

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129937.D
 Acq On : 22 Aug 2022 12:52
 Operator : CG\JU
 Sample : PB146994BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 04:45:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

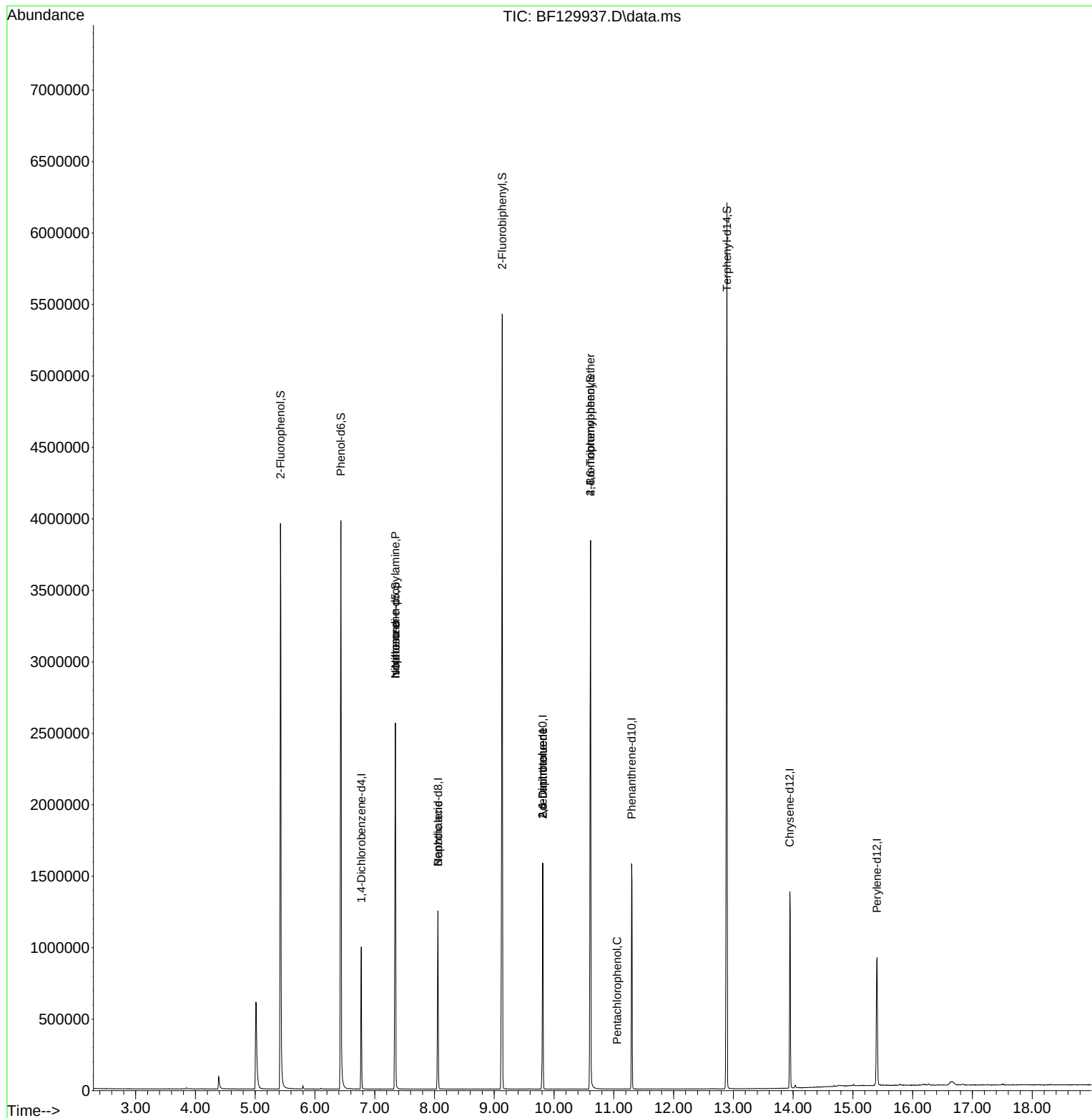
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	133722	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	552223	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	305782	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	558219	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	462818	20.000	ng	0.00
86) Perylene-d12	15.404	264	408893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1105515	136.881	ng	0.01
7) Phenol-d6	6.434	99	1403733	138.791	ng	0.00
23) Nitrobenzene-d5	7.345	82	916856	88.879	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	428718	139.694	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1699019	84.389	ng	0.00
79) Terphenyl-d14	12.892	244	2087750	75.059	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	2392	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	121902	19.068	ng	# 79
25) Isophorone	7.345	82	916843	51.638	ng	# 65
32) Benzoic acid	8.057	122	68	2.176	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	40186	8.451	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	40186	6.510	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	26851	4.107	ng	# 1
70) Pentachlorophenol	11.057	266	56	5.206	ng	# 25
77) Benzidine	12.645	184	3908	Below Cal	#	93

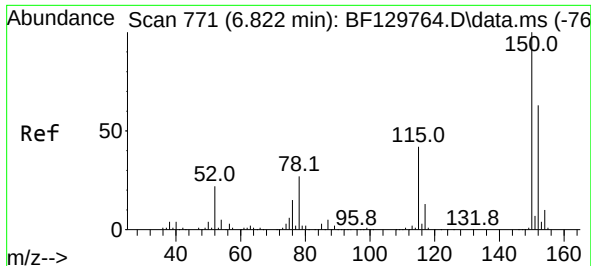
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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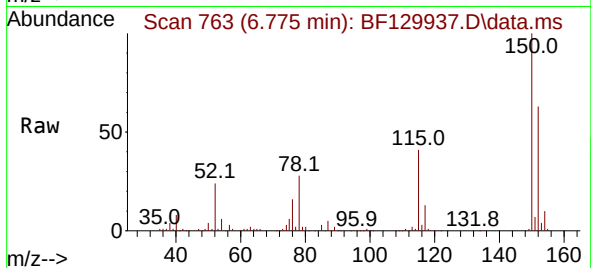
Quant Time: Aug 23 04:45:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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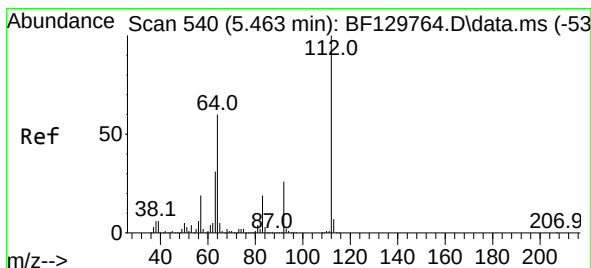
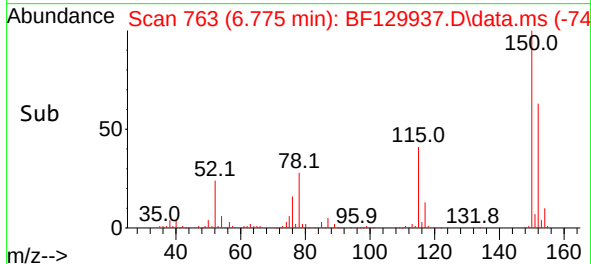
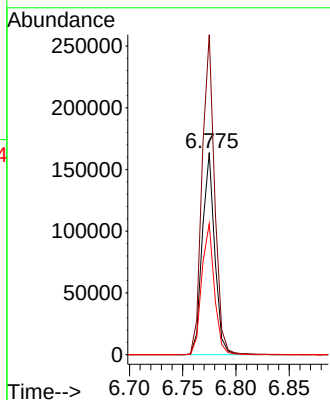


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Instrument :
BNA_F
ClientSampleId :

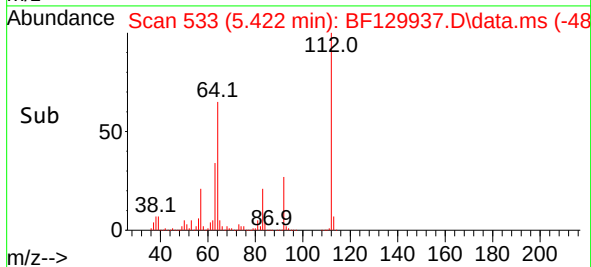
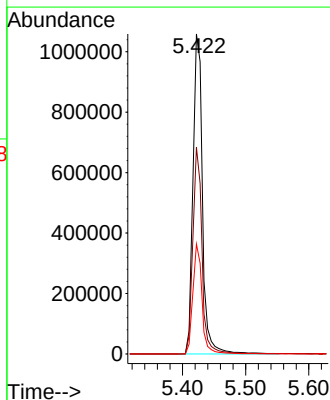
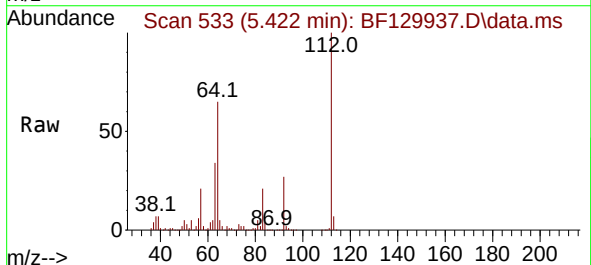


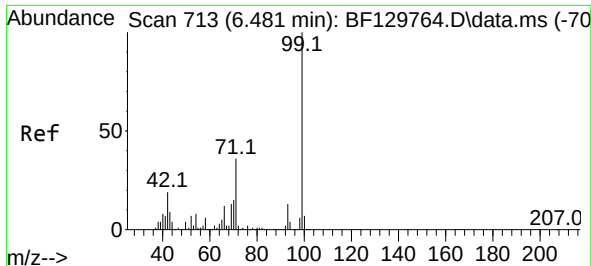
Tgt Ion:152 Resp: 133722
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 64.8 53.4 80.0



#5
2-Fluorophenol
Concen: 136.881 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion:112 Resp: 1105515
Ion Ratio Lower Upper
112 100
64 64.6 47.6 71.4
63 34.4 24.6 37.0

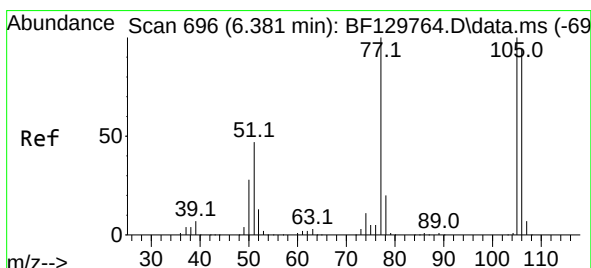
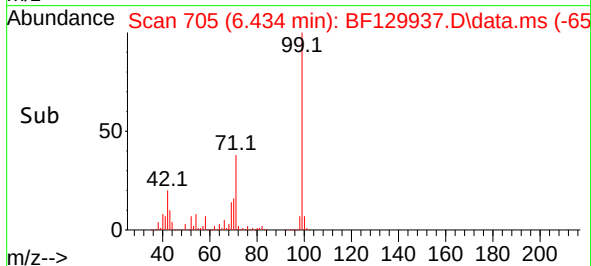
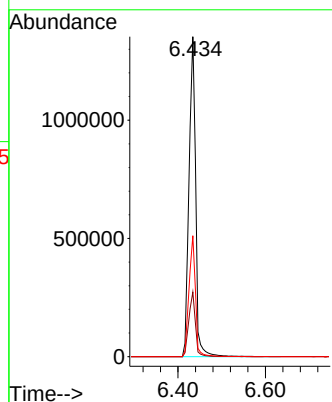
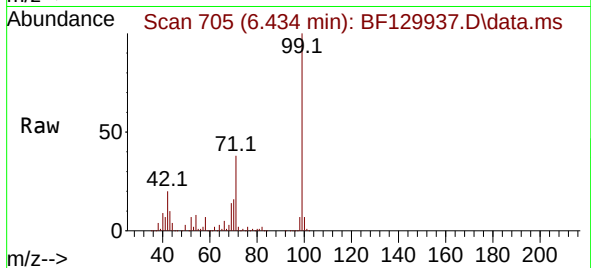




#7
Phenol-d6
Concen: 138.791 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

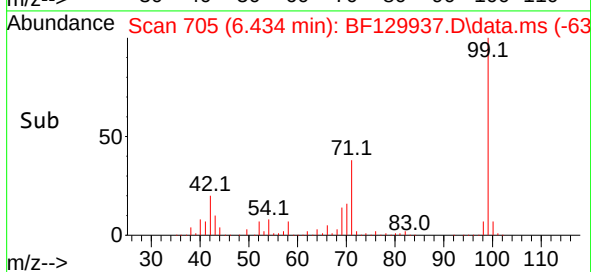
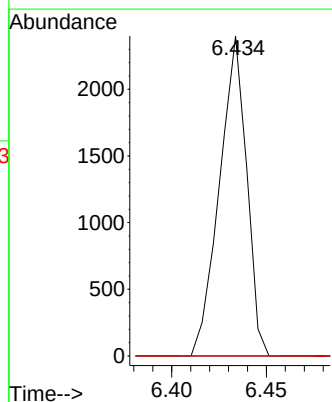
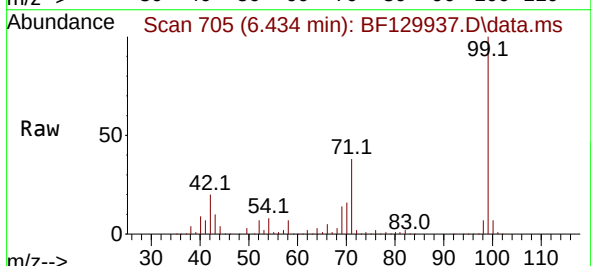
Instrument :
BNA_F
ClientSampleId :

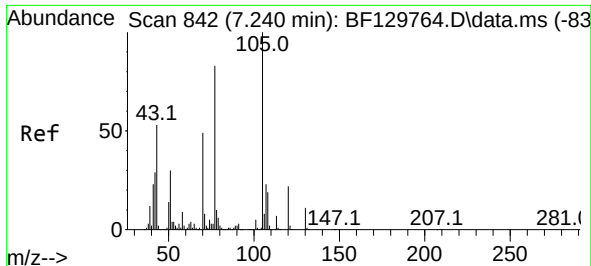
Tgt Ion: 99 Resp: 1403733
Ion Ratio Lower Upper
99 100
42 20.2 15.0 22.4
71 37.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion: 77 Resp: 2392
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

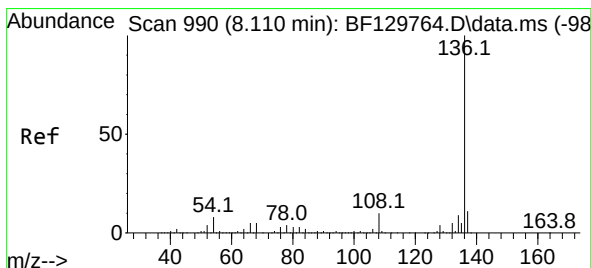
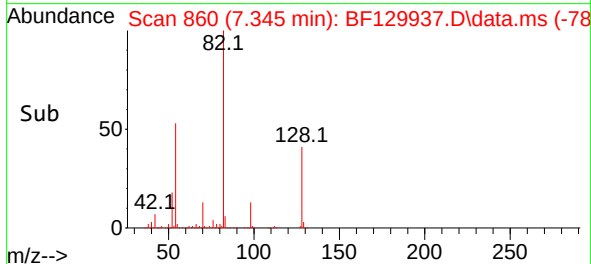
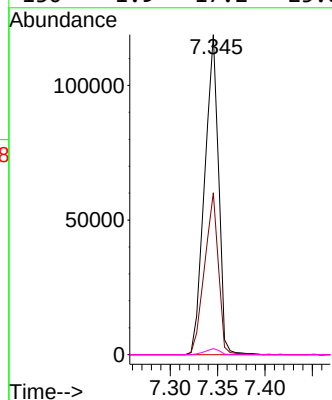
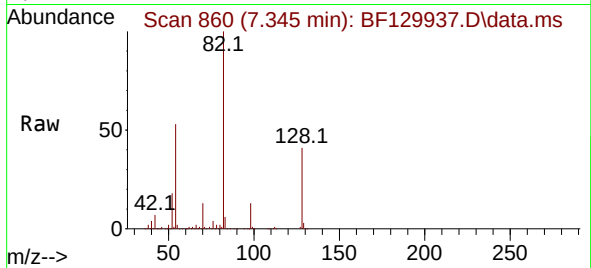




#19
n-Nitroso-di-n-propylamine
Concen: 19.068 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

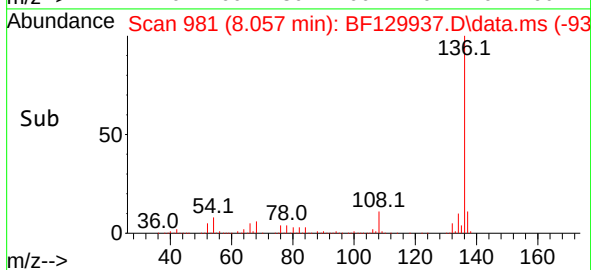
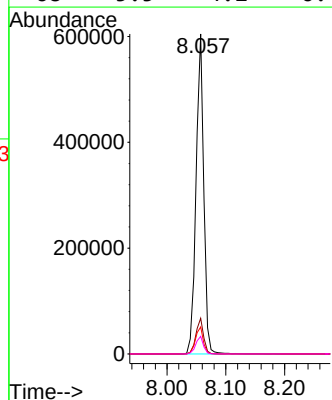
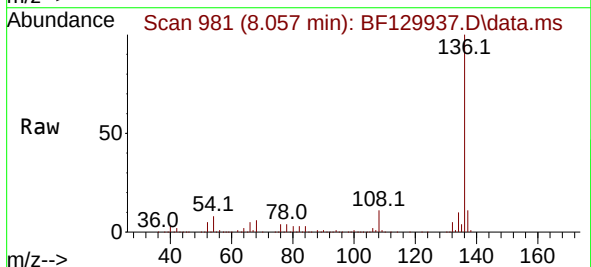
Instrument :
BNA_F
ClientSampleId :

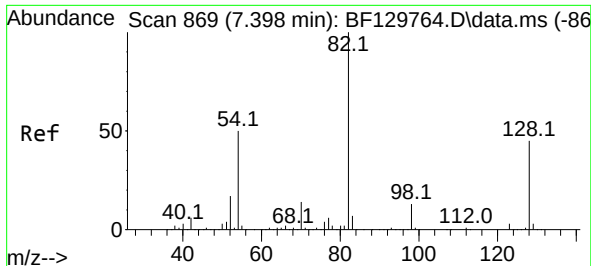
Tgt Ion: 70 Resp: 121902
Ion Ratio Lower Upper
70 100
42 50.6 47.6 71.4
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion:136 Resp: 552223
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.5 6.2 9.2
68 5.5 4.2 6.4

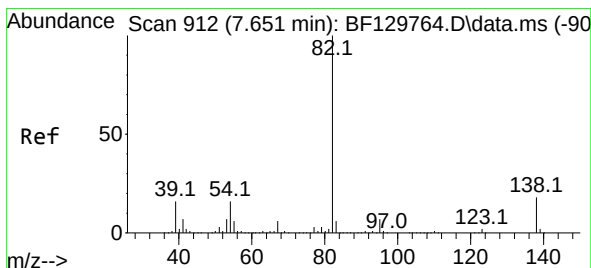
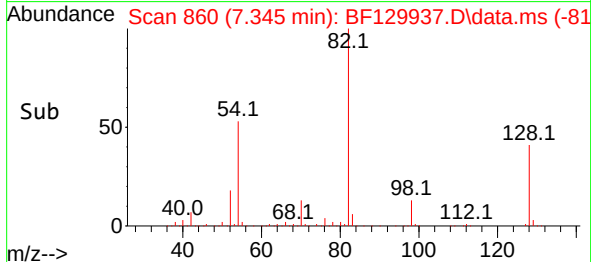
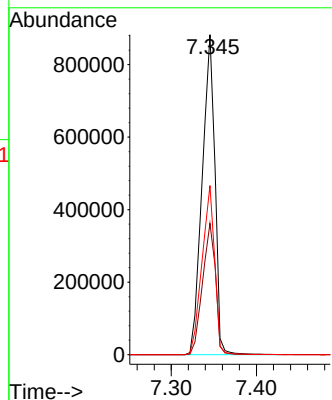
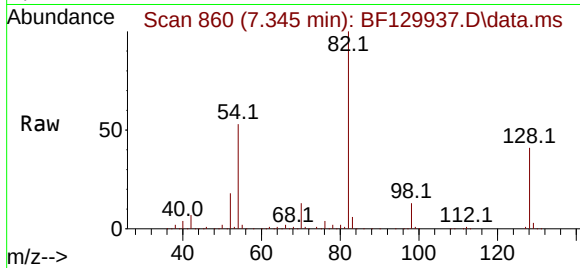




#23
Nitrobenzene-d5
Concen: 88.879 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

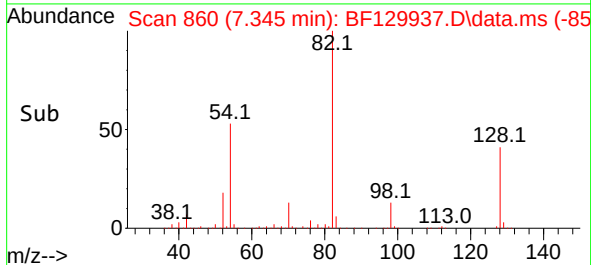
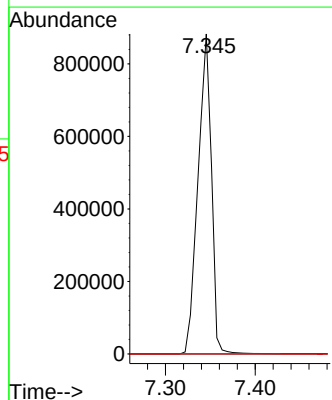
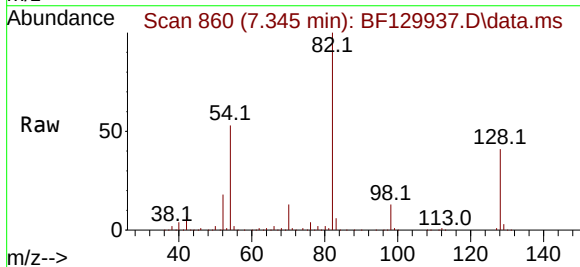
Instrument :
BNA_F
ClientSampleId :

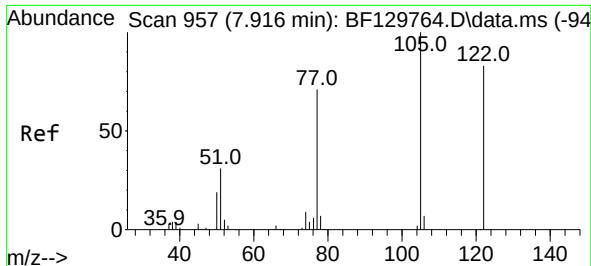
Tgt Ion: 82 Resp: 916856
Ion Ratio Lower Upper
82 100
128 41.1 36.1 54.1
54 52.8 40.0 60.0



#25
Isophorone
Concen: 51.638 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

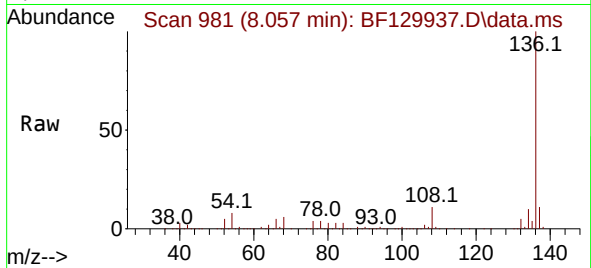
Tgt Ion: 82 Resp: 916843
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



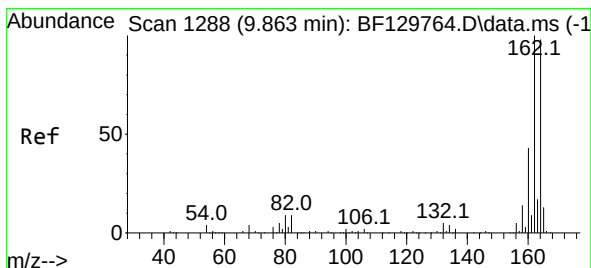
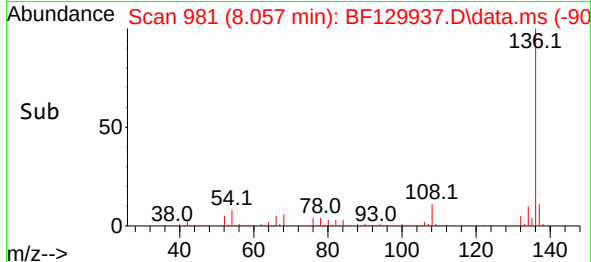
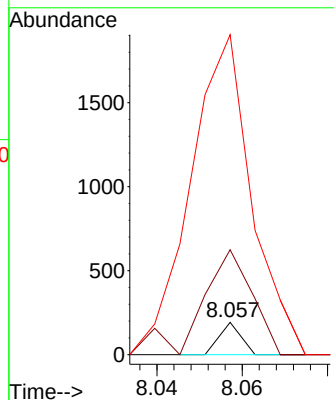


#32
Benzoic acid
Concen: 2.176 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.177 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Instrument :
BNA_F
ClientSampleId :

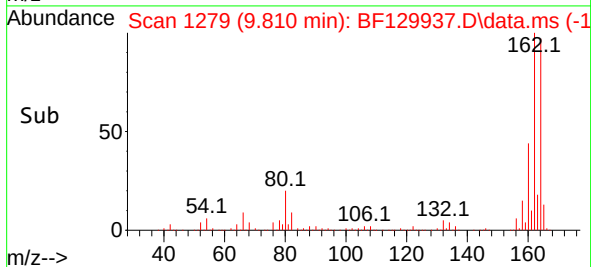
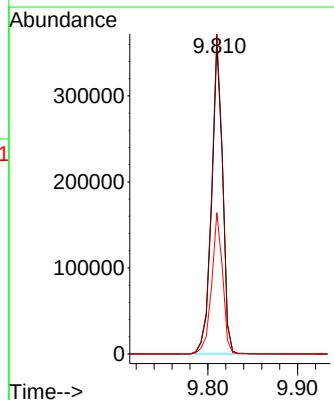
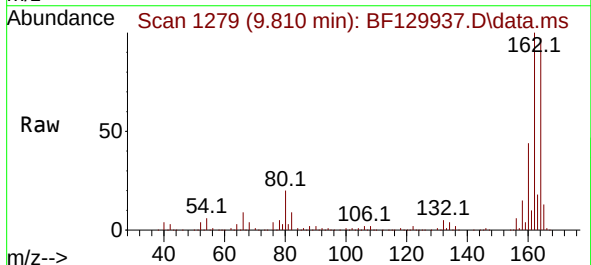


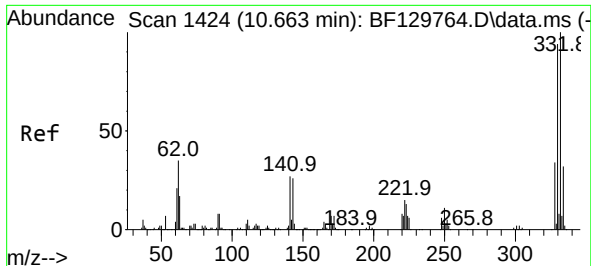
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 323.8 99.9 139.9#
77 987.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Tgt Ion:164 Resp: 305782
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.694 ng

RT: 10.610 min Scan# 1415

Delta R.T. 0.000 min

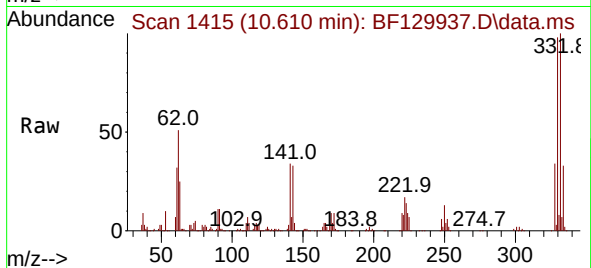
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Acq: 22 Aug 2022 12:52

Instrument :

BNA_F

ClientSampleId :



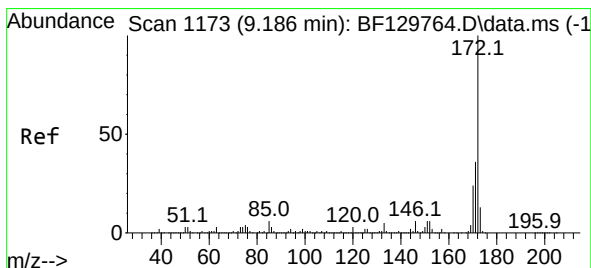
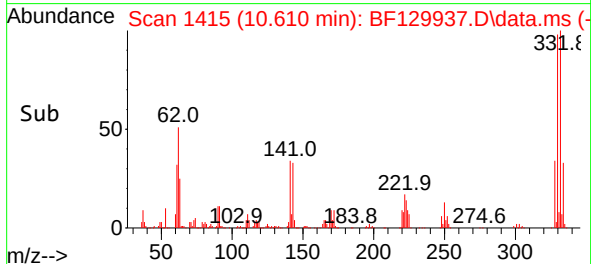
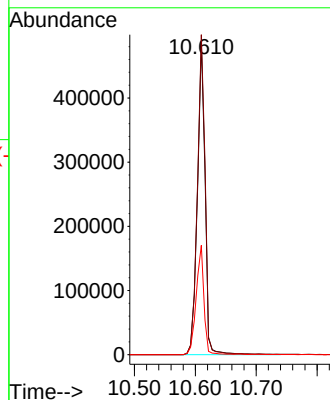
Tgt Ion:330 Resp: 428718

Ion Ratio Lower Upper

330 100

332 103.2 82.6 124.0

141 35.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.389 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129937.D

Acq: 22 Aug 2022 12:52

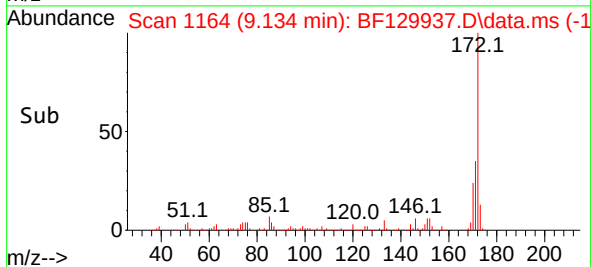
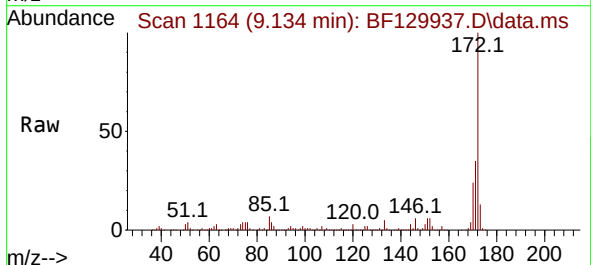
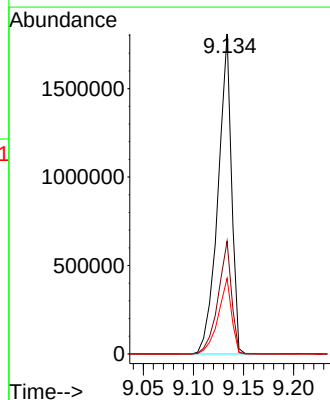
Tgt Ion:172 Resp: 1699019

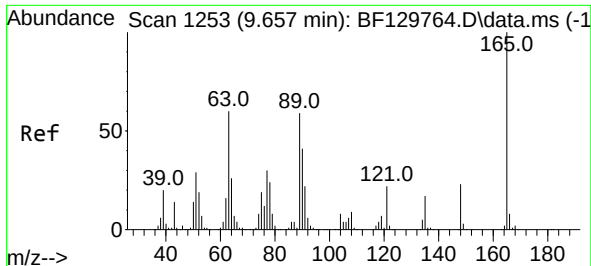
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7

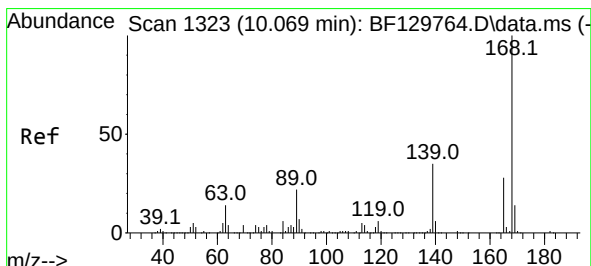
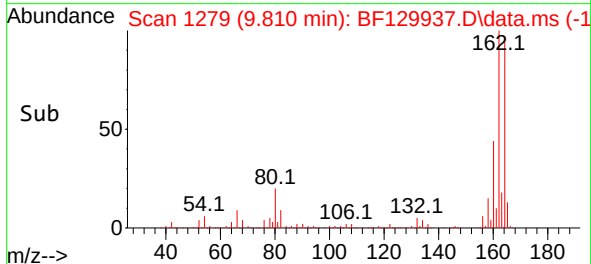
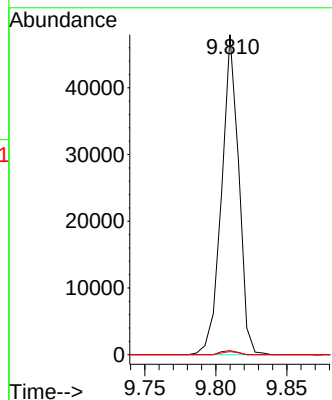
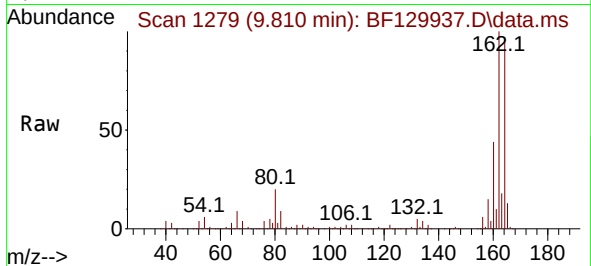




#51
2,6-Dinitrotoluene
Concen: 8.451 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.194 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

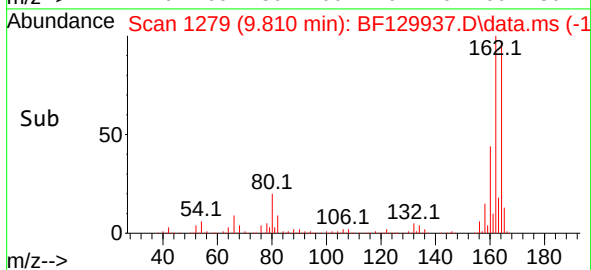
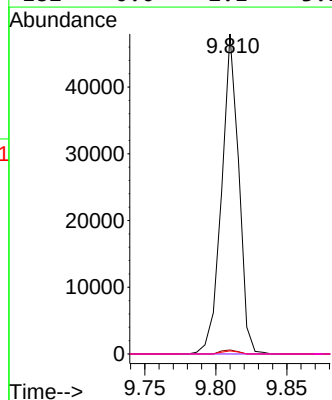
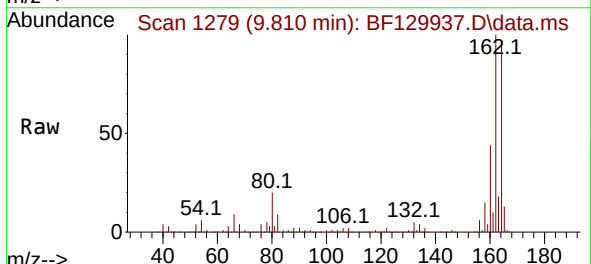
Instrument :
BNA_F
ClientSampleId :

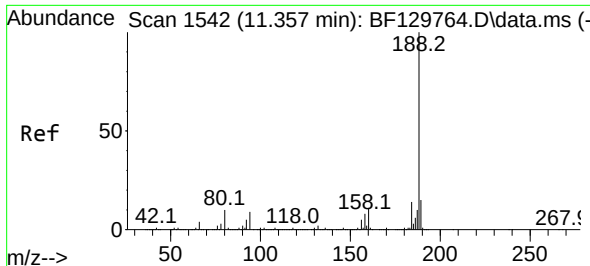
Tgt Ion:165 Resp: 40186
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.212 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

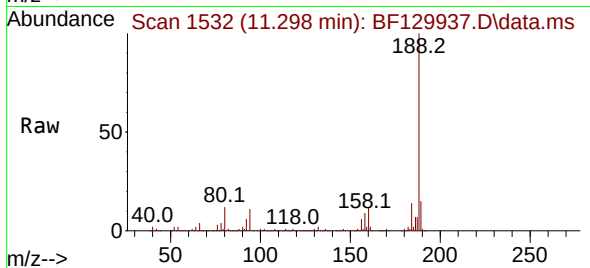
Tgt Ion:165 Resp: 40186
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#



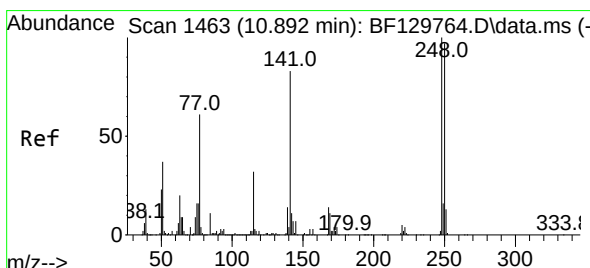
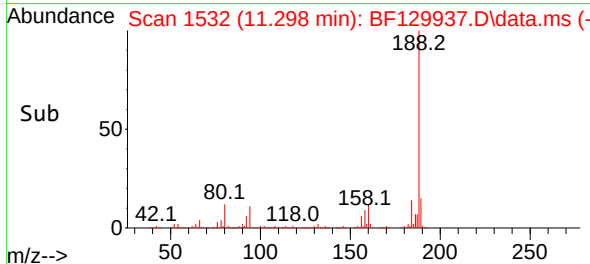
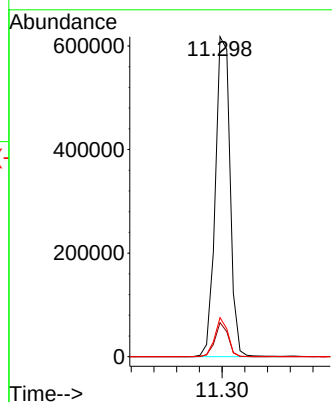


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Instrument :
BNA_F
ClientSampleId :

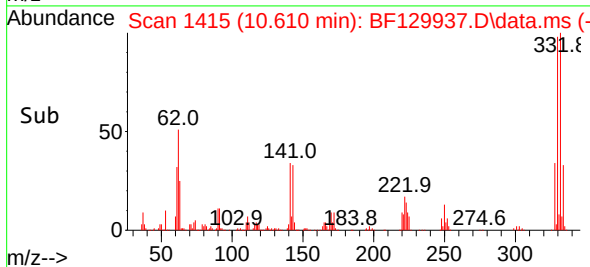
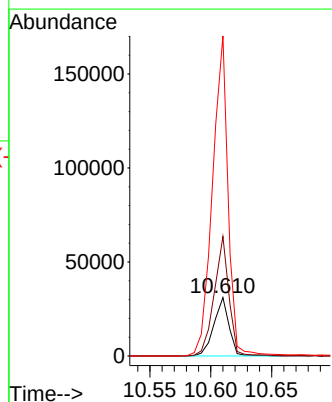
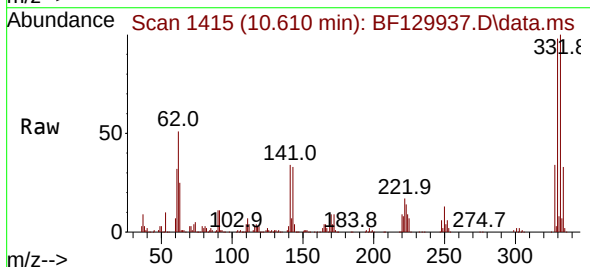


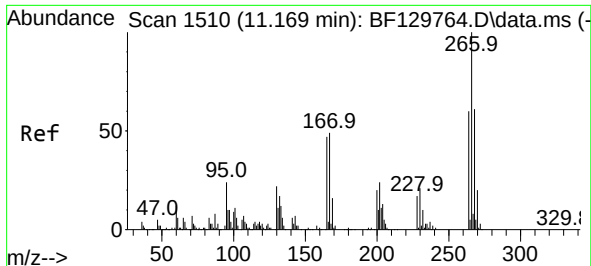
Tgt Ion:188 Resp: 558219
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.2 7.9 11.9#



#67
4-Bromophenyl-phenylether
Concen: 4.107 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.235 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

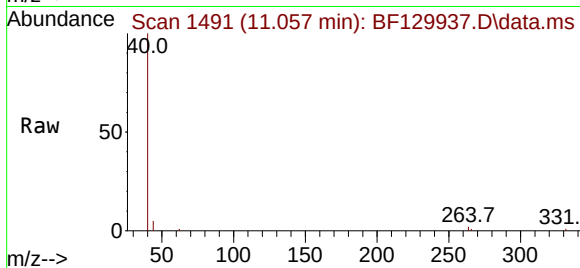
Tgt Ion:248 Resp: 26851
Ion Ratio Lower Upper
248 100
250 204.7 77.8 116.6#
141 547.9 66.2 99.2#



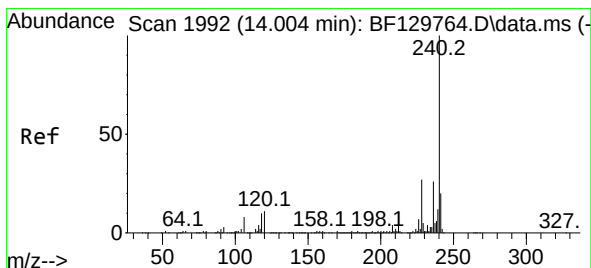
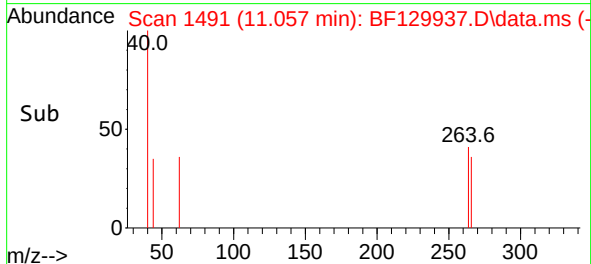
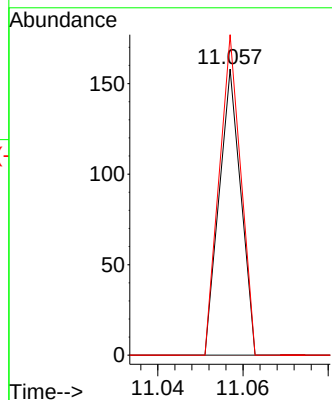


#70
 Pentachlorophenol
 Concen: 5.206 ng
 RT: 11.057 min Scan# 14
 Delta R.T. -0.065 min
 Lab File: BF129937.D
 Acq: 22 Aug 2022 12:52

Instrument :
 BNA_F
 ClientSampleId :

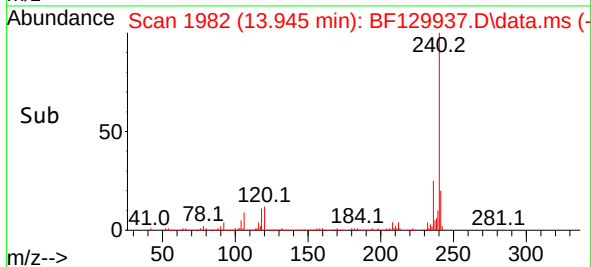
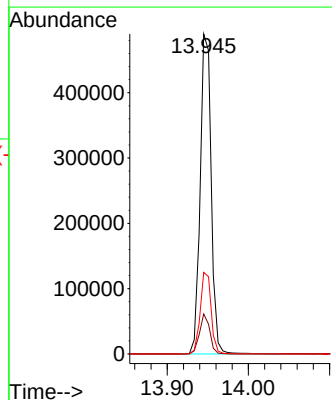
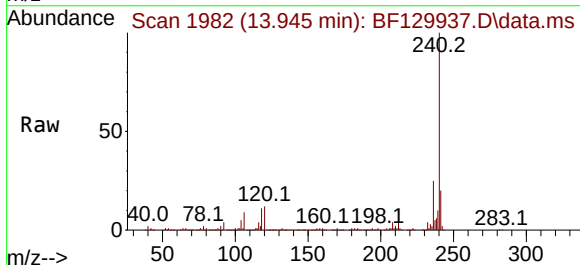


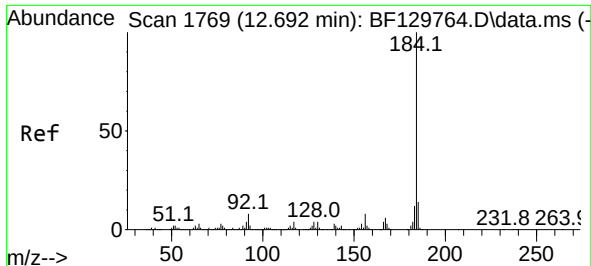
Tgt Ion:266 Resp: 56
 Ion Ratio Lower Upper
 266 100
 268 0.0 49.0 73.4#
 264 112.0 47.9 71.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF129937.D
 Acq: 22 Aug 2022 12:52

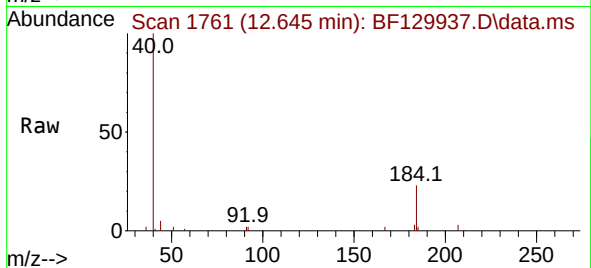
Tgt Ion:240 Resp: 462818
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.2 13.8
 236 25.5 20.7 31.1



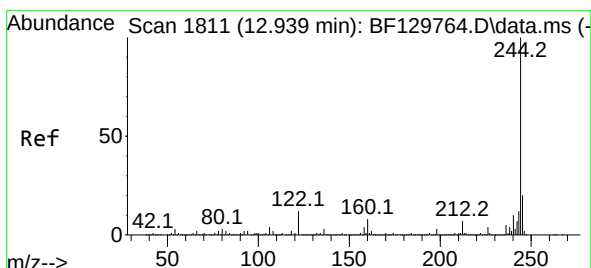
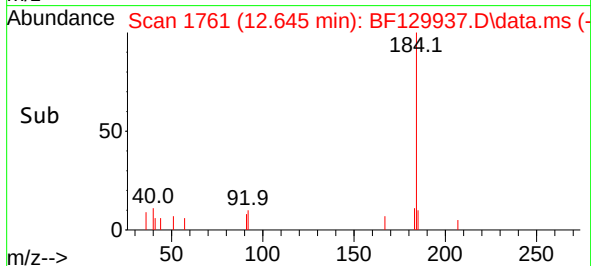
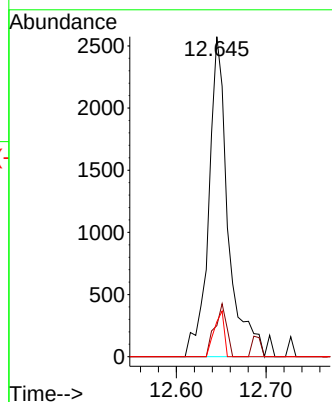


#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

Instrument :
BNA_F
ClientSampleId :

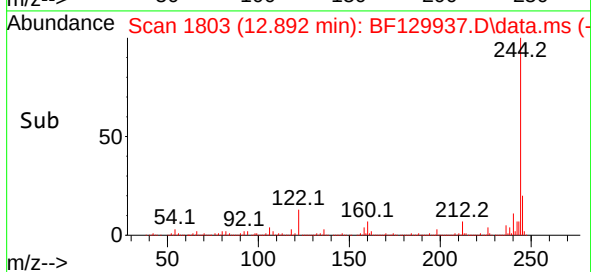
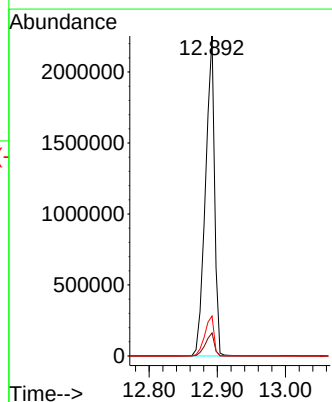
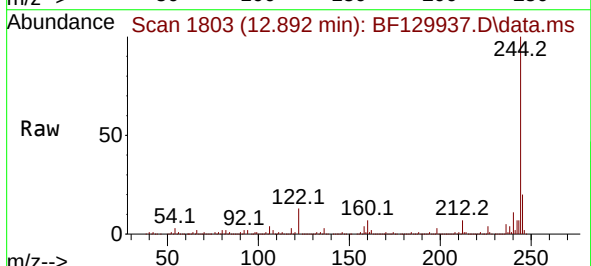


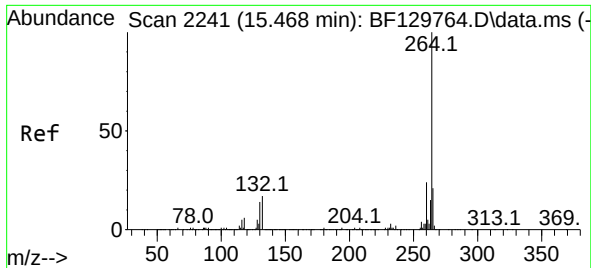
Tgt Ion:184 Resp: 3908
Ion Ratio Lower Upper
184 100
185 9.7 11.4 17.2#
183 10.9 9.4 14.2



#79
Terphenyl-d14
Concen: 75.059 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF129937.D
Acq: 22 Aug 2022 12:52

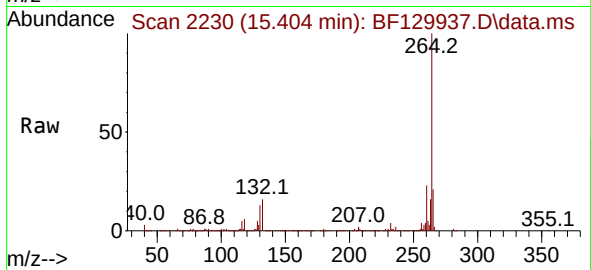
Tgt Ion:244 Resp: 2087750
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.5 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129937.D
 Acq: 22 Aug 2022 12:52

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 408893
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.2 16.7 25.1

