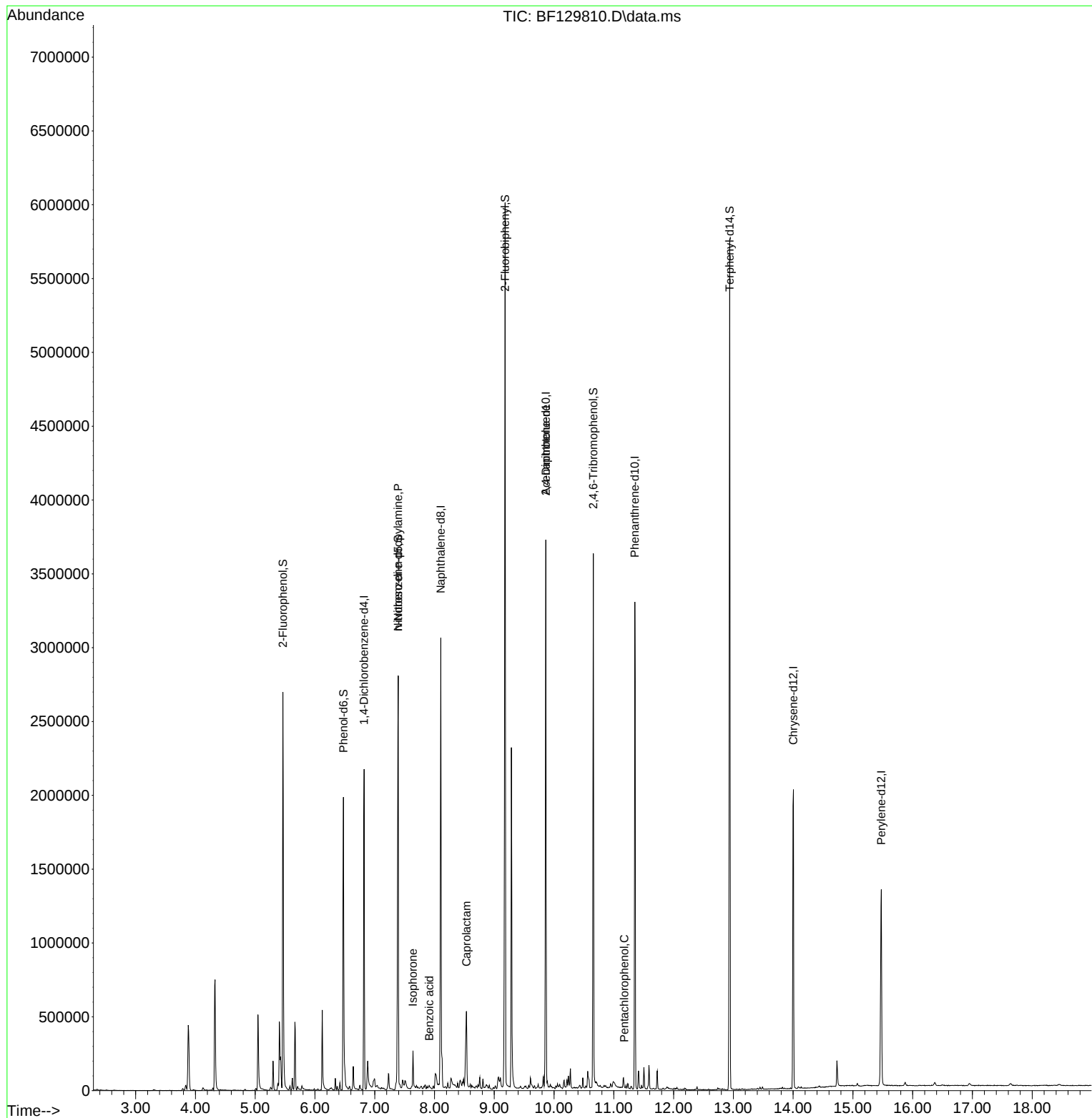
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	322598	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1301557	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	715779	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	1199986	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	698525	20.000	ng	0.00
86) Perylene-d12	15.474	264	607980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	755555	38.778	ng	0.00
7) Phenol-d6	6.475	99	671746	27.531	ng	0.00
23) Nitrobenzene-d5	7.393	82	989112	40.681	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	405693	56.472	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1829517	38.820	ng	0.00
79) Terphenyl-d14	12.939	244	1964831	46.804	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	1381	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.393	70	134273	8.706	ng	# 75
25) Isophorone	7.640	82	91278	2.181	ng	99
32) Benzoic acid	7.910	122	3692	2.776	ng	# 20
35) Caprolactam	8.534	113	79525	13.523	ng	97
57) 2,4-Dinitrotoluene	9.863	165	95165	6.586	ng	# 18
70) Pentachlorophenol	11.175	266	259	5.235	ng	# 12
77) Benzidine	12.939	184	27554	Below Cal	#	92

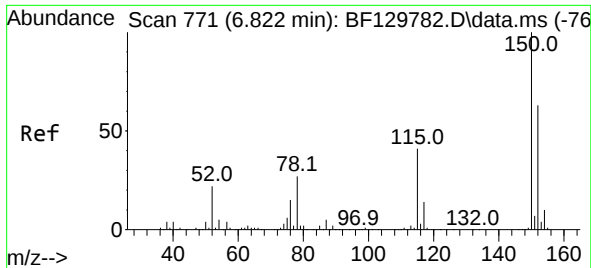
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129810.D
Acq On : 16 Aug 2022 14:19
Operator : CG\JU
Sample : N3971-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COP-1R

Quant Time: Aug 17 02:32:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

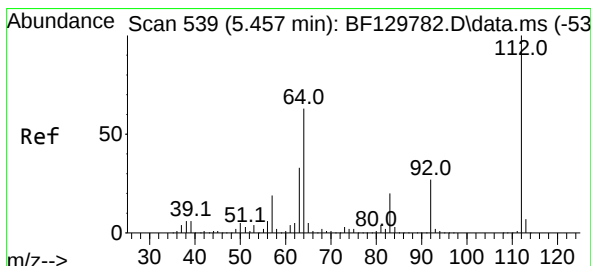
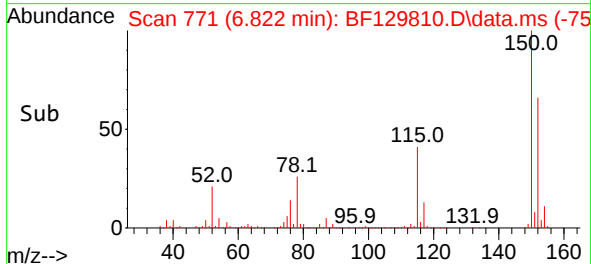
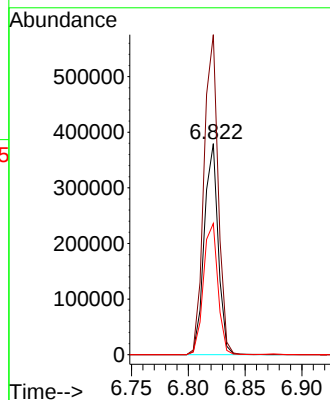
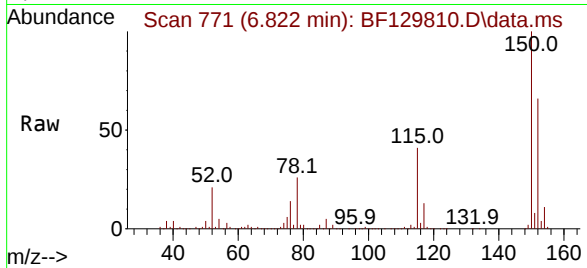




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

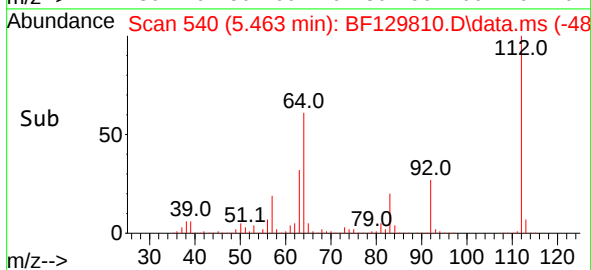
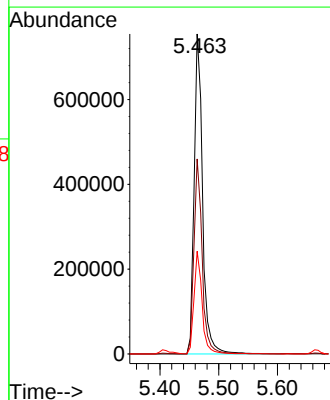
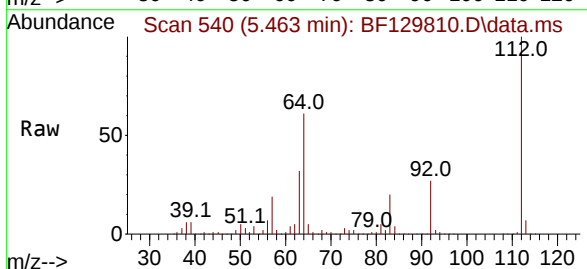
Instrument :
BNA_F
ClientSampleId :
COP-1R

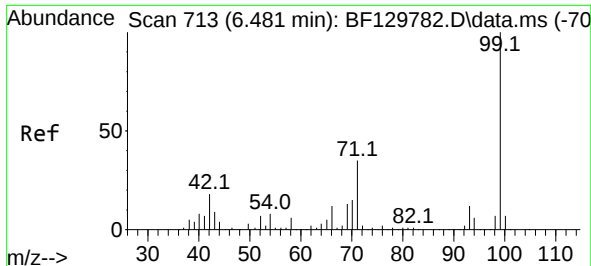
Tgt Ion:152 Resp: 322598
Ion Ratio Lower Upper
152 100
150 151.6 126.9 190.3
115 62.2 53.4 80.0



#5
2-Fluorophenol
Concen: 38.778 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

Tgt Ion:112 Resp: 755555
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.1 24.6 37.0

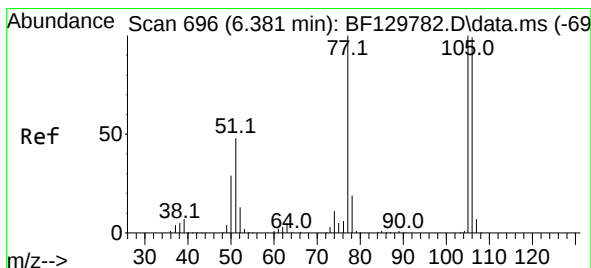
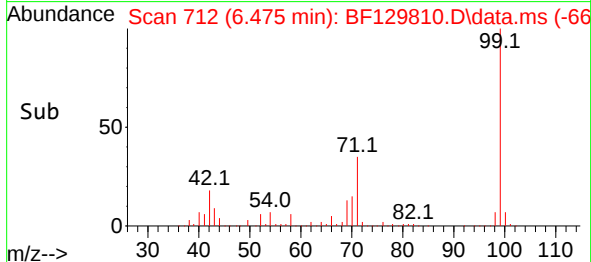
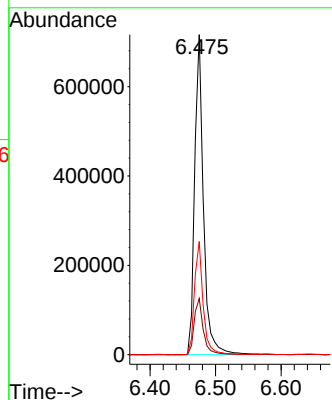
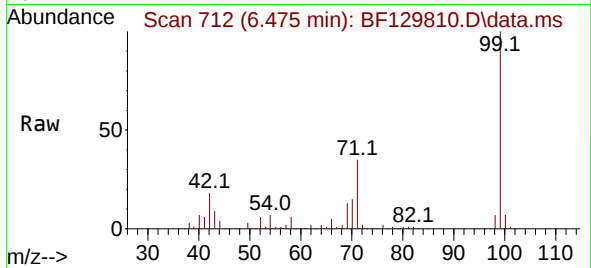




#7
Phenol-d6
Concen: 27.531 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

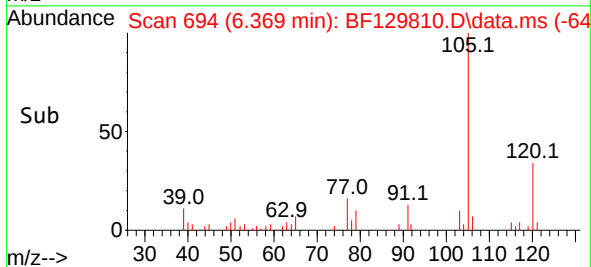
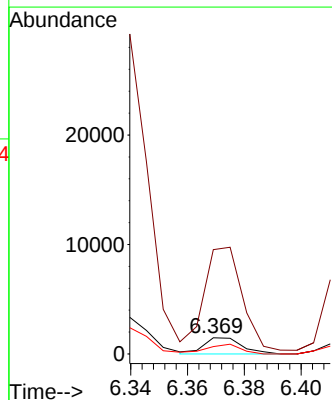
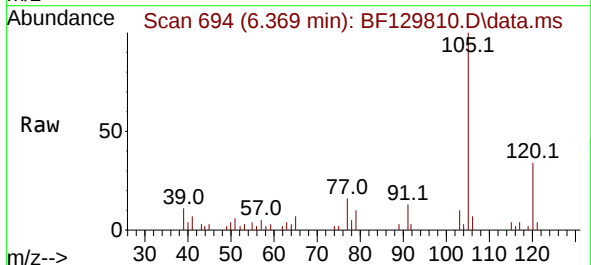
Instrument :
BNA_F
ClientSampleId :
COP-1R

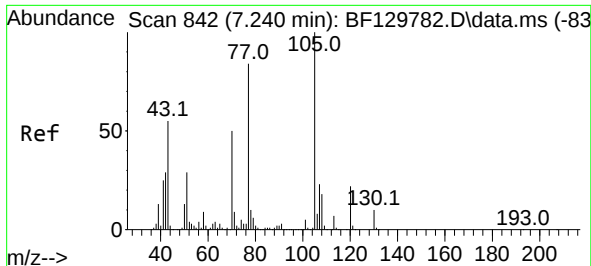
Tgt Ion: 99 Resp: 671746
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 35.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. -0.012 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

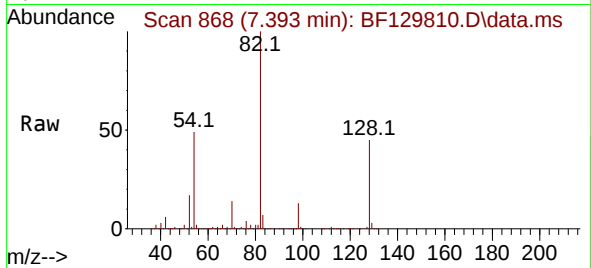
Tgt Ion: 77 Resp: 1381
Ion Ratio Lower Upper
77 100
105 645.1 80.3 120.3#
106 45.3 74.3 114.3#



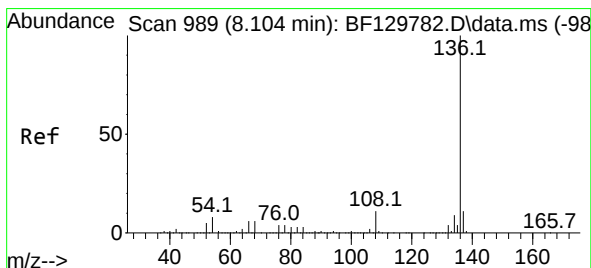
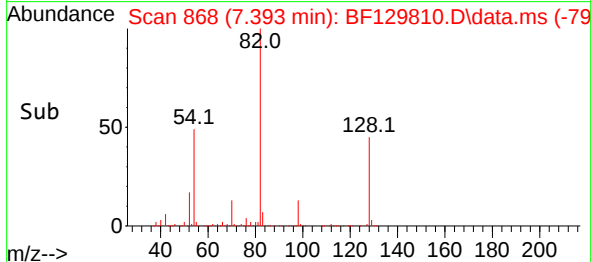
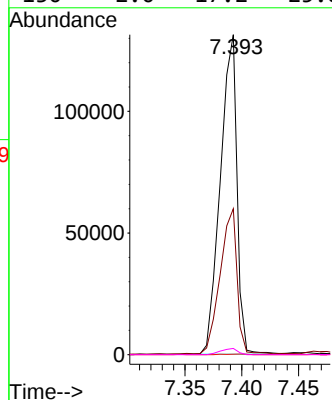


#19
n-Nitroso-di-n-propylamine
Concen: 8.706 ng
RT: 7.393 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

Instrument :
BNA_F
ClientSampleId :
COP-1R

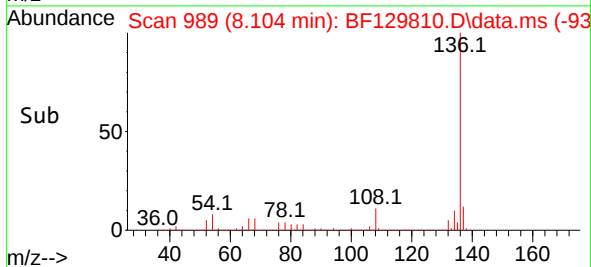
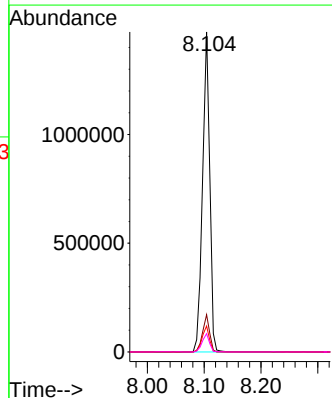
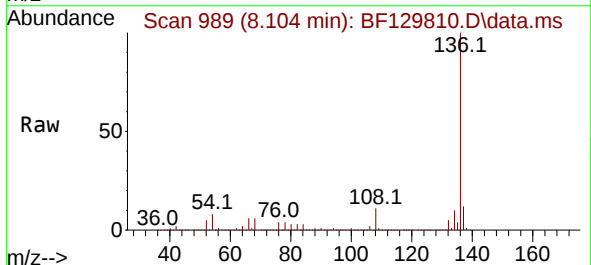


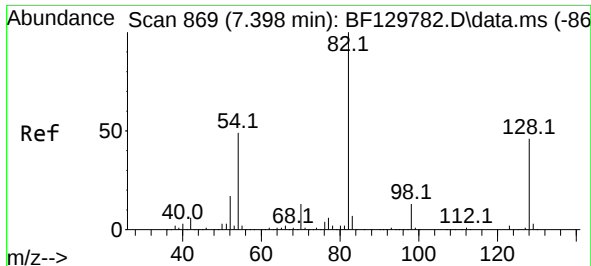
Tgt Ion: 70 Resp: 134273
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.1 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

Tgt Ion: 136 Resp: 1301557
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 8.1 6.2 9.2
68 5.7 4.2 6.4

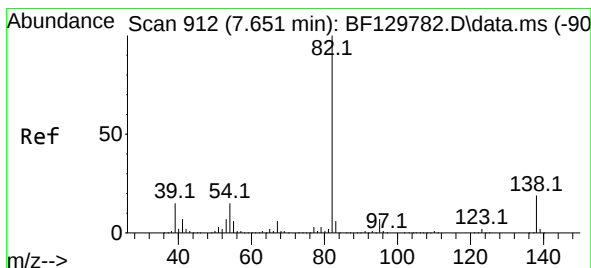
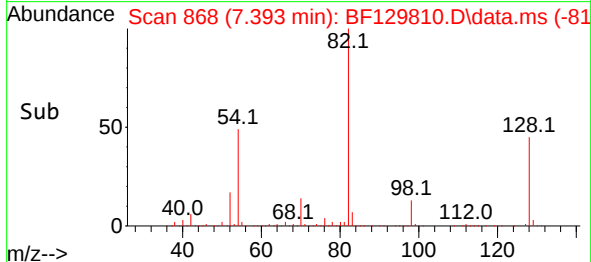
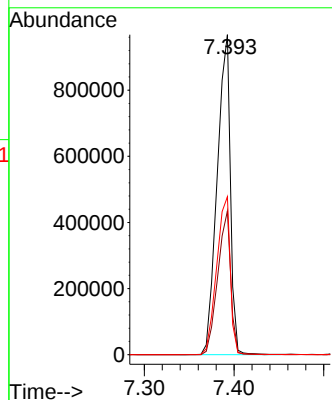
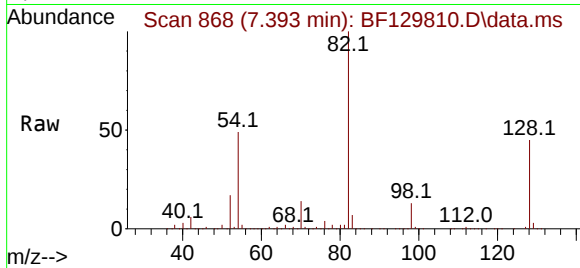




#23
Nitrobenzene-d5
Concen: 40.681 ng
RT: 7.393 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

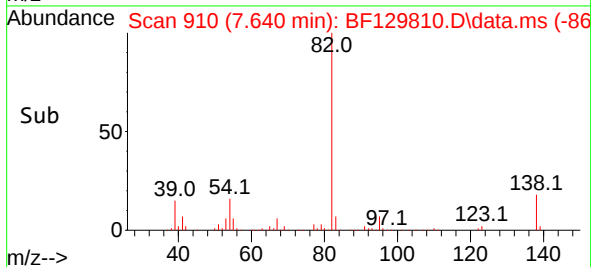
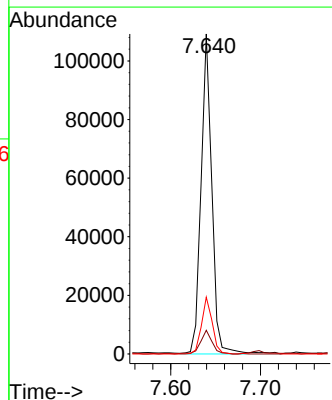
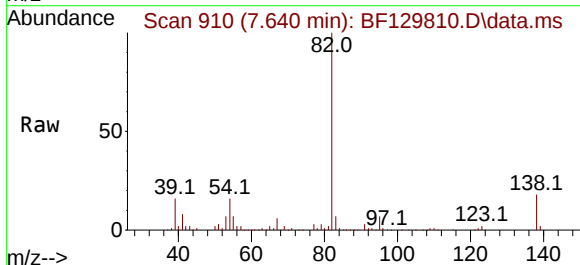
Instrument :
BNA_F
ClientSampleId :
COP-1R

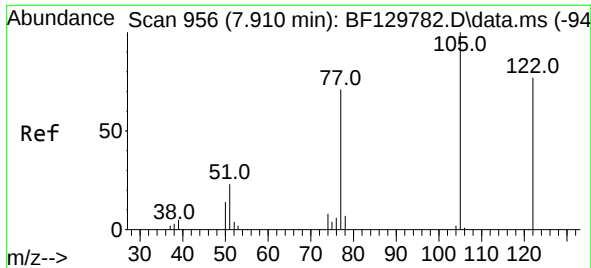
Tgt Ion: 82 Resp: 989112
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 49.3 40.0 60.0



#25
Isophorone
Concen: 2.181 ng
RT: 7.640 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

Tgt Ion: 82 Resp: 91278
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 17.7 14.6 21.8

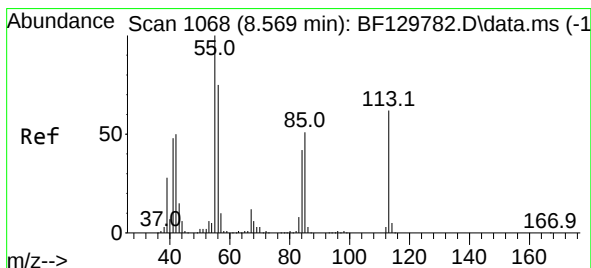
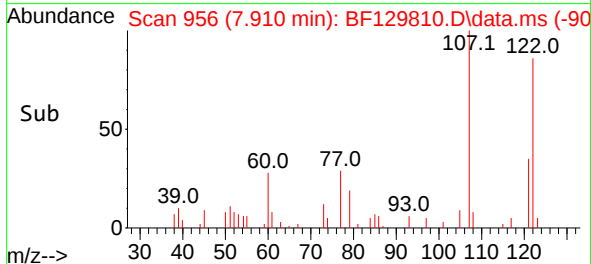
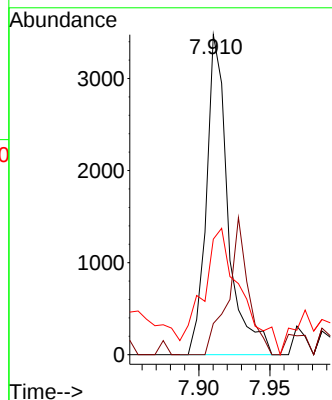
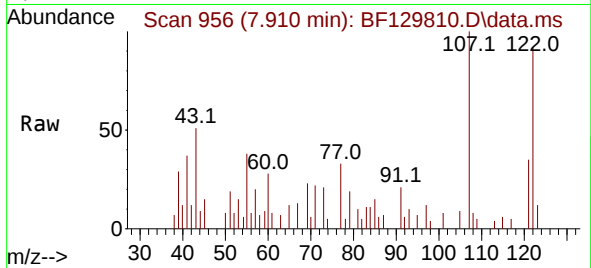




#32
Benzoic acid
Concen: 2.776 ng
RT: 7.910 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

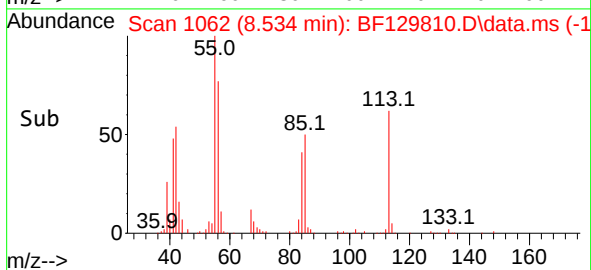
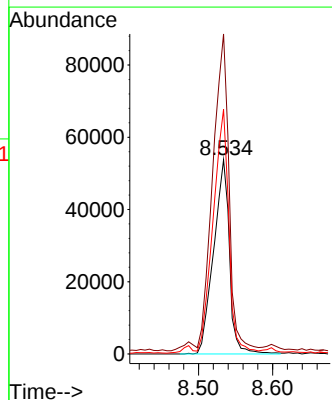
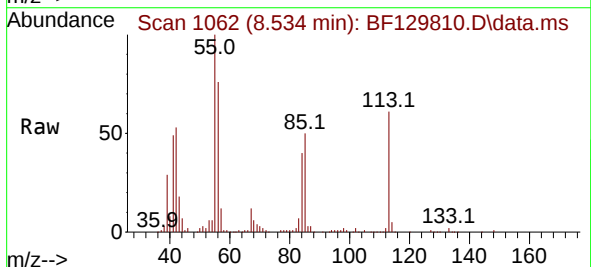
Instrument :
BNA_F
ClientSampleId :
COP-1R

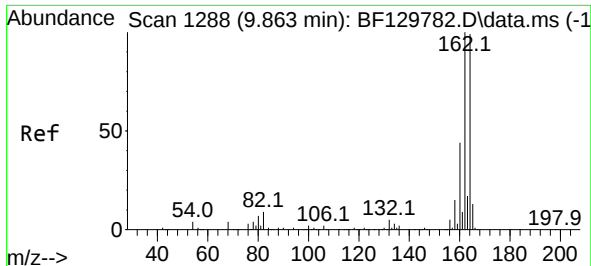
Tgt Ion:122 Resp: 3692
Ion Ratio Lower Upper
122 100
105 9.8 99.9 139.9#
77 36.1 65.9 105.9#



#35
Caprolactam
Concen: 13.523 ng
RT: 8.534 min Scan# 1062
Delta R.T. -0.035 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

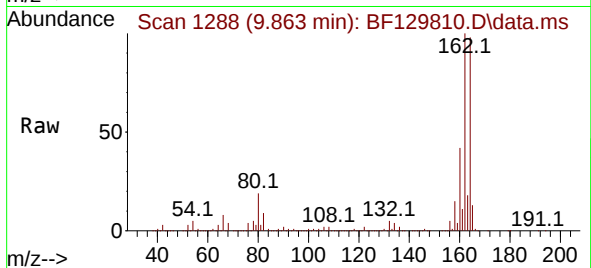
Tgt Ion:113 Resp: 79525
Ion Ratio Lower Upper
113 100
55 164.7 148.8 188.8
56 126.0 109.1 149.1



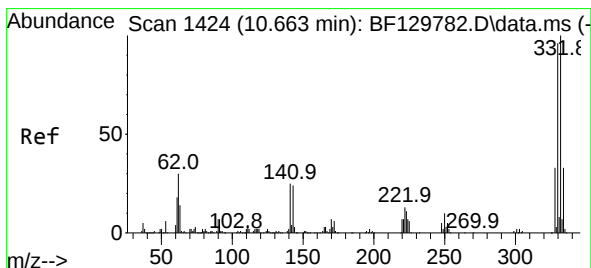
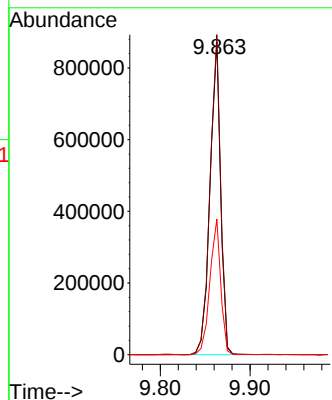
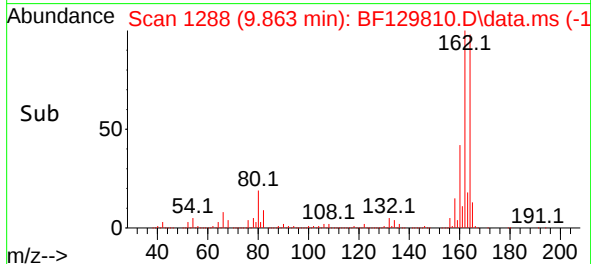


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

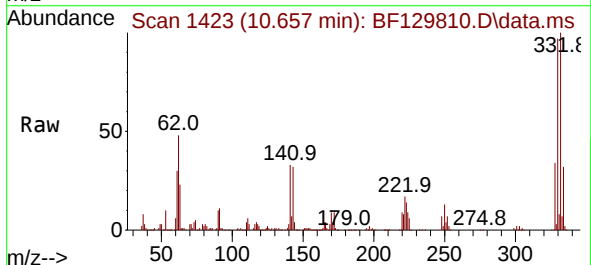
Instrument :
BNA_F
ClientSampleId :
COP-1R



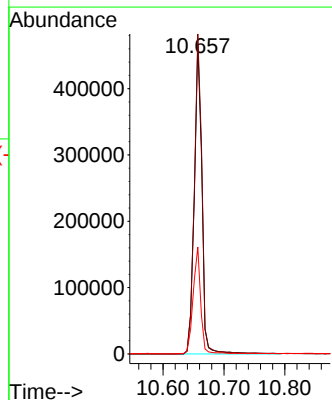
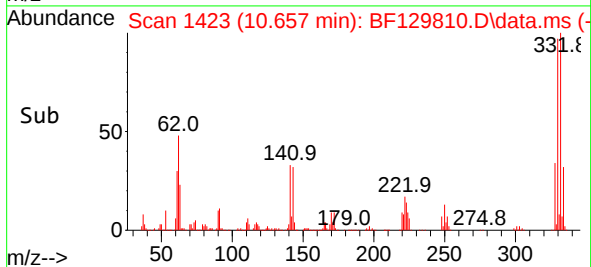
Tgt Ion:164 Resp: 715779
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 43.4 35.4 53.0

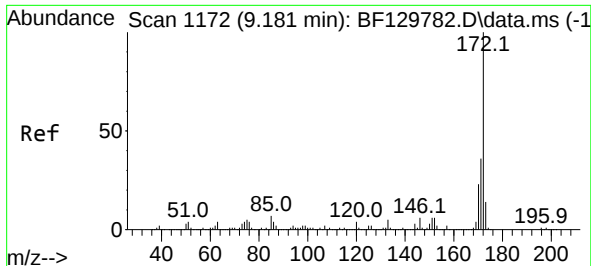


#42
2,4,6-Tribromophenol
Concen: 56.472 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19



Tgt Ion:330 Resp: 405693
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 33.9 27.6 41.4

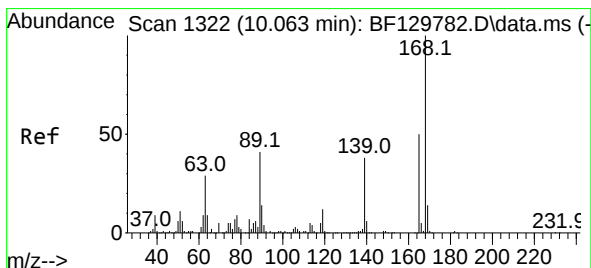
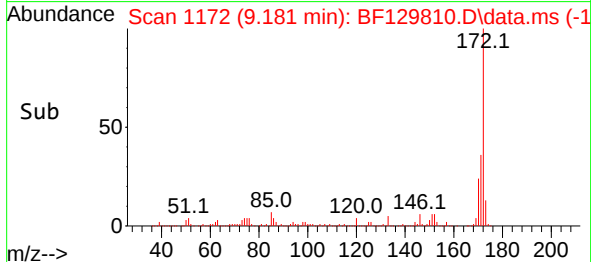
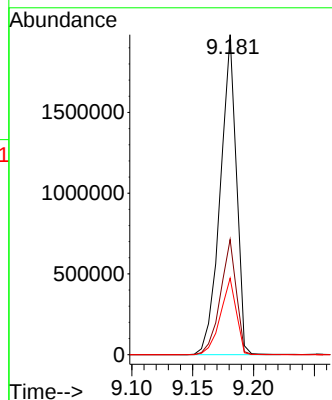
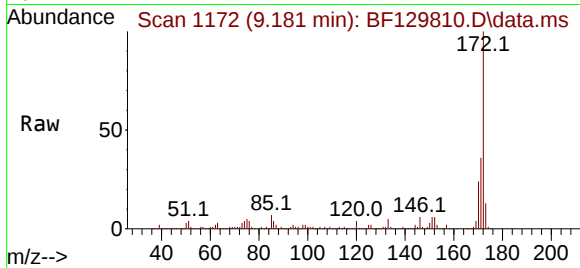




#45
2-Fluorobiphenyl
Concen: 38.820 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

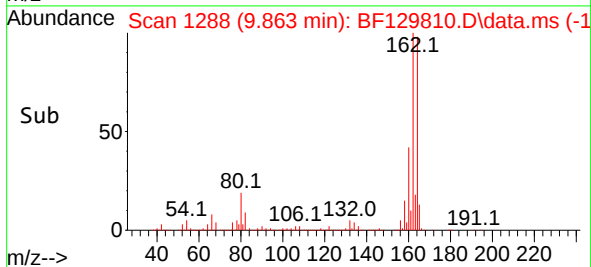
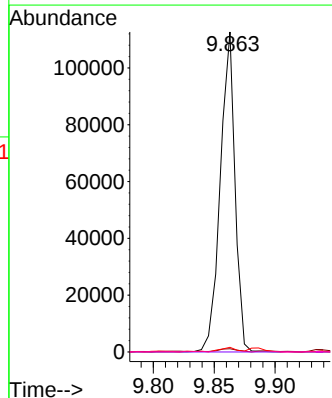
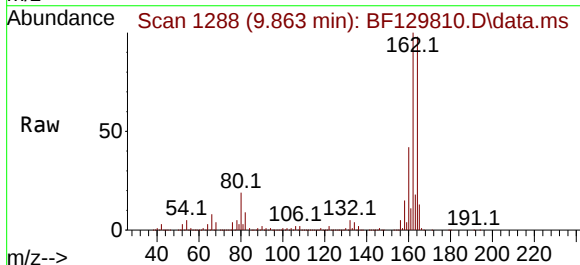
Instrument :
BNA_F
ClientSampleId :
COP-1R

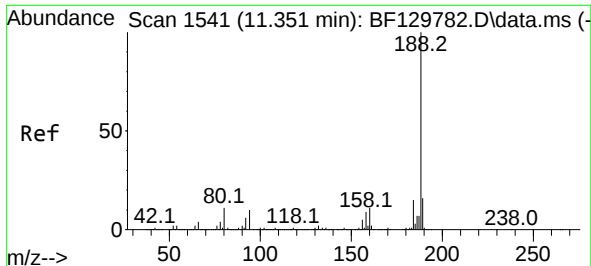
Tgt Ion:172 Resp: 1829517
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 19.1 28.7



#57
2,4-Dinitrotoluene
Concen: 6.586 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.206 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

Tgt Ion:165 Resp: 95165
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#

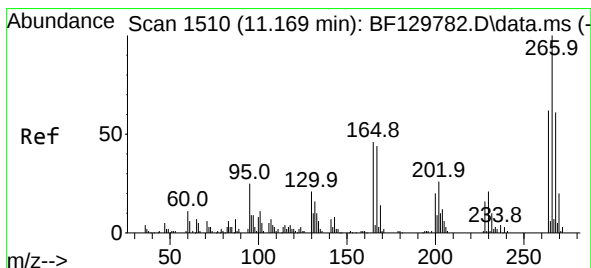
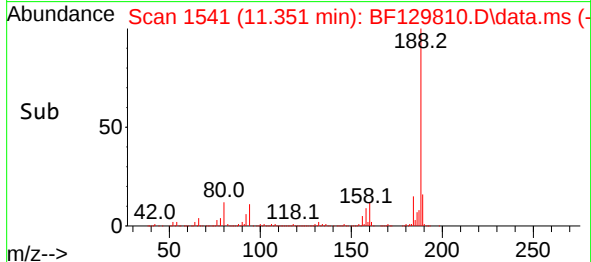
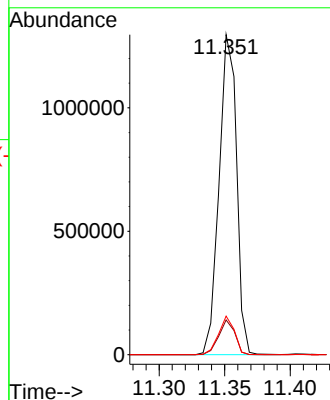
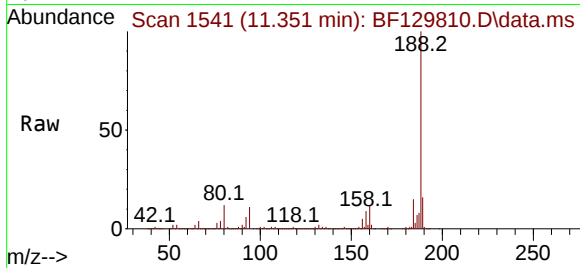




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

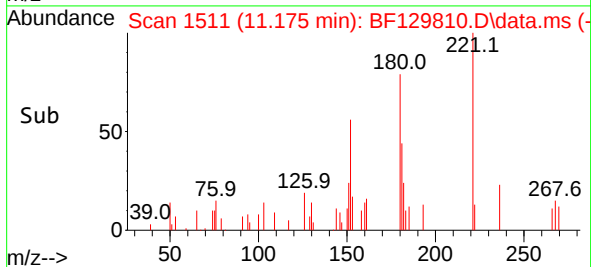
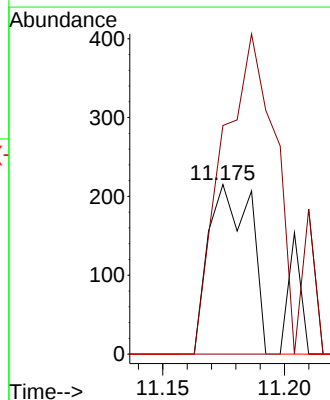
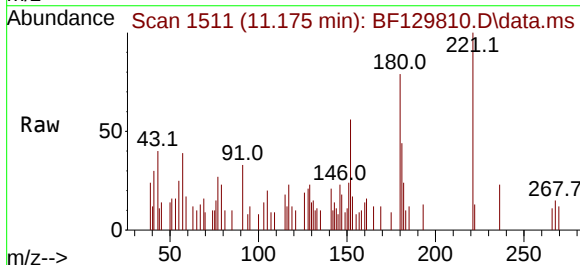
Instrument :
BNA_F
ClientSampleId :
COP-1R

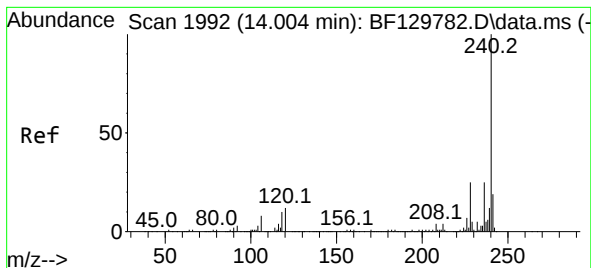
Tgt Ion:188 Resp: 1199986
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 12.1 7.9 11.9#



#70
Pentachlorophenol
Concen: 5.235 ng
RT: 11.175 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF129810.D
Acq: 16 Aug 2022 14:19

Tgt Ion:266 Resp: 259
Ion Ratio Lower Upper
266 100
268 134.9 49.0 73.4#
264 0.0 47.9 71.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF129810.D

Acq: 16 Aug 2022 14:19

Instrument :

BNA_F

ClientSampleId :

COP-1R

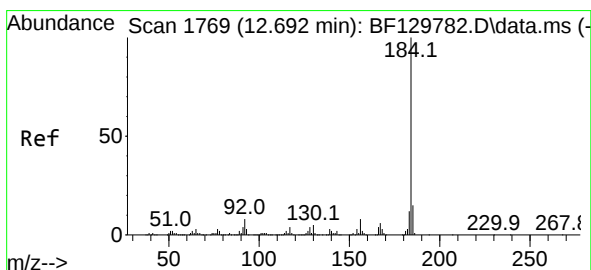
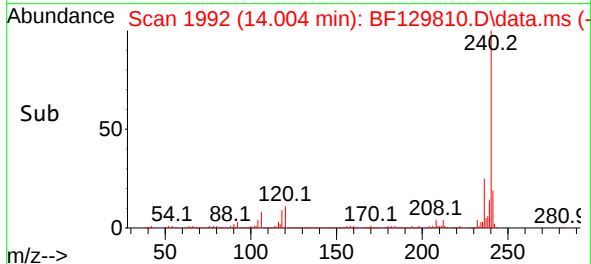
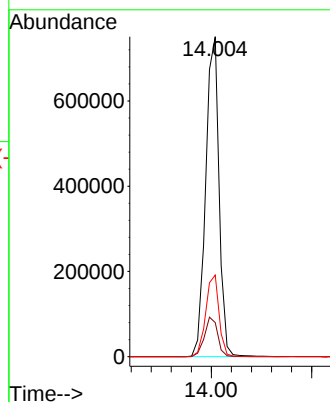
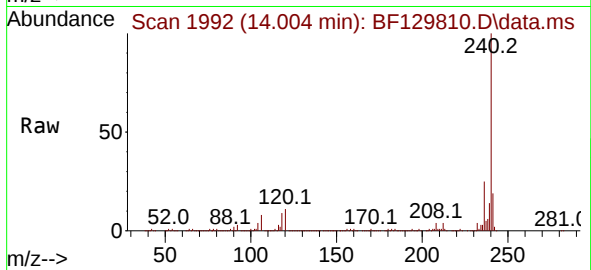
Tgt Ion:240 Resp: 698525

Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.939 min Scan# 1811

Delta R.T. 0.247 min

Lab File: BF129810.D

Acq: 16 Aug 2022 14:19

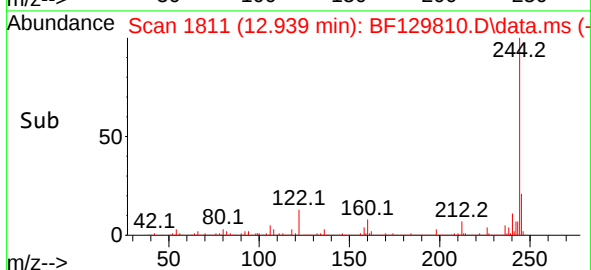
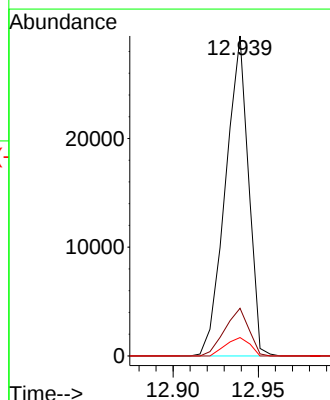
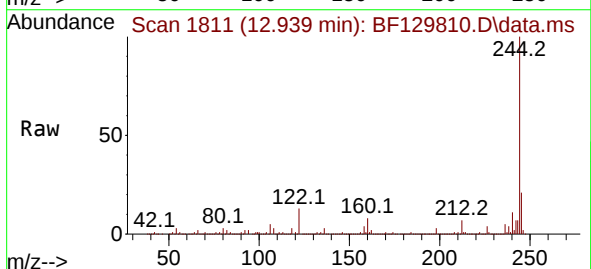
Tgt Ion:184 Resp: 27554

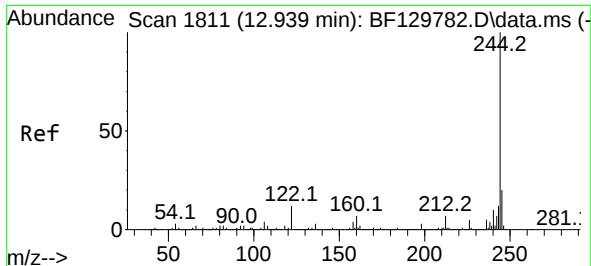
Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

183 5.8 9.4 14.2#

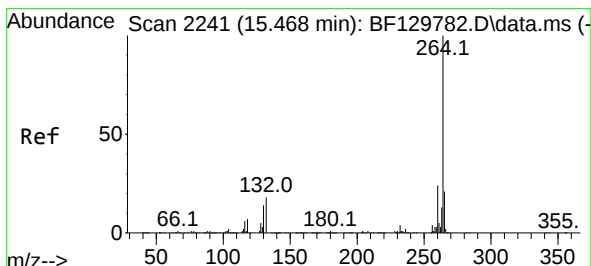
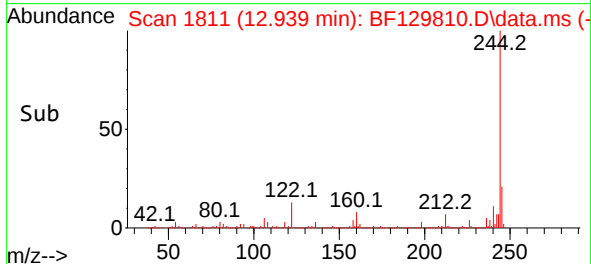
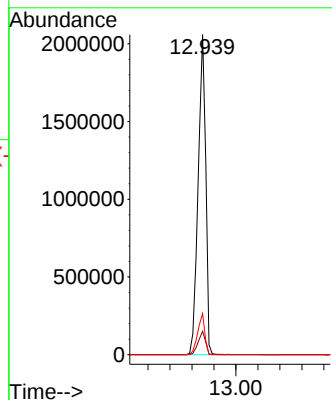
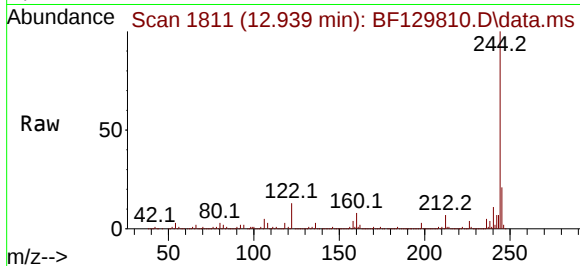




#79
 Terphenyl-d14
 Concen: 46.804 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129810.D
 Acq: 16 Aug 2022 14:19

Instrument :
 BNA_F
 ClientSampleId :
 COP-1R

Tgt Ion:244 Resp: 1964831
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF129810.D
 Acq: 16 Aug 2022 14:19

Tgt Ion:264 Resp: 607980
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.5 16.7 25.1

