

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129770.D
 Acq On : 14 Aug 2022 19:21
 Operator : CG\JU
 Sample : PB146859TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146859TB

Quant Time: Aug 15 02:58:12 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)

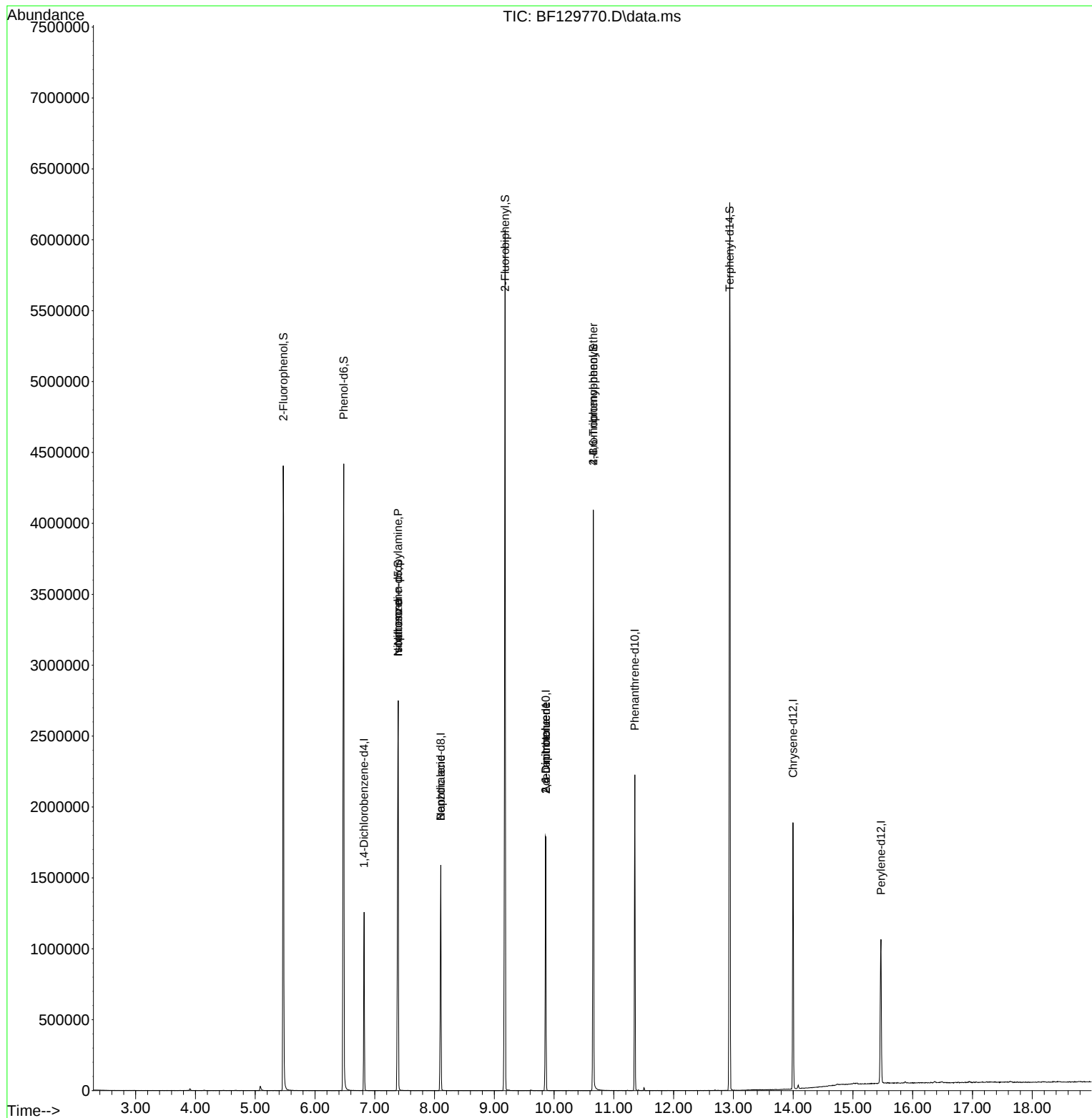
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	179386	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	737889	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	404052	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	741999	20.000	ng	0.00
76) Chrysene-d12	13.998	240	590594	20.000	ng	0.00
86) Perylene-d12	15.468	264	453389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1293253	119.365	ng	0.00
7) Phenol-d6	6.481	99	1602135	118.084	ng	0.00
23) Nitrobenzene-d5	7.392	82	1046830	75.945	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	517235	127.546	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1989940	74.801	ng	0.00
79) Terphenyl-d14	12.939	244	2419770	68.174	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2507	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	139963	16.320	ng	# 75
25) Isophorone	7.392	82	1046819	44.124	ng	# 65
32) Benzoic acid	8.104	122	143	2.191	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	53307	8.484	ng	# 22
57) 2,4-Dinitrotoluene	9.863	165	53307	6.536	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	32051	3.688	ng	# 1
77) Benzidine	12.692	184	2380	Below Cal	#	86

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

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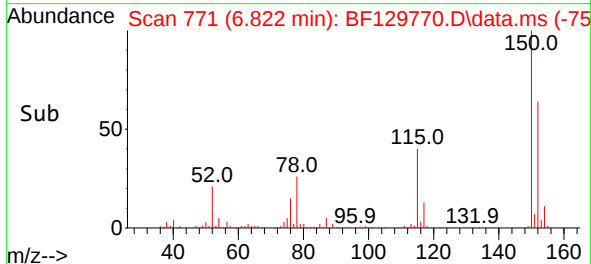
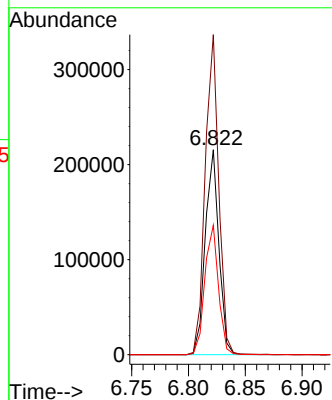
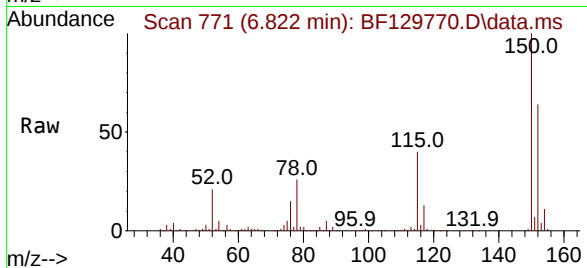




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

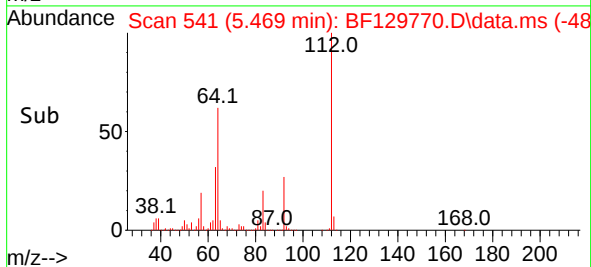
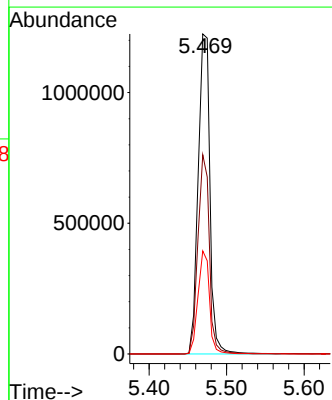
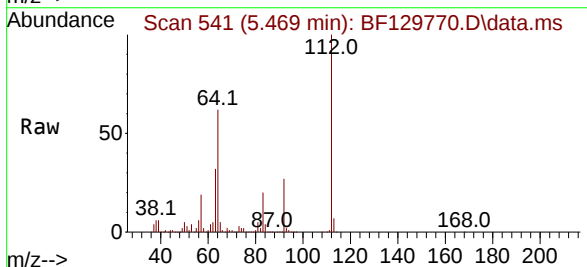
Instrument :
BNA_F
ClientSampleId :
PB146859TB

Tgt Ion:152 Resp: 179386
Ion Ratio Lower Upper
152 100
150 156.1 126.9 190.3
115 63.1 53.4 80.0



#5
2-Fluorophenol
Concen: 119.365 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion:112 Resp: 1293253
Ion Ratio Lower Upper
112 100
64 62.3 47.6 71.4
63 32.2 24.6 37.0

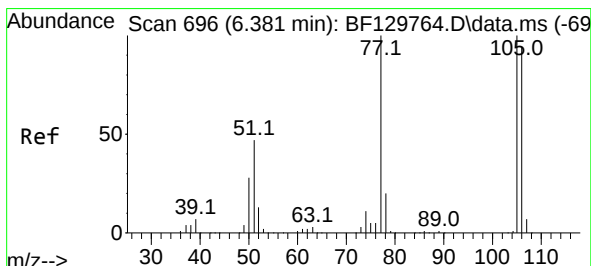
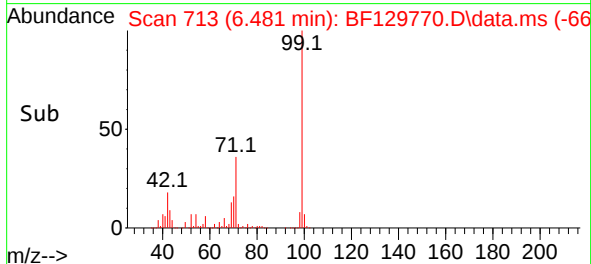
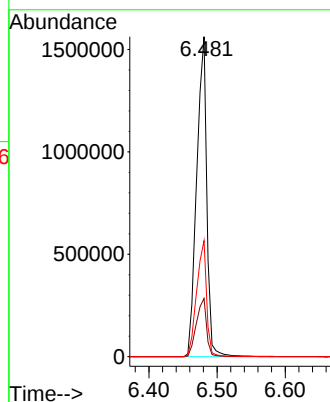
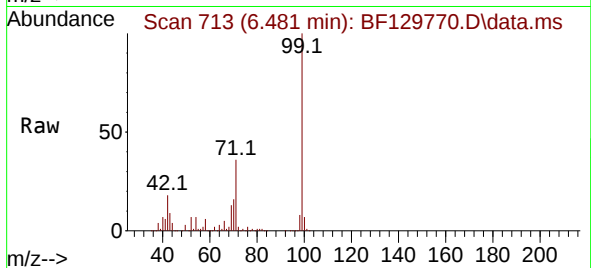




#7
Phenol-d6
Concen: 118.084 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

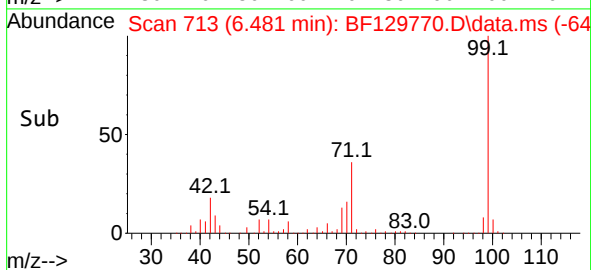
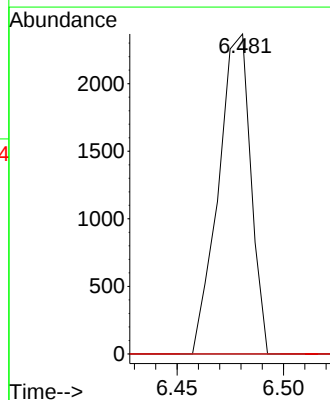
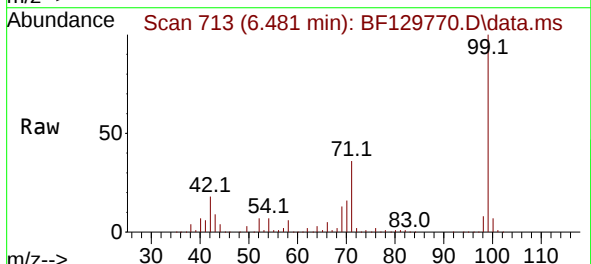
Instrument :
BNA_F
ClientSampleId :
PB146859TB

Tgt Ion: 99 Resp: 1602135
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 36.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion: 77 Resp: 2507
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

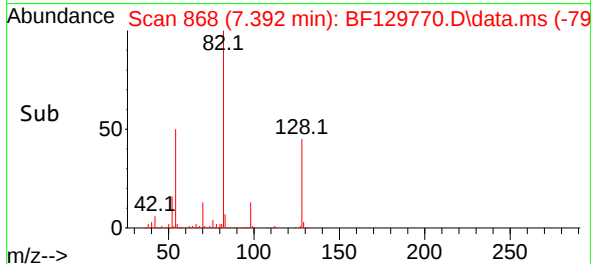
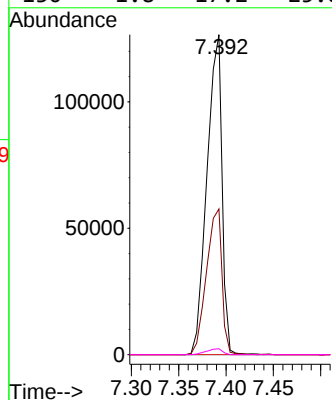
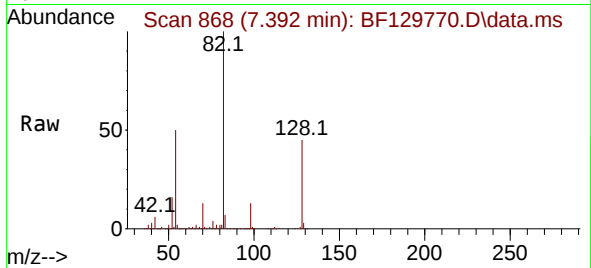




#19
n-Nitroso-di-n-propylamine
Concen: 16.320 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

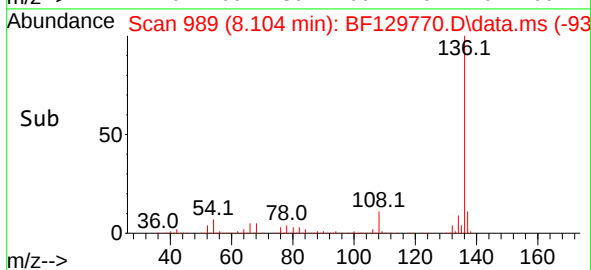
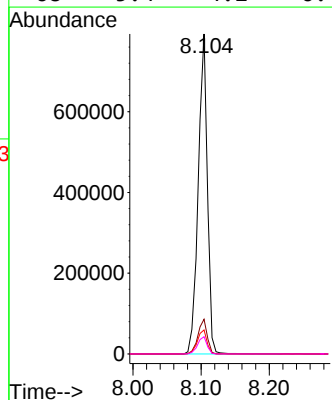
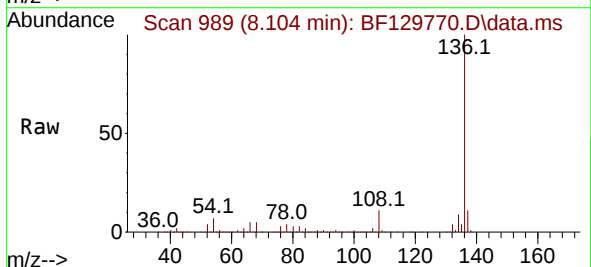
Instrument :
BNA_F
ClientSampleId :
PB146859TB

Tgt Ion: 70 Resp: 139963
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 8.1 12.1#
130 1.8 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: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion: 136 Resp: 737889
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.5 6.2 9.2
68 5.4 4.2 6.4

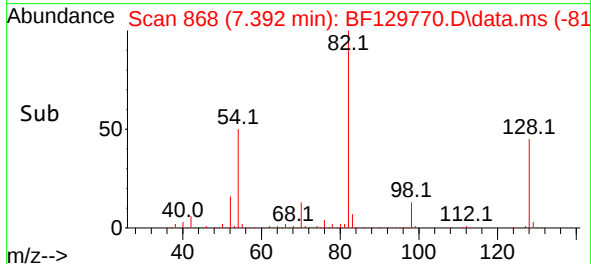
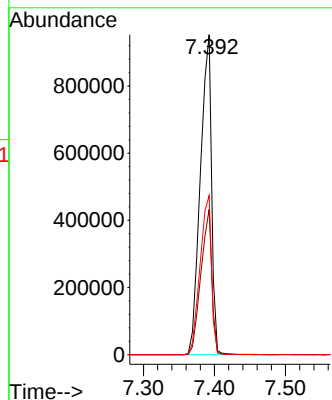
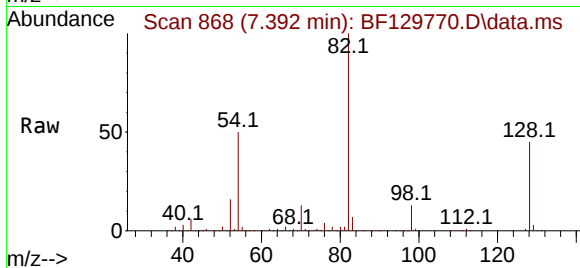




#23
Nitrobenzene-d5
Concen: 75.945 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

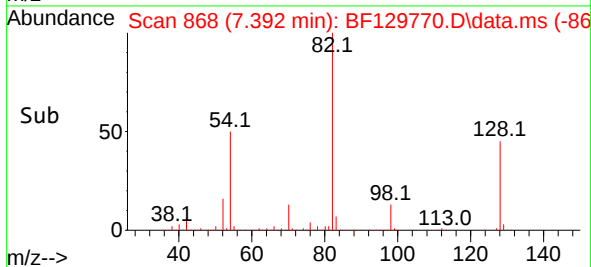
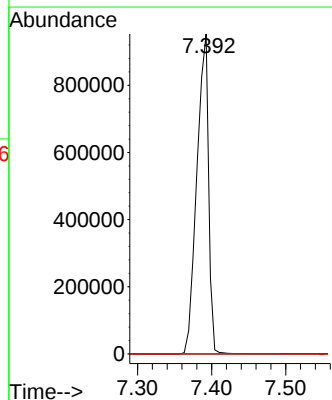
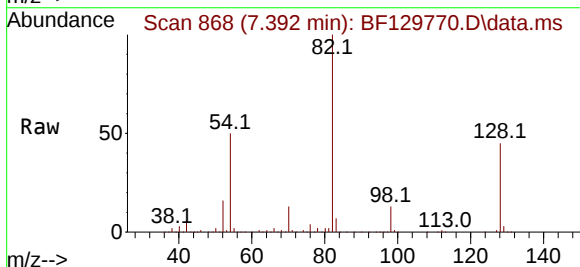
Instrument :
BNA_F
ClientSampleId :
PB146859TB

Tgt Ion: 82 Resp: 1046830
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 49.7 40.0 60.0



#25
Isophorone
Concen: 44.124 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion: 82 Resp: 1046819
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

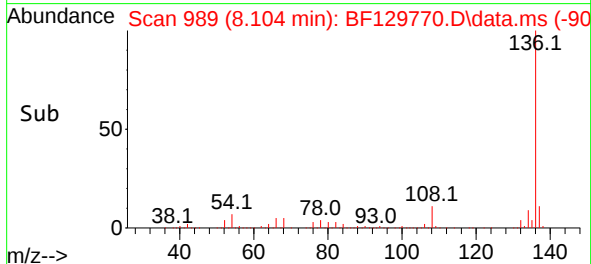
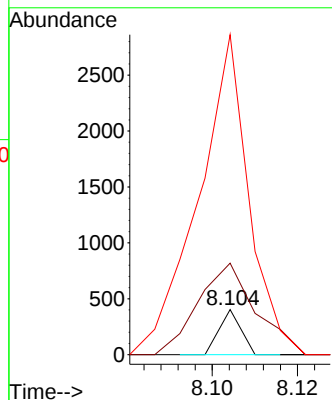
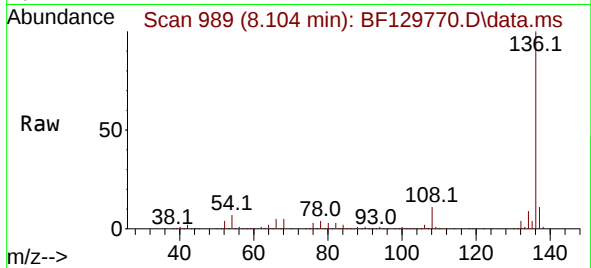




#32
Benzoic acid
Concen: 2.191 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

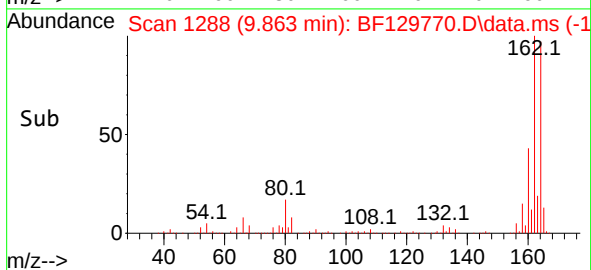
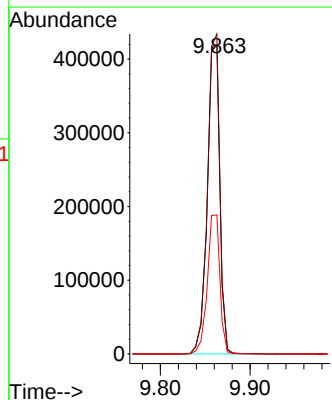
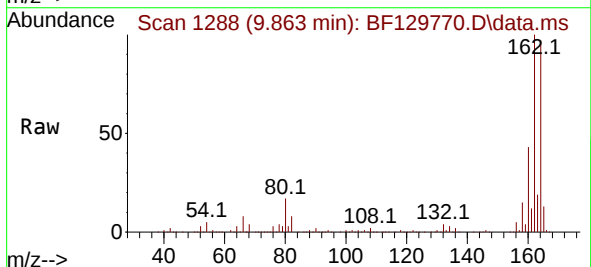
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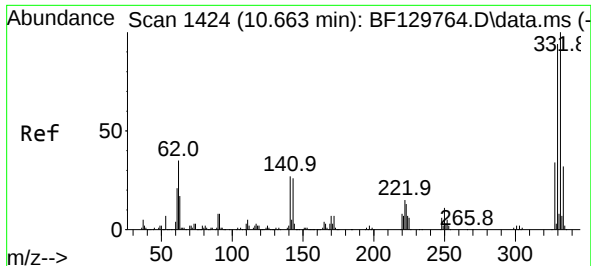
Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 202.5 99.9 139.9#
77 708.4 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion:164 Resp: 404052
Ion Ratio Lower Upper
164 100
162 103.6 82.0 123.0
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 127.546 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129770.D

Acq: 14 Aug 2022 19:21

Instrument :

BNA_F

ClientSampleId :

PB146859TB

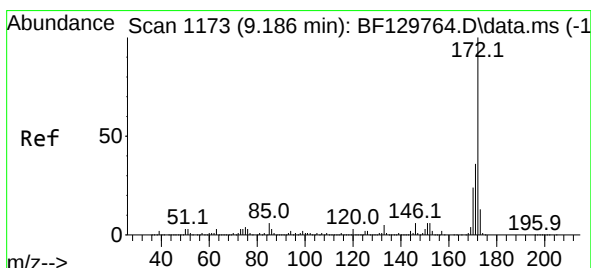
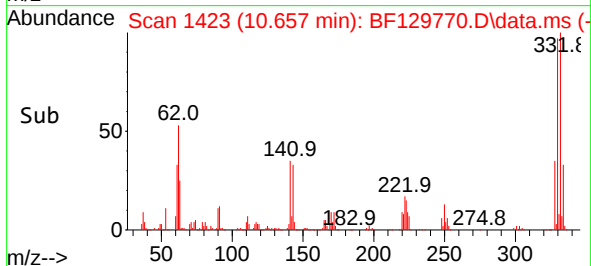
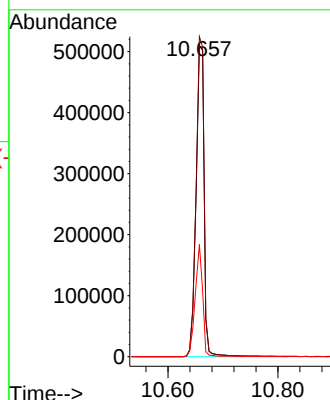
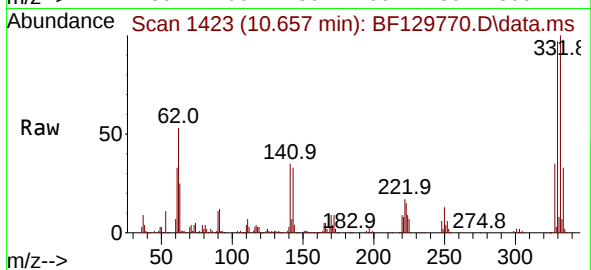
Tgt Ion:330 Resp: 517235

Ion Ratio Lower Upper

330 100

332 102.0 82.6 124.0

141 33.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 74.801 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129770.D

Acq: 14 Aug 2022 19:21

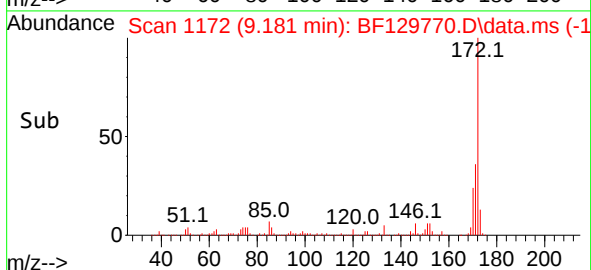
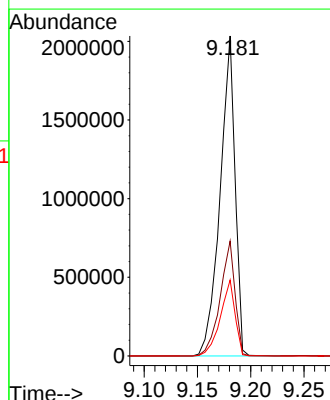
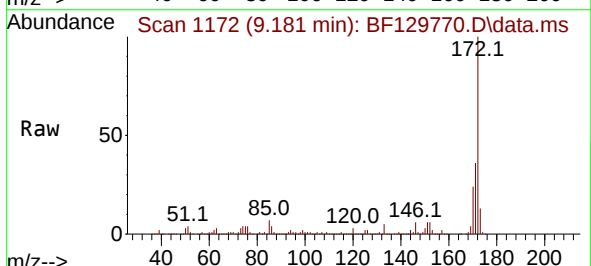
Tgt Ion:172 Resp: 1989940

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.7 19.1 28.7

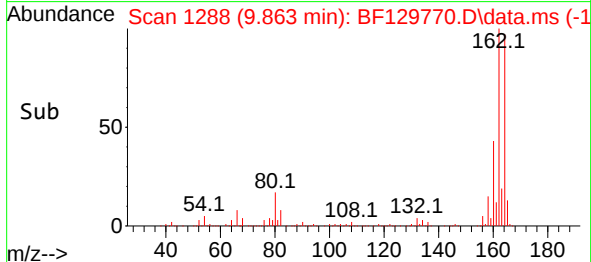
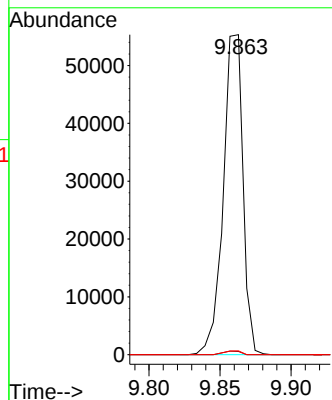
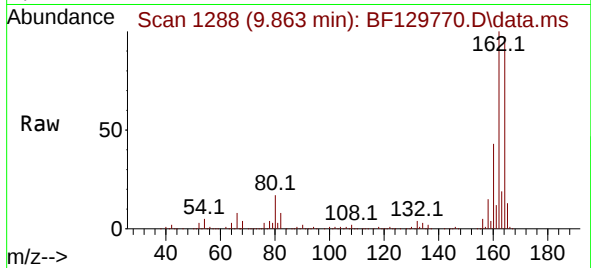




#51
2,6-Dinitrotoluene
Concen: 8.484 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

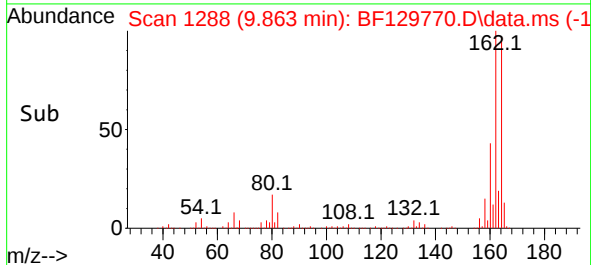
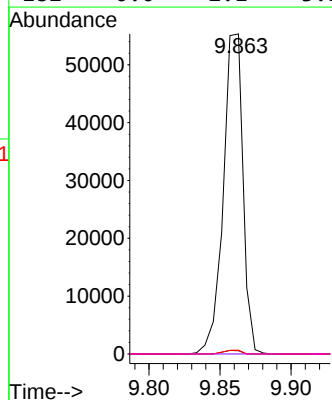
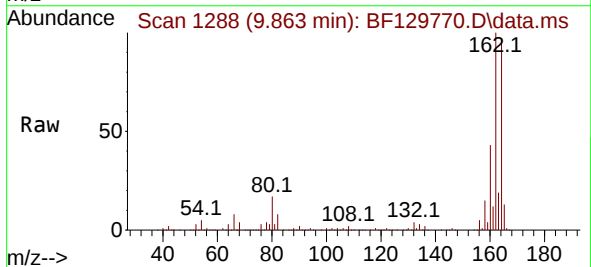
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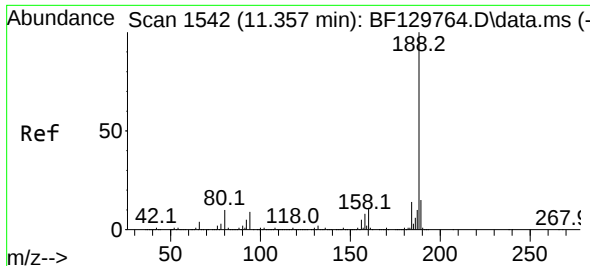
Tgt Ion:165 Resp: 53307
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.536 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.206 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion:165 Resp: 53307
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

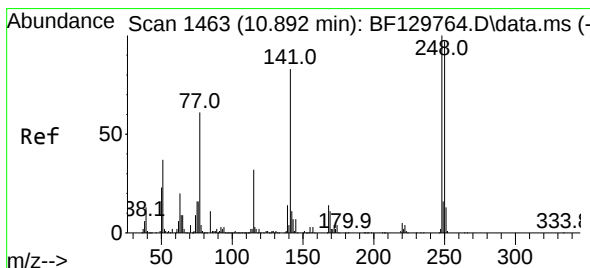
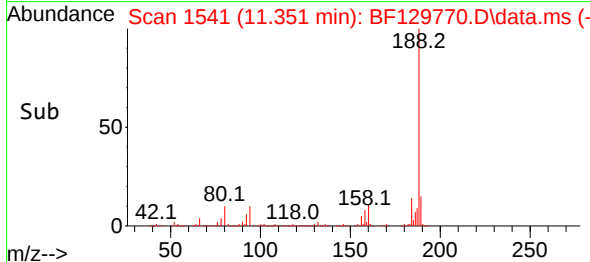
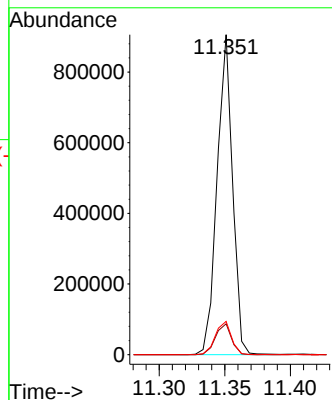
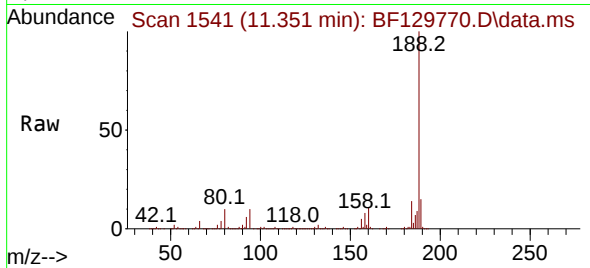




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

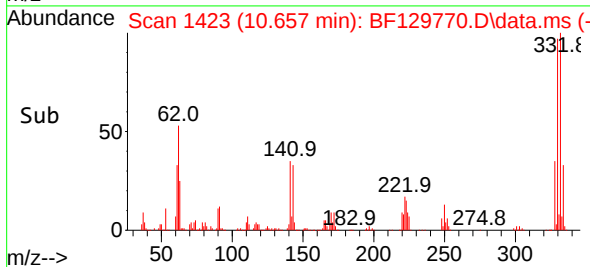
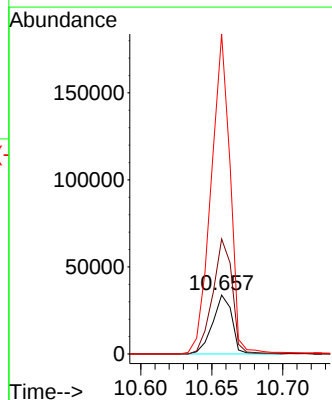
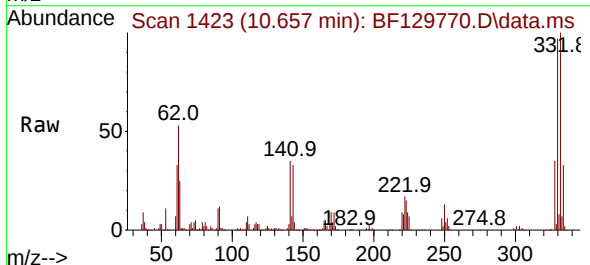
Instrument :
BNA_F
ClientSampleId :
PB146859TB

Tgt Ion:188 Resp: 741999
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.688 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129770.D
Acq: 14 Aug 2022 19:21

Tgt Ion:248 Resp: 32051
Ion Ratio Lower Upper
248 100
250 195.3 77.8 116.6#
141 543.2 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF129770.D

Acq: 14 Aug 2022 19:21

Instrument :

BNA_F

ClientSampleId :

PB146859TB

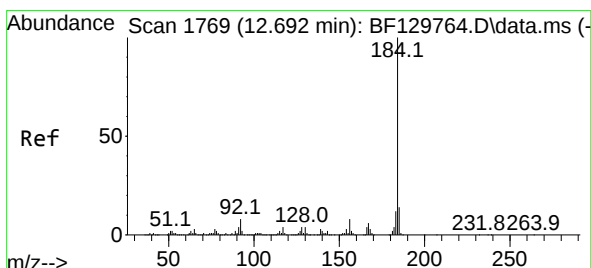
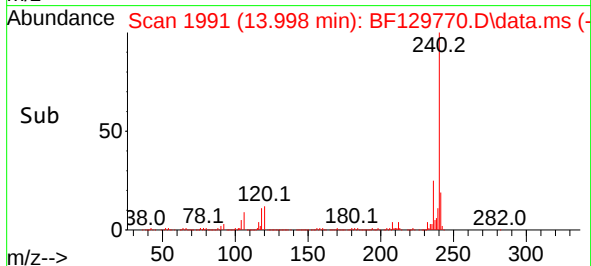
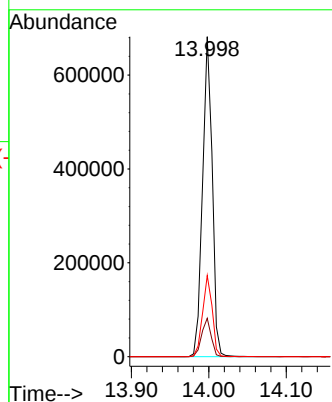
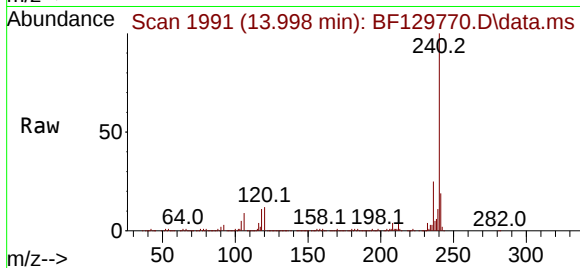
Tgt Ion:240 Resp: 590594

Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.3 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BF129770.D

Acq: 14 Aug 2022 19:21

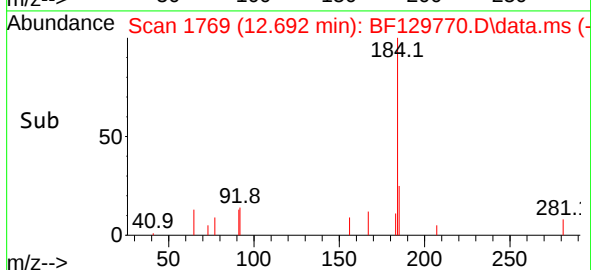
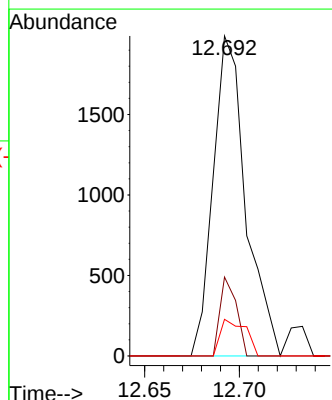
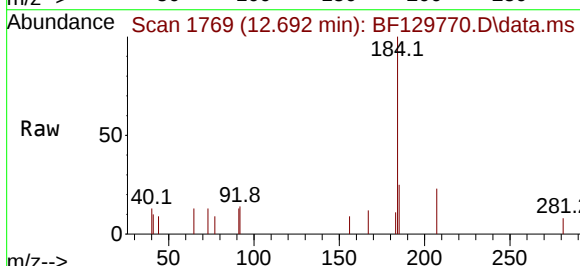
Tgt Ion:184 Resp: 2380

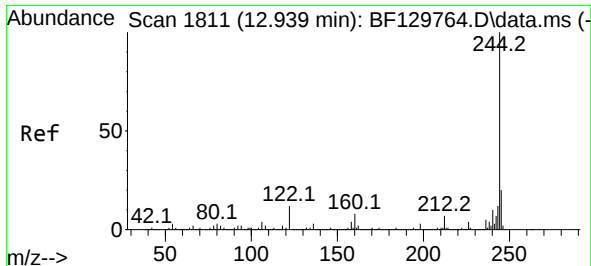
Ion Ratio Lower Upper

184 100

185 24.6 11.4 17.2#

183 11.4 9.4 14.2

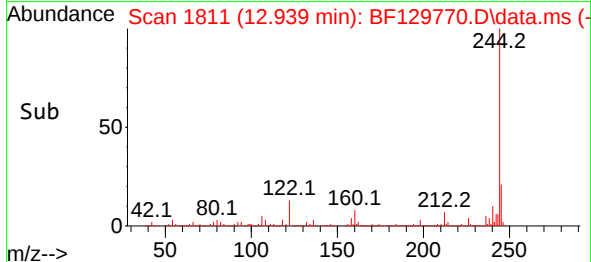
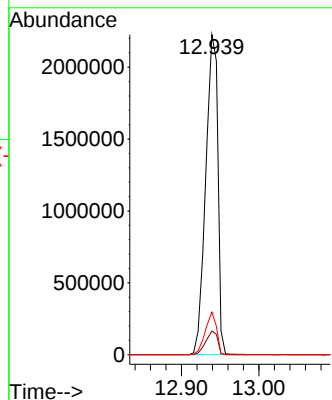
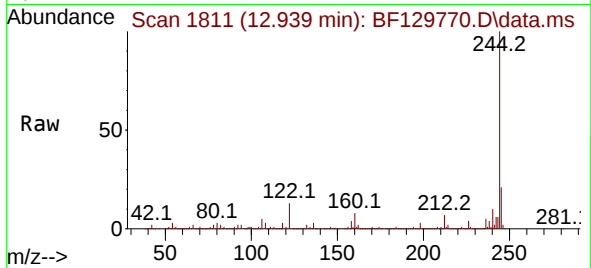




#79
 Terphenyl-d14
 Concen: 68.174 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129770.D
 Acq: 14 Aug 2022 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB146859TB

Tgt Ion:244 Resp: 2419770
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF129770.D
 Acq: 14 Aug 2022 19:21

Tgt Ion:264 Resp: 453389
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.7 16.7 25.1

